

---

Subject: the last paris app we need?

Posted by [derek](#) on Sun, 04 Jan 2009 17:23:46 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

hey guys :-)

after seeing how much work is put into the paris project again lately (hats off to mike) ive been thinking about this quite a bit and until now dont quite know how to say it without it coming accross a bit offensive. but since i still am not sure how to put it, i told myself, i might as well just go ahead and just put this excuse in advance on top of it ;-)

with so much manpower going into paris, an essentially dead platform, one has to wonder, wouldnt it be smarter to put this manpower into something thats, how shall i put it, more essential in practical use? exactly how many people are still using paris? is it even one hundred?

ive been one of the most enthusiastic supporters of the platform but for the life of me, i could not imagine ever going back to it after years in the world of full midi and video integration, VSTI support, total and complete latency compensation, sample precise editing, rendering that actually works, compability, etc yada yada. no amount of DP4 algorithm ports is going to change that, and i would assume that many if not most ex-paris users feel that way.

so if you operate on this basic assumption (just follow me here for the sake of the argument), would it not make much more sense to focus on something entirely different?

like, i would imagine the biggest hit among ex-paris users and soon-to-be-ex-paris users would be a conversion application that reads paris projects, just the most basic stuff like files in use and position info and would convert that into...dunno...an OMF maybe? maybe too complicated (OMFs crossplatform compability seems to be a constantly moving target and suck big time)..maybe just a bunch of rendered continous wave files that get their data from the project file and the associated pafs?

or maybe a completely different approach, a "hardware driver" that fools the paris software into believing a fully functioning EDS card with attached audio interface is present - so that you can launch paris 3.0 on any computer and use the paris software to convert projects into OMFs. you know, just a

dead end that on the other end pretends to the software whatever the software asks for during boot to actually get to the project window. no actual audio support, just a fake hardware so that you can get to the software level where you then could resurrect your files.

i know suggesting something like this is kind of an insult to the work thats currently being done (and that is exactly what i would want to avoid), but can you see how that would make a lot more sense to a lot more people?

to me, these days, the most important thing about paris is the question of how i get past projects off that platform whenever i need to work on them again. i still have a working paris computer in the second control room but its collecting dust, the system is slowly fading away as only outdated pre-XP windows systems were able to do, and the hardware side doesnt look to promising either.

and same thing about the effects: porting the awesome and at times timeless effects from ensoniq effect history is great - but why on earth do it for this outdated platform? in the real world i know zero paris users that still use paris (and i used to know a LOT), but i know lots and lots of fans of the good old ensoniq stuff that would pay hard cash for VST ports of some of the ensoniq algorithms.

not to mention that you would be able to use those effects in paris then too, on modern computers probably in 50 times more instances than on the EDS card, if you just take the paris eq VST plugin as orientation (try to max out any current machine by opening instances of that plugin - its more or less impossible).

i feel like i have to state that again, i so much admire you people who do all this, so please dont get these suggestions wrong.

thanks for listening :-)  
derek

---

Subject: Re: the last paris app we need?  
Posted by [chuck duffy](#) on Sun, 04 Jan 2009 18:48:05 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"i feel like i have to state that again, i so much admire you people who do all this, so please dont get these suggestions wrong."

I don't take any offense to your questions, although I really don't do anything paris related anymore.

Chuck

"derek" <a@b.com> wrote:

>  
>hey guys :-)  
>  
>  
>after seeing how much work is put into the paris project  
>again lately (hats off to mike) ive been thinking about this  
>quite a bit and until now dont quite know how to say it without  
>it coming accross a bit offensive. but since i still am not sure  
>how to put it, i told myself, i might as well just go ahead  
>and just put this excuse in advance on top of it ;- ) so here goes:  
>  
>  
>with so much manpower going into paris, an essentially dead  
>platform, one has to wonder, wouldnt it be smarter to  
>put this manpower into something thats, how shall i put it,  
>more essential in practical use? exactly how many people are  
>still using paris? is it even one hundred?  
>  
>ive been one of the most enthousiastic supporters of the  
>platform but for the life of me, i could not imagine ever  
>going back to it after years in the world of full midi and video  
>integration, VSTI support, total and complete latency compensation,  
>sample precise editing, rendering that actually works, compability, etc  
>yada  
>yada. no amount of DP4 algorithm ports  
>is going to change that, and i would assume that many if not  
>most ex-paris users feel that way.  
>  
>so if you operate on this basic assumption (just follow me here  
>for the sake of the argument), would it not make much more sense  
>to focus on something entirely different?  
>like, i would imagine the biggest hit among ex-paris users  
>and soon-to-be-ex-paris users would be a conversion application  
>that reads paris projects, just the most basic stuff  
>like files in use and position info and would convert  
>that into...dunno...an OMF maybe? maybe too complicated  
>(OMFs crossplatform compability seems to be a constantly moving  
>target and suck big time)..maybe just a bunch of rendered

>continuous wave files that get their data from the project file  
>and the associated pafs?  
>  
>or maybe a completely different approach, a "hardware driver"  
>that fools the paris software into believing a fully functioning  
>EDS card with attached audio interface is present - so that  
>you can launch paris 3.0 on any computer and use the paris  
>software to convert projects into OMFs. you know, just a  
>dead end that on the other end pretends to the software  
>whatever the software asks for during boot to actually  
>get to the project window. no actual audio support, just  
>a fake hardware so that you can get to the software level  
>where you then could ressurect your files.  
>  
>i know suggesting something like this is kind of an insult to the work thats  
>currently being done (and that is exactly  
>what i would want to avoid), but can you see how that would  
>make a lot more sense to a lot more people?  
>  
>to me, these days, the most important thing about paris  
>is the question of how i get past projects off that platform  
>whenever i need to work on them again. i still have a  
>working paris computer in the second control room but its  
>collecting dust, the system is slowly fading away as only  
>outdated pre-XP windows systems were able to do, and  
>the hardware side doesnt look to promising either.  
>  
>and same thing about the effects: porting the awesome and  
>at times timeless effects from ensoniq effect history is  
>great - but why on earth do it for this outdated platform?  
>in the real world i know zero paris users that still use paris  
>(and i used to know a LOT), but i know lots and lots of  
>fans of the good old ensoniq stuff that would pay hard cash  
>for VST ports of some of the ensoniq algorithms.  
>  
>not to mention that you would be able to use those effects  
>in paris then too, on modern computers probably in 50 times  
>more instances than on the EDS card, if you just take the  
>paris eq VST plugin as orientation (try to max out any current  
>machine by opening instances of that plugin - its more or less  
>impossible).  
>  
>  
>i feel like i have to state that again, i so much admire you  
>people who do all this, so please dont get these suggestions  
>wrong.  
>  
>

>thanks for listening :-)  
>derek

---

---

Subject: Re: the last paris app we need?  
Posted by [TC](#) on Sun, 04 Jan 2009 21:06:50 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

I agree with everything Ted said.

I'm using Paris at the moment for summing because of the sound, period.

To put it in perspective, I have a PTHD2 accel system and a native Logic system that I use for recording/midi composition etc.

I also have a Shadow Hills Equinox, and also prior to that had 2 Rolls folcroms with 2 API 512c's that were used as a summing mixer.

I love the Equinox for summing, but Paris is now filling that role. I can automate my mix in paris and use some eds inserts on channels, so I'm still using Paris' biggest strengths. Now that Mike's drivers are out, it makes this route even more appealing.

My Equinox cost around 4k, I've spent a few grand on Paris stuff over the last couple months (Ok, I went a bit overboard, but I'm planning to use this for another 10 years). The Paris stuff that I'm actually using now that everything is set up was maybe \$1600.00, and it's a big ass paris rig.

I don't think native paris would sound the same. The mojo with Paris is a sum of all parts, hardware and software.

The sound is the only reason why Paris still lives. If it sounded like a PT mix system, it would be long dead and buried. You just have to know it's strengths as well as it's limitations.

Cheers,

TC

Ted Gerber wrote:  
> Hi Derek -  
>

> Thanks for the comments. All worthwhile from a source who has  
> earned respect here over the years. I don't think anyone will take offense.  
> There are 2 reasons why I stick with PARIS:  
>  
> 1. The sound  
> 2. The cost of a significant change  
>  
> I use Logic for the things that it does well and all the reasons  
> you cited, (convenience/productivity issues) and PARIS for tracking/stem  
> mixing and final bounce.  
>  
> Summing from Logic out through an analog board gives results that  
> I like. Summing through PARIS without an analog board gives me  
> results I like even more. AD converters currently available are  
> more clear, detailed, smooth etc than the PARIS ones, but I would have to  
> sink a bunch more cash into this, and would rather not.  
>  
> Engineer/Producer friends of mine, who are a lot more experienced  
> than me, and have a lot more invested than I do, are consistently pleased/surprised/blown  
> away by the sonic character of what I can do in PARIS. In fact, on a CD we  
> just finished, I took the final mixes from Logic, summed out through analog  
> to tape, that my mix guy had done, and dropped them into PARIS with no gain  
> change, panned L R and re-bounced them. Everyone involved  
> preferred the PARIS bounces 100% of the time.  
>  
> So for me, PARIS right now is still my best choice.  
>  
> Peace,  
>  
> Ted  
>  
>  
> "derek" <a@b.com> wrote:  
>> hey guys :-)  
>>  
>>  
>> after seeing how much work is put into the paris project  
>> again lately (hats off to mike) ive been thinking about this  
>> quite a bit and until now dont quite know how to say it without  
>> it coming accross a bit offensive. but since i still am not sure  
>> how to put it, i told myself, i might as well just go ahead  
>> and just put this excuse in advance on top of it ;- ) so here goes:  
>>  
>>  
>> with so much manpower going into paris, an essentially dead  
>> platform, one has to wonder, wouldnt it be smarter to  
>> put this manpower into something thats, how shall i put it,  
>> more essential in practical use? exactly how many people are

>> still using paris? is it even one hundred?  
>>  
>> ive been one of the most enthousiastic supporters of the  
>> platform but for the life of me, i could not imagine ever  
>> going back to it after years in the world of full midi and video  
>> integration, VSTI support, total and complete latency compensation,  
>> sample precise editing, rendering that actually works, compability, etc  
> yada  
>> yada. no amount of DP4 algorithm ports  
>> is going to change that, and i would assume that many if not  
>> most ex-paris users feel that way.  
>>  
>> so if you operate on this basic assumption (just follow me here  
>> for the sake of the argument), would it not make much more sense  
>> to focus on something entirely different?  
>> like, i would imagine the biggest hit among ex-paris users  
>> and soon-to-be-ex-paris users would be a conversion application  
>> that reads paris projects, just the most basic stuff  
>> like files in use and position info and would convert  
>> that into...dunno...an OMF maybe? maybe too complicated  
>> (OMFs crossplatform compability seems to be a constantly moving  
>> target and suck big time)..maybe just a bunch of rendered  
>> continous wave files that get their data from the project file  
>> and the associated pafs?  
>>  
>> or maybe a completely different approach, a "hardware driver"  
>> that fools the paris software into believing a fully functioning  
>> EDS card with attached audio interface is present - so that  
>> you can launch paris 3.0 on any computer and use the paris  
>> software to convert projects into OMFs. you know, just a  
>> dead end that on the other end pretends to the software  
>> whatever the software asks for during boot to actually  
>> get to the project window. no actual audio support, just  
>> a fake hardware so that you can get to the software level  
>> where you then could ressurect your files.  
>>  
>> i know suggesting something like this is kind of an insult to the work thats  
>> currently being done (and that is exactly  
>> what i would want to avoid), but can you see how that would  
>> make a lot more sense to a lot more people?  
>>  
>> to me, these days, the most important thing about paris  
>> is the question of how i get past projects off that platform  
>> whenever i need to work on them again. i still have a  
>> working paris computer in the second control room but its  
>> collecting dust, the system is slowly fading away as only  
>> outdated pre-XP windows systems were able to do, and  
>> the hardware side doesnt look to promising either.

>>  
>> and same thing about the effects: porting the awesome and  
>> at times timeless effects from ensoniq effect history is  
>> great - but why on earth do it for this outdated platform?  
>> in the real world i know zero paris users that still use paris  
>> (and i used to know a LOT), but i know lots and lots of  
>> fans of the good old ensoniq stuff that would pay hard cash  
>> for VST ports of some of the ensoniq algorithms.  
>>  
>> not to mention that you would be able to use those effects  
>> in paris then too, on modern computers probably in 50 times  
>> more instances than on the EDS card, if you just take the  
>> paris eq VST plugin as orientation (try to max out any current  
>> machine by opening instances of that plugin - its more or less  
>> impossible).  
>>  
>>  
>> i feel like i have to state that again, i so much admire you  
>> people who do all this, so please dont get these suggestions  
>> wrong.  
>>  
>>  
>> thanks for listening :-)  
>> derek  
>

---

Subject: Re: the last paris app we need?  
Posted by [Ted Gerber](#) on Sun, 04 Jan 2009 21:51:49 GMT  
[View Forum Message](#) <> [Reply to Message](#)

Hi Derek -

Thanks for the comments. All worthwhile from a source who has earned respect here over the years. I don't think anyone will take offense. There are 2 reasons why I stick with PARIS:

1. The sound
2. The cost of a significant change

I use Logic for the things that it does well and all the reasons you cited, (convenience/productivity issues) and PARIS for tracking/stem mixing and final bounce.

Summing from Logic out through an analog board gives results that I like. Summing through PARIS without an analog board gives me results I like even more. AD converters currently available are more clear, detailed, smooth etc than the PARIS ones, but I would have to



sink a bunch more cash into this, and would rather not.

Engineer/Producer friends of mine, who are a lot more experienced than me, and have a lot more invested than I do, are consistently pleased/surprised/blown away by the sonic character of what I can do in PARIS. In fact, on a CD we just finished, I took the final mixes from Logic, summed out through analog to tape, that my mix guy had done, and dropped them into PARIS with no gain change, panned L R and re-bounced them. Everyone involved preferred the PARIS bounces 100% of the time.

So for me, PARIS right now is still my best choice.

Peace,

Ted

"derek" <a@b.com> wrote:

>

>hey guys :-)

>

>

>after seeing how much work is put into the paris project  
>again lately (hats off to mike) ive been thinking about this  
>quite a bit and until now dont quite know how to say it without  
>it coming accross a bit offensive. but since i still am not sure  
>how to put it, i told myself, i might as well just go ahead  
>and just put this excuse in advance on top of it ;- ) so here goes:

>

>

>with so much manpower going into paris, an essentially dead  
>platform, one has to wonder, wouldnt it be smarter to  
>put this manpower into something thats, how shall i put it,  
>more essential in practical use? exactly how many people are  
>still using paris? is it even one hundred?

>

>ive been one of the most enthousiastic supporters of the  
>platform but for the life of me, i could not imagine ever  
>going back to it after years in the world of full midi and video  
>integration, VSTI support, total and complete latency compensation,  
>sample precise editing, rendering that actually works, compability, etc  
yada

>yada. no amount of DP4 algorithm ports

>is going to change that, and i would assume that many if not  
>most ex-paris users feel that way.

>

>so if you operate on this basic assumption (just follow me here  
>for the sake of the argument), would it not make much more sense

>to focus on something entirely different?  
>like, i would imagine the biggest hit among ex-paris users  
>and soon-to-be-ex-paris users would be a conversion application  
>that reads paris projects, just the most basic stuff  
>like files in use and position info and would convert  
>that into...dunno...an OMF maybe? maybe too complicated  
>(OMFs crossplatform compability seems to be a constantly moving  
>target and suck big time)..maybe just a bunch of rendered  
>continous wave files that get their data from the project file  
>and the associated pafs?  
>  
>or maybe a completely different approach, a "hardware driver"  
>that fools the paris software into believing a fully functioning  
>EDS card with attached audio interface is present - so that  
>you can launch paris 3.0 on any computer and use the paris  
>software to convert projects into OMFs. you know, just a  
>dead end that on the other end pretends to the software  
>whatever the software asks for during boot to actually  
>get to the project window. no actual audio support, just  
>a fake hardware so that you can get to the software level  
>where you then could resurrect your files.  
>  
>i know suggesting something like this is kind of an insult to the work thats  
>currently being done (and that is exactly  
>what i would want to avoid), but can you see how that would  
>make a lot more sense to a lot more people?  
>  
>to me, these days, the most important thing about paris  
>is the question of how i get past projects off that platform  
>whenever i need to work on them again. i still have a  
>working paris computer in the second control room but its  
>collecting dust, the system is slowly fading away as only  
>outdated pre-XP windows systems were able to do, and  
>the hardware side doesnt look to promising either.  
>  
>and same thing about the effects: porting the awesome and  
>at times timeless effects from ensoniq effect history is  
>great - but why on earth do it for this outdated platform?  
>in the real world i know zero paris users that still use paris  
>(and i used to know a LOT), but i know lots and lots of  
>fans of the good old ensoniq stuff that would pay hard cash  
>for VST ports of some of the ensoniq algorithms.  
>  
>not to mention that you would be able to use those effects  
>in paris then too, on modern computers probably in 50 times  
>more instances than on the EDS card, if you just take the  
>paris eq VST plugin as orientation (try to max out any current  
>machine by opening instances of that plugin - its more or less

>impossible).  
>  
>  
>i feel like i have to state that again, i so much admire you  
>people who do all this, so please dont get these suggestions  
>wrong.  
>  
>  
>thanks for listening :-)  
>derek

---

---

Subject: Re: the last paris app we need?  
Posted by [excelav](#) on Sun, 04 Jan 2009 22:07:09 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

I too have Logic and PT and Reaper and so on. I record rock and roll, I'd like midi and all that, but I really don't need midi, I actually record musicians playing instruments. What I seek is the best sound.

Hey if you like to send me all your old Paris stuff, I'd be glad to pay for the shipping...; )

James

"Ted Gerber" <tedgerber@rogers.com> wrote:

>  
>Hi Derek -  
>  
>Thanks for the comments. All worthwhile from a source who has  
>earned respect here over the years. I don't think anyone will take offense.  
>There are 2 reasons why I stick with PARIS:  
>  
>1. The sound  
>2. The cost of a significant change  
>  
>I use Logic for the things that it does well and all the reasons  
>you cited, (convenience/productivity issues) and PARIS for tracking/stem  
>mixing and final bounce.  
>  
>Summing from Logic out through an analog board gives results that  
>I like. Summing through PARIS without an analog board gives me  
>results I like even more. AD converters currently available are  
>more clear, detailed, smooth etc than the PARIS ones, but I would have to  
>sink a bunch more cash into this, and would rather not.  
>  
>Engineer/Producer friends of mine, who are a lot more experienced  
>than me, and have a lot more invested than I do, are consistently pleased/surprised/blown

>away by the sonic character of what I can do in PARIS. In fact, on a CD  
we  
>just finished, I took the final mixes from Logic, summed out through analog  
>to tape, that my mix guy had done, and dropped them into PARIS with no gain  
>change, panned L R and re-bounced them. Everyone involved  
>preferred the PARIS bounces 100% of the time.  
>  
>So for me, PARIS right now is still my best choice.  
>  
>Peace,  
>  
>Ted  
>  
>  
>"derek" <a@b.com> wrote:  
>>  
>>hey guys :-)  
>>  
>>  
>>after seeing how much work is put into the paris project  
>>again lately (hats off to mike) ive been thinking about this  
>>quite a bit and until now dont quite know how to say it without  
>>it coming accross a bit offensive. but since i still am not sure  
>>how to put it, i told myself, i might as well just go ahead  
>>and just put this excuse in advance on top of it ;-)  
>>so here goes:  
>>  
>>  
>>with so much manpower going into paris, an essentially dead  
>>platform, one has to wonder, wouldnt it be smarter to  
>>put this manpower into something thats, how shall i put it,  
>>more essential in practical use? exactly how many people are  
>>still using paris? is it even one hundred?  
>>  
>>ive been one of the most enthousiastic supporters of the  
>>platform but for the life of me, i could not imagine ever  
>>going back to it after years in the world of full midi and video  
>>integration, VSTI support, total and complete latency compensation,  
>>sample precise editing, rendering that actually works, compability, etc  
>yada  
>>yada. no amount of DP4 algorithm ports  
>>is going to change that, and i would assume that many if not  
>>most ex-paris users feel that way.  
>>  
>>so if you operate on this basic assumption (just follow me here  
>>for the sake of the argument), would it not make much more sense  
>>to focus on something entirely different?  
>>like, i would imagine the biggest hit among ex-paris users  
>>and soon-to-be-ex-paris users would be a conversion application

>>that reads paris projects, just the most basic stuff  
>>like files in use and position info and would convert  
>>that into...dunno...an OMF maybe? maybe too complicated  
>>(OMFs crossplatform compability seems to be a constantly moving  
>>target and suck big time)..maybe just a bunch of rendered  
>>continous wave files that get their data from the project file  
>>and the associated pafs?  
>>  
>>or maybe a completely different approach, a "hardware driver"  
>>that fools the paris software into believing a fully functioning  
>>EDS card with attached audio interface is present - so that  
>>you can launch paris 3.0 on any computer and use the paris  
>>software to convert projects into OMFs. you know, just a  
>>dead end that on the other end pretends to the software  
>>whatever the software asks for during boot to actually  
>>get to the project window. no actual audio support, just  
>>a fake hardware so that you can get to the software level  
>>where you then could ressurect your files.  
>>  
>>i know suggesting something like this is kind of an insult to the work  
thats  
>>currently being done (and that is exactly  
>>what i would want to avoid), but can you see how that would  
>>make a lot more sense to a lot more people?  
>>  
>>to me, these days, the most important thing about paris  
>>is the question of how i get past projects off that platform  
>>whenever i need to work on them again. i still have a  
>>working paris computer in the second control room but its  
>>collecting dust, the system is slowly fading away as only  
>>outdated pre-XP windows systems were able to do, and  
>>the hardware side doesnt look to promising either.  
>>  
>>and same thing about the effects: porting the awesome and  
>>at times timeless effects from ensoniq effect history is  
>>great - but why on earth do it for this outdated platform?  
>>in the real world i know zero paris users that still use paris  
>>(and i used to know a LOT), but i know lots and lots of  
>>fans of the good old ensoniq stuff that would pay hard cash  
>>for VST ports of some of the ensoniq algorithms.  
>>  
>>not to mention that you would be able to use those effects  
>>in paris then too, on modern computers probably in 50 times  
>>more instances than on the EDS card, if you just take the  
>>paris eq VST plugin as orientation (try to max out any current  
>>machine by opening instances of that plugin - its more or less  
>>impossible).  
>>

>>  
>>i feel like i have to state that again, i so much admire you  
>>people who do all this, so please dont get these suggestions  
>>wrong.  
>>  
>>  
>>thanks for listening :-)  
>>derek  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [mike audet\[1\]](#) on Sun, 04 Jan 2009 23:26:11 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi Derek,

No offense taken. Would it make more sense to put effort into writing software to convert PARIS projects to something else? Not for me. I use PARIS. I couldn't care less about porting projects out.

I like PARIS the way it is. Also, I refuse to use anything that is host based, and that leaves Pro Tools and PARIS. I refuse to give even one more dime to Digidesign, so that leaves PARIS.

I synch Cakewalk Pro Audio 9 to PARIS via MTC. I use a EMU ESI2000 sampler. If I'm going to spend money on a major upgrade, it will be for a U87 or better mic preamps.

Why should anyone spend thousands of dollars on a new system that may make things easier, but won't make one's recordings sound any better? Also, consider that when in a few years, that system will be worth a few hundred dollars, if that. The depreciation on DAW hardware is worse than on a car. For me, it makes way more sense to use PARIS to its best potential and use the "upgrade" money for things that hold their value and actually deliver a better final product.

Here's an example: I bought three UAD1 cards (for around \$100 each) planning to "upgrade" my EQ to the Cambridge. The PARIS EQ sounds better. Imagine if I had spent \$3000 on that same digital hardware just a few years ago chasing the latest/greatest? What a waste of money.

As it is, I LOVE the Dp/Pro Hall. My Lexicon MPX1 isn't even plugged in right now. I love the PARIS Eq. I love having no latency when I'm recording. I love my new Grace m101 that I wouldn't have been able to afford if I had bought a ProTools HD rig.

I will eventually be porting at least some of the effects to VST, but I've

got PARIS to run the effects right now, so VST isn't a priority. ASIO is a priority. With ASIO, I'll be able to use the PARIS hardware with newer software when it makes sense to do so. I love the spectral editing in Audition. Getting that working makes sense to me.

I'm glad you're happy with whatever you are using now. But, so are many of us.

All the best,

Mike

"derek" <a@b.com> wrote:

>  
>hey guys :-)  
>  
>  
>after seeing how much work is put into the paris project  
>again lately (hats off to mike) ive been thinking about this  
>quite a bit and until now dont quite know how to say it without  
>it coming accross a bit offensive. but since i still am not sure  
>how to put it, i told myself, i might as well just go ahead  
>and just put this excuse in advance on top of it ;- ) so here goes:  
>  
>  
>with so much manpower going into paris, an essentially dead  
>platform, one has to wonder, wouldnt it be smarter to  
>put this manpower into something thats, how shall i put it,  
>more essential in practical use? exactly how many people are  
>still using paris? is it even one hundred?  
>  
>ive been one of the most enthusiastic supporters of the  
>platform but for the life of me, i could not imagine ever  
>going back to it after years in the world of full midi and video  
>integration, VSTI support, total and complete latency compensation,  
>sample precise editing, rendering that actually works, compability, etc  
>yada  
>yada. no amount of DP4 algorithm ports  
>is going to change that, and i would assume that many if not  
>most ex-paris users feel that way.  
>  
>so if you operate on this basic assumption (just follow me here  
>for the sake of the argument), would it not make much more sense  
>to focus on something entirely different?  
>like, i would imagine the biggest hit among ex-paris users  
>and soon-to-be-ex-paris users would be a conversion application  
>that reads paris projects, just the most basic stuff



>like files in use and position info and would convert  
>that into...dunno...an OMF maybe? maybe too complicated  
>(OMFs crossplatform compability seems to be a constantly moving  
>target and suck big time)..maybe just a bunch of rendered  
>continous wave files that get their data from the project file  
>and the associated pafs?  
>  
>or maybe a completely different approach, a "hardware driver"  
>that fools the paris software into believing a fully functioning  
>EDS card with attached audio interface is present - so that  
>you can launch paris 3.0 on any computer and use the paris  
>software to convert projects into OMFs. you know, just a  
>dead end that on the other end pretends to the software  
>whatever the software asks for during boot to actually  
>get to the project window. no actual audio support, just  
>a fake hardware so that you can get to the software level  
>where you then could ressurect your files.  
>  
>i know suggesting something like this is kind of an insult to the work thats  
>currently being done (and that is exactly  
>what i would want to avoid), but can you see how that would  
>make a lot more sense to a lot more people?  
>  
>to me, these days, the most important thing about paris  
>is the question of how i get past projects off that platform  
>whenever i need to work on them again. i still have a  
>working paris computer in the second control room but its  
>collecting dust, the system is slowly fading away as only  
>outdated pre-XP windows systems were able to do, and  
>the hardware side doesnt look to promising either.  
>  
>and same thing about the effects: porting the awesome and  
>at times timeless effects from ensoniq effect history is  
>great - but why on earth do it for this outdated platform?  
>in the real world i know zero paris users that still use paris  
>(and i used to know a LOT), but i know lots and lots of  
>fans of the good old ensoniq stuff that would pay hard cash  
>for VST ports of some of the ensoniq algorithms.  
>  
>not to mention that you would be able to use those effects  
>in paris then too, on modern computers probably in 50 times  
>more instances than on the EDS card, if you just take the  
>paris eq VST plugin as orientation (try to max out any current  
>machine by opening instances of that plugin - its more or less  
>impossible).  
>  
>  
>i feel like i have to state that again, i so much admire you



>people who do all this, so please dont get these suggestions  
>wrong.  
>  
>  
>thanks for listening :-)  
>derek

---

---

Subject: Re: the last paris app we need?  
Posted by [Tom Bruhl](#) on Mon, 05 Jan 2009 00:47:59 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

~ Hi Derek,

I think what you're finding is a bunch of fairly content users. That doesn't mean we wouldn't want more if it became available. Being a new quadcore Paris user allows the plugin counts you're talking about within Paris. Latency is compensated for with one click using Faderworks. Mike's ports of the DP Pro have been awesome but certainly not state of the art. The newest UAD software works fine in Paris. Most pros that mix in the box probably have one of those too.

I agree that Paris is gone as far as new users are concerned. The few that remain are a dedicated bunch as you well know. Mike has taken the exact path that was needed to make Paris still contend on most levels with the current crop of DAWs albeit using a MIDI DAW in tandem.

On my wish list for Paris are patch points (DX/VST - hardware) at the group outs and the Master. This would make all kinds of pro routing schemes possible as you suggested.

Being a Cubase user has shown me the many options that new DAWs have. I remain with Paris for cost but more for sonic reasons.

I still blame you for interesting me in softsynths. Now I'm loaded with really cool stuff. Thanks!!!

~ Tom

"Mike Audet" <mike@....> wrote in message news:49613783\$1@linux...  
>

> Hi Derek,  
>  
> No offense taken. Would it make more sense to put effort into writing  
> software  
> to convert PARIS projects to something else? Not for me. I use PARIS.  
> I couldn't care less about porting projects out.  
>  
> I like PARIS the way it is. Also, I refuse to use anything that is host  
> based, and that leaves Pro Tools and PARIS. I refuse to give even one  
> more  
> dime to Digidesign, so that leaves PARIS.  
>  
> I synch Cakewalk Pro Audio 9 to PARIS via MTC. I use a EMU ESI2000  
> sampler.  
> If I'm going to spend money on a major upgrade, it will be for a U87 or  
> better mic preamps.  
>  
> Why should anyone spend thousands of dollars on a new system that may make  
> things easier, but won't make one's recordings sound any better? Also,  
> consider  
> that when in a few years, that system will be worth a few hundred dollars,  
> if that. The depreciation on DAW hardware is worse than on a car. For  
> me,  
> it makes way more sense to use PARIS to its best potential and use the  
> "upgrade"  
> money for things that hold their value and actually deliver a better final  
> product.  
>  
> Here's an example: I bought three UAD1 cards (for around \$100 each)  
> planning  
> to "upgrade" my EQ to the Cambridge. The PARIS EQ sounds better. Imagine  
> if I had spent \$3000 on that same digital hardware just a few years ago  
> chasing  
> the latest/greatest? What a waste of money.  
>  
> As it is, I LOVE the Dp/Pro Hall. My Lexicon MPX1 isn't even plugged in  
> right now. I love the PARIS Eq. I love having no latency when I'm  
> recording.  
> I love my new Grace m101 that I wouldn't have been able to afford if I had  
> bought a ProTools HD rig.  
>  
> I will eventually be porting at least some of the effects to VST, but I've  
> got PARIS to run the effects right now, so VST isn't a priority. ASIO is  
> a priority. With ASIO, I'll be able to use the PARIS hardware with newer  
> software when it makes sense to do so. I love the spectral editing in  
> Audition.  
> Getting that working makes sense to me.  
>

> I'm glad you're happy with whatever you are using now. But, so are many  
> of us.  
>  
> All the best,  
>  
> Mike  
>  
>  
> "derek" <a@b.com> wrote:  
>>  
>>hey guys :-)  
>>  
>>  
>>after seeing how much work is put into the paris project  
>>again lately (hats off to mike) ive been thinking about this  
>>quite a bit and until now dont quite know how to say it without  
>>it coming accross a bit offensive. but since i still am not sure  
>>how to put it, i told myself, i might as well just go ahead  
>>and just put this excuse in advance on top of it ;-) so here goes:  
>>  
>>  
>>with so much manpower going into paris, an essentially dead  
>>platform, one has to wonder, wouldnt it be smarter to  
>>put this manpower into something thats, how shall i put it,  
>>more essential in practical use? exactly how many people are  
>>still using paris? is it even one hundred?  
>>  
>>ive been one of the most enthousiastic supporters of the  
>>platform but for the life of me, i could not imagine ever  
>>going back to it after years in the world of full midi and video  
>>integration, VSTI support, total and complete latency compensation,  
>>sample precise editing, rendering that actually works, compability, etc  
> yada  
>>yada. no amount of DP4 algorithm ports  
>>is going to change that, and i would assume that many if not  
>>most ex-paris users feel that way.  
>>  
>>so if you operate on this basic assumption (just follow me here  
>>for the sake of the argument), would it not make much more sense  
>>to focus on something entirely different?  
>>like, i would imagine the biggest hit among ex-paris users  
>>and soon-to-be-ex-paris users would be a conversion application  
>>that reads paris projects, just the most basic stuff  
>>like files in use and position info and would convert  
>>that into...dunno...an OMF maybe? maybe too complicated  
>>(OMFs crossplatform compability seems to be a constantly moving  
>>target and suck big time)..maybe just a bunch of rendered  
>>continous wave files that get their data from the project file

>>and the associated pafs?  
>>  
>>or maybe a completely different approach, a "hardware driver"  
>>that fools the paris software into believing a fully functioning  
>>EDS card with attached audio interface is present - so that  
>>you can launch paris 3.0 on any computer and use the paris  
>>software to convert projects into OMFs. you know, just a  
>>dead end that on the other end pretends to the software  
>>whatever the software asks for during boot to actually  
>>get to the project window. no actual audio support, just  
>>a fake hardware so that you can get to the software level  
>>where you then could resurrect your files.  
>>  
>>i know suggesting something like this is kind of an insult to the work  
>>thats  
>>currently being done (and that is exactly  
>>what i would want to avoid), but can you see how that would  
>>make a lot more sense to a lot more people?  
>>  
>>to me, these days, the most important thing about paris  
>>is the question of how i get past projects off that platform  
>>whenever i need to work on them again. i still have a  
>>working paris computer in the second control room but its  
>>collecting dust, the system is slowly fading away as only  
>>outdated pre-XP windows systems were able to do, and  
>>the hardware side doesnt look to promising either.  
>>  
>>and same thing about the effects: porting the awesome and  
>>at times timeless effects from ensoniq effect history is  
>>great - but why on earth do it for this outdated platform?  
>>in the real world i know zero paris users that still use paris  
>>(and i used to know a LOT), but i know lots and lots of  
>>fans of the good old ensoniq stuff that would pay hard cash  
>>for VST ports of some of the ensoniq algorithms.  
>>  
>>not to mention that you would be able to use those effects  
>>in paris then too, on modern computers probably in 50 times  
>>more instances than on the EDS card, if you just take the  
>>paris eq VST plugin as orientation (try to max out any current  
>>machine by opening instances of that plugin - its more or less  
>>impossible).  
>>  
>>  
>>i feel like i have to state that again, i so much admire you  
>>people who do all this, so please dont get these suggestions  
>>wrong.  
>>  
>>

>>thanks for listening :-)  
>>derek  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [derek](#) on Mon, 05 Jan 2009 01:04:33 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

i see, The Summing Issue it is :-)

as you might remember, i sailed on that ship quite a few years too, and i know exactly what youre talking about. having said that though, of course there is no magic to the paris sound, its just a combination of things if you ask me:

1. simple, straightforward clipping and truncating
2. the ensoniq converters and their awesome coloring (a longtime ensoniq virtue, i.e. also the ASR and ASRX samplers sounded simply amazing whatever you threw at them)
3. the fact that you run a mix using only nice ensoniq algorithms (and boy, did they have a hand for good sounding yet simple effect algorithms)
4. (often underestimated) the "direct" feel of the low latency interface and (here comes the only thing i would give ID credit for and not ensoniq) the smart mouse behaviour when i.e. dragging eq values. oh, and the interface and its color does help too.

thats pretty much it. and while it is a bunch of stuff, its

- a. nothing that cant be done elsewhere and
- b. no summing rocket science. actually the mere summing of paris is quite normal, easily testable with the usual phase cancellation tests im sure we all have done. so after years of limiting myself to paris because of the supposedly magic sound character, it really didnt take me very long to get right back to this point with another system. i color my stuff with my pres (and i kept some ensoniq AD/DAs around for a while), i have a million ways of clipping, i only use nice plugins (doh!) and with todays machines, latency isnt an issue anymore. my dual quad machine lets me open many times more stuff than a fully expanded paris would do while running at 1.5ms latency.

so, speaking longterm and sound quality only, for a list of things that can really can be had elsewhere

too if you invest a little time, you give up so many other things that have a true impact on sound, like proper grouping, sample precise latency correction, processing on group and master channels of any kind you wish, group based ducking, 100% generation loss free bouncing etc etc.

at the end of the day, personally i find this just a bad deal not only featurewise, but \*also\* soundwise. these days im doing things in nuendo i could not dream of doing in paris. and i had that system very much pushed to the limit. i did drums subgroup compression over the aux bus (what a pain in the...!). i avoided rendering stuff because it didnt sound right. i made heavy use of the fun ways to clip and distort stuff in paris all the time, id even go as far and claim that i was one of the few people that eventually somewhat figured out the slightly weird paris compressor lookahead behaviour ;-)

not trying to "convince" anyone here, i know i wont and i dont intend to. just consider it FYI, if you will :-)

"Ted Gerber" <tedgerber@rogers.com> wrote:

>  
>Hi Derek -  
>  
>Thanks for the comments. All worthwhile from a source who has  
>earned respect here over the years. I don't think anyone will take offense.  
>There are 2 reasons why I stick with PARIS:  
>  
>1. The sound  
>2. The cost of a significant change  
>  
>I use Logic for the things that it does well and all the reasons  
>you cited, (convenience/productivity issues) and PARIS for tracking/stem  
>mixing and final bounce.  
>  
>Summing from Logic out through an analog board gives results that  
>I like. Summing through PARIS without an analog board gives me  
>results I like even more. AD converters currently available are  
>more clear, detailed, smooth etc than the PARIS ones, but I would have to  
>sink a bunch more cash into this, and would rather not.  
>  
>Engineer/Producer friends of mine, who are a lot more experienced  
>than me, and have a lot more invested than I do, are consistently pleased/surprised/blown  
>away by the sonic character of what I can do in PARIS. In fact, on a CD

we

>just finished, I took the final mixes from Logic, summed out through analog  
>to tape, that my mix guy had done, and dropped them into PARIS with no gain  
>change, panned L R and re-bounced them. Everyone involved  
>preferred the PARIS bounces 100% of the time.

>

>So for me, PARIS right now is still my best choice.

>

>Peace,

>

>Ted

>

>

>"derek" <a@b.com> wrote:

>>

>>hey guys :-)

>>

>>

>>after seeing how much work is put into the paris project  
>>again lately (hats off to mike) ive been thinking about this  
>>quite a bit and until now dont quite know how to say it without  
>>it coming accross a bit offensive. but since i still am not sure  
>>how to put it, i told myself, i might as well just go ahead  
>>and just put this excuse in advance on top of it ;- ) so here goes:

>>

>>

>>with so much manpower going into paris, an essentially dead  
>>platform, one has to wonder, wouldnt it be smarter to  
>>put this manpower into something thats, how shall i put it,  
>>more essential in practical use? exactly how many people are  
>>still using paris? is it even one hundred?

>>

>>ive been one of the most enthousiastic supporters of the  
>>platform but for the life of me, i could not imagine ever  
>>going back to it after years in the world of full midi and video  
>>integration, VSTI support, total and complete latency compensation,  
>>sample precise editing, rendering that actually works, compability, etc  
>yada

>>yada. no amount of DP4 algorithm ports

>>is going to change that, and i would assume that many if not  
>>most ex-paris users feel that way.

>>

>>so if you operate on this basic assumption (just follow me here  
>>for the sake of the argument), would it not make much more sense  
>>to focus on something entirely different?

>>like, i would imagine the biggest hit among ex-paris users

>>and soon-to-be-ex-paris users would be a conversion application

>>that reads paris projects, just the most basic stuff

>>like files in use and position info and would convert  
>>that into...dunno...an OMF maybe? maybe too complicated  
>>(OMFs crossplatform compability seems to be a constantly moving  
>>target and suck big time)..maybe just a bunch of rendered  
>>continuous wave files that get their data from the project file  
>>and the associated pafs?  
>>  
>>or maybe a completely different approach, a "hardware driver"  
>>that fools the paris software into believing a fully functioning  
>>EDS card with attached audio interface is present - so that  
>>you can launch paris 3.0 on any computer and use the paris  
>>software to convert projects into OMFs. you know, just a  
>>dead end that on the other end pretends to the software  
>>whatever the software asks for during boot to actually  
>>get to the project window. no actual audio support, just  
>>a fake hardware so that you can get to the software level  
>>where you then could ressurect your files.  
>>  
>>i know suggesting something like this is kind of an insult to the work  
thats  
>>currently being done (and that is exactly  
>>what i would want to avoid), but can you see how that would  
>>make a lot more sense to a lot more people?  
>>  
>>to me, these days, the most important thing about paris  
>>is the question of how i get past projects off that platform  
>>whenever i need to work on them again. i still have a  
>>working paris computer in the second control room but its  
>>collecting dust, the system is slowly fading away as only  
>>outdated pre-XP windows systems were able to do, and  
>>the hardware side doesnt look to promising either.  
>>  
>>and same thing about the effects: porting the awesome and  
>>at times timeless effects from ensoniq effect history is  
>>great - but why on earth do it for this outdated platform?  
>>in the real world i know zero paris users that still use paris  
>>(and i used to know a LOT), but i know lots and lots of  
>>fans of the good old ensoniq stuff that would pay hard cash  
>>for VST ports of some of the ensoniq algorithms.  
>>  
>>not to mention that you would be able to use those effects  
>>in paris then too, on modern computers probably in 50 times  
>>more instances than on the EDS card, if you just take the  
>>paris eq VST plugin as orientation (try to max out any current  
>>machine by opening instances of that plugin - its more or less  
>>impossible).  
>>  
>>



>>i feel like i have to state that again, i so much admire you  
>>people who do all this, so please dont get these suggestions  
>>wrong.  
>>  
>>  
>>thanks for listening :-)  
>>derek  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [kerryg](#) on Mon, 05 Jan 2009 02:29:58 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

> not trying to "convince" anyone here, i know i wont and  
> i dont intend to. just consider it FYI, if you will :-)

LOL.

If you can find me a zero latency DAW that permits tracking at that zero latency through FX, includes a dedicated and high-quality hardware control surface with automation and a shuttle wheel, has internal mixing capabilities, expandable I/O at about \$150 per eight extra channels and killer fat-sounding sonics overall I admit I might be extremely interested and might consider it as an upgrade.

Of course, it's also got to be under six hundred bucks US, which is about what I paid for all those capabilities - my double Bundle III \*and\* the computer to run it. Whaddya got that'll get me those features at that price point?

:D

- K

---

---

Subject: Re: the last paris app we need?  
Posted by [Ted Gerber](#) on Mon, 05 Jan 2009 02:49:01 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

No -

the sonic/summing issue was only half of the 2 reasons I listed.  
The second was the cost of making a significant change.  
Nuendo 4, (which I believe I like better than Logic) costs \$1900  
CDN right now. CuBase 4 costs \$700 CDN. I would also need to spend \$2000  
for 8 channels of decent converters, plus a soundcard to accept the new signal.

My current PARIS rig cost me \$450 CDN total, and I'm happy with it.

I have no doubt that fantastic results are achieved with other systems, (in fact I know this to be true) but since I'm happy with what I can do in PARIS, I don't want to spend the money needed to make any change at this time.

Peace,

Ted

"derek" <a@b.com> wrote:

>

>i see, The Summing Issue it is :-)

>

>as you might remember, i sailed on that ship quite a few

>years too, and i know exactly what youre talking about.

>having said that though, of course there is no magic

>to the paris sound, its just a combination of things if you ask me:

>

>1. simple, straightforward clipping and truncating

>2. the ensoniq converters and their awesome coloring

>(a longtime ensoniq virtue, i.e. also the ASR and ASRX samplers

>sounded simply amazing whatever you threw at them)

>3. the fact that you run a mix using only nice ensoniq

>algorithms (and boy, did they have a hand for good sounding

>yet simple effect algorithms)

>4. (often underestimated) the "direct" feel of the low

>latency interface and (here comes the only thing i would

>give ID credit for and not ensoniq) the smart mouse behaviour

>when i.e. dragging eq values. oh, and the interface and

>its color does help too.

>

>

>thats pretty much it. and while it is a bunch of stuff, its

>a. nothing that cant be done elsewhere and

>b. no summing rocket science. actually the mere summing

>of paris is quite normal, easily testable with the

>usual phase cancellation tests im sure we all have done.

>so after years of limiting myself to paris because of the

>supposedly magic sound character, it really didnt take me

>very long to get right back to this point with another system.

>i color my stuff with my pres (and i kept some ensoniq AD/DAs

>around for a while), i have a million ways of clipping,

>i only use nice plugins (doh!) and with todays machines,

>latency isnt an issue anymore. my dual quad machine lets me open many times

>more stuff than a fully expanded paris would do while

>running at 1.5ms latency.

>  
>  
>so, speaking longterm and sound quality only, for a list of things that  
can  
>really can be had elsewhere  
>too if you invest a little time, you give up so many other things  
>that have a true impact on sound, like proper grouping,  
>sample precise latency correction, processing on group and  
>master channels of any kind you wish, group based ducking,  
>100% generation loss free bouncing etc etc.  
>  
>at the end of the day, personally i find this just a bad  
>deal not only featurewise, but \*also\* soundwise. these days  
>im doing things in nuendo i could not dream of doing in paris.  
>and i had that system very much pushed to the limit. i did  
>drumsubgroup compression over the aux bus (what a pain in the...!). i avoided  
>rendering stuff because it didnt sound  
>right. i made heavy use of the fun ways to clip and distort  
>stuff in paris all the time, id even go as far and claim  
>that i was one of the few people that eventually somewhat figured out  
>the slightly weird paris compressor lookahead behaviour ;-)  
>  
>  
>not trying to "convince" anyone here, i know i wont and  
>i dont intend to. just consider it FYI, if you will :-)  
>  
>  
>  
>  
>"Ted Gerber" <tedgerber@rogers.com> wrote:  
>>  
>>Hi Derek -  
>>  
>>Thanks for the comments. All worthwhile from a source who has  
>>earned respect here over the years. I don't think anyone will take offense.  
>>There are 2 reasons why I stick with PARIS:  
>>  
>>1. The sound  
>>2. The cost of a significant change  
>>  
>>I use Logic for the things that it does well and all the reasons  
>>you cited, (convenience/productivity issues) and PARIS for tracking/stem  
>>mixing and final bounce.  
>>  
>>Summing from Logic out through an analog board gives results that  
>>I like. Summing through PARIS without an analog board gives me  
>>results I like even more. AD converters currently available are  
>>more clear, detailed, smooth etc than the PARIS ones, but I would have

to  
>>sink a bunch more cash into this, and would rather not.  
>>  
>>Engineer/Producer friends of mine, who are a lot more experienced  
>>than me, and have a lot more invested than I do, are consistently pleased/surprised/blown  
>>away by the sonic character of what I can do in PARIS. In fact, on a CD  
>we  
>>just finished, I took the final mixes from Logic, summed out through analog  
>>to tape, that my mix guy had done, and dropped them into PARIS with no  
gain  
>>change, panned L R and re-bounced them. Everyone involved  
>>preferred the PARIS bounces 100% of the time.  
>>  
>>So for me, PARIS right now is still my best choice.  
>>  
>>Peace,  
>>  
>>Ted  
>>  
>>  
>>"derek" <a@b.com> wrote:  
>>>  
>>>hey guys :-)  
>>>  
>>>  
>>>after seeing how much work is put into the paris project  
>>>again lately (hats off to mike) ive been thinking about this  
>>>quite a bit and until now dont quite know how to say it without  
>>>it coming accross a bit offensive. but since i still am not sure  
>>>how to put it, i told myself, i might as well just go ahead  
>>>and just put this excuse in advance on top of it ;- ) so here goes:  
>>>  
>>>  
>>>with so much manpower going into paris, an essentially dead  
>>>platform, one has to wonder, wouldnt it be smarter to  
>>>put this manpower into something thats, how shall i put it,  
>>>more essential in practical use? exactly how many people are  
>>>still using paris? is it even one hundred?  
>>>  
>>>ive been one of the most enthousiastic supporters of the  
>>>platform but for the life of me, i could not imagine ever  
>>>going back to it after years in the world of full midi and video  
>>>integration, VSTI support, total and complete latency compensation,  
>>>sample precise editing, rendering that actually works, compability, etc  
>>yada  
>>yada. no amount of DP4 algorithm ports  
>>>is going to change that, and i would assume that many if not  
>>>most ex-paris users feel that way.

>>>  
>>>so if you operate on this basic assumption (just follow me here  
>>>for the sake of the argument), would it not make much more sense  
>>>to focus on something entirely different?  
>>>like, i would imagine the biggest hit among ex-paris users  
>>>and soon-to-be-ex-paris users would be a conversion application  
>>>that reads paris projects, just the most basic stuff  
>>>like files in use and position info and would convert  
>>>that into...dunno...an OMF maybe? maybe too complicated  
>>>(OMFs crossplatform compability seems to be a constantly moving  
>>>target and suck big time)..maybe just a bunch of rendered  
>>>continous wave files that get their data from the project file  
>>>and the associated pafs?

>>>  
>>>or maybe a completely different approach, a "hardware driver"  
>>>that fools the paris software into believing a fully functioning  
>>>EDS card with attached audio interface is present - so that  
>>>you can launch paris 3.0 on any computer and use the paris  
>>>software to convert projects into OMFs. you know, just a  
>>>dead end that on the other end pretends to the software  
>>>whatever the software asks for during boot to actually  
>>>get to the project window. no actual audio support, just  
>>>a fake hardware so that you can get to the software level  
>>>where you then could ressurect your files.

>>>  
>>>i know suggesting something like this is kind of an insult to the work  
>thats  
>>>currently being done (and that is exactly  
>>>what i would want to avoid), but can you see how that would  
>>>make a lot more sense to a lot more people?

>>>  
>>>to me, these days, the most important thing about paris  
>>>is the question of how i get past projects off that platform  
>>>whenever i need to work on them again. i still have a  
>>>working paris computer in the second control room but its  
>>>collecting dust, the system is slowly fading away as only  
>>>outdated pre-XP windows systems were able to do, and  
>>>the hardware side doesnt look to promising either.

>>>  
>>>and same thing about the effects: porting the awesome and  
>>>at times timeless effects from ensoniq effect history is  
>>>great - but why on earth do it for this outdated platform?  
>>>in the real world i know zero paris users that still use paris  
>>>(and i used to know a LOT), but i know lots and lots of  
>>>fans of the good old ensoniq stuff that would pay hard cash  
>>>for VST ports of some of the ensoniq algorithms.

>>>  
>>>not to mention that you would be able to use those effects

>>>in paris then too, on modern computers probably in 50 times  
>>>more instances than on the EDS card, if you just take the  
>>>paris eq VST plugin as orientation (try to max out any current  
>>>machine by opening instances of that plugin - its more or less  
>>>impossible).

>>>

>>>

>>>i feel like i have to state that again, i so much admire you  
>>>people who do all this, so please dont get these suggestions  
>>>wrong.

>>>

>>>

>>>thanks for listening :-)

>>>derek

>>

>

---

---

Subject: Re: the last paris app we need?

Posted by [excelav](#) on Mon, 05 Jan 2009 04:24:52 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I don't think anybody that is still using Paris is not aware of what they can do with other softwares. Most of us have other softwares to do the kind of work that they can do. Investing in a system that we already know, and a system that works for us is not a bad investment. Paris is not done yet!

Mike and the paris users here prove that. Not everybody that uses paris is here on this board either, there are many paris users that don't even know about this NG. In the last month or so there have been new paris users asking questions here.

Mike has made it possible to run Paris on new quad core PCs, that alone extends the life of paris. Paris is unique and kind of boutique in a studio. Paris sounds good and to me that's what really matters.

For some music, all the midi stuff is over kill. For some music it's about capturing a great performance with really good sounding equipment, that's Paris. Unfortunately MP3s are becoming the standard, until things really change, I personally don't see a need to spend a bunch of money trying to get better sound when Paris already sounds good.

Paris doesn't cost me any thing now. If and when I switch over to PC I won't have a problem paying Mike for his work, it's much appreciated. I'm not in Europe, or Asia, I'm in north America, right now I'm personally not too keen on sending any more money to Asian companies. I'd rather spend my money in my own backyard. It's tuff in Detroit these days, soon to come to a city near you.

Some of us here are not running commercial studios anymore, and just don't find it necessary to chase their tails on the upgrade trail. Why spend the money when we already own paris, besides what would I get for it now anyways. I guess we'll upgrade when it is really necessary. Many of us are just going to drive paris right in to the ground; )

I know your point is about function, but Paris still functions for many of us, and the price is right.

"derek" <a@b.com> wrote:

>

>i see, The Summing Issue it is :-)

>

>as you might remember, i sailed on that ship quite a few

>years too, and i know exactly what youre talking about.

>having said that though, of course there is no magic

>to the paris sound, its just a combination of things if you ask me:

>

>1. simple, straightforward clipping and truncating

>2. the ensoniq converters and their awesome coloring

>(a longtime ensoniq virtue, i.e. also the ASR and ASRX samplers

>sounded simply amazing whatever you threw at them)

>3. the fact that you run a mix using only nice ensoniq

>algorithms (and boy, did they have a hand for good sounding

>yet simple effect algorithms)

>4. (often underestimated) the "direct" feel of the low

>latency interface and (here comes the only thing i would

>give ID credit for and not ensoniq) the smart mouse behaviour

>when i.e. dragging eq values. oh, and the interface and

>its color does help too.

>

>

>thats pretty much it. and while it is a bunch of stuff, its

>a. nothing that cant be done elsewhere and

>b. no summing rocket science. actually the mere summing

>of paris is quite normal, easily testable with the

>usual phase cancellation tests im sure we all have done.

>so after years of limiting myself to paris because of the

>supposedly magic sound character, it really didnt take me

>very long to get right back to this point with another system.

>i color my stuff with my pres (and i kept some ensoniq AD/DAs

>around for a while), i have a million ways of clipping,

>i only use nice plugins (doh!) and with todays machines,

>latency isnt an issue anymore. my dual quad machine lets me open many times

>more stuff than a fully expanded paris would do while

>running at 1.5ms latency.

>

>



>so, speaking longterm and sound quality only, for a list of things that can  
>really can be had elsewhere  
>too if you invest a little time, you give up so many other things  
>that have a true impact on sound, like proper grouping,  
>sample precise latency correction, processing on group and  
>master channels of any kind you wish, group based ducking,  
>100% generation loss free bouncing etc etc.  
>  
>at the end of the day, personally i find this just a bad  
>deal not only featurewise, but \*also\* soundwise. these days  
>im doing things in nuendo i could not dream of doing in paris.  
>and i had that system very much pushed to the limit. i did  
>drumsubgroup compression over the aux bus (what a pain in the...!). i avoided  
>rendering stuff because it didnt sound  
>right. i made heavy use of the fun ways to clip and distort  
>stuff in paris all the time, id even go as far and claim  
>that i was one of the few people that eventually somewhat figured out  
>the slightly weird paris compressor lookahead behaviour ;-)  
>  
>  
>not trying to "convince" anyone here, i know i wont and  
>i dont intend to. just consider it FYI, if you will :-)  
>  
>  
>  
>  
>"Ted Gerber" <tedgerber@rogers.com> wrote:  
>>  
>>Hi Derek -  
>>  
>>Thanks for the comments. All worthwhile from a source who has  
>>earned respect here over the years. I don't think anyone will take offense.  
>>There are 2 reasons why I stick with PARIS:  
>>  
>>1. The sound  
>>2. The cost of a significant change  
>>  
>>I use Logic for the things that it does well and all the reasons  
>>you cited, (convenience/productivity issues) and PARIS for tracking/stem  
>>mixing and final bounce.  
>>  
>>Summing from Logic out through an analog board gives results that  
>>I like. Summing through PARIS without an analog board gives me  
>>results I like even more. AD converters currently available are  
>>more clear, detailed, smooth etc than the PARIS ones, but I would have  
to  
>>sink a bunch more cash into this, and would rather not.



>>  
>>Engineer/Producer friends of mine, who are a lot more experienced  
>>than me, and have a lot more invested than I do, are consistently pleased/surprised/blown  
>>away by the sonic character of what I can do in PARIS. In fact, on a CD  
>we  
>>just finished, I took the final mixes from Logic, summed out through analog  
>>to tape, that my mix guy had done, and dropped them into PARIS with no  
gain  
>>change, panned L R and re-bounced them. Everyone involved  
>>preferred the PARIS bounces 100% of the time.  
>>  
>>So for me, PARIS right now is still my best choice.  
>>  
>>Peace,  
>>  
>>Ted  
>>  
>>  
>>"derek" <a@b.com> wrote:  
>>>  
>>>hey guys :-)  
>>>  
>>>  
>>>after seeing how much work is put into the paris project  
>>>again lately (hats off to mike) ive been thinking about this  
>>>quite a bit and until now dont quite know how to say it without  
>>>it coming accross a bit offensive. but since i still am not sure  
>>>how to put it, i told myself, i might as well just go ahead  
>>>and just put this excuse in advance on top of it ;-)  
>>>so here goes:  
>>>  
>>>  
>>>with so much manpower going into paris, an essentially dead  
>>>platform, one has to wonder, wouldnt it be smarter to  
>>>put this manpower into something thats, how shall i put it,  
>>>more essential in practical use? exactly how many people are  
>>>still using paris? is it even one hundred?  
>>>  
>>>ive been one of the most enthousiastic supporters of the  
>>>platform but for the life of me, i could not imagine ever  
>>>going back to it after years in the world of full midi and video  
>>>integration, VSTI support, total and complete latency compensation,  
>>>sample precise editing, rendering that actually works, compability, etc  
>>yada  
>>>yada. no amount of DP4 algorithm ports  
>>>is going to change that, and i would assume that many if not  
>>>most ex-paris users feel that way.  
>>>  
>>>so if you operate on this basic assumption (just follow me here

>>>for the sake of the argument), would it not make much more sense  
>>>to focus on something entirely different?  
>>>like, i would imagine the biggest hit among ex-paris users  
>>>and soon-to-be-ex-paris users would be a conversion application  
>>>that reads paris projects, just the most basic stuff  
>>>like files in use and position info and would convert  
>>>that into...dunno...an OMF maybe? maybe too complicated  
>>>(OMFs crossplatform compability seems to be a constantly moving  
>>>target and suck big time)..maybe just a bunch of rendered  
>>>continous wave files that get their data from the project file  
>>>and the associated pafs?  
>>>  
>>>or maybe a completely different approach, a "hardware driver"  
>>>that fools the paris software into believing a fully functioning  
>>>EDS card with attached audio interface is present - so that  
>>>you can launch paris 3.0 on any computer and use the paris  
>>>software to convert projects into OMFs. you know, just a  
>>>dead end that on the other end pretends to the software  
>>>whatever the software asks for during boot to actually  
>>>get to the project window. no actual audio support, just  
>>>a fake hardware so that you can get to the software level  
>>>where you then could ressurect your files.  
>>>  
>>>i know suggesting something like this is kind of an insult to the work  
>thats  
>>>currently being done (and that is exactly  
>>>what i would want to avoid), but can you see how that would  
>>>make a lot more sense to a lot more people?  
>>>  
>>>to me, these days, the most important thing about paris  
>>>is the question of how i get past projects off that platform  
>>>whenever i need to work on them again. i still have a  
>>>working paris computer in the second control room but its  
>>>collecting dust, the system is slowly fading away as only  
>>>outdated pre-XP windows systems were able to do, and  
>>>the hardware side doesnt look to promising either.  
>>>  
>>>and same thing about the effects: porting the awesome and  
>>>at times timeless effects from ensoniq effect history is  
>>>great - but why on earth do it for this outdated platform?  
>>>in the real world i know zero paris users that still use paris  
>>>(and i used to know a LOT), but i know lots and lots of  
>>>fans of the good old ensoniq stuff that would pay hard cash  
>>>for VST ports of some of the ensoniq algorithms.  
>>>  
>>>not to mention that you would be able to use those effects  
>>>in paris then too, on modern computers probably in 50 times  
>>>more instances than on the EDS card, if you just take the

>>>paris eq VST plugin as orientation (try to max out any current  
>>>machine by opening instances of that plugin - its more or less  
>>>impossible).

>>>

>>>

>>>i feel like i have to state that again, i so much admire you  
>>>people who do all this, so please dont get these suggestions  
>>>wrong.

>>>

>>>

>>>thanks for listening :-)

>>>derek

>>

>

---

Subject: Re: the last paris app we need?

Posted by [Gantt Kushner](#) on Mon, 05 Jan 2009 05:16:25 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I've read all the other responses and can't really add much except to second the emotion. Paris still sounds awful good to me and I know it inside and out. I do still run a small commercial studio and I know I've lost business for not having Protools but it just doesn't make sense for me to spend the cash to chase that business, especially in this economic climate. It would cost me about \$35K to replace my Paris system (3 EDS cards in my main computer w/ 2 MECs and 32 channels in/16 channels out PLUS a second computer w/ 1 EDS + 1 MEC w/ 16 in/8 out). I just can't justify the expense for a business that's making about half the money it used to make. I use Digital Performer for MIDI synced to Paris and I can use the DP machine for outboard FX w/ Waves IR-1 reverbs. I've given serious thought to switching my system to PC (been a Mac guy for my whole career!) to be able to run new Waves and UAD-1 plugins. I've contemplated Logic w/ the Apogee Symphony stuff but again - why spend the money when Paris works? My clients don't care. They just want their recordings to sound good!

Gantt

"derek" <a@b.com> wrote:

>

>hey guys :-)

>

>

>after seeing how much work is put into the paris project  
>again lately (hats off to mike) ive been thinking about this  
>quite a bit and until now dont quite know how to say it without  
>it coming accross a bit offensive. but since i still am not sure  
>how to put it, i told myself, i might as well just go ahead

>and just put this excuse in advance on top of it ;-) so here goes:

>

>

>with so much manpower going into paris, an essentially dead

>platform, one has to wonder, wouldnt it be smarter to

>put this manpower into something thats, how shall i put it,

>more essential in practical use? exactly how many people are

>still using paris? is it even one hundred?

>

>ive been one of the most enthousiastic supporters of the

>platform but for the life of me, i could not imagine ever

>going back to it after years in the world of full midi and video

>integration, VSTI support, total and complete latency compensation,

>sample precise editing, rendering that actually works, compability, etc

yada

>yada. no amount of DP4 algorithm ports

>is going to change that, and i would assume that many if not

>most ex-paris users feel that way.

>

>so if you operate on this basic assumption (just follow me here

>for the sake of the argument), would it not make much more sense

>to focus on something entirely different?

>like, i would imagine the biggest hit among ex-paris users

>and soon-to-be-ex-paris users would be a conversion application

>that reads paris projects, just the most basic stuff

>like files in use and position info and would convert

>that into...dunno...an OMF maybe? maybe too complicated

>(OMFs crossplatform compability seems to be a constantly moving

>target and suck big time)..maybe just a bunch of rendered

>continous wave files that get their data from the project file

>and the associated pafs?

>

>or maybe a completely different approach, a "hardware driver"

>that fools the paris software into believing a fully functioning

>EDS card with attached audio interface is present - so that

>you can launch paris 3.0 on any computer and use the paris

>software to convert projects into OMFs. you know, just a

>dead end that on the other end pretends to the software

>whatever the software asks for during boot to actually

>get to the project window. no actual audio support, just

>a fake hardware so that you can get to the software level

>where you then could ressurect your files.

>

>i know suggesting something like this is kind of an insult to the work thats

>currently being done (and that is exactly

>what i would want to avoid), but can you see how that would

>make a lot more sense to a lot more people?

>

>to me, these days, the most important thing about paris  
>is the question of how i get past projects off that platform  
>whenever i need to work on them again. i still have a  
>working paris computer in the second control room but its  
>collecting dust, the system is slowly fading away as only  
>outdated pre-XP windows systems were able to do, and  
>the hardware side doesnt look to promising either.  
>  
>and same thing about the effects: porting the awesome and  
>at times timeless effects from ensoniq effect history is  
>great - but why on earth do it for this outdated platform?  
>in the real world i know zero paris users that still use paris  
>(and i used to know a LOT), but i know lots and lots of  
>fans of the good old ensoniq stuff that would pay hard cash  
>for VST ports of some of the ensoniq algorithms.  
>  
>not to mention that you would be able to use those effects  
>in paris then too, on modern computers probably in 50 times  
>more instances than on the EDS card, if you just take the  
>paris eq VST plugin as orientation (try to max out any current  
>machine by opening instances of that plugin - its more or less  
>impossible).  
>  
>  
>i feel like i have to state that again, i so much admire you  
>people who do all this, so please dont get these suggestions  
>wrong.  
>  
>  
>thanks for listening :-)  
>derek

---

Subject: Re: the last paris app we need?  
Posted by [Wayne](#) on Mon, 05 Jan 2009 05:20:28 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi Derek,

No offense from me. Good points.

Midi is critical to me for sequences I create for other projects so I purchased a laptop and Sonar. Tone is not critical here.

There was a time when I wished for a minimal "Paris to go" so that I could do laptop editing while on the road. Now I'm relatively quick and can live without it.

I don't want to sound like the mass public CD's being produced these days in most genres. They sound soul-less to me. It's not the performances per se. I think it's the digital demon and possibly the track count overload (discussed just two days ago). One of the first digital songs I heard on the radio was from Simply Red and I remember it sounded awesome. Clean, clear and open.

I jump'd on Paris in '97 (six months before the MEC was even available) because I dug the real sounds (close to authentic at the time) from Ensoniq's MR-76 keyboard that I purchased the year before. I was still using an 8-track cassette system (jeez . . . my skeleton is out of the closet now) to record my songs and friend's singer/songwriters. To this day I remember the sales person at Sound Chek in New Orleans telling me to wait about a month because Ensoniq was coming out with this system. I almost went Adat at the time and audio hard drives were just beginning. It was a leap of faith. I waited and I wasn't disappointed. Within that first year I met with an Ensoniq rep (at Sound Chek giving a demo of v1.21) and I was jazz'd. I wish I'd remembered his name. Even got a "t"- shirt.

So, to sum up . . . (yes, pun intended) . . . for me, it's the sound.

Wayne

---

---

Subject: Re: the last paris app we need?

Posted by Erling on Mon, 05 Jan 2009 11:03:01 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi to you all,

Allways good to hear from you, Derek. I understand really well your behavings have gone another route than Paris but....

.....some behavings are yet to record the real stuff with use of old tape recording machines.

Have been away from the district here in Norway for over 20 years, but the leading studio here are living well with their 24 channel taperecorder and the TL Audio VTC tube-mixing desk.

Had a long phonetalk with him right before Christmas and shall visit him one of the coming days.

Have talked with some old clients here, from the early years of '80, that have used his studio for years now.

There are plenty of producers and clients yet, that's hating much of what's coming out from the industry today. So I believe Paris is the only computer recording system that will satisfiy some of these "old" ears.

I have both Cubase 4.5 and the new Pro Tools 8 here. Using Cubase a lot and ProTools is just if someone ask what I have, just to get some extra

clients - and then convert them for the "dead Paris-route";-)  
Summasumarum, for what I need to record, it's still Paris. It's the only computer-system that have "the old sound" and have behavings in the "old style", with a modern computer-way of working....

.....so, I believe Paris isn't dead before most of us here have got our graveyard-stone..... ;-)

Thanks for listening

Erling

"derek" <a@b.com> skrev i melding news:49614e91\$1@linux...

>

> i see, The Summing Issue it is :-)

>

> as you might remember, i sailed on that ship quite a few

> years too, and i know exactly what youre talking about.

> having said that though, of course there is no magic

> to the paris sound, its just a combination of things if you ask me:

>

> 1. simple, straightforward clipping and truncating

> 2. the ensoniq converters and their awesome coloring

> (a longtime ensoniq virtue, i.e. also the ASR and ASRX samplers  
> sounded simply amazing whatever you threw at them)

> 3. the fact that you run a mix using only nice ensoniq

> algorithms (and boy, did they have a hand for good sounding

> yet simple effect algorithms)

> 4. (often underestimated) the "direct" feel of the low

> latency interface and (here comes the only thing i would

> give ID credit for and not ensoniq) the smart mouse behaviour

> when i.e. dragging eq values. oh, and the interface and

> its color does help too.

>

>

> thats pretty much it. and while it is a bunch of stuff, its

> a. nothing that cant be done elsewhere and

> b. no summing rocket science. actually the mere summing

> of paris is quite normal, easily testable with the

> usual phase cancellation tests im sure we all have done.

> so after years of limiting myself to paris because of the

> supposedly magic sound character, it really didnt take me

> very long to get right back to this point with another system.

> i color my stuff with my pres (and i kept some ensoniq AD/DAs

> around for a while), i have a million ways of clipping,

> i only use nice plugins (doh!) and with todays machines,

> latency isnt an issue anymore. my dual quad machine lets me open many



> times  
> more stuff than a fully expanded paris would do while  
> running at 1.5ms latency.  
>  
>  
> so, speaking longterm and sound quality only, for a list of things that  
> can  
> really can be had elsewhere  
> too if you invest a little time, you give up so many other things  
> that have a true impact on sound, like proper grouping,  
> sample precise latency correction, processing on group and  
> master channels of any kind you wish, group based ducking,  
> 100% generation loss free bouncing etc etc.  
>  
> at the end of the day, personally i find this just a bad  
> deal not only featurewise, but \*also\* soundwise. these days  
> im doing things in nuendo i could not dream of doing in paris.  
> and i had that system very much pushed to the limit. i did  
> drums subgroup compression over the aux bus (what a pain in the...!). i  
> avoided  
> rendering stuff because it didnt sound  
> right. i made heavy use of the fun ways to clip and distort  
> stuff in paris all the time, id even go as far and claim  
> that i was one of the few people that eventually somewhat figured out  
> the slightly weird paris compressor lookahead behaviour ;-)  
>  
>  
> not trying to "convince" anyone here, i know i wont and  
> i dont intend to. just consider it FYI, if you will :-)  
>  
>  
>  
>  
> "Ted Gerber" <tedgerber@rogers.com> wrote:  
>>  
>>Hi Derek -  
>>  
>>Thanks for the comments. All worthwhile from a source who has  
>>earned respect here over the years. I don't think anyone will take  
>>offense.  
>>There are 2 reasons why I stick with PARIS:  
>>  
>>1. The sound  
>>2. The cost of a significant change  
>>  
>>I use Logic for the things that it does well and all the reasons  
>>you cited, (convenience/productivity issues) and PARIS for tracking/stem  
>>mixing and final bounce.



>>  
>>Summing from Logic out through an analog board gives results that  
>>I like. Summing through PARIS without an analog board gives me  
>>results I like even more. AD converters currently available are  
>>more clear, detailed, smooth etc than the PARIS ones, but I would have to  
>>sink a bunch more cash into this, and would rather not.  
>>  
>>Engineer/Producer friends of mine, who are a lot more experienced  
>>than me, and have a lot more invested than I do, are consistently  
>>pleased/surprised/blown  
>>away by the sonic character of what I can do in PARIS. In fact, on a CD  
> we  
>>just finished, I took the final mixes from Logic, summed out through  
>>analog  
>>to tape, that my mix guy had done, and dropped them into PARIS with no  
>>gain  
>>change, panned L R and re-bounced them. Everyone involved  
>>preferred the PARIS bounces 100% of the time.  
>>  
>>So for me, PARIS right now is still my best choice.  
>>  
>>Peace,  
>>  
>>Ted  
>>  
>>  
>>"derek" <a@b.com> wrote:  
>>>  
>>>hey guys :-)  
>>>  
>>>  
>>>after seeing how much work is put into the paris project  
>>>again lately (hats off to mike) ive been thinking about this  
>>>quite a bit and until now dont quite know how to say it without  
>>>it coming accross a bit offensive. but since i still am not sure  
>>>how to put it, i told myself, i might as well just go ahead  
>>>and just put this excuse in advance on top of it ;-)  
>>>so here goes:  
>>>  
>>>  
>>>with so much manpower going into paris, an essentially dead  
>>>platform, one has to wonder, wouldnt it be smarter to  
>>>put this manpower into something thats, how shall i put it,  
>>>more essential in practical use? exactly how many people are  
>>>still using paris? is it even one hundred?  
>>>  
>>>ive been one of the most enthousiastic supporters of the  
>>>platform but for the life of me, i could not imagine ever  
>>>going back to it after years in the world of full midi and video

>>>integration, VSTI support, total and complete latency compensation,  
>>>sample precise editing, rendering that actually works, compability, etc  
>>yada  
>>>yada. no amount of DP4 algorithm ports  
>>>is going to change that, and i would assume that many if not  
>>>most ex-paris users feel that way.  
>>>  
>>>so if you operate on this basic assumption (just follow me here  
>>>for the sake of the argument), would it not make much more sense  
>>>to focus on something entirely different?  
>>>like, i would imagine the biggest hit among ex-paris users  
>>>and soon-to-be-ex-paris users would be a conversion application  
>>>that reads paris projects, just the most basic stuff  
>>>like files in use and position info and would convert  
>>>that into...dunno...an OMF maybe? maybe too complicated  
>>>(OMFs crossplatform compability seems to be a constantly moving  
>>>target and suck big time)..maybe just a bunch of rendered  
>>>continous wave files that get their data from the project file  
>>>and the associated pafs?  
>>>  
>>>or maybe a completely different approach, a "hardware driver"  
>>>that fools the paris software into believing a fully functioning  
>>>EDS card with attached audio interface is present - so that  
>>>you can launch paris 3.0 on any computer and use the paris  
>>>software to convert projects into OMFs. you know, just a  
>>>dead end that on the other end pretends to the software  
>>>whatever the software asks for during boot to actually  
>>>get to the project window. no actual audio support, just  
>>>a fake hardware so that you can get to the software level  
>>>where you then could ressurect your files.  
>>>  
>>>i know suggesting something like this is kind of an insult to the work  
> thats  
>>>currently being done (and that is exactly  
>>>what i would want to avoid), but can you see how that would  
>>>make a lot more sense to a lot more people?  
>>>  
>>>to me, these days, the most important thing about paris  
>>>is the question of how i get past projects off that platform  
>>>whenever i need to work on them again. i still have a  
>>>working paris computer in the second control room but its  
>>>collecting dust, the system is slowly fading away as only  
>>>outdated pre-XP windows systems were able to do, and  
>>>the hardware side doesnt look to promising either.  
>>>  
>>>and same thing about the effects: porting the awesome and  
>>>at times timeless effects from ensoniq effect history is  
>>>great - but why on earth do it for this outdated platform?

>>>in the real world i know zero paris users that still use paris  
>>>(and i used to know a LOT), but i know lots and lots of  
>>>fans of the good old ensoniq stuff that would pay hard cash  
>>>for VST ports of some of the ensoniq algorithms.  
>>>  
>>>not to mention that you would be able to use those effects  
>>>in paris then too, on modern computers probably in 50 times  
>>>more instances than on the EDS card, if you just take the  
>>>paris eq VST plugin as orientation (try to max out any current  
>>>machine by opening instances of that plugin - its more or less  
>>>impossible).  
>>>  
>>>  
>>>i feel like i have to state that again, i so much admire you  
>>>people who do all this, so please dont get these suggestions  
>>>wrong.  
>>>  
>>>  
>>>thanks for listening :-)  
>>>derek  
>>  
>

---

Subject: Re: the last paris app we need?  
Posted by [derek](#) on Mon, 05 Jan 2009 11:15:56 GMT  
[View Forum Message](#) <> [Reply to Message](#)

"Ted Gerber" <tedgerber@rogers.com> wrote:  
>the sonic/summing issue was only half of the 2 reasons I listed.

so i take it you then agree with the points i made there? ;-)

>The second was the cost of making a significant change.

totally true: cant argue with the price point of a dead system.  
its why i would never sell my (pretty big) paris rig, it would go for ridiculously  
low prices so id rather keep it.

---

Subject: Re: the last paris app we need?  
Posted by [derek](#) on Mon, 05 Jan 2009 11:31:55 GMT  
[View Forum Message](#) <> [Reply to Message](#)

"Mike Audet" <mike@....> wrote:

>Hi Derek,

>

>No offense taken. Would it make more sense to put effort into writing software  
>to convert PARIS projects to something else? Not for me. I use PARIS.

>I couldn't care less about porting projects out.

that sure makes a lot of sense :-)

bad luck for me, but good for you :-)

>I like PARIS the way it is. Also, I refuse to use anything that is host  
>based,

im tempted to say youre doing yourself a disservice here.

i can see how one could come to the conclusion that native systems were bullshit in the past, but IMO this has changed recently. to me - and im a heavy plugin user - the magic moment was somewhere when pcs went past 4 cores running at above 2 GHZ, to use a simplified picture. i currently use a dual quadcore (8 cores at 2.33ghz) and its the first machine where i can NOT

max out the CPU, no matter what i throw at it.

as absurd as it is, my new bottleneck now is memory. i run out of memory just by opening effect plugins before i run out of CPU power.

so, while i too considered native systems to be shaky bitches with high latency for years, these days i say - not anymore. not by a long shot. these things rule big time now.

oh, and they run in circles even around fully expanded protocols HD rig too now. i remember that time where they benchmarked some new waves plugin and it ran on around 180 instances on a huge PTHD setup, which sounded impressive until you heard that a dual quadcore xeon ran the same algorithm in VST some 650 times (!!)

and that leaves Pro Tools and PARIS. I refuse to give even one more  
>dime to Digidesign, so that leaves PARIS.

im fully with you on that digidesign sentiment ;-)

>I synch Cakewalk Pro Audio 9 to PARIS via MTC. I use a EMU ESI2000 sampler.

thats the kind of stuff that really sounds like a headache to me. triple project maintenance, longer sound path, realtime bouncing of tracks, EMU samplers (i had an e4k for a while in the studio and compared to the ensoniq sound it...did not sound as good ;-)

>Why should anyone spend thousands of dollars on a new system that may make >things easier, but won't make one's recordings sound any better?

see my previous post. i want to stress that im not saying this in hopes to "convert" you, i really am not. i know the feeling of being in love with ye olde ensoniq puppy :-)  
but just on the basis of a what-sounds-good-and-what-doesnt discussion between people that dig good sound, i still have to disagree. its simply NOT only about ease of use. it also is very much about sound. (copying from my other post) proper grouping, sample precise latency correction, processing on group and master channels of any kind you wish, group based ducking, 100% generation loss free bouncing etc etc. all make a difference in sound, and a huge one at times.

i would go even further and argue that even "ease of use" can make a difference in sound. in paris, how many times had i thought to myself "do i give myself the headache of a drum submix compression through the aux bus? or do i need it to be compressed by some other compressor, so do i do a submix now? am i ready for that to be submixed at all?" and then sometimes going through with it (taking a lot of time), sometimes not because of the amount of work involved. in a modern system, its a no brainer. you just do it when your engineer instinct demands it, and you choose the compressor with the characteristics you need on the spot, and if you then think that the compression stresses the basedrum a bit too much, you simply move that fader. all that results in good sound.

or using UAD. come on, how often have you thought "am i really willing to go through this whole manual latency compensation business for just that one more UAD effect"? on a modern

system, a no brainer. you just open the plugin you want to open.

of stuff that simply is completely impossible to do...i.e. where i live, vocals need to be louder than a typical US mix by an average of around 1.5db (due to our language being less easy to understand in a thick mix than english). that of course has an impact of how "fat" the playback comes accross of course. but you can get almost an entire db of that back by doing subtle ducking on anything that is in the vocals frequency range, i.e. all guitars, keyboards, but not drums or base being ducked by the lead vocal.

of course such a thing is virtually impossible to plan in advance (believe me ive tried ;-). its really only possible if you have completely free routing and can route anything anywhere at anytime.

this is not ease of use stuff. its about sound.

Also, consider  
>that when in a few years, that system will be worth a few hundred dollars,  
>if that. The depreciation on DAW hardware is worse than on a car.

thats true for any digital system of any kind of course.

>Here's an example: I bought three UAD1 cards (for around \$100 each) planning  
>to "upgrade" my EQ to the Cambridge. The PARIS EQ sounds better.

well uh...why did you use the cambridge eq of all things???  
thats more or less a modern version of the waves q10, an analytic digital eq, not a "character" eq like the paris one is. UAD has a couple of very nice eqs, the pultecs and neves are awesome, and the precision mastering eq is simply the best digital eq ive ever heard with to my ears an almost perfect mix of character and smoothness on the one hand, yet still dead accurate precision and "bite" when needed on the other hand. i fall in love again and again every time i open this one. "best-eq-ever" ;-)

i love the paris eq, but its really in another league here. its very easy to dial in nice and cool settings, but its not

without its flaws, being a little wishy washy in the highs, being a little phasey in the low range. still a super cool channel eq though, thats for sure.

>As it is, I LOVE the Dp/Pro Hall. My Lexicon MPX1 isn't even plugged in  
>right now. I love the PARIS Eq.

second all of that :-)

> I love having no latency when I'm recording.

modern native rigs dont have any noticable latency when recording while still offering multiple times the plugin beef. even a mortal single quadcore from the intel consumer line would give you dozens of decent plugins at 1.5ms.

>I will eventually be porting at least some of the effects to VST, but I've  
>got PARIS to run the effects right now, so VST isn't a priority. ASIO is  
>a priority. With ASIO, I'll be able to use the PARIS hardware with newer  
>software when it makes sense to do so. I love the spectral editing in Audition.  
> Getting that working makes sense to me.

i hope it comes accross that i discuss all of this in good spirit and just on a from-geek-to-geek basis ;-)  
having said that, may i still slip in a super theoretical question: if you really are able to do something that high tech as an asio driver for the MEC hardware, would that "fake driver to start the paris app without actual hardware to save projects from extinction even where no hardware is present" be within your technological reach?

you know, strictly theoretically speaking, maybe for that time in ten years when you finally decide to move on and stuff ;-)

>I'm glad you're happy with whatever you are using now. But, so are many  
>of us.



i dont doubt it for a second. ive been a paris user from late 97 till...2005 i believe. loved the system, adored the company. what a loss that was when they were eaten by %&/%(/\$/ creative and merged into nonexistence by emu :-(

best,  
derek

---

---

Subject: Re: the last paris app we need?  
Posted by [derek](#) on Mon, 05 Jan 2009 11:37:53 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"James McCloskey" <excelsm@hotmail.com> wrote:

>Hey if you like to send me all your old Paris stuff, I'd be glad to pay  
for  
>the shipping...; )  
>  
>James

haha youd like that wouldnt you :-)  
only over my dead corpse!(if thats a saying in english at all)

i could maybe rethink this the day when some kind of "paris project ressurection software" or driver like i talked about exists, but until then, in addition to my emotional attachment to that dusty old rig, its also my only way to export and convert past projects.

---

---

Subject: Re: the last paris app we need?  
Posted by [derek](#) on Mon, 05 Jan 2009 11:58:51 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Kerry Galloway <kg@kerrygalloway.com> wrote:  
>> not trying to "convince" anyone here, i know i wont and  
>> i dont intend to. just consider it FYI, if you will :-)  
>  
>LOL.

aw come one man, no reason to "lol" into anyones faces here :-)  
all in good spirit. i used to be a paris zombie too (i even go  
as far back to know that the term paris zombie is a positive one :-)

>If you can find me a zero latency DAW that permits tracking at that zero  
>latency through FX

there is no such thing as zero latency. of course paris  
has a latency, i dont remember the measurements exactly but they  
circled around this NG too. i think it was something like  
2.something milliseconds for one signal trip through mixing engine and converters  
(=what you hear when you track a signal).

making a "no latency at all in paris versus some latency elsewhere" argument  
that seems like a comparison of  
absolutes is being dishonest to yourself. the reality is more a gradual one  
like 2 milliseconds versus 3 milliseconds (my converters are nicely  
fast and partly make up for the 1.5 milliseconds the VST  
engine loses in comparison to the paris engine).

>, includes a dedicated and high-quality hardware control  
>surface with automation and a shuttle wheel,

....with no motorfaders and potentiometers that start to skip  
randomly after a while like unfortunately most late ensoniq  
gear did (that was a really bad shipment of potis they got  
there in their late days, the ASR and ASRX suffered from  
that problem too) :-)

but yeah, the c16 was cool. the shuttlewheel ruled.  
of course it was slightly pointless because its only  
application that made sense was to move the now line around  
(editing was faster and more precise with the mouse,  
scrubbing was too unreliable) and you might as well use  
two keys to move the now line around, but it sure was FUN  
to use it. i think i have FOUR c16s in the closet, and  
most of them have that cool spot where the black color completely  
wore of between the transport and the wheel.  
they say "ive been USED a LOT, so i must have been useful" :-)

has internal mixing  
>capabilities,

which daw doesnt have that? :-)

here id argue that as far as the featureset of internal mixing goes, paris loses the battle against almost anything else these days, in terms of flexibility and routing not to mention in terms of anything more advanced like object volume or, god forbid, the awesome object based mixing capabilities of hosts like samplitude and sequoia.

my personal "heureka" moment was when at some point i realized that 1. i didnt want to live with the bugs of paris 3 anymore and 2. i wanted to route stuff to groups and do sum processing on groups damnit! i mean, thats like one of the most essential mixing techniques there is!

expandable I/O at about \$150 per eight extra channels and >killer fat-sounding sonics overall

again, cant argue with the price of a dead system. and the I/O that shipped with wonderful doses of ensoniq-ness in sound for so little money per 8 channels was already a steal when they were still sold full price brandnew.

you wont get any argument there from me, ever :-)

as i said, i used to keep some ensoniq ADDA around just for the fun and coolness of it. eventually i switched to do all my coloring via pres, but it doesnt mean i lost my love for the ensoniq magic there :-)

>Of course, it's also got to be under six hundred bucks US, which is about >what I paid for all those capabilities - my double Bundle III \*and\* the >computer to run it. Whaddya got that'll get me those features at that price >point?

>

>:D

nothing, but then, it also wouldnt come with all the limitations and with IDs paris 3.0 software bugfest. in that sense, the old "you get what you pay for" rule applies as always.

best,  
derek

p.s.: i really did not want to turn this into a "paris pro and con" discussion.  
for now i keep going as long as its all good  
clean fun, but if anyone is annoyed, one word and i will stop  
this immediately. its not what i came here for :-)

---

---

Subject: Re: the last paris app we need?  
Posted by [derek](#) on Mon, 05 Jan 2009 12:02:55 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"Tom Bruhl" <arpeggio@comcast.net> wrote:  
>~ Hi Derek,  
>I think what you're finding is a bunch of fairly content users.

yes, i just realized that :-) quite amazing actually.

>I still blame you for interesting me in softsynths. Now I'm  
>loaded with really cool stuff. Thanks!!!

i apologize ;-) but its amazing how far this has come in so  
little time, huh? just recently i tried out the new BFD 2  
and i couldnt help but think back to the beginnings of this  
technology where id freak out about some fxpansion  
drummachine thingy simply because of its timing.  
and its really not long ago at all! amazing how  
much has happened...

best,  
derek

---

---

Subject: Re: the last paris app we need?  
Posted by [Aaron Allen](#) on Mon, 05 Jan 2009 14:25:55 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"derek" <a@b.com> wrote in message news:4961e7eb\$1@linux...

>  
> there is no such thing as zero latency. of course paris  
> has a latency, i dont remember the measurements exactly but they  
> circled around this NG too. i think it was something like

> 2.something milliseconds for one signal trip through mixing engine and  
> converters  
> (=what you hear when you track a signal).  
>

1.5mSec round trip is what BT came up to.

---

---

Subject: Re: the last paris app we need?

Posted by [Aaron Allen](#) on Mon, 05 Jan 2009 14:29:25 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Don't rule out Creamware for card DSP. :)

AA

"derek" <a@b.com> wrote in message news:4961e19b\$1@linux...

>  
> "Mike Audet" <mike@....> wrote:  
>>Hi Derek,  
>>  
>>No offense taken. Would it make more sense to put effort into writing  
>>software  
>>to convert PARIS projects to something else? Not for me. I use PARIS.  
>  
>>I couldn't care less about porting projects out.  
>  
>  
> that sure makes a lot of sense :-)  
> bad luck for me, but good for you :-)  
>  
>  
>>I like PARIS the way it is. Also, I refuse to use anything that is host  
>>based,  
>  
>  
> im tempted to say youre doing yourself a disservice here.  
> i can see how one could come to the conclusion that native  
> systems were bullshit in the past, but IMO this has  
> changed recently. to me - and im a heavy plugin user - the  
> magic moment was somewhere when pcs went past 4 cores running at  
> above 2 GHZ, to use a simplified picture. i currently use a  
> dual quadcore (8 cores at 2.33ghz) and its the first machine where i can  
> NOT  
> max out the CPU, no matter what i throw at it.  
> as absurd as it is, my new bottleneck now is memory. i run  
> out of memory just by opening effect plugins before i run  
> out of CPU power.

>  
> so, while i too considered native systems to be shaky bitches  
> with high latency for years, these days i say - not anymore. not by  
> a long shot. these things rule big time now.  
> oh, and they run in circles even around fully expanded  
> protocols HD rig too now. i remember that time where they  
> benchmarked some new waves plugin and it  
> ran on around 180 instances on a huge PTHD setup, which  
> sounded impressive until you heard that a dual quadcore  
> xeon ran the same algorithm in VST some 650 times (!!)  
>  
>  
>  
>  
> and that leaves Pro Tools and PARIS. I refuse to give even one more  
>>dime to Digidesign, so that leaves PARIS.  
>  
>  
> im fully with you on that digidesign sentiment ;-)  
>  
>  
>  
>>I synch Cakewalk Pro Audio 9 to PARIS via MTC. I use a EMU ESI2000  
>>sampler.  
>  
>  
> thats the kind of stuff that really sounds like a headache  
> to me. triple project maintenance, longer sound path, realtime  
> bouncing of tracks, EMU samplers (i had an e4k for a while  
> in the studio and compared to the ensoniq sound it...did not  
> sound as good ;-)  
>  
>  
>>Why should anyone spend thousands of dollars on a new system that may make  
>>things easier, but won't make one's recordings sound any better?  
>  
>  
> see my previous post. i want to stress that im not saying  
> this in hopes to "convert" you, i really am not. i know  
> the feeling of being in love with ye olde ensoniq puppy :-)  
> but just on the basis of a what-sounds-good-and-what-doesnt  
> discussion between people that dig good sound, i still have  
> to disagree. its simply NOT only about ease of use.  
> it also is very much about sound. (copying from my  
> other post) proper grouping,  
> sample precise latency correction, processing on group and  
> master channels of any kind you wish, group based ducking,  
> 100% generation loss free bouncing etc etc. all make a difference

> in sound, and a huge one at times.  
>  
> i would go even further and argue that even "ease of use"  
> can make a difference in sound. in paris, how many times had i  
> thought to myself "do i give myself the headache of  
> a drum submix compression through the aux bus? or do i need  
> it to be compressed by some other compressor, so do i do a submix  
> now? am i ready for that to be submixed at all?" and then sometimes going  
> through with it  
> (taking a lot of time), sometimes not because of the amount  
> of work involved. in a modern system, its a no brainer.  
> you just do it when your engineer instinct demands it,  
> and you choose the compressor with the characteristics you  
> need on the spot, and if you then think that the compression  
> stresses the basedrum a bit too much, you simply move  
> that fader. all that results in good sound.  
>  
> or using UAD. come on, how often have you thought "am i really  
> willing to go through this whole manual latency compensation  
> business for just that one more UAD effect"? on a modern  
> system, a no brainer. you just open the plugin you want to  
> open.  
>  
> of stuff that simply is completely impossible to do...i.e.  
> where i live, vocals need to be louder than a typical US mix  
> by an average of around 1.5db (due to our language  
> being less easy to understand in a thick mix than english).  
> that of course has an impact of  
> how "fat" the playback comes accross of course.  
> but you can get almost an entire db of that back by doing  
> subtle ducking on anything that is in the vocals frequency  
> range, i.e. all guitars, keyboards, but not drums or base  
> being ducked by the lead vocal.  
>  
> of course such a thing is virtually impossible to plan  
> in advance (believe me ive tried ;-). its really only possible  
> if you have completely free routing and can route anything  
> anywhere at anytime.  
>  
> this is not ease of use stuff. its about sound.  
>  
>  
> Also, consider  
>>that when in a few years, that system will be worth a few hundred dollars,  
>>if that. The depreciation on DAW hardware is worse than on a car.  
>  
>  
> thats true for any digital system of any kind of course.



>  
>  
>  
>>Here's an example: I bought three UAD1 cards (for around \$100 each)  
>>planning  
>>to "upgrade" my EQ to the Cambridge. The PARIS EQ sounds better.  
>  
>  
> well uh...why did you use the cambridge eq of all things???  
> thats more or less a modern version of the waves q10, an  
> analytic digital eq, not a "character" eq like the paris one  
> is. UAD has a couple of very nice eqs, the pultecs and neves  
> are awesome, and the precision mastering eq is simply the  
> best digital eq ive ever heard with to my ears an almost  
> perfect mix of character and smoothness on the one hand,  
> yet still dead accurate precision and "bite" when needed  
> on the other hand. i fall in love again and again every time  
> i open this one. "best-eq-ever" ;-)  
>  
> i love the paris eq, but its really in another league here.  
> its very easy to dial in nice and cool settings, but its not  
> without its flaws, being a little wishy washy in the highs,  
> being a little phasey in the low range. still a super  
> cool channel eq though, thats for sure.  
>  
>  
>  
>>As it is, I LOVE the Dp/Pro Hall. My Lexicon MPX1 isn't even plugged in  
>>right now. I love the PARIS Eq.  
>  
>  
> second all of that :-)  
>  
>  
>  
>> I love having no latency when I'm recording.  
>  
>  
> modern native rigs dont have any noticable latency when recording  
> while still offering multiple times the plugin beef.  
> even a mortal single quadcore from the intel consumer line  
> would give you dozens of decent plugins at 1.5ms.  
>  
>  
>  
>>I will eventually be porting at least some of the effects to VST, but I've  
>>got PARIS to run the effects right now, so VST isn't a priority. ASIO is  
>>a priority. With ASIO, I'll be able to use the PARIS hardware with newer

>>software when it makes sense to do so. I love the spectral editing in  
>>Audition.  
>> Getting that working makes sense to me.  
>  
>  
> i hope it comes accross that i discuss all of this in good  
> spirit and just on a from-geek-to-geek basis ;-)  
> having said that, may i still slip in a super theoretical question: if you  
> really are able to do something  
> that high tech as an asio driver for the MEC hardware, would  
> that "fake driver to start the paris app without actual hardware  
> to save projects from extinction even where no hardware is  
> present" be within your technological reach?  
>  
> you know, strictly theoretically speaking,  
> maybe for that time in ten years when you finally  
> decide to move on and stuff ;-)  
>  
>  
>>I'm glad you're happy with whatever you are using now. But, so are many  
>>of us.  
>  
>  
> i dont doubt it for a second. ive been a paris user from  
> late 97 till...2005 i believe. loved the system, adored the  
> company. what a loss that was when they were eaten by  
> %&/%(%\$/ creative and merged into nonexistence by emu :-(  
>  
>  
>  
>  
> best,  
> derek

---

Subject: Re: the last paris app we need?  
Posted by [Neil](#) on Mon, 05 Jan 2009 15:44:49 GMT  
[View Forum Message](#) <> [Reply to Message](#)

"derek" <a@b.com> wrote:  
>so if you operate on this basic assumption (just follow me here  
>for the sake of the argument), would it not make much more sense  
>to focus on something entirely different?  
>like, i would imagine the biggest hit among ex-paris users  
>and soon-to-be-ex-paris users would be a conversion application  
>that reads paris projects, just the most basic stuff  
>like files in use and position info and would convert  
>that into...dunno...an OMF maybe? maybe too complicated

>(OMFs crossplatform compability seems to be a constantly moving  
>target and suck big time)..maybe just a bunch of rendered  
>continous wave files that get their data from the project file  
>and the associated pafs?

Hey Derek... if your main need with regard to Paris is being able to port stuff out of it into other apps, would it not make sense to simply acquire a few ADAT cards & lightpipe the songs out in real-time? For mega-channel projects where even several ADAT cards might not be enough to do it in one pass, all you'd have do is to make sure that each machine was started at the very beginning point of each project & then nudge or slide the incoming DAW tracks to the starting point... IOW, you would even have to worry about syncing the two DAW's - as long as they were either word-clocked together or you had the incoming DAW set to lightpipe sync, you'd be fine. I can't imagine that even on large multi-song projects, this would add more than a couple or three hours of transfer time to the client's bill... probably not much more than a software-based exporting application would take, considering the rendering, copying to whatever transfer media you chose, then importing into the new DAW app, etc.

Just a suggestion for you... heck, maybe this is what you're doing already, for all I know. :)

Neil

---

Subject: Re: the last paris app we need?  
Posted by [excelav](#) on Mon, 05 Jan 2009 20:08:02 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Derek since you mentioned the C-16, FYI, Paris maybe getting a new control surface with moving faders, thanks to Doug W. Paris still lives!

"derek" <a@b.com> wrote:

>

>Kerry Galloway <kg@kerrygalloway.com> wrote:

>>> not trying to "convince" anyone here, i know i wont and

>>> i dont intend to. just consider it FYI, if you will :-)

>>

>>LOL.

>

>

>aw come one man, no reason to "lol" into anyones faces here :-)

>all in good spirit. i used to be a paris zombie too (i even go

>as far back to know that the term paris zombie is a positive one :-)

>  
>  
>>If you can find me a zero latency DAW that permits tracking at that zero  
>>latency through FX  
>  
>  
>there is no such thing as zero latency. of course paris  
>has a latency, i dont remember the measurements exactly but they  
>circled around this NG too. i think it was something like  
>2.something milliseconds for one signal trip through mixing engine and converters  
>(=what you hear when you track a signal).  
>  
>making a "no latency at all in paris versus some latency elsewhere" argument  
>that seems like a comparison of  
>absolutes is being dishonest to yourself. the reality is more a gradual  
one  
>like 2 milliseconds versus 3 milliseconds (my converters are nicely  
>fast and partly make up for the 1.5 milliseconds the VST  
>engine loses in comparison to the paris engine).  
>  
>  
>>, includes a dedicated and high-quality hardware control  
>>surface with automation and a shuttle wheel,  
>  
>  
>...with no motorfaders and potentiometers that start to skip  
>randomly after a while like unfortunately most late ensoniq  
>gear did (that was a really bad shipment of potis they got  
>there in their late days, the ASR and ASRX suffered from  
>that problem too) :-)  
>  
>but yeah, the c16 was cool. the shuttlewheel ruled.  
>of course it was slightly pointless because its only  
>application that made sense was to move the now line around  
>(editing was faster and more precise with the mouse,  
>scrubbing was too unreliable) and you might as well use  
>two keys to move the now line around, but it sure was FUN  
>to use it. i think i have FOUR c16s in the closet, and  
>most of them have that cool spot where the black color completely  
>wore of between the transport and the wheel.  
>they say "ive been USED a LOT, so i must have been useful" :-)  
>  
>  
> has internal mixing  
>>capabilities,  
>  
>  
>which daw doesnt have that? :-)

>here id argue that as far as the featureset of internal mixing  
>goes, paris loses the battle against almost anything else  
>these days, in terms of flexibility and routing not to mention  
>in terms of anything more advanced like object volume or,  
>god forbid, the awesome object based mixing capabilities of  
>hosts like samplitude and sequoia.  
>my personal "heureka" moment was when at some point i realized  
>that 1. i didnt want to live with the bugs of paris 3 anymore and  
>2. i wanted to route stuff to groups and do sum processing  
>on groups damnit! i mean, thats like one of the most essential  
>mixing techniques there is!  
>  
>  
>  
> expandable I/O at about \$150 per eight extra channels and  
>>killer fat-sounding sonics overall  
>  
>  
>again, cant argue with the price of a dead system. and  
>the I/O that shipped with wonderful doses of ensoniq-ness  
>in sound for so little money per 8 channels was already a steal  
>when they were still sold full price brandnew.  
>you wont get any argument there from me, ever :-)  
>as i said, i used to keep some ensoniq ADDA around just  
>for the fun and coolness of it. eventually i switched to  
>do all my coloring via pres, but it doesnt mean i lost  
>my love for the ensoniq magic there :-)  
>  
>  
>  
>>Of course, it's also got to be under six hundred bucks US, which is about  
>>what I paid for all those capabilities - my double Bundle III \*and\* the  
>>computer to run it. Whaddya got that'll get me those features at that price  
>>point?  
>>  
>>:D  
>  
>  
>nothing, but then, it also wouldnt come with all the limitations  
>and with IDs paris 3.0 software bugfest. in that sense, the  
>old "you get what you pay for" rule applies as always.  
>  
>  
>best,  
>derek  
>  
>  
>p.s.: i really did not want to turn this into a "paris pro and con" discussion.

>for now i keep going as long as its all good  
>clean fun, but if anyone is annoyed, one word and i will stop  
>this immediately. its not what i came here for :-)

---

---

Subject: Re: the last paris app we need?  
Posted by [Don Nafe](#) on Mon, 05 Jan 2009 23:11:56 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hey Deej

I read your previous post on drumtracker...is it as easy to use as the demo video shows

Have you tried it on overheads?

"deej" <noway@jose.net> wrote in message news:496293f7\$1@linux...

>

> "derek" <a@b.com> wrote:

>>

>>"Tom Bruhl" <arpeggio@comcast.net> wrote:

>>>~ Hi Derek,

>>>I think what you're finding is a bunch of fairly content users.

>>

>>

>>yes, i just realized that :-) quite amazing actually.

>>

>>

>>>I still blame you for interesting me in softsynths. Now I'm

>>>loaded with really cool stuff. Thanks!!!

>>

>>

>>i apologize ;-) but its amazing how far this has come in so

>>little time, huh? just recently i tried out the new BFD 2

>>and i couldnt help but think back to the beginnings of this

>>technology where id freak out about some fxpansion

>>drummachine thingy simply because of its timing.

>>and its really not long ago at all! amazing how

>>much has happened...

>>

>>

>>best,

>>derek

>

> I'm using Toontrack Drumtracker with BFD2 for replacement/enhancement of

> some less-than-great tracks in a project I'm mixing. Everything is so  
> tight  
> and phase coherent that it's downright amazing.  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [derek](#) on Mon, 05 Jan 2009 23:18:56 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"Neil" <OIUIOU@OUI.com> wrote:  
heck, maybe this is what you're  
>doing already, for all I know. :)

i tried that route for a while, until i realized  
that within the time i take for all the routing,  
troubleshooting and restarts because of hiccups of  
one kind or the other, i might as well just export  
selections of tracks within paris at a time.

my interest is not so much in saving a few man hours.  
its more for the times when the hardware will eventually  
bite the dust. and that day is coming. not to mention  
the slowly fading software compability etc. already today,  
my only chance of opening a project as is with all  
settings and plugs in place it to actually maintain  
my win 98 machine from back then. and that just feels like  
a ticking bomb to me.

---

---

Subject: Re: the last paris app we need?  
Posted by [Deej \[5\]](#) on Tue, 06 Jan 2009 00:12:55 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"derek" <a@b.com> wrote:  
>  
>"Tom Bruhl" <arpeggio@comcast.net> wrote:  
>>~ Hi Derek,  
>>I think what you're finding is a bunch of fairly content users.  
>  
>  
>yes, i just realized that :-) quite amazing actually.  
>  
>  
>>I still blame you for interesting me in softsynths. Now I'm



>>loaded with really cool stuff. Thanks!!!  
>  
>  
>i apologize ;-) but its amazing how far this has come in so  
>little time, huh? just recently i tried out the new BFD 2  
>and i couldnt help but think back to the beginnings of this  
>technology where id freak out about some fxpansion  
>drummachine thingy simply because of its timing.  
>and its really not long ago at all! amazing how  
>much has happened...  
>  
>  
>best,  
>derek

I'm using Toontrack Drumtracker with BFD2 for replacement/enhancement of some less-than-great tracks in a project I'm mixing. Everything is so tight and phase coherent that it's downright amazing.

---

---

Subject: Re: the last paris app we need?  
Posted by [Deej \[5\]](#) on Tue, 06 Jan 2009 01:09:21 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"Don Nafe" <[dnafe@rogers.com](mailto:dnafe@rogers.com)> wrote:  
>Hey Deej  
>  
>I read your previous post on drumtracker...is it as easy to use as the demo  
  
>video shows  
>  
>Have you tried it on overheads?  
>  
It's easy to use on mono tracks. Haven't tried it on overheads.

---

---

Subject: Re: the last paris app we need?  
Posted by [Deej \[5\]](#) on Tue, 06 Jan 2009 01:21:55 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"Deej" <[noway@jose.net](mailto:noway@jose.net)> wrote:  
>  
>"Don Nafe" <[dnafe@rogers.com](mailto:dnafe@rogers.com)> wrote:  
>>Hey Deej  
>>  
>>I read your previous post on drumtracker...is it as easy to use as the demo

>  
>>video shows  
>>  
>>Have you tried it on overheads?  
>>  
>It's easy to use on mono tracks. Haven't tried it on overheads.

These are roughs from the seemingly never ending punkabilly project. All of them have BFD2 working with the kick, snare and toms. they are being brought up under the overheads and other individual tracks to enhance what was recorded. There is a lo of the sampled room ambience in these. It's really helping me get them dialed in a bit better. These mixes were bounced to around -2dB and are waiting on comment from the pr4oducer before we move on.

[http://www.mediafire.com/file/myuwym2jqd/BILLY SLIDE 12-20-FOR HIDDEN TRACK.mp3](http://www.mediafire.com/file/myuwym2jqd/BILLY_SLIDE_12-20-FOR_HIDDEN_TRACK.mp3)

[http://www.mediafire.com/file/niwwmajiakw/BOYS AND TOYS NEW YEARS EVE.mp3](http://www.mediafire.com/file/niwwmajiakw/BOYS_AND_TOYS_NEW_YEARS_EVE.mp3)

[http://www.mediafire.com/file/mnlcmmnul3/COPS ON BIKES 12-28-08.mp3](http://www.mediafire.com/file/mnlcmmnul3/COPS_ON_BIKES_12-28-08.mp3)

[http://www.mediafire.com/file/zjwhtymhdi1/Get a Job NEW YEARS EVE.mp3](http://www.mediafire.com/file/zjwhtymhdi1/Get_a_Job_NEW_YEARS_EVE.mp3)

[http://www.mediafire.com/file/zjwhtymhdi1/Get a Job NEW YEARS EVE.mp3](http://www.mediafire.com/file/zjwhtymhdi1/Get_a_Job_NEW_YEARS_EVE.mp3)

---

---

Subject: Re: the last paris app we need?  
Posted by [Ted Gerber](#) on Tue, 06 Jan 2009 01:33:59 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Really good sounds overall. I have BFD 1.8 but there are problems with it and Logic 8, or so it seems. I have NFI how to get TFTW...

In the meantime, I use DGog.

Ted

"Deej" <noway@jose.net> wrote:

>

>"Deej" <noway@jose.net> wrote:

>>

>>"Don Nafe" <dnafe@rogers.com> wrote:

>>>Hey Deej

>>>

>>>I read your previous post on drumtracker...is it as easy to use as the

>demo

>>

>>>video shows

>>>  
>>>Have you tried it on overheads?  
>>>  
>>It's easy to use on mono tracks. Haven't tried it on overheads.  
>  
>These are roughs from the seemingly never ending punkabilly project. All  
>of them have BFD2 working with the kick, snare and toms. they are being  
brought  
>up under the overheads and other individual tracks to enhance what was recorded.  
>There is a lo of the sampled room ambience in these. It's really helping  
>me get them dialed in a bit better. These mixes were bounced to around -2dB  
>and are waiting on comment from the pr4oducer before we move on.  
>  
>[http://www.mediafire.com/file/myuwym2jiqd/BILLY SLIDE 12-20-FOR HIDDEN TRACK.mp3](http://www.mediafire.com/file/myuwym2jiqd/BILLY_SLIDE_12-20-FOR_HIDDEN_TRACK.mp3)  
>  
>[http://www.mediafire.com/file/niwwmajiakw/BOYS AND TOYS NEW YEARS EVE.mp3](http://www.mediafire.com/file/niwwmajiakw/BOYS_AND_TOYS_NEW_YEARS_EVE.mp3)  
>  
>[http://www.mediafire.com/file/mnlcmnuld3/COPS ON BIKES 12-28-08.mp3](http://www.mediafire.com/file/mnlcmnuld3/COPS_ON_BIKES_12-28-08.mp3)  
>  
>[http://www.mediafire.com/file/zjwhtymhdi1/Get a Job NEW YEARS EVE.mp3](http://www.mediafire.com/file/zjwhtymhdi1/Get_a_Job_NEW_YEARS_EVE.mp3)  
>  
>[http://www.mediafire.com/file/zjwhtymhdi1/Get a Job NEW YEARS EVE.mp3](http://www.mediafire.com/file/zjwhtymhdi1/Get_a_Job_NEW_YEARS_EVE.mp3)

---

---

Subject: Re: the last paris app we need?  
Posted by [Rod Lincoln](#) on Tue, 06 Jan 2009 04:36:56 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

yup, here it is, copied from the post

"round trip via Mec 24 bit is 60 samples or 1.36 ms at 44.1 or 1.25 ms at 48k

Total record and monitor path 24 bit in to 24 bit out is 66 samples or 1.5 ms at 44.1 or 1.375 ms at 48k"

Rod

"Aaron Allen" <[know-spam@not\\_here.dude](mailto:know-spam@not_here.dude)> wrote:

>  
>"derek" <[a@b.com](mailto:a@b.com)> wrote in message [news:4961e7eb\\$1@linux...](news:4961e7eb$1@linux...)  
>  
>>  
>> there is no such thing as zero latency. of course paris  
>> has a latency, i dont remember the measurements exactly but they  
>> circled around this NG too. i think it was something like  
>> 2.something milliseconds for one signal trip through mixing engine and

>> converters  
>> (=what you hear when you track a signal).  
>>  
>  
>1.5mSec round trip is what BT came up to.  
>  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [kerryg](#) on Tue, 06 Jan 2009 04:41:14 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

I use both, myself. Logic Pro 8 and RME for the features and modernity,  
PARIS for what I'm looking for sonically.

- K

On 1/5/09 8:54 PM, in article 4962d602\$1@linux, "Neil" <OIOIU@oiu.com>  
wrote:

>  
> Derek... I gotcha. BTW, FWIW, your recent posts look  
> STAGGERINGLY familiar to some posts I made few years back when  
> I bailed on paris for the Native world... welcome to the Dark  
> Side, my Jedi friend. lol  
>  
> ;)  
>  
> Neil  
>  
>  
> "derek" <a@b.com> wrote:  
>>  
>  
>> "Neil" <OUIUIOU@OUI.com> wrote:  
>> heck, maybe this is what you're  
>>> doing already, for all I know. :)  
>>  
>>  
>> i tried that route for a while, until i realized  
>> that within the time i take for all the routing,  
>> troubleshooting and restarts because of hiccups of  
>> one kind or the other, i might as well just export  
>> selections of tracks within paris at a time.  
>>  
>>  
>> my interest is not so much in saving a few man hours.

>> its more for the times when the hardware will eventually  
>> bite the dust. and that day is coming. not to mention  
>> the slowly fading software compability etc. already today,  
>> my only chance of opening a project as is with all  
>> settings and plugs in place it to actually maintain  
>> my win 98 machine from back then. and that just feels like  
>> a ticking bomb to me.  
>>  
>

---

Subject: Re: the last paris app we need?

Posted by [Rod Lincoln](#) on Tue, 06 Jan 2009 04:53:20 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

i would go even further and argue that even "ease of use"  
>can make a difference in sound. in paris, how many times had i  
>thought to myself "do i give myself the headache of  
>a drum submix compression through the aux bus? or do i need  
>it to be compressed by some other compressor, so do i do a submix  
>now? am i ready for that to be submixed at all?" and then sometimes going  
>through with it  
>(taking a lot of time), sometimes not because of the amount  
>of work involved. in a modern system, its a no brainer.  
>you just do it when your engineer instinct demands it,  
>and you choose the compressor with the characteristics you  
>need on the spot, and if you then think that the compression  
>stresses the basedrum a bit too much, you simply move  
>that fader. all that results in good sound.

I would have to agree with you on that one

>or using UAD. come on, how often have you thought "am i really  
>willing to go through this whole manual latency compensation  
>business for just that one more UAD effect"? on a modern  
>system, a no brainer. you just open the plugin you want to  
>open.

While I agree that auto latency compenstaion is a no brainer, for me the manual thing is almost automatic anyway. for a UAD plug, 4 clicks on the 100 button and click on my appropriate sample slide preset. Drum tracks across submixes, same thing, except I have a little note on my sample slide preset reminding me to move it 1 or 2 ms. I'm used to it, and never have the thought you mentioned. I know others use the faderworks and like that alot also.

---

Subject: Re: the last paris app we need?

Posted by [Neil](#) on Tue, 06 Jan 2009 04:54:42 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Derek... I gotcha. BTW, FWIW, your recent posts look STAGGERINGLY familiar to some posts I made few years back when I bailed on paris for the Native world... welcome to the Dark Side, my Jedi friend. lol

;)

Neil

"derek" <a@b.com> wrote:

>

>"Neil" <OIUIOU@OUI.com> wrote:

> heck, maybe this is what you're

>>doing already, for all I know. :)

>

>

>i tried that route for a while, until i realized

>that within the time i take for all the routing,

>troubleshooting and restarts because of hiccups of

>one kind or the other, i might as well just export

>selections of tracks within paris at a time.

>

>

>my interest is not so much in saving a few man hours.

>its more for the times when the hardware will eventually

>bite the dust. and that day is coming. not to mention

>the slowly fading software compability etc. already today,

>my only chance of opening a project as is with all

>settings and plugs in place it to actually maintain

>my win 98 machine from back then. and that just feels like

>a ticking bomb to me.

>

---

Subject: Re: the last paris app we need?

Posted by [Ted Gerber](#) on Tue, 06 Jan 2009 14:33:29 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

"derek" <a@b.com> wrote:

>

>"Ted Gerber" <tedgerber@rogers.com> wrote:

>>the sonic/summing issue was only half of the 2 reasons I listed.

>

>  
>so i take it you then agree with the points i made there? ;-)  
>

What I agree with is the certainty that you can produce fantastic results with many other combinations of software, hardware and technique. I also agree with you that "convenience" advantages in other software can have a direct impact on sonics.

What I have difficulty with personally is getting the same sonic results from other software/hardware combos without investing significant time and money. I have been happy with results from CuBase or Logic summed through an analog board to tape. But I have been happier with those same mixes summed in Paris by itself. In fact, saying that I could get "the same" sonic results from other approaches (after investing said time and money) is speculation on my part, since I have not actually been able to - I am taking the word of folks like you.

As far as the idea that the Paris summing/bounce "magic" is easily replicated in other systems and "proven" using phase cancelling tests, I'm not sure what you mean by this (this is what I think you're saying, if I'm misinterpreting, I apologize). Even if you could take the same mix and bounce it from both Paris and Nuendo, then take both bounces and line them up in either software and flip phase on one, and largely cancel the other out, phase cancellation speaks only to panning and frequency. But sonics and our perception of sound, to my mind, have more to them than frequency response alone (beating an old drum here). How many companies are pushing their new audio components - mics, tape emulators, amp simulators - as exact replicas of the originals they are trying to replace (at much lower cost and greater convenience) by shoving EQ response curves in our faces? "See, our product has virtually the same curve as the product we are trying to unseat, therefore it must be as good" and then we listen to it, or use it, and find it doesn't sound nearly the same enough? For me, other things like 3 dimensionality (depth) and accurate time alignment - affects attack - are important (when digital first hit the scene everyone talked about it being cold, using EQ terms of reference, yet I knew as a piano technician that the piano concertos I was listening to on CD had much less problem with EQ - any piano can be "bright" - than they did with the attack of the hammers striking the strings, it was just plain "unrealistic"). The thing is, currently we have the technology to measure EQ, but we don't really have the means to measure depth and the psycho-acoustic effects of the more "intangible" items.

>  
>>The second was the cost of making a significant change.  
>  
>

>totally true: cant argue with the price point of a dead system.

Yikes! Dead? Using this descriptor is prejudicial, "leading the witness" so to speak. A variety of dictionaries define "dead" with phrases like - lacking life, devoid of usefulness, unable to function. I understand in your paradigm, PARIS is dead (and I totally respect that, for most of the reasons you've cited), but PARIS is no more dead than any other piece of gear that's been discontinued by its manufacturer yet still serves the function for which it was intended.

A friend recently mixed a semi-major-label disc (more than 400,000 copies sold) and one song needed a final, final, final tweak at a time when it was problematic to get back into the studio and use the gear the album had been mixed on. After A/B-ing to the label and artist, with their permission he was able to largely match the sonics of the rest of the CD, (summed in an SSL through Apogeess DA16s to tape), by summing through an obsolete board (out of production for 18 - 20 years), with 8 year old DAs and a new Alan Smart C1 to tape. The current value of the gear in the other studio is \$120K CDN. The current value of his own gear is \$6K CDN (his ADDAs really need to be upgraded...).

This little vignette illustrates in a nutshell why I'm happy to use PARIS - it's not dead, but it is effective and cheap.

Take care and thanks for the dialog, I appreciate it.

Ted

>its why i would never sell my (pretty big) paris rig, it would go for ridiculously  
>low prices so id rather keep it.

>

>

---

Subject: Re: the last paris app we need?

Posted by [Tom Bruhl](#) on Tue, 06 Jan 2009 15:57:16 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Rod, Get Vertex Faderworks. One click, done. List of all your latencies and names of plugs right there always. Takes one slot though.

Tom



"Rod Lincoln" <rlincoln@nospam.kc.rr.com> wrote in message  
news:4962d5b0\$1@linux...

>  
> i would go even further and argue that even "ease of use"  
>>can make a difference in sound. in paris, how many times had i  
>>thought to myself "do i give myself the headache of  
>>a drum submix compression through the aux bus? or do i need  
>>it to be compressed by some other compressor, so do i do a submix  
>>now? am i ready for that to be submixed at all?" and then sometimes going  
>>through with it  
>>(taking a lot of time), sometimes not because of the amount  
>>of work involved. in a modern system, its a no brainer.  
>>you just do it when your engineer instinct demands it,  
>>and you choose the compressor with the characteristics you  
>>need on the spot, and if you then think that the compression  
>>stresses the basedrum a bit too much, you simply move  
>>that fader. all that results in good sound.

>  
> I would have to agree with you on that one

>  
>>or using UAD. come on, how often have you thought "am i really  
>>willing to go through this whole manual latency compensation  
>>business for just that one more UAD effect"? on a modern  
>>system, a no brainer. you just open the plugin you want to  
>>open.

>  
> While I agree that auto latency compenstaion is a no brainer, for me the  
> manual thing is almost automatic anyway. for a UAD plug, 4 clicks on the  
> 100 button and click on my appropriate sample slide preset. Drum tracks  
> across  
> submixes, same thing, except I have a little note on my sample slide  
> preset  
> reminding me to move it 1 or 2 ms. I'm used to it, and never have the  
> thought  
> you mentioned. I know others use the faderworks and like that alot also.

---

Subject: Re: the last paris app we need?

Posted by [Gantt Kushner](#) on Tue, 06 Jan 2009 18:15:27 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hey Kerry,

How integrate the two systems?

Gantt

Kerry Galloway <kg@kerrygalloway.com> wrote:  
>I use both, myself. Logic Pro 8 and RME for the features and modernity,  
>PARIS for what I'm looking for sonically.  
>  
>- K  
>  
>On 1/5/09 8:54 PM, in article 4962d602\$1 @linux, "Neil" <OIOIU@oiu.com>  
>wrote:  
>  
>>  
>> Derek... I gotcha. BTW, FWIW, your recent posts look  
>> STAGGERINGLY familiar to some posts I made few years back when  
>> I bailed on paris for the Native world... welcome to the Dark  
>> Side, my Jedi friend. lol  
>>  
>> ;)  
>>  
>> Neil  
>>  
>>  
>> "derek" <a@b.com> wrote:  
>>>  
>>> "Neil" <OUIUIOU@OUI.com> wrote:  
>>> heck, maybe this is what you're  
>>>> doing already, for all I know. :)  
>>>  
>>>  
>>> i tried that route for a while, until i realized  
>>> that within the time i take for all the routing,  
>>> troubleshooting and restarts because of hiccups of  
>>> one kind or the other, i might as well just export  
>>> selections of tracks within paris at a time.  
>>>  
>>>  
>>> my interest is not so much in saving a few man hours.  
>>> its more for the times when the hardware will eventually  
>>> bite the dust. and that day is coming. not to mention  
>>> the slowly fading software compability etc. already today,  
>>> my only chance of opening a project as is with all  
>>> settings and plugs in place it to actually maintain  
>>> my win 98 machine from back then. and that just feels like  
>>> a ticking bomb to me.  
>>>  
>>  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [EK Sound](#) on Tue, 06 Jan 2009 18:46:18 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

We have Nuendo, PTHD3 and Paris, all on separate computers. We integrate them with a DM2000, a word clock generator and timecode.

David.

Gantt Kushner wrote:

> Hey Kerry,

>

> How integrate the two systems?

>

> Gantt

>

> Kerry Galloway <[kg@kerrygalloway.com](mailto:kg@kerrygalloway.com)> wrote:

>> I use both, myself. Logic Pro 8 and RME for the features and modernity,

>> PARIS for what I'm looking for sonically.

>>

>> - K

>>

>> On 1/5/09 8:54 PM, in article 4962d602\$1@linux, "Neil" <[OIOIU@oiu.com](mailto:OIOIU@oiu.com)>

>> wrote:

>>

>>> Derek... I gotcha. BTW, FWIW, your recent posts look

>>> STAGGERINGLY familiar to some posts I made few years back when

>>> I bailed on paris for the Native world... welcome to the Dark

>>> Side, my Jedi friend. lol

>>>

>>> ;)

>>>

>>> Neil

>>>

>>>

>>> "derek" <[a@b.com](mailto:a@b.com)> wrote:

>>>> "Neil" <[OIUIOU@OUI.com](mailto:OIUIOU@OUI.com)> wrote:

>>>> heck, maybe this is what you're

>>>>> doing already, for all I know. :)

>>>>

>>>> i tried that route for a while, until i realized

>>>> that within the time i take for all the routing,

>>>> troubleshooting and restarts because of hiccups of

>>>> one kind or the other, i might as well just export

>>>> selections of tracks within paris at a time.

>>>>

>>>>

>>>> my interest is not so much in saving a few man hours.

>>>> its more for the times when the hardware will eventually

>>>> bite the dust. and that day is coming. not to mention  
>>>> the slowly fading software compability etc. already today,  
>>>> my only chance of opening a project as is with all  
>>>> settings and plugs in place it to actually maintain  
>>>> my win 98 machine from back then. and that just feels like  
>>>> a ticking bomb to me.  
>>>>  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [Gantt Kushner](#) on Tue, 06 Jan 2009 20:28:17 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi David,

What role does Paris play in your system? Does your typical project use a little of all three platforms or mostly only one?

Gantt

EK Sound <[ask\\_me@nospam.net](mailto:ask_me@nospam.net)> wrote:

>We have Nuendo, PTHD3 and Paris, all on separate computers. We integrate

>them with a DM2000, a word clock generator and timecode.

>

>David.

>

>Gantt Kushner wrote:

>> Hey Kerry,

>>

>> How integrate the two systems?

>>

>> Gantt

>>

>> Kerry Galloway <[kg@kerrygalloway.com](mailto:kg@kerrygalloway.com)> wrote:

>>> I use both, myself. Logic Pro 8 and RME for the features and modernity,

>>> PARIS for what I'm looking for sonically.

>>>

>>> - K

>>>

>>> On 1/5/09 8:54 PM, in article 4962d602\$1@linux, "Neil" <[OIOIU@oiu.com](mailto:OIOIU@oiu.com)>

>>> wrote:

>>>

>>>> Derek... I gotcha. BTW, FWIW, your recent posts look

>>>> STAGGERINGLY familiar to some posts I made few years back when

>>>> I bailed on paris for the Native world... welcome to the Dark

>>>> Side, my Jedi friend. lol

>>>>  
>>>> ;)  
>>>>  
>>>> Neil  
>>>>  
>>>>  
>>>> "derek" <a@b.com> wrote:  
>>>>> "Neil" <OIUIOU@OUI.com> wrote:  
>>>>> heck, maybe this is what you're  
>>>>>> doing already, for all I know. :)  
>>>>>  
>>>>> i tried that route for a while, until i realized  
>>>>> that within the time i take for all the routing,  
>>>>> troubleshooting and restarts because of hiccups of  
>>>>> one kind or the other, i might as well just export  
>>>>> selections of tracks within paris at a time.  
>>>>>  
>>>>>  
>>>>> my interest is not so much in saving a few man hours.  
>>>>> its more for the times when the hardware will eventually  
>>>>> bite the dust. and that day is coming. not to mention  
>>>>> the slowly fading software compability etc. already today,  
>>>>> my only chance of opening a project as is with all  
>>>>> settings and plugs in place it to actually maintain  
>>>>> my win 98 machine from back then. and that just feels like  
>>>>> a ticking bomb to me.  
>>>>>  
>>>>>  
>>

---

Subject: Re: the last paris app we need?  
Posted by [EK Sound](#) on Tue, 06 Jan 2009 21:34:42 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

It varies wildly.. to be honest, we don't use PARIS all that often, but I have had great success with sending stems through the DM and summing in PARIS. It all depends on the project and which sample rates are involved. It has been a few years since I have used PARIS for tracking and editing, Nuendo is SO much faster. My least favorite to use is PT, but without it, we would not have had most of the sessions we did this past year. The DM2K makes it really handy for porting stuff around, cue mixing, and control room functions. Also, 24 really nice pre's.

David.

Gantt Kushner wrote:  
> Hi David,  
>

> What role does Paris play in your system? Does your typical project use a  
> little of all three platforms or mostly only one?  
>  
> Gantt  
>  
> EK Sound <ask\_me@nospam.net> wrote:  
>> We have Nuendo, PTHD3 and Paris, all on separate computers. We integrate  
>  
>> them with a DM2000, a word clock generator and timecode.  
>>  
>> David.  
>>  
>> Gantt Kushner wrote:  
>>> Hey Kerry,  
>>>  
>>> How integrate the two systems?  
>>>  
>>> Gantt  
>>>  
>>> Kerry Galloway <kg@kerrygalloway.com> wrote:  
>>>> I use both, myself. Logic Pro 8 and RME for the features and modernity,  
>>>> PARIS for what I'm looking for sonically.  
>>>>  
>>>> - K  
>>>>  
>>>> On 1/5/09 8:54 PM, in article 4962d602\$1 @linux, "Neil" <OIOIU@oiu.com>  
>>>> wrote:  
>>>>  
>>>>> Derek... I gotcha. BTW, FWIW, your recent posts look  
>>>>> STAGGERINGLY familiar to some posts I made few years back when  
>>>>> I bailed on paris for the Native world... welcome to the Dark  
>>>>> Side, my Jedi friend. lol  
>>>>>  
>>>>> ;)  
>>>>>  
>>>>> Neil  
>>>>>  
>>>>>  
>>>>> "derek" <a@b.com> wrote:  
>>>>>> "Neil" <OUIUIO@OUI.com> wrote:  
>>>>>> heck, maybe this is what you're  
>>>>>>> doing already, for all I know. :)  
>>>>>>> i tried that route for a while, until i realized  
>>>>>>> that within the time i take for all the routing,  
>>>>>>> troubleshooting and restarts because of hiccups of  
>>>>>>> one kind or the other, i might as well just export  
>>>>>>> selections of tracks within paris at a time.  
>>>>>>>

>>>>>  
>>>>> my interest is not so much in saving a few man hours.  
>>>>> its more for the times when the hardware will eventually  
>>>>> bite the dust. and that day is coming. not to mention  
>>>>> the slowly fading software compability etc. already today,  
>>>>> my only chance of opening a project as is with all  
>>>>> settings and plugs in place it to actually maintain  
>>>>> my win 98 machine from back then. and that just feels like  
>>>>> a ticking bomb to me.  
>>>>>  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [Rod Lincoln](#) on Wed, 07 Jan 2009 02:16:30 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

I keep meaning to try it...but when I'm in the heat of battle, I end up going with what I know...ya know. Then I forget about it till the next time.

Rod

"Tom Bruhl" <arpeggio@comcast.net> wrote:

>Rod, Get Vertex Faderworks. One click, done. List of all

>your latencies and names of plugs right there always.

>Takes one slot though.

>Tom

>

>

>"Rod Lincoln" <rllincoln@nospam.kc.rr.com> wrote in message

>news:4962d5b0\$1@linux...

>>

>> i would go even further and argue that even "ease of use"

>>>can make a difference in sound. in paris, how many times had i

>>>thought to myself "do i give myself the headache of

>>>a drum submix compression through the aux bus? or do i need

>>>it to be compressed by some other compressor, so do i do a submix

>>>now? am i ready for that to be submixed at all?" and then sometimes going

>>>through with it

>>>(taking a lot of time), sometimes not because of the amount

>>>of work involved. in a modern system, its a no brainer.

>>>you just do it when your engineer instinct demands it,

>>>and you choose the compressor with the characteristics you

>>>need on the spot, and if you then think that the compression

>>>stresses the basedrum a bit too much, you simply move

>>>that fader. all that results in good sound.

>>

>> I would have to agree with you on that one

>>

>>>or using UAD. come on, how often have you thought "am i really

>>>willing to go through this whole manual latency compensation  
>>>business for just that one more UAD effect"? on a modern  
>>>system, a no brainer. you just open the plugin you want to  
>>>open.  
>>  
>> While I agree that auto latency compenstaion is a no brainer, for me the  
>> manual thing is almost automatic anyway. for a UAD plug, 4 clicks on the  
>> 100 button and click on my appropriate sample slide preset. Drum tracks  
  
>> across  
>> submixes, same thing, except I have a little note on my sample slide  
>> preset  
>> reminding me to move it 1 or 2 ms. I'm used to it, and never have the  
  
>> thought  
>> you mentioned. I know others use the faderworks and like that alot also.  
>>  
>  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [Tom Bruhl](#) on Wed, 07 Jan 2009 03:00:25 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

I'm right with you on that one Rod.

It's worth it but will change you're overdub technique.

T

---

---

Subject: Re: the last paris app we need?  
Posted by [kerryg](#) on Wed, 07 Jan 2009 03:06:23 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Heya Gantt - 8ch of lightpipe now (RME 9632), haven't thought about sync yet; soon to be 24 channels of lightpipe plus ADAT sync (RME 9652).

- k

On 1/6/09 10:15 AM, in article 496391af\$1@linux, "Gantt Kushner"  
<ganttmann@comcast.net> wrote:

>  
> Hey Kerry,  
>



> How integrate the two systems?  
>  
> Gantt  
>  
> Kerry Galloway <kg@kerrygalloway.com> wrote:  
>> I use both, myself. Logic Pro 8 and RME for the features and modernity,  
>> PARIS for what I'm looking for sonically.  
>>  
>> - K  
>>  
>> On 1/5/09 8:54 PM, in article 4962d602\$1@linux, "Neil" <OIOIU@oiu.com>  
>> wrote:  
>>  
>>>  
>>> Derek... I gotcha. BTW, FWIW, your recent posts look  
>>> STAGGERINGLY familiar to some posts I made few years back when  
>>> I bailed on paris for the Native world... welcome to the Dark  
>>> Side, my Jedi friend. lol  
>>>  
>>> ;)  
>>>  
>>> Neil  
>>>  
>>>  
>>> "derek" <a@b.com> wrote:  
>>>>  
>>>>  
>>>> "Neil" <OIUIOU@OUI.com> wrote:  
>>>> heck, maybe this is what you're  
>>>>> doing already, for all I know. :)  
>>>>>  
>>>>>  
>>>>> i tried that route for a while, until i realized  
>>>>> that within the time i take for all the routing,  
>>>>> troubleshooting and restarts because of hiccups of  
>>>>> one kind or the other, i might as well just export  
>>>>> selections of tracks within paris at a time.  
>>>>>  
>>>>>  
>>>>> my interest is not so much in saving a few man hours.  
>>>>> its more for the times when the hardware will eventually  
>>>>> bite the dust. and that day is coming. not to mention  
>>>>> the slowly fading software compability etc. already today,  
>>>>> my only chance of opening a project as is with all  
>>>>> settings and plugs in place it to actually maintain  
>>>>> my win 98 machine from back then. and that just feels like  
>>>>> a ticking bomb to me.  
>>>>>

>>>  
>>  
>

---

Subject: Re: the last paris app we need?  
Posted by [kerryg](#) on Wed, 07 Jan 2009 04:25:12 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Well, this is all theoretical, as I'm just building the sound treatments, painting the place and setting up to wire patchbays right now. But that's basically going to be it; using Logic for VSTi's and using PARIS as the mixing/FX/summing engine.

- K

On 1/6/09 9:21 PM, in article 49642db6\$1@linux, "Gantt Kushner" <[ganttmann@comcast.net](mailto:ganttmann@comcast.net)> wrote:

>  
> So you send stems out of Logic into Paris? Do you use the Paris automation?

>  
> Gantt

>  
> Kerry Galloway <[kg@kerrygalloway.com](mailto:kg@kerrygalloway.com)> wrote:  
>> Heya Gantt - 8ch of lightpipe now (RME 9632), haven't thought about sync  
>> yet; soon to be 24 channels of lightpipe plus ADAT sync (RME 9652).

>>  
>> - k

>>  
>> On 1/6/09 10:15 AM, in article 496391af\$1@linux, "Gantt Kushner"  
>> <[ganttmann@comcast.net](mailto:ganttmann@comcast.net)> wrote:

>>  
>>>  
>>> Hey Kerry,

>>>  
>>> How integrate the two systems?

>>>  
>>> Gantt

>>>  
>>> Kerry Galloway <[kg@kerrygalloway.com](mailto:kg@kerrygalloway.com)> wrote:  
>>>> I use both, myself. Logic Pro 8 and RME for the features and modernity,  
>>>> PARIS for what I'm looking for sonically.

>>>>  
>>>> - K

>>>>  
>>>> On 1/5/09 8:54 PM, in article 4962d602\$1@linux, "Neil" <[OIOIU@oiu.com](mailto:OIOIU@oiu.com)>



So you send stems out of Logic into Paris? Do you use the Paris automation?

Gantt

Kerry Galloway <kg@kerrygalloway.com> wrote:

>Heya Gantt - 8ch of lightpipe now (RME 9632), haven't thought about sync  
>yet; soon to be 24 channels of lightpipe plus ADAT sync (RME 9652).

>

>- k

>

>On 1/6/09 10:15 AM, in article 496391af\$1@linux, "Gantt Kushner"

><ganttmann@comcast.net> wrote:

>

>>

>> Hey Kerry,

>>

>> How integrate the two systems?

>>

>> Gantt

>>

>> Kerry Galloway <kg@kerrygalloway.com> wrote:

>>> I use both, myself. Logic Pro 8 and RME for the features and modernity,

>>> PARIS for what I'm looking for sonically.

>>>

>>> - K

>>>

>>> On 1/5/09 8:54 PM, in article 4962d602\$1@linux, "Neil" <OIUIU@oiu.com>

>>> wrote:

>>>

>>>>

>>>> Derek... I gotcha. BTW, FWIW, your recent posts look

>>>> STAGGERINGLY familiar to some posts I made few years back when

>>>> I bailed on paris for the Native world... welcome to the Dark

>>>> Side, my Jedi friend. lol

>>>>

>>>> ;)

>>>>

>>>> Neil

>>>>

>>>>

>>>> "derek" <a@b.com> wrote:

>>>>>

>>>>

>>>>> "Neil" <OIUIOU@OUI.com> wrote:

>>>>> heck, maybe this is what you're

>>>>>> doing already, for all I know. :)

>>>>>

>>>>>

>>>> i tried that route for a while, until i realized  
>>>> that within the time i take for all the routing,  
>>>> troubleshooting and restarts because of hiccups of  
>>>> one kind or the other, i might as well just export  
>>>> selections of tracks within paris at a time.  
>>>>  
>>>>  
>>>> my interest is not so much in saving a few man hours.  
>>>> its more for the times when the hardware will eventually  
>>>> bite the dust. and that day is coming. not to mention  
>>>> the slowly fading software compability etc. already today,  
>>>> my only chance of opening a project as is with all  
>>>> settings and plugs in place it to actually maintain  
>>>> my win 98 machine from back then. and that just feels like  
>>>> a ticking bomb to me.  
>>>>  
>>>>  
>>>  
>>  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [Aaron Allen](#) on Thu, 08 Jan 2009 14:50:09 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

It's 1.5mSec -round trip- convertors and all. I'd like to see what kind of track/plug counts you get from a native rig attempting that. Native rigs when giving you latency do not include the convertor latency, typically. At least I haven't seen it. It's only the software latency you get to see.

AA

"derek" <a@b.com> wrote in message news:496607ba\$1@linux...  
>  
> "Rod Lincoln" <rlincoln@nospam.kc.rr.com> wrote:  
>>yup, here it is, copied from the post  
>>  
>>"round trip via Mec 24 bit is 60 samples or 1.36 ms at 44.1 or 1.25 ms at  
>>48k  
>>  
>>Total record and monitor path 24 bit in to 24 bit out is 66 samples or  
>>1.5 ms at 44.1 or 1.375 ms at 48k"  
>  
>  
>  
> well there you have it :-) that was my original point -

> this is not a matter of "no latency versus some latency"  
> but "very little latency versus very little more".  
> actually very easy to try out - if one converter roundtrip  
> is about 1.5ms (based on the assumption that everyone  
> in their right mind who does music production works in 44.1)  
> then you can simulate how bad it really is to use a modern  
> native host by routing one external insert  
> (note: the external device must be an analog one and not  
> add any latency of its own) and see how different that feels.  
> play a base guitar and then add an external compressor via  
> an external paris insert and tell me whether that changes  
> the feel from awesome to unacceptable ;-)  
>  
> id be tempted to say the difference is completely neglectible  
> in this area. the classic protocols mix, a system ive never heard anyone  
> complain  
> about its latency and which is still  
> used in thousands of tracking studios has about double the  
> latency with its original converters. the biggest factor  
> here is the psychological one, what you expect from a native  
> system because of the word "native" and ita (arguably well  
> deserved) reputation.  
>  
> and we are talking about full software monitoring here mind you,  
> meaning monitoring through plugins as you like, including  
> stuff like recording something with a guitar rig plugin on  
> the channel etc, completely ignoring the "latency free"  
> hardware monitoring option.

---

---

Subject: Re: the last paris app we need?

Posted by [derek](#) on Thu, 08 Jan 2009 15:03:38 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

"Rod Lincoln" <[rlincoln@nospam.kc.rr.com](mailto:rlincoln@nospam.kc.rr.com)> wrote:

>yup, here it is, copied from the post

>

>"round trip via Mec 24 bit is 60 samples or 1.36 ms at 44.1 or 1.25 ms at  
>48k

>

>Total record and monitor path 24 bit in to 24 bit out is 66 samples or  
>1.5 ms at 44.1 or 1.375 ms at 48k"

well there you have it :-)) that was my original point -  
this is not a matter of "no latency versus some latency"  
but "very little latency versus very little more".

actually very easy to try out - if one converter roundtrip is about 1.5ms (based on the assumption that everyone in their right mind who does music production works in 44.1) then you can simulate how bad it really is to use a modern native host by routing one external insert (note: the external device must be an analog one and not add any latency of its own) and see how different that feels. play a base guitar and then add an external compressor via an external paris insert and tell me whether that changes the feel from awesome to unacceptable ;-)

id be tempted to say the difference is completely neglectible in this area. the classic protocols mix, a system ive never heard anyone complain about its latency and which is still used in thousands of tracking studios has about double the latency with its original converters. the biggest factor here is the psychological one, what you expect from a native system because of the word "native" and ita (arguably well deserved) reputation.

and we are talking about full software monitoring here mind you, meaning monitoring through plugins as you like, including stuff like recording something with a guitar rig plugin on the channel etc, completely ignoring the "latency free" hardware monitoring option.

---

Subject: Re: the last paris app we need?

Posted by [derek](#) on Thu, 08 Jan 2009 15:06:23 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

"Neil" <OIOIU@oiu.com> wrote:

>

>Derek... I gotcha. BTW, FWIW, your recent posts look  
>STAGGERINGLY familiar to some posts I made few years back when  
>I bailed on paris for the Native world... welcome to the Dark  
>Side, my Jedi friend. lol

i did change a few years ago too (in case you got the impression that i changed just recently).

oh and this aint the "dark side". that terrority is still firmly in digidesigns hands ;-)  
(although personally after the whole emagic/apple soap opera a few years ago and the ongoing next-to-zero-support-for-logic tragedy that followed, id be tempted to label apple/logic the new "dark side")

best,  
derek

---

---

Subject: Re: the last paris app we need?  
Posted by [derek](#) on Thu, 08 Jan 2009 15:35:09 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"Ted Gerber" <tedgerber@rogers.com> wrote:

>What I agree with is the certainty that you can produce fantastic results  
>with many other combinations of software, hardware and technique.

you know, i used to stand on a different side on this issue.  
back then, paris really DID sound better on average  
than a lot of the competition. but youve got to keep in mind  
there, those were the deal oldschool days. from todays  
perspective, its almost banal to realize that OF COURSE  
paris sounded better and "more analog" than say a protools  
system running mostly first generation waves plugins.  
try to mimic ANY paris eq setting with a waves Q10, heck,  
even with a renaissance eq. no chance. and PTs converters  
sucked. and most native VST plugins sucked, sonically.

so i am by no means saying paris' reputation is built on  
a legend or anything. what it brought to the table sonically,  
for the year 97, was simply amazing.

but this aint 97 anymore, and its really a different story  
if youre comparing it to todays world of daws where its  
almost impossible to find a AD/DA converter that sounds  
"bad" and where even freeware plugins dont just try to get  
away with doing stuff by the book but care about parameter  
interpolation, emulating soft saturation etc, not to mention  
stuff from the "UAD league" if you will.

I also  
>agree with you that  
>"convenience" advantages in other software can have a direct impact on sonics.

>What I have difficulty with personally is getting the same sonic



>results from other software/hardware combos without investing  
>significant time and money. I have been happy with results from CuBase or  
>Logic summed through an analog board to tape. But I have been happier with  
>those same mixes summed in Paris by itself.

see this is where i part ways. i do so because i used to believe in the "summing aspect" too - until i made huge tests followed by true blind tests. and boy, did the difference between just "trying it out" and true blind testing blow me away. i could have sworn the paris sound was a completely different one even just when pulling up faders. but it wasn't. i wasn't able to tell what the paris one was, and upon further investigation when i made sure to sidestep all of paris' potential hiccups such as slight DC offset problems or else, i got to achieve 100% cancellation in a null test, and that's where that argument ends.

the only explanation i have is the paris UI and its psychological effect both visually and also because of the responsiveness of the interface and IDs neat way of handling linear knob movements with the mouse.

>As far as the idea that the Paris summing/bounce "magic" is easily replicated  
>in other systems and "proven" using phase  
>cancelling tests, I'm not sure what you mean by this (this is what I think  
>you're saying, if I'm misinterpreting, I apologize). Even if you could take  
>the same mix and bounce it from both Paris and Nuendo, then take both bounces  
>and line them up in either software and flip phase on one, and largely cancel  
>the other out, phase cancellation speaks only to panning and frequency.

first of all im not talking about "largely cancelling out" but "completely cancelling out". it admittedly takes quite a lot of expertise and trial and error to get to that because of many things that can throw you off in paris (the DC offset... one extra sample offset for each submix...even an enabled eq on an empty channel can throw this off...effects with random parameters or unsynced LFOs such as reverb and chorus must be excluded...plus, fader value readouts are not 100% the same from one daw to another so you might end up comparing -0.33db to -0.37db and mistake the level difference for a difference in sonic quality).

so im talking about cancelling out completely. anything else is kind of pointless because then you only open the can of worms whether that little rest of difference is inaudible or just what it took for the magic to happen.

but when youre presented with 100% cancelling, the argument is over, because then youre talking about an output that is sonically and mathematically the same. in such cases, there is no difference.

But

>sonics and our perception of sound, to my mind,  
>have more to them than frequency response alone (beating an old drum here).

no, whatever the "realm" is you want to put the finger on, be it spaceiousness, transient response, "3D"-ness, clarity, density, whatever it is: if a mix cancels out 100%, it means that any of these parameters you can come up with would be exactly identical, or else there would be a difference signal. no difference signal means no difference. its really an absolute in that case.

>How many companies are pushing their new audio components - mics, tape emulators, >amp simulators - as exact replicas of the originals they are trying to replace >(at much lower cost and greater convenience) by shoving EQ response curves >in our faces? "See, our product has virtually the same curve as the product >we are trying to unseat, therefore it must be as good" and then we listen >to it, or use it, and find it doesn't sound nearly the same enough?

yes, but thats not an adequate comparison. you cant compare "nearly the same sounding" frequency responses to something as methodically water proof as comparing two things with a null test and ending up with a null :-)

For me,

>other things like 3 dimensionality (depth) and accurate time alignment - >affects attack - are important (when digital first hit the scene everyone >talked about it being cold, using EQ terms of reference, yet I knew as a >piano technician that the piano concertos I was listening to on CD had much >less problem with EQ - any piano can be "bright" - than they did with the >attack of the hammers striking the strings, it was just plain "unrealistic"). >The thing is, currently we have the technology to measure EQ, but we don't >really have the means to measure depth and the psycho-acoustic effects of >the more "intangible" items.

we may not have a way to measure how parameter X and Y, but we do have a

way to measure whether parameter X and Y are identical in a given example or not, and that is the null test.

so whether say the "depth" of a mix is totally great or totally awful, we cannot say, but we can say "whatever it is, its the same in this other copy of the mix because it cancels out completely and if there were any sonical difference whatsoever, there would have to be a difference signal".

understand what i mean?

>Yikes! Dead? Using this descriptor is prejudicial, "leading the witness" >so to speak. A variety of dictionaries define "dead" >with phrases like - lacking life, devoid of usefulness, unable to function. >I understand in your paradigm, PARIS is dead (and I >totally respect that, for most of the reasons you've cited), but PARIS is >no more dead than any other piece of gear that's been >discontinued by its manufacturer yet still serves the function for which >it was intended.

i didnt mean it the way you understood it ;- ) with "dead" i just meant "unsupported by its official manufacturer" (which itself may not be dead but it sure smells slightly fishy to me) and not really in hopes of any major software update ever (i.e. i could do without support from the original manufaturer if ID had been so nice to give the paris heroes the source code of the paris app, but they didnt, so that fundamental aspect of the system falls into the "dead" category by my standards)

by no means did i say with that the system isnt useful. i mean, hey, i kept using it for many years after its death, so i must know ;-)

i really just meant dead as the term that tells where it the product stands in the marketplace (which in turn kind of dictates the price, in paris' case a really low price now, for a system that already was a steal for its official price back in the day).

best,  
derek

---

---

Subject: Re: the last paris app we need?

Posted by [Gantt Kushner](#) on Thu, 08 Jan 2009 15:55:04 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hey Derek,

I'm sorry - I'm sure you mentioned this earlier or elsewhere, but what system do you use now?

Are you using Protools?

Thanks,

Gantt

"derek" <a@b.com> wrote:

>

>"Ted Gerber" <tedgerber@rogers.com> wrote:

>

>>What I agree with is the certainty that you can produce fantastic results

>>with many other combinations of software, hardware and technique.

>

>you know, i used to stand on a different side on this issue.

>back then, paris really DID sound better on average

>than a lot of the competition. but youve got to keep in mind

>there, those were the deal oldschool days. from todays

>perspective, its almost banal to realize that OF COURSE

>paris sounded better and "more analog" than say a protools

>system running mostly first generation waves plugins.

>try to mimic ANY paris eq setting with a waves Q10, heck,

>even with a renaissance eq. no chance. and PTs converters

>sucked. and most native VST plugins sucked, sonically.

>

>so i am by no means saying paris' reputation is built on

>a legend or anything. what it brought to the table sonically,

>for the year 97, was simply amazing.

>

>

>but this aint 97 anymore, and its really a different story

>if youre comparing it to todays world of daws where its

>almost impossible to find a AD/DA converter that sounds

>"bad" and where even freeware plugins dont just try to get

>away with doing stuff by the book but care about parameter

>interpolation, emulating soft saturation etc, not to mention

>stuff from the "UAD league" if you will.

>

>

>

> I also

>>agree with you that  
>>"convenience" advantages in other software can have a direct impact on  
sonics.  
>  
>  
>  
>>What I have difficulty with personally is getting the same sonic  
>>results from other software/hardware combos without investing  
>>significant time and money. I have been happy with results from CuBase  
or  
>>Logic summed through an analog board to tape. But I have been happier with  
>>those same mixes summed in Paris by itself.  
>  
>see this is where i part ways. i do so because i used  
>to believe in the "summing aspect" too - until i made huge  
>tests followed by true blind tests. and boy, did the difference  
>between just "trying it out" and true blind testing  
>blow me away. i could have sworn the paris sound was a completely  
>different one even just when pulling up faders. but it wasnt.  
>i wasnt able to tell what the paris one was, and upon further  
>investigation when i made sure to sidestep all of paris'  
>potential hiccups such as slight DC offset problems or else,  
>i got to achieve 100% cancellation in a null test, and  
>thats where that argument ends.  
>  
>the only explanation i have is the paris UI and its psychological  
>effect both visually and also because of the responsiveness  
>of the interface and IDs neat way or handling linear knob movements with  
>the mouse.  
>  
>  
>>As far as the idea that the Paris summing/bounce "magic" is easily replicated  
>>in other systems and "proven" using phase  
>>cancelling tests, I'm not sure what you mean by this (this is what I think  
>>you're saying, if I'm misinterpreting, I apologize). Even if you could  
take  
>>the same mix and bounce it from both Paris and Nuendo, then take both bounces  
>>and line them up in either software and flip phase on one, and largely  
cancel  
>>the other out, phase cancellation speaks only to panning and frequency.  
>  
>  
>first of all im not talking about "largely cancelling out"  
>but "completely cancelling out". it admittedly takes quite  
>a lot of expertise and trial and error to get to that because  
>of many things that can throw you off in paris (the DC offset...  
>one extra sample offset for each submix...even an enabled eq  
>on an empty channel can throw this off...effects with

>random parameters or unsynced LFOs such as reverb and chorus  
>must be excluded...plus, fader value  
>readouts are not 100% the same from one daw to another so  
>you might end up comparing -0.33db to -0.37db and  
>mistake the level difference for a difference in sonic quality).  
>  
>so im talking about cancelling out completely. anything else  
>is kind of pointless because then you only open the can of  
>worms whether that little rest of difference is inaudible  
>or just what it took for the magic to happen.  
>  
>but when youre presented with 100% cancelling, the argument  
>is over, because then youre talking about an output that  
>is sonically and mathematically the same. in such cases,  
>there is no difference.  
>  
>  
> But  
>>sonics and our perception of sound, to my mind,  
>>have more to them than frequency response alone (beating an old drum here).  
>  
>no, whatever the "realm" is you want to put the finger on,  
>be it spaciousness, transient response, "3D"-ness, clarity, density,  
>whatever it is: if a mix cancels out 100%, it means that  
>any of these parameters you can come up with would be  
>exactly identical, or else there would be a difference signal.  
>no difference signal means no difference. its really an absolute  
>in that case.  
>  
>  
>  
>>How many companies are pushing their new audio components - mics, tape  
emulators,  
>>amp simulators - as exact replicas of the originals they are trying to  
replace  
>>(at much lower cost and greater convenience) by shoving EQ response curves  
>>in our faces? "See, our product has virtually the same curve as the product  
>>we are trying to unseat, therefore it must be as good" and then we listen  
>>to it, or use it, and find it doesn't sound nearly the same enough?  
>  
>  
>yes, but thats not an adequate comparison. you cant compare  
>"nearly the same sounding" frequency responses to something  
>as methodically water proof as comparing two things with  
>a null test and ending up with a null :-)  
>  
>  
> For me,

>>other things like 3 dimensionality (depth) and accurate time alignment  
-  
>>affects attack - are important (when digital first hit the scene everyone  
>>talked about it being cold, using EQ terms of reference, yet I knew as  
a  
>>piano technician that the piano concertos I was listening to on CD had  
much  
>>less problem with EQ - any piano can be "bright" - than they did with the  
>>attack of the hammers striking the strings, it was just plain "unrealistic").  
>>The thing is, currently we have the technology to measure EQ, but we don't  
>>really have the means to measure depth and the psycho-acoustic effects  
of  
>>the more "intangible" items.  
>  
>  
>we may not have a way to measure how parameter X and Y, but we do have a  
>way to measure whether parameter X and Y are identical  
>in a given example or not, and that is the null test.  
>  
>so whether say the "depth" of a mix is totally great or totally  
>awful, we cannot say, but we can say "whatever it is, its  
>the same in this other copy of the mix because it cancels  
>out completely and if there were any sonical difference  
>whatsoever, there would have to be a difference signal".  
>  
>understand what i mean?  
>  
>  
>  
>>Yikes! Dead? Using this descriptor is prejudicial, "leading the witness"  
>>so to speak. A variety of dictionaries define "dead"  
>>with phrases like - lacking life, devoid of usefulness, unable to function.  
>>I understand in your paradigm, PARIS is dead (and I  
>>totally respect that, for most of the reasons you've cited), but PARIS  
is  
>>no more dead than any other piece of gear that's been  
>>discontinued by its manufacturer yet still serves the function for which  
>>it was intended.  
>  
>  
>i didnt mean it the way you understood it ;- ) with "dead" i  
>just meant "unsupported by its official manufacturer"  
>(which itself may not be dead but it sure smells slightly  
>fishy to me) and not really in hopes of any major  
>software update ever (i.e. i could do without support  
>from the original manufaturer if ID had been so nice to  
>give the paris heroes the source code of the paris app,  
>but they didnt, so that fundamental aspect of the system

>falls into the "dead" category by my standards)  
>  
>by no means did i say with that the system isnt useful.  
>i mean, hey, i kept using it for many years after its death,  
>so i must know ;-)  
>  
>i really just meant dead as the term that tells where it  
>the product stands in the marketplace (which in turn  
>kind of dictates the price, in paris' case a really low  
>price now, for a system that already was a steal  
>for its official price back in the day).  
>  
>  
>best,  
>derek

---

---

Subject: Re: the last paris app we need?  
Posted by [kerryg](#) on Thu, 08 Jan 2009 16:37:21 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Yes, of course we're speaking of \*perceptible\* latency - sound transmitted in \*air\* has latency.

You're completely correct in pointing out that today, if I chose to incur a number of additional expenses (that I would have to pass on to my clients in an economic downturn), I could \*match\* the lack of perceptible latency that PARIS already had on a Pentium 166 in 1997. I agree with that.

- K

> well there you have it :-) that was my original point -  
> this is not a matter of "no latency versus some latency"  
> but "very little latency versus very little more".  
> actually very easy to try out - if one converter roundtrip  
> is about 1.5ms (based on the assumption that everyone  
> in their right mind who does music production works in 44.1)  
> then you can simulate how bad it really is to use a modern  
> native host by routing one external insert  
> (note: the external device must be an analog one and not  
> add any latency of its own) and see how different that feels.  
> play a base guitar and then add an external compressor via  
> an external paris insert and tell me whether that changes  
> the feel from awesome to unacceptable ;-)  
>  
> id be tempted to say the difference is completely neglectible  
> in this area. the classic protools mix, a system ive never heard anyone  
> complain



> about its latency and which is still  
> used in thousands of tracking studios has about double the  
> latency with its original converters. the biggest factor  
> here is the psychological one, what you expect from a native  
> system because of the word "native" and its (arguably well  
> deserved) reputation.  
>  
> and we are talking about full software monitoring here mind you,  
> meaning monitoring through plugins as you like, including  
> stuff like recording something with a guitar rig plugin on  
> the channel etc, completely ignoring the "latency free"  
> hardware monitoring option.

---

---

Subject: Re: the last paris app we need?  
Posted by [derek](#) on Thu, 08 Jan 2009 19:07:07 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"Gantt Kushner" <[ganttmann@comcast.net](mailto:ganttmann@comcast.net)> wrote:

>  
>Hey Derek,  
>  
>I'm sorry - I'm sure you mentioned this earlier or elsewhere, but what system  
>do you use now?  
>  
>Are you using Protools?  
>  
>Thanks,  
>  
>Gantt

im using nuendo on a dual quadcore plus UADs (soon to be replaced by a UAD-2 i guess, although already now the UADs feel like nothing more than dongles to me and their most apparent technical effect is to slow my dual quadcore down)

the performance of these 8 core machines is simply unbelievable. any considerations about performance have completely vanished, for real, for the first time. you just open stuff as you go without ever worrying, and whether you run a mix just on audio tracks or also still have any and all virtual instruments running doesnt seem to make a difference.

ram is the new bottleneck there (which is why i desperately need to switch to 64bit ASAP).

best,  
derek

---

---

Subject: Re: the last paris app we need?  
Posted by [derek](#) on Thu, 08 Jan 2009 19:10:59 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"Aaron Allen" <know-spam@not\_here.dude> wrote:  
>It's 1.5mSec -round trip- convertors and all. I'd like to see what kind  
of  
>track/plug counts you get from a native rig attempting that.

for the same latency youd probably have to go to 0.75ms  
latency and use the fastest modern converters. more  
practical is to get somewhere close, in my case i usually  
use a 1.5ms setting, which combined with the converter roundtrip  
results in a little less than 3ms.

with that setting you get...i dont know, ive never really  
tested it. on a dual quad, you for sure get enough for  
huge tracking sessions with filtering and dynamics everywhere  
and reverb and stuff as needed, and you can even run complex  
stuff like amp simulators and stuff easily in multiple instances  
in that scenario. and of course already here  
you can do group routing, group processing etc etc.

definetly a lot more flexibility that you get for 1.2ms more  
latency (not to mention the insanity of performance you get  
when you switch to 6ms or something, which is still absolutely  
useable)

Native rigs

>when giving you latency do not include the convertor latency, typically.

At

>least I haven't seen it. It's only the software latency you get to see.

>

>AA

>

>

>"derek" <a@b.com> wrote in message news:496607ba\$1 @linux...  
>>  
>> "Rod Lincoln" <rlincoln@nospam.kc.rr.com> wrote:  
>>>yup, here it is, copied from the post  
>>>  
>>>"round trip via Mec 24 bit is 60 samples or 1.36 ms at 44.1 or 1.25 ms  
at  
>>>48k  
>>>  
>>>Total record and monitor path 24 bit in to 24 bit out is 66 samples  
or  
>>>1.5 ms at 44.1 or 1.375 ms at 48k"  
>>  
>>  
>>  
>> well there you have it :-) that was my original point -  
>> this is not a matter of "no latency versus some latency"  
>> but "very little latency versus very little more".  
>> actually very easy to try out - if one converter roundtrip  
>> is about 1.5ms (based on the assumption that everyone  
>> in their right mind who does music production works in 44.1)  
>> then you can simulate how bad it really is to use a modern  
>> native host by routing one external insert  
>> (note: the external device must be an analog one and not  
>> add any latency of its own) and see how different that feels.  
>> play a base guitar and then add an external compressor via  
>> an external paris insert and tell me whether that changes  
>> the feel from awesome to unacceptable ;-)  
>>  
>> id be tempted to say the difference is completely neglectible  
>> in this area. the classic protocols mix, a system ive never heard anyone  
  
>> complain  
>> about its latency and which is still  
>> used in thousands of tracking studios has about double the  
>> latency with its original converters. the biggest factor  
>> here is the psychological one, what you expect from a native  
>> system because of the word "native" and ita (arguably well  
>> deserved) reputation.  
>>  
>> and we are talking about full software monitoring here mind you,  
>> meaning monitoring through plugins as you like, including  
>> stuff like recording something with a guitar rig plugin on  
>> the channel etc, completely ignoring the "latency free"  
>> hardware monitoring option.  
>  
>

---

---

Subject: Re: the last paris app we need?

Posted by [Gantt Kushner](#) on Thu, 08 Jan 2009 22:28:33 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

How about Logic w/ the Apogee Symphony system's claim to 1.5ms door-to-door?  
Does that not include converter latency? And really, it seems to me that anything under about 5ms is less latency than you'd get sitting 5' away from a guitar amp.

Gantt

"Aaron Allen" <know-spam@not\_here.dude> wrote:

>It's 1.5mSec -round trip- convertors and all. I'd like to see what kind of

>track/plug counts you get from a native rig attempting that. Native rigs

>when giving you latency do not include the convertor latency, typically.

At

>least I haven't seen it. It's only the software latency you get to see.

>

>AA

>

>

>"derek" <a@b.com> wrote in message news:496607ba\$1@linux...

>>

>> "Rod Lincoln" <rlincoln@nospam.kc.rr.com> wrote:

>>>yup, here it is, copied from the post

>>>

>>>"round trip via Mec 24 bit is 60 samples or 1.36 ms at 44.1 or 1.25 ms

at

>>>48k

>>>

>>>Total record and monitor path 24 bit in to 24 bit out is 66 samples

or

>>>1.5 ms at 44.1 or 1.375 ms at 48k"

>>

>>

>>

>> well there you have it :-) that was my original point -

>> this is not a matter of "no latency versus some latency"

>> but "very little latency versus very little more".

>> actually very easy to try out - if one converter roundtrip

>> is about 1.5ms (based on the assumption that everyone

>> in their right mind who does music production works in 44.1)

>> then you can simulate how bad it really is to use a modern

>> native host by routing one external insert

>> (note: the external device must be an analog one and not

>> add any latency of its own) and see how different that feels.

>> play a base guitar and then add an external compressor via

>> an external paris insert and tell me whether that changes  
>> the feel from awesome to unacceptable ;-)  
>>  
>> id be tempted to say the difference is completely neglectible  
>> in this area. the classic protools mix, a system ive never heard anyone  
  
>> complain  
>> about its latency and which is still  
>> used in thousands of tracking studios has about double the  
>> latency with its original converters. the biggest factor  
>> here is the psychological one, what you expect from a native  
>> system because of the word "native" and ita (arguably well  
>> deserved) reputation.  
>>  
>> and we are talking about full software monitoring here mind you,  
>> meaning monitoring through plugins as you like, including  
>> stuff like recording something with a guitar rig plugin on  
>> the channel etc, completely ignoring the "latency free"  
>> hardware monitoring option.  
>  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [Chris Ludwig](#) on Thu, 08 Jan 2009 22:28:45 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi Gantt,  
The Symphony system has no better latency performance than Lynx, RME, MOTU when using their PCI-e interfaces.  
It is all dependent on the speed of the MAC system and the sample rate and the host program.  
If someone already owns a bunch of Apogeess converters then the Symphony can be a get investment.  
For someone starting from scratch or using non Apogee gear then there are far more better options available.

Chris

Gantt Kushner wrote:  
> How about Logic w/ the Apogee Symphony system's claim to 1.5ms door-to-door?  
> Does that not include converter latency? And really, it seems to me that  
> anything under about 5ms is less latency than you'd get sitting 5' away from  
> a guitar amp.  
>  
> Gantt  
>

> "Aaron Allen" <know-spam@not\_here.dude> wrote:  
>> It's 1.5mSec -round trip- convertors and all. I'd like to see what kind  
> of  
>> track/plug counts you get from a native rig attempting that. Native rigs  
>  
>> when giving you latency do not include the convertor latency, typically.  
> At  
>> least I haven't seen it. It's only the software latency you get to see.  
>>  
>> AA  
>>  
>> "derek" <a@b.com> wrote in message news:496607ba\$1@linux...  
>>> "Rod Lincoln" <rlincoln@nospam.kc.rr.com> wrote:  
>>>> yup, here it is, copied from the post  
>>>>  
>>>> "round trip via Mec 24 bit is 60 samples or 1.36 ms at 44.1 or 1.25 ms  
> at  
>>>> 48k  
>>>>  
>>>> Total record and monitor path 24 bit in to 24 bit out is 66 samples  
> or  
>>>> 1.5 ms at 44.1 or 1.375 ms at 48k"  
>>>  
>>>  
>>> well there you have it :-) that was my original point -  
>>> this is not a matter of "no latency versus some latency"  
>>> but "very little latency versus very little more".  
>>> actually very easy to try out - if one converter roundtrip  
>>> is about 1.5ms (based on the assumption that everyone  
>>> in their right mind who does music production works in 44.1)  
>>> then you can simulate how bad it really is to use a modern  
>>> native host by routing one external insert  
>>> (note: the external device must be an analog one and not  
>>> add any latency of its own) and see how different that feels.  
>>> play a base guitar and then add an external compressor via  
>>> an external paris insert and tell me whether that changes  
>>> the feel from awesome to unacceptable ;-)  
>>>  
>>> id be tempted to say the difference is completely neglectible  
>>> in this area. the classic protools mix, a system ive never heard anyone  
>  
>>> complain  
>>> about its latency and which is still  
>>> used in thousands of tracking studios has about double the  
>>> latency with its original convertors. the biggest factor  
>>> here is the psychological one, what you expect from a native  
>>> system because of the word "native" and ita (arguably well

>>> deserved) reputation.  
>>>  
>>> and we are talking about full software monitoring here mind you,  
>>> meaning monitoring through plugins as you like, including  
>>> stuff like recording something with a guitar rig plugin on  
>>> the channel etc, completely ignoring the "latency free"  
>>> hardware monitoring option.  
>>  
>

--

Chris Ludwig

ADK Pro Audio  
(859) 635-5762  
www.adkproaudio.com  
chrisl@adkproaudio.com

---

Subject: Re: the last paris app we need?  
Posted by [Mike Audet](#) on Thu, 08 Jan 2009 23:35:40 GMT  
[View Forum Message](#) <> [Reply to Message](#)

Hi Gantt,

For some reason, I don't know why, the number of feet argument doesn't work.  
Just try adding a few extra milliseconds to an input via a compressor look-ahead  
and play through the track with headphones on. It throws everything off.

Latency is a major drawback of host based systems. Any singer singing along  
with themselves through headphones will have a tougher time with pitch if  
there is higher latency.

The low latency of PARIS is a major advantage.

All the best,

Mike

---

Subject: Re: the last paris app we need?  
Posted by [Tom Bruhl](#) on Fri, 09 Jan 2009 00:59:36 GMT  
[View Forum Message](#) <> [Reply to Message](#)

Milliseconds shmilliseconds.

"Rod Lincoln" <rlincoln@nospam.kc.rr.com> wrote in message

news:4966a074\$1@linux...

>  
> Heck, it can actually make a pretty big difference if you flip the phase  
> for  
> a singer one way or the other, every singer is different, but they all  
> have  
> a preference.  
> For Drums it makes a huge difference because of the tactile sensation. I  
> notice it at 5 ms for sure. 1.5 (on Paris) I don't notice it. I'm not sure  
> about 3 ms. I'd just have to try.  
> Rod  
> "Mike Audet" <mike@...> wrote:  
>>  
>>Hi Gantt,  
>>  
>>For some reason, I don't know why, the number of feet argument doesn't  
>>work.  
>> Just try adding a few extra milliseconds to an input via a compressor  
>> look-ahead  
>>and play through the track with headphones on. It throws everything off.  
>>  
>>Latency is a major drawback of host based systems. Any singer singing  
>>along  
>>with themselves through headphones will have a tougher time with pitch if  
>>there is higher latency.  
>>  
>>The low latency of PARIS is a major advantage.  
>>  
>>All the best,  
>>  
>>Mike  
>

---

Subject: Re: the last paris app we need?

Posted by [Aaron Allen](#) on Fri, 09 Jan 2009 01:03:42 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

That's really about it man. As a drummer and gtr player, I can tell you in fact of matter that I can hear/feel the difference and I 'really' do not like it. Tosses my groove right out the window.

AA

"Mike Audet" <mike@...> wrote in message news:49667fbc\$1@linux...

>  
> Hi Gantt,  
>



> For some reason, I don't know why, the number of feet argument doesn't  
> work.  
> Just try adding a few extra milliseconds to an input via a compressor  
> look-ahead  
> and play through the track with headphones on. It throws everything off.  
>  
> Latency is a major drawback of host based systems. Any singer singing  
> along  
> with themselves through headphones will have a tougher time with pitch if  
> there is higher latency.  
>  
> The low latency of PARIS is a major advantage.  
>  
> All the best,  
>  
> Mike

---

---

Subject: Re: the last paris app we need?  
Posted by [Aaron Allen](#) on Fri, 09 Jan 2009 01:05:29 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

The catch there is 64 bit drivers and application handling.  
AA

"derek" <a@b.com> wrote in message news:496640cb\$1@linux...  
>  
> "Gantt Kushner" <ganttmann@comcast.net> wrote:  
>>  
>>Hey Derek,  
>>  
>>I'm sorry - I'm sure you mentioned this earlier or elsewhere, but what  
>>system  
>>do you use now?  
>>  
>>Are you using Protools?  
>>  
>>Thanks,  
>>  
>>Gantt  
>  
>  
>  
> im using nuendo on a dual quadcore plus UADs (soon to be  
> replaced by a UAD-2 i guess, although already now the  
> UADs feel like nothing more than dongles to me and their  
> most apparent technical effect is to slow my dual quadcore

> down)  
>  
> the performance of these 8 core machines is simply unbelievable.  
> any considerations about performance have completely vanished,  
> for real, for the first time. you just open stuff as you go  
> without ever worrying, and whether you run a mix just on  
> audio tracks or also still have any and all virtual  
> instruments running doesnt seem to make a difference.  
>  
> ram is the new bottleneck there (which is why i desperately  
> need to switch to 64bit ASAP).  
>  
>  
> best,  
> derek

---

---

Subject: Re: the last paris app we need?  
Posted by [Rod Lincoln](#) on Fri, 09 Jan 2009 01:55:16 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Heck, it can actually make a pretty big difference if you flip the phase for a singer one way or the other, every singer is different, but they all have a preference.

For Drums it makes a huge difference because of the tactile sensation. I notice it at 5 ms for sure. 1.5 (on Paris) I don't notice it. I'm not sure about 3 ms. I'd just have to try.

Rod

"Mike Audet" <mike@...> wrote:

>  
>Hi Gantt,  
>  
>For some reason, I don't know why, the number of feet argument doesn't work.  
> Just try adding a few extra milliseconds to an input via a compressor look-ahead  
>and play through the track with headphones on. It throws everything off.  
>  
>Latency is a major drawback of host based systems. Any singer singing along  
>with themselves through headphones will have a tougher time with pitch if  
>there is higher latency.  
>  
>The low latency of PARIS is a major advantage.  
>  
>All the best,  
>  
>Mike

---

---

Subject: Re: the last paris app we need?

Posted by [excelav](#) on Fri, 09 Jan 2009 04:51:55 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Derek,

Well for the sake of argument. First, are you saying that your Nuendo setup sounds better than Paris? If so, in what way? What was the cost of this system? I think we need some kind of recording and mix down challenge here; ) I'd like to hear your Nuendo mixes that sound like a Paris mix. LaMont has pointed out that Nuendo starts to crap-out, sound and summing wise after so many tracks, I believe around 40 tracks. Has this situation changed with the latest systems? Or is it Nuendo? Since ProTools is the de-facto industry standard, why use Nuendo in a commercial studio?

I totally understand the functionality and ease of use argument. I'll still say, Paris sound and summing is damn good, even today 12 years later! Again for many, there is not a good reason to change based on the type of audio/music they record. For some it's cost prohibitive to switch, learning curve and time are considerations. Nuendo list for around \$2600.00 in the US, that's considerable for just software. Many of us use Paris in combination with other DAW softwares, it's the best of both worlds. And last, Paris is being developed further, thanks to Mike A. and Doug W., who knows, maybe Edmund will get inspired and deliver something soon... We should all email him.

As for logic, I will say Apple is supporting Logic and Logic 8 is incredible software. I would say any tying Apple to Avid Digidesign is disingenuous at this point and time, if anything, tying Microsoft to Avid Digidesign would be more appropriate being that Microsoft owns Avid Digidesign, or at least owns a large stake in them.

"derek" <a@b.com> wrote:

>

>"Neil" <OIOIU@oiu.com> wrote:

>>

>>Derek... I gotcha. BTW, FWIW, your recent posts look

>>STAGGERINGLY familiar to some posts I made few years back when

>>I bailed on paris for the Native world... welcome to the Dark

>>Side, my Jedi friend. lol

>

>

>i did change a few years ago too (in case you got the impression

>that i changed just recently).

>

>oh and this aint the "dark side". that terrority is still firmly

>in digidesigns hands ;-)

>(although personally after the whole

>emagic/apple soap opera a few years ago

>and the ongoing next-to-zero-support-for-logic tragedy that followed, id

>be tempted to label apple/logic the new "dark side")  
>  
>  
>best,  
>derek  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [Ted Gerber](#) on Fri, 09 Jan 2009 06:10:32 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi Derek -

Thanks for taking the time. If I thought you were trying to Troll, I wouldn't bother here, but I think there is a genuine interest in exchanging viewpoints.

So, yes, now I get that you are talking about actual complete phase cancellation between 2 files, one of which has been summed in Paris, the other bounced in Nuendo with the needed tweaks to make it sound identical to the one bounced in Paris.

My question on this matter now would be, what is the source of the files in question - a Paris mix? a Nuendo mix? Is it a 2 track (stereo) bounce, or a multi track session created separately in each (seems unlikely).

If it is not a multi track session, then that is telling to me, since the Paris summing "magic" was always in the context of many tracks, and conversely, the Native apps summing "shortfalls" were likewise within the context of many tracks.

Having said that, complete cancellation of any 2 sources created within different programs is significant. Have you been successful doing this on a variety of test files? If the point was to dissect and recreate the supposed Paris summing mystique in Nuendo, then it would be applicable to any/all files. Did you build and save a channel strip Preset in Nuendo for easy recall? This would be useful perhaps to others using Nuendo (and other Native DAWS?) and you might be able to share/sell it. Additionally I would be very interested in your findings about all the things that Paris does "wrong" like DC offset, sample differences between submixes and other items you listed, - could you post findings? Or is this presumptuous of me?

So what are we left with now? At this point we are left with 1/ you being able to perfectly recreate/duplicate the Paris summing sound

in Nuendo, while at the same time

2/ wondering why I have not likewise jumped ship and left Paris behind, since I should now understand that the Paris summing magic is not magic at all.

Well, I have said from the beginning that there are two reasons for staying with Paris, and they cannot be unlinked:

1/ The sound

2/ The time and expense to switch

You found the way to solve the Paris puzzle but "it admittedly takes quite a lot of expertise and trial and error to get to that". Even if you can, it doesn't mean I can. Even if I can it doesn't mean I want to.

I remain really happy with what Paris does for me sonically with my currently limited skill set (my listening skills are very good, my engineering skills are not in the same league as yours), and have no desire to spend any money/time on a new DAW/Computer/Converters at this time. (Remember I am already using Logic 8 together with Paris...)

Peace,

Ted

"derek" <a@b.com> wrote:

>

>"Ted Gerber" <tedgerber@rogers.com> wrote:

>

>>What I agree with is the certainty that you can produce fantastic results  
>>with many other combinations of software, hardware and technique.

>

>you know, i used to stand on a different side on this issue.  
>back then, paris really DID sound better on average  
>than a lot of the competition. but youve got to keep in mind  
>there, those were the deal oldschool days. from todays  
>perspective, its almost banal to realize that OF COURSE  
>paris sounded better and "more analog" than say a protools  
>system running mostly first generation waves plugins.  
>try to mimic ANY paris eq setting with a waves Q10, heck,  
>even with a renaissance eq. no chance. and PTs converters  
>sucked. and most native VST plugins sucked, sonically.

>

>so i am by no means saying paris' reputation is built on  
>a legend or anything. what it brought to the table sonically,  
>for the year 97, was simply amazing.

>  
>  
>but this aint 97 anymore, and its really a different story  
>if youre comparing it to todays world of daws where its  
>almost impossible to find a AD/DA converter that sounds  
>"bad" and where even freeware plugins dont just try to get  
>away with doing stuff by the book but care about parameter  
>interpolation, emulating soft saturation etc, not to mention  
>stuff from the "UAD league" if you will.  
>  
>  
>  
> I also  
>>agree with you that  
>>"convenience" advantages in other software can have a direct impact on  
sonics.  
>  
>  
>  
>>What I have difficulty with personally is getting the same sonic  
>>results from other software/hardware combos without investing  
>>significant time and money. I have been happy with results from CuBase  
or  
>>Logic summed through an analog board to tape. But I have been happier with  
>>those same mixes summed in Paris by itself.  
>  
>see this is where i part ways. i do so because i used  
>to believe in the "summing aspect" too - until i made huge  
>tests followed by true blind tests. and boy, did the difference  
>between just "trying it out" and true blind testing  
>blow me away. i could have sworn the paris sound was a completely  
>different one even just when pulling up faders. but it wasnt.  
>i wasnt able to tell what the paris one was, and upon further  
>investigation when i made sure to sidestep all of paris'  
>potential hiccups such as slight DC offset problems or else,  
>i got to archieve 100% cancellation in a null test, and  
>thats where that argument ends.  
>  
>the only explanation i have is the paris UI and its psychological  
>effect both visually and also because of the responsiveness  
>of the interface and IDs neat way or handling linear knob movements with  
>the mouse.  
>  
>  
>>As far as the idea that the Paris summing/bounce "magic" is easily replicated  
>>in other systems and "proven" using phase  
>>cancelling tests, I'm not sure what you mean by this (this is what I think  
>>you're saying, if I'm misinterpreting, I apologize). Even if you could

take

>>the same mix and bounce it from both Paris and Nuendo, then take both bounces  
>>and line them up in either software and flip phase on one, and largely  
cancel

>>the other out, phase cancellation speaks only to panning and frequency.

>

>

>first of all im not talking about "largely cancelling out"

>but "completely cancelling out". it admittedly takes quite

>a lot of expertise and trial and error to get to that because

>of many things that can throw you off in paris (the DC offset...

>one extra sample offset for each submix...even an enabled eq

>on an empty channel can throw this off...effects with

>random parameters or unsynced LFOs such as reverb and chorus

>must be excluded...plus, fader value

>readouts are not 100% the same from one daw to another so

>you might end up comparing -0.33db to -0.37db and

>mistake the level difference for a difference in sonic quality).

>

>so im talking about cancelling out completely. anything else

>is kind of pointless because then you only open the can of

>>worms whether that little rest of difference is inaudible

>or just what it took for the magic to happen.

>

>but when youre presented with 100% cancelling, the argument

>is over, because then youre talking about an output that

>is sonically and mathematically the same. in such cases,

>there is no difference.

>

>

> But

>>sonics and our perception of sound, to my mind,

>>have more to them than frequency response alone (beating an old drum here).

>

>no, whatever the "realm" is you want to put the finger on,

>be it spaceousness, transient response, "3D"-ness, clarity, density,

>whatever it is: if a mix cancels out 100%, it means that

>any of these parameters you can come up with would be

>exactly identical, or else there would be a difference signal.

>no difference signal means no difference. its really an absolute

>in that case.

>

>

>

>>How many companies are pushing their new audio components - mics, tape  
emulators,

>>amp simulators - as exact replicas of the originals they are trying to  
replace

>>(at much lower cost and greater convenience) by shoving EQ response curves  
>>in our faces? "See, our product has virtually the same curve as the product  
>>we are trying to unseat, therefore it must be as good" and then we listen  
>>to it, or use it, and find it doesn't sound nearly the same enough?

>

>

>yes, but that's not an adequate comparison. you can't compare  
>"nearly the same sounding" frequency responses to something  
>as methodically water proof as comparing two things with  
>a null test and ending up with a null :-)

>

>

> For me,

>>other things like 3 dimensionality (depth) and accurate time alignment

-

>>affects attack - are important (when digital first hit the scene everyone  
>>talked about it being cold, using EQ terms of reference, yet I knew as

a

>>piano technician that the piano concertos I was listening to on CD had  
much

>>less problem with EQ - any piano can be "bright" - than they did with the  
>>attack of the hammers striking the strings, it was just plain "unrealistic").

>>The thing is, currently we have the technology to measure EQ, but we don't

>>really have the means to measure depth and the psycho-acoustic effects  
of

>>the more "intangible" items.

>

>

>we may not have a way to measure how parameter X and Y, but we do have a

>way to measure whether parameter X and Y are identical

>in a given example or not, and that is the null test.

>

>so whether say the "depth" of a mix is totally great or totally

>awful, we cannot say, but we can say "whatever it is, its

>the same in this other copy of the mix because it cancels

>out completely and if there were any sonical difference

>whatsoever, there would have to be a difference signal".

>

>understand what i mean?

>

>

>

>>Yikes! Dead? Using this descriptor is prejudicial, "leading the witness"

>>so to speak. A variety of dictionaries define "dead"

>>with phrases like - lacking life, devoid of usefulness, unable to function.

>>I understand in your paradigm, PARIS is dead (and I

>>totally respect that, for most of the reasons you've cited), but PARIS

is



>>no more dead than any other piece of gear that's been  
>>discontinued by its manufacturer yet still serves the function for which  
>>it was intended.

>

>

>i didnt mean it the way you understood it ;- ) with "dead" i  
>just meant "unsupported by its official manufacturer"  
>(which itself may not be dead but it sure smells slightly  
>fishy to me) and not really in hopes of any major  
>software update ever (i.e. i could do without support  
>from the original manufaturer if ID had been so nice to  
>give the paris heroes the source code of the paris app,  
>but they didnt, so that fundamental aspect of the system  
>falls into the "dead" category by my standards)

>

>by no means did i say with that the system isnt useful.  
>i mean, hey, i kept using it for many years after its death,  
>so i must know ;-)

>

>i really just meant dead as the term that tells where it  
>the product stands in the marketplace (which in turn  
>kind of dictates the price, in paris' case a really low  
>price now, for a system that already was a steal  
>for its official price back in the day).

>

>

>best,  
>derek

---

Subject: Re: the last paris app we need?

Posted by [Wynona](#) on Fri, 09 Jan 2009 11:01:32 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hey there, haven't been on in a while, but still using PARIS.

It's too bad a lot of the discussion was PARIS vs. not PARIS, as I think that the interesting question is, what are the apps we need that deal with the realities of PARIS in today's world.

I really like the idea of fooling the software to think there's hardware, even if that means you can't play or hear anything, so long as you could export data and perhaps do some non-sound tasks. I think that would be essential as we all face the day of dying hardware. So to me, that's the #1 PARIS app we could use. Failing that, something that can read the PPJ and find the correct audio files and then write everything out to disk (perfect world would include rendering FX/etc.) would at least be an ideal export/disastery recovery too. I would definitely pay for something along

these lines.

Less critical, I do find that the PARIS native plug-ins are so resource intensive I can't run too many (even on a gig of memory), so I resort to VST a lot and would love to see PARIS-UI-inflected and PARIS-inspired VST plug-ins.

"derek" <a@b.com> wrote in message news:4960e292\$1 @linux...

>  
> hey guys :-)  
>  
>  
> after seeing how much work is put into the paris project  
> again lately (hats off to mike) ive been thinking about this  
> quite a bit and until now dont quite know how to say it without  
> it coming accross a bit offensive. but since i still am not sure  
> how to put it, i told myself, i might as well just go ahead  
> and just put this excuse in advance on top of it ;-) so here goes:  
>  
>  
> with so much manpower going into paris, an essentially dead  
> platform, one has to wonder, wouldnt it be smarter to  
> put this manpower into something thats, how shall i put it,  
> more essential in practical use? exactly how many people are  
> still using paris? is it even one hundred?  
>  
> ive been one of the most enthousiastic supporters of the  
> platform but for the life of me, i could not imagine ever  
> going back to it after years in the world of full midi and video  
> integration, VSTI support, total and complete latency compensation,  
> sample precise editing, rendering that actually works, compability, etc  
> yada  
> yada. no amount of DP4 algorithm ports  
> is going to change that, and i would assume that many if not  
> most ex-paris users feel that way.  
>  
> so if you operate on this basic assumption (just follow me here  
> for the sake of the argument), would it not make much more sense  
> to focus on something entirely different?  
> like, i would imagine the biggest hit among ex-paris users  
> and soon-to-be-ex-paris users would be a conversion application  
> that reads paris projects, just the most basic stuff  
> like files in use and position info and would convert  
> that into...dunno...an OMF maybe? maybe too complicated  
> (OMFs crossplatform compability seems to be a constantly moving  
> target and suck big time)..maybe just a bunch of rendered  
> continous wave files that get their data from the project file  
> and the associated pafs?

>  
> or maybe a completely different approach, a "hardware driver"  
> that fools the paris software into believing a fully functioning  
> EDS card with attached audio interface is present - so that  
> you can launch paris 3.0 on any computer and use the paris  
> software to convert projects into OMFs. you know, just a  
> dead end that on the other end pretends to the software  
> whatever the software asks for during boot to actually  
> get to the project window. no actual audio support, just  
> a fake hardware so that you can get to the software level  
> where you then could resurrect your files.

>  
> i know suggesting something like this is kind of an insult to the work  
> thats  
> currently being done (and that is exactly  
> what i would want to avoid), but can you see how that would  
> make a lot more sense to a lot more people?

>  
> to me, these days, the most important thing about paris  
> is the question of how i get past projects off that platform  
> whenever i need to work on them again. i still have a  
> working paris computer in the second control room but its  
> collecting dust, the system is slowly fading away as only  
> outdated pre-XP windows systems were able to do, and  
> the hardware side doesnt look to promising either.

>  
> and same thing about the effects: porting the awesome and  
> at times timeless effects from ensoniq effect history is  
> great - but why on earth do it for this outdated platform?  
> in the real world i know zero paris users that still use paris  
> (and i used to know a LOT), but i know lots and lots of  
> fans of the good old ensoniq stuff that would pay hard cash  
> for VST ports of some of the ensoniq algorithms.

>  
> not to mention that you would be able to use those effects  
> in paris then too, on modern computers probably in 50 times  
> more instances than on the EDS card, if you just take the  
> paris eq VST plugin as orientation (try to max out any current  
> machine by opening instances of that plugin - its more or less  
> impossible).

>  
>  
> i feel like i have to state that again, i so much admire you  
> people who do all this, so please dont get these suggestions  
> wrong.

>  
>  
> thanks for listening :-)

> derek

---

---

Subject: Re: the last paris app we need?

Posted by [derek](#) on Fri, 09 Jan 2009 16:21:53 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

"Wynona" <[wynona@asterick.com](mailto:wynona@asterick.com)> wrote:

>Hey there, haven't been on in a while, but still using PARIS.

>

>It's too bad a lot of the discussion was PARIS vs. not PARIS, as I think

>that the interesting question is, what are the apps we need that deal with

>the realities of PARIS in today's world.

>

>I really like the idea of fooling the software to think there's hardware,

>even if that means you can't play or hear anything, so long as you could

>export data and perhaps do some non-sound tasks. I think that would be

>essential as we all face the day of dying hardware. So to me, that's the

#1

>PARIS app we could use. Failing that, something that can read the PPJ and

>find the correct audio files and then write everything out to disk (perfect

>world would include rendering FX/etc.) would at least be an ideal

>export/disastery recovery too. I would definitely pay for something along

>these lines.

>

>Less critical, I do find that the PARIS native plug-ins are so resource

>intensive I can't run too many (even on a gig of memory), so I resort to

VST

>a lot and would love to see PARIS-UI-inflected and PARIS-inspired VST

>plug-ins.

thanks :-) yes, i would pay for such exporting apps too.

the target audience for such "paris project recovery" apps

(whether its the approach of fake hardware driver or

simply a ppj-audiofile position ressurection app) would

not be the current paris userbase but the current paris userbase

plus all ex-paris users out there.

that would be quite a few people more i guess. and i can imagine many of them would be willing to pay real good money for this (if you calculate just a single purchase of something that would be such a huge timesaver versus the amount of time it takes to properly export stuff from a big paris project with paris itself, even rather high prices still seem like a reasonable deal IMO).

---

---

Subject: Re: the last paris app we need?  
Posted by [TC](#) on Fri, 09 Jan 2009 19:49:19 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

I've done a fair amount of singing through headphones into my native Logic system (using core audio with a HD core card to a Lynx Aurora).

I didn't notice any latency that was problematic or distracting. I'm running a quad core, so no 8 cores yet, but I have about 10 GB of ram installed. (logic has some other issues that annoy me, but that's another discussion).

I really like the sound of logic, both itb, and more so summed through the equinox and back through an apogee mini-me.

I also really like the sound of Paris. I don't think latency is as big a deal either. I do think that Paris still does add something special (I'm bypassing the paris converters), whether it's soft clipping in the software or hardware, the eds chips, I don't know, but it sounds good, and it does sound different from other daws to my ears.. not always "better", but a different flavor certainly.

Cheers,

TC

derek wrote:

> "Mike Audet" <mike@...> wrote:

>> Any singer singing along

>> with themselves through headphones will have a tougher time with pitch if

>> there is higher latency.

>

>

> just, but only from a certain point on. as mentioned, with

> a modern multicore setup you can get lower latencies than

> the thousands of PT systems in all those recording studios

> out there. and noone ever complained about latency there

> either. of course it starts to make an influence at some

> point, but in this low range we are talking about here

> (1.5ms in paris, around 2.7ms in my setup) the  
> difference is neglectible.  
>  
> as i mentioned, the difference is less than one external  
> analog insert in paris. i dont recall anyone ever been  
> thrown off by that.  
>  
>  
> ...again, not trying to "convert" anyone. just trying to  
> put the summing and latency angst somewhat into perspective  
> from someone who came from the same system (and thus the  
> same mindset, in a way :-)  
>  
> and of course theres always hardware monitoring. with that,  
> you can archieve even lower latencies due to today converters  
> being even a little faster. so you could just as well take  
> this argument to the other extreme and argue that the 1.5ms  
> of paris are too much and its absolutely gotta be the  
> 1.1ms of more modern converter roundtrips or the 0.001ms of  
> an analog monitoring system.  
>  
> my point would be that anything below x ms is just neglectible,  
> and both paris, protools and modern native systems fall  
> into that category.

---

---

Subject: Re: the last paris app we need?  
Posted by [derek](#) on Fri, 09 Jan 2009 20:29:14 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"Ted Gerber" <tedgerber@rogers.com> wrote:

>  
>Hi Derek -  
>  
>Thanks for taking the time. If I thought you were trying to Troll, I wouldn't  
>bother here, but I think there is a genuine  
>interest in exchanging viewpoints.  
>  
>So, yes, now I get that you are talking about actual complete  
>phase cancellation between 2 files, one of which has been  
>summed in Paris, the other bounced in Nuendo with the needed  
>tweaks to make it sound identical to the one bounced in Paris.  
>  
>the files in question - a Paris mix? a Nuendo mix? Is it a 2 track (stereo)  
>bounce, or a multi track session created separately in each (seems unlikely).  
>  
>  
>If it is not a multi track session, then that is telling to

>me, since the Paris summing "magic" was always in the context of  
>many tracks, and conversely, the Native apps summing "shortfalls"  
>were likewise within the context of many tracks.  
>  
>Having said that, complete cancellation of any 2 sources created  
>within different programs is significant. Have you been successful doing  
>this on a variety of test files? If the point was to dissect and recreate  
>the supposed Paris summing mystique  
>in Nuendo, then it would be applicable to any/all files. Did you  
>build and save a channel strip Preset in Nuendo for easy recall?  
>This would be useful perhaps to others using Nuendo (and other  
>Native DAWS?)and you might be able to share/sell it. Additionally  
>I would be very interested in your findings about all the things  
>that Paris does "wrong" like DC offset, sample differences between submixes  
>and other items you listed, - could you post findings? Or is this presumptuous  
>of me?  
>  
>So what are we left with now? At this point we are left with  
>1/ you being able to perfectly recreate/duplicate the Paris summing sound  
>in Nuendo, while at the same time  
>2/ wondering why I have not likewise jumped ship and left Paris behind,  
since  
>I should now understand that the Paris summing magic is not magic at all.  
>  
>Well, I have said from the beginning that there are two reasons  
>for staying with Paris, and they cannot be unlinked:  
>1/ The sound  
>2/ The time and expense to switch  
>  
>You found the way to solve the Paris puzzle but "it admittedly takes quite  
>a lot of expertise and trial and error to get to that". Even if you can,  
>it doesn't mean I can. Even if I can it  
>doesn't mean I want to.  
>  
>I remain really happy with what Paris does for me sonically with my currently  
>limited skill set (my listening skills are very good, my engineering skills  
>are not in the same league as yours),  
>and have no desire to spend any money/time on a new DAW/Computer/Converters  
>at this time. (Remember I am already using Logic 8  
>together with Paris...)  
>  
>Peace,  
>  
>Ted

hey ted,

no im not trying to troll ;-)  
the original reason why  
i posted here kind of vanished but if i can take some  
of the summing angst away from people, im telling myself  
thats worth something too ;-)

it of course was a multitrack test, thats the whole  
point of the summing issue, it it not? but  
you slightly misread my post. it did not take tweaking in  
nuendo to make it sound like paris, it took tweaking in  
paris to avoid the numerous "gotchas" to avoid anything  
that could throw off the test. basically it goes like  
this: in theory, all daws should sound the same (if you isolate  
the parameters involved to just the daw itself, and leave  
external influeces like converters etc outside of the issue,  
cause you can use any converter with any daw).  
summing is math, and most daws have a reasonably high resolution,  
so they should all cancel out completely or down at some  
grotesquely low level like -100 (=below a typical DAs noise floor) or even  
values like -150 or "infinity".

in practice, \*almost\* all daws sound exactly the same and  
cancel each other out completely in summing tests when done  
right. some daws fail to cancel completely, and upon  
further investigation you usually realize its not because  
of some magic soup involved but because of some methodical  
errors or because of some banal stuff that throws the test  
off, like noise floor coming from an open aux return, file timing offsets  
because of imprecise implementation, stuff like that. none of that means  
theres an actual sound difference, i.e.  
with the file timing, theres just a little timing error, yet  
it leads to a nulltest that fails that some would interpret  
as there being a sonical difference and it might be summing,  
but if you can correct the issue with a file offset, it  
clearly shows that its not.

this is also the case with paris. i think ive listed quite  
a few of the many parameters to keep an eye on in my previous post.

best,  
derek

---

Subject: Re: the last paris app we need?



Posted by [derek](#) on Fri, 09 Jan 2009 20:34:44 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

"Gantt Kushner" <[ganttmann@comcast.net](mailto:ganttmann@comcast.net)> wrote:

>How about Logic w/ the Apogee Symphony system's claim to 1.5ms door-to-door?

i remember reading about those claims that they were kind of "fake" in some way. of course for one they like always dont include the converter latency in the calculations, but it was also something a lot more severe. like, some kinds of processing or virtual instruments not working at these settings or so, which seemed kind of pointless compared to other fast systems where ALL of this fully works at comparable latencies.

but i only vaguely remember what the "gotcha" was, might have been something else. but it was something like that.

best,  
derek

---

---

Subject: Re: the last paris app we need?

Posted by [derek](#) on Fri, 09 Jan 2009 20:42:10 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

"Mike Audet" <[mike@...](mailto:mike@...)> wrote:

> Any singer singing along

>with themselves through headphones will have a tougher time with pitch if

>there is higher latency.

just, but only from a certain point on. as mentioned, with a modern multicore setup you can get lower latencies than the thousands of PT systems in all those recording studios out there. and noone ever complained about latency there either. of course it starts to make an influence at some point, but in this low range we are talking about here (1.5ms in paris, around 2.7ms in my setup) the difference is neglectible.

as i mentioned, the difference is less than one external analog insert in paris. i dont recall anyone ever been thrown off by that.

....again, not trying to "convert" anyone. just trying to

put the summing and latency angst somewhat into perspective from someone who came from the same system (and thus the same mindset, in a way :-)

and of course theres always hardware monitoring. with that, you can achieve even lower latencies due to today converters being even a little faster. so you could just as well take this argument to the other extreme and argue that the 1.5ms of paris are too much and its absolutely gotta be the 1.1ms of more modern converter roundtrips or the 0.001ms of an analog monitoring system.

my point would be that anything below x ms is just neglectible, and both paris, protocols and modern native systems fall into that category.

---

Subject: Re: the last paris app we need?  
Posted by [derek](#) on Fri, 09 Jan 2009 21:21:35 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"James McCloskey" <excelsm@hotmail.com> wrote:

>

>Derek,

>Well for the sake of argument. First, are you saying that your Nuendo setup  
>sounds better than Paris? If so, in what way?

theres several factors. for one, yes, it can "sum" just the way paris sums. you can even get it to do clipping like paris does (as a floating point mixing engine, nuendo by nature basically doesnt clip internally within reasonable ranges, but of course theres ways to do clipping anyhow). so that part of the "magic sauce" is covered.

2. even though my basic point is that all daws in their bare bones "sum" more or less the same, i would still argue that my mixes sound better with nuendo. not because of some sonic superiority, but because of what i described earlier, fields where ease-of-use has a sonic impact.

like, easily being able to create subgroups and do processing there. parallel processing (try to do "new york" type parallel compression setups on the drums in paris without first bouncing the drums down to a stereo file - it cant be done). ability to throw around stuff without having to worry about latency compensation ever. super easy low level automation with object volumes and stuff. you think twice before you turn on the automation of a track,

or recalculate a file with the gain DSP command. you dont think twice if all it takes is selecting the file and dragging its volume knob up. ability for ducking anywhere, both mono and on stereo groups (which might be a group thats made up of other groups).

you just mix more freely due to the flexibility. and that has a sonic impact, yes, i would argue that.

> What was the cost of this  
>system?

oh, MY system was expensive, but i needed something where i knew it could handle 400 tracks and more in realtime with reasonable latency (dont ask - i have a couple of jobs that really require that kind of insanity). thats why i have a dual quadcore xeon, which was and maybe still is a pretty expensive machine.

but a good machine that has awesome performance specs (and is even a little more ultra low latency friendly than dual quadcore xeons) would be something like a nice custom designed core4quad from a daw maker. a popular daw maker here in germany sells models with awesome overall specs for around 1200 euros.

> I think we need some kind of recording and mix down challenge here;  
> ) I'd like to hear your Nuendo mixes that sound like a Paris mix.

oh please, im not here to start challenges :-)) feel free to google me if you cant take my word for it, i have lots of releases (usually german speaking countries only though).

> LaMont  
>has pointed out that Nuendo starts to crap-out, sound and summing wise after  
>so many tracks, I believe around 40 tracks.

i beg to differ. nuendo no more "craps out" than paris does. that is a myth.

> Has this situation changed with  
>the latest systems? Or is it Nuendo? Since ProTools is the de-facto industry  
>standard, why use Nuendo in a commercial studio?

because nobody cares, really. and in my specific case, because  
there is no protools system that does that many tracks.

>I totally understand the functionality and ease of use argument. I'll still  
>say, Paris sound and summing is damn good, even today 12 years later!

of course it is. the point is just, its a myth that all  
other hosts summing would be bad. the impression of  
paris being an exceptionally good sounding daw was totally  
valid, always, but it doesnt have to do with summing.  
paris was "just" a daw that in times when people dealt with  
unmasked clipping, shitty first generation waves plugins  
and crap ADDA such as the early digidesign stuff as  
de facto standard, was a daw that did many many things very very  
right.

Again

>for many, there is not a good reason to change based on the type of audio/music  
>they record. For some it's cost prohibitive to switch, learning curve  
and  
>time are considerations.

guess i cant point that out often enough: im not  
trying to convert anybody. i know the warm and fuzzy  
feeling of being in the paris world.

yet, i also know the not quite so warm and fuzzy feeling  
of dealing with audio not streaming fast enough messages,  
with the 283746398594234 bugs of version 3, with an audio  
window severely slowing down the entire system when open,  
the unhandled exceptions, stereo native plugin hiccups  
when the edits of the two mono files where not completely  
in sync, all the hassle with hybrid "this daw does this  
and that daw does that" setups as opposed to just  
having one system that does it all etc blah blah.

so my point is more, to those who are bothered by this,  
all i can say is, do not be afraid ;-) theres awesome

stuff out there these days, and im tempted to say, it ALL sounds absolutely awesome. there is no bad sounding daw out there anymore. heck, its hard to find bad sounding converters these days. and the plugin side of things, hey, if youve got a UAD and cant get a mix to sound with those plugins, then the problem probably lies more with yourself than with your setup.

> Nuendo list for around \$2600.00 in the US, that's >considerable for just software.

nuendo is only so expensive for image reasons, to differentiate it from cubase, which under the hood is exactly the same program minus a few features, none of which are relevant to regular music production (ok, maybe with the exception of the extremely cool automation system that nuendo 4 got a while ago, but cubases automation is still also very good and for sure still a lot better than the one in paris)

> Many of us use Paris in combination with >other DAW softwares, it's the best of both worlds.

well but if the only reason why you go through all the hassle is the belief in some voodoo summing magic happening and otherwise you could just as well save yourself the trouble, isnt that kind of a waste of time?

> And last, Paris is being >developed further, thanks to Mike A. and Doug W., who knows, maybe Edmund >will get inspired and deliver something soon... We should all email him.

what mike&co are doing is downright amazing, no doubt. so many of the things theyve done, boy i wish so much i would have had that back then when i was still using paris :-)  
also note im NOT trying to get them off track.  
but think about it this way: imagine writing such a "fake driver to get paris to run software only" would be a not-so enourmous task (i really have absolutely no idea, for all i know it might just as well be completely impossible, i just dont know), yet the target audience for this thing would be all of todays paris users (who wouldnt want

such a safety net to export stuff from PPJs) plus ALL ex paris users, willing to pay good money for this.

that would mean more money for mike for his efforts.  
that would be good karma IMO :-)

as far as edmund is concerned, i wouldnt hold my breath.

>As for logic, I will say Apple is supporting Logic and Logic 8 is incredible  
>software.

yeah, apple is supporting logic. with ONE major update in the last five years. and in what ways logic 8 is "incredible" kind of lies in the eye of the beholder i guess ;-)

seriously though - logic is an almost unsupported product. they went as far as dialing down the copy protection, lowering the price and throwing in freebie apps (that have functionality that apple didnt care to built into logic like almost all competitors have it now). if you cant read those signs as what they clearly are, i cant help you. i know that where i live, from all the studios that used to use logic (and there were many), ALL but one have switched to either protocols or nuendo.

> I would say any tying Apple to Avid Digidesign is disingenuous  
>at this point and time, if anything, tying Microsoft to Avid Digidesign would  
>be more appropriate being that Microsoft owns Avid Digidesign, or at least  
>owns a large stake in them.

i was talking in "which giant holds shares in the company" terms, more like the overall "niceness" from a company towards it customers. and apples track record with logic really stinks as far as that is concerned:

1. cancel crossplatform support without advance warning and thus completely pull the plug for around 40% of your userbase.
2. cancel VST plugin support and thus make your users plugin lists 50% shorter to push your own non-crossplatform plugin standard agendas
3. force people to participate in the transitional period between OS9 and OSX (boy was that a tough ride in the beginning), with all the poofs, compability issues and yet even shorter plugin lists that were involved

4. as if that werent enough transitional periods, give them the nice chaos of PPC vs intel dual support. who cares that many 3rd parties now in theory have to support FOUR compilations on the mac of they want to cover the market (VST/ppc/intel, AU/ppc/intel)
5. reward your users for enduring all this bullshit with ONE update in 5 years. ONE.

i know youre an apple fan. but sorry man, you cant sugarcoat that one. more or less all logic and exlogic users i know downright HATE apple for their track record in this regard, and that includes some really die hard apple fans that otherwise still swear by the company (and they do build quite nice computers, no argument there)

---

---

Subject: Re: the last paris app we need?  
Posted by [EK Sound](#) on Fri, 09 Jan 2009 21:56:51 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

You can also right click and drag the segments (I think that's the way it's done) to an adjacent track to make a copy for rendering. That way you have the original track next to it to compare to. Go to the end of the track... if it lines up, you're good to go.

David.

Ted Gerber wrote:

- > Thanks again Derek for your findings and conclusions -
- >
- > I have one last question:
- >
- > You listed as one of Paris' shortfalls rendering that
- > doesn't work (file does not sound the same after rendering
- > to disk). I have only had a rendering problem when there were
- > crossfades \_that did not touch\_ in an edited track. If I make
- > sure that all segments touch on the timeline (no big effort) I
- > have been able to "render track to disc", then "undo" to get
- > the pre-rendered edited track back, then drag in the newly rendered file
- > and cancel out with a phase flip. This has also worked when "render(ing)
- > with Native Plugins".
- >
- > Did this not work for you?
- >
- > Ted
- >
- >

> "derek" <a@b.com> wrote:  
>> "Ted Gerber" <tedgerber@rogers.com> wrote:  
>>> Hi Derek -  
>>>  
>>> Thanks for taking the time. If I thought you were trying to Troll, I wouldn't  
>>> bother here, but I think there is a genuine  
>>> interest in exchanging viewpoints.  
>>>  
>>> So, yes, now I get that you are talking about actual complete  
>>> phase cancellation between 2 files, one of which has been  
>>> summed in Paris, the other bounced in Nuendo with the needed  
>>> tweaks to make it sound identical to the one bounced in Paris.  
>>>  
>>> the files in question - a Paris mix? a Nuendo mix? Is it a 2 track (stereo)  
>>> bounce, or a multi track session created separately in each (seems unlikely).  
>>>  
>>>  
>>> If it is not a multi track session, then that is telling to  
>>> me, since the Paris summing "magic" was always in the context of  
>>> many tracks, and conversely, the Native apps summing "shortfalls"  
>>> were likewise within the context of many tracks.  
>>>  
>>> Having said that, complete cancellation of any 2 sources created  
>>> within different programs is significant. Have you been successful doing  
>>> this on a variety of test files? If the point was to dissect and recreate  
>>> the supposed Paris summing mystique  
>>> in Nuendo, then it would be applicable to any/all files. Did you  
>>> build and save a channel strip Preset in Nuendo for easy recall?  
>>> This would be useful perhaps to others using Nuendo (and other  
>>> Native DAWs?) and you might be able to share/sell it. Additionally  
>>> I would be very interested in your findings about all the things  
>>> that Paris does "wrong" like DC offset, sample differences between submixes  
>>> and other items you listed, - could you post findings? Or is this presumptuous  
>>> of me?  
>>>  
>>> So what are we left with now? At this point we are left with  
>>> 1/ you being able to perfectly recreate/duplicate the Paris summing sound  
>>> in Nuendo, while at the same time  
>>> 2/ wondering why I have not likewise jumped ship and left Paris behind,  
>> since  
>>> I should now understand that the Paris summing magic is not magic at all.  
>>>  
>>> Well, I have said from the beginning that there are two reasons  
>>> for staying with Paris, and they cannot be unlinked:  
>>> 1/ The sound  
>>> 2/ The time and expense to switch  
>>>  
>>> You found the way to solve the Paris puzzle but "it admittedly takes quite



>>> a lot of expertise and trial and error to get to that". Even if you can,  
>>> it doesn't mean I can. Even if I can it  
>>> doesn't mean I want to.  
>>>  
>>> I remain really happy with what Paris does for me sonically with my currently  
>>> limited skill set (my listening skills are very good, my engineering skills  
>>> are not in the same league as yours),  
>>> and have no desire to spend any money/time on a new DAW/Computer/Converters  
>>> at this time. (Remember I am already using Logic 8  
>>> together with Paris...)  
>>>  
>>> Peace,  
>>>  
>>> Ted  
>>  
>>  
>> hey ted,  
>>  
>>  
>> no im not trying to troll ;- ) the original reason why  
>> i posted here kind of vanished but if i can take some  
>> of the summing angst away from people, im telling myself  
>> thats worth something too ;- )  
>>  
>> it of course was a multitrack test, thats the whole  
>> point of the summing issue, it it not? but  
>> you slightly misread my post. it did not take tweaking in  
>> nuendo to make it sound like paris, it took tweaking in  
>> paris to avoid the numerous "gotchas" to avoid anything  
>> that could throw off the test. basically it goes like  
>> this: in theory, all daws should sound the same (if you isolate  
>> the parameters involved to just the daw itself, and leave  
>> external influeces like converters etc outside of the issue,  
>> cause you can use any converter with any daw).  
>> summing is math, and most daws have a reasonably high resolution,  
>> so they should all cancel out completely or down at some  
>> grotesquely low level like -100 (=below a typical DAs noise floor) or even  
>> values like -150 or "infinity".  
>>  
>> in practice, \*almost\* all daws sound exactly the same and  
>> cancel each other out completely in summing tests when done  
>> right. some daws fail to cancel completely, and upon  
>> further investigation you usually realize its not because  
>> of some magic soup involved but because of some methodical  
>> errors or because of some banal stuff that throws the test  
>> off, like noise floor coming from an open aux return, file timing offsets  
>> because of imprecise implementation, stuff like that. none of that means  
>> theres an actual sound difference, i.e.

>> with the file timing, theres just a little timing error, yet  
>> it leads to a nulltest that fails that some would interpret  
>> as there being a sonical difference and it might be summing,  
>> but if you can correct the issue with a file offset, it  
>> clearly shows that its not.  
>>  
>>  
>> this is also the case with paris. i think ive listed quite  
>> a few of the many parameters to keep an eye on in my previous post.  
>>  
>>  
>> best,  
>> derek  
>

---

Subject: Re: the last paris app we need?  
Posted by [Ted Gerber](#) on Fri, 09 Jan 2009 23:00:37 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Thanks again Derek for your findings and conclusions -

I have one last question:

You listed as one of Paris' shortfalls rendering that doesn't work (file does not sound the same after rendering to disk). I have only had a rendering problem when there were crossfades that did not touch in an edited track. If I make sure that all segments touch on the timeline (no big effort) I have been able to "render track to disc", then "undo" to get the pre-rendered edited track back, then drag in the newly rendered file and cancel out with a phase flip. This has also worked when "render(ing) with Native Plugins".

Did this not work for you?

Ted

"derek" <a@b.com> wrote:

>

>"Ted Gerber" <tedgerber@rogers.com> wrote:

>>

>>Hi Derek -

>>

>>Thanks for taking the time. If I thought you were trying to Troll, I wouldn't

>>bother here, but I think there is a genuine

>>interest in exchanging viewpoints.

>>  
>>So, yes, now I get that you are talking about actual complete  
>>phase cancellation between 2 files, one of which has been  
>>summed in Paris, the other bounced in Nuendo with the needed  
>>tweaks to make it sound identical to the one bounced in Paris.  
>>  
>>the files in question - a Paris mix? a Nuendo mix? Is it a 2 track (stereo)  
>>bounce, or a multi track session created separately in each (seems unlikely).  
>>  
>>  
>>If it is not a multi track session, then that is telling to  
>>me, since the Paris summing "magic" was always in the context of  
>>many tracks, and conversely, the Native apps summing "shortfalls"  
>>were likewise within the context of many tracks.  
>>  
>>Having said that, complete cancellation of any 2 sources created  
>>within different programs is significant. Have you been successful doing  
>>this on a variety of test files? If the point was to dissect and recreate  
>>the supposed Paris summing mystique  
>>in Nuendo, then it would be applicable to any/all files. Did you  
>>build and save a channel strip Preset in Nuendo for easy recall?  
>>This would be useful perhaps to others using Nuendo (and other  
>>Native DAWs?)and you might be able to share/sell it. Additionally  
>>I would be very interested in your findings about all the things  
>>that Paris does "wrong" like DC offset, sample differences between submixes  
>>and other items you listed, - could you post findings? Or is this presumptuous  
>>of me?  
>>  
>>So what are we left with now? At this point we are left with  
>>1/ you being able to perfectly recreate/duplicate the Paris summing sound  
>>in Nuendo, while at the same time  
>>2/ wondering why I have not likewise jumped ship and left Paris behind,  
>since  
>>I should now understand that the Paris summing magic is not magic at all.  
>>  
>>Well, I have said from the beginning that there are two reasons  
>>for staying with Paris, and they cannot be unlinked:  
>>1/ The sound  
>>2/ The time and expense to switch  
>>  
>>You found the way to solve the Paris puzzle but "it admittedly takes quite  
>>a lot of expertise and trial and error to get to that". Even if you can,  
>>it doesn't mean I can. Even if I can it  
>>doesn't mean I want to.  
>>  
>>I remain really happy with what Paris does for me sonically with my currently  
>>limited skill set (my listening skills are very good, my engineering skills  
>>are not in the same league as yours),

>>and have no desire to spend any money/time on a new DAW/Computer/Converters  
>>at this time. (Remember I am already using Logic 8  
>>together with Paris...)

>>

>>Peace,

>>

>>Ted

>

>

>

>hey ted,

>

>

>no im not trying to troll ;-)  
>the original reason why  
>i posted here kind of vanished but if i can take some  
>of the summing angst away from people, im telling myself  
>thats worth something too ;-)

>

>it of course was a multitrack test, thats the whole  
>point of the summing issue, it it not? but  
>you slightly misread my post. it did not take tweaking in  
>nuendo to make it sound like paris, it took tweaking in  
>paris to avoid the numerous "gotchas" to avoid anything  
>that could throw off the test. basically it goes like  
>this: in theory, all daws should sound the same (if you isolate  
>the parameters involved to just the daw itself, and leave  
>external influeces like converters etc outside of the issue,  
>cause you can use any converter with any daw).  
>summing is math, and most daws have a reasonably high resolution,  
>so they should all cancel out completely or down at some  
>grotesquely low level like -100 (=below a typical DAs noise floor) or even  
>values like -150 or "infinity".

>

>in practice, \*almost\* all daws sound exactly the same and  
>cancel each other out completely in summing tests when done  
>right. some daws fail to cancel completely, and upon  
>further investigation you usually realize its not because  
>of some magic soup involved but because of some methodical  
>errors or because of some banal stuff that throws the test  
>off, like noise floor coming from an open aux return, file timing offsets  
>because of imprecise implementation, stuff like that. none of that means  
>theres an actual sound difference, i.e.  
>with the file timing, theres just a little timing error, yet  
>it leads to a nulltest that fails that some would interpret  
>as there being a sonical difference and it might be summing,  
>but if you can correct the issue with a file offset, it  
>clearly shows that its not.

>

>  
>this is also the case with paris. i think ive listed quite  
>a few of the many parameters to keep an eye on in my previous post.  
>  
>  
>best,  
>derek

---

---

Subject: Re: the last paris app we need?  
Posted by [excelav](#) on Fri, 09 Jan 2009 23:31:23 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

My challenge idea was more of a fun mix-off contest to liven this place up a bit and get us all talking. I wasn't challenging your word, I do however think that audio is subjective and I'd really like to hear a comparison. A controlled comparison test would tell us more.

As far as my comments about what LaMont said in the past goes, I hope he chimes in so we know where he stands today. LaMont is a guy that has a lot of experience with a lot of different equipment, so I also respect what he has to say. Of course in the end it's all somewhat subjective.

Paris is just another tool in the arsenal to creating great sound. People that know it well can get up and tracking live instruments very quickly and making music. If there is a way to reproduce the sound of Paris in another DAW, I'd like to know what that formula is??? I'd also like to hear it.

About Logic:

In the past I've voiced my opinion about the apple logic deal. I think it sucks that they dropped VST support, and they did not include MPEG 2 compression support in some of their Video products in the past. I didn't like that in the recent past you could not use any other DVD burners other than their Super Drives with their video products. Apple has made bad decisions, like dropping FW 400.

I know for PC users it was a big disappointment that Apple dropped Logic for PC, and no one could blame them for being disappointed, from a business stand point it made sense to Apple. Not that this justifies anything, but I can tell you Mac users have had to deal with this kind of thing many times with many softwares. Just in audio softwares that have been dropped for Mac off the top of my head, Deck, Metro, Spark, Studio Vision, Paris, Bias?something, can't think of the name, there are so many I can't think of them all anymore. Mac users have been told that there isn't enough of a user base to support development, often that was not the case, so we've been their.

The past price of Apple support contracts for Logic were a joke, they are more reasonable now. Apple has caught up in my opinion, it took them time

to get things right. As far as development for PPC and Intel there has been no chaos, in the developer kit it is simply a check box, it creates binary code and it writes for both processors, there is no extra work. The transition to Intel has been the smoothest transition in computer history.

Apple has taken more time to get out Logic than other developers, it took them time to get things right. Apple has had more than one upgrade in 5 years, you forget Logic 7.x.x. Apple does support Logic. Apple has done a great job with Logic 8, it's a whole new game now, I think you should use it before you bash it. Logic 8 and all it's functionality is well integrated. Logic 8 rocks!

"derek" <a@b.com> wrote:

>

>"James McCloskey" <excelsm@hotmail.com> wrote:

>>

>>Derek,

>>Well for the sake of argument. First, are you saying that your Nuendo setup

>>sounds better than Paris? If so, in what way?

>

>theres several factors. for one, yes, it can "sum" just

>the way paris sums. you can even get it to do clipping

>like paris does (as a floating point mixing engine, nuendo

>by nature basically doesnt clip internally within reasonable

>ranges, but of course theres ways to do clipping anyhow).

>so that part of the "magic sauce" is covered.

>

>2. even though my basic point is that all daws in their

>bare bones "sum" more or less the same, i would still argue

>that my mixes sound better with nuendo. not because of

>some sonic superiority, but because of what i described earlier,

>fields where ease-of-use has a sonic impact.

>

>like, easily being able to create subgroups and do processing

>there. parallel processing (try to do "new york" type

>parallel compression setups on the drums in paris

>without first bouncing the drums down to a stereo file - it

>cant be done). ability to throw around stuff

>without having to worry about latency compensation ever.

>super easy low level automation with object volumes and stuff.

>you think twice before you turn on the automation of a track,

>or recalculate a file with the gain DSP command. you dont

>think twice if all it takes is selecting the file and dragging

>its volume knob up. ability for ducking anywhere, both

>mono and on stereo groups (which might be a group thats

>made up of other groups).

>  
>you just mix more freely due to the flexibility. and that  
>has a sonic impact, yes, i would argue that.  
>  
>  
>  
>> What was the cost of this  
>>system?  
>  
>oh, MY system was expensive, but i needed something  
>where i knew it could handle 400 tracks and more in realtime  
>with reasonable latency (dont ask - i have a couple of  
>jobs that really require that kind of insanity).  
>thats why i have a dual quadcore xeon, which was and  
>maybe still is a pretty expensive machine.  
>  
>but a good machine that has awesome performance specs  
>(and is even a little more ultra low latency friendly than  
>dual quadcore xeons) would be something like a nice  
>custom designed core4quad from a daw maker. a popular daw  
>maker here in germany sells models with awesome overall specs  
>for around 1200 euros.  
>  
>  
>  
>> I think we need some kind of recording and mix down challenge here;  
>> ) I'd like to hear your Nuendo mixes that sound like a Paris mix.  
>  
>  
>oh please, im not here to start challenges :-) feel free to  
>google me if you cant take my word for it, i have lots of  
>releases (usually german speaking countries only though).  
>  
>  
>  
>> LaMont  
>>has pointed out that Nuendo starts to crap-out, sound and summing wise  
after  
>>so many tracks, I believe around 40 tracks.  
>  
>  
>i beg to differ. nuendo no more "craps out" than paris does.  
>that is a myth.  
>  
>  
>  
>> Has this situation changed with  
>>the latest systems? Or is it Nuendo? Since ProTools is the de-facto industry

>>standard, why use Nuendo in a commercial studio?

>

>

>because nobody cares, really. and in my specific case, because

>there is no protocols system that does that many tracks.

>

>

>

>>I totally understand the functionality and ease of use argument. I'll still

>>say, Paris sound and summing is damn good, even today 12 years later!

>

>of course it is. the point is just, its a myth that all

>other hosts summing would be bad. the impression of

>paris being an exceptionally good sounding daw was totally

>valid, always, but it doesnt have to do with summing.

>paris was "just" a daw that in times when people dealt with

>unmasked clipping, shitty first generation waves plugins

>and crap ADDA such as the early digidesign stuff as

>de facto standard, was a daw that did many many things very very

>right.

>

>

> Again

>>for many, there is not a good reason to change based on the type of audio/music

>>they record. For some it's cost prohibitive to switch, learning curve

>and

>>time are considerations.

>

>guess i cant point that out often enough: im not

>trying to convert anybody. i know the warm and fuzzy

>feeling of being in the paris world.

>

>yet, i also know the not quite so warm and fuzzy feeling

>of dealing with audio not streaming fast enough messages,

>with the 283746398594234 bugs of version 3, with an audio

>window severely slowing down the entire system when open,

>the unhandled exceptions, stereo native plugin hiccups

>when the edits of the two mono files where not completely

>in sync, all the hassle with hybrid "this daw does this

>and that daw does that" setups as opposed to just

>having one system that does it all etc blah blah.

>

>so my point is more, to those who are bothered by this,

>all i can say is, do not be afraid ;-) theres awesome

>stuff out there these days, and im tempted to say, it

>ALL sounds absolutely awesome. there is no bad sounding

>daw out there anymore. heck, its hard to find bad sounding



>converters these days. and the plugin side of things,  
>hey, if youve got a UAD and cant get a mix to sound with  
>those plugins, then the problem probably lies more with  
>yourself than with your setup.  
>  
>  
>> Nuendo list for around \$2600.00 in the US, that's  
>>considerable for just software.  
>  
>nuendo is only so expensive for image reasons, to differentiate  
>it from cubase, which under the hood is exactly the same  
>program minus a few features, none of which are  
>relevant to regular music production (ok, maybe with the  
>exception of the extremely cool automation system that  
>nuendo 4 got a while ago, but cubases automation is  
>still also very good and for sure still a lot better than the  
>one in paris)  
>  
>  
>  
>> Many of us use Paris in combination with  
>>other DAW softwares, it's the best of both worlds.  
>  
>well but if the only reason why you go through all the  
>hassle is the belief in some voodoo summing magic happening  
>and otherwise you could just as well save yourself the  
>trouble, isnt that kind of a waste of time?  
>  
>  
>  
>> And last, Paris is being  
>>developed further, thanks to Mike A. and Doug W., who knows, maybe Edmund  
>>will get inspired and deliver something soon... We should all email him.  
>  
>  
>what mike&co are doing is downright amazing, no doubt.  
>so many of the things theyve done, boy i wish so much i  
>>would have had that back then when i was still using paris :-)  
>also note im NOT trying to get them off track.  
>but think about it this way: imagine writing such a "fake  
>driver to get paris to run software only" would be a not-so  
>enourmous task (i really have absolutely no idea, for all  
>i know it might just as well be completely impossible, i  
>just dont know), yet the target audience for this thing  
>>would be all of todays paris users (who wouldnt want  
>such a safety net to export stuff from PPJs) plus ALL  
>ex paris users, willing to pay good money for this.  
>

>that would mean more money for mike for his efforts.  
>that would be good karma IMO :-)  
>  
>as far as edmund is concerned, i wouldnt hold my breath.  
>  
>  
>>As for logic, I will say Apple is supporting Logic and Logic 8 is incredible  
>>software.  
>  
>yeah, apple is supporting logic. with ONE major update  
>in the last five years. and in what ways logic 8 is  
>"incredible" kind of lies in the eye of the beholder i guess ;-)  
>  
>seriously though - logic is an almost unsupported product.  
>they went as far as dialing down the copy protection, lowering  
>the price and throwing in freebie apps (that have functionality  
>that apple didnt care to built into logic like almost  
>all competitors have it now). if you cant read those signs  
>as what they clearly are, i cant help you. i know that where  
>i live, from all the studios that used to use logic (and  
>there were many), ALL but one have switched to either  
>protools or nuendo.  
>  
>  
>> I would say any tying Apple to Avid Digidesign is disingenuous  
>>at this point and time, if anything, tying Microsoft to Avid Digidesign  
>>would  
>>be more appropriate being that Microsoft owns Avid Digidesign, or at least  
>>owns a large stake in them.  
>  
>  
>i was talking in "which giant holds shares in the company" terms,  
>more like the overall "niceness" from a company towards it  
>customers. and apples track record with logic really stinks  
>as far as that is concerned:  
>  
>1. cancel crossplatform support without advance warning and thus completely  
>pull the plug for around 40% of your userbase.  
>2. cancel VST plugin support and thus make your users  
>plugin lists 50% shorter to push your own non-crossplatform  
>plugin standard agendas  
>3. force people to participate in the transitional period  
>between OS9 and OSX (boy was that a tough ride in the beginning),  
>with all the poofs, compability issues and yet even shorter  
>plugin lists that were involved  
>4. as if that werent enough transitional periods, give  
>them the nice chaos of PPC vs intel dual support. who  
>cares that many 3rd parties now in theory have to support

>FOUR compilations on the mac of they want to cover the market  
>(VST/ppc/intel, AU/ppc/intel)  
>5. reward your users for enduring all this bullshit with  
>ONE update in 5 years. ONE.  
>  
>  
>i know youre an apple fan. but sorry man, you cant  
>sugarcoat that one. more or less all logic and exlogic users  
>i know downright HATE apple for their track record in  
>this regard, and that includes some really die hard apple  
>fans that otherwise still swear by the company (and they  
>do build quite nice computers, no argument there)  
>  
>  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [Ted Gerber](#) on Fri, 09 Jan 2009 23:32:30 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Yeah, my brain's on other things. With Mac OS9, "option-click"  
drag to next track and render that for comparison...

Thanks

Ted

Now here's something that really doesn't make sense to me,  
even with the time and expense of switching: Staying on a  
Mac for Paris...

EK Sound <[ask\\_me@nospam.net](mailto:ask_me@nospam.net)> wrote:

>You can also right click and drag the segments (I think that's the way  
>it's done) to an adjacent track to make a copy for rendering. That way

>you have the original track next to it to compare to. Go to the end of

>the track... if it lines up, you're good to go.

>

>David.

>

>Ted Gerber wrote:

>> Thanks again Derek for your findings and conclusions -

>>

>> I have one last question:

>>  
>> You listed as one of Paris' shortfalls rendering that  
>> doesn't work (file does not sound the same after rendering  
>> to disk). I have only had a rendering problem when there were  
>> crossfades that did not touch in an edited track. If I make  
>> sure that all segments touch on the timeline (no big effort) I  
>> have been able to "render track to disc", then "undo" to get  
>> the pre-rendered edited track back, then drag in the newly rendered file  
>> and cancel out with a phase flip. This has also worked when "render(ing)  
>> with Native Plugins".  
>>  
>> Did this not work for you?  
>>  
>> Ted  
>>  
>>  
>> "derek" <a@b.com> wrote:  
>>> "Ted Gerber" <tedgerber@rogers.com> wrote:  
>>>> Hi Derek -  
>>>>  
>>>> Thanks for taking the time. If I thought you were trying to Troll, I  
wouldn't  
>>>> bother here, but I think there is a genuine  
>>>> interest in exchanging viewpoints.  
>>>>  
>>>> So, yes, now I get that you are talking about actual complete  
>>>> phase cancellation between 2 files, one of which has been  
>>>> summed in Paris, the other bounced in Nuendo with the needed  
>>>> tweaks to make it sound identical to the one bounced in Paris.  
>>>>  
>>>> the files in question - a Paris mix? a Nuendo mix? Is it a 2 track (stereo)  
>>>> bounce, or a multi track session created separately in each (seems unlikely).  
>>>>  
>>>>  
>>>> If it is not a multi track session, then that is telling to  
>>>> me, since the Paris summing "magic" was always in the context of  
>>>> many tracks, and conversely, the Native apps summing "shortfalls"  
>>>> were likewise within the context of many tracks.  
>>>>  
>>>> Having said that, complete cancellation of any 2 sources created  
>>>> within different programs is significant. Have you been successful doing  
>>>> this on a variety of test files? If the point was to dissect and recreate  
>>>> the supposed Paris summing mystique  
>>>> in Nuendo, then it would be applicable to any/all files. Did you  
>>>> build and save a channel strip Preset in Nuendo for easy recall?  
>>>> This would be useful perhaps to others using Nuendo (and other  
>>>> Native DAWs?) and you might be able to share/sell it. Additionally  
>>>> I would be very interested in your findings about all the things

>>>> that Paris does "wrong" like DC offset, sample differences between submixes  
>>>> and other items you listed, - could you post findings? Or is this presumptuous  
>>>> of me?  
>>>>  
>>>> So what are we left with now? At this point we are left with  
>>>> 1/ you being able to perfectly recreate/duplicate the Paris summing  
sound  
>>>> in Nuendo, while at the same time  
>>>> 2/ wondering why I have not likewise jumped ship and left Paris behind,  
>>> since  
>>>> I should now understand that the Paris summing magic is not magic at  
all.  
>>>>  
>>>> Well, I have said from the beginning that there are two reasons  
>>>> for staying with Paris, and they cannot be unlinked:  
>>>> 1/ The sound  
>>>> 2/ The time and expense to switch  
>>>>  
>>>> You found the way to solve the Paris puzzle but "it admittedly takes  
quite  
>>>> a lot of expertise and trial and error to get to that". Even if you  
can,  
>>>> it doesn't mean I can. Even if I can it  
>>>> doesn't mean I want to.  
>>>>  
>>>> I remain really happy with what Paris does for me sonically with my  
currently  
>>>> limited skill set (my listening skills are very good, my engineering  
skills  
>>>> are not in the same league as yours),  
>>>> and have no desire to spend any money/time on a new DAW/Computer/Converters  
>>>> at this time. (Remember I am already using Logic 8  
>>>> together with Paris...)  
>>>>  
>>>> Peace,  
>>>>  
>>>> Ted  
>>>  
>>>  
>>> hey ted,  
>>>  
>>>  
>>> no im not trying to troll ;-)  
>>> the original reason why  
>>> i posted here kind of vanished but if i can take some  
>>> of the summing angst away from people, im telling myself  
>>> thats worth something too ;-)  
>>>  
>>>  
>>> it of course was a multitrack test, thats the whole

>>> point of the summing issue, it it not? but  
>>> you slightly misread my post. it did not take tweaking in  
>>> nuendo to make it sound like paris, it took tweaking in  
>>> paris to avoid the numerous "gotchas" to avoid anything  
>>> that could throw off the test. basically it goes like  
>>> this: in theory, all daws should sound the same (if you isolate  
>>> the parameters involved to just the daw itself, and leave  
>>> external influences like converters etc outside of the issue,  
>>> cause you can use any converter with any daw).  
>>> summing is math, and most daws have a reasonably high resolution,  
>>> so they should all cancel out completely or down at some  
>>> grotesquely low level like -100 (=below a typical DAs noise floor) or  
even  
>>> values like -150 or "infinity".  
>>>  
>>> in practice, \*almost\* all daws sound exactly the same and  
>>> cancel each other out completely in summing tests when done  
>>> right. some daws fail to cancel completely, and upon  
>>> further investigation you usually realize its not because  
>>> of some magic soup involved but because of some methodical  
>>> errors or because of some banal stuff that throws the test  
>>> off, like noise floor coming from an open aux return, file timing offsets  
>>> because of imprecise implementation, stuff like that. none of that means  
>>> theres an actual sound difference, i.e.  
>>> with the file timing, theres just a little timing error, yet  
>>> it leads to a nulltest that fails that some would interpret  
>>> as there being a sonical difference and it might be summing,  
>>> but if you can correct the issue with a file offset, it  
>>> clearly shows that its not.  
>>>  
>>>  
>>> this is also the case with paris. i think ive listed quite  
>>> a few of the many parameters to keep an eye on in my previous post.  
>>>  
>>>  
>>> best,  
>>> derek  
>>

---

Subject: Re: the last paris app we need?  
Posted by [Ted Gerber](#) on Sat, 10 Jan 2009 00:40:16 GMT  
[View Forum Message](#) <> [Reply to Message](#)

"James McCloskey" <excelsm@hotmail.com> wrote:  
If there is a way to reproduce the sound of Paris in another  
>DAW, I'd like to know what that formula is??? I'd also like to hear it.

I don't think Derek is saying he can do this. I think instead he's saying that he can make Paris sound like other DAWS...

"it did not take tweaking in nuendo to make it sound like paris, it took tweaking in paris to avoid the numerous "gotchas" to avoid anything that could throw off the test."

and

"in practice, \*almost\* all daws sound exactly the same and cancel each other out completely in summing tests when done right."

T

---

---

Subject: Re: the last paris app we need?  
Posted by [derek](#) on Sat, 10 Jan 2009 00:41:53 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"Ted Gerber" <tedgerber@rogers.com> wrote:

>You listed as one of Paris' shortfalls rendering that  
>doesn't work (file does not sound the same after rendering  
>to disk). I have only had a rendering problem when there were  
>crossfades \_that did not touch\_ in an edited track.

yes i worded that badly, sorry. there is no basic difference in sound, its just the couple of factors that can cause dropouts/throw off the timing. plus there was stuff with native plugins if i remember correctly, and clipping parts sounded different? no wait, those were just the native submixes i think?

not sure anymore. its really quite long ago.

anyway, the bottom line for me always was that there were too many cases where i had file transitions that were able to cause trouble to really use the render function much.

---

---

Subject: Re: the last paris app we need?-couple questions  
Posted by [Nappy](#) on Sat, 10 Jan 2009 01:00:20 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Derek,

I hear you load and clear! I've got a couple quick questions: What OS are you using XP or Vista? and why didn't you just buy a Mac Pro and use Bootcamp? BTW, I have been a Mac person all my life, until now! I just built a quadcore and I am loving it.

respect

Nappy

PS Its great seeing your post here. I was lucky because I don't check in here much. Drop me a line if you get a chance.

"derek" <a@b.com> wrote:

>

>"James McCloskey" <excelsm@hotmail.com> wrote:

>>

>>Derek,

>>Well for the sake of argument. First, are you saying that your Nuendo setup

>>sounds better than Paris? If so, in what way?

>

>theres several factors. for one, yes, it can "sum" just

>the way paris sums. you can even get it to do clipping

>like paris does (as a floating point mixing engine, nuendo

>by nature basically doesnt clip internally within reasonable

>ranges, but of course theres ways to do clipping anyhow).

>so that part of the "magic sauce" is covered.

>

>2. even though my basic point is that all daws in their

>bare bones "sum" more or less the same, i would still argue

>that my mixes sound better with nuendo. not because of

>some sonic superiority, but because of what i described earlier,

>fields where ease-of-use has a sonic impact.

>

>like, easily being able to create subgroups and do processing

>there. parallel processing (try to do "new york" type

>parallel compression setups on the drums in paris

>without first bouncing the drums down to a stereo file - it

>cant be done). ability to throw around stuff

>without having to worry about latency compensation ever.

>super easy low level automation with object volumes and stuff.

>you think twice before you turn on the automation of a track,

>or recalculate a file with the gain DSP command. you dont

>think twice if all it takes is selecting the file and dragging

>its volume knob up. ability for ducking anywhere, both

>mono and on stereo groups (which might be a group thats

>made up of other groups).

>



>you just mix more freely due to the flexibility. and that  
>has a sonic impact, yes, i would argue that.  
>  
>  
>  
>> What was the cost of this  
>>system?  
>  
>oh, MY system was expensive, but i needed something  
>where i knew it could handle 400 tracks and more in realtime  
>with reasonable latency (dont ask - i have a couple of  
>jobs that really require that kind of insanity).  
>thats why i have a dual quadcore xeon, which was and  
>maybe still is a pretty expensive machine.  
>  
>but a good machine that has awesome performance specs  
>(and is even a little more ultra low latency friendly than  
>dual quadcore xeons) would be something like a nice  
>custom designed core4quad from a daw maker. a popular daw  
>maker here in germany sells models with awesome overall specs  
>for around 1200 euros.  
>  
>  
>  
>> I think we need some kind of recording and mix down challenge here;  
>> ) I'd like to hear your Nuendo mixes that sound like a Paris mix.  
>  
>  
>oh please, im not here to start challenges :-) feel free to  
>google me if you cant take my word for it, i have lots of  
>releases (usually german speaking countries only though).  
>  
>  
>  
>> LaMont  
>>has pointed out that Nuendo starts to crap-out, sound and summing wise  
after  
>>so many tracks, I believe around 40 tracks.  
>  
>  
>i beg to differ. nuendo no more "craps out" than paris does.  
>that is a myth.  
>  
>  
>  
>> Has this situation changed with  
>>the latest systems? Or is it Nuendo? Since ProTools is the de-facto industry  
>>standard, why use Nuendo in a commercial studio?

>  
>  
>because nobody cares, really. and in my specific case, because  
>there is no protocols system that does that many tracks.  
>  
>  
>  
>>I totally understand the functionality and ease of use argument. I'll  
still  
>>say, Paris sound and summing is damn good, even today 12 years later!  
>  
>of course it is. the point is just, its a myth that all  
>other hosts summing would be bad. the impression of  
>paris being an exceptionally good sounding daw was totally  
>valid, always, but it doesnt have to do with summing.  
>paris was "just" a daw that in times when people dealt with  
>unmasked clipping, shitty first generation waves plugins  
>and crap ADDA such as the early digidesign stuff as  
>de facto standard, was a daw that did many many things very very  
>right.  
>  
>  
> Again  
>>for many, there is not a good reason to change based on the type of audio/music  
>>they record. For some it's cost prohibitive to switch, learning curve  
>and  
>>time are considerations.  
>  
>guess i cant point that out often enough: im not  
>trying to convert anybody. i know the warm and fuzzy  
>feeling of being in the paris world.  
>  
>yet, i also know the not quite so warm and fuzzy feeling  
>of dealing with audio not streaming fast enough messages,  
>with the 283746398594234 bugs of version 3, with an audio  
>>window severely slowing down the entire system when open,  
>the unhandled exceptions, stereo native plugin hiccups  
>when the edits of the two mono files where not completely  
>in sync, all the hassle with hybrid "this daw does this  
>and that daw does that" setups as opposed to just  
>having one system that does it all etc blah blah.  
>  
>so my point is more, to those who are bothered by this,  
>all i can say is, do not be afraid ;-) theres awesome  
>stuff out there these days, and im tempted to say, it  
>ALL sounds absolutely awesome. there is no bad sounding  
>daw out there anymore. heck, its hard to find bad sounding  
>converters these days. and the plugin side of things,

>hey, if youve got a UAD and cant get a mix to sound with  
>those plugins, then the problem probably lies more with  
>yourself than with your setup.  
>  
>  
>> Nuendo list for around \$2600.00 in the US, that's  
>>considerable for just software.  
>  
>nuendo is only so expensive for image reasons, to differentiate  
>it from cubase, which under the hood is exactly the same  
>program minus a few features, none of which are  
>relevant to regular music production (ok, maybe with the  
>exception of the extremely cool automation system that  
>nuendo 4 got a while ago, but cubases automation is  
>still also very good and for sure still a lot better than the  
>one in paris)  
>  
>  
>  
>> Many of us use Paris in combination with  
>>other DAW softwares, it's the best of both worlds.  
>  
>well but if the only reason why you go through all the  
>hassle is the belief in some voodoo summing magic happening  
>and otherwise you could just as well save yourself the  
>trouble, isnt that kind of a waste of time?  
>  
>  
>  
>> And last, Paris is being  
>>developed further, thanks to Mike A. and Doug W., who knows, maybe Edmund  
>>will get inspired and deliver something soon... We should all email him.  
>  
>  
>what mike&co are doing is downright amazing, no doubt.  
>so many of the things theyve done, boy i wish so much i  
>would have had that back then when i was still using paris :-)  
>also note im NOT trying to get them off track.  
>but think about it this way: imagine writing such a "fake  
>driver to get paris to run software only" would be a not-so  
>enourmous task (i really have absolutely no idea, for all  
>i know it might just as well be completely impossible, i  
>just dont know), yet the target audience for this thing  
>would be all of todays paris users (who wouldnt want  
>such a safety net to export stuff from PPJs) plus ALL  
>ex paris users, willing to pay good money for this.  
>  
>that would mean more money for mike for his efforts.

>that would be good karma IMO :-)  
>  
>as far as edmund is concerned, i wouldnt hold my breath.  
>  
>  
>>As for logic, I will say Apple is supporting Logic and Logic 8 is incredible  
>>software.  
>  
>yeah, apple is supporting logic. with ONE major update  
>in the last five years. and in what ways logic 8 is  
>"incredible" kind of lies in the eye of the beholder i guess ;-)  
>  
>seriously though - logic is an almost unsupported product.  
>they went as far as dialing down the copy protection, lowering  
>the price and throwing in freebie apps (that have functionality  
>that apple didnt care to built into logic like almost  
>all competitors have it now). if you cant read those signs  
>as what they clearly are, i cant help you. i know that where  
>i live, from all the studios that used to use logic (and  
>there were many), ALL but one have switched to either  
>protools or nuendo.  
>  
>  
>> I would say any tying Apple to Avid Digidesign is disingenuous  
>>at this point and time, if anything, tying Microsoft to Avid Digidesign  
>would  
>>be more appropriate being that Microsoft owns Avid Digidesign, or at least  
>>owns a large stake in them.  
>  
>  
>i was talking in "which giant holds shares in the company" terms,  
>more like the overall "niceness" from a company towards it  
>customers. and apples track record with logic really stinks  
>as far as that is concerned:  
>  
>1. cancel crossplatform support without advance warning and thus completely  
>pull the plug for around 40% of your userbase.  
>2. cancel VST plugin support and thus make your users  
>plugin lists 50% shorter to push your own non-crossplatform  
>plugin standard agendas  
>3. force people to participate in the transitional period  
>between OS9 and OSX (boy was that a tough ride in the beginning),  
>with all the poofs, compability issues and yet even shorter  
>plugin lists that were involved  
>4. as if that werent enough transitional periods, give  
>them the nice chaos of PPC vs intel dual support. who  
>cares that many 3rd parties now in theory have to support  
>FOUR compilations on the mac of they want to cover the market

>(VST/ppc/intel, AU/ppc/intel)  
>5. reward your users for enduring all this bullshit with  
>ONE update in 5 years. ONE.  
>  
>  
>i know youre an apple fan. but sorry man, you cant  
>sugarcoat that one. more or less all logic and exlogic users  
>i know downright HATE apple for their track record in  
>this regard, and that includes some really die hard apple  
>fans that otherwise still swear by the company (and they  
>do build quite nice computers, no argument there)  
>  
>  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [derek](#) on Sat, 10 Jan 2009 01:19:11 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"James McCloskey" <[excelsm@hotmail.com](mailto:excelsm@hotmail.com)> wrote:  
>My challenge idea was more of a fun mix-off contest to liven this place  
up  
>a bit and get us all talking.

i think i will pass. ive got so much work to do that  
i dont really plan on doing extra mixing on my free time,  
hope you understand :-)

> I wasn't challenging your word, I do however  
>think that audio is subjective and I'd really like to hear a comparison.  
> A controlled comparison test would tell us more.

whats there more to be had than a positive null test?  
when you avoid all possible traps (listed in the other  
posts), you can get multitracks to null. there IS no  
magic happening when you add 40 tracks. its just  
that, adding 40 tracks.

>As far as my comments about what LaMont said in the past goes, I hope he  
>chimes in so we know where he stands today. LaMont is a guy that has a  
lot  
>of experience with a lot of different equipment, so I also respect what  
he  
>has to say. Of course in the end it's all somewhat subjective.

yes, but null tests aren't. you can make a point that the Paris interface, the combination of this particular selection of effects plus the converters plus the whole way it's all setup (what with forcing one to think in logical groups of 16, which I've always kind of liked because it led to a certain way of organized mixing) "make you mix good", and that's a very valid argument.

but it ain't something magical in the summing.

>Paris is just another tool in the arsenal to creating great sound. People  
>that know it well can get up and tracking live instruments very quickly  
and  
>making music. If there is a way to reproduce the sound of Paris in another  
>DAW, I'd like to know what that formula is???

if you can make a good mix in Paris, you can do it in any host, these days. Paris used to rule in a world where most other DAWs sucked. Now they all rule. If you think otherwise, I would argue the biggest issue here is one of a self-fulfilling prophecy, it's a question of how you approach another program and with what expectations (I know, I went through this too, actually all that intensive testing I did, I did it mostly to come over my own "daw sound angst" if you will).

plus: you cannot stress often enough how much UI makes a difference. Most modern DAWs have a somewhat industrial design in either grey or cold blue. Paris looks like a bottle of champagne. It DOES make a difference, everyone knows that. But I do think that most people don't really admit to themselves just how much of a difference it makes.

in Cubase, you can open plugins as ugly parameter-only windows. It's extremely revealing to see how one's judgement changes of i.e. some super nice looking vintage emulation plugin when you only see the parameters. It's amazing how much of a difference it makes.

>from a business  
>stand point it made sense to Apple. Not that this justifies anything,

indeed, that doesn't justify anything at all :-)  
with all due respect, saying something like that is being  
an apologist. if you don't agree, just imagine me  
making something plausible because it made sense for Microsoft  
to make more money that way. you'd be all over me, and  
rightly so.

> but

> I can tell you Mac users have had to deal with this kind of thing many times  
> with many softwares. Just in audio softwares that have been dropped for  
> Mac off the top of my head, Deck, Metro, Spark, Studio Vision, Paris, Bias? something,  
> can't think of the name, there are so many I can't think of them all anymore.

and that makes the logic story better in...what way?

> Mac users have been told that there isn't enough of a user base to support  
> development, often that was not the case, so we've been their.

maybe it would help to have more of a culture of complaining  
instead of a culture of rationalizing stuff as in  
"it makes sense for Apple business wise so it must be good".  
that's such a weird way of looking at things as a user.  
I can somewhat relate to that way of thinking when it's  
about fragile, small software companies, but an industry giant  
like Apple?

again, taking the Microsoft example: I give a s\*\*t about  
what's good for them business wise. shut up and deliver  
the goods, please, industry giant. and please for free  
whenever possible. you can afford it. or else I will  
install Android and Linux, take that :-)

> The past price of Apple support contracts for Logic were a joke,

oh yeah I forgot all about that, that should have belonged  
in that list too :-)

> they are  
> more reasonable now.

so theyre free now? cause they really should. when i call steinberg support, thats free.

> Apple has caught up in my opinion,

no, they dont. you know, actually i dont even regard nuendo as "being in the lead". that currently clearly is samplitude, thats one bad ass software.

its got \*everything\* of the others, plus lots and lots of innovative and super useful things. you have a fully functioning beat detective multitrack editing suite, only that its better, faster and more intuitive than beat detective ever was. its got object based mixing PLUS traditional mixing. every object can have its own volume, pan, 8 inserts, 8 aux plus elastic audio settings. you can mix in the traditional way, or you can mix without a mixing desk whatsoever and purely object based (makes a lot of sense i.e. for sound design, movie sound, TV production and stuff where a traditional mixing board emulation is really redundant and messy cause you basically have to do one channel for each little snippet).

oh and you got something a la melodyne, allowing you midi-ish piano roll editing (timing and tuning) of audio, all calculated realtime and nondestructive. and you got extremely free routing, freeze functionality where you can still access the files, you can bounce files and have those files be container objects that open back projects with the settings how they were bounced if you need to bounce them differently, you have batch processing, full blown media authoring, and the list goes on and on and on. and of course completely elastic audio, pitch and timing are more or less free parameters.

nuendo has some of that stuff. logic - nowhere near this. logic doesnt even have all the audio editing functionality that nuendo had three versions ago. it has an awful lot of catching up to do, and the fields where it was innovative are limited to singled out little gimmicks like swipe comping (something you can recreate in nuendo with a few clicks via its macro functionality, something logic doesnt have either).

just my personal opinion, for what its worth.



> it took them time  
>to get things right.

yeah they even - more or less - got the thing to finally allow editing with sample precision. i remember they advertised that as a key selling point. that this would be kind of ironic to advertise so many years after everyone else could do it obviously didnt occur to them ;-)

> As far as development for PPC and Intel there has been  
>no chaos, in the developer kit it is simply a check box, it creates binary  
>code and it writes for both processors, there is no extra work. The transition  
>to Intel has been the smoothest transition in computer history.

yes that seems to be the official version of how that went. when i talked so an actual programmer who works in this area (he works for native instruments) he...sort of disagreed, to put it mildly :-)

another clue might be that if it really were as simple as clicking one checkbox, one wonders why there wasnt the full selection of software available by the end of the week? what took steinberg more than a year where they probably lost significant market share in the apple sector if all that it takes is clicking a checkbox?

IMO, that official version doesnt quite compute, so to say :-)

>Apple has taken more time to get out Logic than other developers, it took  
>them time to get things right.

nah thats just phrases. they simply didnt work much on it. and it shows. many many things in logic 8 are really exactly the same, the whole underlying architecture including fundamental bugs (and lack of functionality) people have been complaining about for ages is still there. in many many ways, logic 8 is more a paint job than anything. it clearly is not the result of 5 years of hard work.

if you ask me.

> Apple has had more than one upgrade in 5  
>years, you forget Logic 7.x.x.

i meant significant upgrades.

> Apple does support Logic. Apple has done  
>a great job with Logic 8, it's a whole new game now, I think you should  
use  
>it before you bash it. Logic 8 and all it's functionality is well integrated.  
> Logic 8 rocks!

i would argue that its a matter of perspective. i work  
full time in various studios and am forced to use whatever  
there (thats why ive "met" so many hosts in action, of course  
in my own studio i usually dont use more than one or two),  
and ive seen the competition. have you?

if not, i recommend you take a little tour i.e. through  
samplitude, just so you know what youre missing. of course  
nothing of this is a must to have, but boy, is it FUN to  
have it :-) and more editing/workflow functionality equals  
more time in your life for beautiful things like playing  
with the children, doing the actual music, or...well, basically  
anything but dreadful editing work ;-)) so im kind of a fascist  
as far as that is concerned and dont take it very lightly  
when a host is wasting my lifetime with a lack of editing  
functionality ;-))

just my 2 cents on that matter.

---

Subject: Re: the last paris app we need?-couple questions  
Posted by [derek](#) on Sat, 10 Jan 2009 01:25:26 GMT  
[View Forum Message](#) <> [Reply to Message](#)

"Nappy" <juggler9@rock.com> wrote:  
>Derek,  
>I hear you load and clear! I've got a couple quick questions:What  
>OS are you using XP or Vista?

i bought that machine 2 years ago when vista was too young  
for me to have the courage to use it, so i went with XP.

i now kind of regret that because my memory issues with my lowly 4GB really become a serious bottleneck and i wish i had gone with vista64 (or at least XP64, a very good and long established option people just always forget).

im kind of torn right now whether i want to upgrade to vista64 or wait another year for the much praised windows 7 to come out.

> and why didn't you just buy a Mac Pro and use  
>Bootcamp? BTW,I have been a Mac person all my life,until now! I just built  
>a quadcore and I am loving it.

you can just as well put one of these funny "pretend to OSX that youre a mac" USB sticks into a pc and install OSX - my brother has a video studio (boy do THEY need processing power...) and he has such a stick in almost all his huge workstations.

plus, when i bought this machine, bootcamp was still beta, and it had lots of little issues, SATA drive access being to slow here, blah blah driver not working properly there...so since i dont really have any use for OSX, a "real" pc just made more sense for me, and of course it was a little cheaper too.

>respect  
>Nappy  
>PS Its great seeing your post here. I was lucky because I don't check in  
>here much. Drop me a line if you get a chance.

always good to hear from you too nappy! man its been a long time huh :-)

---

Subject: Re: the last paris app we need?  
Posted by [JeffH](#) on Sat, 10 Jan 2009 02:11:36 GMT  
[View Forum Message](#) <> [Reply to Message](#)

Neil wrote:

> "derek" <a@b.com> wrote:  
>  
>>> LaMont  
>>>has pointed out that Nuendo starts to crap-out, sound and summing wise  
>  
> after  
>

>>>so many tracks, I believe around 40 tracks.

>>

>>i beg to differ. nuendo no more "craps out" than paris does.

>>that is a myth.

>

>

>

> Awhile back, while Derek was gone, and while I was still  
> hanging out here more, I posted an example or two of a couple  
> of songs I'd mixed through an SSL & a couple that I'd done ITB  
> in Cubase... while they were not the same song, they were a couple of the  
> same players, and were in the same genre, - the  
> results in responses were clearly in favor of the ITB Cubase  
> mixes, though some people did like the SSL mixes better... same  
> recordist & mixer on both (me), so I would have had to  
> PURPOSELY pre-plan to sabotage the SSL mixes I did a year  
> before the ITB mixes if I wanted to rig that test.

>

> Around the same time, I was starting to experiment with  
> external summing, so I posted some comparison files of a Cubase  
> mix summed out into 8-channels of lightpipe, going into a  
> Creamware/Pulsar card, summing through it's DSP mixer at 24-  
> bit/88.2k, and the same song summed through 8 channels of  
> Paris a/d convertors, and the same mix ITB in Cubase...  
> these had mixed results in terms of this user group - in other  
> words, some people liked one better than the other, and it was  
> split (as I recall) almost equally - a little more than a third  
> had a preference for the Paris summing, a little less than a  
> third liked the DSP summing in Creamware, and a little more  
> than a third liked the Cubase ITB version. I think everyone was  
> being pretty honest about this, as this was a blind test, and  
> people were tending to describe WHAT they liked about each  
> one: "I liked version B because it was warmer", or "I Liked  
> version C becausee it was cleaner & had better dimension", or  
> what have you. IOW, there was no clear "wow, this one is WAY  
> better!" in this test. Different-sounding, yes. "Better"? Nope.

>

One variable in the test that really isn't accounted for is the playback system each person used. Each person picked what sounded best in their specific environment, so they were not in reality listening to the exact same representation of the samples (though they were playing the exact same samples).

It would be interesting to try this with 15-20 people blind listening off the same system in the same environment. DOn't know that the results would be different, but it would definitely add a level of certainty in the results.

Jeff

> I bring this up to reinforce Derek's point that there is no  
> such thing as "crapping out" in a good native DAW. What CAN  
> happen, however, is poor gainstage management, which WILL cause  
> your mix to sound like shit... when you go over the "zero"  
> threshold on either individual channels, or groups, or the 2-  
> Buss, the higher you go over that threshold, the more like ass  
> your mix will sound... the image will indeed start to collapse,  
> and your front-to-back depth will become more one-dimensional,  
> regardless of if you're getting no distortion alarm-bells going  
> off, due to floating-point math on the mix buss or groups.  
>  
> Consider this: If you've got a 30 or 40 or 50 channel mix, and  
> 16 of those channels are peaking at +2, then what does that do  
> to your 32-bit float-point mix buss during those peak  
> intervals? It maxes it out, right? Let's take it further... if  
> you've got those 16 channels peaking at +2, and 30 that are  
> peaking at -10, and two or three that are peaking at +3, then what does THAT  
> do?  
>  
> It's all about gainstaging, folks. the analogy I like to use is:  
> Would you start a mix on a console with every fader at  
> +15 or whatever the max is? Hell no! So why would you want to  
> work with every channel at 0db as the starting point in the  
> Native world?  
>  
> According to Chuck Duffy (who should know), 0db in the Paris  
> world is REALLY -20, so no wonder you can "spank it", when you  
> have 20 db of headroom you don't even know about on every  
> channel.  
>  
> Neil

---

Subject: Re: the last paris app we need?-couple questions

Posted by [Nappy](#) on Sat, 10 Jan 2009 02:29:35 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

So is Vista ready for prime time now?

respect  
Nappy

"derek" <a@b.com> wrote:

>

>"Nappy" <juggler9@rock.com> wrote:

>>Derek,  
>>I hear you load and clear! I've got a couple quick questions:What  
>>OS are you using XP or Vista?  
>  
>i bought that machine 2 years ago when vista was too young  
>for me to have the courage to use it, so i went with XP.  
>i now kind of regret that because my memory issues with  
>my lowly 4GB really become a serious bottleneck and  
>i wish i had gone with vista64 (or at least XP64, a very  
>good and long established option people just always forget).  
>  
>im kind of torn right now whether i want to upgrade  
>to vista64 or wait another year for the much praised  
>windows 7 to come out.  
>  
>  
>> and why didn't you just buy a Mac Pro and use  
>>Bootcamp? BTW,I have been a Mac person all my life,until now! I just built  
>>a quadcore and I am loving it.  
>  
>you can just as well put one of these funny "pretend to  
>OSX that youre a mac" USB sticks into a pc and install OSX -  
>my brother has a video studio (boy do THEY need processing  
>power...) and he has such a stick in almost all his huge  
>workstations.  
>  
>plus, when i bought this machine, bootcamp was still beta,  
>and it had lots of little issues, SATA drive access being  
>to slow here, blah blah driver not working properly there...so  
>since i dont really have any use for OSX, a "real" pc  
>just made more sense for me, and of course it was a little cheaper too.  
>  
>  
>>respect  
>>Nappy  
>>PS Its great seeing your post here. I was lucky because I don't check in  
>>here much. Drop me a line if you get a chance.  
>  
>  
>always good to hear from you too nappy! man its been a long time huh :-)

---

---

Subject: Re: the last paris app we need?  
Posted by [excelav](#) on Sat, 10 Jan 2009 02:56:34 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

As I recall, Steinberg rewrote nuendo for Mac, something to do with the core  
or audio engine, not sure, it might have had to do with 64bit. I don't know

what recompiling was necessary, I do know that if you write new code it's as simple as a check box to get a universal binary of the code. From my prospective Steinberg has not made Mac users their top priority in the last 5 years by any means, and who really knows what goes on in house. By the way, it's not like Steinberg software is not without its bugs. To blame Apple is to cry about progress and growing pains, so what do you have to say about the Windows Vista debacle? It's not like MS had it all together for the software developers. How long has it taken them to catch up with Vista 64? Or is it Windows 7 now?

I wasn't trying to say that Logic is the best DAW software in the world, I was trying to say that Logic 8 has caught up, it's now a modern DAW package. Logic 8 is not the old Logic 5 and it is not a kludge that has been thrown together with a new paint job. I think you should take a closer look at Logic 8 and I'll leave it at that.

<http://www.apple.com/logicstudio/>  
<http://www.apple.com/logicstudio/tutorials/#logicpro-overview>  
<http://www.apple.com/logicstudio/tutorials/>  
<http://www.apple.com/logicstudio/logicpro/specs.html>

Back to Paris being dead, I disagree if you're saying that Paris does not have its own sound. If you're saying that you can reproduce that sound in another DAW, I'd like to know how? I don't doubt that at unity gain or less, you could get tracks to null, I'd like to see you get them to null when the Paris tracks are pushed. Where are you able to do this? Do you have copies of those tracks you tested? I'm from the show me state!

"derek" <a@b.com> wrote:

>

>"James McCloskey" <excelsm@hotmail.com> wrote:

>>My challenge idea was more of a fun mix-off contest to liven this place

>up

>>a bit and get us all talking.

>

>i think i will pass. ive got so much work to do that

>i dont really plan on doing extra mixing on my free time,

>hope you understand :-)

>

>

>> I wasn't challenging your word, I do however

>>think that audio is subjective and I'd really like to hear a comparison.

>> A controlled comparison test would tell us more.

>

>whats there more to be had than a positive null test?

>when you avoid all possible traps (listed in the other

>posts), you can get multitracks to null. there IS no

>magic happening when you add 40 tracks. its just  
>that, adding 40 tracks.  
>  
>  
>  
>>As far as my comments about what LaMont said in the past goes, I hope he  
>>chimes in so we know where he stands today. LaMont is a guy that has a  
>lot  
>>of experience with a lot of different equipment, so I also respect what  
>he  
>>has to say. Of course in the end it's all somewhat subjective.  
>  
>  
>yes, but null tests arent. you can make a point that  
>the paris interface, the combination of this particular  
>selection of effects plus the converters plus the whole  
>way its all setup (what with forcing one to think in  
>logical groups of 16, which ive always kind of liked  
>because it led to a certain way of organized mixing)  
>"make you mix good", and thats a very valid argument.  
>  
>but it aint something magical in the summing.  
>  
>  
>  
>>Paris is just another tool in the arsenal to creating great sound. People  
>>that know it well can get up and tracking live instruments very quickly  
>and  
>>making music. If there is a way to reproduce the sound of Paris in another  
>>DAW, I'd like to know what that formula is???

>  
>  
>if you can make a good mix in paris, you can do it in any  
>host, these days. paris used to rule in a world where  
>most other daws sucked. now they all rule. if you think  
>otherwise, i would argue the biggest issue here is one  
>of a self fulfilling prophecy, its a question of how  
>you approach another program and with what expectations  
>(i know, i went through this too, actually all that intensive  
>testing i did, i did it mostly to come over my own  
>"daw sound angst" if you will).  
>  
>plus: you cannot stress often enough how much UI makes a difference.  
>most modern daws have a somewhat industrial design in either  
>grey or cold blue. paris looks like a bottle of champaign.  
>it DOES make a difference, everyone knows that. but i do  
>think that most people dont really admit to themselves just  
>how much of a difference it makes.



>  
>in cubase, you can open plugins as ugly parameter only windows.  
>its extremely revealing to see how ones judgement changes  
>of i.e. some super nice looking vintage emulation plugin  
>when you only see the parameters. its amazing how much  
>of a difference it makes.  
>  
>  
>>from a business  
>>stand point it made sense to Apple. Not that this justifies anything,  
>  
>  
>indeed, that doesnt justify anything at all :-)  
>with all due respect, saying something like that is being  
>an apologist. if you dont agree, just imagine me  
>making something plausible because it made sense for microsoft  
>to make more money that way. youd be all over me, and  
>rightly so.  
>  
>  
>  
>> but  
>>I can tell you Mac users have had to deal with this kind of thing many  
times  
>>with many softwares. Just in audio softwares that have been dropped for  
>>Mac off the top of my head, Deck, Metro, Spark, Studio Vision, Paris, Bias?something,  
>>can't think of the name, there are so many I can't think of them all anymore.  
>  
>  
>and that makes the logic story better in...what way?  
>  
>  
>> Mac users have been told that there isn't enough of a user base to support  
>>development, often that was not the case, so we've been their.  
>  
>  
>maybe it would help to have more of a culture of complaining  
>instead of a culture of rationalizing stuff as in  
>"it makes sense for apple business wise so it must be good".  
>thats such a weird way of looking at things as a user.  
>i can somewhat relate to that way of thinking when its  
>about fragile, small software companies, but an industry giant  
>like apple?  
>  
>again, taking the microsoft example: i give a s\*\*t about  
>whats good for them business wise. shut up and deliver  
>the goods, please, industry giant. and please for free  
>whenever possible. you can afford it. or else i will

>install android and linux, take that :-)  
>  
>  
>>The past price of Apple support contracts for Logic were a joke,  
>  
>  
>oh yeah i forgot all about that, that should have belonged  
>in that list too :-)  
>  
>  
>>they are  
>>more reasonable now.  
>  
>so theyre free now? cause they really should. when  
>i call steinberg support, thats free.  
>  
>  
>  
>> Apple has caught up in my opinion,  
>  
>no, they dont. you know, actually i dont even regard  
>nuendo as "being in the lead". that currently clearly  
>is samplitude, thats one bad ass software.  
>  
>its got \*everything\* of the others, plus lots and lots of  
>innovative and super useful things. you have a fully  
>functioning beat detective multitrack editing suite, only  
>that its better, faster and more intuitive than beat  
>detective ever was. its got object based mixing PLUS  
>traditional mixing. every object can have its own volume,  
>pan, 8 inserts, 8 aux plus elastic audio settings.  
>you can mix in the traditional way, or you can mix without  
>a mixing desk whatsoever and purely object based (makes a lot  
>of sense i.e. for sound design, movie sound, TV production  
>and stuff where a traditional mixing board emulation is  
>really redundant and messy cause you basically have to do one channel for  
>each little snippet).  
>  
>oh and you got something a la melodyne, allowing you midi-ish  
>piano roll editing (timing and tuning) of audio, all calculated  
>realtime and nondestructive. and you got extremely free routing,  
>freeze functionality where you can still access the files,  
>you can bounce files and have those files be container  
>objects that open back projects with the settings how they  
>were bounced if you need to bounce them differently,  
>you have batch processing, full blown media authoring, and  
>the list goes on and on and on. and of course completely  
>elastic audio, pitch and timing are more or less free

>parameters.  
>  
>nuendo has some of that stuff. logic - nowhere near this.  
>logic doesnt even have all the audio editing functionality  
>that nuendo had three versions ago. it has an awful lot  
>of catching up to do, and the fields where it was innovative  
>are limited to singled out little gimmicks like swipe comping  
>(something you can recreate in nuendo with a few clicks  
>via its macro functionality, something logic doesnt have either).  
>  
>just my personal opinion, for what its worth.  
>  
>  
>  
>  
>> it took them time  
>>to get things right.  
>  
>yeah they even - more or less - got the thing to finally  
>allow editing with sample precision. i remember they  
>advertised that as a key selling point. that this would  
>be kind of ironic to advertise so many years after everyone  
>else could do it obviously didnt occur to them ;-)  
>  
>  
>  
>> As far as development for PPC and Intel there has been  
>>no chaos, in the developer kit it is simply a check box, it creates binary  
>>code and it writes for both processors, there is no extra work. The transition  
>>to Intel has been the smoothest transition in computer history.  
>  
>  
>yes that seems to be the official version of how that went.  
>when i talked so an actual programmer who works in this  
>area (he works for native instruments) he...sort of disagreed,  
>to put it mildly :-)  
>  
>another clue might be that if it really were as simple as  
>clicking one checkbox, one wonders why there wasnt the  
>full selection of software available by the end of the week?  
>what took steinberg more than a year where they probably  
>lost significant market share in the apple sector if  
>all that it takes is clicking a checkbox?  
>  
>IMO, that official version doesnt quite compute, so to say :-)  
>  
>  
>

>>Apple has taken more time to get out Logic than other developers, it took  
>>them time to get things right.  
>  
>  
>nah thats just phrases. they simply didnt work much on it.  
>and it shows. many many things in logic 8 are really exactly  
>the same, the whole underlying architecture including  
>fundamental bugs (and lack of functionality) people have been complaining  
>about for ages is still there. in many many  
>ways, logic 8 is more a paint job than anything. it clearly  
>is not the result of 5 years of hard work.  
>  
>if you ask me.  
>  
>  
>> Apple has had more than one upgrade in 5  
>>years, you forget Logic 7.x.x.  
>  
>i meant significant upgrades.  
>  
>  
>> Apple does support Logic. Apple has done  
>>a great job with Logic 8, it's a whole new game now, I think you should  
>use  
>>it before you bash it. Logic 8 and all it's functionality is well integrated.  
>> Logic 8 rocks!  
>  
>  
>i would argue that its a matter of perspective. i work  
>full time in various studios and am forced to use whatever's  
>there (thats why ive "met" so many hosts in action, of course  
>in my own studio i usually dont use more than one or two),  
>and ive seen the competition. have you?  
>  
>if not, i recommend you take a little tour i.e. through  
>samplitude, just so you know what youre missing. of course  
>nothing of this is a must to have, but boy, is it FUN to  
>have it :-) and more editing/workflow functionality equals  
>more time in your life for beautiful things like playing  
>with the children, doing the actual music, or...well, basically  
>anything but dreadful editing work ;-) so im kind of a fascist  
>as far as that is concerned and dont take it very lightly  
>when a host is wasting my lifetime with a lack of editing  
>functionality ;-)  
>  
>  
>just my 2 cents on that matter.

---

---

Subject: Re: the last paris app we need?  
Posted by [Neil](#) on Sat, 10 Jan 2009 03:08:49 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"derek" <a@b.com> wrote:

>> LaMont

>>has pointed out that Nuendo starts to crap-out, sound and summing wise after

>>so many tracks, I believe around 40 tracks.

>

>i beg to differ. nuendo no more "craps out" than paris does.

>that is a myth.

Awhile back, while Derek was gone, and while I was still hanging out here more, I posted an example or two of a couple of songs I'd mixed through an SSL & a couple that I'd done ITB in Cubase... while they were not the same song, they were a couple of the same players, and were in the same genre, - the results in responses were clearly in favor of the ITB Cubase mixes, though some people did like the SSL mixes better... same recordist & mixer on both (me), so I would have had to PURPOSELY pre-plan to sabotage the SSL mixes I did a year before the ITB mixes if I wanted to rig that test.

Around the same time, I was starting to experiment with external summing, so I posted some comparison files of a Cubase mix summed out into 8-channels of lightpipe, going into a Creamware/Pulsar card, summing through it's DSP mixer at 24-bit/88.2k, and the same song summed through 8 channels of Paris a/d convertors, and the same mix ITB in Cubase... these had mixed results in terms of this user group - in other words, some people liked one better than the other, and it was split (as I recall) almost equally - a little more than a third had a preference for the Paris summing, a little less than a third liked the DSP summing in Creamware, and a little more than a third liked the Cubase ITB version. I think everyone was being pretty honest about this, as this was a blind test, and people were tending to describe WHAT they liked about each one: "I liked version B because it was warmer", or "I Liked version C becausee it was cleaner & had better dimension", or what have you. IOW, there was no clear "wow, this one is WAY better!" in this test. Different-sounding, yes. "Better"? Nope.

I bring this up to reinforce Derek's point that there is no such thing as "crapping out" in a good native DAW. What CAN happen, however, is poor gainstage management, which WILL cause your mix to sound like shit... when you go over the "zero" threshold on either individual channels, or groups, or the 2-

Buss, the higher you go over that threshold, the more like ass your mix will sound... the image will indeed start to collapse, and your front-to-back depth will become more one-dimensional, regardless of if you're getting no distortion alarm-bells going off, due to floating-point math on the mix buss or groups.

Consider this: If you've got a 30 or 40 or 50 channel mix, and 16 of those channels are peaking at +2, then what does that do to your 32-bit float-point mix buss during those peak intervals? It maxes it out, right? Let's take it further... if you've got those 16 channels peaking at +2, and 30 that are peaking at -10, and two or three that are peaking at +3, then what does THAT do?

It's all about gainstaging, folks. the analogy I like to use is: Would you start a mix on a console with every fader at +15 or whatever the max is? Hell no! So why would you want to work with every channel at 0db as the starting point in the Native world?

According to Chuck Duffy (who should know), 0db in the Paris world is REALLY -20, so no wonder you can "spank it", when you have 20 db of headroom you don't even know about on every channel.

Neil

---

---

Subject: Re: the last paris app we need?  
Posted by [excelav](#) on Sat, 10 Jan 2009 04:06:57 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Neal, I think it also proves other points. One, is that it is subjective, two that it is subjective, and three, that it is subjective! It depends on the equipment, the engineer, type of music and many other factors. I believe Paris has it's own sound. I believe that Paris is in the same league with other DAWs as far as sound goes. I do not believe you can throw 20 grand at another system and get it to sound any better than Paris, especially not 20 grand better than Paris. I think Paris has an edge sound wise for rock n roll, and for cutting live instruments and vocals paris is fine. For other types of music, maybe not so much. Paris is a good summing choice, IMO. Function and feature wise, paris may not be the best choice, however, Paris is still alive and works for many, and it sounds damn good especially for the money.

It's good to know that other DAWs sound good too, I've used a few myself. I would say that Derek's idea of a Paris EXIT software, would make Mike's work and all of our hardware values somewhat null and void. At least Paris

still has some value now. Many of us have chosen to ride Paris in to the ground. The hard ware will be available for years to come and T sonic will be there to repair stuff that goes bad. Paris has lived on way longer than anybody expected, we're here 12 years later, I have a feeling Paris and Paris users will be around for years to come. I encourage Mike to keep up the good work! I see no good reason to jump ship.

"Neil" <OIUIOU@OIU.com> wrote:

>

>"derek" <a@b.com> wrote:

>>> LaMont

>>>has pointed out that Nuendo starts to crap-out, sound and summing wise  
>after

>>>so many tracks, I believe around 40 tracks.

>>

>>i beg to differ. nuendo no more "craps out" than paris does.

>>that is a myth.

>

>

>Awhile back, while Derek was gone, and while I was still  
>hanging out here more, I posted an example or two of a couple  
>of songs I'd mixed through an SSL & a couple that I'd done ITB  
>in Cubase... while they were not the same song, they were a couple of the  
>same players, and were in the same genre, - the  
>results in responses were clearly in favor of the ITB Cubase  
>mixes, though some people did like the SSL mixes better... same  
>recordist & mixer on both (me), so I would have had to  
>PURPOSELY pre-plan to sabotage the SSL mixes I did a year  
>before the ITB mixes if I wanted to rig that test.

>

>Around the same time, I was starting to experiment with  
>external summing, so I posted some comparison files of a Cubase  
>mix summed out into 8-channels of lightpipe, going into a  
>Creamware/Pulsar card, summing through it's DSP mixer at 24-  
>bit/88.2k, and the same song summed through 8 channels of  
>Paris a/d convertors, and the same mix ITB in Cubase...  
>these had mixed results in terms of this user group - in other  
>words, some people liked one better than the other, and it was  
>split (as I recall) almost equally - a little more than a third  
>had a preference for the Paris summing, a little less than a  
>third liked the DSP summing in Creamware, and a little more  
>than a third liked the Cubase ITB version. I think everyone was  
>being pretty honest about this, as this was a blind test, and  
>people were tending to describe WHAT they liked about each  
>one: "I liked version B because it was warmer", or "I Liked  
>version C becausee it was cleaner & had better dimension", or  
>what have you. IOW, there was no clear "wow, this one is WAY  
>better!" in this test. Different-sounding, yes. "Better"? Nope.



>  
>I bring this up to reinforce Derek's point that there is no  
>such thing as "crapping out" in a good native DAW. What CAN  
>happen, however, is poor gainstage management, which WILL cause  
>your mix to sound like shit... when you go over the "zero"  
>threshold on either individual channels, or groups, or the 2-  
>Buss, the higher you go over that threshold, the more like ass  
>your mix will sound... the image will indeed start to collapse,  
>and your front-to-back depth will become more one-dimensional,  
>regardless of if you're getting no distortion alarm-bells going  
>off, due to floating-point math on the mix buss or groups.  
>  
>Consider this: If you've got a 30 or 40 or 50 channel mix, and  
>16 of those channels are peaking at +2, then what does that do  
>to your 32-bit float-point mix buss during those peak  
>intervals? It maxes it out, right? Let's take it further... if  
>you've got those 16 channels peaking at +2, and 30 that are  
>peaking at -10, and two or three that are peaking at +3, then what does  
THAT  
>do?  
>  
>It's all about gainstaging, folks. the analogy I like to use is:  
>Would you start a mix on a console with every fader at  
>+15 or whatever the max is? Hell no! So why would you want to  
>work with every channel at 0db as the starting point in the  
>Native world?  
>  
>According to Chuck Duffy (who should know), 0db in the Paris  
>world is REALLY -20, so no wonder you can "spank it", when you  
>have 20 db of headroom you don't even know about on every  
>channel.  
>  
>Neil

---

---

Subject: Re: the last paris app we need?  
Posted by [Neil](#) on Sat, 10 Jan 2009 04:51:04 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

James, there is ABSOLUTELY some subjective stuff involved - no doubt - and that was part of my point... IOW, when you get to the subjective part of things, there was no clear-cut victory between Paris summing, and Creamware summing, and Cubase ITB. They were all pretty close in some people's minds, and different people picked whichever one they liked based on whatever resonated with them best. When they did this, there was no clear-cut victory, meaning that even under the most subjective terms, neither DAW or summing app was decidedly



"better". It simply came down to whichever set of sonic attributes they personally preferred.

Is Paris still a valid DAW? Sure, if it works for you, then go for it. Tape could be a valid recording medium for you too - depending on what you're looking for. Is it a valid DAW in terms of workflow in the current environment of what you need to do in many circumstances of what's more current & modern? I kinda doubt it.

Neil

"James McCloskey" <excelsm@hotmail.com> wrote>

>Neal, I think it also proves other points. One, is that it is subjective,  
>two that it is subjective, and three, that it is subjective! It depends  
>on the equipment, the engineer, type of music and many other factors. I  
>believe Paris has it's own sound. I believe that Paris is in the same league  
>with other DAWs as far as sound goes. I do not believe you can throw 20  
>grand at another system and get it to sound any better than Paris, especially  
>not 20 grand better than Paris. I think Paris has an edge sound wise for  
>rock n roll, and for cutting live instruments and vocals paris is fine.

>For other types of music, maybe not so much. Paris is a good summing choice,  
>IMO. Function and feature wise, paris may not be the best choice, however,  
>Paris is still alive and works for many, and it sounds damn good especially  
>for the money.

>

>It's good to know that other DAWs sound good too, I've used a few myself.  
> I would say that Derek's idea of a Paris EXIT software, would make Mike's  
>work and all of our hardware values somewhat null and void. At least Paris  
>still has some value now. Many of us have chosen to ride Paris in to the  
>ground. The hard ware will be available for years to come and T sonic will  
>be there to repair stuff that goes bad. Paris has lived on way longer than  
>anybody expected, we're here 12 years later, I have a feeling Paris and  
Paris

>users will be around for years to come. I encourage Mike to keep up the  
>good work! I see no good reason to jump ship.

>

>"Neil" <OIUIOU@OIU.com> wrote:

>>

>>"derek" <a@b.com> wrote:  
>>>> LaMont  
>>>>has pointed out that Nuendo starts to crap-out, sound and summing wise  
>>after  
>>>>so many tracks, I believe around 40 tracks.  
>>>  
>>>i beg to differ. nuendo no more "craps out" than paris does.  
>>>that is a myth.  
>>  
>>  
>>Awhile back, while Derek was gone, and while I was still  
>>hanging out here more, I posted an example or two of a couple  
>>of songs I'd mixed through an SSL & a couple that I'd done ITB  
>>in Cubase... while they were not the same song, they were a couple of the  
>>same players, and were in the same genre, - the  
>>results in responses were clearly in favor of the ITB Cubase  
>>mixes, though some people did like the SSL mixes better... same  
>>recordist & mixer on both (me), so I would have had to  
>>PURPOSELY pre-plan to sabotage the SSL mixes I did a year  
>>before the ITB mixes if I wanted to rig that test.  
>>  
>>Around the same time, I was starting to experiment with  
>>external summing, so I posted some comparison files of a Cubase  
>>mix summed out into 8-channels of lightpipe, going into a  
>>Creamware/Pulsar card, summing through it's DSP mixer at 24-  
>>bit/88.2k, and the same song summed through 8 channels of  
>>Paris a/d convertors, and the same mix ITB in Cubase...  
>>these had mixed results in terms of this user group - in other  
>>words, some people liked one better than the other, and it was  
>>split (as I recall) almost equally - a little more than a third  
>>had a preference for the Paris summing, a little less than a  
>>third liked the DSP summing in Creamware, and a little more  
>>than a third liked the Cubase ITB version. I think everyone was  
>>being pretty honest about this, as this was a blind test, and  
>>people were tending to describe WHAT they liked about each  
>>one: "I liked version B because it was warmer", or "I Liked  
>>version C becausee it was cleaner & had better dimension", or  
>>what have you. IOW, there was no clear "wow, this one is WAY  
>>better!" in this test. Different-sounding, yes. "Better"? Nope.  
>>  
>>I bring this up to reinforce Derek's point that there is no  
>>such thing as "crapping out" in a good native DAW. What CAN  
>>happen, however, is poor gainstage management, which WILL cause  
>>your mix to sound like shit... when you go over the "zero"  
>>threshold on either individual channels, or groups, or the 2-  
>>Buss, the higher you go over that threshhold, the more like ass  
>>your mix will sound... the image will indeed start to collapse,  
>>and your front-to-back depth will become more one-dimensional,

>>regardless of if you're getting no distortion alarm-bells going  
>>off, due to floating-point math on the mix buss or groups.  
>>  
>>Consider this: If you've got a 30 or 40 or 50 channel mix, and  
>>16 of those channels are peaking at +2, then what does that do  
>>to your 32-bit float-point mix buss during those peak  
>>intervals? It maxes it out, right? Let's take it further... if  
>>you've got those 16 channels peaking at +2, and 30 that are  
>>peaking at -10, and two or three that are peaking at +3, then what does  
>THAT  
>>do?  
>>  
>>It's all about gainstaging, folks. the analogy I like to use is:  
>>Would you start a mix on a console with every fader at  
>>+15 or whatever the max is? Hell no! So why would you want to  
>>work with every channel at 0db as the starting point in the  
>>Native world?  
>>  
>>According to Chuck Duffy (who should know), 0db in the Paris  
>>world is REALLY -20, so no wonder you can "spank it", when you  
>>have 20 db of headroom you don't even know about on every  
>>channel.  
>>  
>>Neil  
>

---

Subject: Re: the last paris app we need?  
Posted by [TC](#) on Sat, 10 Jan 2009 19:05:50 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hey Deej,

Very cool.. Did you make those panels yourself?

I just ordered some last week from [atsacoustics.com](http://atsacoustics.com). I like the stands you have there. I'm assuming you made those? Looks like a good simple solution..

Cheers,

TC

Deej wrote:

> "Ted Gerber" <[tedgerber@rogers.com](mailto:tedgerber@rogers.com)> wrote:  
>> Really good sounds overall. I have BFD 1.8 but there are  
>> problems with it and Logic 8, or so it seems. I have NFI

>> how to get TFTW...  
>>  
>> In the meantime, I use DGog.  
>>  
>> Ted  
>>  
>  
> I just got the BFD Deluxe sample set that was recorded by Steve Albini. I  
> like it a lot. His minimal compression techniques and use of a very nice  
> room (not to mention 128 sample layers) create a very dynamic and hi fi set  
> that can blend in well with existing material if the material is decently  
> recorded to begin with. I've been tuning my room and the house kit here.  
> It's sounding kick ass. My use for Drumtracker/BFD will be to add a bit of  
> variety to the kit. Most bands around here don't have the budget to have  
> multiple snares/kicks, etc. They bring their kit to the studio and it gets  
> used on the whole project. Sometimes a different kick or snare or dubbing  
> in a nice new splash or crash over the OH tracks and blending in ambience  
> from a great room can really bring something new and unique to a song that  
> is being mixed.  
>  
>  
> -----  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [TC](#) on Sat, 10 Jan 2009 19:23:52 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

That's great, thanks for the info. I'll probably build some stands also.

I'd prefer that to wall mounting, at least for some of them (the ones that will need to be corner mounted etc.)

Are you happy with them? I know the price on them is great..

Mine should be showing up early next week.

Cheers,

TC

Deej wrote:

> TC <[tc@spammetodeathyoubastards.org](mailto:tc@spammetodeathyoubastards.org)> wrote:  
>> Hey Deej,  
>>  
>> Very cool.. Did you make those panels yourself?  
>>

>> I just ordered some last week from atsacoustics.com. I like the stands  
>> you have there. I'm assuming you made those? Looks like a good simple  
>> solution..  
>>  
>> Cheers,  
>>  
>> TC  
>>  
>  
> These are ATS 4" x 24" x 48" baffles. They were running a special in December..free  
> shipping. I got 25 of them. They showed up in five days. I built the stands  
> myself out of 2 x 4's.  
>  
> Post #14 of this thread describes the process in detail.  
> <http://www.3daudioinc.com/3db/showthread.php?t=16090&page=2> and post #31  
> shows them in one of the tracking rooms  
>  
>  
> -----  
>  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [Deej \[5\]](#) on Sat, 10 Jan 2009 19:37:03 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

This is a multi-part message in MIME format.

---=\_linux4968eace  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

"Ted Gerber" <tedgerber@rogers.com> wrote:  
>  
> Really good sounds overall. I have BFD 1.8 but there are  
> problems with it and Logic 8, or so it seems. I have NFI  
> how to get TFTW...  
>  
> In the meantime, I use DGog.  
>  
> Ted  
>

I just got the BFD Deluxe sample set that was recorded by Steve Albini. I like it a lot. His minimal compression techniques and use of a very nice room (not to mention 128 sample layers) create a very dynamic and hi fi set that can blend in well with existing material if the material is decently

recorded to begin with. I've been tuning my room and the house kit here. It's sounding kick ass. My use for Drumtracker/BFD will be to add a bit of variety to the kit. Most bands around here don't have the budget to have multiple snares/kicks, etc. They bring their kit to the studio and it gets used on the whole project. Sometimes a different kick or snare or dubbing in a nice new splash or crash over the OH tracks and blending in ambience from a great room can really bring something new and unique to a song that is being mixed.

---=\_linux4968eace

Content-Type: image/jpeg; name="C:\Documents and Settings\Administrator\Desktop\baffles 004.jpg"

Content-Transfer-Encoding: base64

Content-Disposition: attachment; filename="baffles 004.jpg"

/9j/4Re0RXhpZgAASUkqAAgAAAALAA4BAgAgAAAkgAAA8BAgAYAAAAsgAA  
ABABAgAMAAAyGAAABIBAwABAAAAQAAABoBBQABAAAA2AAAABsBBQABAAAA  
4AAAAcGBAwABAAAAgAAADEBAgAJAAAA6AAAADIBAgAUAAAACAEAAABMCAwAB  
AAAAAgAAAGmHBAABAAAAHAEEABgDAABPTFINUFVTIERJR0IUQUwgQ0FNRVJB  
ICAgICAgICAgAE9MWU1QVVMgT1BUSUNBTCBDTy4sTFREAEEM4NjBMLEQzNjBM  
AAAAASAAAAEAAABIAAAAAQAAAHY4NTJ1LTc0AAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAMDAwMDowMDowMCAwMDowMDowMAAYAjqCBQABAAAAQgIAAJ2CBQAB  
AAAASgIAACKIAwABAAAAAgAAACelAwABAAAA9AEAAACQBwAEAAAAMDIxMAOQ  
AgAUAAAAUgIAAASQAgAUAAAAZgIAAAGRbWAEAAAAAQIDAARKBQABAAAAegIA  
AASSCgABAAAaggIAAAWSBQABAAAigIAAAeSAwABAAAABQAAAAiSAwABAAAA  
AAAAAmSAwABAAAAQAAAAqSBQABAAAakgIAAHySBwCWAQAIAAMAAlaSBwB9  
AAAAmgIAAACgBwAEAAAAMDEwMAGgAwABAAAAQAAAKgBAABAAAAAAUAAAOg  
BAABAAAawAMAAWgBAABAAAAdgMAAACjBwABAAAAAwAAAAGjBwABAAAAAQAA  
AAAAAABAAAAHgAAABwAAAAKAAAAMDAwMDowMDowMCAwMDowMDowMAAwMDAw  
OjAwOjAwIDAwOjAwOjAwAAEAAAABAAAAAoooooAAAAADAAAAQAAADcAAAAK  
AAAAAAAAAAAAAAAAAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAg  
ICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAg  
ICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAg  
ICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAg  
AQAAAAyAAAAaAQUAAQAAAGYDAAAbaQUAAQAAAG4DAAAoAQMAAQAAAAIAAAAB  
AgQAAQAAANwHAAACAgQAAQAAANAPAAAAAASAAAAEAAABIAAAAAQAAAAIA  
AQACAAQAAABSOTgAAgAHAAQAAAAwMTAwAAAAE9MWU1QAAEACwAAAgQAAwAA  
ACYEAAABAgMAAQAAAAIAAACAgMAAQAAAAAADAAGMAAQAAAAAEEAgUA  
AQAAADIEAAAFAgUAAQAAADoEAAAGAggABgAAAEIEAAAHAgIABQAAAE4EAAAI  
AgIANAAAAFYEAAAJAgcAIAAAAJIEAAADwQAHgAAALIEAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAoAAACYAgAAZAAAABL/U/4x/jH/rv6u/INSODUyAAAAW3Bp  
Y3R1cmVJbmZvXSBSZXNvbHV0aW9uPTIgw0NhbWVvYYSBJmZvXSBUeXBIPVNS  
ODUyAAAAAAAAAAAAAT0xZTVBVUyBESUdJVEFMIENBTUVSQQAAAAAAAAAAAAAA  
ugCAAPxEAAAAAAAAAAAAAghMAAADAAACCEwAAALYAAIITAAYAxAAAAI0DB2cp  
CG0AAATqBZQFZwVdAAAzMwEAAAAAYmIAAABAAAAAQAIAAADAD4BAABK  
BBwCC3D8swBkZGIAsw8Q/wAARwug/F/IAIysAAD//////////

//////////  
//////////  
//////////  
//////////





d6Y2M4PvS7TtLsPlx+LH0oEyCTzHXJU7iucj6U5AofazMp6DI6UB5EjqyIR8  
rAjkg1RCM/OAfei4W7EiqU25JYjOARwpqZWL8sMew5pXuFgEaPhS3zhiSP0/  
pVhYwiDnJpXHYkU45NVmBkfocMaoll0rtXgdKnjuV8tFdW3d8UDM5FMg5cj6  
UqgtGY2Y/UUCQqExja/TsaeVoGV2UA4H5U4HcMdOOIACH6HHtTtpChml+bk  
dsDpQDKrEtsTgHgZAAGeg56f5NTRgCDzZFRjuwpD5546/n+eOKYCRyLJMrOC  
Y0IIVh1OOOf89KmMjS3Mu5AysvyKeMnt15FICKRHRDvCNtbkrxye36VHEMR5  
JbJPft6UPQFqTRuC6AoMISC3fP8AnmniUSN8vQVOlytRznEZ96LNGefkjCjP  
NUSXRGtN6dPWmxRZztjA246nA/CIYE9SnbfMpPvSA7ZsdjTAk+tMlaP7vK+n  
pQBESN5ZQCe070qM5dtzE85596AFU++frTJZAoYMN3PTsf8APNAEbLFM6iNg  
jAbcP0NPuQCzslDgVCFGMg9fr6k/pTER2zloMuM7RwuMBWwchHNNjfyS5Cgkg  
dT270honB3w+ad6jeTIM/eHGP1aojMNI/LyeOtKSBMC7BcE52nPTTr/8AWzip  
QWZAwUDOSPakO48kkAhtVzT1xEXORubjP5VRNyZmKAvzipoWQp1GepoGZltG  
yRkMpXnlyO1MIX5gR2NAEmc0UAQSFJL8oOTQpy+cduaAGsJFj3bGH1FQMxdV  
UgYGeQOT9aYDjHjGjDEgOVB+UZwfep4nuli0cJbhsIGXkDgD9TQIWC7UMP3e3  
GRIPfPY8dKHS3IOBMVwmcuPTPGfy/OgBfIMcMhJQ7gOQe3cfn/Kqxls4UZ4  
wB0oAWNCX2joev0q7igGlfbr2zWnEmyJUgeBikCJJYrZAJZVXI571Ar28w  
Z4ZI5H3c5wM9cHkf/qosMtkRyqQ21hnjnP8Ak1Unsd+WiJ57GgCptZCUYYIp  
CcCgCJ/vK3TmllDohuQ8nll9RQgZOJ0miZY43PDDOD3HfFZsjgDyxuyCdxl5  
oWoWsV5AQ7ZPOamF1PJCsaAbb907csB6D0FAgy0wyFy/8WOp96RADluR0PzU  
wHtLK2T/AAscYAwCB9O3SmMO+MDPFAFmzT5S5z6CrBoEOgjEk6Lx1zWi2FJz  
2pDKN5ardyBi5QgAevH0qiLOWG4BwWQHhh/nilcqX0eBncRz0paYhskSSDDq  
DVOBTznMTZHoaAKN2pijZGGG9KrfNMxJ/wD1UxEW943O1yD6g0kYDFi4JGMk  
+IAFiFFAOSEyOmThunH+femTxmKUugETqTkjoWzyB2/yaAuQ7m3E/wATHk4p  
YcbmzkHH/wCugBynMJLDJzgEHv3J/Cmqdx2gckigDQjQlGUduKUikInswUkZ  
+uOParSfvJPmwc8/gP8A69BRIYIypGMe9U50MbiMnJlzxSaGi552G/eRlecA  
9RT1ZXGVOfxqrCHUUgGSRJKmyRQw9DVC50vafMtGKMP4c/yNAGVPbyxPiZSp  
OTk9/wDGm/dJ2njsSOaZJLHDNP8AOiMGPBYDAI/IUUqSpIWBuHHhb/PWmFxxg  
Yjtt+eKvlw7LnoTj3pDJJ3V5SURVQgAAf59qdZR5kL9h/OgC6aYxxQltp5d  
uCeD1NSea0LgFc8DPv71LKRJHcxScHAOe9RTOGuowpyvXrmmDLtMaFG7bT6i  
gBAJF7hwB+NOWQHRkH0oAdRQA10SRdrorD0IzVSbS4HHyjb6YoAdGhgiWNgQ  
FGNxPX8hUiqzcbHqD1pBYV1KDIBNRmCNyC0AP1UUwEa1hUcwRn/AIBWfbx+  
XEB36mgTHk0xV3uq+p70CL55KID1IHT05/kKimEpc7Ccg8D1Jx/Sla5al4hv  
A3HnODxg/j71dkhzMjYCgZ6UJA3c/9loEx5NMVd7QWZAwUDOSPakO48kkAht  
VzT1xEXORubjP5VRNyZmKAvzipoWQp1GepoGZltGyRkMpXnlyO1MIX5gR2NA  
Emc0UAQSFJL8oOTQpy+cduaAGsJFj3bGH1FQMxdVUgYGeQOT9aYDjHjGjDEgO  
VB+UZwfep4nuli0cJbhsIGXkDgD9TQIWC7UMP3e3GRIPfPY8dKHS3IOBMVw  
mcuPTPGfy/OgBfIMcMhJQ7gOQe3cfn/Kqxls4UZ4wB0oAWNCX2joev0q7igG  
lfbr2zWnEmyJUgeBikCJJYrZAJZVXI571Ar28wZ4ZI5H3c5wM9cHkf/qos  
MtkRyqQ21hnjnP8Ak1Unsd+WiJ57GgCptZCUYYIpCcCgCJ/vK3TmllDohuQ8  
nll9RQgZOJ0miZY43PDDOD3HfFZsjgDyxuyCdxl5oWoWsV5AQ7ZPOamF1PJC  
saAbb907csB6D0FAgy0wyFy/8WOp96RADluR0PzUwHtLK2T/AAscYAwCB9O3  
SmMO+MDPFAFmzT5S5z6CrBoEOgjEk6Lx1zWi2FJz2pDKN5ardyBi5QgAevH0  
qiLOWG4BwWQHhh/nilcqX0eBncRz0paYhskSSDDqDVOBTznMTZHoaAKN2pij  
ZGGG9KrfNMxJ/wD1UxEW943O1yD6g0kYDFi4JGMk+IAFiFFAOSEyOmThunH+  
femTxmKUugETqTkjoWzyB2/yaAuQ7m3E/wATHk4pYcbmzkHH/wCugBynMJLD  
JzgEHv3J/Cmqdx2gckigDQjQlGUduKUikInswUkZ+uOParSfvJPmwc8/gP8A  
69BRIYIypGMe9U50MbiMnJlzxSaGi552G/eRlecA9RT1ZXGVOfxqrCHUUgGS  
RJKmyRQw9DVC50vafMtGKMP4c/yNAGVPbyxPiZSpOTk9/wDGm/dJ2njsSOaZ





LuKdJXHbBNKJHbkylw9CM0WEI2Cfnh3e6nFM/dc5WVPcdBQAKRj5JyB6sM08  
Gf8Ahkjf0pXC1hwmmXlkyfXqKDdlfvxsP94VSEBuIX4eMMPdRxULwWE3EltG  
fwqudoNVqitJoelyf8sihPeqsnhi1f8A1VwU+laKqnuhqckyvJ4UmHMVwp9d  
1UpfDeoGKIk9jVXpy1NIXa3Kj6TexdbaTjuOaqvBKitvhkznPQ1LoJ/Cy/  
apjBycng47jFOZgCOcj+dZSoTua3TQFgvUZb3pN4B4GB6GseSUQbGMxLYBbp  
QZcDsSe2O1S10sHQA0wwSRwP0qKJtpDEcg04q2omuizMSwCjAphIzPM575x  
jjNdFr2OLqR8sOc5PapxbtIB1A9PWtFG2o3qTx2gUgsOfarMcez7ox1rOU0  
xKLY/YATuOe3Tik+UtWEpN6m/LYTcQhBLZHf1FKCGwr546np+FTzcz1OixGo  
3OUGBngH/GmsMLgcfhWjjs0Y7PUVQOOe3HFIZAoyO/l4pczBLmHLIHUjoajd  
dpzjj1qOW2xWkWCgk5J+IL0OeSBzQrPRg2IcscDOO2KQOSePvd6batuFtRyK  
DkdO+aEXDnA6dzSik3qVcQg446np7GpGUjgdqcWiGNIGRx9KwtZj2alnJDjd  
+OK0gZTua3g1xNe+VxvMRYHOMfSuvun8sxBkV1XkjP3q2uYz0ZHcsTgoxEZ6  
D3qpKYxBGu3BDEvjv/jWdykJflzWbaFQQoy2OTjtXPPgvk88f/roSJlpqOkG  
zcynoo47Cug0p1u9PguQ+XKevQUK24k7DryPzLZoQP3bAgg9DV3SBcR6HCjA  
sqAIW71S2GzL1i285JMbtjyPPOayNQQRGDaOMEH2NK1zsofAzPiO4SMDyp54  
rY8OTu0wEjEKTjGeDxW0Y+4c02udm+CoyOc9ODUYG9+ASe1czsmWthdoVgX4  
x6VblAa2+7gfw4PNZvfQd7kayR+Wxd8EDAAFQLuVNwYg+9C3KSbGJhhkY5Pr  
RuRNzM6j15600m2UpD7dka4XYwbll4NRSqACByc9hxTtYp7FVgAM4/L1qpPG  
p9M9fxppa3ORu424P7uJRgHaR+tUGXHI59BWD3O2m/dl3xnK59arsBgknj0N  
CIZ2ZbZYhy0Cbj1HGD2zUAOGYjOCePwq2IzmcZNSd8oAwCSTjgdKdGPmlz24  
A7Uk2tyrq1hwXYpB7Y79KkTGM+/51erGb2jHGnQ+oyAMe9aqOR12/TFC1Oae  
jZeguXQ9SAPStCLUCAMkA+9CVjJoux6ljocDsVaraamcgbifr/8AWq0ybFiP  
UgR9+M+vY1OL9ehBX1PBzVXESLdRE8sPqRipBLGxOGXHqDTuA7K460oAPQ5+  
IMA2n0pMH3/KgAwaSgAooAKKACigCOfaR8xXHcE1TkAIO1APcNikwKFzu2sW  
Mme5AzXmWvtu16UkknABBrKTOiktSmeflJ+bofeqrkAn0z19Ki1zaSa2Ghcv  
jtjilxnlHTuK0S00B6qw58CPjv05qAHeuOxHORzQthSjbUmxujLEgdAPaowc  
SkY5HOKljSV9R4BPGePWgrtXk8e/Sp92O5td20GuZM4GdtL57ghRyOvlqoyu  
9TNxuKs5CjcnWkL5fKnBP61U/edhRjZ3JjMsilT8oI5xQylxyJASOxqOSxPN  
Zjfl3H5QDz2poDoAGGB7/wBKvk1uOM+bcfgDI6moQxCENjJ/nU35t0VZIQO+  
MstLE2ZMPkDoOaaViXdbDlxuORnnikmdVOOxOOO9TbmHYhB+ZjjocZpc5B5x  
WnWyEkmtRyjLID64q6SOcnmoktSkHQDHX9KPU+vNZ7yDzRHF/qzkgnPAPenc  
L0//AFVo20rE7ktiga+TlyBk1pyLuJIXHvStoRJ6kfl7gWGPI9TVV+DkZiPe  
pSfQoqu2+YIm9uaaB8/UDjr2rSKQ3ZoXPygj16V0tvFtgRSgY44ANXHXU5ql  
0kmSRhRnllQ+wzUysScCcMP9odKpoyJ4kZzzDE47ITyatxlo6xSL7g5pN2GS  
s3y4W5ceu8YFSRgkZ/cyfyqRDygBybfafWM8UgITjdlhHt0osAoOeFIVj6Gg  
Buvko4H9080xoYRGM5WRfZVzSfljiXHsR1ouMtdsHMbH3NMMZHWIZ9VNIGI  
flPJdD6EUeawORnN2PahglzueCiH0wMZqM7SPmjwfrT3ACUUFkzP9AcUANGF  
nJ/Siwg3TD+6R/vU4XMq9QfqDSsg0HC/IHzDp6jpR9uhc/PHE/qCKpNrYQ1h  
YS8yWsRPsBUemlaVnN9yYyf7vFaKtKIFZ/Dunv8AcM YenIPNVm8LqATDdKfr  
WqxCe6K9pNFWT w1drklj+2cVQn0O+ReYScelWvZTKVZx3M+axvY85t3/Kmi  
CVVAKkevFEsNB6xZUaye5UXlchOOnoc07Y4YDYea5rRvqZ7ovQWW35pCST+V  
WwqKMEj2rOU76luMe4ZxgjtTGkJGeR6Cs1qzWw0kkew7UHPOPpyFFrPQq9xCP  
4sZxQvzDAPP60NdGO9loBZBggCB396azuxOcfWjVbikrq5GpKqcn5qQrjlzn  
FK1ncdtFYQ/eJ7fyp5YIM+/ek3dWG7XBTtwVGe1OC8cHGfU1URSaFwUTqPQ0  
xhJB6dacuUUbyE+fOf4e9OJwMHP61CWpT7EbXEUZy7cjp61Y4Lbg3ykUcrs  
Q5BNglCOo/KsbXkIMMg68g+1XG9yJJWF8NTiLVLZuNuWQg+hH/1q7TUSLjAV  
Quw4Ow9fetX2MZbkjbfS41OJVH54J9xVYr5idm54+IJ6Di9SSWORIGfJTI  
wR2Nc7KjNIAV2ORKL3xQ9BSu2UtULxwbRxuOG+mRW r4Yk8zTZIs7fJfj6HpR

F3VxWsbRDeSx9BmtSE40ho0ONy52iqJehkygCM4/H1xWBqchCq4xgHj1oS00  
ujsZWmy/PdRvjEjg89hgVo6ZmOWMlj80pxiuiKSpnNPWTOtjjVwkg3knt0p  
lzslO3G4nGc4xXC92aLYZOTvxlSRTHlcqql8r2A6UNahr8qeMGpozuRdxPTo  
aa2NbHGLcTie7DysGEpA7YHtT7ctLePHk8xkjPlqZWudVKCtsX9FnEV5Cxzs  
IIPoDXQXCyYHkkdqJE1UjPYkEdn05qrKcZJ4Pp2q01axwT0ZXustDGVOGUn  
BPaqytvBOBuHBFZSSW7Omi00RPxnnlWxgd6ilBYkjjHes3bdG0rD7XiKMbs8  
fnUbY3MCOpxirTsxJdBeoxu6DB96dENp+op819xSjclbCpnrjrxTk9RjIPAp  
t21FGOlmb2jjdbJwCdxBNbcUeTxS5rmMviZbS0J5A5qYWjgZAYfmaL9idA+z  
yckLn1GOtKI5EPKsPpmgNBQzgeoHqtSCZx1BU0XZPKTJeODwXBFTJfHPzFC3  
uNp//VVpk8pPHfEc5P1RqmS/IP3yP94f4VSkTYSR34bpslqdbysY+7x68VdxE  
i3MZ46n6YqVWVuhH0BpgKVx2/mf6Um36/kaADAewP5UYNACYNKFPofyoAjmY  
AfM5H1XiqkmCc4jP0OMUmBRnU7Putn1U5FeWaswfXbktnKEdevTvWb0ZtTZU  
LAMST3wMVXCgqVbpU7LQ6eZilcsA456/SnADPpQnbYLO4yc/Jg4znrios8g9  
O1NK71E7kxHygEkZOMioQQZHI4IODWc9ilvoSgkbo6+tJkbADyM9c1Kak7W  
NVsPU5BJbpwMimjPAbkjoSOa05baoybewYQ5+U0BEJJRuhxmp5pXBO4jJtOF  
IOTzjtTcYzyBjue1XFrYTa2JAXAyD15z2od2KgHnnPWhb2ZNIJXFIBwAeO57  
07lxtKA44HvTTs2mEr9ACxuOFI44pvllc7Gww7HnNVdCvJDEXCgE9OKV1aUh  
QBw39KIXch30VyB4mAYYOeuMdaQg454FFpRY7K5JFzOFBHQTV3oRgDnrQ0uo  
J2Y1h2yM9scYpJGChieBj8qxveWg7WVvyOMewp6uMnHY08HBxkg+/86tvWyJX  
ct6ao895O6qORWgOabkQ1q7DJEymQTyKqseCrij1qd2Uk2UAAS3I5owSpw3U  
ch3raL6DaVi2WhuLuAQRbAo5Gc5Pc1vbNqHMJUAc7D0q0c9S6HxFAABJlp/6  
aLxU2HbOXidf9oYzTZluWI06Ew8/9MySauRFAOHkT8KlgSnLHH2iJ/Zhj86f  
5XG5reM+hQ80hibQp4EsZ/SnCRgMecAOwbNIAwxHMUT/AEJNjtQdYHU/7B6U  
wQ0soHyzuPUN0pckj5Xib3zzQtgE2Ng5hQnv5Z603gZ4kQfTOaVhgGI+7MP+  
BfKPzpSWP/PNj35p3ERFV7RED2PFNOzjLsp7EjNNsBOf4ZAR7jj86Qq56qj/  
AO6c0JodmxuAvVCP92m7kxjey/hnNTbULC5J+7lpHo/WmkMWwURvoOtO/QVr  
CFVz80ePcU35FY7XcH35oATOD8svHoRSh5BySD9KTVg9Q+0TKcDI+h60C+kH  
3gR/vDOaOV73FuKb8YOvBP0/ITDNbv8AeiQ+4WmpSjsJxTOWEccanOOOfWo0  
be/mlQABhVP61n1ubqNmS7yOvAFAOGGcD6VNjRaCsAwPsaYVLHOSc8U+W+4+  
gbBweh74oYhQWxkL7VVktyY9hjSdzwGPTsKjDBSM9M9am99TWKtcc2SSOfoK  
FGTgdam5TT5boXyz37dhTXAVckduaWxmnbQZ1AB647UvQjH3emPUUN9bDA5w  
cZGftT+M8dKEOVhGOW5JwDxmmMdq5B5z3pSbbSJ+Ejmuo485fLZ7c1nz6gx  
l2ECt40tTOc0U5Y7k273AX5UGWLcZrfsplmsYZV5V14xVVIWVktCRP1A5HTn  
3qhrqKdODEfMrDcfXmsV7r1NG7ox7B9lWjD+FgwP416JHlpUEr94Ag4xitup  
jLUluZMRYcBio+U4wf8A9VU7eZVRWPYsDqOtvCleQ671M3FxAilDgFj2NZm  
oYj8lxgHf19vSolqh2a3M/XF32zADG07snr2pfB7lBm7XqGUNzRDSllrc6ct  
8nl+U/rUq3SrZlg+8AQR7VZDRIXN2sdpKzEc/rWLqLCS2jK8nd19+9Fr17MO  
9GZUY2hmHA38kmrttdKLqG2jBZfMDAaj+ddCcVTuzCelS1jtxLskLffml5OKj  
VTIjMh6fr71xW1Zbu2QrnzCD+frSkHOTnFO2moJ2AZOM9PpU0TAFRxnPcZfZ  
9DXqchcR4urzB6ydMfrT7DBvlwMEoVA9atO6OyD90rWUxR5YA2DhKdvsM11s  
N6s0KMrAyLww9qbV3qY1HeJBKcsWKnFU7g5A4zk8ZFLfQ4pKzuV2Je2GRgq5  
5qux+YleT/OsKi1SZ0U9rkcb0DKenGKhkHWps97G3Sw+DLxE8gD17fjULHM  
olx+A5raLqt5DxHzgHqc0oIBAJwTmvpvzbEyu1uSkgyQDxmItwQxyeOuTVN  
e7ZhBdzotEbMAAJpzn610duAWx8vvx/OjlskZVHds6CxiVwPIU++7mtdLSLb  
yMe2K1ijnb1HNaQN95Mn1OKibTrYjGCv0xVcqYrshfSojwsqn/exUD6P/wA8  
wjj2qXBFczIW0iTrtl/DOPwFQGxcdjx32n/ClytBcY1lloz5Yx64pvkup6VN  
h6ChZM9D+K9KcGdTxu/A9aYWJBNKo4Y4/wBoZFPS5bP8J+uRmmmKxaW9bj76  
/wC62RUovm4Bfj0cY/WqUibEqXmTzsP0NSi5U/wN/wABANVcQNDRg4GPcsMY



/Ske4XB2BMeobmi4FGW65PzyD8j+IVmulPG9W/3xiobAqzShkJwuD3DV5jft  
v1e6bP8AH3+IRLU6aPUgJBGQOAE9QRK2w5ODk9eITc20JFOTk5xjpS5wcEcE  
dKTd0WtyO4I2DPeOs5IBAA6D3p000r3Ik03qTK2JACDycrjvxVePBJOeDxVS  
7hT0JenC5zR7DoOay5nujV3QSHZCSR3GPqKsB8AFI4YZHFVzu13sQ7Mblw2k  
hVB7n1qOPO3jHOeovdWQR0WowkLxggCpIUsiOMMpFaKC3M3Kw3aVAAHAPFM  
biVgOB3NJXix3VhzOAB6k4pcsvbH4ZqXK7uwTt1E3KFG0kdPeldl2jnGeOKt  
g+ZMXo2eQQPy96cGw3XlZnmoTaegWvuBcgYJPWgyBiSV4+IUm+bUVuwRsHYE  
KEZecDmpj1yR19Bmpq7jin1I8fvAeDim3DkRMcdRip5dbl25tBqDbFj2708D  
jg4IXjHeqWmwrLqXdOz5bt/FkcAVa3lvVhntmpv7xnrjWuY1BGc+meKgnB8  
tnHTGSSOBValFczgcJk4/xoyehyBjg+tWk7FOdi7paeZdqVG7+9zjNbzYRP  
mEqA+nIqoKyOaq25WJkckAC5/CRf61KqFusUTn/ZPWrZiYsRKF/hkj/3DV1J  
COBnN1Dp/WpYx+GduFhc+/FP2gHJidPUocikAuQv3Z5FB65HH40biQPnRx65  
o3DYaVGctDj3TnNBKD7rSx/UUwuGWz/r0Y/7QpCrOeY1cdypwaBDCqj7qyla  
XJA4I4/2hTGgy2OkbfSmkf3oTj/ZOTSQEE5AeHdT/tCglieJFb1yOtCGJhv+  
easO+SKaQB1jdAfSjqlbleQskqD+dHzEffU/zqhjSuW+aMEe1MO0H5o3VfXG  
cUuothAQB8sxB/2uRTvn7ylfTJoDzGncRikVvdeKjYqMboWU+o6Uld7gMzH2  
cj/eFlzH/noD+FACZf0DDPrTCOOUAHQKa0BnLMxml8tclAPml/IVgKGwc1MI  
poje1wG4nPZvWnKDyB0HGaizQ7pBwuDnmMIxPT7v86blDaBZvVjdx3cn9KaD  
ngcHHNq9y4rqN2kfKDKdGZFD02DxgUWKi3ccQpTIP5VLkHHHBHpRzXRUnpYQ  
nd0NROSXIHbg8VK1Jtcj+62OaUELnOBx35qrX1KsKDg8Hj1pxwibmIx29amK  
aZnK1iIPexxJ/ef2HWqU19I5CAdecAVtCnzGcnzD7bTrq4YM6hE4yTwfyrVt  
tL4FBwJGB3ZcV28kaaujmm+iGzGO4juYBziOMdDVPw6xbTNh5MTbaxqNW1L  
pRsakS8kHt2qHUI/M0udT1CjGPXNccneVzd2SOVtjuzk4JXj2ruPDI1NqQEU  
cZlulwF2jqRjrXR1RhbTQlup5G1GW2dSDDjnOc05xubjA74H+eIFxpaFa4IX  
UIXHRgVIJ5pdXil0wOATzxiknZFS1KOqxOEDOOJUx7HH9aogZDFqkqH5SYt  
o9yP604STjclD9zpri4MMJBU7+gx71B9o2FieqjH40yTFv5TJahFPoc59ea  
zklkQPuyRngf1prVWOyEeWnyWezINi069jnHpUOmIrkFplv97BH41L8iZnos  
Z6G8ny+WB9M9ajjdlglHVThu1G7IZETiQE8ZPSIO1Qcn361LdthLzDjPpnua  
RHYSajJ55AqFrubXsc3c/wDIUuc8jIA/KoYn8u4VhknkD2o5Uzrh8KKk0ZN4  
7IcBzkkdau6fM9nd27TlwWXg7h2pybijNx5tDr7yymht1ncjZJ0HesO5+90/  
TpUxV9zinquyFrBjjkMMD0qorHf6k/qazlub0/hEckEkg469MVE5+XlxjHa  
rafQ0SH26kQhcll/i7VHsJYnPU5J9KIPdCvZisAWAHR+IAIMnB56kYqYX6oe  
iJcnknqOvuP8akgYbjySappO0UJX3NzQuYn6ff8ATiuptgRjJ/WmuxjUep0e  
mqz4AGfoOBW2qNsA6e1bw2OZ7iFSOtJVifYfU0ZPqfzoAM/X8zS7j/kZoAaV  
RjyoP/Aaa0MTDBX5fTigBjWkDYPIjjoABUTafExJBK/gDSsh3I302PHySAH0  
Jpn9mtn5SD+lqeUdxj2Eiknap/DFRm3kBwA1LIC4xonHBOFQ4/rSbCuTzn0B  
NADfMm7mUHvkZFRySueck3+8pDUrhYpSSEHhMfRuagedgOXc+7DNK5VitJLk  
YBUn06Vwtwc3kzDkl+amW2htSIZAVzkdKZHzGuTk9STSIG8eY3uh/QEA9uPa  
m5zyMZFQo3jctNjZCCo9uD9aiDfMq4IGec1qrW0M7PqSYOQAeenXpUSjGQMY  
7Yok7IRtfQl4Ctgnnqe4x6UhC7ccDntWW+ha9BZAphG45G7g+IP5IbPYfn9K  
I3S02I5eokh/dn0xnGKajfLgn3yf5ULV6jshkpyT7jHHanwEiJcNjj8hVKWt  
iOUcHzgZzUOcylik8VVmtWVohJCSFHxAzipVZW3KxI9PU076q+xEttB5RMff  
I79KgckDpnmtLxWwJ3WpaUZODyB+tQnJJ5AOcVgtHZjeiG7mB65NO+bdjHIF  
U7pi3JoMOsemKmyCMqeQayloUrsj465qK5OYVCknLYP0+tF3sFmtxwO7gY/p  
SnnpjPPtWieupFx0cjRLtBwCeO9SqqkmCN555H+FVZXuw0RYS1UOpbqOIov22  
2LEfQY71Dt0C92ZA4bBOMfjUmckBn8zWt1YbimzT0WPcXLJulHY4rWYMHQR5  
qDOTk5Aq1oclT4rFgM7ZzLG/qHXFSpGR963XJ/55npQ3YzLURC4y00ePUA1b  
RyRhZon9AykUh2F8tmPMKuB/canflvaaP680rgAk44mDD0detKVYjiNG9SrD

imA0BR0V0/3TxTt/bzjn0daQDcs3UI304zSFQTzEyn1Vqewg3qB/rpAfcUbi  
cFXR8etAwZT1aJSfVWzTCUGc+YnsOQKQDS+R8s24ejLTSGL+6jfrQbJSBn5o  
iPoetN3Kv3ZHH+8tUhDizEcPGfYimlSesKH6HmlsN6jCqj+Bx/KgPxnzmB/2  
utAabASzDrG31wKaQc8wj6jvQgaGbVHUSL9O1N3KOPMOffnNF7sNhMsT95XH  
bjAqNg2clB/SmvMOgwhQeQ34U0svHzsoPrT3Ec9GgSMKv404tjAAHv71Mr7M  
3i09ALg54/Smliv5PB7e9ZybsCSuISMZ6mmuQykjkeISm9mWo31QfMTnBx9K  
WNWMgJ4A6/ShW5i2mSttOSoxk8YNITknPU0t9xLuRR9wRyPSngZ707tmkl1A  
EgHtx1qLI6sM+1PIRld3E/H6VHvUmlGL6Fc1iGa8RTgfMTWdPdvcOVQsePIA  
H6VtCm5M5pzJrbTp5WVpj5ajqD1rUtLWG1OVXeR3Yc10xyKxzSm3tuWxKTz  
3HemO5O5M/L0xVW7kKTWpBax+XK4J74X1xWbpBFvq+oWpHykh0x2OKwqRdrH  
TCSnM2UOFBOOmTj1pLsFoWQD5mGBXIlbVG7SOPUEPtzjBOSO+D0rpPC11JZa  
zJJA+xyoKsOOcc10vTYytds1r52k1VLhhlpwQx9Wqy4CKjLj5uDmpTe47Wjo  
Vb1CrRSMwyj4I780t03mWkiAnGDjB6Gopu7aKktEV7iQy2aBzkAcexrnBf/s  
2sROc4D4460QT1RNo8x0uozo90hyAmM5FZi3ctzMxjxsD85/iFXK9iqdO6uy  
pNmRzLICqhsYHH5U+QRrFFMBwWlwe3HWnsjdSbfKidJQmkXQZuZBgD+VY9m2  
LyDbwu8YA9c0otvoZtal9EI2hgcgAjNMgdfMkU9CMge9JqzsZyGM3IOMH260  
5t2QO2Kvko7GHAOT+dIWw42/Njpis73LZzd6TBqcpP3XOahSGSa8SNRjeeM8  
ZrWKA0Z0KolC7LmpafDp+pWkYIEkUpw59D6Vb8VzES2kZMeYyWUL3Axxn3qm  
YOTm4mgNZS/shGglDf+bd3B9KzpiTnnms1Zmc04uzK4P+g3AY5xjOO/NVHBR  
vlHOOPWsqkbyNaWw7cCoOeemRVdj82Oit04qFJuRs09yal/unBPJ4GKZz0/i  
9K1bVjOzGHIYIVbOPTrRFbymYMUbbjFSm7mlklqXVtpXBJwKlis3G7LAHsac  
vlz51E07E/ZAwhKk8HpitJdUuV/1ZXHuuacdFc56j5mSf25ggXEd4Y/901BP  
qV/cLsuNSumQ/wAlcgVqr9CHFdTQ8KanNYavFaws88F0+1omcnacZ3DPT3r0  
kjBxVRZLVhKKoQUUAFFABRQAuT6mjJ9T+dABk+/5mjdQAHCt95QR9Kb5UWMB  
Bj6UARNaRsc52/TFQzWJfO11P+znrUtDMq6tCudwHpnHJrLlhZAcKRx65rJq  
zNlsozhIQ5OPZhz+FcTlf3j+u4np71L1NqZFIQAcZ56VCD8oJpJN9TbYl6g9  
OIM3YbHG3GePWps1rcFLsRzdcEcZ7GmA4+Y9uAPTNawva4upMSVOC5bB5pi4  
HTqP85qZra4J2vYdn5MUEHuME9eKUKlqtzRXEc/IgHQGk889T1HAwKcYvJju  
2OLgo7Z4XHJFluQD0z70mktx7oZMwJIXHAYkKDYiGOoHloaaRPkCEZOSOe/r  
UIIJYj3HWnFt77CaB2BI6bvQU5SXlBlwB0PtVq+xSstxzKIR1z0ppGJQhAPO  
AazukwS7lode/SqrkkBu7Ec9afN7wrLqWDIOOFOPskiYNT7AAjOatVFKNmZ2  
102Hwj5GI6Z7+1PLDZlvespJs0e2gg6HvnpXUMp3SRr0BOeamEdHcbT3HngA  
dueKcxGeemM1SVtjPQsKAYR8ZHdfSriYC/KQM9MVUr2IJC7h05FUdSYeWqEj  
5u1TFSuUrGaDu46U84xwOBWqTtYrZm5o8WLZnMe4scZDcgelaS4Emf30eO23  
cPqx43aOOcryZLuB/wCWkUh9xipUj28/ZzjHJjaqsyUW4iABmSZB2DjgVZB3  
D5Hikz/e4qb3AQJ38vGP7h608PjoZU+q5otYB28sfvxMfpTWQAgtAAPWN+IA  
C71HVpE+oyKTeWOA6v7ZoELgnrEW/wB1qYtGO0qex6D8aTGOEnPKmPQjmjBY  
5EaMfVKFqAwqi9vKt/dpCyngS4HYMOtO9kMaS55/duPrimle/kY915pLUBuV  
B4d19iKUPkcSq3s1MQ0qx6wxt9DTSAP+WbIPUd6b7AIG7CZ19iKUIh1aNvUs  
OanUY0gH70a/gaado6hhj05xTJG7s8+afxHNIN+SBsbPt1oshkbAlf8AVLjt  
jpTPqGGadkA1m6/vOnqKaxYjhlb9KA6nPBirEEgJvxzQTnAxWLD3dnVyu2gh  
OMYPNKQWIIP4UuuqHYUxcE5wfTtTsYHv6VMnoPUY33fcGnhQkee7UnJvYrRI  
QYXlh+FKBnPc0Ws7kpkTjYyPx0xzS554yAe2aqKvuaXuhzngfqKgYhA7MQBn  
P4UN2WhEWU5rxUYhRnis+SeSchUyxPPHpW1KmmYyqalq30yWRt0x2d9tacNr  
DAo8tBuArrVo7HNOTH3DugUgZbqT/WnqMbd3p17Uhe615iMx/g5PoBTIQCF  
uBu5VR1+tROfQuEW9WFynl3TjoeuaxJMW/ieGdfuTKVb64qpP3CKf8U2wdsM  
DyCevpUe7fc+qj9a4E7M7bJnK3q+XfTJ0+bl57Vp6O5/tqJicFkl9sVutrmT  
SVzo7yN1WGRwdgY4PoelJlcnA+71HPSICV20PoJdRSSRkuRnqMdeOaSi7oUk

Y5BHQ/5604q1yHqtDLMzRQtBnKhj161mW8Ty6spB6fMeP5U4pJ3JS5pWua9+  
FSFIVPrVO2wJkKnCJzj/ABqZ8x1Q2SIRR95OXHEe7dwfaldXuliUGEUAz+d  
NO+tjojBqVyBjIny/MvUrTikllhZSc+YCPzzRuyaiszuw37qJiD8y5OB0qsG  
Kyn69ambszlkraszHcMHPu4uAyAEYOKlu71EIZke4tNkDjuR3qdFZpgmCrdr  
enZlbMnXrOODX40kcNHKBh2PpS+JJnt7u0kjESNESVCdGWtEtFczcuayRna  
te/2lcr7l9hP3QByWNPudlvIrNLq5QRHuAGTKkdKT30Oin7kfeL/APZyRWYk  
hLeajAk+o9KglYZl6ZPGKyaSdzKc+Z3YxD8jKqCDx9PrULqzDAGKizbHCaih  
iW5wRuwM9qkNopck8ihx5nYt1fllSFVG1RwOaesl3fdHStlRvRESmyYRnkgU  
4KSenPtU2Wx7F7PceolXnp6ilB4yc5PXHloUb7ic7DhjlOfypTwRj5eO3erSS  
ZN2wBAPOKXJJ44xTGvM0NBfHiXS2l5878elesv8AeNEVa4SVrCUVZAUAFLt  
PoaAEooAKKACigAooAKMn1P50ANmTzE55PbgGsXUYlgtZbiRThFLEYxUyQ0Y  
0qifTY50VkWwPcF615uCTJICRw5GfxrnloddJN3GyAYUHgd+KhXAXDHnPOKz  
vJnTZjmYgfj+AprHBKj0wPrV6pGbWpHJKFecg9aFUcDpWsbp3Jt0JHO3PBix  
jrUSgEg5qJ23LirMkXj8rDgkdqVgOSxyCeajms9C+hLviZcFSuOPWmmKLqCQ  
c9610toZJNDHtxt43ViOMeo9cUJnZyeSMCokkmmaL3tCKSN23FVPI4x/WIE  
U4tmkAJX7xxxntVmbVgV+u48YqFD+7XGNxJ69xmhPSyB6juPMYBzjHHYURM  
AGBOD/Sndj0sBfJVQeQetOibdcHa3fipmklcT1ZabABl7d85qsxwI8YPc47i  
lfmQXVyTPzZBwc8HoaVSQjNjgdacOSISTWhPGFWI9j9Kc4yoxjp0rNyu9RrQ  
ao5GDx796YObkj+EL29atSXUphzknv0py5JUccnvU3Sehk11Lzr5bbWOccVI  
CVzj/wDVQ5MLDgx3A9BWfqD/AL4KTyoyTVapWQkrsqqcsTjNKDhIA9au66DZ  
0+nwslog2o3H97BNW4mKA4M8XPpuFa9NDitdkgJbo8L+zjaamijwAWt2Huj5  
FINi7CxXrNln+8tTspkHLxPnv0qdAs2Aj2c+S4HrGRUokZWwkzqPRlphYbIS  
7HckUn4bTTCmwlvKd6qci4CeYByJWT/eXilJLDkq49QaL6AIV4/wBW4Hqp  
4pvmY4ErqPRhmluAuSy4Do5P4UwqcfNEc+oNNWGHmYPDyJ9eaaZCT/rEc+9C  
CwnGeYV/4CwNNJUY/wBYp7EUeodNBdx7Sr9GFIVcjJiYexoulaQueY3X/da  
m7h2lZf97NDHcXLno6MPpTsof9UpH+yaLB1GnaDxuX6c0Bh2nwfRqXqlaQ/c  
lxP5/WmMOuYf++T/AJ4pjexEwXtuU/pQTjhZOvYiquFtLjSSR1DCo2BA5j6f  
nRcDAAZgMDDU4RnJ7Vj0tc6mOKhRxyKcvJ5yT1qd9wje41hngdfXNDDAxnP9  
Kz5laxVruw0LmQKD17+ISSqouDGewrVLSyJ8gdec5z+NMC8k81Fmh+oMN8fl  
68ioUbEeCfmBwal76mkXfQU5JGMdevtVPUUL2jgdVGR700k5GUoq2hnaXEt5  
eeTK235d3HQ47VuQxwW6gRgLk9TXdHSOhyT3sSck4HJ607nGePrVu3UwV76D  
M7sqoBJ9ell0ZYfMeOvFc86tjopwu02Sjyfl6DlWkXGXAxjBz0rFO7udHQdf  
D95FJjOc5rntfUxrazLx5bncx6V2xd46nF8MkzZkmDwK+AMDg+tMj4UFSck5  
GK4NG7Hfe6MDXEwLVcx6MO3sOaXT3KXlpJnq5Un0GOlbwkdYNHYX5drdlsts  
3bto+tRAoV3ZAYkiOjdgV7EqTugU9OMHPWqcGFhAJwASBVglbcoXyBL6RfXB  
+IV7UGOO4kUgNkKFHJI9R+NLYIJcw65juo4czAkHGT1FQQxh5E3ZVGkAbHoa  
v3VqztjZ7FvVYhDfNDCoCL/hUNpcCFWXG4HPH161LkbRd4pspAk5U8AdaerA  
T23AyZMH2NGj2JqbXOxjYiFAxzgdahY5kyoHPWs56M5HqOUgn1p9vA9xP5MW  
C5OMULzEydYRa6mtvcN/EMbeeMVY1C4lj1BJMqzoOAo4Aq0rmLepz/iadLi7  
WREKKV79STiqn2O42pczhmRSBhu4rWStHQlPLVlu9EUcUbRKsZjYmp9Kn1rX  
UfSoVIPI5AZSc85FZ7GtuaCfmTQ3ieUjNgo3UGsy5AUsoPG7jP1qal7GSWrS  
MX5omGeAwOe4qwEXgjPsDUrUnYelo1XPTk5x6U7jH3cfrV8qeoXFXgdqFORk  
nkVWiE3cMtS7sgAkc1LV0F1e4buMEZBFG7PJP5d6a2DQdnk+mKMkAj9R0pao  
rzAZOMnkcUo4bJPTgEGkG5o6Uca5p57eeCR1xXrj/eNOISVkhKKsgKKAOK8X  
eK73T9WfSbGAQfuwzXbEMcEfwr6/Wuct9Wv4n3wa1eh85/ey+Yv5NkVMm1sH  
Lfc0oPFWvRHBu7S5H/TaDb/6CRWhF41vkGLnS4JfeGfb+hB/nUqfcbi+hdj8  
b2JwLiwvoj3Kqrr+jZ/Sr0XizQZSB/aAjPpLGyY/MYq00ydVuadre2V5/wAe  
d7bz/wDXKUN/KrJUjtTHcQgjrQAUUAKPaqN+ge3kSRQwI5BGRSewGJqKiOz



ZQq4VMADivKurMyHOSe/XmuZytNI7KOqYyXgE98VEMF8Y4x0FJ2vodEb7jch  
OAFrg8VKo65HIH51LkrFSdyC4YrKqlfy6UijJGec/wBK1Sa6md9CSRjhmbn1  
xUSYwMdckYHSsZWTswpu5MDkgZABPNB5J3HFF0tzQQhSuDkD0NBbP3eR3q4p  
yv2M+ZRA05Gfakz68HrRK9tB3JBI2cZGRx0qytzLHbSRnHISdcjrWqqX0Zn  
OCaIAE7x40OuKrJCTJtHTtjrQ5K/uiimtxy2rSSHLqMHGR3pGtXz8gHtinZ3  
uNSimRvBJHghTweo5pYARK5Zccg0ppyV2XFrcsOR+RwPcVWLBXQHoM59fas1  
voO10SeYpYEnj3p6nEch5yxHA549KfmyHLoixHIIIOOvY0sn3cHIJGPI7Vld  
KV2WmJnjBxntUUTHzXbjBPGPT0q4oTaHA7jkHjtU1v8A8fUYPI6kYqnHUi5o  
XCbssDzntUAcAgckn8xQ0nqF7oIGQ2B976Vl3RDXDDjl6+9Spa2aHAjUgZxz  
7Yp0S7pQpI5PWrp76ikrK7OqijHljKRvheu7BFTxAxxrlpoyR/D8wro6HA3r  
clQsxA3xsT/fXFWIkOelseuxqljuW43ZRgyyj2dcj8TT9284H2d/907c0tB3  
HAbekbj/AHWzml81h92Zl/2WWgQfeOCI39dpINNIVf4JEHovNAWDzAP+WmT/  
ANNFoAOBtWMj/ZOKHsAhG05IIX6HNHm4PE4PqHpIBCxORtRj6qeabgDqsi+6  
mmOweZkf64j/AHI4/OkOT1WJ/r3pX1AZgE8Run+6eKM7R/rJBn+9zQ+wBh2J  
w0b/AFOKaVA6wge6/wBKRWqGkhf4pFX0P8AOjzCwxJQ/oD0FJXAQhsZKK3q  
VNIQq5AR1HcZzTTG0Ju7LIVH0/nQxcjOY27c/wCFDsKxGVz1T/vk/wA6adoY  
Y3ggdM8CkwGbstxLx9aQ7j/dI7joaEO7lMxjPI7f60wFVZSWYc88ZqiTDJMc  
hYfIU+dxGDz3xXM423OzUaeT8oOP5Uo4qtw8kGec8H6UzGVAHWo0uNXFiDKw  
kC7IHBWlnGZcntxx1rS915k31GjgdCcd8c0o4BI79M0n5lbgBkdOfaq8o2Sq  
Vztcd/ao21RcJa6hwQwOPcU1IDsVcfKwxzQ73uEviuc/YuLTWlmkJADICp96  
257eVL4K43DccEetehT+FNnHK0ZNIwn5z5ec9MCI8v5f3hyMYwKznK6M4Qtq  
PZ1WM7QFK8jA4qtZzCe2jZvfx8Zrnab1R0LTcZYybprk7uA4wenbmreR2P  
X8CKnW6RSt1HTANbBucdvasfWE83R51GSQu4euRzXYtY2OOVILUdYyC40y3P  
+zyKur2DcCuN+9od2yujH8RoA8EwXggg8VQhcLCrZ+62QPxrWKSrsyumztx+  
8RTnOQP1qog2oQTnGc8dashaOxPDyjL12nPvVdAGmlUgbc5/+tQnoUtWU9WH  
I3EMvZlWt6cVFYyxQTw/mY2iU7mx04qWrtBC/OW9QhNraXZluFla5l3eUOi+  
hFYwkZcKoztl/n1ocW3dnVQWjsXtTmWVVi8eN56Z78VmAhYyRnB5Bp21NldDH  
fMTY64/rUMbP5sR25USDP0pwiubQxqTaO1muVltYVQbQPbkipbG0nu5vLiGD  
1JPanUSbMNLXLeIKiXUsbpvli/hz1NRI6FtqbmUEI3UKORx1BqFZ6mcrvQgu  
pkuL0GLIRhtGepNPEDLInmEDccYz1pvQcVoR+IrSFdPV48iVTwSfpUF1dCWz  
gDDOTkjp3rRSujJu7Kurqs1mwi4fqB71lzWbXMdvCpywJ35OABjrWcny6nRS  
97c07XT3JjiDqXTADHjNWNNU09rUNJkSjnlGdwTWCiKa5gcktEZsDAxy5Plx  
71eDEBS/3u/FbR13MZ3QrHPDYyD+dLxjNWSvMUtkgL0FNyFsVN7bha+ovOe  
c4FLnjgY9Ce9J7iuJkE4J4l6U/Kg8emKrUd0w6qOefTsKBz1PFG2w7DixHA/  
+tS5GAMDntUu6HdF7Ts/2nYkEY84cGvYH+8al7hLZDaKsgKKAPLPHzf8VwVO  
f+PZfy5rC34Jzj8KNx7BnlyfWnK5BOHIJ96mw7oetxKhOGY0/wC1u3Lojfyq  
XHQBvayf622UnPp+tWLe6NuALW+u7b/AGYp2UflmhJoTtl0oPEotwgLDrBk  
Udpokf8AXGavw+MtaTHmw2FyB6K0bH9SP0p81txOLWxdh8e4b/TNFmQd/InW  
Q/kdtXofHWguo8+S6tj6S27E/wDjoNVdMXvdi9beKvD9wf3WqQ/Rsp/MVZnv  
LOaD9xfwsD0Kyqf602HMjJ1oj7JMxOQE69a8mjyEHGQSTn05rmnudIF+6xJS  
PTJ/PFV0Uu3H3e5zj8KjVo3cmrJE4QAnA+U8DHegLjpgnvnrQrysNNXsVZsl  
+ep9un/16FJLAA9sVv7qZLJH6HHPeoo88jHXqSMVjJWeg4vUdgDBxnHSnuf7  
3r+FOUVpZFXbGBI34fv796dtjZCqyEA1rGyRIJu5GSRKu08L+op7SEAdj1qX  
7zsjRWSC3AnuYEKkh5AMYzxcda9SnsrZkWJo0wFAOVGK1pw01OLETcXYyrvw  
zaT/AOrcRHuQNuRVSTwoqnMU23B4zyDSdFdBRxD2Zl3Hh28iYIP3gPTjH5VW  
/s6+jPz28gUdcCs5RmrWN1OEyrlZomKurljsQRUZ2vJul56HsDT5nbY0ikhq  
xqeScEDJHr/9eIMELHcrYP0rNWSsxybuN+yg9GGOOopGieNGzkr1OBVt82iWh  
PPfcskkbQxHTimMMkc47H1rLQuL2HcEjlyP5VXgYHcc554PY/wD16cH72omr

sIBAb02nnHrU9kQLkMecKetbW6smTSLizFnUKuff0oljw2QR1rPQSTREWyOx  
xzzWY7BpHbhs9+p+tVGN7BdoUZCg4PU9e4qeyQtdqM/LkHIGaeilYibfKdOF  
V16QyAnBxxVjaVHyrNH7qcitG9TIHBi/AkUn/aSrEUY7xLnuY2pAW1fA5kkX  
/eXlp3zOeDEw/wC+aLdwF2YBzHIAOpjORR5nbcfbetlAzkfcRh6g4pM7egkT  
6NxTQCeZkD96D/vjFlefvIrf7hobC1gD7ecyIPrSiQDH7xGPYOUkBJT82CYI  
OOm1qaSB1MqY/wBnNMQu/d/y0Vh/tikK55MQOf7jc0r9h+o04BwRKh/3aTd6  
TD/gQpMQFd33o4ye204pCoAyUIT/AHaYCbsfdlwfQihgzD+Aj64oVwY0rj70  
ZGOBtPSkyB0dh/vdKYaiAkngoT9KRIP8Ua59VPJoHYjO3H/LRfcdKaSAMCQ/  
8CFCENIbOAVOfSmleOEOfY0XAY3HI3L7n/ComOcfOCfensO6ZjsoZgPfmngn  
knvzXNudV9BcE9Off1pf4c59qHoPoNAwTgjI5lqMjDYHc9apaBsTowjj28g9  
80zPXHPtS3JtdiDOPIJHb3pOc8HFJvXQaYhyRgn9ajmUEEdx0p3tohx92VyJ  
CSA00OCTSk7Qe/65p8zvqaVDntTjMWpPgAnhwe+OK6UuJ0imU8SIGx2rsp7H  
m11ckiGAw4PPapGY569uT61zTV5G0fhlzknnp3+IYu+SAvFyF3ZAHpShvqU7  
2sXtLjuPsDztCRGWALDv7/SrX8OR39aqcOVIK2zLCfvLaSMjIwCKzZVEsLoe  
rKa3p6rQ5atlKxn6CxNo0JOTGxH61rrjaWOAB0rhk3GVzuT90zteTdp+8DhG  
zz296w4SypKMZGNxH07fjW8NVqc7XvaHa2j7tOhbndjBINMkXdK49cGqWhK3  
uyO4m8iWJy2RlwQnGOamlwl16Erz+FDTexV1e6KmsLutImUcJJ/OskEnfwOg  
PvVMcLKY1512jkkAYBJ/SoWcgcAHPak/e0O6O10Ejk7OeMjPf8qj3gyHDFLn  
8Klq1hyqJMVoS8bgH5ifxFLLT7i5jkNrGWjixvIOMVqlaNzIck5XZ1PhuSM  
6dJII1aQts+b+HrRp1/DbXM8U5KRk5Vs85rJvUyerepT+1Nc3rvBIX9VPJFO  
ihb+0FhnfYroWy1NuzsirJasl1CKO2ktjAzEIsMT3FXrpyVQjkqetTrfUi9y  
prchewbjOfx6+tY5fdalznCrzzWsXoTGLkyUB7pkjjAyeM+ISrAYYLhiysVw  
HI5wPrWNVNrQ6NILI6lzRg72jzdFBGc9xVrU2V9Lml6KBj5uKilfilManxaHL  
WjFIIB5OwEH1NaSHKD1raOi1Jd3qOfAXgZ/DmnA560a9SNBBg45wfY4pcdjn  
NKV+hSsJjA+bB/maUHjPP09KtrS5LsL0GMd6AewBwT61Kdw0HIwB579qDyPa  
nfUbEwPbNPyMY569u1TdsaSRdsztvLY5wPNX+dexP96pg/eaKlshuDRWpmFF  
AHIfxBH/ABXB45+yqf51z2SMY7eg60XK0sPz8vf8DRnl9WpaisHynnNJU6A5  
z7UavRhsB5IBp2QTk4JNDs9AvYGI+XtSg9xu+vSi1gvdaj/McHh/wp3nPnj5  
h9aSjYfMRbgzHKle33arXbbIj5WU46qcdxS1T1G7NWPQ7gGPwpCFJOYskscK  
815wh/0dTisXJX1OqitGMnU7do6/TtTY0CgcH86nmvFo2cb7EmcgZ4x04pM4  
Gc85x9KhJdTyrT483OfIbX/9emqMHJwM47d62jJPRksWQDymI6bgM/zpmpfmB  
J5HAocmmyY2uScM2VPHbmmnlU9PYGkm3Y3srEe4GbDA5xnpTIGeAcU0uV6Ga  
Wlx0plkH4ZNIeSQeopXW4dL2LOgoZPEWmxDkbyzY9MV6ZfSMkc7oxVgCQw7G  
uynGyPNxEvfK0FzK1zHCcyl6BvNpc46VNhdAwySOm2JOpPPT0960cTnu0yQX  
UbbMMWmGyox2p5ZSMYQ+wqXGw1PU5fxn5UUNp5SKJJGO5u+Oa5gPGc5UgdiO  
1clVcrvE9Ghe2oAwFgfMwWGAKmMQ6Bh2J9c1k7y3NroDAw6fMPSkZJV46Dvz  
2pyVn7onbqDqQhHVu1Rso3DB/H3rNSUXqVvqhJXAVyeMdPSmR5WHCjqPzq4X  
eomyXjkHnnJqS1yXZs8YAPatLWWpDTsXohtXoM+1SE7hg1DAq3CiMMeMH0rN  
UHaCGHTvVRvYfQVucEDHHQetaOiruvGLbgFH3IGapLXQzm7KxvM291BMb5PQ  
gqcVOFAHETIP+mb9v8a1aOVEisSAGI6dpV4qzEqnB8uJj6q2DSAsqwB5MqfQ  
bqTcrMRuic+jcUAtRdhX5gjqB3jk6UvmEceaSPRxxmhgMLB+ipJ/unBpM7RnE  
y/7pzSAPMOF9ap/31pNuf+WUf/AWxmKOWbiB1IT2PIpA5JwHR/qMUJsLJAcA  
5MeT32tS78HiR092Xj86TAaXZv44nP8AtGkwB/yy2n+9Gxq9BITcF6vIn+90  
/Cl3Mw4McnP8RxsDYTAJ5hA917U3KKfvSIffmncBQQR8sisPcYNJ5bE5KKR/  
smgNwxt4PmJjv2pNxJ4kDHsGFStWNhh2+9HG304pnGD+7Kj1FNiGliBxK3p8  
wpjZPUo30FCtuMYVODuQn02n+IMOD1Lj2p7iY3dzw/0BGKjPOSQrfWhBqZCj  
Hbk8UuANoP6VzK99Dse48cD6Gkl+IG+oaje+R0pNoZgeKaTTBink+tBH1HOK  
TEnYacnGDyadjceQBVJoLdRGGPm4xUZ5Q5/QVomzKV2yuDtlKn7p4X8u9OyS



AcYA6e9NtWujSfw3MjXotrRTLzxsP/16vaNIJdlhDZHlfJzXXQknHQ4a1i+m  
0TYDHJH61MF3DpgL3rKruENBUhzbTXLjEcYwR3J+npWRb7HjkkadhkjBz6Uop  
rcrmb0RpaVqrrZR2d3GkltjYWA5A9aJITbu0W7cAcK394etVNvqCXvEIs/7x  
IJGCM1RkRxcqoOI88+1XSdkRUtzcNKAI129gydrfPg9+O3vWv0Ix096yrL3j  
ak7xTZBqieZpVvYBxhM/gDXMWRZmjz91k4+vWikupLV5HXaESdGTJzjjHf61P  
ISJ056g1qmmS2IKxS17I0Inj4MRDg+nIz+ITLOLiC1uhg556dO1FtBN62RFq  
k0S2Txs2D1GOpNZKsHWQjrt6UdCqafMUyTtHHyKZHpTIYIGAyTgYHvUtdDsu  
0WIIN0imUYjTBcjB2P0oMRBVfL5ZjlxkZ6+9axXu6mVR3emxrzaJ5GlteG  
cCdQGWMHqAam0e+gXQ5HMogIRiZEz98ZwDRK5yyd07GfZPOEcwsyh/7veplI  
pXuWjlBUoMnNTKKWppFaDo5v7P1+FAS0Tx5Of71SX96Y9TgO7hIYZI7cGpW4  
tNGx+pXodbcKfm35yPrWhdTgJgHGGG0U2la44q6lp/NvXMNRGzkYJwOKrafG  
kt4kc2SI87IAz+FZxZtH3ENSdbLVC4T5ATlc9Mimwy+cLoJnDYyPXnrRVj7t  
xK795I2xJEBiQHg9ewB7U7xBcrFpwhVgXkOdnUVFKzjc5q0rM52ycfaGRSSA  
hBHpWrGxCLkDgY+tWI5k3ZKuSQO/Y0BsjjvVJaiVluAAC+uKcM49vWne+47W  
VwyCT7UnQHIIJl6d6WgXdhckYx29fSI43g8596PQNnqKDyaOp9CKTfUe4ucnk  
gelOU9utTfuC0LNq2LiDoQJF6c969nfnH0pQ+JIT2Q3HtSVsZhRQB5T8Rsnx  
xGAf+XXmuf3Angc880nqD0Qqnnv6GIX5S2fz7Ch7WFsB6nK9+nElOeDwAP1o  
urFjcdhS5J4PBIXRoHzHMTgY5A6c0Kxz8vX1Bo+InUQEsD7diKf06HrxT20D  
rcFbkEcGqV4CwZcjM/mKmeiuyoe89D0XVGK+F417iH0wa8+VR5YGQQOK55J  
XOUk7IhfGcA85PI703eFznkjh+FRu0bj8/Lnt6imjHOR09aGk2BVIPzgZ49  
KUY3qM5xya1jsQ43dxsn3SxJXLk01SCvGN1Tvqxx0HoVJGOVxzzx7UNgnnpS  
1UkapvqQFsTfmpFwWGM5Jyavm3lvfYdu/ek4zgdffemsMMQMIssDNS0u4JO2h  
r+CIM3jCP5QRFE55HavQJl3gr5ZlQ9R6fjXbGyieZiP4hFKS0kLbTH5Wdox  
nPFR+TE0AiZ2WPduPGM8+taGN9Rwiwp8vLP0V1YYK+hpbSJoowrj5uSfSk2w  
tfY5XxINv1aC1cCOIk/j0/rWAFynJ6k1wV2+ZHpUU1FEUal7pFIJ+UnOMjNX  
SASCGIlnHenFJ6Gk/INzovb86FId2EbN0xRLbQzVnqTSAAdO/wDWOGBHUbJW  
PLdamsX0lbr/AFDY6dM4zTt2QOMDGPPerfF2Jk0mPPXnOPap4CFR2Ock84p3t  
uJ9iXzQpUbu/BBxTvtAAH9al36By9yO8mSS2KoSWJ9Ko4BLZlq0m0iktNAGd  
xJzz6c1saDEdryEMcjrGa0jJc3KYV7ptA5cZfJH/PRKkChsklje8bVocySJ  
RkEAtID6Ouc1MoVuqxMf++aNwZZAZR0IQeoOc0gYEEY3oR6yLj9aTBdxSpzny  
1Ppsf+INLbeCZFP+0uRRoU9Ru7f2if8AHbSEADIZFH+zzzStYkTf28wn2kXF  
GM9Vvh/st/nijToAZKjCmRR7jlo8wtXIH9cjFKw7hjl5iAH+wf50BiuAZGX/  
AHhVAg3bjwlm/Sk2EDljKgd0NTfuDE346SSD2daMbv4YW9+INiEKZ5MZH+41  
JvGcCRIPoy5/WhDHHLf88if9rim7V6+Xj8eKVwsAcLwJGHtjlpdxPG5X+o5p  
+QDSucZh56fKaaxA5DSLj9KYtRC3P31JPqKjdnzDKB8eh/IS2AaQBnAZf500  
kH/loR9RQBGWznAQ/wC1UTgr1UfnVDSMkYGMdaenzH37e1cqudVu48jllwRT  
H+7g96dnvcL9B3nblGj2qcnOSKaq4jBPfoapvqwt2E27WB7e1KePp+tS9glN  
zjd/DjkmpIHWRTg5A7npSiurHuhrc4NRNkDnOBT0u7jSI3AwGIP+FKPmADH  
gdKIXjexrvEp6tF5tkTgkin0qp4bl4ul3YfMQygeoFdeHaadjirbWNkHEitw  
MH8asojvll0XLHoMzX605r3tSKT0sat/EY9FkhjUOQmTgfMfeulhwYQeQhOM  
nr1pNdSoPqQuGNQgCYwB61Yt5zcxrbDd0secODn5R2NK/NoW9FckjO2ZTgem  
McUXSILhj6jJHpxTpO7aMqr2ZiSn7P4mt5ABiWMhm7VqnlYk5z3BqKt0zaj7  
0NB+wSRsrcDGCRXHRZhuAMgYbbnHT0qKUK3YUlys6nw+4a2lj7hiAf1NXpfm  
jV+QAQRnitlZGc5c0rIDVpg2n3EKEHcvAqip0rf2UsYJAQna3t6U3qibWepR  
IJMpYkux6EninL/qSU79zSvcldz1CGJGQGdtoHC7e9WtPspZ5glv83mMRuP  
8PHX6VvTgkrs2qTT0Li2xstejtLwgB327uzLjNaPinc1tAJIRBlspERBzx6m  
p1bOeT2Kt9rEV5ppCwMl2yeW5P8ADjuKy7G0ecMyDOfIGfWqeisVGNm7I3Rz  
5lljP8DbQM8VZMmzWmGf9ZHjHfjvWPUcdyrrZHnWk2BneR+H/wBeodRjWW6g

QKyusQCeoGM1OhUVdlZdmPzkPmLuX5h7etbdlYS30MI0ZPLXb8p7EjtVPVan  
Ryxpw5ifw9dLAs0TyiKU8qzDt3GfWs+4mK6i88BlbfuyO5xU2MbJ1NdiDO69  
Vpxu3dfemajlLK4g8rgOSGx34omk0xyb+FHWeCFjksrprgp+9fA39gK8/u7s  
PqN4GY/u53QfTPFFOF6em5zzlerYTTps3/IGNhH1roYc+SMcnoPWpUEmLpcf  
1lwc/hSgA9Mge9W9BflAueD1p3UDLEVLd9h9NRDwe1Kev3jjP504u6ulBzgh  
8fpQM5BAGKB2Hd/f0FLyPYGjToEbX1DoeMY7inAgc4/Kpashpak0DYmi9QwJ  
969mV1ZEKnjHpSj8RU3eKHcexNH1FamQYpMc9KAPKviMD/wmsbD/AJ98fXiu  
dLDA4pblXsri55O057fWI4xg4IHpT8yQB3HOcAnrSA554AA5z2o0uEU+oeuD  
9KPTuO9LmWwa7ofkck9PX3pAeSM4loSsNMVQcYanqcg8EkUahcUKWkXAJ681  
QueXPPQgnHfFNu6KWjujvfEblfCisOB5OMZ5rshfloVup71xTI71jtpK8SDa  
VIPU555pCFPXOB/OI6Gr8hQCMY59qM/LzwQeexpRWmoN2VyqwG4gg465pQOS  
c9Oma3Wr1IV92Mf5IUc8kn6ULgqcnn271E3oKylsKrYGCbX0qaOJJDhnAPbn  
rQparQ1aaWjA2gbGJAPbFR/ZHXleR9aucdVYyTstRgBjkAlGc9sfrQSw3kHL  
BvmNTdrdFN3Wh0Xw6jLaveycYWJRk+p7Gu5Y+2D6V2Q1ijzq/wAbKI9BPMYR  
BJtAbLnPUelML3sZyAwUvjkZwta3sc6Q9W3XDxsoIBwCvFWFVlftCuf4sZ/  
Gk3cdrOx574in8zXb6QHOzCD6Y/+vVEDEYYcniuOolLU9Kmm0h1sCsrEjAbj  
OPSnoMqexzkfSs3Z6lt2uhjEk9aktwPNBJwF/nTlqibWZO/Ax1x+VRTYLFic  
cc/jWaTeppGWupWnGSqdTkD6+9WBgqOBkVUdY6CkruwxTlmwOe1TrEfJUp+O  
aezJbWzHeSQPmJ/rSNCXzngdqG1LoNNNDLiMlq4Od3fpmoQcA8DrQtNGNXEJ  
H5V0WiRbbBTsVi3o+CParhC0rnPWelJRQtuYN5qjoN4DCnYVmHELn2+U1sc5  
KoK/89FH+yd1WFdT1KN/vpijdDH4A5CFB2ZGzS7gerIR23DipvYNWG0HokZ9  
0cg0hbaMbnX/AMe/KmPQbvDHBMTj0YbaUYA5VgO3lvRuCGlwMbpQo9HWIK7j  
92Ns91brSQgyyj/loo9hmkLhuN6t/vjFMBdueSmPXa2TSA6uyj0YVPUAJDj  
BMTD34pduOTHIPdGBFMLibznCyED0K5FGAwPyRt6nijfcLCBQB91x7gZoL8D  
MxP+/wAAUnoAhG7GVjY+oPNG3A5R1HqtMTQocdpOfRI4pME9QrenOKEmO4EY  
6o6+4pm75hhj77hQ7CGkkjy2HqTim7ch/VbT1G00hjc4yMup9MZpu4k/eU+  
x4ouJXl3HHKL9arTAAchuvaqHqZUuBGpTJPU1OvHUjn9a50+51binlPHP1pn  
vgZ+tT1u2N6jB85UEZ5qZx1x0rSSuQ9BmB2B+maCONr6ioaVrFXEIG6AqSMH  
jB6GooQEU4z9cYp3ZSFzwdxyPaoyMc5paJsd7CkBlOF/OoEGFlz0/M1Ssi4M  
fOnmWpjBlBggf4Vz2jOYdSjJbG7KHjr2rek+V6HHVU9Do3Xnpgg1u6Nbj7N9  
pkHztwgz2reepz0nZMvoSbgR8FiCTjtxXAKQt3cKcAeYRispK+hrSdmlZHPy  
QlmPb1NWbffdNEEIDbvXHPep5WtGa8ysXpJBJKXVSNx+6fWnXw/1b9mx0Pen  
Tdpswqp+zRga7IPsc65BjmwSPQ9q1WYUuN3cnt0pYjSxph5XjYnDchQOJODXH  
3y+RfyxjDbX7+uM1nTSuVO99Tf8AD8gL3APlbaRx3xitacE28iE854PpWI0Z  
SVtUV/Jiigfy1LsYyGJ6k1mWkSw2KA4I2fmTVO4JvqUo7ctOly4A6Bu351O6  
Sx2bStGwtwdu4KfzNaRik9TRKzubmk6daSRNcXuWhYhVAwBk+9V7OSPScnt  
7kE2/wBwOOdol4NFldpETk72WxX1aaGe7HIOWKcBz1PHWop1vLmEyuS5ijJG  
48gU/hCPLJalvToIDbRXDjLMucdjUenkRFXwnJUOCB9eaxbb3LIJ3a6DINse  
qXKg4BAYdu1E7H+1rd88bCGYfzp30JV7qw2+njkeJe0b7iM+3Wq0v2mVXn2H  
y1OQ4HT6+1RLRaHbShyrU19OsR557iNpHlJVGX+HFR6Nq621kYJ083axM  
ZHQetEVdXFLmqNxlodsJlDIC7k8dxU9wgtLu2JbAJlbnqcU7voRJ9CprtyLf  
blqjPqKpaqxazWZjlxg59Oabtyma5tGdx4WSNfDkdzcHYckIT1HPf3rgldHn  
lllkdwvmSMck9tx5qE3GmrEWTqSuUrQmLVQhbAV8ZP07V1ltzGdoP+FV1ldo  
omwxUEHn0pTkg7TnPr3qroFfcRmyewNJuPcUraE36jumMjntS8NjHY81BXQM  
gg59cigHGM9egpXaJv0FwV7jPpRu4HAX9a0tfULijG7nj0p2cjl+Wpe5W6J  
EP3eerDP0zXr8UpeGJmLjKA89KhaTG/gROrDAX0+IPVucDk9+K2Mx3WIA56Y  
oA8o+//ACObEnAt+3QfWudXoecGpvuW46lco7gCkl29OAP1oja5L2FIGMc  
03PALL19ulC1E3bQUAj5f1o6Yz9MCnzXG9NB27AI4/woGCxDDn2osD0YpJIH

ryBTI4wW/SjzB6seuQwlbOfXtWfclvM3A9GHtkcU76DS1udr4nYf8lygA2gx  
j8Oa47IWDd6DJ45rjaTkehSuoFYnLqzdzSrhiSww1Tpe5cmlWVWbnJ4xTcM  
Sd33s9O1aRlbcncgc/NjOB+tSIAE5zitLX1JUmtCM9QQeg4B70wHccLnjNZO  
KnJtI6D8nkkCnAgEkd/SjTdDV2iQSQv4Pv1p+5j/F+RpNO9wur6jXG4h2PJ  
4zTYsJL8wyM0J3lvcUr7I63wCq41GdFlywjyOB0rqSOmSPz4rvVktDy6rvNI  
GRJPPuHt1DyFRtYcgH0pBc3MciBIYx7Mu7jkt/dFaaPcx3ZJa3TTFw0QTB6h  
ePx9am3BcucAKpJ3VL8ikujPLZpxczyqctLK3XpjOKmIKIRxnGa4ZySep6s  
VZISP+IEkn0HTFSKQRkfhSIHsJsjY5IXPIHNSWv3n6cnPNLVRtYptEzYJxnj  
Oc5qNsHoKyTIF+QaFeRsSLg8jOPzqTcQScH2FaQ2uhMau4jcRz6d6uxsAoGc  
YFVKz1RK7MljwTz3qUqQMc4AzQ/h1FsyhfUWmA6gDJA7H1qsThPmx70R1ZpF  
6ClegPThPvXWWSCO0iQrCfl6NITW69056+xZi+VeFkXPdDuGKf5gIHqzw7iR  
MUznHoFP3Y2z/wBMXp+/bwzt9JE/rRqAuVPOyM+8b4P5U4yDH35F+vzUDQuQ  
wHEbH1PBpcsOgdR/snNSwGmQEfMykf7a4NAzjiNSPUNyaLh0F8wDje6ezgEU  
cHjETD2OM02tBrQXJX+F09dpyPxpDIT/AMtUc/7S4oSsJigZ5EWFqxtQWK/x  
unsy5Ao6iFyGOcxOP9odfxoK45Mew/7DcUeYAHAGBKf+Br1oKg4yEP04/OhP  
UbE2kHkyr/umjeTwJF/4EKLAGCekcbe6mkAA/vg+mc0ndMExdwPRvzGKNv8A  
sL7leKq4uohAXs600sTj51Ppx0pbj3GN7qh/3eKZt2qOHH0NCQxrH/prj2bp  
TWyQcBG98Y/WgREwP9wj3BqndE4WNWYOxwARVKwlzEYtErEE44PtVISNh44P  
GOlc0l1R0p2AnJ5z+NMPIOOw6UnHTUE7Cxr37VJ6j8aJANYnGep9+tKpyCB+  
VHKxq1tRjDkBVummICFPueKF5DGnIPvSD7vSiSutR3A4K+9V5/InSQEbcYIH  
Sly6lwaiyUtIQRwAOgrmLxTa6nvzwrBhgdMVvBu5jUR07MrEMXGWAlrpdLkD  
6TCXBxGNpwO47V1NprQ4IF3uUY7trPWpJJQPKnTucYwK4yaRnmdgMlpOMd8m  
sb+9Y2hoaZsflY0bnfgh2yP6VCskb3jCSMflNwB9T3FNO7Klcs2++KNVfLN9  
eayYaxBPJVvyqlu0xVF7ph68hbSp3wdyfP7/WrVm3m2EDc4IPPrWldXsTh7  
alhnwWxk7R+dc5r8fl6puPV0GVH0/nXPGVpWNJ2RZ8PzZnwjH7mGHcV0s+RI  
qnqev0rWzTszOTuU7658pQoGVkHB7VQjjuZlrSJTmQIV9gK3UUIldjiu5Nqe  
mNpFxGHnWaORTkqOjDBwa6RmB0EJG12sTB97dyDn+eal7alTndHNaNqkmpnL  
CYvMhb/lm3Y+oqud13fr5jNulBxn0FX8O6FHWWVyxfafHb6eJi5aZZOef4a01  
kDRorAfMuMYqJS5ivdasjN0s7bJouf3chHXnqaisXL3d2uPkDD5vSo13BJSe  
43eq6tKW+6UBJ+magln866QkLkZCepqW11OuFNqxcvdL8jRxd+Zum4LR+gNa  
0E8SeFSInTyWQq6EfMWz0oitBVKnMrLuYNhe3cF19jgP7hXg56g55qK3ZYr/  
AMmZflAx+NTzboubUNt2SaoTb3kEseQncA9+Km1qU/Z0wW3K4I4q76GS1syP  
UYZLizUgfOOvPHNWrHT2KQmQAHP4T0rFvIW47rlszavZTLE0joFiQbyqnCnF  
YOrzypkssJ2ggFQvpmqXNp2OaTWyOZhilSSKU8/Nkn15611tkxMRYsPm5Ps  
a1em5L0RaxxknA9uSPpQDyDkdeKm99QVg6Z5Ge1lwwuO/P409Begu7B7Z/OI  
U7m6jpiNjPLUE7uwuQBn8KTg8nAAoV97DaQuccZol5J6nFCCyFyNwx09fShT  
hRntxgdKT2BWJF7DPcfzr1e2IBtoQccIPrWf2jSS91FhXJI5I/GphJ/eOB67  
cVqmZDxlB97gevSpFdcglgfTniqEeV/EjjxhEf70OPY8CubUjccYwTzWcdbl  
taleme2AfQ9KAchKc/zq9GGiWgKxlz0P0oPPBNEdCdHuC5zzjpTu49D69qTs  
xoQg5xjkd+opVY7cnrmmTcU5ByAD705QPbH65pu3QQ4EgdOfaqNyxDtk9xjH  
XqKiS7Ij6nXeJjnW/DHzuKgfqK5ZwpXBypHTmuZtJnfS+EqykBlwPwqPjf5A  
xLn07VPLbUtyHBcA5GOMY9KdhcE87sYJzsS5tPdBLqVs/vDz359qcpypPUjr  
mtlvQGiObKheP4eM03p0OT196lqS3BJDj84YdxyKaWwcA88cipcWnZB6EqKj  
qG3YJPU0hUxrw+cjt3rfl0uZqWtmBkliUkjl6fnTVny2H+9nmsowV2ym2d34  
CQf8I9LJniSYnH07V0DAFSORwen9a7oqyPMqfGyiiSQ2ixRRsJQfmZO4zTjc  
XWSXO1Ac/MvOPSR0M7X1CG4abc5iEaJ3/vVdQ0/2fRrqYddmBmplZlqKbZwR  
tYItT5SgMo4PvmmneCBjt0xXA9WelG7epIkJRBkVE0bAdSCaqOo3qNAKttly  
fXHerVsMRk/wk0nqN2Q4nc3OSajY7UIPaldRQ9Crm/SgT2HOOgNTKwB47nqa



qLuiJNN6DIPIHJ/pVkjZKRx9KNEhJ2diRCcckZ7cUpkVc72GP6VEb6jdig7b  
pt2eaaRnPQZOfpVJ21Rfwi2i+bJGoHO7OO9dgFZVAYsB0+Zc10ROWtpZMUAD  
ICgnvtbBp+ducs49coDRsZXAHTg4jPupKmnfvEyP3i/XnFAhNxY5liJ9wVNS  
Btv8MgH+xhhSKXYQuo4DK3++vNO6gHbgf9M3zQ2KwGQ95G/7aJmlBB7I59VO  
DUgLvKnkyJ6ZGaAQx4aNx/tDaarpqFhQMYwkijuVbNKZP779P764NJhcQLu5  
2ox77WwRTt2B95wB7ZoATduPG1vduKAAp6Ff91ulO4DvMx/y0l/3lpvDHkl4  
+uKEIcAB2IX12t/WjzOMbwwP95ead7jQbR/zzUj/AGTRjH99B/sjOaPUQuC/  
xq3+9xRt6ERxn3Q1KsFhpAU9XX0yM03kgjcrD3FO41oMZDkZjU+6nFNPTJMi  
nsaVwG5B/jU/7wxmo2XOP3ade3SmDlPAB1DA+3NZI5OqSht/MfPPvQmVCN2Z  
umTecm5h83+c1eYkY/wrKaktjbdh7jIPp2ppbB4pL+VI21Jyo4XOB3pB7+vH  
pihroJjcluPejlxkDihXSDdDSe3BHWmsOeAM1CigGt1YZGRxzTWyBg9TzVXS  
epTGE4ZSeCTIvelZN6EnrSs3qCViO3YtEd3UdR796x9ejInVI/5aKSe3NXHV  
2RVZK5e09kubS3mDEmNcHuK6PR5SYHtc8M2/k9a7rWR517yaK/iYETlui7QB  
jsK5Sjd11EpbB35OT0+n+FYNa6GkPeOhZgSTyOKrGGNpSrqpz9096ztZ6s1V  
x0IIUZPK8ZNW0UNbSIDnjdyKqD964qvwmbKoms5EPRIOQT1qj4fcjR2VusLk  
Hvjk1vWfu3McN1uasGDhSPf61ieKYvKeCYA8gqSfwxXHT1nqb1kuXQq6HJtv  
AQcDPzGta41CUSKqnaRwT1rrjrLUycW1oamgfYbmye5v180RybPLxnHX5jWf  
HMuk68km13iVs7WHIQR9actXqGt7E+s3tvIEsyYyQkl3Zzk5/pVCFLgwtHG  
z+WfmX/CTVXS0BL3dRNGaKS8aKdvlzgzPIbGcVr3sCRzW0sagGJipH1rOeru  
K9ht6PO065H8WzpUdrKHtIHx/D+VT10BbMo2sgINzkja0gyfeolSyC4C8s8g  
K46t9ablGzR1UqbauS39jc6YYHv04IB2sO31rS1u1htdJihij2zrhlmI5yet  
QlrqXOq3axXvNUW50cRLHi4A2PjJOQDxWdal11E3I5C9yePxpWW5cVyJ3JtL  
laO+ulZVvyF+ZCai1NW/tiOWP5i+OKzcUZp3ndlnU7Sa4t1aAlGyP6VY+zC4  
gVZQcEfMTxTltbqJOyLyLFGHlXeFHRAoy31xJZrOQYIQxXb34PepjHXUyk+Z  
slutVXyIrOA8SpkEjlx71VMcn2ERscuq4x610zsonPCL1M2CLKguoJK9OwrW  
01v3TANnHTPesFJydjaSSiWiSOcH6CIHJ7DvWuhklqL2zS5wcHrUrXcctxC2  
OVOfbtRkHocJ6e1NJieorY4xikU4Dc8Dk1WtguOzyPf060MCOc4zULzKvoLk  
E5zRu6A+vpS5eg0+44Ec46jGK7+yvh9niwwGFAXnk1ILRlBmhHdr3IP45q0t  
ymchwD254qllholW5wRkjPpU6zc9j6DvVqRNjzP4jkn4rhPCnyDwR7CucUZB  
LAc9T71MG7stpWVxQdyjHr1pyj5sknbWvLYh+Qikg88888U5sbeeOaVkmCAC  
AkgfX0oZu4OB+VMB4OcEn64oX1x+FEloGiAjrwM04DJGe/6Ura6iHjruGM/z  
rOnx53Qkbs8USV0Nbo6vxK5OKWwOclec965yQ4XBKsPp1rkkIjnfTXulJ1LN  
8vv+FNiBSQ8846n0qrxcbFLV2JMjdjnk8ZH60mQoJAwT+tZRitka2sisCcZJ  
yT6Uv8HXiuiMbENjJiFcDtjqf5UhGAQMA+9TK6dyU7q4rYBwMbSc9elNm+X0  
+tLURXriw5EQ6knv7UrN0wPu+nanJasWg2XACKTKhefc9aryMVO8DsSM9jV0  
4qwnoj1DwfGI/CVnhch13EH+da5OD94/QHlrr16nIs+JsTJz0x/u00sWOTg0  
iSJ1jYFSOvXaeKwfF9wsWIRRH0Z5AOPalL4TSIrJHLCCeBdJBPSn8n8O1cWz  
1PQQu/cuS2adyQScDHTikpNDaTHBBuAP+TTcFYyAe/YUXuKOrAZUZ796gmcY  
xnAFS43ZotyvCGeRyCDg456571YPAG3AIOMd60tpYzdr6D4BvmVc89c9vxqZ  
iCSD9TT5Vy6C3dxd/OAc5PY02aPzYml+Y+9ZxunqPfUpqwAGDkUMOADy3HNa  
8quUvMuaYgkvkDdjya6IAR03D6NkH8K2TZx1visOPPYf99cUIQOVbH5p5b0X  
uRcCwPJYHno6c0oAOSBWP7j/ANKBdROc8tgdxlvFKBknaqt/uNg/ISvcY5ml  
+8zqMdGXNNG0nojHuAcGiweQpyOMuo/P8KQNnAJjY/kRQgWg4ZHIVwPUNKUu  
8ZILjjs6dPxpXuAo6ZK5/wBx+iHmMBjc6+mVyKpbBuBZWPSNj64wadu2jgOv  
uDml6huG9W/5aLlf9paUAYz5Y+qNqg2Ddt/jZQP7y8GI4I48tge3Q0rgkLgq  
OFYeytnFIHIXmTgdmFMELjcOFU59GxTgcDkyofbkUC6ilgcEsG/3lxQRkZMY  
PurUaDegm7Ax5jp6hulMjyOGjI96NGD2GMhzkxg56kNSEgcbnH60CI2OTgFG  
9AR1qNI4H7v/AL5P9KYLQhIOxeWZAO5Fc9ey+YdnUu/p+VFny2pq70K1o3kX

0iZwDhIrUY5bl5HpXO9Ek0bXe43PHJ6/pTowS2cfKOUapPqKxIGHpSkAnJUE  
/Sod77iG44JFAHHHPYVTd1oNdcADoElMyuc/NUb6D21G8E47etNOCcEnHsam  
9irdxso3MDnntUsiFQRjkda0eiAqP8lycYAbopEqOsgvakjqhH5d6lWKq8U  
w8Pyj7NPEuAqvxiuk0NwmpqHPyshGR616C2ueW3adhFWUxk7cJkcVyunlz6  
ipfkLkj8a55OxvCL3Rtgb157fnSSoNpwBnqMVi9dWy720lI5MsQeCeoq1ZuQ  
4U8AgAe9Ci3IH8JVPyTITgBWGaxdHbyr2+tgTu83ftPXHNdVW7p3Rz0GvaWZ  
txvgEggEdR0rM8SMZ7BcDjYcYrji7O7Oua5tEYmmTm3uDtOQ5wcjqPSu80W2  
trOxNXPb/anuH2qwG4IPQ12xehjJ2joZ1IPJo2p3y2sSPBMwx7YHSq1y73bh  
riTOWHX+En+labaihG7vlvjRoxC8czZYj6Vn2OqH7J9nxtZWKMPp7+9RzNrV  
lc6kmkZEkkkN9lyEBsbsV0EI95lvGxbiQDqOn1qHZiaurhdz7YJVOQCpB9ap  
RXJiskiA6DkUr2RpShzb7E+I6c2oTsiusMYG5nPbJ7UgCaXrQjnJlhjcEMBN  
IPf8KhXep1OajLkj2LPimaGS2iiuDP8+5iTwwkfzFZsr3I7aJHKWZlx8tEq  
ijkxNOaF5Eunxx3NqHbO5gVZQO9VdlJgkKhJzn5ceuOICYObldF1bKR9W+0  
hIVNuOfpV5bePerEZx7UNpmEpK1luSquMcsOc59aevPRep4qbdTNNtk6QiKJ  
vLAViO4yKwr6MSWV4ksm3YQ+c5yKtdkCnZsqvK0lnYy2yAIXKFiOQB6DtzWp  
5ewyBuhflHpmpk3dJD5PtMyywQsFPHOPrnmr2nYEZQDPTOBzUaRkzWe2hbW  
Sfl9aUHPXkZra6scvUAT3IHr9aXGCNw570mK9wwfm9enoKAoxxxT9BqyEOC6j  
AOaXPLE5o8g3AMe/ApwJOTnj680nuNK2gn8Rx34oJx+dFrDdhVYB8YJB4Nai  
Xbl2N2SAOIQ4667FX00LUeoOP4s46Yq5Fq7LzvOPeotcC9FrJAALc9x1q7Fq  
44DEAd8f/rpbA0cZ40nF14gjkU7gseMj14rEU4X5Tj09jWsLNaCfQeoGMDA9  
OKeOV4OPpTlCUUhC2Dk0EnoW49aqyJDP5UoAJBH0oVraBqLjApxJPQ4I9BQ3  
cF5iqvcEfhRyXxn60vIZIDk4qhOcysoJzxx260norlczovEMh+xWo6gAdOv  
1rCclFyOormdk2dsNlIXoxwR05B9KApVUZiDkZ+oqHGyLVk7iMTt4PGO9Nbi  
Mk89Mn09qauX0siuD83yr2xz1pQVCknuMmulOy0M27akOQ5zilY9cH2NY1He  
VkOnaaAtkgk8g9x1qKZsg7vb8qdODsU9NCeNhtwGHp9KOTyoPXHNHVsWjRHM  
SAQpyeAPpURUPvLH5SMEelaxbWtjOVnodPpfi2+sLC3tVhieKJdq5GDWtH42  
icYuLlpz/Acit4VYSdjhqYea1RqWev6ZeD5LhUbptfitIEONyOjf7pBrVx7H  
PaS+lJYkHg49jXEeMLsPqyWqgMloyeegJ/r1rGex00F7xgq3+kgYyMYyKmlD  
ihHqe1cTUXqj0NxFIYYiDe1WBNJjA4XuK1hFWvYzdk7D45iQue3IB7fX3qb  
K446fpWcrc2gox1InYbuD8uKruwxyRn9KSlqBR1G2mdjZHP8qIB+YbuvXP8A  
9aq0kzOW+hb0mDz7xlc4G3qO1bE+jb2zHOp9sVoo31MZVOWVim+k3SBvl3Y6  
Y6VVuI2g3F0Z03PHNS/d6GsZxkigo2oB/DjHHSgDYMeoqIPuJ3uamhoTcl9v  
Vc8DkGt8bRxlB9flrRWSOWo7yY/nOcsffcDSHbnJ2t79DQ0ZjsEgf6wD1zkU  
04P90n3G2mNdxQCpJUNyPrQSCcMEOP7yYodmP0FBGflUgDuDkUZUDlgR/trg  
1PkA3acZXJ/3WzilbPRm/CRAg7CQYoeEXH+y3NG87eS4/wB4ZAoSKE4JyPLJ  
9jg07JXnMifQ7hSAQyZGCUb6rgj8acOekbY7IHwPxqraC6gHBABk+gZc0Dlv  
uox9QccVPUY4Mw6+YB78ijeG6FWHuMH8aXUPQXHQ+W3/AAA5pfMI6yMMdmWn  
dEijDDOFb6HBNSD5eocfTmmNCqeP9aCe+4UuA38Kn6UloD1Gkn1cehnFNJJ  
6Mp+oxR5jGBOuEyT6GkYU4nHtihaksjySDnyyfcVGwAHK4z3VqrqF9CjqM3  
lWrtubn7oYcGufuP+PoKCOOKJPlidNBXuyK7xHNHcYxt4/A1pq+Y1zwSM1l  
XqNCFyFOfX0qZPkQY59c96hWb1HqxQ3HB5z6Uplzgn6UuotRTwO34UhHB2i  
m9HZD2GOcjHbvmd+o/Lg1LXQaYdfTIpoXIBOee2OaiNouxTv1FRMsTxgGnl  
QWOTwea06XFuQXC5A16gc8VWnTzLGVf4scY604mr1pmPoMu3UTG3CypgD017  
10ttl0NzHJjJDD2FehH4LM8qabncs+LZUlulo4mD4B3EHI6Vz2jE/b5EYYbH  
HoeKwdr3N6dzXHRs8c0vA46fXvWOjdu9SJoP3qyZ2gdV9ac86qpCDJH4V0U  
qfUwqVb+6jMuZpWuQmSysetU2/deLsjgzR5H1xzV1NlvyHCyaSNdsoxz16EV  
nasM2Mq5PTn3rgg05HXLU5uBsSoT1z+ldTpWq3thFLDEVMMvTd/AfUV6EeU5  
WnLRD4I3NwjXSuFm/j5wT61durZVh3li4DZIH1pSlqX8JZguxPZo6d+G3djm

uZC7dalCt8rtuC++KTVm0RHe5FqUeNSUA/M4zx24/SrrRs1oQSqtX7nr2qHZ  
M6lQ50RzyyNu3AICRu44xW7pVtay6Y9zPD5nmMYx6oB3NQ0r3OmfuwfKUdGv  
o7FZYLpWlGcbBs6gqT+IUtTvPOvfMYbF6BT14703Yys4y5iQ2JktnBPLLLcC  
rOnXPnWCLJ1HDYqet2OpPniR6XbzRJKpG0CTKnGCavW1jDCzOq/OTk55p6HO  
3ZuxZAGeOtKyHOOM9OKnRMhOxJFC7kZHy+ncVZWJUwKdkyWwldkRiMEdhXMW  
1mRqF0Lt8pKCBu9MZFPncdEOCu7sVJM6U6WYfPE4xxn61dXAU5JZiqTjPb1p  
Jm0tm2Y7tsuDH0UklSat6dl26Tk7h6UdSWvdRpYwe31NkoJJHA571WhkgGW7  
4pGA+n40alHsG7KjnqfWgsdvHPbpzSSTC4gyM5GePypR1GDkd6b1drhsrgDw  
SfyoDY42tnt707XDfUVSMHjGaN3y4xkVNGuNU45zyama5mDf6tGXt1FGvXYa  
V+thwvUzh7VIB7of61Mt1bk/6x4/Zl/rS5l2KtNPuWYzv/1dxE3opbbVry7t  
RkR7x/sHNLlaFdMwdT3nUf3wKkdj2GKrtnOB1Pf+tVFj5Wh3AbHlx39acF9C  
cZpt2V0RrYcR8pxg8Ug47ZNJoURMEntSnlh1BI71V0DuxTkngU7DbSQee9F  
klYnqKrcHgD3p45Gc/TigpajuhPGaoTkCZjuGc81EkmWm+ht66cR2qg4+T/O  
ayHGRxjNc00up10vhK28lxzWAOppcZUYPy9vejdami3uNPucY6460xyNgBPN  
NbFX7FUHCgZyfenkgQu4XLDax6itbaE7akEeFzgnHuelOJw3uvY96jRu4oKw  
/ptyODnOKeLVXX7+WPvTUXe9xTm1qhos5AmUYZhr3prQzKpymATmtHFR1FGS  
e5HK53ZTIm6kVGMICRwMj6mpTT1TKcbK46N8OAW5J6Y4qwpBQISGwaJXS0J6  
3JYRk5AwPSnR3dxby5guJEx2DZBpU6kk7pg4KommbVh4ruYzGt5GswB+8owa  
wdRIN3qE1yzE+Y2R7D0rSpUUKY0qLpy8hlu2Z2dix6CnycJyP4vwrBtWOIRt  
K5EmRluPxNWt+DuXhcE1Sk3syZe8xm8kKRjLdD61b4znHHpUNjGMrEsOMgev  
U1XmOEzyB+tKNmOTdtCSA7YAQo+6DinjAIO0nNVtqZLc2fDsXzTzc+mR2rZS  
QPIVXcNvGexreD905KnxMkDEMFRjn2NY3iaQ/ZokPzHOaU17o6fxlwOOovqK  
cx9unf0qYxTR1y0Zt6Kul5GxnoATxWwCwHGSMf71bJWOKWsmJ8vH3fw4o7cD  
+tAthBt3fw5/2SVNPJJB5k988ihgho2k8AL7g7fxp+WJPzNn3G4UgvfQQjrx  
Hk9+hpx4Az5h/UVIhx2npsP04zSgHHVwPbmnqg0Dg94z6BuDRzjpiH91sigd  
xCeOWTH+0pB/OjA4KDPHVG4o3ExNxx94j/eWjg54Q++cUeoaoXJ/2wPzFJuU  
/wBwj/vk0XuAuccjev8AutkfhSmUnrJ/32uKQkAORnavHdCRShyOS7qPQjil  
1GSAhjliremRjP8A9epFBA4VwPVTmn1EPDerN7BkxS55yFXP1waNWMQ+29fT  
jlqMsSeqsP8AaXmi/QYjDBJC4PfDUxvq6jtnmkFiNmzkBlbHqKicDb9wk/7J  
qiUYur3GZY4wTxljn6VkJQ5ki7jgMwyfTmibsJro2tcsXMfm27ocYlwPb6Ua  
ZOZbRSxBycHPtWSs0xbMnQeZKqr3PU1Mzb2yOnYVn1HshAQCOxPHApYtwCQP  
xqr6CH9QQSfwoJ55A/A0JDeqGMx/qfamANuPlwamySuUloB+YjHAB5pxYBQf  
7ooeq0FfXUAm1McBqXG7gYAx6VWjHdW0lZDtJz0HTmq2MxkDnnmiLsaw2aOa  
EhttVVsD5Zhg46g9TXWkL97JK/w5rvhseZUun5DCVktDY3fSsu3kFtq6ggAM  
CCT0A/yaw5dzbmWjRtLE2Mn5B3zSPIkftK1VKnqY1KijoQSSNJ1145A7VDul  
JzXXFdDkmtU0VLq8igPz4J9BWfAl1qGpQXZURiLIUtwCKyqzjGNmdOHpYcub  
objt8+4HnOTVby/NDRnHzZGa852Wx3SSauckQy5A4YHGfTmuu0G4td7rdlrr  
tBUEd67FJctjm1i9C/FrUV1raW8yJyUjYloGFDcYFOnlUwSZOcjj86taxM2Z  
NhK5smiQnAJ4qpp6ma9c9XHXFKT6GvLZlrUkSTUUKU5AjPTpnApLm0urWyjv  
Lil+Q5wDWcnqjSpLkimzprSNB4bjRIVktpYzyd1b3rmtNv7m1huLWGQGOQ9  
xnB9RQ/ImmuaUkyrayA3Yt5CcnndUuuwounROoACPy3c5xxQ7NoqcrtWNDSO  
55LRFZSu0HJNX4bOGGAligkEktj1qeXmZzTlyt2JNvAJloCk7R696l6ELuiW  
O3bdzwpq2sATn7xx2p2uJ9x+Rj0H61HJyoxn8RVInfUhn4t5D1bb+NYbIF1K  
3uJ2ABCjb39KUnZGILcji3K97axJjqeO/frUkQVYYAWzlyleB6Un5bGlihdq  
pc5OOnFTaUsk8u/7uBwOTSURo1iJRfLc0xyODmnLk9Kvcx6iYA4HB7Z6Uuen  
PFTLXRIPcCDkZ5H1oXIPUnHSnfoCEzlhg5HrQW6g54Hr/KltuDAckYpFCnJ+  
bjHXFNOWaCjj74/Okx/+unuw3AsAOenXisya5kjupQH4GD+FZyvHY0hFPckT  
UHBUFQQeSfSrCX0TqpYD+v0ojK7NOVrVEge0kBHCn1AqaLKAG3uGT/gdNtp6



EtXVmQXUjyTDznLjt7x6mkDDr6dapNszlZKwq8A+h496kVTgYPPQk1V7bkNX  
HDI5Ayf6U08Oz9t2SMZHTpSTuLUTLZlZ0Gce1Ox8uT1NCIdBya7irnnHWkUk  
5/pTjZ6IPYdwVyTj+IOU5A5/OmTaxIhIHH61nS5a4IHQHgf41DS6GkWamtS5  
a3HQbexyazHldiyngY49652lfU7Iblgb5t2Qdp4yBTEI2Ns98UrrmszRK4pb  
eTtOT3PrTWXgk98cUXadg0algNxPHTp705h+5cgdOo9a0u4K1zOWuhVhC7B7  
/rUgABXj5QDxWbm77mijoKzdDnvUvmpjaGAqWpWuh6llvt6DB6ng1K0hIwOh  
4NVCTtZsiUYtlV7cMTtyOeADxUyQwhQCrcdcdTVxkr2KlqtBHsISA4k98GmG  
xdPuMjk9B2q5LSyMIPpldEPkA/iqHlmb065FY3tsaRtfUiPykbuBjNKshJB  
ZcjHlq2urE730JbZcK5HTj86fK2WGOeOMiou5aMq1iKE/MoHUcexqjwUWk  
mS0Mi5nRMEDso+IXiRg84/DGaJX6oOWy0InOVXsR7VSueVKg4BOD/wDW96Ud  
9Cm1Yu4AjyvTGBx1NKMhQAOPWtXZmSStudD4fQLp27u7Zx61plm37uDz3NbH  
DJ6sFXMhY9TXO+I2DX6DOdi5xnvUydkaUneZlZywPbvUhGWxjknn2qlybaSO  
lq2qOi0tStmrcHcT901e4HVQD6mtijerYuQOTk/XkUgwBwBj06UA9hQTg5LA  
dMHmmkcjn/vk4IplMLsduYZ3A4/2lzQMdtn/ATg0Ejs445B9xkUYHBGD/ALjY  
ouU7i8kHsOnlpNuegX3wduam9xbCnlzncD23Lmm4XPAUH1BxTvfQqwwTnDfi  
N1ldp6Muf9obaG7CsOXeOF3j1wcmgt9SpPowxS1DcAuCck2T/dfNBGerZ9n  
XijUVhAMH5Sg9lbBoYtjLb8H+8M0a3GMwGHO0/mDUiAg9x9DmncOpKpz95g3  
ruGKkVO+D7FWxQD12JNxHBd19QeaXGRwlyPc4P4UlolaVKjo4x6HIqMsW/iG  
fcUNoYhI7rn6Goy2Acs6j86aERsc9WU/7wxUMn+ygH+6aY9DI764aa7IYHqQ  
oycniolwowMnHY++ec1IJ2IY7aaSiXnB3MM5OeKpWZ8q6nhPCjDAeme350R5  
bEK7ZoQ4wznOTwOMYpyt82MZGccVm9dGHUC3U9T6UqvnFDXQTJQp5OQOPWmv  
kAY71aaS0E9BhPPoKBJll/SsmmaxdkNVwpJbnPHPapMB5FHG09c01FpaE7jy  
cuTwPTNAR3O2Mb29PSmotvQNEi0LGJP3I2wHT5F5pstil4c28XkIBgcYLFUV  
0KGikYe1aldbHGeI7X7NdmNmG5l446mtqzmNxpttJ3KAfj3rel5nPUatdiiJ  
nkO0+4NKLOKGXzJCHkx36D8KNp7FSIGNNEzXGTjOFPX3FVGkJuiqj5F556mt  
Erao5INNajJ547ePdI4Ue5rllvJ7uRobRWxnr0GO/wCNE58pdOnKcrdCS10w  
LclZ23vnjPT61sBQvC8AcAeUfUk5O6PTSudENk5ztGSKZGdis7AYAOAfWsk  
m3cUtjkbgbLmRcY9PetbSNihZH4xxg12Q21M6aTkOucG982LAcvkYOBV1JWT  
TnjfldWJ54JBPWq6aDqU7EdhKIIULfeJJqOy/dyzvFnzGOR9ajmV+U6oUras  
u6hptzpsCXFwFaOXqF5K89609eulJ9J2pceZBko2R9dhHpTStqYzqkqIYw7a  
e6azMEcj+Uf4VOQaXSwEu7qOVF3KQQcdqmUrGtRKCfK9x13p08uqK0GAuAWb  
6dq2BboSiyDeM5wRkD3pNHnzKy11LIXbwwB6YpR8oqk7lwfVBFGXJ6DB7irK  
xBMZ596XUe2hIbg8enrmdOf5U/Mm4wn15/GkOMZP86eyFuQyD92wHcYOOK5  
uQLW1kuTghiAM88HvUtJrc0ho7lwMz6lKkS4WRN3HfiolmWGGJQ3mSiU/TJ  
qLPmSNr2RBeqqykGBmksGCz4X7xGT707XkS5e7Y1FyeCefWnKRk5/nV26GO  
24mTt+XHHfNKC0melDXYNhSQ3OAKAQFHxJ6iklpcL3GnoPTpn09qUrka7gMc  
Y70k1uwejG9Djt2pcccd+fWm9ytw3dh2oOcAk455qr2QthhJlzwSOvpWLD5+2  
Sf73IFQ5LZmtK9xQ3bOMe1LnaMjkeVle+ljqW1hUO2M5yMAYOafvKN15xzVK  
TZGmtyzCzsAzEN7Va5ZQp/Wrumk0ck99Be/BzjrTkOCTxjP4mr9CNNmx27jg  
YpoJ5Ldeh5pJrYNFsOGRzjj+dBOQMdPSkt7IXVhQRkgGjnIx908H6VV7E9BR  
+Q9jT15HOQab2uMegHt7D1rPm4uPvfNu/E0g6l7Un33Awx2hfw/CqMmwjCHj  
Hrk1ycrcrndBpRRCxxnA4PbvUH+swFPGeoqGnzX6mq2Jo4xGo24Lj16UTLIC  
P4+Pf8ad235hZFdG3LuHAPT3p5+aIdDjPYVsr31RFkiuoAIA+7jj6UhOxAzk  
ZyeKnkt71jT0Htxjtk9DVeNUM43kgE9qSd1oS79S15R48mXlz3OBTDNJHvGc  
kHgcVq4pK7MU25DxcEHkc4zmrEUm9Nw4OKhwTL16Em5SnBxmIU46HmlZxWg  
nZjGwV4GMdaepCR4Cgqe+KfMouzKtoKY4mzuUE9Tgc1C1IHu3Kcc/nTjJNvU  
n3loyNY/KjeMksuSc9+tEiPjKl83fl5JpKylqjRyViMpljcDt9KDMRyQSDxj  
1olZtCScTsa3Be5z6dP896tOQWJJPuQKzldCRG7dM4qsyB5YVb+J8HHpVwsh



M0HXCKec7uMVEzZuFxfjH61TSTM4rSxfgmlto4xHK446Cra6rPGfnKnH51UZe  
RIKkmr3Lq6pGGHmoVGOorntQmNxfSSDHPC1bSYUotO5X/hx/OnINxVSBjB/G  
o1Rq3c6i1QLaxoQeF6461Yz2yM/rWpyX1E9yB+VL165A9BU3ewCcAnH06YxQ  
eeCGwfoae4gUht1A+hINQ3NyLdclfmPQMP8APFDYbsiGoR5AaMqf9g8Cphdw  
t0fn/aFA3oSqwPQgj/ZelJ7H/wAfXr+NKy2FcUMw5AAHs1OLcct9dy0tFsNa  
iKR/AAT6xnBpTn+L9RRdAJjOFz/ALJwfy2cDguPQMN1NiGkJnojH8qcc+j  
j6cil5IPQaxGOSHb9Rg0AHOQTK9dpyKQDWJBAYjA7MOtPQAdAvvtOKpNBYIU  
4OCWAX0lyakUatwEPpnik7XFclAKjguB/s8ihj/e2EH+8OtD2EhpAAzjH+4e  
IRsScjcyj/aGadtAGtg8hVJx34qJuOzjHvmhARscn7wl9xVG/mWC1kkIA2rw  
VNUho5YcFhzkc5PenjIYEgE8fjWE0ua7Oxaxsy8wlvV5J6E9qo3ZEed7E4+6f  
IPtUwepK0ZqsNiKiE4Gcn1pgOOvH4Umm9wAHLHA/A1DczmLGxQWOBg9h60JW  
krjs2WY3HIkimF9zcGq5U9SdnqNL4bjl/IQzY6cduKylGytc0TGuMnoRg5q1  
Ajbti7jnArSC1sS2krovJbRw/PdyBR6DGTU6SuwCWkYjx96umMLHLkfMSR  
28YO5hvf1IqQ8jAPHYZ6VSuZM5Dx7bhYoLvsCQ2O2cCqXhubfp0sZP8AqpNv  
4UQ3G43iaf2pUcRq2W9qjyw+8ck88V0xUdWYVlQyYjyKmWcgD1Pasu41Xa5j  
tAXbjBI70NqETOEJVJWQ230yafD3kmeSSCelaqQx28ZaFAo5VVH8686dRzlc  
9enD2ceVCKpJDHAb61Ltypx6/Wsm+VF2vsREkHC8eme9QzvvggAe5BGaqKb1F  
LTQ5vVkC6ieOHUHPatHw7Gt1cJayHarSAZzyR7V0a2SMqSUZtm9rdpbG8h+z  
W7W5gk2yKVwD/iaoXrKZdqDPayCO1afCm0XBuo1ct6HpsFzPLLetst41HIOM  
/SqTINP1m4ePLW4ZXCEckYqL812dDn+85UaHie8tZLIGwlZmmlZiY5C1n2tm  
Z4iRtRGB59zRpy543pp3E8NrMVul2XAJGCRgZHFFa0VhHHcNckEyMMVPxali  
cpJ3ZbyoJGMEUbrk8c+1FtTFajhEScnOOgNWUgAGW/8ArUMexKAoHBFawOn5  
U0kiWxG1wMdfToBSDAJx1x+VGwdBozk7uD2BozhcEcdqNx3GAchPI9DXLOES  
wU3B3N574A6daTsi6ersizvlfWI2l2wMqg4GABio4ykUdwiDe6Et+valzN7F  
KNtwuowylwd2epqCxJN5yc9xmp5tVcLLldjV4J9M8mnHPUevb0rXpdmN/MQY  
wcHHPNBPPY4pbalbd0LkbueRn8cU0HgA9evFJIE+4Hsc5GcUYHTPHqKaiuwe  
Y1jkgg4GOnpTshDc8EY9hTQluJnd1P8ASgMO2TnPHWoerHqMPoeAetY925+0  
SEgBicE46mpmkBUlqyNgDwMkZwKeM78E89/Q1Db5G2dOqJkGOTwM/IQMk4Jq  
ly7i0tctW/CAA/nVhXwSDzkfpW8EmjkL3tCTgjAOPxpvJwSeelUr7GbV9hw  
z1A59KXjHXjv7U/QTvtWL8pHXOPSIUfJnoT1oWgXulBk+gH5UoJK5PX1ptiT  
fUcSQQe2fWnY55B9qLlokXk9+O9UJ2KzM7YYq3UUm+g42ZrelY7eGe2NtkK8  
e5hWPIQGBAwWrllfm1O2m/d1IH6IRgjrmlVQE6cf4VKZqldeijqD68cVHLnH  
HBHOM4pxkm9FYCBRT9xzUifNz2GcZq5XTuiWVV4cbsd8+n0peMgEj8KTIJoe  
2gOMht2SM+vX6VWb5p1C8/pQrIrfowwVViJzge39KaxwsfXrk+hFDcmiVZCE  
Yc4zg9Kt2x2lp4Kkgc1pNWjdi5tNCd0jLbVxu56VVnYlv7tj1Ayam19SFzmm  
WVtmScmlEuQGOAPTvUNDa5dSQSKeccduuKcGXsVyfWs37r1Fu9BdgyfmByexp  
6/Kp28Z4q7pu6Gxhfd/P24FNZYzlmUcU1JPcXK90JHCipiyADA5p5YBgCeK  
Tvd9i0RMVyc81AG33cYByqksB0OMUoczeqIk9C+GyvJG4nrTDnkLjLdK0V0T  
fQsOxH3eMcD3qNIJCI+uQcDtRfXQSVkWIbCncxqhJzMcdAeo6GqjLW7BXQhA  
2nNSWy+bIB6sAD6U731BpJHVJnjsKdkg4B6fjWuxxjRkc4OT19KU4xlv0p31  
ABnsevp0oH0/EihiDd2BJ7Zzmsu4Bnv2VTkxriie5SGGCXJwN39KjZG7jrU  
7bFaNagBs5XI+hqRLi5TIJWHrzml2jJsTDUJMfOkcn04qdL6LILK6/Q0NWF  
bUIS6hfrIM+hXmpFYHkHjtsOadkleW5wx/76FKrcZHIH91v6UFaC7/VsehkW  
kBBPG0n1DYpFIXcQPvEDvuG4U04YcbeehXijYkMkD7zj26ignudh9CRijzC4  
4Mynjd+B4xT43LMFLf8AfS0a9Q0LgHGdv/fLY/SkzkgFnwfvKYhjY7KoPtxT  
D8oySVH1yKW4EbYIPI14phBzhV6d0OcU723Ajc4z1B9xXPa64YxQbvkdjk+  
nGacWXFO5I5LMzcZJ6eo9qU8FTnvwK53J82iOx9i8SRCy4wwYYzVa6i82Fw3  
APP0OaLdTOTVi1aTCeyhkUHlcEEVJxyMfnUzdpWDVijrkdfaoZ1DuCRnHf0q

k2nqF2OAKrgGk4III4x3ptiWo3Jxwe3cUZZT256dzUO25T0EQHLbWBboM1ta  
SwV5IQf4c5960g/esZz+F2LHkRO7MVB15OeRUss0VvFvuZBHGOnQH8BXTscj  
aW5S0/V7fUrqaG3R8RjO9upH0q4WNNO61FZoxfFMlu9EIgXliPI+uc1xvhmc  
faprc5AmTdx6/wCNEG+aw7pLmZuRx+XlzMVz0Heqt9qscOUjG98frW2kFqZS  
qOtKyRVjtLzUpGeVtkRHazite3sLe1OEXJzya4a1Ryeh6EIKkrLcmcbDXjk9  
KjkO3gDpzxWDk2tNzaMU3qPcKkMjnk80jMBn+VCd0LqRrz97IRz9KizvJI4  
J5o6FPcxNeTa9tJ3lYZxx2qvpsuyZiWwxhxxg10078uxz6OaTOMvtYuL+1R  
JtiyITlgOT7mrHh3bLcTXar5sqxjYmMnr6elXrsbOChF2ILPUP7Nv7IWCzQT  
H54x2b296y9WvpJdReeUAh9oAAxgdqd9HdCinFqSj5dNlmtwl/vHt0GPT2rZ  
sbP7PZpE77iuelTzaCq1LlglqqcADnoopwOAcnaPpx9aXMcw4L5hOO/Xmp0t  
1Ugv+BNCbtoBY2gcjGfpQODyae6ElxwenFDk5BOenHvTZlxzgDp+NIDkjLD  
I+tJtLcNdhgySaO3FK6DYTsD3Ht61m21hCkMiyHzGEhkUdQuaJWsXGVnco6q  
JC0UgO1IjhsdMY60NJHFqO2LDC4/iPQHFTKLsmaxd9Bs+4Wboxx05+hqlaHb  
dpnrnnPoaSipOwr2Whsn5j8pxknjvQoGCc5x1HpWlmtDHcBxndjJoXtz+IK/  
UpoXI+7j8qDweSM4oeiJGcYyR+dLgkj2qm7ILN6AOGOOo65pCT90cnqamwXt  
uKc4GOxpCc9ufb/Go5k0Xa5GxO8leD6Vi3GGvHJzgtk0SS5bmkFaY9ODzj1q  
UAY+YYGfTmsDqa1shxJKjIPsPxpwxzuGfQVomt0PIWhLbk45PrVoYJHy8HvX  
VT0RwyvzMeevONvt60rYAJAH0q9dzOQDgY70bt+0kYOPTTrQrSdwsKq4IUYU5  
/CIBABHc9Qap3YkkLuByOMd6VRwRgZHP4VL0Q9xRwwx06cd6cDyeeaf5jVki  
RcEHOeB9KoSoNxPXJ5FDugSux11cG4EZVzIFwM9jUUmSDtI68Vzz3ujti2lZ  
kRGHwQcml4I4OSDWbklLRGkd7jiec5GO9MlbaFOkIq7HLQYQpkAXnNGOuPSt  
JR57MyjNlcKeMcqTnnvSiMvIMDaM8ihtbo1QskTqfTHQ1TyfMPHAoi3PVIJ6  
6E7sGjwD06GlcjzEOOMEAetFrGfVgl2wRnIR2GRVkyEcQH3skkUm7oizvqOk  
PBww+tQT/MY1PG5ufwpQdt2VZlvaNp2gZl456VXfgjaehB5FNSb1KXZloSKT  
nbyec44NQXbhiwjGxSBg0pSju1qZqLUhUcquckUNcOpPTA56U4rmG721HtLk  
88c5PHWnLlu35ux7elJx1tYLtaEiHcp5pruoYKcZJ6Gpabdh3sV5CUfGMdzn  
rUcXzXnHAHHA5q+WS2JU0aDFd3y9No6c0IASgl5zxiaaW47X1RYnUGY917Z  
pEYdAcn0rOLuxPYViQhGeew61TXqeMZ64q07vUIMO4HGCCavaZGGuEPGM554  
p22JqbM6EdRyB68UbsEqDn2zW9+hxAeeOcd/egZlZj8h/Oh6oewf8CBo68n8  
xxRsAmcYPBGeprGjlaeWRG4Y8Y6cVS1CxMHbkZNP3ndzg03uICUP3lUmm+Wn  
pge3FS7D1TEMKZ+Vjn3FMAbXwrA+9S13Kbl2SQYJXn16ikOVPG4HviktBJrq  
PW4IQYWViBzyc1ML+Yn94qsPWh3sHUITUFxh43XPocipheQuAC447MMU1qrs  
HdEyyocFZFIPqQ/9KeHBOCRj3ApPUSFUZ/uj/calys+QM9xT1QCYGTgDPtnm  
rVupAJlb8sikwZP3AwrH3oIGojY9jmjqNqwxSMeoP1WmlcdgM+jZoAjc8cl/  
+BComA4+6focEULzDoRSdcDeuT36D3rINQI868nYHKDCKQOnr+NF7RZpT1kQ  
DkEHOe+KaxO8KmMZwMdqzWmp1dLI2NtyKwJIZc+1LthlfNggjkUm1zGT2sQ6  
aQjz2xP3DuQex54q02QxyPw70pxSYR7C9wCfypQNW5FZ21vce40/eA4H9aaT  
wBnmtLrYWqY04UdjntUZwzAgnI5GKzldqXas9SSH7+ccYzirmnSbLxXypB4/  
OrjKzRMOqzRuPiO4CqAwz061yGuWV3d+lZoYVeRCQ6uSdij09q7Lc1jjsr6m  
rpGlJpjGYyl7hhhsD5QKsXN5FCCWkTPcZpt8oN3dj1C7d5Y0bhCCQa4qMtp  
+rlyOI5D0OMisoT965vUppQRqZvtUnCw/u4VOMdMj1rRs9LgtxyDK2Sdzcmn  
Vnd2CjS9n73U1FHgyY6enSII07PGMdK5vdN3qyJ8ZJHbkiq6gsc5wc9QcGi2  
g0yX+Hr+HpUMrnAYLg5pWsxLUMBY8A9ePwqErhQQe2OvSkpSux7mdryE6ehG  
SEbGSO/+NY1qV88722jqOO/vXXCV0csnyyN+3njlkYxuUH8afHNJBMTA5ST  
BwV44ptW1N4y5nrsPt7V3MczKSHfDKOoz3rTbToJcCRAVDZwRU2YTqu9kXsf  
Jt4HHFIOvcmk7GDY8KxY4HvVhLfP3zzQK5OqqPb8OtOO3sOPQ1ViRAfl65NN  
3EdSaNEguJ1JxwD+tlenqOucUCuMcetABGMA/U0NDVhuRk9hSZwOTyKYNdRp  
Oc9h6ms5HSDVliSS8ysm3+H/APXS0YK5W1a3kmjnywUADGeBxVO4IAgtJbYE

sDs3Ed888VEqljop3aLUyYjcA5JY+/Wsu2k33KAcAHn/AA/OpjGV7kNrqBry  
rH8velU8se2fTBP1re5indgcFhk04HbjHQVLuXZdXP3mAABOTQDkcc5OAD3  
pa9CWmNL5Xjt6jFLuOTnnNPluUmktRAevHt9aMnl6Z70OzRLXUN2ASegoGCr  
Z4I7Gp5WNWZHlxGD689ehrKnXbdSA4x2/wAaJ6RNKV+awIMHngA46VKAN2D1  
65rBvujqd0gznJ6D+VPU8ncM1IL3XdGj1WpNb/dOT/F2q0pIPHOe3p7V107O  
OpwVLqY4gjoer1H+e9BOSPpWj2011uABByDxgYpcqR3x/Ki19gYvG4nJz7Up  
PH3se9L3iReA2OBQMFunBHzQld3He2go6nJ4p2dpJp7oFZD0clSepNUZG/  
euVOOcGh6lqL1sUAcMSDjBJPOD1p6yMBwcZrnud61ViZpS53E8AYwBxTS+5z  
t25PIx1xUz5WwjZlkUKBIhk9/Wo5C2STznsKIL3htpkIO0ZJOP5VlxbDgdMV  
vU5XoZrRixRhVUsDu7DHT2p+4ksMgKcE49aySe6KbVyTKu4EmBmmzWELqTFI  
Ae/1qrxZDck9Nim9IJ/CRj/PNMdGjmUuuADkfiWi1nqVzJ7DCzAMEb5mOMCrZ  
IEuScDOeKU7SskLUa0gZzyOTmjBeiz1HJNRyKzuXcsKQRZPU9qglH7wJzUv  
o0PYkPIUDG0cZHXFV5GBAJPQ7RV2urgyfGEwdv09ajmIK5BwQM1Fnuh7qwEk  
xgYBOM89/anjhRhsjAq+eS3RC5baksWFjyMncelVLKAOwub2R4zGSUKnnPat  
aS5ndGVZrIjHqUmrTPNcBRKMB2C4B4ptscl5R0zgZ/IVyVnoTD4dS9wBk8/q  
ant0zMrHkDk1k1YvUmcbiQevbHFV2G3kcH1FRbqWrNDbiTMLbhjzgmqynegP  
lz+BqlcSaWg8k8fXkelaWkgGYnP3Rj2q6a12M6rtE2kOFBGDmlBB7c/IWROV  
IM5BIP60c47YpbKxWjE6cj8KU88nj6c0Esnfbc7DrjsKyYFPkjGCTzzVbD6  
EwwehGf50uSFOaNXCDkdD9fSgc8c89qW4PQUjBIBOaOgHPPU1VxD9xHTikIU  
jFIBPKjwdo6+3WmGBcE5NLfQq41om3Als+2Ka0MgPqB1INStNBrVDCp5+XH  
0pySOpyHJ9fSnypEk4uZVH3grUi6k6nBUf8B6Uuo3sWI79JXCMoBPHIxWxE  
uEGB2yNp4pJ9hMkJ4+8fflprYbspX/dbFPfUdhuT3LDHtmzB7oT6ZwaYhhz  
j5Q6+pByKicgjqPxWlcexTvpP.Jt3l6bBn5TkD61yRyAB3yWb3yad0omsFfUe  
33Qc/T3pgyXAQHPYd6wu2dMtrDNGn8yxVWOWiO38a0XPJ3EhSKJR13M07pFX  
zRBqVvITw2Ub8uK0JTtZiTgD1otdBqtxTjaCOQaaTkgY49KUVzaiuNIJ59Ka  
DuQH6p60ndoNshswpl7j86j42gk4PtUq61KvoSgFYyFHJPfpTg4UBgBjOTmqU  
7yuFr6nRNlSkMMwYIHx6Cqd5fw2ykyr04GeTXbeyPOaszmb3xLmZ4lwAvB4  
56Vzt5dSSwPOA7IDhm5wDSaVrmkElqzpm+02NpIPm3xjGPUVXh023mme7nz  
Ju6rjgY4rB6M9GS91M0siOMBQFwMcDFOXBlzmou+pm+4/ICk5GaYT0zwKlk2  
bJo7SSfkjC/3iOtJd2sdsIxGfveOeTVqL3I57OxUdiC3rjJzzUbAGTaDyB0  
6fhWb5U0bXuRsd8hAONowcuU1U3tlj071V1bTcJK2pX1SMY6Tc4lwE3kDnkGu  
XhYBIYH/AaXRTi3E5JtOWhp6YJDOoClgWPGK6VNLEIzFLLkCMcBe9J3T0NV  
okagRBhU4Ht1pSpycgj61eyM22AjZuFBNWlrc9Wx+NTuTbuWNijoKcenyn6G  
qYla4wkKMZ59etDYA45+nNLUQKSD0xTCfmwcY9aA9RCQAc8n0oOWHBp+Y276  
IYSdnGAe560dhmgGrCDnp0+IIAccmjYNxAPn68+/Ssi7nigvl3C+ZOkoYbug  
zwaVr7IR8iXUYy4O84Vs8+tZlbfjC2Vt6PjPcZrKT5Xc1jtYtQoFtySwZio  
P1NZMaGG9fGAu8HHpnrV81xLXc3eSDnuO/rSsfmwSea0SMWGB/Dx7mgjHPH9  
KT0EJ3zjgDvSAYJwfxpJoWwHkAhr6E0AFSe3vSutLI00aE6J1xSsMjnrSbvo  
xLQCScE80xskZ3bjVJ2Ymk0MB+7uJPHWs6YATuTyfX0rKpe+uxrRd3oAYMDw  
Tnj8aXIWOafdCawd0d1kSAjIB9PrSOduWVT0AwBQuZNCk0yW2YgMMj73arqn  
k9yeldSaa1OGpK7HE8DBz9e9KDkinzdUZahyoJBO2hVLHjGKq63Rd2xxRtpI  
5HpShSDzkk8GlfqK1thOgPPFLxz7cUX7BawvU4zx704AYJJ/+tRq9iNyRQQO  
gqhLzl6qOT3lqXvcqK1KYQBvxORTNjKVBbLY/wAmufmXM2z0o6ofnAGT34FS  
qrBdrdj16/So03G1oKflxx1OPekkyW+bOD69qrmu9BNW1ImJJAP3ifzp6YYy  
Hp0OD/IVqn7pnqP3AkgE4B/zmkXGcdOeMjip62Q9iWAxeawmyRxirKQ2zE+X  
KAfQmpUHChJxIWsxSQ+XMD6Y6VE9pOTiRSQo/KiU5J7DXLPuHSBY3BIRiuel  
SkQOTncpHXH9KqE4vcJJ3uhpt42cFWz6imeS0UuWbKtwD6Ciasrhzo+pM7BV  
GRxjnmqjMfPLYJwQQD/AJ6VEddgdx6SAJxkDnrULkFI9ju6d/WrtZjW1y11



due/QDviqtxgTBeoJ5l6VMXo1cPMIXkHlySc04Havrmla+wN2WpaiACDI/SI  
uQk1qlnACpyMcZrRNw1REoc25nFUgAMW1V6kVPGpjsYCOGeQn6DPFPVq7l2d  
kWwG3DHpnNWLrWY9cDtQ1oW9ibk8nimycnrisbPqKLSUrnDDywQpP50rIEI  
XqMDr1rTWxWjGHJZcHvjOa2NLUeW7DIBatlPUxrP3bGmBxjORS7sDv8Aj0rW  
5y6i5HXNKT6nFJod7iZIPp9DQTxxz2osCKOqNttSoyd5wBUAxAAG/SIZ3Gx  
SAScDjtR0OSeB0q/lloU++aD97DYAqOUpCY+UafiDyaOSc96sTFyT16fyo3c  
9xQAoJA9TzjHQ0uckfMQPTNTtqIMkdR+dKGBGB0o9Q9AOM5HSI2qRytG4LQc  
lkyRj6Y70NYh+mRmmu5XMEVpi5QK3zZ7da6JQMAHacdyMVL3ExRzjOcezZpH  
we+PquKnrYa2GYyeASfQNTHJOQCv/Alz/KmBG/ynBAJHZTionbrl2H1GRS6g  
Ymuyr5CwEjEuQdvQisQsXckdKJ2sdNJLIEkZR0OB2plj+9Qg4zz71ny3VvkzS  
W9zL0F/L1OWFv+WvCj1IGa6AkbCB1zWtVXdzKlexTve3RMecjBGBzwa0jJ7  
JZBjEgBBx15rLVocnBRDgPIGcntjHskc/uyBlfrxxUXsCTTI8kN0601vY+3F  
O6HbW4zK4JP8P5CIUbnxg0FWaFy5JAYYpm9c4PUetFncTfKipfaoFhEDTEoP  
urnAA9hWExudUm2wK8pA28fw/wCFbpuMbyOR++7G5B4biREfULgSP12L2+ta  
OoRQTaTd2UaKjeVgbVx3z+dc7m27FNq1kZHhubzNCts/dhcq3PrWla7o55oD  
gDhl9eua08zuunElmboowCAD0oHALEAc1HXUx6Cu+FJ4G0taVlbQ/ZI5mJd  
m/hParhHUibaiWSxKcsAq9hVLUf9WqkDeeVXPJHtW5zoyHOGOT7ge9BOwEse  
R0x61yzt0O1JNEajnOc+1PRO5+71zVLTRg9ERmL/AEealcq4xt7mqGkeHZHU  
Pe5RSOFxya3T5o2TMXy35jpYbWC2XbBEEH61N1XjAAojGxm5NgoJl2g4+ITx  
wOx+bt3qmS1YtrEEFKRgcYH1oQsBdCMMuAxxxTSTg9PpSJGE46n8qAcDlfx  
xQAqPlyvNI5AY88e1LqA3jvwO3FKORz/APqpt9gGEgqRnl7GkyCp4GM8igY0  
YpQCF9qfqlbYYsd3A/TpWRdSDzHijjVpyDtJ5GRzzQ9ENLXQvXKbhE0rYLAc  
E4NYIs0kttexQjb1IPTBBRn2+JmsbFi2CpBHGDvYoR+XNZ80QS4Dn+Jun+ND  
V0JrW5qqxIRiSQRtjtOPz4rSyZmtxW3d8exoIBAOeRRZLYH5iZJzzwOKOch+  
YpW1E1/KJ25lox07fWny2Y1sIQSPSI7nbxx0qZa7ANJBOc8rztQy4BwAFNG  
qDVkZG3AJwDWfcDddlQeM4OKmdnsb0V7wgxtGF3HqeaFHPzch9KzV7k7nXze  
RNkAD9c0nVSSce1Qo31RN0yS1YY4UYzgYHargBJrohojjktR4RucDBxxT/Kw  
e4Hf3qtEK1xyrydwGBSqwDDglT2paNh0HI+OgGOnNOC72BQHPXjoKEnsFyFh  
hiMfdpBlqa0ZDQoGeMkCpAoyV4/oaLitbYepOT/ePNZ0pxl/P4fhS5rMuG5C  
pHI6k9zTNvP94iuZvoejCyQ9kCybyzw5p+SW+XGcfgKSt1BscFCxrgk56k1H  
JtDAZOB1x70RXvaE9LElxxvJ5xjNSKQFfPJ4NXJO6SISvuAlzgcnP50ldzsc  
5HpVJNBjjuDADJJ+madbKsikMcEY5q7X1FK9h0mRKzLMfbNRR6lckN5h3YHG  
7qfrWb3swjHmXYsrqnlEkecjOf6VILu0k2l48duKiVNLyLSiSBLSTOyTb9OK  
a1huA8qUEZ7mptJbjVvX1D7LMh3BAx4+IRujkEvBg49KumlH4htKWqZEY4sH  
OQccDtVeWlxsro3HQ5q/ddwXM9GSr8xZeeG6Y/IVO4WQSiRkKgeo61nThzO9  
htcrsKJiAQ3AXmpFYPwD174rVRaZIPcuYzKijeSB71t6P4Zu9cgllimhtoYQ  
peWcHaQQfu/THOfUVFmthSq8m5yd3FLbTpDLHhmXIHU9OBV+fK21vGgwyod3  
JpxknBNqw21KSSY4kkZ5GAMZ4q/axYtmYjk8U3YG7LUcByB1lqN1zwDU/Cxq  
zZTIBEqtz0xzSbzu4yMdfeqVkUBwMHp39q39Oj8u0j5OSP8AP4U4WVznrFw8  
4Pb1oI9OB+daamPQTHPOaUcd6piSQAHPUfQUhwTkf/rpPceljO1F83USL2Uk  
imr7n9aaExwb8+1Gf9nPtRoJO4YA4PNKyK9uPpRpcWonJGByaBkY/IS1KQH  
rwfwpOe2RTAXaQcdKae45/KmL1FTBlyfqPSI3Hbntjlpb7ghc5x0H0oQ5fB5  
OOo6fhSvYbLUR5GNp9DUyIlt2d34Zo2EWLSMPKZSACOME4rRGcYGQPQnNS9B7  
7je/XPstikYEdd2O3OaVittCM4JwcfivNNIOMc49uafKljbGOnB/vLg1GxIX  
I/Q0MaRyurTGfUHzyllGPY1TQHYe4/IUyvc6aduUa/zYAHT1FS2iFnDoOneo  
adrmjasc0ZPs95FMD8yk4wPXj+VdRFJ525zjBwRW9SOI0ciOVglOQCeR703S  
XJt5bcnPkvhR6A81hHVWZ0PRF4AKjnGofSmHLE46dqIk3Q1xux7c+1MbIPQk  
HNUop6lq6l0JzlsYP6VJuwpbAJ7UuSz0FORQvb+O3HJBPCdQkYzNdallI7WB

3cc8Z2j8a2ikkc7nzz8jXtPD8KP5mpzFi3PIKentmtPTLZInYwQ+UnQY7+wr  
GU3JhLR6BqEBEitDkSFxkE9B9KdFAI0cFsyS/KS3YVvk7zasRfqc4YJhi1O0  
P3opAwz064rZuXEdxb3XVfunPcYreVNndTd4q5J1Yk+nWncYGOvcCskru5F0  
tB4TzG2jjlzmTswP+gmM4+VsJtxWkL82pnVtyjmDbSDzk8VUuo5rjVYLqRQI  
oVICDgk47Vq432OdO25IPnf07k4qOXG5I93PX/8AXXLS2df2dGQyzKjAMTx6  
Dn8KtJb3N0Tu/cxHGGeOTVRXRik9FdmIb2iwRoiAtj+JzUo5PXPr7V0WszBy  
uOHX5eT65p6wljnB+IO2uoJlqOEKQcE+tS46YP60+pLlCtco479u9MYOW5JU  
UthbidCc5z60mMkkYz6tVBdjeOtHY57jpQL1EwMjJ/8Ar0EkkgEAeq0BYawy  
uDkGkHAO7jvjrSuhifMc4zj0xTFbKDHTqDTsAA/XHakPTAHsKBCdCABz6+IZ  
kzNFe/uY8s8mGbGcAinpa7GrvQuSpiJDJzzisdN731zHtCRmM59zWeltDRNL  
citpY4o0VQX2uFLk89KW7XfaOwb5IPA71TvbUJSurFqMkKuMdBU68DtR6EL  
ulTkkckfzpSCBjgj/Zp9bMXkluznnsBwMU0cn8qaCT5dhWPY9eD3x0pAT0PU  
0aboVmJyBhTzninDkZIOal6DUmIMfT0phYhiMHOOPSml3G22hpxxvJ46Gs+4  
P71m7VE1oaUZO4g75GBTs88AE9RjvWDvFHYtWPjidto2MfqOpq0LOQsd/U+1  
TFaESmkye3tliBySec89M1YCAZwuFHauhal5ZSu9B2CBgdPajBbscnpSTu9g  
6XY8W8pAzWR0461KtqFwZM9OgFVpcl6IkWONFwFP49aCwJ4wPwqloTzOxnMS  
S3J5P40gO5gR0pgmSbtuODg+IKp+XGcH1pct9UF7MeOACD17ZqhlcvlMchsU  
pK60HDVIZg2QAQeeaeV2p8pz7muN63SR6Oy0FhTzJQGO1O9Kp23XlJXsPW  
rFW2E2yU4DEdx3FV5QPN65GOvvUqOthLXcYUB05b0prnEZ7DPStLtNjgPto3  
uCSg+VepJq0YGUHapHrgda0k2tyHJRdiBIO4hgaSI7I2B6k9u4qNERlJtkcr  
EgZODVZW3FieOefaojF7s0k7LQXdtkGeCBkVLYOoRxKucHOcVvkm2Z3bWhK4  
j+YoNo6hc02yeTYW8043cfN+IDtJaBbXUfbJ0fG7jrg09NQIYZILL6gcUox  
W5m7J2Hfbkb7+0ehI6VJm3cL8vI9D3qJpopSewnkxfwOVI7EU1o238EMP9oU  
4txRV+Z6kTRoWKyRgfhUbwIse5OCOefSq33YW1sOitLvUL1LW1t3mLDc4Rck  
LWxqOrWMIsmnaMtyloigvDIwZTL/AHvbFEHe8TmraSMC8fzbwNu3uifSfcVO  
7FjFnOVXrVKmuXUcdxwOVxjA756VrQArp8RHLNyR361EIZ3Rs3dla8ZKZXja  
fpTEVdpYjimpUluGpQuXbzen3emDUWcj1HXFaRTtcb0FXJYbjk9Pzrp4AVjUD  
0Ga1gtNTCs9SRjSZwvHTtzVrYw3DOGPwwen5YouAZyeT+B7UmMnGeDSWgNjM  
XlwlU5JM52YUGngDriqTHLTQOO348c0o5GegpNakrRCggYwMmIH7YoYbDDx  
9c9uaUcEDOR7nFPbcHqNPc44Hal5JBPXr/8AXovYNxSB/F+IJxnrgDvS8waQ  
EkHoDxTgeB/L0pegl2E4J4zg8YpUHJx2/SnbqU2WYweDnryR6VONuDtGMDoa  
T1EaFsNsSAZ55+pqb6AfhxSewlRiR7Dscfzphxn5h+VHS5QjEgYyfxNMPoCO  
f+A0XDcYxB6s2fXrVW4cRRSSH+AZORjNCQXOPZ2ZyzHPmMWJz78U/wDhpTtu  
dkG2kiE9MgZP1rW0+E5Re7daylqrBU0Rxd0oeMdc+vtmt3RJ1k0qPHLA7X/A  
nFdFV+7ZI5aWrdy2/CMAMt29KrQSCHUEbGEkBRu3PrXOrqXkdN9DUbKHiCD2  
BqPkKOEPUdKcrPUhaaiMPlwRwKgkchgBnile5d9StPeRxcocnOBnArNnv5rj5  
LZWfJC4HQVuoxSucrqczsi/Z+G2nhaXUJC0hH+qQ55711NnCIYokESquMMV  
/rWNSaH8Kshr2sUyk7MMTnOf0qpPcrBlqjJK9h1rGN5bCk7Kw8y+Y4IIG7vn  
rTPnmnacOPKwAAO3rTh7kgRzlsn2bxxdW+flmTPX/Zz/ADrVmQPYiIDoMcVs  
580IY66T9xCQyBoVdugGCR3NSR4I3bjkkj8KTsncUkuYljOOSMAcCr2mS77i  
6iyOEU9O9OMk3oYzi7FKlUBJIFZt1qByY4gfQmtW+UzhDnZTJDSfvCAM8kmq  
8VrPfS+YoKKSeTxkViveOjTY1beyit+Su5x1LcmrTAt3rVWXQxibu7CbTuOf1  
p6REnBHB5p6C1tqWUtlRf9r61OuAOD+dPSxFxuSF+bpSFjjr7ULUTY31z2P  
WjHH3j+dU9RDM5PGSaU5wc8CpsMbkcz/IUhyGOen0poTsJ1//VSkjdkZFJ6D  
vcTJAyFyaYMjqOKNwTDPpkn270wdPaizGwyfu/rRwWGciii1tRbjDycj7oqt  
LKQHMQBkXqfWmtR7D3IW3BYAknOM9Kw5i/8AaLorb147/mKyqKy0NILmYkEf  
mTeXEDnOTxgCpplBGrKeeMHHNEdrBlfCc26BuT061KBhsDtjz2rRkyM7gMbT  
t4z+maDySuQMn8uKbWtxC55BPT2pO/HXr9KvN0G/eVhD0IPQ8n2pFlwMjp1o

1aDVACoznJOetBOACcjjrS5W9WK4ZBHOeOo70zcCvyjGPzqktB+VhoXcvyjP  
1NRfYpZZGOMe9ZTUpKyNYe69SePTIMGRy3birAs4UbcqZzxc89KhRWzNHUFQ  
nwu3gYFic4wBzitdEjG/Mxyxs5BAOD6VKIs5l3nj60XvokLREqwlR85NSBVU  
8KAKdtdRXbEY7gcHH04ppblznm7bE3EyGU5yMehqJjxxTSsNINh85yR+fX6  
U0DaMdqE7hYkz2Pfke9OXgnAycUa9AHLIVHzDGOtZ8hCyuTnIP8ASILXYqOh  
EcAbuOT3pY1ySWznOQK5UnHc7loS/dcY6noKAha4R2PzAdqFLuUnca5O4FPy  
BqKUBZW2uJADjI4/SoXM52BqMVdsYAcE4znHfpULnc1rCCVMshjBxiumybsZ  
36nRDT3tVEUS/KnXjqGSUDID74qn7rszm0k7kTE4I2fKepxUD28ZYnAH0ok  
ovVjvKOxFNZq+CplOMYqq2myqoAbcOprP2aS0NoVX1IJ7eY7sleueKLCotvl  
SPb/APVU2SjaxqmnqhC+AOOBwPSPm5gy2Bljx260vhWiHuSStlPQ46+9Lbz  
EAgjj09anm5WRKPNuOIZCmvdzdvSm6SGeVyx5zjrwMVo5c3QnlUXuaNx8inA  
IOKoe+DsG8AZGKiCu2ytFqxTcgn5s57ZqYSCQgDr7UnFLWQXb2LNnf3Om3D  
z2E7wSvH5bOv92s6RREp2AknqQeT+NUPWsRypu9itHIZ4t33mPPfNakww2F6  
ngD0rWU1byF1EVcJgnkitGOR2hVWVsrwKxequW1bUmTbtwx3H0qGX5CfTrUp  
CbMiT5ndmJCscZ75FA+Y8cZ7mtk01sPbQsWq7po1H8T8ZrohnnBx9K0jtYwq  
u8hzPgjA/SkLfKM5/r9KexgrlAe4zjjZwT/AIU1ZjQZweOnpQzgzlHsM8Un  
fYDJgBILkD5jmgN3/16pNW0FrcX6dqXnqRijrqHmLnsMUZAXk4PuKNhJiDg  
ngj+tGOPak9Qt3E7jH/1qUkkc8D60twEz8pIGO596a3UDkj+IUS9hw5HsP0o  
5zn09+KY1tcB8w6VlgGOBn3FlehMuAOP50+NdzqhyenJqWNaG0B0xwBxTvcb  
fz5paBrul2OM81ERjAAPvSGIw9Tn61G+c9OPfkU7dUOxCGg+nsOKydcMk2nk  
gn96dv4Ueg47mCwzKy+gwMUE/KNp3YHHesXqzu2QylbioK4J6Z6iuj0yIlij  
1wMD3pOTbSOeq24nExRK8RaTgEdD19qTw7MY557Y4IIDLjnoOtdVXXRGNPST  
N5gCFwMbhYt6+1Z90mFJUcq28Dv1zWGi0Onc1WIWdl5U5V1JOD3oJ454AFD+  
EWiKM+oQRj724r1A9KyZr2a5kVYEEykkDaoyRV01bVmMnzuyNKx8NSSL5urTb  
BjlijPP4mtcafALZl7SERoOw/irOrNKVokKKRbs5lg/dFhx1PvTLy7mP7uNd  
gzneKz+Je8JvsT28zloIQsG4BpZ4lyWQjD55Oe3vWd3HVlp6IV7BBIsgmbIP  
3c4GKkTcAykJ0xxTnJvoJWOZ19ltvFen3qrgP8AITj0AHH51qSL5d5PHuzy  
CuKuMrxsdNP4dCEX+VHc25wCwDRk9vWpUGIUgeQMhin0uU97ki5IGe2Paiyu  
XtrkylNzEYx2pJ6is2mSyTO28s2cnv2qtDDJcOdi8dnllwau/NuiFFRLkVhD  
Hy6mSQHhgk8Zq0GIB9uwFbRSRIJ3YDqO2f509Y2OMYIxaemxKfUsxW394Zx0  
qwECr2Ddj3oV3uDYA5HPHTc/mO461VibjGJyQxA7UZwORSEIS2flP5UgXJ4  
P0pJ6ANUHpu5owMcgMe1VuAmcEAYFBHTB4o06itbYbyeeAPajsQMg1N+g7CB  
zzzzUflxg4HvTVgQ7Hy9s03HyA8Z6cjmljdsGO4NJ370xDM4YjHNZV7d+Rcz  
l44KZBqlal0rIWNp54hDGcgck96eLEwwpLLlVlf5gepz2rO7lc2SUUktydgW  
kTywl1ZR06nn+VNkxukVWYwOfpnpT3REtyO1wllUDC9vWplzhh/WhO5mC/d4  
HPTA9aTvnOeKtLS4boATnkc54AoGADn9eIDBJLUN3A47eIN6EsD8vH+TRZLc  
NxoO1QDktn0qXyXIJ2nnpUSlqOK11Hi3bHPSpVto15ODQrtF6dCTChgFUD6C  
gg9uBQTEK9wCndwvFPW3du1SmtSk2iZbcAZblp4RABtX9OKtJPUiTvoPDDaA  
FwPpTCwJHII9KVkkL0EJwx7HA570nHTOcjmhd9BrA7jt5x6CkLfKRxn2quhN  
tRM45NRyHavuRSd0VZIPcc4GcgdcUKNqgccChK2hL3sPA5Gfx4pVK7iCD+HS  
mtrDuiXJwO/FZzj5m4xt5qSo73IFGB8wHsD2qRWIGFycDn/CuaTTu2dyd1oP  
OBhkh/WhW2x7QQzZ5PrWaldOweohVTg5JPbjvUJADntkdacJaalSVxIPubZB  
wcZqGFS+t6ch5VWZvXt1rdNX2Mlonc7l2y5PUZoYg8FSR3wK1td6nJtsNaGF  
uq4HoBUTWMDdAAPypW6C5u5CdO5Ox8ZOagksZQc44H60WsXdaEbQSKPuY9wK  
iMerII6+o5zRdPRIJkJtIJASyYptxUQsFWParHOcgEVEoaWRpCfchmtJSPI+  
YZ6DtUS2ssS7ShK8jPtWbi1uaKcLjJwwVsZGBhcdc1a0hSoY8knqRU3bjZbF  
S0Vye9OIJ7e9Z0EpRWwcrmiC8QtdWYpk3MQFGfanWPMsnUhQP1rWptcFFlvM  
MAgnHrVedPmOOw6VkpNbho9CtCh/tKJTyFyxwavyMDM5Uk7jnOMYrZyTSSMI



pJ3HRKWnQZzk/jWy+PMI44qdAb7FEo6XDOD1GCP896fdOAmWOQB37VOjepa7  
mOpLMpx83fJ7UoYEdOQeh7mtrkKxTvuaGmoZLxDgkICSfTNbQIIORznjNPlt  
sck9WGTn+dITz0yaq+hFtQGcDDAGIPXBGCP880ru4BketVr+TZZv82Nw2+9A  
JXK0I2RqFGMDAzUoOTnB6dxVXWxOtw6rwc89xQpyOcD0pk3FHqTS59B0/Wn0  
HcaM9TjHtS9+nfj0pPXYybevJx+IGDnlwaBaC4GDuWpemZG7kDHtxQtR6bC4  
BJBzigj5TgjPYUtRIUAdakAPp1oQWsSAyWd19hVuwj33G/nCjg+9J6gjVUe5  
z9KCPxJ9KnbUojOATng/zipD/AJzSeuwbDSecHr9aiYjOOaauFyNyM8ZP61zW  
rymTUQFwywL29TT21NIK7KCdQxweaaSeg6dqyTR2XsSWahnLOOV6cdKvxzSI  
6bWOAemeKiV72Mmk3qcvHa3F2SZsxoCAOea0Le0jtSPLX6MB2rplK2xnGKju  
XRzDuyODx71HK4KBVUe5x1rn5m2ay02Gae21JYBx5bfKB6HmrSn5hxx+IO1i  
HrucXq4e2v51AOM5GOMOK9I06xtlLeN7eMLE6hvdvvrSb91lw11ZBdq8l3GI  
14yS5Pp2rStUKoZAoz0XFc1le5N9CklqLeZ5n2kytkj0ovnhZxGzYKH8/rV6  
vYVykfUCyqIRkL0B9KguFuXkHlhm3cgUP3bJlLuPh7t0KsPmHU9TioZbgJK  
0KAswHJzzUcvgag99DH8W2ckekW12c5ikzyPXFxndd8MqEsHjBBPXFbWUIY6  
KL0Yt+4Vo5QM44PH+eKIOQcr+FKWIIY13jqK5+U9Tu6DHWLihZicqckc/wCf  
WkotuxHNyq5ajtem/wCarOCBt7enSt4pJWOdtvUOoxk+xqRlyT7enWmQiaO2  
HQ/WrCiseMY/xpW1G2OY9OOPpSj5ueMGqtpoSNGAwUfl60zdgn368U9guJgA  
cUgPB6j3qd2DA4z1NIM556UbaAGcjHP1pp54609Q2GKQSRjmlP05zRtulQnB  
wBkelNfJYcnmntqNsUcYPSmtkAEdB60vMBSR0649DimscjvjtmmhLqJjSTnsK  
aQcAkkn3oeg+gMPm7dO1ZV7aNLqEbjlCuDn17VLu1YqOkrsnhMFrcGJQPnxx  
2zULMWt5jPwycjng1Utrldr+8zOnnlu9NRoiYk34JzjirMbxJ5MQL00ec4  
4464q13UbvYt2WgkKskZVuCST+tSYwST25q0ZMeehAz7cCg4OdoFGwloMJw  
DjOe1L1HA7fhT8xLyE/gUbsDPIoHX3pPUqO5Rv7h4L2xGQEeXDe/HSt+OUFd  
jgcdP/r0dAQ8qSPakCOThVI96nyKTJRbNjJOM+ISJDGBknJ/Sm1clscSq9Vy  
PalMnl449fShRsK9yN23AjPPsKTdluG4ptXDS4pbpk+9MOAOP5UlcTsJ8x78  
H2oxg+p9qb0BbC8bztJPHp1poHXjHcUcwWGjG7rzTJM7ucZx0o1YypnLnOPa  
IOSOOPrS0TG9EKGIUkHOfel4wQe+KfoG6H4HIH+TWewMhcHgg9KU5WKjuR5G  
BvNSZVQNucH161zSTauztWg0hmXaPXPXCNpvjisd0VfSwx2KnC9T/KoGYhi  
BnHvzWsYkydhUIXnnHv/AEpdLUP4ktt+fkhb8AcVsou5jKV0df0bIPtxTiCR  
kd/etkctxQcDDUpGAMmgQuCHaOa/un/69ldwcnHK/himmOMn5IH5dKNGVsiE  
2ULdFwKjawAXCv8AnQ1oHMQtYS445A79ahaCVPvlce3NK3kNwAl9gz86jjrk  
U1Y404T5fXB61PImyIOUVYiuLYzJtLYzVWTT5AuFAI7461HsmndGqq23lfs0  
kancp46Ed6fp8bKpZ0KluMMO1Q27PmRqmmXAQGGerZ1pHxycdKy3SSAq2o26  
hMxxkqFFSOSspwfrk1skmtSLtuzJ7IGS5iBBHU59DWOtIjj/APXUSjbZj6kR  
fnaQfqKq3TApgfjmm12BbITYjAA9xTTCOPYVrGT6FXsXbC9kslyqRRyqw5DD  
5h+NaKavbPxNbvGT1ZDkVv7sjjnCSbaLEU1lcnNDdrz2cbT+NSm0k25jAdex  
U5/IUONkSpX3IWBXhgc+9N6YwCfrQthgCd3lxVPUHLtFGO+cZoa1Em0L8u3A  
4pei+p+tUK4oHJ/WlyFPA56UPUQdzweetL6dM1L3Gholzyc07JH9arQVxDwc  
n+eaQnkY4HtSWg7hgscKM8dCKFBzz1o9CVuLjJzz7g0MD9RUt2Ha4o4IA7VM  
gBz6/pT31HckJOOmK0rFNtuOuDzgVOzH0LZAPXOPyNjKyxzSeo0MJ4prHmMD  
GNnvwfTvURPfkE5GKejQJEM0oRc+nOetcgZDKXm/idyRn0oWiljuJkZHO0d  
s1E785xkYHlRg9rnWtVYtxJ5ce7HscfpVhcBgR0BzWUmK+YhaFU42joAemfW  
nKCUSpZgYlxxmt42aZLj3CNQSw557Z/IUExx0wMVIHcq+lhiEpdxyZ4cbGPb  
2q3u6Z5GKcrsSOc8TxFrhJBwGQ5J/Diup8P3LXHhy2YH50BjYE98mrnpFHPv  
c0crDGpByzc9M/nSRan+6CGMlunSskru5Fm9gWKeWYSy48tRIR74/IVV7YST  
/IRjppzV83K9ASsaSWsMFqVVBuPTd2NlubaDMxVWHGc8VErsL3GCYwRGWQ4y  
e3JNZ1lbma+eRYyNxxluuAKI7WZVupH4s3T+HrmFQG2YI/MV6kWyy6JZSocs  
AVc/jjFXFNrNsO9WjRITzIGUdSOPUUltvmjGxSWHXjpRFN6M0ezNCKzAldzk



+h4xVsKpGFGcV0KNjmnK4gB3H+opVQbRgnFO7EidLYt1yB7CpxGlxyeKm3MK  
VkSHBAwQMUwNgckY9xmqS7k3vsBYg9cH2pD1ycn6U7gNdsEAEjPqMUh469aT  
1GhoBzyOfb0pQwPQ/hQK4mcUA9sZJ9aLIBvyhuuQe1LggcAt9KYEfK85x9aR  
iSQckZ9KAF4L/MMkiiQ4HGai19R6EZ6ZD/IRnIH+cVd9AQgwRnrTgCVP5cUC  
l2xkk+IIBx3FJaaD3Q1ycjHPrVS7EroojBGG5xxxT6XF11K7YE0JXI243Adx  
zVuVADIsi8uuCKh6Fpswo1NxYToxMcScjt0OKktpSn2V4VDqpMZJ70IG61L6  
Fnd5gZuchsAGgZz82Pyqk7GTHLz93B+tlT8zbeTnjNPrYSegNyRgnPakJwPm  
HPemgbsL1J7D69qQ4wQahLUf2jN1g4n08nn/AEgdf5VvSfLJIDxn86rdD2NC  
3dfs28pk+uKk8x88cD3oSSJeoB8Dv16ZpjEnpT2YboaxBA+vNJznpzU3D0FB  
GMHP5Ug6kDnNNXuK1xM+o5pCeM4OO3NUPoJuYDoAaXHBPQ1O7EIDyfpR3yaT  
tfUaGZBGBwOx61FJgNwBn2FVzWE0k7IVuCSOv6CnZXqucDuOtD1Q2OPB4x04  
xRkZHJPfilG4/QIDA9eeeRWefv3yc1EtNGVC5EcM6ZOcDnHel5HvXN01O1a  
kgYFRjj6jHFMBJOR0xmpcY7IH0BAK9Oe9Q5zuzj0z6mrW1mOzSuHPI9egqXQ  
QG165JOQsK/T6Vur81jGesbnVKRkc4lp+7lq0rHJoheeMdfXFBHvmncFqL0x  
nrQW9cfnQAUtxOf0owc8njvRdLQfmAwRznPt2peCQSSD7DimlXkd6M8YKjP  
1zmj1Bb6CMsRb5i47jFRNaW7/wAOPfGaVh3ZG2nqQdjcj5qgewmU54OOmKF  
fqVdNET28sZHH5HP4VXcbQcoASfxoaTKi3sNWPAsYPYeIM2bkLAj86wcLG0  
XcoRKXuJpBynQ49aXBLH09aPdeiHrcnhkaOdWB5UVoRybhycVEmr2Q/Me/Ce  
g9ap3StsGQcHrSctbDiVwp2jdnrxgUuMEeoNaKVhpC5O4dMd89aCc8Yx7Cmp  
Eyj3EaNSMdfWmo0kLFoZ5liP7rYrWNRmbimW49Y1KMgPLHMv/TVKtx61Cx3C  
NgyN03QtXvc0WjB0pJ6FhLvTpuEvNj3ZV21UucNqDeW6slwACORRy21QuZr  
RjxkYz0+tKQSenH5UJiFxxzS9zjv2oYIQgk49TijnnPFGjFqhRjGf5UvP4+9  
S2HUCvJ5zk8Uuc8AfpTu2FtBCMDB4I6elBAwD3oXcNgxxxxz+VGSTkMPpSeo  
D0Gemf5VloyORkZ7imrI0o9RuYKM9e4rYQBvUAHH05qGne4yQ4xyOPzzSZyO  
ME0D2G5w3QGm54zj8KXkMjPHcnNQtgDHJo2QGVrdx5dg4J+Z/IHrXPgYAAzj  
GOv86UtEdFKzEYAnGQPXtQE3sETGGboT1qLWZvZGg33AoAwaZGMyiM5wSMZN  
S0vUzSsVg2S2Mbhjj2pzO21ghwOPxq01ETTzJfY8GobhASxYEnHr3pN63SH  
bsVnRpLdmGfl+YY/kKtROJYY5OzjOKJNJcTdmbr0Xmabvx9xweR2pnhG4YQX  
VqD/ABqyj061sl7tjnnfmOvsZlcnYRkHa+4ZwfSphCtvKXK89SelcrjBRibd  
7kT3CX9z5ULFVThjnAzU32aGCIIAS3Zgc0yehSE8hmUXEu4J2Aq5MI5YyXld  
cZ2//Wob5XYLXRnbP3oBdzj7p7Y/xqJ2mCs8TkSKfIOcD/69Wo8yDmSGyOZ9  
PkJYYeQ7SCORWL4WUvpF1akEyRy4AA961taNjWlpNs6O2syTvnPPTA/z1q6E  
VMKiKqn0FPICU7vQbzjlyKVfwuOfaqWxmldy46HHrVqOFVQf0pbjbsOzg7Q  
Mj2ocnGPyGKa0l3GA8YHU00nGSeMetF7hsBODx6Untg49etKzY7oGIZOCcj1  
pu0lRtPH54qloLqDHHsKbkZ7VKCwZ3AdbFAYA44OPSqaGthGJYgggD26U1u  
cAHpSFYaTj8OIHPUnGelAMRTz3+uKVuh457U9AE4HOPyHFJjkFRjl6+ITsA3  
GM8fhS9htOAKafUdkiNjg8ZHfnrSgHBAzTuIYQ2B3PfmobmNpFdAdigfMewp  
6C1vdIMuEgCWi73U4DEck+IW22plu4hmwMj/ABonZFq9zGjgkN/ciV8RNUrV  
xz+AqSFGNk6IDEMhsk8471CfMi27EiADcCe3OBxR2ODx9KpWtcylq2KOCORx  
0oyP/wBVR9olqysNzuORn6d6Td8pJ6fpV9B8qvqxeOV5x701n3A+tC11C7Mr  
Wf8AXaeeABNyPT0rpXJ3scckVMmgje2peg/49gMYxzwetObZ8uOv1pK71Ft  
oJ15B200/K3PeqTu7C0SFOfl6dDxQcAgkY4pj6CHGDzgetHyk9alq7C4w4lp  
2eORindW1H1GHrnPHrTs8jPI9MUDvZjc8Ng5yfWj+AZPAo0uTbUjlxgg85/O  
o5M9qTdyir689eQetPtWjmchnVE7sTxTS1I2RAL2HzNudh9xgHHereAH56EZ  
HpSsr2K1VmSqwXPA59qzXLBW24znBpcthtuxEnUgcYH4Uol3AHgjpXM1d2O  
5e6hyHeMP8uOmf60jMMYXpnqO1JxVxp32EZTs3fpULglV2kg5BI7E07pMevU  
QnKdCASRk9/pVrw4ha7vZTgcqoPrxWsbKRUIsoM6ZDnnJqTPI/P6VscNgOR0  
JzSg889f0ovfRALj14PvSZ59cdqEPYM5XknPvQCAT/hR5Arig5+vtSbsHAB5

otoLYcW/vfoKUMQSQvPblphoAb1GTS8Yxg560BoKFPZiDQNwPB/KI1ATPTKn  
8qa4jIO5B+VMpGTeMpYkLgewqB+Y8AVhVv0OinsZ9iBLbkAkbnPXr1qRkCDZ  
u6cDjoKIW2ZfXQcfeznI7DrUsL4GN2Ae+eITLzKS0LKHGCBn60/BYHJpyS3  
lv0YxgG+XBB9u9RFGFGX5VxjuKV+potEV5I9uM59PpTVUNnqc9Tmncq10NYHK  
4GeM800kqxzjHWtF7uhFr7BvAGDz6U5W5yw4xQvMlqSAgMcEA/rxVmxQLFn1  
54q4XvYyqqyuXNzfWl3Fh1/XirVjDyFz0J/WnE4zk0WSBhnHXikHJGOfrQrb  
oG2OOQCO+ew4oHoelJNMTEwQQB+BHNO5P1pvRXQCc/40p4xjHTpS9BiEsB83  
+FAxSFcehblxyPerSqCPm7U2r6hsTW0IModTkL271oKRjqOKI7jQ4nOP84pp  
z6n8KnZalWuNzjpSHPfAoFoRv055qF+mcjPoTT9A0Ob16cNfRxf8803MB6np  
VAfdA9uvrU1OZLQ6qbVhPIMmCeQKntF3ShiOMc8VDuzRvsTty+P50jLuYFcE  
9vUVC9Au0U1xtwKcoJPy9e9O+trCdkWEjUAFNx0JpkihRkcjjmh3eg07FZJA  
GZW555x6UlofK82HvG2AP9k0a2la966JLqPzbOaPk7hwD0rn/CTiPxBAkp+W  
WNk98ZH41tF2RINLm3O8O2B3KjGTlG05qo120gkBb5uoHrWLu7sxXmXLaKJ  
9PXeFLMAW28YpXm+QpajcQPyFRbWzQ9zOjLKsjTNUZDn8PeraDz445OFEigj  
nmteVct2hXexEjrGJsg5DDg+mKp20hdbiJAX+cMuOvXmuinblWglrdF8WgYI  
nAAzwM1NFDHduEalm45IAxmhqzLVuXQeOOMY9aVSW78UtUTZdSVY94+UEH8q  
sJbhGy2CRT6C2Jug4Az7UhP95qFoG4jMRwMEetNPzfeAlxSQbDd2fYGkfBIP  
AAFPYAU8YGfpmkB3DgHFHQXxo5BBpcjG3H40wEHvg+9ITgkKP60tncOgDJPP  
B/KkBGTKdP1p6CAAnJyRikOOg6dBxSGMI+p7cUmRt68+9F2AKvYdcetGACevP  
UZyDRe249wwQx7444703cuMYIA7UPUTdthq8kk9R+IBJAGCcdetO19BboYfm  
JxmncAcc4ofYFoRkkDjr61FLF5ku1nwhXt60m3fQZWSQSRvHaKRjnd65706P  
ZHDHgl5QME9Rmi11YeqZE8aR3aTS9Wxt74PelxJK7ghRGQcAihe7qht9yqjl  
6BkJ4555pQxHuQaCG2xQ2MEjJpMjGf5Uh36CFvm/8Ar800sd4A6DoelCTT  
12FurdRhcZAOTShuQeSO2arRbgnfUzNaB8u0Y/dWYHJ7n0rpXb5zjODzgGIK  
zLjexoW2DagheenI6U5sFfxke2RSutCd2IBuHPr+tNz8x5z9aNLhYOCO9NA7F  
TTuxJAcDsT7Gk6v1yOthQLJ6AeG5NG7gHr6YpNKWpTuhM/Nz/Km7j35FCC47  
HoefpSHdyBwO9CstxX10GtgYBB+vpUT9eT06cU1a1x67FVywUlcFsZxWBazy  
w3uH+cb8slHMOK1aOm0m/wBlj8MSaRrGlvNqNy7ZvVvW8tCcJDE7gR0wB+NN  
UAJsBJRfu5PRc8Vc4U+fnj1F77bXQkX7rdc1nyAZcfnWU5WQ43voQbySfSnF  
lx82N2c81yJW2O7di8sGwxDZHOeMVIFAZjwAcfL7+tNpJWgyHIHbGar5wW/  
iG4Hntx2q4tPSwruxG2Si47HitTwtza3bgZXzyOe9aRWpjU+FnQIM88gEc+1  
PyAATkH61pe7scmouMdSQKOvbigBckjtRjrgn8BVXsDVxM475HbFGc+p+lGg  
BgBj/SjODxz7UbokUEE9f++qU8nHTikxrUACOrfnSj2PFMGtR+c9eR6UDHvg  
epoW4xM+h49jUEjyyQRihO4GTOWJHf2qvK/l27uSdoXPfYTbuzpp/DoV7cN  
FAgB5PfNSMcqT1I5NZ3XUtK46MMQsckHrim42sARhTnt0NVfXQtEizFADjI9  
P6083DED5c46e/1rP2t3ZhyCFpWBYAAfXmrC5Crjr60PW7KaSViORcrkjH41  
ATsJG3pxkUQs0S9BGbPB4P1qIrlTzjNX0dhcwzAYHI46Um/Aztxtj/jQmrlH  
ulSSSTnntWpCu1FUE+gPauiLS1RhW2JiQWAHTvS8Ec9u1Xc57WFlyOPY6UnJ  
bpjsKSYD1JHX9aBgDJPHtU9Qv0FHTrjNID2/ITcYu0Y4J680pblFK99AVri  
E5zxyKTHuKe2wnYU4xyGJ/IUbc9Of96i4rE0aISDVjA/hJHHbpQmh2LtmihG  
cjin3PWphwP64rOTVykH+7SE574/GlcY3dxwPwxQcZ68UBa6I9ze2KhdgASSM  
CncEijnmNzcTXBwd7FVx2Az1oxj2FTLVnbFaWEwQT8wGMfr0q7bpiMEhHJPX  
rWbeg3oSOAWJ5/OIQ9Dx9cVEZdSXcz0Gew68cVMWVTtTBNaN3ZPUjMpAPzY9  
6eo/dnGORnBPeso6O5T0RUkBDHaOTxSSkR3lvMR8ko2HnuK1iyVqaMYwdzcg  
ccVxUm6z10MCAY5hz2wcc/TBqoP3mZT+JHpNwiKSZOQTuGapvEBGsgA65zWU  
m72IVmSWzCJH+fKqQRz0FWZHMF1iCIMEcZjgFTWiuQ9yisbC5uo1lbehYE9B  
jnmmHP8AZ1qFJJVMDA5ODmujRxsQlqWGty8zSZOXAzjvUkCRwKQkYHqWHJov  
0NEuVE6IT0GPFM9qXUQ9ltxB5zVqK3CdcE+tJpjuS7QoAxz3PUUfeB5AI7

07aEjGIU9aazHPHfkCn0C43djk5P4cUMN3bNJXBi9BgU1 ucChDtoAyBg5+IA  
4Yc8mmAhPakAypwRgdu9GwlqIAc4NNJ5HXj0ND1AUnOMj6UnQe1KwCkkrzkn  
3PNN6LStdgRnaWP55704gdT0qncEzXzWKM/U1OtyXe4mRk5pA2H+bg/nVMb  
EY5PUfnTcdB2ouAdzScZOOTRdkuyGMcN8v15qCQZmjLOAqMDkmj0KVuo2KNn  
aSKFWij+YFu+e2KTKW8RVBI1Pjxx9RTTTBuwxcMQ8gBYdKe2GYHrjqMYpJq+  
pTiVvseDiL5VDEioZY/KO1geOTzS8iWiNsk8NxjpSBsEehOM012JuNZwCSOt  
GQ3ynPTkkU27LUrRjdxByOuOnejPpknHOPWoWo4xaexQ1tJDbQnnAIDY9a6Q  
/wAJXuAaUmm7Gipytc0bMn7IGwMZ/Glb5j0x7mq5bGb3DO1eOajGCxduCKdr  
iuKRnGP1puBuA6imJoOxyP8A61Jz1OQBQw0Qp9O3qKRThQDn8KVug1rqDjvk  
+nFNB4lxnBxSQt2O56d/0pDndxyO1DWoxgIOSKjlf5enGOSe1D8wvdHOX+oS  
jctsBnBwfU+IWJLa0ttJs7tJ3Ny/M6FcEN7VpZNVTKV0rk9j5Ut49xExcqo+  
U+pq8rEMMYGPap5baXFzNrUIAGGyefes9xhW59azm1YcFqQIVA44Uim79p2g  
ZJHTHSuZ36s9CxJt+6GOSDj61Hh3AYXn600+bfQNthZgNhxzVUj5Sc8Uotp2  
RL2uRzkClv2A5H+Fa/hZSuiRu2PnYtn2zXTHyOeq/dN0HAX1/GnLkdMY7cVT  
RzoOo45oX7oyDmn5BsK3Trx70igE8cfzoSSAU8/QUnYn17DijolM5Az6Uo5J  
zwaew2KMFutLT3EAI/8A108HaP8ACIZgIMYOMk+vWjoeKWtwA/QZqCdisTcU  
DRiynNwMduDVbUm2WblBncRx681i97nXHoibYFiAx90AZNV2B9cipdm7tFRs  
iymdgXrjp2p5Toecdqh+67soilYE7se1TxiTWryOtRuht9ETOV2YHT0FMjyv  
GeO1NXtdCsKT6DnvVedcJIPOaUHZ3aCyalG4BOM8Yph4PUH8a1TsmgvdWG7u  
eOaN3UEHOcdOtTqyXHUel90iKeoNaijsTggVtTT5dTmrN8wsYC8Yz9e9OwA  
Tjn0JGcVd7syEwCOcj8aepA6Z/GqYbBxzg/rQTK4HNCuFgyOuMYpw6859OIO  
wX6CA5JFTJCx5JAJ/CiyGL9nYrEMO2DURQq3zUWEIeT26U7r2GKLA+xMpl/  
r71Kr5wCODUWW4F4MQijGAKeGweCfwgQWhBJ/nFIT7A/UUMdrgT7kimk9/yx  
SYhmcLz+eay9aufs+myMDhmG0H3NXFK49jnY0CR7fQd6ex+bgg+9ZuN2daFV  
dzkAHntWkVGNmPyqKisXvoKB82PXpmmBTvOcAetZczTsUrMohtq4ToRTAch  
jqOlbaLRkPa5ExpDj7j1qeJidy9iKcklbQpK6CZPmUdx6VFOhm02VVALx4dA  
PUGpj2J2RaSQPa28ic+Yu73rIPEkONTZI5WVM/iK0jZSMaiZ12i3EI7pInO3  
J8vazdQccfnWpOqJAI/7wJAHpUS1alehTCMNKZkAYRfKxzzg1Jqd20FpYsol  
DxlSSOePeuiMe5k9RuhSjQtmW3ztUFC7nAJ9K00t4IlgUVACPUU27rQfLyISQ  
YGUAHrioxGCTuzkenSlayK3HLfk4XJBqdIADz+XaiNym1YnVVXBGbj1p3BOC  
cZol3GEgDtx2prEtjHH6U9gGHrmg9OeaNGAmSDjAJ9zTsjAxmjZArCcE9/qa  
Qng5ApeQApAPz9KQ4x8o49TxTGI3X8eaTnPJz6UEiemBQChjoaOoWF6e/vTW  
ye/XrRa+4/QCckCf0ppxghgPXBP2BjSCADt5HrSnjGR36UnqGzG5+b5RyPwp  
QM5YA57mk7oQ0gZyCPoaRurAA47Y700MaeOoo7nsKI2uAn15oO3AHeq6g9UR  
MPmJJwTFQypEZQZlyF6L6U92K42S5ZnUlul8DJNQqCoYAZJzg5ycZz1qZPo  
jWOiux6DaBuwx9DTgrM3yqaPMLikR7Ms2GP1rN1Fj54ZhyQKdlbcyTbIYqbg  
rc9abkAYz6n6Zoc0mXGGuo5QjAtnJqF5k34B4BxzWewRGnKlqKbqNQT8uO4H  
b2qneT7gjQvgjlgP5UcklqkU6itozP1TUTPbpFs2kPn6dK7BidyE/wByq5ba  
mfO3oadp/wAegwD1p5yolPOKrrOzVqR53MMHlow2CCM5o8hMXOeo5prDkcfp  
Rsg3Y3H1H1pCQOoPsKYtw56UZO05656HrSem5VgBwORyTgUjZPT6mk9xjs9M  
9+etNOP89qL62F0Gk9h2PbvWNqd/shZleTkhuavnuF9SnYWSIqSTKX3EHBVN  
ZJGm1I1kOSjDA7Ch83LctvmdjV0raVuGUyAfB/StEDkcfn3pqVIZ7ktWJAXW  
lj3JrNkwAwU5GegqZJtNIRcblbO/djHofepQmHDYOTwD6Vxp/zHar2HMUw9  
/wC9Th8rDnjvzVxaeoS0FuHGzOPriq+Mzy3AFCutQT90q3rqthcMCwljODXR  
6DHs0CwBHPIDI966lc2zRy1ZLY1IBXr0p24DjGK1fYwbsBHHXBpSDzwaS3sA  
h6cijPIORTaGOJGOQabkHocj261KTB2E7n1p3BGRninfuK2oi59RgDgU7PPH  
3qHqAbvoT+ODYFPUAHzh270rcY/oaNhhjWbjlqrdthMmmCMeP5pGY4+8cZ7i  
q99iSWCM5OXBVTXK3d6HZsrotXADOVU4BPINvyOy4yaXNd6jirot7k2gxfAd



CacG4x/kVD3H0sRMd3OfmpASp55z2FLqNIJ72C3iLyOox2B5ptlfRXsReFSu  
OCO4NXyaEOSWhPvyMDAK8UwEsGJxjuazdyiCYEEIBnPYUwxSFCxTgDPFX0Wm  
oXQwK4yGH4imkMuCDz3HtTV3sN9yW0UtOzsc9h7CtQHjdnPPI/xrpWiscdRK  
+gqn5RjH9KdknggfHTRmKo9fzNL29x1o62HdBjA44HqCug69Pxp0T3FJ45zS  
/Tr6UWE9yWIZ5HWpTx1yaLpaArsOFIOAfoaeQJFK/wAXY0DukUzGhGBkU5Bw  
CO/OD2pWC1ywAcZGamtUSack8qRgDIL+vpUgaRsLgKDGqSD/AGHqBIIQ4kid  
T7rU8pfNcTO7tikBx3pMoQnJ5JzTc5o6WJsNLDtXO+I5BJNb25OcNuPPbHQ0  
R0LitSjglRzgdqcgym9Rjik5XV7HUtNC1aRh5QcZAq4EJOcDNYOTegm0LsAB  
PUVXUq8wQHvjPpRqC7maVwPIP4dc0km4EHGCSenStN9iVtqNABUZP3jirT4j  
83XpUO5cU9iV8LjuvrRYc3iVjtV+OeOKblyu5DTIbliPz7YqFET/ACj/AGTz  
Wd4liL28MgBJRiCfUHFaxve7llrEveDjy2hXUJbHkS5X6HNdAjFtkrAFSNoJ  
9DVKHv8AMc8pJiaYB9ouLOVThgrj19DVHVQ914eaFFZWgfcJMdWema6F2Mpa  
FDwHMMWtbmAnG19y+3XP611CuxHXOKztbY2lrqOSchuRjnt3q4sCSxiSNgydT  
zg0nuSkIVCEYyfYUu445/ICmDGhiTz0pGyR/eFAhgGevT60nG07jz60XGLnk  
ZGSPekY7iTz9aS3uPYB05yffFKOen60O3UTuJ/F1pD1B556UdNAUGrTGQeO  
tKfUCI5DuRkliM9PY0vQ571YhrfgfbvTeQ3fPT1oFuPI+bgfnTSMjB49gKTD  
YR8r2wT79KTV1oT7h1EY5A25LAdKCFIA79al6jGvzkLnHag+3P6CmgYnJXOR  
703IAwCMemOIMQA4BxnNMIWdmgBD0H9KM8Zzj0oauF0Rkng8Gq9yqyBATgDm  
pV09AsnuRjCghVGCpyp4I68AnvRa5qySGIkgnGeuelTgojEIDgD0prVksj  
LnPGce9ZWqSiOSMv1xgfSnLYIGS94B8wDcHHPFNS6MrtgH5eg71IaxtCSlqi  
W9IYQFI+XtkCqKMOC2TwOp61pT11RjVbTsOwFLAEnnB+tMUNulbBx19K3W1k  
c73Tb0K2oqAVmxkM4Pvmu3kVvKrnOVB9ulc80m7M6Imhaf8AHpz0J70pPpmq  
SVtAYYwDng00n2NSlqCYmTnvQ2QwPX3NNK+4DSuRk5xSk9OMn1NVbsLYQnK4  
fvSjkdMD3qXdhulQd2SD9e1LjPuaNh3uMPYD19KMjgkkgc//AK6VrvQcmkYm  
qag21orUhmB5PaqdnbMwVmJbBPWrbsKNtzRGxSST0HOOrF0+MXuuPEGVWkY  
cscCpcHJFKXK22bVtGbaS4s2ZDJHJksDKH0q2MFTk8cdTQIZkqSY4EkY7dOn  
Ss5+UfGRnmiWzLg9SKJAgAzzU4Hyggc1xJXvqdvYU9Djp3Ge1O8lhkZx0Pp  
TV1sJ7ohnVhHt65H51DhjkDGSAM+IaR1jqDfRFDWHxpUgAwWwOOO4rsrBDHY  
2ykYGwYB9K6EtDnraNFxATyMcevFSAZA6U9DDcO59PpmkB6HJ+uaFuIXkdef  
TJpOw+UE9R60XBxG7jvHB5HX0pTwev5UbMLaCjA60o69f0pSdkNIU5PTigA5  
wGJP0prYGOAwfmXn60Z2jt+NG4ADjrwaM8HHr3oBlaxweuTVK+Y856AUrDRk  
oQXBydpPOen4VDgyarFuP3Sfz9653Zs7b+7oWbjBuZCDyW4qPJDkMZ544qNu  
gltuWGiEg3k/MOB6U1QQBg5wefeh7jT0F8oK+5QdrdAO1NnljQsRjHrTupaD  
ucnqE7SSlxz2A65rpdHtIsrARnPmMMsRWs1amkZO8plk8nkH8KdpYF5LdB8f  
uWC59cjNZwjzOzKm+VXJntzEx+TH4UzJLAYH9K3sc3NdjXjVz/ffWqrxOrZ/  
WpIFrY3pzWxNYJw5xgnv61c2kkY4PfmtE7LU556ydxBnb/hTgflBHSq3ROwp  
J7A/WkP3uD7c0thOQ7sBjH1pScNg5+INWGHbX2z9aUZY8fhzUg9SWLIJAGPw  
qXvkjir6E6hnjnPWnqAh3YOAKTdkD1KhwWPoT1qRQcckf1qRkv4ZqtM4MmA  
CfwqJ6RuaU1dhE8kTboZHRv9lqvRazqcfDTCZfSUZNJTtoaypJk41mCXi909  
M/3oWwals40ufhLiSF/R14+marmi9zJqUSY2LsuYJYpV/wBhwTVSSGaM/vl2  
A9xRa+xNyJmA9fxrk71zPqEjnpkL78U07J3NYK+orDIwOv8AKI6Nx0xWO51X  
0Ldq2znOAeuau7xkEH8ahKxm9WRXEzSIViIX1yKW2iSPaV+8TnJ6GknqVayM  
kDcDnv0pmcZBwR+IUktmS9XoJtVhgDb9OIKnD8gYoaGrosSDMfXg1XLbZVII  
x0H/ANapTurD06jrgiLVYpv+Wcw2t6ZA4qDVEEumyx4Pr7jmqs0rmd01oZ/g  
eQDWZbZjhJ4Dx6kV1UaBrdIFJwqMM+9dkXdXOKaXMKsm24imAlbAU47VcljD  
WN9EOpw4/Gm2S9jffCcn2TxA1rniRSMfTmu0UbcjOSKjc3bvGLEA+Zffp9a0  
9PdWhKgk4PpihoXQjzkEd6Nz8YX9aQug0jPJ/Sg8/wAOKb02AQe+KRQM0r2D  
zDGMDbxQTzyp5UJ3BCOTnIGcehpRx709BNdUB6d/wA6RhjH+c0WAQEY4zn0

NK34Zo2GMPGMZApRjndnHpQ3oCQ04ViCOe1JkluSKnWw9xeozhs/WkLZ7k07  
dxXEcZ6ZA96YSATtGc09BBkY460DsAD9KLdRobn5uAKDzznA9KL6iaY0BRy4  
zjuOKVzk+1DGhuCWOentTOe4x7GhNWC3QGOOR0/OmE5ORx/I020TrsRn0xVe  
8YQ2pkYEnPAHekrPYtAiswBx16CrccAUAt+WKjUptLUex6qOwHGKYT271p1I  
2GckH1rD8QkrNA0fdSoB9aUUnImTvExGDGPAGMDbnH61Fbs8Vwm0kAHk96dS  
KtoaUtHY1LwJNCwDck5FU1J2gHG8dQOeBwVnq9ti6qla7FZs5wCSepqSMHBB  
zg9c966UupyXi3uVdWXZa8ZBDDb78115YSpG/TKL/Ks5XeprGeljStTm1ABy  
Ax6UrDpn8u1SrocrNjRwT1bucUhJJzyPbPFUTsAySSeDSsQTjJzSZS03G56j  
ByO9lowckcnrU6JaiVqlc8YzjtmnA54496E76jGsMMM54/KhmXkZ47c1WrAR  
8CPJHA681i3t89xcG0sTi8Hcc9BT0a0BRT3K1jZF1ZU5AHZPmr81xaW8JAKX  
PcZ/WlqwnZbGdcXsb25CuS2O1c8xwzYyGz1zg07NC6F7Tp5YJfLibe0zjdnk  
n8fpXUZ657dKfTYSumTtxtEDOCXPp71nZwG3H5s1m1dOxrF66jcDDduO3WnA  
AY6+/wBK5Xt5nXvqh2CRnnpnTIZjIOSandFPTQZlfmGemcYzVcAgsT932FaQ  
lugSKWqLvgjTGSzhQD2JlRtUGxUXuAB/+qt46o56zWxMDwcd6k6KBkH3zVMw  
2EzzgrRnPHHB4pkju459qQntjofXrTsO4dc5BX2NIVyOOfp1pJi3Bd3cDj0p  
2TnkUPUalPtVIHqtnZ6hdGzt7hmDXJI2x8Z6ngc8ZPAqSLR7HXfEdzpuheKF  
Y24UI7kSMY4BZl2gK+CQO3f0pxpylt0D2sKfx7Mc+m6houqz6dqF0t6EjWRL  
iMbc5J4Zf4T0yeCDnnFO/iyemDjSu9y6nIn7uwowcgikPPXj3p3ITE46HvW  
XqEmVcDIHT2qJSSio6szosZ4POOBS2i+bqxI5SNc47HjvWEUnqdLuloDyBpH  
bnr+NEGWklweP1pKMbXYJssuxA4Hbr/jS22JELDpmk2mrorZCjAwQM54461n  
a1MZN0EHZMBkkUuRSdwvbVGPotobi7aV0PlwnAHYnFdMnLZJzgd+K2nLoRC/  
xCq3GcfMD9KZoG1bOSUcNLIW/D1pUviugrP3DbDA4D/NnpXUUIoCMxDJ9McV  
s1fU5YvoVJI2QkMMNUeRnaRknnJ/lRuXyqw6PamQq4z1qUkYGCD7d6LEndQ6  
r0FB6HAIOOM9KpdidL3DIGPT0FKTK8g5pdRsMZHPi9DSkEkDJ9qV1HQFd7hj  
A74PWgden4007j2Hq2G9qso25QeM9/rVEjGc5P50yWXK7Vbv19aTAgGQ/H4  
mpIb7VK11DUe/CZJP1NUfvkn19KzqtWN6USQL7f/AF6TBA6cA44rnulqjpaE  
JGeeTTHAIII46U+ZrQLDSdjbo2ZG7bTVmHVtQh4Fy7r/AHX+YVopW2IIBMsN  
rXmRIJ7OF2x95OPzFc/JbjzXch7xzi0qvaKWgoQa6jBE6g45H1o+YEDaffin  
vojROxOjEBdn05qQ/KTYcetZax0GkSlvP1FTjkgL3PIxWezE0Y/OCVPbmlxk  
fdzW6jqZt31QbAV/+v0qMZznHFQ97lqLLCcjGMiq7KNpY+vGO1StGCvEdqCl  
7DeAWkXkfQUpPnWwVSB52AGqru2pm7anKWEx0/X4JMkbJApPseK9HgBW4eDP  
AbeGPfPpXVHSJzteZUVIJKjBIYZIPoakt5ZJ7SeYFVKKA2T1octdBOKsciWa  
DxPA4wC0gJPQdK7sgeZuUkA9sVEeps1HIVhpJDD5ufpxV3TiVkwOd3T3qkrG  
d0TuuJW4wKjIOBngUxEbZB4HFJznk0XAPoCfekwA39KaAU5A6GmnAxkZpPyE  
Ox0oHBPBxS9RikbR0+X09KaQD1oTtsUwxxjAx6UZxwenr2o3RLshhUEf4UgO  
09DzTtdBcQ5LEmmnrkDmkldggdeKTkcDkCnuMUnlyDg0zB68ZPU5xS2EtxoH  
ygnj1ApADj5uuePUUJ9Ae9xGfngYGe9B5z3lqtwuxoOD29qD1JPQUg3EGQxO  
Tkehpuct047eoqXG+qH5DT600gEjIwAc01qGxGckn26GlaPzNo2ZwfTpQ77I  
dydEEa8Zz/KkZiwAyetNITYxuvqaaec8c5xRdbB6iE/Jnp2rF19SbeFwCQRH  
OKcXbUU1cxnJllzj0x3qOVBnn8TVy1joZ0nyvUfu4547c0HI+ZAS3QAdxXNb  
W53yaa3JkAIPAGTnHpTiCHzz93p7102tZHnN22INQQPZncMgnmuoCn7NE/GQ  
oyMdvWs5W5rG0fhRpWZBte+MnntTsY4Y496l6KzDVsb9KD1GKXQLjc5HDc0h  
OOnJ7c07WB+9qxCwA47nj0zSrijz170nFsL2Ez164Hc0vQAnA4+ICVmO9xMk  
kHn2pOI42dx8o6Gi/QNdzB1C/NzMbe2baoxlqozeVbM5ibKdDIDy1NaoL8u5  
VuNQmITZHmKLHRTjNRRqXkRXyS3XHWtW1GNghDm3HNFsZ8bsoPzz2+tVZF3g  
nPzKOfpSSaV2VVjyNXLMMypbxCOMiVJAd4HOK6VJkmRWUjB5wDk0t3oZJu+r  
0J42GG3ZBxmQZkQCeSeeelZNPU1jvYDHTJ4OOoNIWlCdeSc+lcsrx0Z2K1h  
5O0EMMHjbn3p4IB54OKaUbWB7EE7jsmfftUe/acYPPNElXbsx6rVFSdVe9s4

yPvyj/JrtMZcZ6rXTGKhoctV3ZloyOevXGKUAFQ0/QyHbjng80mSOCM09GgH  
dRyD9KO/tRuhCDPQ59s8ilx360A0IO/GfrSEnOf/AK9OwdDM8RtG2meW+zc5  
+XPJH/1q56zimGp2dxHHPbsXKQyxs0ROByVYYP4ispS5OptGEKkeWaOp0iGR  
lp5rmWWa4mky0ksjSMccDLEknir55z3q13MnFQ0Qdhxmjcc1XmJCMRgkDkdq  
wtTbkLH3PP0rKXwtmkNZK5SU/eK/w9qk08gfaZj7Kv8AWso6ao6p7ByGlwMe  
uealtckt1O3j2obBPoTv8w7VAsPlyEKcAjPq1h3JHcRxs4x19qyAjzpzFH  
kNldzH0A5x+NXDciT6M24reOKLbCuATUbKFP0PrUyd3Zj2RVIn2WrvnGB37/  
AEq9pKiPToEK4bbk59a0pJq5jVeli+pIIAJqVGKnpj1Fa3uYWHYjIGHGRjr/  
APXqrPabT+7yR79qVtBlp9Cqxdctgk9+OaUk8EDANXowkrLQeHzjPB9+1SZx  
nac8dKT0M7WDBYMUuPWiwWE9+D6EUvAAycULYE2Cg4OMHngUEluRnB70LUAH  
4g+9PEh6jIH0603dsew5pGPBOfRtC8ndj6DpUK7YtRVB9Bj6c1Ogk4/pinc  
YkrE8DqfUVAV4xisKiR0Urocq2kZPHvViJt4KsFJA55rnlob9RWgUjjiJLY  
hRtl+pp8xSIHhcA5XPc4qFkYc8gd+Ka13G0MCKZJ/AU0r8vTOTmtY6iDaB04  
pozv54B71CctyXqIN2DyAe2KUepP0A7VLepRJAYkFWJDe3U1KpO8A8DOOeKq  
T6EXb3MpivGM7iMA+IOP3QvIGau7kNJDeQxwTjH4UFgMgjBPFJct7A1rcmjJ  
Cg5GaaYwQQcAkdO5o5UhNt7EkeDEUP057VnWO5YhCSAYeEJ9+9VGzZHKYHiG  
2NrqbbeCQGx6111vdvc2tpKrnMiDpwcZrZy93QwjTTbJTUErsT1OM06AsEZe  
x6+9czla7GtrHO+JInS6S4ycDGCOxGPYrsLOUS2MEoJJdOa2pu60DaOpO46d  
OvPvU1txMMd60bdyEkX58swPP4VCx98/59KbFfoRt0GAfx4o7jJHPagAYcnn  
B9BSHGAEtjvRsAHkHrj86MHb0yvtRoOww8BGB7ECKwOuQPxo0J1AnnrSHBwc  
5osCYmfXP4U5sEAjB5+tFgGAejg/iKaeMZGKvRdsBGcZzRkFTFNGLLeo+IDf  
MuAMCjYVmhGxhyAR2FMBJ5xx70KwaiknbgcY7VGvXg8cdKADOWOSev4UAdye  
f6Uh7sQAnC5Oe2OpFNlySOp7U7g0IWIPAGO9NJy5wSfakr3J1GnHckc9BTS3  
IIPHoKpjuPjduTIR69qlztAVSeOvvSfcq4wEknPNN6E56dqL+RNhvO48nHY  
U05xnA560CsGAOPUday9ZXFooA6HdSv0Q3sZEcauRxxgnJPeleAMhwMdvPwq  
bSsZq1yPym3EEZUinmlggknJ9Kya7lubtZIUdAcAHP507nHJyc5Gev0rVWfU  
57yvaxFqQH2B5eNq4JH1Paukjb/Row38Sj+XSo2Z0QVol60/49QMHA6D2qQk  
nk/rUuwxn8XOPwNI2AOfr0LUBpzuyOIDc7Rg+1Nh0G9skfh3p2QPXce9PcY  
YJyDjrS446Um0gGNIqpvYkADJOK56/1CW8fyrc7YR/HUtrqVHyK6WzSWryQR  
kRqPvY+8c9qlGkXFyczN5cYGFUU7uLsDs9WaC6VaxWrRqq72XAY9j61kWsXI  
ZmlJDLnH+NKXNjRhrSlqU5ZIMbQoSru3F+5NVWwmFC7uBk/41r71jLEVI1J  
2RJBMOtfwn3jgj/Cn2jXYx7uDwah6XalJstDZS8kxjeCMdzVq2gZVEj8sea  
5nUaVjeyepNt4JOcj3pAOOgx7U9Hoyr9BrRAg5yPqeablxVBhck9qXKNvQgl  
VljCEj1JB/IUO7exyOSOO2K0srpoFtqR24363Yjg4ZmlP0rsIXJJzyfU81a7  
s5qtnLQeQR0ODS8Anjg9M1VluidhScc4OaOCPSpt1FcT8aUkehNN3Cw0D169  
6dk8561QMUnij6HNLbUDmFDn7fFGOR5Z6dvY0i6le6i9ha3Mm6KwjxAVGNv  
bk+tDimvU1tqmdQkRijVB2HJpcHrnFGiMWxw69cig9OKV9bAQyHCHPNc/qTF  
WDZz346moqWsbUU+YrhiVJP44qW1XGkKo53PncD71IDRWOMqMtjPQHjirljt  
eBmBwM8U5K/wksmVQWA5zVe6njidUX5mPpzWVvMe5Tv7gbQplCquW9Cewqzp  
tq0MDXE3+tlO4/7PbFXZLYjmbZbiuUdynA9hwcVBIAWwMj3quW2rK8jN1VSI  
YIA4eQLg9+Rmt2NdqAZG4dK2htcwtq6E2dpwfpVfcT14OKoy2JN2CB2qUSc  
c5z6UW0ASWFJFwRhvUGqkto8Zyo3L3xzSsXFlfgYB/8Ar1IG7gGk5E6biqueu  
Tg/zp3J9cULVheyE54UHgetLzjBxmruTYUccj6UoBPXikAuBnOM4pcZ7YH60  
rjDqMZGfpQM44XP0qdegh6cdRn2qcDA5ANvtqCIJDMtkduMdTTQCDnOPrXNU  
etzqpr3STAOMcGmOxyYEA8Dn3rJxclcvqTCbcgx0p+75cjHPrSdloi0xrNyB  
nj0B5qN0dk+Vd+egU4lohGUMTKXKUzQVJDIwH0qEMGBXuOgPer5GtLFcwFuM  
g89s0jHdgcd9DTvoNNX1GEEek9KVMg+tGm7GSjlfzNPViWGKtRT1M7ozsf  
MWP3vpQc7Tk4GetOOoLRCMMjAGAOgppyvPGe9JvSzGtCSFgud3PPI60rnDcd



DmhSurik+o2KQNMEPQEZPTNQhRFqe88LLkfiBVQVidne5n+K4d8MNwBlidpx  
2GRVzw1N5ujBMZNU239TVfY1MLWkzWJ/efewetGD0UZzXLeV7JFWsZXIKFpr  
TPocjmtPwzNv0aNDyYyV5rqp6MN4tGvjpT4gUIAIX9O1atX0Mr2ZpsAY15BI  
9sZqA5ByODTsLqRMD36+nagknP60AL6ZwB60AE54PB/CmAHIgPlx+FHUAjn0  
waQriAnPue/Wil/vdxzntS16DEBzwBzQx65HTtRsLqB+6CePam5ODwceopps  
bEXnlxik3AnGcelJ6hsB56Dn1FNP3TnvQn0DzEbBQ4NAYhck5x071Vu4vMQH  
cDmmdc46Y+IK9txh9f8AGmk4pXuA3PoM+9OGB1OaQbjAeeSQAQkMenemhJef  
XNNzjpVCYxiWBCj5j3xVhIQDucDI6Ck9xWFZyRgjFNPU7ucetD0KSUNzk9Mi  
mZGcDkGjYTBiCmr+lpuePbpTBsXKghpJrO1kn7PBt4BchvypJahczQoSM46U  
wDJHOTnkU7uO5hKKbuP2hOgzjvnikU4PQdM46mi6aZdtbCYJc4GNwzTvUgO  
OevFVDQhq+5T1EbdPkPffjFdBE261jbHG0dfWpndu5tCS5bGpajFvkZzmlYn  
0B9qgGhmRnnpSk4ODgr6inKwDcrjGOof5Upx8u4896WuwKwmODjnFAPy8cA0W  
uFuwnIOckVXv7k2IsZdm9v4V9frT0aCzOg0KxsNd0GVmjwxBRn9D7Vw+n6ez  
yPA+5Le3OxyeshGa5VK8rM6X7sbo3UVUUIoARfuj0FLkE5rdXexhvqyORVkr  
0f7rdcHmuc1mAWUatC7Mp4Kk8/Ue1U73Vi0y5b2MZVLKdo5HWrcahlk8pS8o  
Xc390CulJcpzqT9CmjEoo3H1JPvWzP9rtj8xgocjAGeB/wDXrPIQ25Jbkjqo  
ZeBwetPjuplh8p47VHKnpYfMydL3j5IBxUyXUJbkf41E4NGsKmg6ORJH2qSC  
Bnk0B1HHy8cj3rnaaOiMuYguSqsApyR+VQYGcr06VpGDeoOa2FsEB8RwDPCw  
k811KYbk8mtkrHPOzZKD8mBnHoaUH5cngHvnmhO+5PQQ8gHnHpSggZ7VXoKw  
mQTWotL8uTnPHtSs7DuKTWtkfSk6HmnmrAxeCOOaTv1/OjrcRymuyeZrLtkE  
xjbdif/AK1O8MwebfSKPuL6+vWo0Ztd8p1mSTkkkn1pcEHpn6VV7mlA5OMH  
2pSRg4J+uaHpsMrzNil/pXOXbGS5POQoxWU9jairyIHJWNyAQR61bQbLKAle  
q9ux9qzd90dEmrkbsFGVHua0LSMJAr7fTOPShXjvuTPyJcMGBT04dBVachEd  
wAW6DjGDWcpabDRmRQm6ulXrHH8z55BbitwzZyTjHcAVVrQSM18WhXlgTzBI  
hw3XApEOTjqM855zT956Jmm+pUuB5uqW0GAyDLH69jWuvYZ4renojCta9iTP  
ABB9KXjcQCRV3Rj1JCcdT3pQc/UfpSVyr3diQE4z1OaslLzz7+tNskiltYp  
QWQbWPoP51SkgeE5bmp5Sk7kZOSMcK+Yg8EfyNC0BxHg5AJI68+1OAwOf/r1  
d0Q9AlxnGeaOmABz34pRB3FG3dg5H0FKAfXp2zRe4wPr+WKVfTofSmTuyZAQ  
OM5qRsqvXNRdbDKwGX3MRz3NP25GSOO9c8t7M6YfCAIhrVXUGdoCYxufNjXc  
r11j5kFjK4XZICR2/wA9qtM5QEgkVE0r6FxFg2srzK787TwMVaXKYOTXTTvo  
nJVfvEmTt5GfwqJ4opGJdR+Wk1Wpmm0QtY2xGVZ09x0qnNBjvbtchIP3SP61  
EoRSN6dRuVmRkjAAP4Uu0BRjrnFcj31On0JQTS9zUtttB2HHPFVHsZ27GKrv  
lcHoMZ70nmMRggE47V1ciWpyKpJDvM+7wPXNJ5iFjnd+NYuHMBqrd2DzV3Ag  
9PwqyWEin5hkVLp2VmUp3IVG2TcehwfpTtRjZrXKD95Gd6nv/nFCV3oDWI2N  
1uP7bobilbvldgKOpz0rJ8JvLi4tcFGZQ+CMdM1b+BswTcZ6nUC3wPmzvPa  
pktmXdlW+bH3O9QotrQcpiahbLJp0wYdsg+IY/gu5V4rqDq64Kj1HrRS3sTB  
7o6YebVznPQijcc7gOfrXUydDUiO6BSe461G/Xnk/wAqeyJe5GVycFjTQCuQ  
3Q1I2KwPTtSEH1oTYhBwMMaUN2zn2NPUaQmSSwo/hGe1FhbMQdDjNJJHGM+9  
DaGDAITjgfWk6k5xn2oBsNygkjP5dab3yAADU7MBHwAcL+Vlc7femtWYgAYd  
CPrTSDnAobdxIRTKcdPak6noAT1yKb2Aa2WAYDx6Ucc980tx3sNzhDjlxSHJ  
P4UPQN9RoJ24OSf5Ug6kHn3zTS6hewjHj2pFRpCNg/xoVwW5OqBMgEsfWkyT  
945PbnpTYt3cjOCfWgk445oAapJGMDPYYPcMEH0oYIQruHGQeuTSE8nBxnoa  
XUeorAbhgcYrO1U7YYyMA7uc96fUV0tWZiYIPGcd6csY2gjqev07U2Zv3gKg  
ZJYEYAAHb3pwUY2sOg9Kbu9kK2u4115657VF5mVY+nt0ocmGiuiC+JaynDjG  
F69/pW3asHtLdvWMHFD12Lpu8TWtCflbkKHp9KeQcDAwKhou+ogIA56+9I3  
LdM8VD7huJgckjBpDg4z0p6sWyG528ngVG00ca5dx9DzTtJ6oL2RWfUrdW3f  
ex6VmS3DahdkyYrFbRjYnjqS0sEL/EzufAMc0GjvMyhbWc7oRkZPJ5x+tY  
87oLyfy8Y35wvrXHTjaTNqktCPPBHfqOKXapwa6JJrYyv0Gu2FbB7Vz2rJO0



oNwo2g/KyngChNx6DVupkrmNAy8gg7vzpsMrQu7A4LcE/wBK3VlqZyeoxIMg  
zn8K17J3aBI5OWUcEdxTa1diZ9iwV4wQcZz07UwIOcDjOSfepWgm1cU4UHIG  
c81GCPIb7p/z+tRu9SIJXHxgpnO49ulOEBZYk43YwM1L5ex0JPoxGic/dJOO  
uacY3VOFJGOQOv1obVtDVaOzF0ZN2vz784jiGDj1zXURjAwOfYUJJPZmMrXdi  
UnuTxSD73HA+INJkB3xj/GIA4znoeoqgEyc9OKXd6g8UeoXFLA47UA8kcn0p  
bBe4o6c9aPIGWzRruhHD3Dh7m5nlJDPwR3xW/wCFUVLOSRI8jnH0qVzPvm2  
iTRuAYA/nRgdQf8ACmn3MrBwCcj/AOvSEEocYA+nNUKxUvWwgGeK56R/3rEf  
Nzx7iuatqrG9Bu5HlfkYHqSBVpvulF4XHI96UU4I6GtRjDI29T61qW5VY1Uc  
cdKd2xTkiYgZ6A/096w9QuGef91njhfc1EdWS9rmhZWwtrUKDlly5J5zSyyE  
ZGc/zpuUmyY7Dk5wABn1NAjUg+p96VuhSdilCfM1uZhnEcYXkccitVDwOPzr  
ppq0blwm1zDx1HIJ/wBnpRnkk/nVmRjnnkDFIckZz1FLYZKhXvgVMp4O3ke/  
ai7AkUnBwTUuVZfnyw+IMEV57IPzFgn+6Oc1nyJlh+ZQP0qGm3Yu6YzHc8j2  
p6uF5PPuaF2RDaHqwPr9M0dP8801poAg5Xg8fXFKCep4HWgQE5JYDkdxTgR  
nB9O/WIZ3C9iwhAFNIOFOMD0z0pN2QLcjU5HH3h2NDzLHhTnJH51zK8tZHW  
CwYcAg1GRkg5IB61Mm9kaR8xGQYIPX60jZZPKXBfjrRa4n3LEShUWNOAox9a  
l6H2+tdii7HI3d3EJJPTP4Uoz0PIq0rE3F2ELxux396p6kQ6lhGdv9e9TLRX  
NKfxlohQSSx49ac0Y9OP0FcTlqd1x2ML1Jp8eS4BOMng0JvqRJaGP5qhxIRk  
9800sirnOchGdtXamzim7oaGBGC2fTPJoAQrgHJHWqdiOmgLEWfajA8ZpZYp  
Y1G71zkdM0p3ui4yutRpDnhj261IssoAw7emDSsrbDcmlYanmwQ+SkjIQOPb  
NM01Ba3DytJ5jOOC3BH4/wBKasZDvvc1JtSukVDGiyIfvuPvAe1WbDUrURyB  
ncfKfvcijitVGKjoZLm3Zj6hqV9qVwbawgMETDBLHBPvVHwoDZ+IDE5wZFKj  
3lrlSjayOinF/EztgxyQRjseOtJn5cEVruSzTtG3Reo9aWRWAztGKXUREwG3  
BwPoaQgk5yP6UxAdx6Ck6thR9aQxBjPHTv3owATgg09QE6HAOc0p4A7Z/Kmw  
ExzwTRg56jPrU+oCD73A5HrSHluwpoLASPx9qawBPPHvSd2A1jhfl69xQQQB  
gZGPSlqtAsC5JznI9ab1J7VQDQCPakxhsdx79aASaGsd3BFNz1AHP0p7gxrH  
PB4NG7A60Csxn16A8UbgBx1PH1pXuJdhYRFhuk6elTMQnGOPrzS6IXQzGSSc  
YxTH5AI/SnqlaMAcAUHOeeOOmaADIBPc+ppGOVxjHPWhLuJMZ/FgnjHbnBoY  
Z4PJBFO49wbBbOT9c1n6oN1n6kt+lJu2onsZyhgCBxk5xThGzEMeMdOcVaaM  
rt7CY4XPQnmnkHdleRx+dO+g1roxjc5GOnXPSkATaCabWI0TFq9iK/QfYbjA  
wAmevQ1p2hzY23YeWMVjzO5vHRWNOwP+i4bAOSTk1MemAB9fansN2bG4wecf  
nTTk49T2FCSeqJ2E5GQPr1pCyx/M5Cr6t0pRjbQHKyMO/u5ZY5H5FruwpUHI  
l7mm2xRFDXZaZdZHiDxWiTtYrQjmEM584jyohntz7VPb2DX9uGuFMUHRY8YJ  
HqazlpoaKVo2NCC2u7aBlbfUJFRRhR2Aqs0jxOvnoY3JwWH3WNTdpkNjlpbj  
BVZPuno2cirAAKgE57im049Cb3GOPRt1Z2sIzDnmROGK9Md6qOwN9zBgs82q  
mMliV5GeKjltZUU7ozjHWrw+pCktizosEM2pQpdnbltr9s8cfrW3e6eNKv2  
tmwUX5opOzL/AJNK7eiLcdCIKcYTOevNMYYHHektDP5EDkAFj34/Kmxw7trs  
PkDZPqabdtWwhF82pZd97v0Hpu/Sh2Udhk9xXI9z0owstCQA4z/M0OVAJzjt  
zV85Fh3h0H+0L+U/dyoz74roEXIGOPxrvWsc8n7w7n1/PmlUDqc/Q09SdxAp  
69x3NB6dcUXAOQOfw4pyjngKGIUgFeFlwfSk7/exRcBQDKjjP51Bey+VYzOQ  
eF4Jo3GcrYqhtsOcNtJHfHPWt/QoBb2wJK5xgc1OqaNm1ys1OcccUu44+aml  
qYvQM4HHNISSM9KbSQLcz79iFbHXHSuek7kcnPT3rGpax1YdLmuKRukjj/iL  
ZH5c1Z6EDd0/Ws7yauzV/EAGZf8Aa3Y+taDjtUMOGx1NjtpXFJXdiG5m8i12  
Bsu3Aqrp1uJZvObJVRjB9aIWlq0ZyulZGkcgZ9DzUbknknpyanQvRIAMMVO  
eDyc9KkAxkE1TutSb3RR0ldy3EoLMJZcjcegAxWoncD9a6o6RRhNrmZleBwc  
HrS+/GPrRqngZgACSQeSadjPXGKLSGx6Y6k4z1yaepwcjke1MPUIUgdMGpFP  
qfrTG12JVOF4HSIZI5IKuqkevel6jWhQutPZeYentVNgVchlwrZj2pJWG7NB  
g5OemOvpT16DdSskSgx3+8AemOKF685FNdxWFJy33SKkReeFwfpRoBMvC8Zq  
C5yWAGMDv/j7VM/hZcLABkg4yR2qdo43AZI5HQ1yrmkdK0lwoGRjmo+RnBxj

ripaaRdtSNiEByenemQfvJfP5BzwP/rU46yRFR2TNFVAjGO/PPSgkAHAX/Ou  
7VHMJt2inKjMuQefY4pNi9QBxkk5PfNZ07b5iD2/H8qzqySiaUldkJGF4XjH  
0zQuOOGINcnLfVHV5AysdtEQAdSyscGmm9mO5hKVAO/Jbtx1qQIAwEjDcOc  
djXfyHnt3ZGR8wKnG4mmsdvyqM5xkilfuhrZ2EBxk55HsnBzxhmlPr1o63E  
m2tRRcOBzThPk8qMfrVySSHcTz+CAGDHBazTw8bMc9SfSo0SKUWYVZIMWxmA  
Ycgg81PstZvu4jLfeZT3qoyTRhUUnsV/KZSqSuAxztIPBFN+ztFPFOi/vI2z  
n0/yKWlZWP RNUFskEHg9jwaP4gSCB69aVuw7I2yc7CMgj+IWZB+7wpP4nNCQ  
pMgIO3jAHof500gkjtJD+LA/ISFSD2oQ9wOSxP5ik4yB0Haiwgl+bvikJzw  
oOe+aLjsLggfeyKa2MjjH1peYC5AwTkj600nkEUeglHPXjPoe1RtyPr3osIT  
qOePpRzt+U4PqTSd7jQgJ2+3pTjjAOOD61Vgl2I55/8A100EdD+Yo2Q/QacE  
nJpuTnHT6dKNyboTHYjNMOecdfagNVsCZYhQcL3PSr/2aOK2NwDkAZzS1C6K  
7uSw56+2KYT1JyTmmrXHoNY89RSZ7gkGgGMOM4GB744pcfKc4GOvPNGgdAzz  
ycigEYOaYaCYA9hx1prcqeSD/OIYBrEk84qpfDNvgYwfTp1p8qJ1tdIHGB93  
kGmSkjGe3QUehG17gVPzAgDBYAKjYEMD8wPtT6Bo9wKsyYPG7vSbfmGD+dF3  
Ylwsrojux/oc23JXy+Mnqa0rNs2Nt0GF60SaaszSD01NeyObZgvI7nFSYwOv  
XqR2qEtC2NbAHXj1NIQM+315ppa6E2XUbgg46+w6fWsiV21K8EcefJj644DH  
0p+Y9LF+5eK1g8vauByAe/1FZBiSKD7Q+I7dn+UA9TnnFSvUadixa2klzd/a  
rxQsSgCONRj8TWswye2PQU21zXHURCDBHlz9KCFdWBGVPWPabQjOltntmLQf  
vYO6Ht7iiGbYhaM74eh9RTWisx3vqXFdSEZGzkZUqeKgugHi2E4yaHoLQprG  
salEUAA8e9Eibo8Hknrn0qk7HP8AFK/YyLq3e0kLbiUY7ue1bF9q4uNct1kQ  
vdQOPLducR3FNGvvW0YK29A6kfMM/SmPy3HA6AUWaMvVklRD5vMB2jHTrTgQ  
FIHQcewrCcm1qdtGnZXREXy24A47CnopJwByeIYSetzt8iySNoAOQOtQMS3O  
cAHjNRDV8zIbZc8OD9zcOoyGk5zW6B8oruimlc5Kq95jyScZHNIWAHQn2qjM  
QtyfX9KMjGf5UWAdkduDRjOchH06Uuog5AGSaXOR2/CqBaIS9u0s4/MkUk9u  
M1hahrEs1m9rJEYmkGNxHH0+tTo9GFpdChbs6mOMDOSE+lb+nWrtr95cMzCC  
JVjjXPY5xyaW0katNR1L15qVpZ4E0wBPYcn61DhrunMBm5C/7wxWig3sZ6pX  
LCanYumUuosDtmpRcsw2yxn/gQNS4u+pF7mbqMq+W3zr6daxBtYg57c89ax  
nbc7cP1JYgPtKZILIOfXBqwFBHOenXPNQ9jSUve0FgXzLIRj3xWrlEAZmll/  
Ks2rJWYSIroc00rXt0Viyd33foO5roERIYREhHA4YdzWk1ZLuZSj7xE+Wb72  
MD160+0i8yflS+3kr/WpgubRhOfLHQuTRxNztCA9M9qq3SeVbySKflVc81vK  
LsYRbK2jxmPSogQTv5Psc5rQU4XHHvmrjtqElZjguEbB6/nSlhwO9OTuK1g9  
snJ9acpGOTyP1qUhD4/Q1IBg4J6d6Gugh/06VKGGeR+NG41oSZ+Xg8U5euRj  
A6nNPcRKrAZxx9KSS2jnBDAZPfGMUrDuZ1xYSQ5OCQOhNU8ckHPBqdmXOF79  
DzTv4ssuPXB61bdiG76Crxz1HapEzjk8jGaXXUVicbcHOM9ziqjHLFuNueAO  
1Y1G7GtO1xwyD1x9BUiMMFSfpWUXY6XsDEDOOoqJgeSp5pOzeoX0Kk7ZliX7  
zcf/AF6uxIMgAcDvitqUVdmVV6WLYBAyASKCAeSAK3aZhdiMRjPemj0Gc/Si  
11qFzZXVYenTJ9ayWyVLHGQen1rCq2kdFJD0+dTk5q15X7v8650+V3No9mKS  
cfMAQeOBzSxf65cjvzTWuoMw/stwf4M49DSta3ZJcxs6tyCK701G6ORakWxl  
/wBYjBsdhwKY7KVJBBPr61DeqG4tbjd3IPbv9KcBlg4Bz0x61T02MuYAdxBw  
VHrSRvhm3A9eD1zS02BPUCcN0/XpSjKyEtximl2CTb1AMAQcc5wc9aM4GFb  
J7VO3Qpaq7FDOChDEhRxz0qT7VKqElzn/a5FaeSFomdPZus1rFJkkMOc9Qel  
WSol5PA9KhjdkyezZVmgTu7AHgVedckgcY7Z4oSsSyuf4uOO+O1MOO54piFP  
GODj3pp5X5TRcaE2+w565HWnHGAMUvMBuM8Hij5ccHGOp6DTAHA45pDk9cD  
1p27iDIznH6U08Z4qV3B3EPKj09aRgxzlfzVbBuNJwvlpOV5GQw9OtO1tR3  
tsCjGcd+eaCeMc/WluLqNHA5BAphAJBxyO/ehaBuRg7WIAo3YP40ILkNxcxw  
IXldVUdSxxipYVB+fOcjpr5AiYqCMelSkBrF1LYH14poWxTJO4Y6U7OVyKh3  
5tR6W0GEFuMgfjSrijOCBgj8avdaDbXUaRwMevlbgTtxz3wOtJLuCEXC8Y/Wj  
seu6n1EBPyjJGcc0088n8hSYXRGDz179MVWnUNGWzkZpiZUxtB7juDUbLuyC

OexpmegjHBOTnGB+dPYYBJ7099A1uMKjb93jvTXBzvReh596dlfVkJRTYyePf  
azLjbbwParWmMDplvk87O9Z1L2NY2WhrWA2xPyBjAx6/Spm9eePeIG71LtYb  
nB55o6H9aewtHuUtSuPjtdq/6yX5B7e9VIZItNsAzfN2UDkk1QulypJMzxrN  
eHn+73PtVyysmnf7ReDAGPKi7KPXHqaiSVzTIdrmpuO7BPGMCgjbhQBmhtXs  
JCA4Ppnpn0pAtkZOT2p2uAhY49/pVGe1dWM1iVVzw6fwtU3tsJWZBHINrSwi  
nCgboT1H0qSWYMGknrZ9K0VmTP3Rmcrkn8qfyuDkHcOo54qWtdjFNMhnhW4h  
KN375rPtYTumtJfm2knPtVp20saX00Ltg+bMMTnkj8aR3ydxwQevb8ql3WoW  
5tERAtwD6d6bgYGSr7elck5uZ6cl8kEORecnk1PGNvDDkDOc1m7t2LT0Yx3O  
GCYz344zUMpPzHOcR0qlanLUOU1PDX/IMLn70jk/UZrdTkDkdK61tqcFV3mx  
eM8cU04AGKa3IA4xwT9KU/KPXPWmAcEHPX1pMAZ+bjPrRtsIUAjp/jQB7Z+l  
O4DZYImheJjuBHI71zXiN+YoZMF1A46Hr3rKW5cHZi+GLf7dr9tE33N+9sj0  
HWq1zqt01xexWjBFaZhkJPOKIP944m8r+yuzO+yymAyyAgt94s3OfSqzxnZ  
nHGM4PeuhLsc3MrWuMMYBwPvcYqQNhN4LY6ZHXFJ36ismOeSRk4kOV9T/Opl  
ZmWUFicd896lq6skac1rWNeYTrJmMCAQpbuPapSzB+vHQ4/nXKo8ujOhTTe  
hNZu/nMYwWdRx7im31y7fu84Lfe9hWUvd0KXvMTT7YLD9pb5XkHy/Sr0DZXB  
l3A85rWXvWsiU97jnXOcDJFbWhIFtHMkakyEFeOo9adJe87mdb4C5LbQyH5o  
8ehrE1+yW30iaVZThiF2555NdD0OeMtSvAvlw4z0HFSjLKMjg+3NF7ajbJMc  
qCVIPcdMUckdM47DrStcd2w6dD0/WIAyQSOR74obsHQIUEEEfjUiH3x6+9Cd  
xJtK5IDkEDFSlee340WFe4oJDZHH61ICdoyM560D23HqT1A4qQEhcf0paXH6  
D1YAYbJHfJqOazjmBMRw3oabC9jKuLaWAKOpYD0qDnoMnPqOIJoctdSaK2mY  
cDaPfNSmFo8K1KzQnYJchDmqy5Byw+Wsq9LGtJX3BHGwGc+1BwB0yx9DXPz  
WdjdK+hIrgjHG7uDUbtgHcM05eQKL2K1qnmTySt0Xhfr3rTgU53OOf0FdNK3  
Lc56rvKxNgHqeaZyMjv61te5mlV55l/CjHHZGnpYkjuGAXb29qpMvmAjGPeu  
StqzqpJ2lhhZFVeAfy/GnyIHU8kH2rHqbdQXaVywGaa5K4C9SRj3pxdtwb6G  
Xp7tJaRvnOTtJzyKvwTjARtyk8AEfpmuyVp6HP8AA9iOUqWAbr9OKyn0pJHL  
KW5JJGaJIOUZFNPKiutju3k5y5J/IUuoW0jXcjWOUtmxgOeVNW72uc905W  
RC0N5GMkZA7g03TjJczGMx7QOAXiHe8acq7l1rdwN2VJBps0Eirg8nd+WKX  
KokOw1Y2JzsOCeAKiDIWOeGXjAHT3q/UkARu4YEA546UkhDH5SAD1B/ITirs  
pqyudLoMvm6aFbqjkdO3UvO5GMA8etRbIG7XJYW2yLyOtaZ2kAHLd6/qaepm  
yF6qT6VGQqO7fhTQCMeOnSmk8Zaz680MYueM4/Cggc4yPpUq4aCZw3H/wCu  
lZeex/IT2DyGk4XkjJ7jpQMDqcfXmn0AQ/e4pj8NzSdwBiBjkZI9aQ5HJ4oG  
gA6cf4mmk7WyBwevNMTaDq2eo9qQ/XpS1DQYGGQqPz6U04yRn6EGgRESQ2R0  
9KpXV6lsCerng15qkh7uyOU8QSz3EKyO37oZJHYmu6tX820hfqSgJNZuV5W  
ZpJWiTDd6dfTjNTRjKsCOMfl70/Qyd2jPOS557DmnKcjl4FU+476CHg9R9aX  
r6f1NK+hKBsAYH3R0pN3Qd/r0oUWVdlOh/rSZPOefT2oW4N6DcZHPXvTScHa  
Mn39KaVySMcfL3qOZQQOSMdcKct0VejEHGKaNpb7p9Oaq3Uw06jQvBA5weP  
alZCVBB9/wD9dHMirA6l1KrxjntSIVB6cj071OrGtVboMePKkHGSOMf1pmm  
kf2dEADgZwfXmh3vqVG1jasciNvYVLnj6+tJLzKb1EA57FqQjJx2/nStqSzF  
vLmNtXMBncsKhh6Z/wAaplrrhhLcc8ny0Hc//AFqt6l0gk1qadnYInF1dqN/W  
NP7taOeT61mt7hN9BVJ6d/egsTyadk2ZobvPXPtTM/NnofWgpsXI29iRTM4A  
9OnTpTtpYL3KdzbmWUS252zKDyOjfwqbnzCGVSk6E70PRvT8KmMbbsJWktQj  
uQW2yfKwHIPrU6sCBzgnso9a8nUwT3FlwO3HvWe8qvenyRIsbeO9Gu6KilfU  
sqSkIUHI5PHr3qJiMYxtx7YrKrNLQ66FPW4r4OM8+hHemxqZGUD9e31rkk5d  
DsVrFoRhTjPT7UxiNrbcgtzj3pQbbFsyJ2RS2eB7VRnmG1t3QjJnFbJcz1E  
n5nR+GwU0C13Lyy56Vrx4Ce3pXQjhlrJsd7kUgG0ctzQQDdhwfU0glAo1sPY  
eOnJ/M03gk4H4015C0Ag4wT+NOHH4d/SkPYxNc1r7FiO3CmZgSD/AHaxDaXN  
zpo1m482SKRwolxwTnGPz4p2VmNWT1Oj8CxiW9v74HYlvbjJ7bvm/WuatJIB  
8xiN/U7fxrOh71Rs6qySpW9CuCZ7yREOUTk5qyPKelowCtjnNdkepxOCj7xU



mRWA2sgl9euKr42MSpBGcj2pOLuLmuSFN5zloBl6GmGNjypySR+HsKltrRD3  
ZNZ3MluzqqsFZtzL71rrLuXzMcHg561zVYWd2dFGWpbtJBbwSz9VFUlybu4E  
kikByC5HOBj/ADzWai5SNZTWpssFwBwQOgHaoJSeRjB7c4zUtuDuOOqG+e5Q  
g59eO9dfpcRj06NW5JAJDc4P9K3pq+rMK+yRbl5PU/0rE8TEG3t7fj55AT3z  
jmrlsYRumUIBwcHmngbse/4UmitRWzxjgehpSShBGKaYaDsqrknApcY7Hr3p  
WvuBjk9uR6VloBwCPxpWQ+hluAQccdvenkdODTegkPXnk8CnhOc54qVuPW1h  
ygg9vbmnrYeR+FVuSSqBgk9e4p2Pfb7Ci3UY6M+YNkqjHemG2s4nLRxcnqSa  
AuBclCUC8etZkjGSZnLdfekHQRXkpRCB82O1VQskjDcxAx2PWuao76HRSVlc  
sKiqu1Qv+FJ5gVeRk/nWSv2NCIOxcPyvHeku5NsGV5LdOapaqzKvZk0Kbl1j  
HXqcnNaEQwoB7jrXZGKUbl45vmlccMDrZ9KaQoPI59adrErulFAPPQU9R8m  
c5I7CnYb3KN0xLcYP0qHtznHvXJVtzHVC3LoRNEE43HHbJpqOQ5Vuo/WoXY0  
3QdwQc9O1OhPmXagdVx16c1O7uSznNBIOZbdunBUk/571tRtslXl68fSuzda  
GHM76j5lGTxzWddW++RSsskansDWSbiaWTK5s5VlthcNknJDcnNSK12iFd6M  
SeAVq/atq1jNRjck23bqQZUXjsvSsl7q5ttYiikn3R5wwHHBqueTORXJC97G  
+yAM4Xscj6Uj8qG2jnsR196nm7hFJ6EcgUSxSMPkQHNV1ZZAWfDA9CBnNaJ3  
IceWehNbxoqASRrn6VDdW8bQSCJArgbhgcZFS1JMqVrXHeD7szxzytiThhz  
XRoSvWOfWrt3JnGz0JFbDZPNaiEmJcHr2xQZ20GMPm4BA96jw4JIJA7c0yU  
NJJUE4/CmgDrka+hoATjAzjvThnp0zS2GtRMcdKXgD73PtQ/IGMB6jj8qXo  
g5yfrg0CGjliQce5prdRznHvTBbjf4fekP3gTkHHekPqKAQOSR6DNISCoOM/  
Whu4aDdxGM4H0pD1NGtwewwkccc46etRyuBn5to/Kn1C+hh3urHe0clwem4e  
tZySl8od8nJ5JpT0ZVNrkdWrt9psWjjAGBkd1Oa6jRGLaPbFjyowaNLWRpLm  
5Xc0sEjGTipYgASCT05oSMtbF14MrZ7du9AGTjsO9Np3J0Q0gDOeafnHQkse  
tK/cZHnauCMkn06UgwDx070xASQ5HGAPWgnt0o8xDSeefypC2Gx07+2KSWpQ  
gPJ6ZNQyHAbkH1zTcboluxXZQRkkZnJjAGarZWMndu40EBuOv8qGAVPIOWPX  
0xTtysfNcUZl4yO/FNngxjsPcUra6lG2o2EdRtlJ/xqDShu06MMOjMoGeetS+  
5pFG1p7fJlSeDjn+ITZOofapKe4nU8dfaqt3dpbocHmp6A01oLcxJUyTJKMOz  
ZCnqxrUtLuiQzXWC5Hyr2FOWuhSdlcuKSUBPThSjPOBj60r2IXcA3GetGSWw  
O35Ura3HdJDQflicZoPjBOB346USVlcaEZd3Hftik2kAZ+alF6A1oMYZXIH4  
etU9RjaSNdriHHPsXZhbqZzGvEzORkPUGo2Z1b5EIVgDx7/WqU9bGfKhVW6k  
l8xiE9BUyRLFHtAGOhOeate6uZg1zaIRnLAMxAA4470q8KF9TndXNNqTPSpx  
cERkbnPBC5455FXY0C5JAwfQVk/dsaW1EkO0FQeexNV23Acn35p6dELVlecy  
PkdQOM1Vu1EDu7YbtnmtYwb0RE2dfpXyaXbqQcBemelXR04OSa3tY4W7sfm  
k8cUHB5JJHpQxIQ59Tj60ZDHGQeecUgHfdySePrVb7XF9ojgiDTXEjhEjjGS  
WPQVWr2GjZPhzXRH5l/Jp+kw8/PdXlJPvxx+tY+rr4ds9NuMel59TvwPkjtU  
Aj3eme/50uWXUlyTIZanFBZQPN8goN33nGR1qxBqt9/YEmjGUiXjEix46Nn  
PHtVOUIppD9m29eh1vh5UsPg94h1E48y5/dxnHfdtGPfJrzy2Eht4kTkr3l5  
69DXn4GVpzX9bs9LFr90l5/oa2n27QpKzj95JkD5e2O38qqG3u2b91GxOPQ5  
+ld/Ok3qc+lppUopF2Dw5fXBzLiNT3Jwa1R4ctLeMtl7SSYHfpS5nuciS2Mi  
7swbnbGScZx3p407BGJdyOnauTkpbnskmkgjt1hlwD8x5yassNoOBxj86rm  
T0Br1M65u1ISHDFc/MFPBrXtJRbae1tAVaS5IJPpj0raHuts56suZJlsjPf  
Bx07UFUc5xtP96sJvmdrHRFWSI2jdWJTGSe/QV1lveottEJYpUOOpHH1rWfu  
hjVTdiyLxDL/AKuZcnoCetYOut5utQR5yIkj49aqXuoyjZvcyMY5H1pyklQ  
x4H0p9LIXew5SM0uCRnoOxpdLkpai46U5Tubmgb02JQB2xmpFP8AexSewEgO  
V6ce9OBycE/0FFmVfSw9eOnFOXOecDsMDjFuhMkBBxnkU4DHUH2NJsCRcg4y  
PoTUnXOSMe9K4MkiG0FiuT6HpUbE5OTz9aTDoVbmQLEefoaoDHX9aNtBalWR  
g0uDkj1oCIQcHA9+orCbSkdVPaw45zng/SkAAOT1PpWe7saCMecgce5qpExl  
1IKc7EGeegNXpdIT2uacQy4J5PsKtYyOCRXXscfUXaeczYeuaUnkADp60AHX  
60HAHQ/hQGpnTMHI2jlx7U0E8jPSuOpa51Q2GsuVx1A9KgmUAFkLn6nkVm7l

130HKytGNv3cUylsnK5B7GtopdSHvY5hM2uvLE/yxsxGe2COv510J4G4r1PG  
Olb7xRnKyJclzk2qpPnAwBwax1vY1ik0O2AxxkDFQKCUJJ+bJx6UtYrYWhOh  
wcHv6Vg6/DsKTry27GPSICQpaWsbUEnnWcEqn7y5PvUqkMOfStVZLYOZNI5q  
BCwl3EjgH1rI0J/N05hlfmDsPoc0+ZtaE/aLqOUdQSSN3ftVjlaTaeBT5nyi  
cTL0a7Ya/wCS8aIocBRjlxXWZ2ncTnNXvuRKPkkPU4xgY/HmtS2IMWCWYp1p  
WI6CyMTj29qglGCSRQ9CPMTpkED2xTe2ScUbMFqKoJXkY+tKMHGck4wKq4WA  
YBl9c9uKRSDQAmfQd/SmlsAcjPSPGxoY9STgUjEYzyPamtQY3KkHHajkLwOn  
f0p27iuNCnntTSE4I54/nS20DcM5z9f0oY4HDfrSsD8yjd3kVshLkFscVz9  
xqElxIQD8nbH+elaJWiQ9dehX3nkeYJpuFyAXwAf1rP/ABI3VnsKUGdq5B/I  
XQaA4+wbFIO08ccEUrk+g3dXubAPGGGD6VNH7dBV+SMvMpyDbK3J/wDr0YGO  
MOp6+1ADDgccj6CIOMDB+vFJ6MpK40jnlz9BSdSBjFOxL2A4BOOB06daQAMM  
H/69L1C6GAjn0FleG5B/KmrgNlnzj/GoiTlVIG3tu5/yaEKWxGyBiPmGM5x3  
pj4+g/IVlzYxCU29MUFcBenpSbtqPIQFBjcm5A+IHUAnk1V20DV9AK5xk47k  
npVTTcrauoPCyN/OpabHF79zd04gl4Ht26VKw68ipStsW2Ubu7WFdqHc4H5V  
SVvJYXN0N0mdyIT1NNBezLNpG8tzJd3Z3TtyBj5VHtVxumTn3xSV29RCqeRu  
xj0pue3XHWqsDdhDkYx070gHckgdqV1Ydhc84PTtTeW7YOKWqGmr6A2ccD39  
KGIxwCjrxSubGWWntVpxgjHSmhXsiuOoAHuaVs8ADHOaq1tTO6a0GHqcHnrU  
L5cYHBzke/vUVGoxujejFuXkMlx90HaeBxzikYNjAbxzzXKnpdHo7qxZijC  
IWZSZMY57VMxA69D+IZWknqTfoQZzJuc/iOwqAncfwiqXVlRqNK4G4ngVm3  
7iS2k2ZRR0wPet6SkldmFZo7m3AWzghTCjrUynB6/wCBro6HEODZJGOTQx5F  
GwlMjoO9Vru+gs1HmvuZvuog+Y0WFFuOTHV7yPfGqQxtxs3fN+NLFpVyCGNz  
5WD8vl/eHvn1q4vl2G0izJpMU0hkvZp7lz3mkL4+mTVqGztYkxHboijCOai  
7ZV/ILxl2spRIN0YXOMd64Usl9PV9hZmYtkHqAf50rdTWHY9A18fYPg7o+mx  
L5kl9cbpAoywAcuSAPoK4+2tXsix8p9rsTII964sl1yc5315JcvqzZsS5Blj  
XbwdpGMVuEKrZUDHYgV2pJ6nFXld3Bs4JNUr04UDnnoKOpzrTYxY4v3skjfx  
HgdqWRvLT17AVzSd7nbHa6Kao/mM0nbgipJSH0qSeJuARgHv71UVZaEyehgy  
ny1G05L/AKAVd0sst5FIW6lcc5lRqXwZ2x8y5ro6WG8gYYkIQ46mnRtDISEP  
TuDXO4N62NIUY5rfJOGOOoNH2q8gkCrlwXGcdR9BSjJxY+VTLMWplnAurdGB  
PJHBrPtJhdX95cqNqFwig9cAVruzPI5bl8EDOTx2pw6denrVE37i4woGOTml  
5JwSMUk31HYXAYehzjinjGMDj69aAJAMEc1KBjr+ILYXQcoXGefw609DxnrR  
q9haEmcDjH5U9eo7/SmtNxjgB1ByKcMDj/69AlmXbgZ6VKAacc8j3oYhW+WPC  
nb+FREDHB49M1Nu4yjfOBtUEZ71ULcZPX6cUDKTDLkHr2AqaNtwwxO4eveue  
SudEe4rN6/himAgE5OB79BUWaNEJK22I57flUVgh2vIVGXPeqp/HYiekTTgX  
gc/XHWrb4HGNtdbZyiD73X9Kdjcgq07AN7/yol+7z0loQ7mYwGWxzn3poG7k  
dPrXHPV2OuOwuDtODzTHQMOOTUvILTsqSflBzweCKndFJXB4o2egt2cz4iha  
NkuUyX7j15rXtJPNtVZTwy9ccV0LbUxIHzJ0+ZcHOQcfhUMoCgjr1AqFvZl  
rUEG5D8wwOoqqxwcfN2p2u9wWjJljj5iQMCDfU9YiLwHAyAQelRdXHYb4dl8  
zSvLY5MR4Psa0lzuJG38a1d7aCcUAbbgscnPXGOKxdKlh1e8tTjafmUHvxU2  
7DUUaDAb92OCOPwp5c7snnjOaPjS1Mi9DWviGCUjYrYYH68Gu1PJwfvvat  
E9bGdTRXFDcjselaFg42YwKq92YdCZ+p6mq7fKd2cjOKomw0jJGOaFbK8jHp  
xQ3dj2D5iBluT05pwIxjdyDS3ACfmOB+NN+62TwKYDW69xQQOCcZ71L8gQw4  
zjbjA/TtQO3caeBwfpzGlmMf4UXdgVhu4nO7p7UhlHC8/Q0/QBhbAye1ZV/  
qgicxwhmbHXHAqlfcUtdAeeSaUtJkt1x1poKnJz1/zigq1kGSVXv70YDAAc  
mkxK6G54U7sDOBx2re8NcwzxnHDDv2oklzXKjqnc3Uwvyk/pnFTR/hn2ovdk  
7EMw/e8GmDrg8epo2BLS4xgTnFCgbQQeD0ptroJAeVHPOabjHP6UugWGsctn  
7v0puGBPTGevSjtqFmNxjlyODR0HU/WndsfQY2OTyT2GOKYx4wTxSVrib0IS  
ccbuPekOMZOc+nrTss9DPfcjXljZWA3dOKXpkDn61dkSu7BRIAM0hPBUDM4J  
FT5FvVaEgbav3uelUrD93HK3OBKRjrU7FJPZGvphYeZjkkc+tRXI0I8LE2XP

HHQUdbjsUfLKP84LyE/Kvp70lzCUngEpDzONzA9B9KHZqw07M1LcbYtuOe/r  
UhGOM4z61PXUVrbCEdecH2pNw+6TimrvCvHf50QcDOeuaOOaGkNbCDnAzkfX  
pQz9MZyaHFME2hpJ5OOaUj6dDSTS0HqxjZl6/LVec5YAfhSVrk6JFVeijGO  
ec0ryAksB8vAGK0a0Jjd7EUj4G1fvd6i/hDA5x0xXJVd3ZnfRi4xuxu85B6E  
d6liVRy3U+IT8KaNRJaljeOrCoSxMvPTFYqUoN3eg7O5HkHOM4+IKi4znjir  
5ltYbTKN1OCWjBwv86o8uY4m+bc4X35NdsFaNmcVV3IY777pUD+EYHFPAgA  
DlqrGGqHBu2eaUEE8AZ70mh8xT1K9FrBhXXzXOFUnAB9araJbAh7yY+dOWIB  
bnGPSq20F7qRrbvf6UbunAyaVtQ2HZOfT1zS5A5I6dKTHsUNal8rSp2HBYYG  
K4+ZAbeO3UEttCjA5OTWdWVoM1oxbkrdz1jxEqQHT7NQB9ngzgdcnH9KxJx5  
kRGST1HFRRjaGhVd3mVUIui8QHzAbgOMVf579BW/WxE2nFAWwOOIZ2oN8ol  
+979veh6ER7lZgcA84A9aqK/mkMRwPuj+tcqtds7UnbQJvnhJHB5z/jWXI7C  
NYQx2A/N9K0ptXFUj7upEtzby3MrSqQSAFHYYVlkvkjdgVyeABxXW0mlqeXyv  
muy/aO1xGzSD5kxgHuamTcFLAkYGePX0qb22LevUsx3kqlBuLL6Gp31DKqfL  
G4H1qZQT1NIOw9ruExNISOASAFwotEQjTI2YYZ/mP481MYtLUtyvE0FyTz+B  
p4yCQeAetCMx3QgHOPegL8vXHtQ3YY4DnA5+vapFB2kNzjqeuaYbkgBxxyfy  
qRSTxgz/nRsCQ4Aj3NSgDoP5c0vNBa4KSMdfw5qVSSOpFNgoGc9Saeo+IK+o  
7lgdOMAY70/HTLUWAWU5AVWB+IVz1OKXkFjJuHMLwc9uOKhc4GCQB7009AS1  
Kbu4YhD8+eop3mOuCy9ep61DTNOBwzJTKjL1xQCGB5B+tRboaKSK1426MpnB  
JGP61dQARqBwcelOCs7kVHdF6EADI9PzqXJz/wDWzWxh0F9QR+QpvHbmi4wG  
QT0P1qG8IMcDEdR2oZSSuZsLeZhumec9MV06fZLdP+8YqoHUda4ruU7XOido  
q5YI0SQc284bvvh5VRmtrpdsXChc9K0dO2ooVE9ChKubhgGO0fpT4WYcE9Dx  
xWdr7miMjV4/O0yTbywwRj071F4dnEIl5fURnC564rpgn1lma23D5BOPSmsO  
eo57HvWUI71x09irkoW/vd6Y4V8ZPFVLQFuABZs44z0xUtxGJbZgSM7ec9qV  
mmht2iYnh4mDUZbdsqbdq57kVuNgDIHfFabkOV7MJeQAccHmsO//ANG1y1uO  
FEgK7h06VMX9IDeprOuOQPIHQ+tSWsYkypGee3YVLi3qgjKz1KXi6ACO3mQ7  
jCccfSt2xm86wgk9VGfrVRV5WmpfDcsAHAYfl/rV+wk2scKvtWtuhmnoW2ye  
M7fYCq0mATg5PbFXyjqM4J4P5DrSk4PH+FTZlbd9BdwByuQfzoBAU8D60LVD  
v0E78HNMPldqD7dKL3RNrMGb5TkdpQU3t6kfrUtdShCQBk/jkU1sEe31qthr  
YYSdvbd3pHGCCSMUPViTakkcYzjgYqGWVY0LMQMepplGYI9fPOGjjOxDxuz  
yRVlvtVWY9ev1oWmgdNRV/eD7uOx9/eoZrJcFkchvrSIFtlqdlaxWe0ZQQJs  
L0NIIlndjzEyAeccmtuRct2YubeogjuQi70BU+lbHhe4zcXUbDBwOKyk+xrD  
VNnTKQ2O/Hapl+CMjA/QUPzI3GTj96OM9xTP4Tx+VFgGFRSYPemO1kBPoeCO  
/tTST9ec9OaVru4PYb1Ujv1HNlh4Oc49PemK7sNAyev6U1htAA7eIS2Ow0HJ  
yeuOIMJB4oWjFlaw+UKqkdevr/hTGUKDHTvnirWmxnurDWUZAz35NlcKMe9D  
d9BbCEHPJ+X6dKNq5JGfrjmnqCWgoK9SMEjnHT61VtG2tcrkf6z+IS1fUt07  
J4bhwpgtuZGIVWAYc+1D2sltdBJVzcsA23qR7n3oj8JbWpct4PJJJeQ75H7jt  
9Kz5XMusSFvvKAuD696nle5DeqNUDaemaCCWI4JzS6I2EPscAGmg4OetMW24  
D7vAHO01HGBu45oaAa7LHGZHPyL1OOIYUnilK5K2+Y16H2ouW8jbifzYEIA+  
VxlaXIKZPX6/zotfYNVoNZvI5OarXJyMZw3U54xT5WhXTKxxgYOO9Rs+1Ccg  
DvmlN6ajgIKSRGTgnp+VLkN04XocfrXLNj6npRu1Yi3qJcDGe/tUsbfNk5x6  
UnHS47dxWYE5J6HpSY3dCOetK9hW7koXEBYAJxwTziqV3cqFCpwemMdKqn77  
02FOSjqzNZvk9T9efpT7WLzNQtYznLTA5HtzXa7Kx5/M5s7snLEkc59MUqnO  
cdf9qkxLUIY1LP8AKqjOfSuR1bXp55zFav5cA7j7zH/ChAYsju6kM5LA5Bzm  
rFpqV5a8RyMBnnpjNUybXNFfE12VxsHHtUkGtXk8gLSFAR0Ud6SROrZpW+oX  
TsEFwhbusg21oQ353COdCh+ny/nR7r0Ls7FDxXKPsUManiRuvXNZumwfafEe  
n26cyPMFYf7IGTWM7ckkdNFLmR6F4glM+u3Bwo27UIXtgVQ3bckH8+1TT+Bl  
zqS95iKFQkqignqR3pc89xmtUzPcTIPpzWXft82D9OKHazHG9zMuJAYCMMd5  
PamoAqgAAkc4PNcySijurBJ9zZu2k5yT6UKkcGjTX1whAfKQKerk9/pW8F1s



Y1pt+6c9CuQFY5ZuCferS2sjSbY8h0bBB5x61rZHK/M27WDyodoJJ7nuTT8f  
KcdcdPemZX1sMzgtzwD0oyHIOfbHpU3sXaTRV1FfLsQoOd5C5/ixn+tdFbx+  
VCsW7IQAAjpRddCrNFgg44I57U4ErkN6ccUuhQ7PGeOgzgU7jdwBikx27Chc  
dCefWnqOckge1FySRckkfp0qRfcU7XGnYkGcjl59DT8kj0PpStcV3YevPU8U  
8DjAFK7Q2OXIz6Zp69cencr3oAnXr0HtUygZ5/SgERSkZP9etQyMAjNjoPSly  
juYobcc88nJ9RV2xhEqSO8SyKDjnk1SRLdtSWSyGP8AqzEfyxUB09Mt9nus  
g9mHBNHLdhz20ZDJP8+cNErHvsOTVWWARcsrKQO9Ry63LUkZQ8ybVwu4YX5j  
kd+1bkOWYDk8de1UIZCIK7LyAgYxx9KdnHbHtTJG5IY8CI4x2zT03GOC/Ln0  
/CszUZTIEB65/wD1VFR+67GINXdirCCJdqkYb/PFdJp8PIWw3HJPJJ7VzUIq  
XW0RYUsT95IH86w9RIEt2xLZC4GD2reexnSWtzPi2ujHPJPWmuGWQEEYHpXN  
G19TsRVASRCjdCMVhaO/2fV3iJ+V+APwrohLUzmpNnRvuDZ7DrjmlbKjIPNK  
VhQsVZFzgjY703CqBQ3pqOWjEV2xjIPPIqaMhiODx2zRbsNaqzMSYG111XQ  
/ICG5754xW3IRuAXpVq2pFtBm4CP5scdzWRr6FrKKQdYXB4oTvLQe0dS+JPP  
tlkXA8xdyjoKmtgGif5SVLDk1M/hsNLUrawhm02ZRz0J9+at+GpvO0VQWBMZ  
5Oe1F9TNr3Wa+SCdpP8AjViyb98pbjPp2q+hgjRkOQMGOWXPTpVblkibAWky  
cdRiqDZiDk5o3EccqBk9c0DFJ7Z+tJkEgdD6UkhiNkDmkG38O+O9DFcZz3GKQ  
ewoY9xCM8gcn2pplCjnpSbuNFG5vlgB6s/YA9ax3nkkld5G4xIV7VaRL1KzE  
uCCMORxk9KaSSMoew4lzxSeg1qSRuqdM/hSuVLkKDJrkn/PFNSb1JlIRkDDa  
ecc8UGPqeoA/E0+Yjl7C7QpHOVxztTfD58vxBKuQFePOf0qZuyKpq0mjqwc  
LnNSIx3YPf1Gan1LfkEwCyDBJ4zmog2c7ck96YdRTgAZ78dKbkgAZzjtS1uO  
9xu3JpD0IHP19KObXQKTGcnrj2pgyB6UXvoHK9xORnHX6U1gdueD6YFCWo9R  
hOM/w/0prnjNO2or3lyx9znofSkJ4J6grT6kO72Fc45LAA0xugJ4xTW2omr  
Ck9GzwBz70OwCcdanqNWSFVIB64BPJI/zxWWpfzplUHDMCGHU+wobs7Dgrmw  
YE09YvIZZdROCsef9V7n3qaGB4nd5W3zyHLO3ND2sit9RLmYQW7yMcYGazdJ  
i8wtKw6/Pnr1o6ieU5qZB68jPQdKTOSAPyA6UmihCxPbA75FNAHfvz+FGxN7  
gAFXI5FOHOQSPb1phexDfHGm3HH8PSuNv7h4rN7TC+XJhs7ecj0NOPoJ2fU7  
CzBGmWy5xIOucU8k8AfiDUltK4hzk9MdKq3IDY6g+tF9RPYrS/KCF+U1DwQQ  
xBfFZVZ8ztE6qEOWPMMbLEqOP5U4KACWHHqfWsmmup076jigVAVALMOeO9lc  
BuDwoJGaNZWvuJjsaNzKu0fLxnj1qxEGuGAcDCT3pNatIHruQXdwEjZQee49  
KyWYnluQRXRRh1OWvJN8oEbQCADx1xU+IRiTXbYA7IXnl78fzrc5rcuh2bMC  
SRxz3pwGB7etK1hmZ4lujbaSEB+aZ9p9hXFt94scA+ICYMjX5lJlqRTyVJxW  
i1I2Yq4DHPTvUisyHdnb7jrSdr2E9NjZ07WFZFt9ThWWPvJjla11/wBE2Ayf  
aNpm6NnJUn0NZuNtUy720ZmapDJJdxQxOZUjb5ABk4//AF1q+FrZ7XxhZz3l  
RUUPIsfxbWdSDIGyO2hSbXP0Nqd2knmlOMu5brxTB2J6eueINWSscs9ZXFU5  
5z09aPmlbnnHHTV6IkQsBzisi8kG/J42nNS4IQ1kZeS8rOSflbgA/hUjOEHB  
wzcDjiue7krNHytGQafaS6nfx2cf3jzKfQdzS+I5Y7y/ENsSLK2BjiHTnua6  
XNRRj/EqGYkAn1GNI+BjIA+nNaGnJzK3J3Nk+uauLutTnmrNI3GWBPVu1N4w  
WOcduORQ20tDNWb1IJQTuycHHT8ark7QGyflyaiN+p0WtHQYQ895bW55DMCc  
e3NdUeM/kKp2uRYfxgZOP1pwPlzU7MH5Cg8ZBx705Sc8AD2o6DHgEYx37Cp  
FAIzzj+tJPQVrEqj5Rk89qcqkYB5NNMdiRfvdQTT6NSeo5ccCnAHsePrQwHD  
ryOfapUXK5NCAnXIHxipUJCEjHsKxkBzknOPaql/JttiNx54pbjW5knIRmG3  
OOPeuj02ExWcQGQSM1aVjOZczu+WRd34daiNrbnpGyk9weKYugx7Pj93NjHT  
IqjQ3ENu7BC4xx0NALc5vTY5BZebc/8fLk7gwxt57e1aVqp6jr2OKWjK6l4  
A4GRg+xoOcHNJWKG4BPJyKdgdOxpu6EO+6pyTg/jWLFkzXOByAexxUT1VjSn  
8RBAOJboJkYz8xNdauxowsUqP+OKiFgrN3GXUn2a1dy2Tj5fauVckknImdjU  
1H3NKKumydf+UBueKXYcr6np7VzS3NkZX8QGeDnOKxNVX7PfidTjBBBH8q6o  
/FZBPozpUcSxoykAn+E+IOHKgkZ7E06mmqISRgygMxGScfIVaQ8ADr/nioe6  
uNrTUax2jODT42IYE4xjGKlaO99ATrm69EyvFMMY5znv6Ee9akDCWzjdSSCO

/XNaJpE662ECDLK3UcdKhvoxNazRA4+TPvVc12U1pcpaFN5+koBgMhKgDtV5  
MvgMcEHpSas7DumSNB5ysAN2R0PrWf4Qnl+02xOcHK/SiMbmTvqdTu7j9RT4  
ThiRk85xWvoY3NXIKjDKeKhYnP19OKejJehE5J//AFU3lzyMigAJyw+Xp3pT  
056+IF1YENbjB/PFAYKeenWgBHYY9KYcg5HU9z2pbD6DcnB55z9aM4brj2pa  
7AkNldQuVb/61Z9xcllATO4nHSi9hxjdmZI+1gScnPfpUTYBODjnt3pp3HOP  
KytPuJL9QR27YoVSlSdx39armT0lStuM53ZzyDxU0RJB3dxx70o663B2JSny  
YBx24pwBVRjr6VcUrGcuZbDdqySHJKY684plonkeJYQD99f0xSmzWlvc6jBG  
Bnp2qRG56fpUbgTB9wPu4+nAqvllOeBnrxtTtcT0FIOMEDPWkHJ9j1/+tRYP  
QD65wajJ2gljgnqB0pW6j2DgenHp3pm4bs547DFMGrjSRk5llzzikGMHB460  
uV3BtEbHcx6HHrTHOBwRj09aqz2Juhp+8Rk5JycUZGefToKBXEKBgd2Pxp5  
ejNwalNslJ3ux5wcZOA0OaacKGJPbiqTuDTuU2ka5JWEZTHb+L2q5hdNfOfE  
7KgBcZCj/Gh6M0S0uh+nBhdPJld8h6se5q6WwTjHHWle42rGLq87TXEdnEQd  
3LEDg+1aUEltogV00aLW6kj8kA5OP5UE8jB6+IJajEAHI6jvTTjOSccdaNU  
LzAtjkAfSnZkZx9al67Alcrahg6XcHvslArjtXQi0tXPQowB9atA72sjsbT  
JsbckjiMDAFSD7o/Gkl3KshHwynHQdeaqzOEGTKd17g1K0iWkpOxSl8xjuOC  
evuaicYOT2rmbcl7IZadCaNPNZQOO9WGiBDA9Kh2i7jZDJkNsU/MRkn0FQuU  
SM7iAFGApWa0eoN21JYEYgMxwp4x70XMwiT7xDY6DrRb3rGcrsxS0kj7jxuP  
OabkjKfwqAc+ua7Y+7ocTbbuxWJB25Geme1XPD6/8T2JyOBEefQ9Kt2sRe+5  
1xOX5Gfr2pVB4A5J9az0K1epyfi64ZtSjhzxEpyD05rD3ZQE8GqsSLGoJwxG  
T1oHzYz0J496oGx27nkfU+tPU7mJxx+go5bBzCBhw2OP581f03UzZwzW0w3w  
SAbQeqn2q90FrmvolyldOlv3zKQ5C13JxWpo1wNTmuHZAjW6g8fxZ6D61Daj  
oejGtyxsjQLZH+eKUEdGKjqqe9WKuPXH+FLyOP580tG7DuRSthGA61zupM5d  
V678kkdqmb5UaU9ZljiAGBxnqaxQU37+R2OFjGAB1zWNJ80tTeTaTZ0Eanw  
34aFwwA1TUflRh1VM85/A1yx+chQeRjkVc05S06GMPdi5FvRU8zXZtpz5cbY  
/LrTtllMLv8Aj16k1utEYyd9i+OU68g8UmCOMcU0Y3aGkdQQMMOUkieJJEKY  
GCMH1NJ72RcZu1htpGja0W3HMcfH/wBb8q3+r/L/ABE5B7UW6MtO7H4DEHj  
pinH5QB37mo1uO/cEGDnp9O9KDjJxk1QaJXHjk+ITrnA9c80n5BcfgHPTHQ0  
9SeR0prTcVvVMYx3pP4uB/8AXqRj1JY+n8qkxgigByr/AJFTpwOQc/Sh3uDQ  
8MNoB4zUj4VBz9MUBe5CWxnJrM1GQl1QDGB+VT5gikMBkDZALAnvXT29xayA  
LDcKxAXgnFbW0MnuWsh1/15F1cMeRn6CkL0DAxyfxFUdTfy7fCPjPFPWkykY  
E4LMqHHBycd6u2yEr2A9KV+hoT856DFJkjt60AAOT1/OI+8PanqlZM20cHj  
09KwpZC8zuCQc8cVnUaS1Nqa1I4o0jYsq8tzn3okds7oyysD2PWsOZb3NXHo  
yVL2WwAebMXUds96YpEkqvG25ccEc1N3J6gkoaFrOCOSse+KUEKRjseoNRJL  
YpbGTjB3dM8A1n60ga2U4JZDzx710WsU23uXdDkaXTog5y6Aqc/jV9TsLDjG  
K1lrsY/a1E6dfxzVN1cSbTzzgVk1FI0Y0HAJz14pxwoyxABHYf0qbJqyBWld  
Ui8yyYjkgcD3qr4duPNsCvBeM4/D0rRLSyRHV6mkSWz2Y/y9KDjB3cAcHHah  
e7uUtjl0X9zf3lq5VQpyvYYPNay8SEH60na/kTo9USxMEIOcnv7isbTIFn4w  
eAH5JYywHTBxVx11BLV2OsDfKOW96Rc7gBjHqOKpaHOlqa8Lb4gxweOIMcdc  
daa0E1qQMB35A7etBHAXjFDF1GjGO340E4OML7kULYBQwxw2DTSSOvSkxp2G  
E89c0g6cdqAQ3oc85/nUV1OkcLMccAnHenu9A1sZFff7czJ8qscYB4NOyx  
Vxxkjg1LszZRtZFKYHHTPNRgna3yjaOcD0pQTSSe2r6jM4V+hUikCgwgq4OTk  
4Gegq0upk9SEetk46jnPWp0O6QD2xT93QnVLUKdyiddvHfk09m25L/KAOcc0  
3tdE6pjs4UZHx86qklDyTJOH3bQfXjpSlswV72Ot24Y4XNcedHPzZ5zxRdWL  
2JZseSMdagzGDP60INwYhk4pPQE/nQN3Q04Hv9KjOA3JIP6U9xDWz3+v1pOx  
znPvR6C8xpxt6Dj17UYIUAY496Lpbhr0l8gE4zj19aY4GAR+VLzQO1w128A0  
iJkgbsn3NDeokjOW8MmqG2GANuOfXFSSldwPLdzmplq9C4KwzLDOSerY4p4  
jkuNsa5Yk8Ad/c0466INX0L8rw6XGsNttmvH4Lr0SsxF23jsXLsVGXPc56fh  
Q2mrEao0bDPndOT70mqXot4ykQ3SuPITPNKKewp3ltMsWt4xNcOHnc5J/u1o

OTvGByfxppe9dhraww4L4HI6/Wg4B+9+VNWB6CdTtJx9aaCB24/nRsCuJkBm  
3cAdc/zFOx1GMehqWtdBrUivto065ZgOF9K4/WMf2XYDJJw3HcAYzVRtfUTO  
stCRZw7sg7AeKIJJ+Yd+9DBNsYTgHJqjekNt9/Ss5JpXNaWskRYwq5wDnr60  
sAL/ADMoYnHJrmcWdty0ibYyq4AH50yWTaDg89qnrYXUrA9WJ5HvzSfZy7q0  
gGzpj3/wq9lu456k0ziBPm9cD/6/pWO8rSzZfr3Aq6a15jnl1bKyIWYyfMBj  
HYfzo5QKzEFunTiulW2OW7aEOSzK4GM55rS8MZbU52yCBGBz6807LqJu50yj  
DnHU81Ko5XOc1Nm2O9kcJr0vm6vdE42hwAe/AqiQcAt9RVJ2B6sANrEMfl7k  
UqcjjoKrc1b2HdFJH457U9V3L6AnPI60+gmrO6EZdplA9+RUf8HHORzmk22N  
q6NXQnkFIMSQY4mBAPQmuj8Nrvtbi7yAZJNuPpUSNYxsm2axl6Yo4ODnFLQI  
44kdvyoOccHk9/SiwlgnOITnHtXP3SmS4IOAFX86znY1paMa8m2NiBjABHbm  
pPC2nHVdX/egfZLfMs7N0PGQPpSpq8rm1WTUHYb4h1RtX1SS6PEKjy7dccKv  
f86z7GMLG0jHcSPI96cXzNtGU7xgkWvDS/6FrN5gYjATnqOuaZpmBZIQDk9O  
OtaJPqc7FvcRhTyCefajcAeeSRmrSsZvUXO7J9ccUgUA5lyaVtS7qyF0lc3  
Vy57MFH5VrAZ6YNK9zRW6D15YEccYFPCsOvPpSuk7MdhRz0NOycDIHtjrQ2h  
LUcnByfwqZeVxnmhj6kgXjn8xT8ZOB+dHmlkHTBwfr1o/EfhQO49Rn0xSqc5  
CkZ70wJEIzgjHJ74Psp09AfwlpeYX6EoGGANEzALgNx2yKm7AgLcfeAH5Vh3E  
vmXLtu+UcUJdw9B1rOsF0sjlH2j7tan2vTLgnz7RUb1xg1XMk7Byt6kyWsOd  
1jfyRH0LZFTf8TSljd5NvyYlKE1SZm15Cf2msTbby0mjPrjNZt/fwXNwl4Zd  
2OcYxSY13KcKF7hjnjj8K0Y1xhsgEd84pdShwHzcZNBORhs/4U9QHBRgZHTm  
j5SpC/iKNEMqX7AQOc8+1Y5KtyBx19q56vNc3p7DckNg9AMY7UiuM7D6dcda  
wcX0Ntxxtptm+OEtEM5IFatrrRTS5bOPTInZVADIMsOetbUouGr6mNW0mlcy  
kebYdyd+d3anplC2GO31z2rGpG8rmyasUk2vCvsajnXdbSKeSR0xW9rltmZ4  
bmKTTW7/AEUn1610XBPPHsK1dkjCT5ndCuG24Ur17iql1hXGDWS94u/QglOB  
yT6Uikg4BH1NJaBZPYIIAkt2UnA7msLRD9n1J4BgK6/L6DFKLd7ISTudCxLA  
YG31NNIyQAoe+a023EtdzJnlvEkUjAlZl2H3PrWw4KuDkeh4ob07iW2gqjJ  
PI9/asXVmNvrldserFSfXp0pc1wb5XoddnIOD83XjoaAcNhjjPatjn6mjaH  
91jNPkiAPTFJCeJk/GMdf1pCQMYPp0p2aAacA525Gaa5BPTJ9KLtA7MX+HjG  
PamlsYzgCjdgNPUEcY/Sk3fMSMHihRUuLplj5e7dle1ZkitchMkuFxzjjip  
k7K5pFJoo6EzLYshxxlf59MVp+gz1FZm612K14pEeDkD27VT6KuCd3etltnP  
LSeowMN2/BwOKfMT5Z2gdCfrWilFuzFyt6oh3YGfbkY5qalDeP4gfzFS9WPk  
aV2WVTdwzfXvgUgUnl5lx+FXfoZtXBQQAG/XqKjvdqvA5x8km76/Sk1dWCct  
LU6fduO9WGDyPenKV78H0qEtNCm9SRzmljqKgYkfN19arZCT1DoBwSOIJ1wW  
xUu9h7jTw+RnGKZjLZHWqukGogGFPr25ppG4n17e9J6ArjQ2ccA/h0pARyPX  
mqsJjM4YjsfTmkKkgYPA69+KS3DRiZDcDp2pT945+voKT0Ym22c7qSSW2orl  
vygnK1uW0kV3bLMhGT1BOKiemxrTa3GCB5rgRwDdl3bPapri5j02l2trte5f  
/Wzeg7DNOK5UN3MtHVfmLlnY596GmUnOGLE1NK+pFgjuLpctDtUYGC3WtCzh  
txL5jP5s5+8WoUrUYmrasuE9Mjv1xSc4680XdgEyScj8e2KQZb7vHueKtbC  
kloJg57Y6UYJPXipvZag0IGA13fhQXO3ntTtcS0K9+T/AGfc5lyYz7DNcZqT  
b7W2wDgR8k9cnrmkkGu7OytGZrK3llwUH0NSucAYx15qZNLyPbDG5b8KqXK  
kyJxnaDx7VnN6amtJXkVAd8gK/MuKvwIEjyG3Z71zNtHY9rDpGKDA5z29arM  
cn7wwByT1qlpyV2NDgowOnv9KR5NsZLHA7VqtXdE9TKu5/MZgCACcEetQEgl  
3BB6KO9dqVonFJuUtBiBtrt1AOAD1z7UgzhSPmC/IRvqiflUdeTwfVDFa/hf  
as92wUEjGOOIHKs0jeQdckj0NWYyN/K5AHSk07h0PPb/AOa+n3c/Ngn1qtx8  
pzyCPT3q9L6AgPysec5Gcd6cD82R06EU1qS1bUFYb23YYHqKmQjd9/jt7U2  
rDjX1AlmX5uOMYFV5DgHDdu1KVr6Bytas0LHcmnRqvAfLMPYV2eixiLQRSm  
j5iCzZ69aya1KTbiWzyM5GOGxRjOOv8ASgl2FQ465H1FBODinrca1Kt637rG  
cE9B61js2ZXPcHn61hON2bUo63KOPYEYihy0jD5V9TxiuovoV8O+G4NFhIF9  
efvbk46DP3fxqo3hBI1JOUoxMPykwMKwBUdycZ9qikGyJ2AA2jgAdB606K1b



ZNfWyL+iWMkXwp1O/wD4Z5h1643bTWbZr5dooB5wfw5rS6crGL1iWCcDJ4A6  
UxXG/Gcj34qkrmMrpkgbDngAGkL7DvY5C888U7XE2kTaMoFh5hbmRt2R39K0  
4/l9R/Ws72NY67DuGGCf0708ZHGRQmUx2QSB0HrTIBHGecUnYB6j1zipE446  
HuKNwuSrn15+ISrycHr6AUraaB1HBuwbH6UAgkjOT3PegB45P3sE/rTgoznl  
/Cq1EPUC8fnU6YwMkZpNNjY11Yk4x7f4VDL8zEkc5oAgnYpAxJwT6isUqEB  
JYMc5HFTexUVdDlp4Q3zMAewPWrA2N90jNRLV3LTtoPVG3ZDYOOdtOF3dW5+  
SVsehORUxckyuVSRyTX5UjxOgdfpzWXHdx3lzNKkeGXAzjFbKV9zNwcu7F2y  
TCDpkn2q/jAHAqmZqzADPWgk8gcH3pgKDgc8U4DIJzjt1peoGVqcihFjPU  
nj0NZzAbiBWFsbvY6lbDJGxyfT1qsHc5A6Z6VnZL3jVbFy31w2SRwOu8pzgH  
kj6V1/hey0/UtEe7e9S3SVizhsZz6cmuuD91HDUdp2OXkKtNKA+9QxctjqMn  
mkKjBk8D0xXHU7Sx3RWhmxsfu4wKV8liBWzVth7mlzGy8QKccN/49nA/Oun  
cEHI0CD0P9a00tZmPSxly8nHXFUrxclXHJBxisVpoXfS5V3EglQck/nSFvl4  
OOe9UtEO19UToV80jt6Vz9wRZ67EwPUjGO2aUXzMTvzI6UdeuQDke9MLEjKr  
15pyV9x36GT4iDLDb3QG5oZOT7HHFbDbZl1wxO5d2fWny6WQIG0WxWmiihzl  
2AR6cH8axtVlvLE+WpDqcx5HU+IOCa0Zk9ZaHT2D+ZYxSPgnaMg81IAMj9Kp  
Xa0lla7sX7FyGIOMe/pViQZPJ/CqiiJaFdhjj9OIN64Pf3oeolblcPtH4+IN  
yOIJgkGABjgf0pjEEkn3poBpJY7QDz7cVYjthEoab5u+0UdR9DI1hQb9JSB  
8wwcCqE/yK2ecdgOTQ0i4t23KwMCFtJ5Mhkt73HVTnkGtPBjwD8nbjms5Lsa  
wbauyOcf0wV4x+Nz+fkWtnjr3q4LuZzStuQxjDENkknNSFtyLtGT29KrZmc  
ZWeo3Bx8zcEfkKktmKSrlAGwQfr7UOxd5XL0rIWyowp7ZpnmR7wAcbjgetW9  
COTmTsPKgjJA64CnvVHU4ybNjnBXng9qRndpo6e2YG3jYYGVHWpckHqBUJLc  
t6Mk48o7efeq3Vj2J607XHcdyevH1ppOV6CktGLcaWOCcECmjinj+IVYNWITw  
cfjUa53D1BpaMNUK/AJPX2pmMtg46UDbG4JY7fvdvahjuAxx9aLXQMarH0yv  
WopH2Axf0p2T0M7tmZqhW55ifeyYzt52+tLp0byT/Z44wm7HOeB9fSk4JO5  
pC60ZuXE0dkrWtiweZwDLcD+QNUlgiVcDknlmbqfrWc2kaRuwaBQMqOO1QmE  
KTgdTWfMm7opq2hCRIjkdR1loaQZ+bKnOM+laPe6J5Wy1BdupAZgVHT1/wDr  
1bWVXHBH41SuZNEc11DFgOxyTwB61JHKk0Qkibcp/u09gEOQcKB14yOKU5Ze  
OOc59absxPcTPzc8cd6QkZO08Hqc8Yp7rQGyVqLZtNuVHXYTk9q42/YGzgyd  
WQ596L22HqzSLMn+zLYHAXGPxqY7RweVlwQKlroFtbkeTnnqT2qpc7mmVR0x  
kn+IRVT5TWnrPyJlrUqmcDLeg6VISlohu55wAa5G7M7G7qyK5YksXPfilRN3  
DcKOenU1XQS0Hehx8vfd1xWbf3HmMyJkKK2ppkznZFHgBmxxxScnBU59/wDC  
uk5OZMCSdhWJYcmj7jcy8vHINxbSxhJyT0DIZi3cVv8AhmMfZbplPJKGT+FT  
dqNrFtpmuuSORn61Iny8t1A7cVmmkrDaucfr9mYtQZgNqyncv5YxWQwwwTp1  
96uOwaXuOGSSxA+np7U3JB54FPm1JH5AZgByODT4uTnGSfT6Va2uNAzZjBAI  
7nmq8/Eee+anViu2a+NlrfGzY2oVOO5J/nXcqohgiiYcogHA71k9yr2iNyM4  
HyjHTFKjE9M496e25O45mOSCOvT2oPlxjn2FTsiyhqDjuc4ByaymYRAtjG7k  
e5rCZ0UU2rmh4L06G4urnXdU/wCQdp67t3bzKpPezandXGo3WfOuH3DP8K9h  
V1bcqRFO7qN9iN5MOElznuelUtRIKAbOdxDbe31rSkmlqZVZJ1DpNQuRafB/  
R7CLIFz+8cevzbjWLEAIQOePzNVHfUifwpC7mPByRxj2ppPIHbrxRjQL0Frs  
IH3dDnv1ouWAsZCgsNowO/tVXsTY1rSMRWcUW1RsUcZ4/GrA3cgN1qb3NYt  
jkyc8/UVlvbPBJ+n4UtloA4cdRThz1/A0bBe49PI+ISLgnIHJ6UMdiVAO+ce  
1SpmlbQNiUEY5A/xppXaB0NNBccMjjjH0pVIJ+6VajqBKoyeD+OanTJHzH8h  
S3AIDFUPb0JGKqO5PIPXvmkwMbX7lktVvx2s3Q55zWmt5OiMoYN2+Yc02rg5  
cqImYyOWJ+bGSfSIFxKoUhyo9jVqPRmcp9SxHqMynn5h1q3/AGqrRgMu09zn  
vWUoJaouM5LcpX2pbWGF+QjkrVnTEQ2yvEQQ5yc+IJQaaNZTujdt128Y+iW  
RjGGYA+54rUyEKjIIPA60u7nHagYdTnAGOIDkFmGPrQ9AsYOpI8lwCG4QcZ  
6e9QAkDeQeeDWEEnqbrY0f7AvWt1mWMMG525wazZ7d4HYTRMnGpMGMUnSaVwj  
UvoYs9ntuvPZ2lxjA7gVrwRgRPtzGG5wDxVTk0kRGCUM2WYzuXntTLliliAD

uOAAK573d0dCV3YzVyrA+/PPapUBJLEAZrpltoNNWMjXotixXAPKhr0+n41t  
WM5ubGcY8l1wc/196WjV2Zu/QvKNyDcc49B1qC5i3RtgnGORSbSY0nYyt3zA  
dDjB+tKF3DqMVL0VkcCuPjIL5OOeSayvEMW0xyjHyY59uKqipoKeljbspPP0+  
GUAncuOe2KcoKjA6E9f6Ve90DumVdUi87TJo8fPt+X2pNFIMukQEkerkN+dJ  
WQ5S0sXGRJLdoWOUY4Pc0XMVqbOS1tDIU2cCQAMD3qbu92S7taCeFZHI0dFI  
HzRsRzWrijB9DWqZnNWdkWdPceaM9+OauytjvkHtTWpnlryEk9P6VGPvHNMSG  
kHqBxScFeO9J6DQjsBgAj3pscbzuQAQB1IHShdwWpfjjS3BEbb2PVqRiXTJ/  
WhMRkaohaFXVSzK2RWZlWY9MtnoKHvuaQV1sZOn5h1CVsAKxx16nmttzgnBz  
nGPSokrSbNY/CEhJBPOeOe1ZW3aSRwDwM9qdNvczmm2kNYDzRg468e1OIJQb  
ehGcEVTbROjDjBPXpyf5Um3JXaxTI5l4poG2WTEqPhCH3DPJ4GKTzFjj+dCm  
Dgv1Az600nuxScehMqlsMGyG5DA5qG7hMtplq/ONvboR6VW+xlsrG3p77tOg  
YYIK4z34q0Ae1Qro03JUGFIGQcd6qk8jce9AgOTzzj+dMPGP1FAWDIK+o7G  
m9D904Hei7Q9ERg8cjn2peByeRnnHWIZD1YpJAPoaYeSAQfwODQiGNHoOmaR  
yAhznA5PoKsalVdpAQgKqp5P9KSQLsYaUcdAOx+tF7Ml+RHp2lfxvk2kYUs  
OW/gUeprS1Wa1t7OXs9JlajbcXB6EegqVds0b923U5KGeWzkEMpOOcZPvWm  
LhHXKkMO3PGKyle5Uelh32jDY5wKZ5uOOo7YqFfc0bXUUTKWGcHNOAhmZt+A  
McmiNwegw+QpwZCBnt2NAkjVvklG09H9610dmS2rMqXsEu9Du+Qk7WPv3qTw  
9vW6mTkQxjaTnuea2cny2OWN73Nk/wC9g8f/AF6QsQvA5qC7agefb2pAykEn  
nHGDxSV7DK9//wAg653Y+4cZ/SuKu2ykag546VS5rC0OztjnT7fBPEY49vWn  
jOBnp7UI5IOWghbHXJpoi3ziR+oXAHas5y0LpaSJXYKc9sVUclzzzj8jXJre  
zO2Om5GEaQgA4UdTVogHqeFGR9a0umrA3fUqXrOISY85+nFZGCxxIOP0raiu  
tzkrRd72F2Jj5j8ucEY6/wD1qaUXPOSo9BXReXQ504vQbGg25c7T3A7UmAWK  
nk4Hyg9Kcd7saHKgjBPBOSa6Hw+ANHZwuNz4H170SI5jRoqcr83TOKI3EgD  
I+tZNIE3bUjull7iLy513rn8c1y+q6RjBq7oC8XXcByPYiqTsFtLGR5e1iDn  
aO9CpghnO7kDA61WuxL01YBhk4+ISkoVRgkHOTVbCTuKwwCoHyE8/X0qs6lp  
Y0x949PWk2KPum7s829t4ITIMq5J7d67WYhpjn+dRKKZq7plj7kDrQO/WixN  
xenfloGQB6VPXUZmXzAMcnjtWHdOZWCI20KdyO3vWUkpTNoyaTNS/wBYF54c  
stEsLYwWcR33bHrOwOR+FQlgBuwAOuBROPO0VSThF3GEB1wMbs5OaztcwNO2  
jALEfzrW3JE5rqUjX8TkjYArZrkCG2Pyj8KrFc/MMDjFUuyJK9khDuCjb1A  
/OI2AMCwwD2qm1uJRutACKxVh0HT8abN88sUaZO+QAcenJzSv0YJc2pso3PT  
H+nSgAAAnrmlY0JB0zkZ9u4p3JPXArJvXUocBjqfypy8ctk1bYrO4q4C5AJHW  
ph15OM84pPYCRSemeB2qZCFGOB7CheQDxk9Tn6dakyBhk5wfX+dF2x2EHPPQ  
frThtJ/rmqVwsSqM9OfpUqdOtINh07ARAHBFUWbAJzio9B3Oe8QxyeYpZdqB  
fl9896zCoIHPGMZ/rW0djK09Q53MoYfd4PY+1MDZAPpziqa0Is72FJDH5eww  
fxpxJKgbQQepP9anyCcpLoZ9++5ljT72Rgj3rrdKtxFAigckMClcu6drG1Gu  
1OF+vHWncHOQMdMEZouaJDhjPQR6UAKZ9fY1IXEHQHkE9jTJQQduMDHSnoPq  
ZUoDytkf4VLpemy6leYhiaS3t2Dyle/oKxtd2NjuyOIWTL4AZCONp6ipHKyr  
tullkXvuANdRyrRmXc6Dp84JiDQMewwVNZdxoV5b/wCqKzIP7vWs6kLrQ3p1  
ekijse3YiSNwO+VqNpA1yrZGFNcvLJbo6ltN6Ga3yjH8I/SplYMgY8gdTWr7  
IQK+owrNaMpGW68+IV/DMxMUKDZZozIV9Qf601yrQTepvQ5zgzxT2OSSMkVE  
+4lqjllTERAx7j1qlAqBhsEeo5qVq9g2HloBbGdue1RanELjTpFJ3EgYbuM  
UKVpEYfMtRnhufzrF0fkxuM46YPStbAzg8d89a1t2ZctWBjXBBPykVj+HFNV  
cXdkx+ZG3Ajv35pJaWZL3sa0fyFuQWx1PY+tNaIMwPIYdCKHIW6K/h+V01G+  
tZjkRbdp9sVuPyORzVxbauzOpa+hJA22VSR+VaTdM54xgcU4u5nK5XYcnccZ  
9aZtHXP49qGJJpDGPXnHvUfmAchSSfah3YE0NoZhun4T+6OtXOEQKiIVFCGQ  
liAcY/Om7iff9KYirdJmFyrEH6VgklW6YY8YqXd7GkdDNIB80luAnetxvml2  
gBiP4ef8mpbvY1UbDdymMnqe3pWfODvb5ep+7TWisTJ3lZBiVSc/X3p5+7IR  
jjHWnqtzPZWGtgRkDv8AnRjABYAcD6vRk8trloFSnA4zipckQysN3ahXM7Ed

oSZ3iRf3YGQfXOc1oNH/AKNIoIbI6mm9HYqzE0NlbS4gf4Sy8nnrWiVJPA/G  
kmVZEgeh7e1VSCCwJ5z360XE9xewpnVemMdzSeoXsKT0A5zUR4bBOPT1osN  
6sQ9c9+/FNXjaCTkUJisKTnjpTS2QQSCfbrRoOzG5wCcYxvUSfbHLgEW6cD/  
AGz3/ClqtRXsTi1hg3uOB3pdL0661i9CRR89Vz91R3J96PQFqXL6+jsl30rR  
2PndJ5R2zWdDDHEuFy3qx6k1SutCXLmZFqFjFdR5wFkXoemTWE6S2TIZBkdu  
MCk9EVFlpZA43Kehz9aEIJGBnPPWDZs+jFI3c85I7cU5QwIx6HirvotRpLqP  
8nzVDnuc4rSstEMy+Yw/dLzyOKhSS0aF8OpmTzHznhnTemcAY5Hp+FSW0gRV  
EBAAGMdiK35m1ZE8itcuR3CyDhsHH51IW/hxkj0p3MmnF2FY5AJ6jmkJxnAz  
xURkuHTTKeosDp1wSSAE7dMVx92B5YYB29K0voQr3OxtnJsbFA/5ZjANSlg  
Xxk/hUWRd2MUE96IAIUE8g1E0XGS3ZWkYkMGyFXpxyaiK+YcHKisbSjqkdic  
WrlnAxyfl61Gxyg2H8aT7iTa2CJVZXEj7QFyBj7x9KiMCMNrKOcUczWomlLR  
kQsEkdvXPv8A/rpsukvu3l3rxWyrO+xjKgr6MpSxSRzASKc9OnWoJVUP8pye  
Oa1i+pzuLj7rHZRYeQcsOfzrpdHXy9Diz1Y5/wA/nV9LExLQ57nbntTgfm2j  
O72rJO5XXUd344NLkksTyCMGr8xehk32iRy7pLU7Gb+A9Ca5qe2kify5FZG7  
gjFNT6F6NEZxkj+VOQbmB4A55p37mTWugY5OSenPOeabaoz6mp4+T5v/AK1E  
plaizpNExP4gix/q4kLEepxx+VdE7ZYk9c5OO9QmmzR7AQM8/rRwSMk5p7Gc  
o3HZ5OT278mkZgv5VI9DE1B8q2OxpNN063bSby+v2dVXCxKvHmN0/SpULXnc  
uU3ZRsVrZMRqO5GT9akP8IPzZ6+9TT7s2rXhCyEUEk57cDisvXAC1rGMfNlu  
cema2epxQVtzU1iUXGvsBjbEQo9Ogz+FDLuXrTUEWBTv3oNveRuOCKe6EHk5  
J7dQBRrsFkN2k5y1JAm7VocA4CHp3PFCIbQmyZrjkcZz0lqUAHvipV2zXRIU  
jBzgfypwHc5J7UbBe6HjjqacM+mPX3qeodCVRnkGpAMtz1HeiSTKHDO7nOPU  
VLnjpz2ppaE3JAeemT7mlJJOT+VF7DHDJ5z0p6kd6LiJEGe4x9KnQZY5Ufj0  
o6C1lbkgvjsOIU5Gwp6Y7nFStHoUcnczyzTyFnZIBwobtj0qFXI4I6Djito2  
M56seFOzgfjillU5I7etKTISbSAoFcFc8dDTWG1t4/D2qTWKb3Klshm1iKMo  
CuSc46DFdxaoMBcEL1yB0pWV7k9dC/hVGAeMfw9KQEKdM49KC+gvy59T3zSE  
D04qgSHYweCCR1yaLO1fUbswL20AfM5520rXBysWD4WgMTPHrG/HB+UdfTpW  
xoVqmhaYI1laV5Dukfz9MURppO5MpuRoyfYL7i6hUueAycNVsXQjgmxnDoP  
4HOMfjitLkmdPbTwnNtnhdD/ePT86asb4+V+PTmkFweIn5Zo1f1yODWdcaJYz  
cohibOfkHFO19yoy5djhW6k98Y6U63PHHixiueV7ndHexJlLgMNwxj61h6Wf  
sevSRvkq+V47U6aVrIn2djp42AAJPHepXHPXPtUST6kLqZ92CJAexGDkdPpV  
XJBHp3yKWt7CsPbg8EYzSkeZayRkgE/y9Klq0rsL6GN4dcwapLbk4Eg24PfH  
NdC/BOSwA+9WrJTvqyblzu6d8gViSH7L4sR8YFwm0ccZA6mpiaOzaNVxsmX1  
zyByfSIAAx82DnFTNOS0EtBNHijXxFPJL1khww4dc/nV7U5XsYRIlvMQkDBP  
QVrDVHPNhFMpkjBVo5H5CN3HtWyj4RgYIHaqSZDWmhWkyc46ewqNmWmK57Y  
70wGENLgJyferlvbxwHc+Wb0pWaAkeTcQcjHvxTCeD8xHvmnsNEechpS7vl6  
DApWYEMoJ5yR71zc2RcyLnJz3p9C6dnLUqXKYfaercc9K0bdlezjKnk9SKmU  
tLGi6k6IFA+X5fSqFyuZQe9Sn1ZMI7tys4BOf7vpTgvAwatPoZqwFc5PUYpg  
UtgHue3f61pewrFqFHVmGqy5xg8EVbghEkO91KHnIJ4pczauTaKkOs0G4si5  
ReF9zVraDjdxkUlpqJ6IXQsm1IU5ykhIz7npWqARyTSK1JYz83PIzVWXO85P  
fpjtS6DEJyeKaxnn9OtPZAwwBjdniopPI+Y8j0prcS1DknA4prg55AYUMBR  
w3B5pmMBsfNjk4pK1wKlXlLiVraFjtx+8IPIFWAFih7LtGAFHQUWGHtra3Op  
XAIhjY9DjGce9bGp3n9m2z6RpLg3DDM8ynhAecZ9fapSXMOWkTHWNY93lgkk  
8sRyx96djHHfrVt3M0r6jQdxxnH19KjuLeO4iCSjg+o6VT8xX7HPXME9hvcN  
+6I+8O/sanSaOQnkAgdM4/EVg46mqblG7J1XLEcjHRT2H/16liXcBkYJ/IRZ  
vUtySRchi/eDr1rSkme2iFuj4Q/eX3qWtRN3Mae1Z5AyE57n0qD7PJG2QPkl  
+Y/yqneJorNaEbsQNwzgywCOanhuCDtI5HPNPm6mMolrZayEqQaQuCMdvaqS  
W6lu0Q3rbtOnA4yhGfT3NchdALFE3BG3kU9nYrfU6y150+3l4BQc1I8ir0OS  
BjrWbmolKm5dNBnmE/IOh9BVuP5Y0yCML60qblJtsKqSSSHYVsAjJPsmesoD



Hkc9a1silycVYY8T/wAJBAPT1qCRWUNhSB2NYuOmh0wqq46Nfl6jJGO50hG  
cbQ2SOMKx1Tszpvd3LUUQQEKcnOWNLK+yIbSefwqEybmflwHLcJv9apmFCvz  
LgAZB9fat1KysgcYyWpDNaqEyz7G9Ce1a9rqFnFpsUJn5VMfj71tCbmijqxU  
GOj1W0JB84dOMDip0vbWQgCVdx+nFUo6mPS7LIKvnGPQgHIp+flwvPtQ7oau  
0GRtJx09KhvLSG/iCTAqRnDgfMKewk9Tk72yItLho3H+62ODVQE9xtzwcVcL  
SVxy90acqrMOACBz3qTSwXmnY8kKBTkTA29IhklWea1DM0ahTg4yaurqN5br  
iaKQ4xnKf1FZ26I76En9sxAydCCPQGnLrUCjBR2J6DFPRohp3FGpyyMPItZS  
D1zT5WvZUJcCFPTHJpWWxXUwpmma+MSuxCj5ielad1OZlgtULCKFcAfjnNZ1  
X7trm1KKcgVFCKRyf51GwOT6dqmk+4VtdAlK9g+2KydtB/tS2QcFTkEd62OZ  
b6li1fz7/wAwDk54+vf9KvnBGDn8q012ZHN0Quw7IYg5B4oyBwvJ6EeIR5oa  
dnYQ53kA5IbHSksPmvZpEY/Kduf50Izq49b2bNNcqBg+3rUw+bjv69xQ9Uar  
sLJyVUngDn1pFGOhBqdtA3H985wP0qQdMnpRy22H6kq461ID0wDQwJUGD1x/  
Wllw3Ax7Cp8hWuPXB9B9acOhwPxqragPyMDOR70o5PJ496YMnQehyKIDDBJw  
W9qWoMpysWcnHFUb+TZaPzg44pbbDW5zJxu5zt57c5oCndkHJP6VpZmbaH44  
4PHQ0wjg4wTnpmla5Ku3djgSCCcn6UyZyliT2zgUXW4K62JfDNubi4e4GQij  
AOODntXY2oHHUD1xmHjjfJtk7MuCoJPsRSgADCnn60tDRCMpK84IHbFIANpy  
OfTvRe4xScIc4/LpV3QJFikmlAMjAdRmhbkS2L0oJYB9mzrhRj86V3yPvc4x  
x2rUzsL/AKN91J1EhH0xUiNdqB5MjHHfPBpeoyymp3RGyeKORR13Dg0x/sE5  
J8qS0k/vLgrSGQSQbQSKiTJ6qefyqHYjD5Tj1HSqQHlds3m26Sg5Eig0u4xd  
BnnNc8tt0lrUmU5Ucgn19Kw9aVra+huhwVb5vQ1mpWHNLQ6eCRZUWQZAZd2  
O1T8kblxjtVN6EdSpdoWiyBnH5VQZwAoPWpvd2QNtMYmfM7jjH0qxEQcbhx3  
FO2tmJW3OcuJDZ+I0nXhM8Y9wK6yaMbSBkgY5H5im42VkJLS4Bv3YK4zjrl  
8TR7Yba7iODA4P19RSirM0euxpTOSqq69SAaaGJD8HHUUpXSFazKl1ctp8lv  
erkrE2G9dp4NdVIsWq6ZJ5LK4K5XFawMaqvqinaafHBAJZ3ZpwuSTkbfatW1  
YmEjGpP3qmm9zNu5DK2G6n0NMhgec5XOz1NIRdVI4BhW5I6nimFskgk0wbEA  
DcYwTTOftIpNsfQbyx68inAA+/FTewyOQZB46VhXyBL3sNwBUr0psqDakU7  
2GSTasQ3SDt7VNP5byRHJgMp+b0qZJONzVbtFoDDnPTtVS9wShX3BAHtRBXY  
p2sVGyQR2PHFKAegHsMvrsYO1xBkhue/HtQB/dOD60+bQEy7Zxs6EjAHXmrg  
tUP+sJb2PSkrpClbm2JjhflA4HA9vwpFxkH36A07dSOBUq6X8t5dxk4AYED0  
zWqMkZ6/Sp2NSWNtx4ZSPfrVe44dsHr6U0Sxo4Hqex6UxumWzSW4+gZBHP4G  
mEHqcY9qBEYYhgOcf0pxwgcYB7e9NxBey3GARnPOFV7uUW8eVPzP91femu49  
9ER2kQii3yHk8u2O/wDhVuxsbnVbkpAjfLgnA4HvUt2HZXNe+vk0q3bTdgCg  
6P8Arrjrszzx71iwwrCm1STk5Zickn1PrR8KsZyd9QOAodec0YA5Oc/zqkTo  
D88EcHtSFevBI7fSkhtGdqksRsZY2YNIBkKBnv3FU9H0uO8u7b7VOYrJ3IZ0  
AL5HZafK2xxemo+UPaapcWzmSW23EQTmu1iv+0B0NaEcJZQc5XOAwrOceV3N  
oNNbF6NfKt5JSM7eiD0rPkvY5GIvtrjqG4qV7xV0mPiuwMK/GQc4PAqdZIZM  
4DVTV0Q2+hQvXjbJA56dKph1YHpj9aT20LjHXUcPkRdkTYyMDjOKXTzOZDGV  
LI3IYc7cVUddOp5Et6JTZTKsbbiuOQa5rVIHhgty6sAy4GRjPrVpEONrHTW  
0byW8I/g8sdanFqucMST1rPku7mvtbKxOEVpuKNvfPWn4OfllxjvVNdjHm5m  
IOOQDzz9acfmUZPBHQUEpW3EIIb28+p9aBg8Y/MUK1h2fQj2DoRgDpSiMo2Q  
eTnrUSgpl1jVa0YgZiYg8461Xmdid3U1jyOO6OuFRSKrusMfzNwc43Dmsma9  
eQgJ8oHIOefxrWnHmd+hFSfK7lqSTM5G4kk9cmmFtpBB9sVvypKxyt3lqxue  
CQdpz+dHmZySe4wPalewiaO9miC+TK6nuQ3Natp4hnpjUeePNQ8ejYqnawlrC  
27LUILvhH2t0KtwauK2W9h1qHGw43lby2ivYvJn+71BHUGuRvIJLWdoZcvt3  
B/vD2qpaMmU3sV2P7vA4xzirOjopgdzriRx06gDrVTeuxauzd0J2gsWIX/U3  
Ep/Mcc1tq/ykAcd6z3Wg5NRlyoMlc7o1J+gpyhQMBFH/AAGpasTe+44PtBAw  
BjtWfrNyYLMfivucKvrSb5dRqLehhWqMm9esuF3Z5/yatxYRiWb5ieRjrWNS  
7eh10nyrUs7TyOmD0pPm3DjoOe2a2iuWJx1HzyDncg6E8ZNYdx++1gknhEIU

+nv9c1aXUV9blvaRA8hbyl3MuAcCtF4JUUExnjnLDpS543sxeze6lhlp43jP  
XrWVPqnllyssf00/eovfRAttSn9vuXDEnGT2FT2eozWyP5i7wwy394HPatVFt  
ahKz2OisLyC7hDRHJHG3oQatK3Bwcn0rNppjS6sQsfwPGD3p44YY6HJo0Y15  
kiMCAe/vUykfd457ZqbdR3uSKDgc9fanqMN/hQ/lfqSqMLgHin59B+NLoPcc  
COp596epzzkfjSExe/PH0FSJ16cfSmrgTLjuDT5GxESMUmBQJJGcjFY2ty/l  
kS9T1wefrVJoDI3Z5HAA6ClwC4xuAFaK61MGoyHKRnDDA9hzTOSwJHzd8Dip  
W+pDlRCgsMhj17VUvZMMFHcd6lptGsX1Oo0C3EGmxoq7Rgc9/xrehDBMjkd  
+Kb3Ki7oeDxk4+vamnAOfIx0z3NIuwfMOn4ZpRuYjdkGmhNCSj5Nu7afQ1ra  
Ls/s5HQ5fJEGxyDTjqyZ7F1wpByqgHv0NVXMMf3WJPscitCLAlj57749PIZj  
/Htx+tWhol3JuAu2s9uM85z/AENJsdiePTbS2Um+1Oa6YeuB/IUyaKMITZQy  
SxkcEjOPektX2siERMpz90+hGDQ0Rb7yjd69KolHi2h3G6wWORsMDkDpgela  
MqgkIR+VYN2PQSVhyfcwcfSqWuQedYngBkw361ndJlv4SbQJ/tGnq3UxHawY  
dK2E5DDdxVSSSujFXchsilkKjpWXtUMy5BOe9Zpu2hTauNJwck98Zpsrsls7  
ISODg1Wr1JtpoZniG3/0W2IUcoOfqcVs2VyZ7KKUtneuDG+nHNvEyQou8WmW  
FIICKYIzkVW1u38/SJo15fAYAU1e5TIZaEOkXButLikA527TwxSP61ZUYjwR  
0pzs9B6N3RPFpT6IE8TowhbG4/3h7VtRacB1UWn7ooMKF60R00MptblsanG  
11dWn9l6xDreo3LFGtFCps2qSST2xjGG5Oc0qxT2LyW1+iwXEeNyBg2MjIwR  
1FaOyRgr3Y2KFpMvInseeAf4qmMixgouAPSoNNtCEt8xySKazkgAduuaOgrC  
g56dKOCc8kemMUKNeYnUYGcdsUg46cnv6mqBjZB+dZd+nzLI2OvfrUu/qlvU  
zbncYiwBDAH7tM0pyUbdywbBFL7Gpui+Tggc+IV7sAqGxgVml1JmVSPmyCuQ  
OuOaaCSOeuec9a6ktDG7TFP3sDr70jDjHQ9qm5S8y9peWWXbg4AwDxjmtEYH  
r+dCllUuNIPYAk9zQp4+70Jp9DNasq2vy61cKOAYkfx5rTBJ5A47+1Lqa30Q9  
DlgtJH0ps3DE4xQJMiWSc8DIprnByTk96W4DSeff0xTSMse/v2pgMJ+YADjP  
NBGWGOKQ9xCVGW6Acn2FZikXN4ZWOY4wduTj61UdFccbXNTTbC51a6WO3GFA  
zk8BQe5rW1jVINMs/wCx9B/1mMz3PU/ShJN3JnorlwLaNY4sICfmLFm5JJPe  
pi3HelvuTawDAOP5U3JyemKEgY7HfH0OaYVJIDHj9ad7Cs3sZ95phuLnzoZT  
HKfyPFUUrJpldbtkmYIUJXdjA6ZJqW3ujTyOg1FJrrTH+zTquX3yZTmQ9gp60  
zwrBdXlxLayyR2aWS+bdfaAQ2CD2PPvVNc2hGsVcsX11p0ly8VIN+7wGic8L  
KD6Gsa+tgcgptYjhh1rOScdDWDXuZwJI5CQxYDp61OI3t2CTq3YUnfdIWtoI  
8glUspI9jVZ2LMPLXBUYHFEbNWZbYRzEscE4B+masQXUlvMZImwDjOO/FStO  
orcyaZprqEjIGYgrgdRj8DUN7NHfWphnQMhBwD1BP8q3jK+iMXC25LafJBDH  
u5jUKSKnzuJ5xzjPrQ9NDKzuAz0AGM9zTgoyRwR70/QS0EHZFsD8/SoLi5jg  
IV2wT0WkPfcOHU3NwoRV2khQuec1rjkEMcsOopyT3Y7cocdDnrSseOfTv1+I  
SCaEOqCPT8KikCRI0jnCqOT1xSsx3szlrq5NzKzkEc4A9B2qs6DII64ziti  
7F3ixmMAnPpj2pVjyyj+HFJrS5mnqR7MDnPSjayr04I4JpFeggXbncPakyR9  
3PPU0A4kkUhVgQSpHPHb/wCtW5p2tlWSO5Ysp434+6OwNPViukjoVIEi70YM  
h+6emRWb4oUHRjKfVwsNrAdATzUTQ4tXOTeZXsyQPm6N/Stuws3XSYp16FCW  
9QaueqCG+o6+lew+yWgyEIG5u2eRzW7psZS2I83O6MIGB4PWohG0NXqXJJu6  
LRIBwMnPf1o5JBH05prQhq7HY+YkfKp6Vzd9cG8vy6Z8uP5UB5OamWpUbak6  
jYh3n52OWPWlhj83bJ07ZrCN+e50OVofPiR90ZPTmmnnGw5GMkA10ruziau9  
Bp++CoB9cdawQQb+9mPOPIH6VXuA0VzppDkd3/ZSSxFYIIYk4GT3FN8WGez0  
dWM+52YZPfrXK0pO51Qdzj0kYOTvO4jB9cU1RukCk8E8e9dN7HOk3KzNIWaj  
G1yDjJINDxuvLAOg9Tg4pKo72R608BCVO8dypHdi01ATRZCk4Yd+a7ROQHDI  
geh9RVy0PI+1YkGCMkg9+nGKXjk9DWfoU9tR+Rn5TmlVhvx7UlfZh00LKna  
ev68VKmO9ME9CXPPXP0708ZwT1NLbQe4q8jGfrTwBk45oYhw9zx6VIhJP17U  
lqPYnXORzn61FdNtXGAR3A60XC1im7AHk8+IYGpSbrwgnjJxnrTVmS2kipkB  
v880gJLksuB255rTbcxa/lQpJD8nA7Gk+Ytxg8+IS9gcXcax6nOeOKrWqC6v  
kjBw4bGfbg1Ot7FLQ7m2XgAYC9OlaGwhQDkAds4otoaREx6k/nTcMDgsCaeh

W4gID4wRnj1qVV3YAbND3C5FM2ZMDtwKn0SYxajNb8FZV3qMd+9ONrkzehse  
ZGWwJFBz37Vqx31jDH+4tlaQDKlgJJq2SiUXOoXP+rgFvEeskhwQPUCiHTj5  
ge5vZrhsfdGdtSPcuJEKAJiiA9Sx/rVefULeIENclGPUR80hmBd6IHDMN67I  
c/Ltfc/4gVKjrMm9VYA+qkVZLR4hZYt9UMZT5X6Ctkg9RxisJ26nXTk3qN+5  
noPc0s0fm28ileT096m0d2avWLSZXhebyb66s5GG5I3geuK6dQNgx+VU4u2h  
knewyQ+43D1rOuVKzkKcZ6Gop76inotCNggXn8vWobpWa1kEWC2OBmtJR6LY  
xVV9QvmjudOaFAxdV9O/U/hVTwxNv0t4W5MTZ9+TSaUUaQI7zNpMFi2TzwAa  
IQ72K9Nwxz6Um+5fQw/Dx8k3dmOTHJuA74rpbK12sJJhuychTTsnqKUrGIJq  
JRMlIggfdUYqrZXkrXDx3DN5o+Yc9QegqjCyZKtvLKzM8rqn8HIsUd3ww5F  
X4oRGm6dnd+5kcsx+pOSfXobT0BaIR5N3CDA+tRMeQT1FPRD1GdePX1oxjrS  
QCqMcn9aUc4746Utwv3FlwOePaoyO5xTWmiHqlc896pXybrCnuOabYJ9TKDM  
GR0YDjOcVBYHy7uWPkkncR3qLJrU6Lal5xyxPBpkyb4uD0HFRJeJMtVYogjn  
B54yBzinbeSFAJ9a21sYjdpYt2HTJ65phyNpOQvT/wCvVX0J12Lmti7eMjn  
HX1rUAXjGeO2KSYN9wJ5JK/ISE7eGBz9KLX0E2VN2zWoTwQ6d++BWouAMmk1  
qX0Q5eScZA7+1JcDBGOn0oQmiHjby2efyphytTFG4dA24Gcg+2f1prEnjHFH  
UQgGB2J/ITT97j6596m12MoX8pCiEE7peOKt6RpN1fSiO3TcAPmOPu+9U9io  
pXNzVb6LSLNTH0cjzz/r5xyVzzgH1rnUQRoACxY8kk8sfc0+XSxD1dx0ZBJH  
OR1qXuDnoO1J6C1EweSP8KQ5zznOOPamrMIXe4vUYzmkJCZ3Nj03HGKLD6Bd  
BriVVtD9mkkS7JELqPIPTknsOetM8R+E9b0m5E2pRwNC4+Se3ctGpHRTkAgn  
9amyk+UFo7mnoXiDSfD/AlakmuBPc6yjEQwPGCqtn5XzjGB9enasW9a+nvbt  
7i7hvRfBZJ7rZsJOMbAOwAwK2ukrDSu7si1G0Goada27yMgtQREuOn+RWY17  
qFliO7j86LkBs/yrJx5tylJrQnjnhufmikHPDKRg/Sonh3uAwJIHFYrR7m11  
YhZWT5kbHqKTz89hn+YrRLmE7JARCREO3JFI0p2AKOW6fWk7R0HsrskSch8o  
SFx09+9ThshQo6d/Wqi7OyJkubVFmxIDRyq/zMjcl7etNaa5GWyQBzguUa+4  
uXyGme4Vs7uM804Xs3GCCaOZ9C/ZRvctrdu7fPH8x/uVTurK4n1P7RMBHAMF  
S3r9KmE+Z6kOmo6pk8iyTXy3cscYYkLtlj6YHf61eRlxcTGMMA5yu4811TtYw  
VxWJ2n8j60u7BlxnP41kOVhp42+nTp0rL8Q3HI2MUWceY5yfYU9GFtjnVyBt  
J5xnjvQOYjtPp1+vNaSirBsOx8pxjG7oacqAqD1FFuiQJajChkII+8OMEUGM  
gHuAMjHpUyutEOKQxVAwASSeMGo2XqM4NMpWsMYkg59M0kbbWBznmpvYzcTV  
0vVHtJVSQ5t2bn/Z+IbPiOZR4dfoRKVKY+vNjrQafLI4+JCzFcZzgV0lxPJH  
ZfZEc43KoPft0o0KiuZ2H+MEMFzp8o5CMB9CMEctxro3F+ZpAF+0xiTCjAyO  
DU6NBezS TYwwHiz2NPzzjuOvtU82tgVzO1a5kEa2ttuNxNwNoyVGevtVC2gC  
EjgrHkZ9TTkl0Gn0Y5yJGAQEseo/mauQxCONEBwOnWop+8y6jSigxjd3549q  
YQzA4IJ/pWzRz6vVAWKZdCPIHP071zVuvmNcc/LI46+nWk7opXO+0SPZo9uA  
SQV45qDXoBdafLEyg5X5SOqkd6ydnI3jdl85t1eeUKg+bB/GrIpZ3FxceTAo  
d1GQP8K6ErHO5WZaaK5t2YvFKpH8O0mq5nnkyqjJJHAFK0VqdkMvVUeUS50+  
5SznzcQMkTMAGlwSa6bw3cNfxtAzYkjA6DqKmU+a9jllzJ3ZrvZylBgEgelR  
kFfvKcY9KiMrmlurFK8/L046jrTwwHJyc8VV7kWfQkj3KSTyOtWQSwA24lqt  
GhdbEoJA96cCCOn45qGirjgAAOSfc04exlPbgPwDjIGfXFSloPH8qe6AtIFx  
yARUNyqySYRfmzxgUaBczpyl0kZ/lwOpHlxXLYO0km5hnLE59qFa4S0iKegA  
agfMue+MdK0bbOZPuJ94HjqOp70FGwCDyOBSukrMp6la6ZkjLEHd2A7/Aeq5  
4Yg3yvO3J5lyOKSSbuCuonY2q4x3H0zVzGOvPvSZrHQTAIJIA9zTQBuz27et  
BQBru+YYP51IDtU4z+FJAVsgtk/0qNbyPTryG9n5giJEU3rtPcU46u5Mtjs  
I7exlKzMglV13RvmrEV1eqP9D0IHHQOrhAfzrRsiOoNL4hIBC2lnCP8AppKW  
/kKb9j1yUASapwW6/wDTCLP86gsifw8szf6drN/P7CQIPyAqSLw9pUZB8qSU  
9/MIOKB3NC2trW0GbS0hiJ6IVAY/jVC9KLfOWcBmAPTApoTPA9VTypY7IQQV  
I59s81sFuVI5VxmofvaGsNEI4bAyOvHoasKDsGPmBHArJq+h0XXKc9e25sda  
guEOwO2CPw5rq1KhvkOFPT0rXZKxhFu1gf7xP45qldrkhx9CfSojoyp6xlCC



TjHFN8vLcn61vscd7qwqghQygHPDA9Ky9KjW11mWDOlpBx7nmomvdKpySlax  
uhdhBY4HTmnKpdgij5v51m3ZHWn0LVhpkNvPLc7QZpsFm7/StA4AwCceo/IV  
KK6GMmG0YwyBh7imwW6LcNIqkyHgZ5x9KL3QktbmipEa7m+9646VDJKW5JwB  
/nmi3UBrkhe1RctnAOR+tUADBxn/APVThxjk0CuOZefmH1zR+vpmi4DT69TT  
SeSAAcDsZpWYxCCDp+dRSp8jg4OR0oDcxRwfmwMNjHb61QcG1uxOCWDnBH9a  
OXc2Umr1W+ZflwW700ruUjOCeuKzS7q5W1yhk78g89D701sHhfX9a0sk9Dn  
u9gD46flTWB3c807FK9y9p+1ZWyecYU+taGcggnIPSpjfVCluOxuBxnjAppX  
lwePWqWm5m0U7oBLyykzz5pB9hjitQZHcY7YpjWw9c5BJouOUBB/DNLXce5W  
PQ5GR7UnAJ7HrimMQ84559aQ4BxmklcaV5zyKjkZVUsTxj4UBYXQNJudTv  
Wd1Zd5AJ258tfX0zW9rGpQaUr6ToEheQjE11xkfl3ppXZUm0kijnQojQhepOS  
T1Y+ppu84+Ycn2pW3uTqOhDbOeD3+tSZOSTzRYT0YmDkE4HrTccH8qYrW1Fx  
jj2qG7t0uYdkhO09CKQtUS+G7LUSJFhvn8qLKRxqeRnrwegqvLrN5c6Uvh9b  
nfHcSFTLdyM/INn7wJOeAoo1Ck07ocrBNYWesWmqW1hqCtLp8leF3YKtw/Vg  
o7+31oXAsbVW4+TJJ6g9wa0muooy6Eb3CpnB3H+IQSStKjrsyPpnNc8nfY6F  
FrVmS1hDLI3lu0TBeAR97/69JBeXNu5iuEMiAD5scj/CkrtWG2lsiyLm0uE4  
fYxlG09qa1ljcUG4EcEdKtXM27srski3BHlsOmffipPLblyCT70m09GU3LsN  
EMhYeWjFT7dK0RbNHYRyg5kBPJ5/OqUbWbG3ZFaaFI3TQ53KuenapoL5Xi/e  
qUJ9uKmqR2sFFtqzJpWyVbGex9KhJO4qyAYFQo+7oy043Laz5iwBg9iOtKkU  
s7eWXMuevPNKMdSm9Nhb3NrLsMjoRjlxQbwpt4DpjQOMVr7Rp2Rg4c2pLfc  
wyjlkAPvU+DgEcelVzXMZJp7DWwfiTOffrWD4myZ7YgdA2RS+HVILVmM33QQ  
On3jilXhSW7ckYrXVoiTs7Cj5UJ7dhSoRyp7H86pSa2ZWiRraXYw3OlyXsk  
21ln8nZ392qJkgt7mZdzNCpCpLjhvX8OaaXRkpt7EmnaRLqcjLAAhwXwey4y  
KwzLkcjnkUTSWg07jGAzg9+TUyOTisih6nAwT9PpWnZslzZNDcO25elVJ4J9  
TVXW4m+5XtINI7CjffzlvYfStPTj9p1CKlIIMm4/UdKyc0rmkUaPimET6PK+  
ctGcr+dQtrUA0zS/NcNc25EW0DGFpqe9UkpGM21Z2N1+JCM8A9aa8iRxySSt  
gKNzE0bFL3mjP8Kel5LDWLM4gOy/uAl4mKBh5Y5wc9OeaS7VI2dFGBznHY9a  
J66IKKjLQjtY+RIPTAPqDVvHJ4GOITC8UTWfNLQBHuJG7iIMQEfy5Yd+xFau  
9jLmWyK865gZVHzN0x3rFtrf7NLsYZKqSfrWfvN7m6SSud3ZxmCzij4+VRzT  
biNZ4WjBG4jAGelc8pdTaj5zc2r297LHJIWU8cYBz6VY0S4+x63FM74TaQ56  
1upe6jKstbnbfbrFyHW6ixn1zUFxY2E0xmWRYZB/y0RhWcrx1Ki00YmtqjGF  
Z9RN1Ghyl8Yx/wDWqx4Lid9Xu5gP3aoFB9ODxWkX7rbJqS5mkuh2Q/X2pGjV  
hygP4ViakLW0bdsH26moHt9gzxiqU+4uUYvykZPP86kBwSefatHYzdyXfngk  
k9zingqx56+wp7MSHA4lyMA9utPByRIsj0FLcLoIQkDORn3qzFgrkAAjpg0a  
XGSLIQtn6Yqq5O4k8H9RT0EZuvOqWauTgvx9a536+vWi3VEStbUzjOcjBPpT  
iWI5AA7+9XfuYy02BScZPAz69KQE4PPHvQ7BJ6JJFDUW3ssY5zxx2rrNGtDB  
arGEPa54/nU6mxvW64TsPbvU2OOpz+dS0WtBuGxjP50v3eGHBoVwYucDO4ce  
vNjlcRk9OPWmgvYrZAQcHFcv4puvNnh06M/fG5x/ShLsNWNvQLh9E8TWEkkk  
httpv3bqznaplGOPWvUMkSugcqh5HaqMlpkC46ZJ96UnB7A+54pGgnbj/wDX  
TGD7Dlue3FADIJZQS34ioZCiTqXVCjDBLtxQI+f7+FZrR85+Xpinac/n6fG5  
blTg80S30Lpbu5cjYyOdxz2zVqAYypGQemRWL0eh07ozPEcBe3baMEDcB6Vc  
0q5F1psMoHzbQG9AatWUdTnjq2kaC8qp544571DcJujOeuQelTbU1bvGxUT5  
icAEdqMAbf0rU4mKqnkAELWVq0f2a9tbwAAbtp+nek9L3HCS5lobkUTzt8p+  
X3rTt7dYVJQZJ6k1F00dMtNCRSTkAf4fhQucACq6mZNFgzMAFGD+IWAehUDH  
4Ec0NBdojZi5O41ESMkdR/OgV7CnLL3+hFMUHofzp7BuPVTxgcn0p2MdR+IA  
wx3pM7j7ikgGvyfekx0IOPwoDQMAAdOtMbkkt1HTApiMdiCTSoR1POfSqd8ul  
MgfdP400kaN7XLkOAVRjgEZUmnMu0fP19BWV9dDTmuUJk+cnAAzxiMIMDcO3  
vVXvoY2tqV2OZ128E+1PyN5I79qtuysT9q9x0TstypHzEelbYyTk4OecZpKx  
dR3Wgp24GO/oaCMkk9P0pmTuypqXEccgHCuPvVpBgScggVLeupcbco4DJHt7

06b/AFef0pgVc5HpRxnP4fWjVMLjTgORnl6cUhUbTjkUwli+B8xAA9Km0rTJ  
9UvNirtQHO4jhB3OfWlfQE9TZ1XVo9PtX0nQSBleJ7k8kfTHeuchjEagDIJO  
WY9SfWndR0Hq9RzcZ6UxuAcmh7iHQ4yR/wDXpxPAIJP1pIl9yKeeKIsZGwcc  
DrmqJ1aOMjfGwUng/wBKpai1SH/2pAevC+1RSXN3NqdvFp6NI7HKli53fhSa  
sON27mt4pln00KL2AWV+FBeONsmcEcEkcDHcVjoun3BtriXKy7SssL/d/wB4  
VTstCXLXQd4eghXW7yMOEjG3yWJA28c4pGZiJHIYEKxB9+f61nJNq6NYySlq  
a0Vpaabpy6jrR2gn93bg8tzx+FUJ9fuA+LK0to4h03LuNEbU9+oe9VdnsC+J  
bxDm40u0mQHk7eas23iPQbiVo9Q8OMpPUwSbSapuJLpyvaLFIT4cSAGaDWRr  
35IXB/LrVuz03whJb77DVNXWHOATCGANacqZm3OD1My9iS1ZzbSPdQ/wu0e1  
qju5LRYHuYmjEqF4iVzvXuahws7lwnfRsZ58bEYYZHQdya0rTTru5jF2l8W  
qN8zt0J9Kh6saavZm8+nHVLmFfs0NswT5lQbMjH3vrUB0W2MREbgnnggYq3Z  
6iV09DlvtCvS+6zdJVHWPGCfas5oWifbcRNE/Qhxis79UjdcplkQl5Ofp2q9  
awpuD9G7EdTUct3cOaWxFf7pZj5jFgT/ABcmSVjyXXjqRUUp2lcabRXePLbl  
4Ayce9TwXUsQ2hsoOx5NaBy3Row3EcwBQgN3yetZfiZD5FvIwAxB9QTTtdG  
FnexhK/l5B5J6g9M0x5SUyRyfy4rTzJta6EZ8EBRg4wPTFIZCWxb60X1uDSY  
+K6eB/3bYHp2p7XpdAknKqcr6Crk0Cdl0SR6jcQFm3IYoEznnHoKolQFwOA  
PepbuLYRjnnGDUZIUj6mkV0Ogg0sYUzxnKDMiuuCR7VWuIX0/UkYq6lW3Lv  
GOMcYrWSVtEZwlfSGTZNTInIGUU9vWtLRkK6075C7luM+prCyOhSuzT1Fo2  
0yZHPXGPc1xLKdhyDnOc4zqipg3e4pqyszp7bWsxXBgCxHz5PT3qnrOrrdW/  
2aNdgz85PQiqs2ZrQd4bBF4xEJkZByf7oxzWpON5ZSepycd6crExbV2ywuPL  
UKMY6mjPAB6D04pi57kij5MADmp48hWLADjAzx2p9NQtroVbJFV5byUBre2H  
Cnu1YEd0r3cMS/vJLogFh/DznisU25G6tGOp6BNtiwig4qAsMHaOfzrBtJs1  
WqMnV9MXUFZySs4GFbHH41jQ6Z5+oR2zWrWwWP8AeORnJp0qn2WOUBjvQ7u  
1nBT94gyNynqOxxTHgvn+VlpGweoQ10KopaGEIYIt/Dt/dqPNHkjPVj05rsd  
N0+DTrXyoumck461DldCjFaF0EHp+fajGRkZxWOpulx7Nx61VnIx3x3pNt7F  
LYroQx6fSps5HX8a6uWxz3H4BHc04Age1JiJF6YPAXryueh/IT0AITBHAWe/  
erEJOcEYNLqG5O7BI/4t36VU2lu/4npVCMHXpvMZY42yiD9cV5k5BOSeQMCrW  
pnPR6jQCHORxj/JpeCxBAYg4BPeh2uJO6sAUq2CeMDoaXcojbPNERPVbiirb  
mdaA3WsxoqnCvlpivQLdRnPOfTNZ62ua/aNBTuGDgN2Ap2FGMHn0HSgoME9  
v1pVVyvGCKYhAF0d3H1qO4PyhV25JxkUhrzIWznjtXM3UMd14t3RHJWMeYf9  
oDpQ9tBp6M09Vh8/T5DuAkjAdD6MMEV6Bod+NT0W0u2Pzsnz+ol9avoZaJo1  
yXCZiA3Y4zTI2uGPzxb69DSLJOSPunPcAZqu8iwjYGIbPY/pQDJlWDJkAA+  
3Gai1GFJ7UK5PBzwOKA6HhksW9cHFUdNR7bUp7WTOHAKXH8/pTlqFNWlCk0kT  
a+OMegq1yJOeefgKzm0jshG2zE1JBLbccbepRH8OSGIXNo4+ZGyvpipjrEx  
cbTOkhGUYNnpwaR0U5z1pPyLWqMpgVkJZCcYOfTNPRznkA+IdCbRySiiTKgZJ  
2rnvStpyX6BLgMlCg49e9S9b3FGJsJGsaAKMKBxSgk/eIl7VKVkbPXYcctwe  
KnjiDDnge3U0WutAZKzqi4QD8RioWJyc4JpJkt3GlGCD3NBjz0P1FN6iGjJ7  
cU7jPCgH2pjWpIFyucfnSEYgefYZpDE4PXlpy9fp70AriEL1AGTTTTHXP4DN  
Goho3E8Ee1Nfvg9OtBW5m3KIZsjuOcVQ1BI5EfJYccYOMe9Ne67opxvFFyGP  
zLdSVJ46ikyASjfeHHFZX7l8tmVrs5bPckdT1qCTcVBHHPFFbJES3lInyzJjg  
dCR1oYbn44waLEdNRoXZggfd6H1FbaEGNTggkUutwbvoSbQDzg59KaDtHcEO  
eonqirjQ/wBDck8Dnj1rQibMI9SBmi2o0tB3fnP1FPbLxAc49xinoBXPORnj  
1pCPIBzU37jsISS2Ccf1qORIQZ3AduaBehLo+ITazfqhPlwA/O5HCL61r6vq  
tvaQNpHh3clBkS3R4Ynvg96pbjkrLIOehRYE2pnuevP1oxnocDtxUpXdxO6Q  
jbuhx/iaY2Tu9/8APFO9hCwHBPpAwOITjGSGJxQK2tjMvtPkuZRJHlo4xj0+  
IU5dJuyACu4AcYP5002thrltqQx6fey3sVtHbl55G2og5Jru40i8C6Wy20a3  
3iSVMgNgiEHPJ/DtVR1dgm/dsjgL+fUjcfadSkeWeVy5Z+ct/ntUM10zW0iy  
IDKejL1AxT5ru7BU4WRmxzOJBvkbZ/Fn0qyk1w6syMwjQgjn6VOyCz2NG21

FTalb3zJo+cMwzye1U4ryNIARld5PLeoPak9dWONos1PD+lah4I1WaLTovNa  
1QO8TYiMMD059aW8sJLS5tbggocNIWHTBII9+QRVRjd2lqVfZ6ILXkjUW88f  
V1O70x7VoaLqclnpywRkKqksfxrblVtCE+bVI+PX5dhSUrftgHAqAXgVgAzN  
gHknO0HsB6VFtB2sNhuYRIDKqM3+73rQGrusQjR2SjkrnHlpSsSr7j7bXUm  
vGN1eYIXapLcgY6VqW1xDOF9HkV+eOck1jUepvTWmhZ3MpBXIPrTJZjlm2dl  
5l9JBk1Ck1sXZMzmbmz04AyCd7RgOnVTWfM89nAPNQM8h/dgcEgjINVGPMrom  
7T1K8l6m4pcl8Mi9VdcGo2MUwykgYdsGoV+pSlrYjeErztAxxTDExU4HoeOI  
EmUtRgjcYPQ4/KqetvJOqGR8gAYzVxbbsTKKtcxyHHLDOWzg/rTT05/I1q2Z  
LQa3QE9qbuwcKee31pXC1xApYY6fzp3lv0wTk+nSi4W7D1ikByFb8qXZIV5j  
OPpR5j5XsNWCRCycqw9TjrT5bcieLYjFfMHbNjB2DIPQrxLu+neS+nhZygUFF  
2jAHeuf8ZG422clzcCVgpiQD+EDmtZWasRTVm0ZmmRkrJlCtDJA+tXbaYWqzy  
sD8xA9xiuaclayN4RTZU1G8+0TbolwCOBn88VnndHHtOQA2WzVQso3JqdmOi  
ePY7sCTjGD0NXdM0/wC3SfMccqByx/oaq9nchJSVjqo4o7S3YqoUL1x1OaqxY  
ctMckOcLUX5mNwcEWCucjGR6UjD5gRmtNDKzF4XuQ3Wo7qZ/L2cl2OFJ9aV2  
aKxP4i8ux8KC3jblbwpA6k55z+dcn4ciabxJbADdsJbHtisoNJts2IHmgj0a  
Y5kYg5H1qEjHGcfQ8Vyz0bZrFaEeMsGB46kHrinRkkbiTg9M1KaVxsdwX7H0  
qZeF4znt7VcG2TJE6qeCCc05RkkNnFXsZ2uO2/T8aPpS5mWkhjE981RuGDMR  
68VUNZA9ljE3Y5HPp2qZRznGB09q6epzEi8jKk59qcOv92pKHjOMc04HBA4/  
KqDXYmTBXgHHpUq5BGAcf7Rqba3DvDLq4ZOAcgetVJJ5HAyxA9qG2FtDAnJa  
aVjnHGKp7f4s+/pWkZdzOdhxHJl5zz06Ui/LwQfw5p2djK6b0HKeQHGPWq92  
zRQtuBDEdMVKKtd3RY8l2pee4uG5BwFb1/8A1Gu0t0Jfoo9TTsWpXZe2gleA  
foM00Z28hcewxUmgAhsjoPyoAweTk/7PSkleGGcEAe56VEQGmAyCB2zjNAEE  
uVDEccccYrntDiKvdSyH595UHHXBNMOhccrIrruduCCSvT6Vv+CrkQ3Fxpvo  
0/vlgTgc9avciSOze5W1s2nkkysYznqK5+LxsCWFxp8uzPDRkHlqW0tyrN7F  
uDxZpDHD+ZCD2K8fjzV+LVtGnGRdRfRmAouhFxJbeTmK4hx6Bh/kUTxNLbyK  
HLAjrCgZ4aRkYXoP88Vn34+z3FrctkbHKuf9k8U5bExfvo2JoNspAGR1B9R  
S7S2GA5lrCaujtjKwu0yQuh6mucjzaelIXY4WXKHPY4pw7Gc01K51cC7X2nl  
c4GeMURkVJ/pRJXHF9jOvkxJkYww6+h96YE4xgkt3FaxvY5ajuy/bWIIWSfn  
A+VB29zV09yw/LtSepolbYOSc5GOW6U5QCg4PPQelRsN6lmKHOC+OelEjfkK  
vUdxVitYjDccdaRmJlpWExueuOPcim8nvgVQtx4AJ71LswuTj88fjS1LEJ6Z  
J/Gj8KIXsID04yfak6D5s80Kww6jbSZ75/Cna5Oo3GD756UjEYOeKBIK8UIA  
VHIGOVWqc0ZeCTbjO3ipv71ir2joT2civCpi5A6gdCaW4iBAdbH3oloUm3q  
UpiJEwRz/WofuK2RnjoKqLutRN6kLIWHynHuelKeoA+tUJ3YAHBzjnsa07U7  
rYZyOpz3qdiW7qxKQMUdgc1d9DOyTlBlN1rImPvKRxU1i5ezibj7vNErM0Wz  
LAYHIBA9alLfu8dR7daVklqsuM/pTMkHFCS2Y9RsjKiM78BRmmWlpcalOrLH  
J9IT5pHUZ2j1NHkOKXU3tR1e0TTvsGhbo7McSz4wznuKwcAYC4AFLQLiYGT3  
5oVcknJ6Uru9gAxc9CfaosksM8AZOBTdhBBzK2fT8qnxmhCYoXBOefTioyJZ  
547a1haa5k4jjXuf8KPQW5uebB4Yje3t8XHiJ0xLcH5ktQew/wBqsNS7O8jy  
NLLJy8jnJY+tV0sRfW5g+JZ2BW3bj7zHHlrMjeMaa0kgldCfmHfPQVUY31H  
KfLHQm0jShd65ZQTk7H+aXapYqMZHSt3Tbi2F9ep9kFxDG5RWU7dppWRTvYa  
9is1q8EyosTNkKnYZ4/GsiXT4k1FLZXJDdc9R3qd9iLtbixFpcaZLI1tNlqS  
HJaJijEehIOcVpRTJqSxeW5RoFCrEOoHoa0hbmHUXNHQyNbbzr/ylidsS7SO  
2T1NNUIUAA6nOfX0rRzT0M+RpEyRXDR5CEDOScdfSn+RcK2WRgWHBPcVle2h  
a5mOjt52kO2Mtt5xiqvmYXlyqBdkKH5jngn0o36goNbEyxEyP5MZYdGYCtKz  
gMlgJZoJ0clSDgkZ6VM0jSnJ3N7RdSbULdxONsyHHTqM9ak1O7S1tmkf6Dn  
3x/WuV3T1N3HUZf6Jruia1Z3U0Ss0bF4gWDo5xyMD+tYUI7Pq3i2O4vAqss5  
eaKNcKmFxiHat4t2sZSSfvJnX6nZW2sReYmA3O1IA3CuFI01oNSME5a154Yf  
dJ9fpVOKepMG4osHTbhf9XeEjrr0NN+w3ykkSRlf1qOV3L57XRPHZ3hOJpFC



enpXM3U8j3jLlzMqNzVRTTI5n0JrBbZ7jbckhenWr91ploADHLvLfpWs2t2S  
rydkUzYQhgzkLxUi21uhGlgccjmuRz1OqEEieP7OqjdGoAPXHerUTIUwY1  
+tUpN3FKFtiOeNypaJVIPWq6lZ8Yxkd+cGp9puVyl6w0i4vCWj5jQZf2FOe8  
gtl8uClcgZZhn8qmTfRihC+pSN2zybCWH0NNZ1cDzvmx0yegocpWKSvWkWOI  
olh8r5YH3xQkQNsiTAtHLzuPt704rRc5HXRhPpkWwOrkY7k9Kpi2EN5HKyrM  
FkDmKQcP7GtINJ2aMp3Ze1hV1HVnngsoLGDbt8ml/KD6itO2g8i2jjRhtUYz  
7VWknoQrxSZJIGkQo33T1x3qJ7pYbwIU37Pn25wCBUX916IVHzrQteakzCRU  
MYflU7rntmjADDgkH161d7kIYR8hOc8daXRbYX00t1OC1uh2wg9D/tVFSWIk  
UkrjfGcCyWNulwqSGQjIHWsXwvbyw6v54TOxSpUH/PpUU9Lm1TZI6Z9XthbN  
cNIFJxgjoc81WTVHnzJZxNcQj75Uc/hS9jdNISlypF+K4iniV4GBU9R6U/OM  
c8noM1g7WNCwMKnPX2FCjOOIO62JZYRxnUigYz1FVe7JsO5I56UYIOccH  
sOtJ7j6EUxCxnjB7dqzmO445Pv3q6a6omb0sOXORkgD1qVeTzwetdBgO3beD  
0p6475P4U0K5ICcgk/408e2R60muxVyRWOOfQfyqVD6/nT2Dco3L5klBBPbnr  
VW4IMUTFgc0gMVm3txxxmplLV2IcHg9SauN1uZScbaE32RGOCQfp61HLbFOe  
ij0qmZ210IMAMdz0l/8Ar1I6jL+8Slk4J6jrWbVzWJ1+gWgttKhGCWx83Fb1  
tHIMcgetVdglZE+Ap6fhzQoyPI/Dio6mt9AHLw67h32jNBAVhtOPpTJsO6DO  
MA+orG1eO4niX7E4WRXB39uD0pDWm5oL+9jG4deCB0zWLZAI1xFgZhfz3B5  
p9TNbBMgaREiPLnnPNaUhFjc2d3F8rQv82O4PFUDd9Dc8U3pdI7O1bcr/PIU  
Ocg9q5w8cdMccVjUfRG0PhGkjuMCMpGjH7gB9cYzWbKEWLYd0bOp9Qxro/B9  
rdz3xuZbu4W2jONrOfnPP71UG2zOascGdogilU7kkGQR0FvtQt1urB1JPz5x  
z6d62Sa1M3pKxc06f7dpdtMpGQm0/XuKlwGXaeerQ0jo1TFXhgFGTWTTrFh5  
qeZG2Hibep9TUJ2eg5vRM2YpPOhinGMugY9uakzuGRnPfFMIX6FaeNpMKi7m  
HarNrZCL5mlZuxxwKaemhEtXcsMoHU9D0o6jDDJ9R1pgOVCWzj/P0q2sYjAM  
gweuO1GgEclwQvGP1pjEdQQf50C6kRODjFLgYPJ56mgAPA5FKFBzSHexoB  
AOef5UrEY4yD/KgbYwEnr+o4p2fT8h2piDPrjH60DjGBmjYAIGSTn8aax5Az  
kUMNxDyTmmtzjnoO9IOpXnXKnBB461WEZ2Alf++qLa3L6WESF4DtTaFZskGn  
SStsw8bEDqy05RuQp2WpXlJDL8h+YdB3NQpGXXI4HvxQttQ5o3K8iddpAwcc  
U04wADz2p6WHqGck4HPpWhYMPI5PQ96llctizwMenek6k4Jyfeqt3M7roJtL  
LtBznio9LJ+yhW+8pYH35oKRcz68j6VloDJU9AIGG45Dd+llwUJ8x2j1NC00  
GxNI0u78Qaj5MWY7eLmWU8BR1zWtrGswQ2h0Pw2wW0T5Z7rOTIfQGnFatjnp  
7qMGONIk2IPIznHvmlbg4zyO1CdybXVxvGOSaVfmGAaT3uA4jl+Y4APX2qu3  
3sDnNO4raiWAGTbjJAz+FWGJUMVGf5kUJO+omrLUj3TS3EdrZwvPdyCRxKDz  
9fQVvThPCds1nZypcelrlcXFwOVtlOcAe9XFakydomCF25JZmcnLuTksfU0f  
xZ44NS9dw0Rmahplu7xJjJhWwGHYCsS8j+yNLASj5DyCOv1qJIK0ti34T1T  
UtL137RpJD3Lp5aq8e/I9MZq34deWS31C6ueZri6Z3yuPmyc8duc07NJ2Elr  
zM0ztIJC4XrzWtpym4vJruTDHGFHtWeodS9cf6hgUDkg4B71mrb/AGS4t1IK  
SuCzlf5UuXXQpXStN02W4vPMLcRvKxALnBq/ZWm9WCxjKsVzjgYrSS5epEb  
vdG3b6NI0I82TC8dqtNptphRNdOdg+UYB2//AFqW7uy3a1kUbyC1iJi0+R5r  
nHUHAX3JrAWG3TRUISXdKzneoGMc0OStoVTpyk9R+hXjWUjPKgnjJKsh4Y+h  
FV59UdrkeVtRJDhh6AUrOWwrrpTszWgniTU7WS3I2ENGVl+9kd6TXpPtNp5a5  
688dOmKwcWnZmqkX9I1290u/j1C8vJ7uSBClopZS6opABwCeOgrN0yRrnWtR  
vrlI+1XspmKLxgEntWsnyq3cyg+Z3sb9hOYrIY84VuPb607xHp4u7FpFX94m  
NpA96mLvHXoOStlwdMEjWQ3YLBj7nrVsDK4H0960T0MpaMcD8wx68Zrjddtz  
banlUGEfkVOq3HF32M2RmVCMnJHp0rXsb2KaJVc7Xxg+9XLVGkHZIlgQE2HB  
GfXt60eW+M9RXE3bVo6o36DvKJ5bt2pTHljYcG5xxnpVKdlZhKLbLURYZXGF  
+nNTFQBwARjr0pN3RK90WKSSHJjdkB9Diqk8akbiQTmmodSkyosAwDnkHjJq  
YW+5COMVT00ZKalpyU8w44RQPXqaaZ4rJLUDKEdff+gqpRvsRGz3LluyW9r/  
AKsyShcZbkfhVMqRIXdAWY8moUmgUbq45Cm7a3duM84/+tSiQ7fMib5PTTrWn

PZXZSTeg9L1j977vtUc486YygbWlxx0xTUzJ09GaoBQDPYDBzQckcnvV2Rz6  
rRkcu+UJbxcNMdufQetdBb26WlRhbXj5EG0dq56mmhtTV9TD8TuDdadEDjaZ  
JCD7CuUGoT2V0ssBAbB4PI/GroxVtTWor2sXokjmVtRiXCpl5oJOPm9ce1b  
+nX0cmnQMbqK0Mw3LFAAXx3roslojmd5O5ix6kbN7mOOTDRSfJuX5nHvXSWN  
wt3ax3C5AcZGa5q8OqN6U31LWeVwOalVsAc5rC93Y2HAhX1qeNSU+8eDmqS  
SEyTjaBjnv8A/WpDgegPrjmh7Eq5Uu3wpBOMe9U1HQZ961pmdQmBweRk9afx  
1UVqZXHjOMnkGnd8VKfUdiReTyOnengY749eapsCRO3epCQlyT196GHUy3O9  
z1J/pVLUWwoQcgjmheZTRRgTJAPJHWr4OML6cCtIsctBG6ZU+9GS42FvIPb  
r+FGy1BNPUq3kBiTzSeDnrWPaRPd6xFHnKg7un86yb1sara56BblgwFBA6Db  
0xWkEjVFA4K9s0dRoUgH7pIPr0pdpJ7H8aT0LEYgMA2QPagBiMrnb79KFsA2  
UgRMM9R0xzUSDKbeMn1609hPurRAwXDKThX6c9/WqV7G0WrxTjCTLsJ6cim9  
NRLsWLRGa5dmBAQYA9aj1Es5WEYw55I9KOGLexJgwsjJ4A/OpY3ZuGYY965  
tWaqyQ/apPMasPzpjAQB5ZX8aGA0QQOwUzOoJ5IHNdjb39rYQQ28VIO0a/d  
ckdTzn6VpTSvoZz5qUUhTygmlv4R6UMsCjG3n0B7VsTfUlo1iXCIsadQFFP  
RcNnnn2qNbm0e410OTkH6in4BQAxhsdxxSilccvhGtgLgl4x0AHy0lfkYKRu  
9OgqnG+pnGVtGT2UkT2yE8ORyxHU1ZKsf8aErA9w28kgD8RTghY4A4+IAyDQ  
sa5Y4+nrUDu0mctwP1oJITLGmd0irx3IFyp13/Tioj/0VTtL98npTtoK+tjX  
Dh1DxvuQ8A+tOXAUZpWGPA4xkj6UYx3H4UhkgBxmjl655oulQ9MdfTmkz2H8  
qB7oUYxgAinKB2p6jWw0kk85+oppw3oaW5OoHFMJz3J9KNRkUo+UgDPr3xVJ  
50j48xc+/Siw07A08YAaeRyT/dHFRm5gTIDIAeOv86rYhtsa1yjlfvEg9xSe  
ehbb3PUsOIMckk7liul8uclwGO5FV1j3DbxgDIPb6UkTfTUb8uTx0HO5VYs  
5gsjGRTjHJHalJ9i43ktQBjVWB+Vuh7GIHUYA5PWqle9hRkMMVBpwA85ck/  
Oce3/wBak+6KjuXhwexH0pyc8gc9wKXQLEMjBGLEjApumWVx4gv/ACbNf3IA  
LSv91B/eJ/pSjsUkupoazqtVDbtoHh393bqc3N0vVz6ZrISJI1Eca8Dt61bu  
lZhvqGevb8KbgFRgc9eelSjvQTdgm3XuB0pMfN1ovcNhGc92x61Ex5AHeKr  
sdX0bqufMOB61Y1LON362d3sSV0DqyuCNp6ZPrVWuQ9zb+12XhW0e30WeLUt  
fuV/fXnDJA/ANbPA79T6VhluC7M7ySyMTJK5y7n1J71d0o2le9xRkZzRyCb  
sZ+ISVYa2MYPPtXOeIFzfbSjELjCt6+v5ULyF9pDNHzi1UXccmZIX93js3Y1  
p6K7LojXM7h5JZXIkOP4txzTbYp2L9/a3UPhwXbQSBHIDy4yq5PA+vNVNL2  
DTsqQcu3481ElshXNC1to7iRxPMYcLkHGRirng8aQ0t/r2p3kP2fTsrDA5H7  
wgH5ueuT0ppqOg3fUw9MaPWF1HWr2ILcXU4aNFHyRjkDir+low2xQsocH+Pnn  
rTmtQj2NG6ubplwEjOOwQ4yKyHka6k8q2Yqh+9IR/Ks5N7GkbLVGFfalP5  
ht7YNbwlep5Z/es83knIFFJECuWC+/qaUdN2aN2Vks205jcuZNj+XIT1GfSk  
jCpEBMQob5s+5/rXTCMXHRnLOUuZXJ9FMjXepaNmUABN2Rjmt+xuLYymG8R2  
kzhY1Gc1ja5o+a9jN8iSe4cKdwxGCccehrSsrGO1IM5O6UjGfT2qJSVrFRTs  
W03y3CxxNtdjwam8rWoBINQuUkt3BHPRGLs2hya2Zyms3s1nqCJaSIVx8y9  
jkUtt4hlwLmMk9ytaboylHuakWpWk6kpKBjru4rpd3hy11OI6jq9uWhl224  
PBlyxacWnoZ2cdUVNV+G1vIGfSrl1br5UnIP6VxWpeFtQ012+0W8i4PBVSR/  
KjINoyT3Cz0rV948ISygfXjFaSw3aREyW7MAeSikjNRUpORcZqOlyAyxFsYZ  
G9GXBpylfNQ/eG75gD1Fc8otG8ZXZoz3Gk/ZQInDPvPIZzwP8apbwFx1z69a  
uSsiUm9GJ52CN3TuRTWkRII5J5Pb2qlopR6oiZOSVkJ+ggYFVh+Q8k5HHX3  
q3bmViXoroo3BLYloOd8g/Gr8kQJpVWthRbbvYEyExngUuF3YzjHOe59qrbR  
DvcV41c5x78cVXIABxjr6dKjkbY1PlItN7zjIX36mrSRkAscNx0zzVc2qF6l  
6Ld5Sq3bpTsfOOec/IW6fc5J67FvQlfOeS9YfKGKxAjjithiG+vrXJUetze  
knazOT8TSH+0wVb5o4iv1JA/wqjZ6B/alpFOkvIM7YO4cfWri2ooc/isZ+s6  
XdaDqItZ/IZhuUqcq4+tRXt0J54pBALusa4xFwzroUve1M5Jx1HwQtLK+Im  
nkl6Y/nXb2kLWunwQH70Y5H1rnryTVkaQi1ZlMNCMMevenlircHntxXMrLU1  
33JI1BPHNTqSDxk1om3uToSKe5GKZICAckn8KHbqLdmXPJvc+3amoBkA4ORX

TTVIYxm7y1Jox8vJ57c1JkKAAOM1TJsOX1P6CnjYHSGY8DHPT61lVl9BQA8  
cnj9RRcsFixwc+tDEjM3Ajj8/Ws69ctMB6deKNQbsrjLNgZj8p6dccVbzuz6  
5rVlx5ubcUjnIxQvGGBxSaYaFfVpAumSZzjPjQDwfCrxzTPIml/KQKnZlt  
Xijs7NAvPqehGautkgAJx9KTZaE2hhwSD3BHSkIIGM5NIYcngsPwFA46rt9+  
1GwiK55IUEZPdads4xjBpiZG8YfqpBHcVS1aB5NOJXlojuBzz1p9BddA+1Km  
IG96l+nrmoots85IXOWDAH86mT0sUtNSUjrnv604AjjPHtXPezNQ5Xv+NNz8  
2T39qbfURe0hljeK1xuEa8tsGea6lmyuQdl0oB/hcYralsY1NWeei3JAMkrP  
6DHFSJCin5VH4jmtB2sOKqeCB+BprRBTuVwPTnOaNSk7AytyCyDj1GaAUQZ8  
2Pj0NTy9RuStYY08CnmZMd8NTJLq0GfMIX6elWZIW2mUyP8AZmDjnP0q4tyR  
yGZWHcc1L3KV7FmG5Z3Akxj1wc1eaRYU+Ukk+1SMqSOXYk8+uelVrq8itITJ  
M3+6PWm9SXockZZdRvQ8p4ZvkQdMe9abRxyaebJVHk795JHJPv8A4VtGOhEn  
0bG2VzNp8jK43wE8Z5xXQowljV423KehNZSXKzRaq5KBknPAHf0pCDwD09qQ  
xwOB0+tLkAnA60vQQmMHkc/nSZ54x+NAJi7cjj9aVcYxmmMQjFJz24NLYQ32  
wfWmlh24/rRbW4xjAYPTmsS/UxTuTgJx9M1QWKqy7IKE4Gcj0zRnJ64HvQ2V  
ZWHO4X5Se/NI8gBOOFBzzSWqsTLUcJN0W12bAyc5qWCTypAAASfyqmuw4pWs  
VT1ZgDk9APWrOmKc4K5+8ORU3uQtC+Y0AwuRRuZQSCcdgafoQnqKr46g5plt  
xdy4HBwQO9D0NI7I4HA/zmlVgqksWGOppHFRp0HsV9P0+58Q6gtvaLttxhnk  
lwFHYn29q0de1e2tLU+HPDLgRc/a7wdWPoCP8/1uO92VNqMVExoo0ijVlWAM  
U84GQDjPvUti2GMcEY9cfSk3YHBz9KonTcZ6nHPTFBOVJBwO1DQ1ZjCQfofW  
kRQ7kEn/AHqWqAomK91HVltLcGSeRARBUGf/ANvdPpU2k6poR8OvbWJrJLpL  
eXEOWifOc5wTnsDkDijfVFS5beZn3Nws32ft4dJtbKeyINzexYL3JAIC5A5H  
OcknkDGKGPzZHQ+IXdWRhIRQNuDkelG3C4AyR3NsonhpAzg9T0rK8TRk2EBU  
HKycntRdIFqxnHXRT4n8QiwW4+yjYwaULulwuRgfWrd9pk+i3ureH2m+0PbY  
aOULs8wOu/kZ681yvF2qcjWI0vwudEqaSv1tcWwmnBs7G6upv7OIBMkTHjeB  
wcd6NJsxBfSR30n2WzmkYW0zj5CeU3PrXZa5jzamhqZsLLR7maW8JuQpWKJD  
w3uT6Vw97HttbVJXBeV+FXt6nFNJLclt3NB3ksNQjiiik8yARh2RT8oNaX2to  
ZEvLb5ohzloHPAq5RaHFpS2NuWdNdtz9mZloll3ySscZ/wBkf1rFGp2zXC21  
u3lQnhpIXOz3A71i1fU0j1XUpTaM15epOjNEsanL7uZPQj0qY20E2nfZEjKy  
AEg45Jznms5WUrl3pRvDXc5uVGRjGwKkNwDxUuAGUs2VLZx6V0rbU4tVO6R2  
GIRJbxyyPbkl4LK6li4A6YHY+tW7zbcak2p2cKRGXhAowi+9Q0nY0nJuV2V  
LO0lunuY4G8wwndJlerMakVpFZEcgU/AyO/ofespxuXGTW5u6fYfZt0kx/ee  
pl+X6VT1e9ik+QNiFGx1zuPpVv3Y2M7uUrnnusLlmsTx3CIGjHAPGQRwaqLy  
CR1wOfSjWKBpM2vCeiSelfEEdoq/6JGRJcNjjAwQPqcfIXuhMSIkMAAhjG1E  
AwAPpWiVkJzvwzjPynj17Uy6mtLO336lcwxxEceZjn6CjYdrnKaj4k8Mnzre  
yndZ+FV9o2kk9a1rWxxYRmwulbuEKMMNgTn3FCdwasYviAw7PssttEbmTr8g  
yKrW3huwa2Xz0dZcZJRsyHpU2UpalXcY6Mr6j4ct7a1kmgUXXaMDcOtULTw9  
e3dqJ454Np6KwOTUommzT2r5bsc2gX8KZnt1cY+/G3FZF20VrKq3cU8eT1UV  
DpNGkarloi3p8NhqW9ba6IM3mBI4ljyzsR0pl/ZyWAK3KyxSjncJEKkH3qVG  
SegpTXUyYGAulfM4AycnoO9TTX9tlQJsjGc461c48w6chEvomG1XBPXgc006  
hCWGD8wJ4/nSUbLzKbQj36c4DAfypjXxkUZTBjzyelU6U+Uj2kblmxilvYWm  
WRUWPIPC59qXSC01xESxKhWJ96UVZ6oiVTsbBBz82OeaHUEMBznoKtvQy8iX  
wtqUCWa6ddECalfmO0cnOa6U2gkxskAz0J5H51ySXU6ltHn/iTedQvgNrMJ  
I4+DkZA7V02mxmDTouUK4bbk5qnJOKXUb1mV9a0hNVQfMUIQYRjyQPSqH/CP+  
Tp6oVWa4BzuYcHnkUe0IHQc1zbmraW6I2xYViYAEjHUdjVkokjrWU4u+pUGB  
JUc5+tMycccnNTuWWInwQqgk+wqwpOOPX0q0m9TPyJRkAnANV7uXCy4A9ugg  
0ruwbGW3zPkn3p69fmUjPrXTfQw3dyVeKfnp/l9qNGSx4Bz6/1p69MBQO3F  
LYa2JFG3FSqMijcB6r85PI5/Cq18+SE7fnmnvsHUpNhVz0/pWRlweRiSM+n9  
aFcUloPicCcYYe9XFABOOH71qrWMOXUX1Apyr5nCNmlqO5h+JLIX2WsJLJOJ



HUk10mgWhtdOijPDEfMfWk9DZ2SSOkG+VOgNSEFjkHnsM1Axu0njoc9qQtzz  
j60DuOCjGTkE+ILtycAEemetKwrkMIR7va2cqO1W2jz0wfrQlrvG2Djg/IUD  
x+YjJxhhjpTBHL5kCmyPAWQ8dxW9bwiO3QHRWUm09TVpD2AHbj1poA9OKjQb  
EZTjg/nU2n2D30rBTtRfvMQcCpm7AjZNRy2YEcLyGQ8sxOaayrxtZGPucGkq  
vLoU6N1c80OoznnfSreySnDTMmOM5rtV2c+1rD5xOLcOvmk55b+H2rOa6l+6  
0rE+g7VSWmpKd5WGmV+NzNnPr/Wo2mb5lLjOcfKcVF7DcSvlwxDMeeB3H/66  
ly+fmJx2qr3WiDILWkymK/2ljiXg+2BXQbVY/wCFJ6DRIDyOf1q8rb7fOTke  
tSMiz8uBx7Yrm/E0U8ksbfMYIOeB3xR6C3epgo8iPmNsFTgZ6Vr2V78ojm4f  
GNw9a0hP3fe3HKCvoaY2yoAQCKKZbySafLhcvAeo64+IOSbiRGaTszcidJwH  
iJKnPUGxnoSKy1ZoOONvP8qUAgcUgsIQTwePUUKq89M+tAhMEcc+9KARn+tM  
YnXnlx3J60vBPUZH60nvcCJuhwMn9KAPIJGOvWnd2DcYQCCMZqpPHG7Hegb  
HQmhCehG0MJTHlqM88DmsydNhwBx2q7dSVpoMQKrBpOCeMAcU5lUtslJJ7ik  
9CKiJRtLHOcnpTiTnAOR7iq6hbS4ihtrY9M8VJbHbco4PWsm1eyHa5rFsgc8  
HpTCMkEEg1otDGyFbk9SDUa/LeKTxvXHWI6lxbuXOAMnoB1pljZ3Wu3q2lkr  
qhPzPjgD1JrN+69DZJPVmlrWsQ6dbN4d8OELxtu7sYLMT1Al/wA/1xllEt4w  
i9xknOSfxqnpGxD1dxTw3vjfLjB+9Q9dQ0GnG30Pp6033H5elO9gVhp+UDr  
jvzTeeh6dqTYLcaAVOeMHmmQx3V/ew2GmxmS4kbGQM7R6mlJ6aDjozo7/UI/  
B+jXOnaGBNrLJi6vTghCeij3/l+WMPwLdRW82o6hf6y2msypE0vlh2nbnlwQ  
fatUko2M97yG207SoHgiMKHK7X+8fc1MihEAJ4Hc1mtrB1sBJPAI196BksST  
zVeQtBTkNgce59axPE7lIYohlctnPqKaaQct2ReEtVutM8T2s2nPHHJJUr/  
MQurcdwCD2HetO31S517VNU1S/2fajlsLCJSFAQEDAJp86xeHjKTqPun89i7  
ytZjoirXcc5G7yj8n1rol9Q017PyL+JGjQ5iiPjkc+1b3uTayOGuoJL27v3A  
+z2KzpE7hCyQg9ST7VQ8VS2LanDBpiEC2j2ST7jiZ/7wqnpdMW9ivbzeWp+b  
l/kzVuyuZbYbRjZj7vr7GIN8y3HF6llru8t2SAeXE/HtXS6VBo/kR2qg296  
qjc0mPm/Gs1c0vYtT20kA/eJ8vZscGq5QOe31FRazuyue5Ru9LhuW3TR/OO/  
Q1IT6V9jul50VpwDgQY6kniqU21YzaOr1zRtT8lQx660qGO4RYZo9u7ywe3P  
c5/Ssa2vLTTJb1dSW6Rhg20QXgqf4jWs0lG5ClzGlpLCyjV4mOJPmc/3quap  
ZmSEXdsBvXkjsf8A69ZJ3Le5RvdUIFgu6YeQEOGA/Q1zsN/Ne3sMMamYbstg  
cKPWqWsh6JGTq9y9zrE0zPvlbarHqQOKqoHldlok3zSOEVR3JNFrvQhaHuXg  
zQY/Dnh+OBhuu5wHmcDJJrZ74zj+ZrR7klp6tf8A9mWPm+WHldgsS9N7HgCq  
DWNlpenTX2vyLd6g6E4l+ZY2P8Kg9MUug9rHm0WrWazR3BskdEB/dkYyc9a6  
OW6tNOTv1/w/cPayKB51gzcNnjKj0/WovdXLdoysa/hq0Op412/zKs4zEG6V  
uva27fwbfwKtbESd2YPiuNbbTY1R+XccHp1qaxTy7KGNRjavektWN/AQ3mt  
abp7bLq6VW7qCCRVDzouu2x8m5idu2SB/k07is1qclhj0vxFJb6fdurblkil  
Q/OkgPQe2Ks319qOpi5XVZJLIXC7XBy3vj6U2nyajVua4zTIRJfsHAXHH8w  
bjn3q79htgcpAM59KyjorjmrVrRIGO3jOpylVVVXB6fpWLexmHVrmPH8WcDoB  
gcVKd5o6GrUeVjghAODkUgGFJ9D1zXS5LZHKotl0dGmMQuwucPGO3UjvVrRU  
KSEn7uwAfXvS5k3cnVaGsT03EntmhRhwcc56d6wditdjMslo5TdmUB8Sfr7G  
p11GTSr63ZJZWtVBaSLdnj0GaiUbouL1aK0CR6rq9ogfbHdTmYMeoAGRn8hX  
ossL7yMRTTr2Kd6iceXRIRet0VZlrVx86ywn9BUbWDOP3M8Ui+hO01ny3Whqp  
PqUJrZ7TVli8ckYnU8jOOPSpyAeVNZyi3uWnqNdc9cY70gQAgjmqSG2SoNp4  
yGqwihR7042JdtxSQDndWVeylnWoeecVpHcl6ohXnHvUq9T83Hb1re5iSq2R  
g8+55xT+rHn9KnVMB3GOTxT+1P1AkBGMZPFTKoi+Xj68UMRlpwCWANZ1wd8r  
c4wetK7uMpXjIYiQeegPasoLnHXGO/Wru0TMXO1gwPU4HrUy3O3APQdx2pq+  
5KfQnN4gHMf5VFcXr7GMeMY7Cqb0EoxRhWUYvNdhRiSA28YOM4Fei2KjPJ4H  
tms76F6NmqmMn5eO5x1+iOwh6Hr2xzSvYoQoPXB7DvTNmG9/amA7BLAHb0zR  
IEUH5wMUMCOyBZndTuGevarwyOT17+lll3uLgEAt+XcVDLbBzlOD39PxnAGH  
daZLFqJuChaJgASgzgirPmIS2cqP9rgVnUvuaqSYKUb7pJHpSFQRxk/SsdWy

1YQIWcloyzHArqbS0jt7QJGVfH3iOSf/AK1LeQWsVnity/B2n6U2S1WRColQ  
j1JwfpWbjdnRGTR5AJFJwDz3PPFTwKAFmuFLw54I716iSS1PNndaofa393HO  
7x5IY5COOBx/VedDlJXIQFS4XavXcfb60dBOKTvcX7JOTuUJ/GkOm3Mn8GT27  
VNr7IXW6HRaRqW4/uBt9ScU6XTLm3kAnCKOxzkUXdx7IryQTWi/aAwJQ5lxy  
R/8Aqro4HV4kcEkMMgg5H1pSXcrmTWhJjnOM1atGyCp6VK2sgJWA3cDAqOSM  
OpVIBU+tC0AwR0JGbzLXKtnJXrmsOaF4JB5gKYJBjGM5pN21KppuVmWLa5k  
hbYPu471q21yswUj17itoPm1InTeyLu828okxiPo8R5z/8AWrUQrLGrrwG9  
TUyaTGloKOVX/wCtS5yfU1lailue/vTTz0Pvx1oACAB1NGSwGeBQwA9cUHHR  
kimtUA0r19fr2puBxSGRsAc4zj1HFQNwQOB9aaJY1sYqjc4LKuOT1INN6mcW  
rIST/XY7nv7UkGJZSCc5/Sov71zVPSxPcwR+SJYGG0jr3B9arpgMMng9c1o3  
fYIjvcGyM8/mOfpSKSJQ3Xnj3qVYGjXYk45yD3FG5cHPJNBFkN5lx1pjOFnj  
OM8459Ke4lpZlqzsrWrxbaz5Q8bh0+prS13WbfQreTQfDLB7hh/pNx3/wB0  
EdqUUnl3btCyMKzxsaxsTkuxy2eTn1qc8nGP8/WILV9Bp5wetJzxcgAUBvoJ  
k5P9e1RZ56VRNugE4X5gMehpucfeoQ9BkUdzqN7HY6ZGZZ5Mj5RwPqa6iU2v  
hWyl0rR5Vm1aUbb9/55j+6D/e/lJRi3K4TIZJdznbxY4rCUSNhXGNxPJPq  
TWLbWkyQAeWWiJ+aRQdq+h/+vV7vQhOx1K6ZqLaa+oG3T7EgyZVKA49cdarr  
yOcUrO1xXQbFzyOnWgJHDfgRU6XHe2gnOCWx1/KsDxOuY7cKfmyTyeoxTT1F  
1MbSjfs+uWdw/CJMA/0wea1dAcl9USMDa9yWGTg4p7x3LWr1NVnWKNnbgCse  
W7kjnS+mGEib5Q3enFdWTKWIkXJvFN3deHh4d0y3ihtbtme6cJliS244Oe+K  
xLawjLXL3gZAHAQfxY9QKUvedxcttB0ksaxMIYQkSnhiM5PsarxuC8zE7di5  
Zh3Joa2SCCSbL9lc3unTLBtJVAGMUg52nvW3Y3llqt5FaXH7IJeDlwxs6c5p  
RtexTep1d5ZXulWR+xWs15Ekij7QWV4GQ+hzuz74x2zUWm2aa7ctb6eY7W9U  
Fmjnyox7YBz+FDSmrlI33I9X0nUNEb/iZxR+U/CXELFo29jkAhv61V8Mar  
pEfiD7RrldlbfAg3Lld/94/QVnFWkaNOUbj/AB7rD+JtTht7CZJNjTduBzxN  
Lj7xHcDPHvmqUoa5cPesJZdoXLDPhVTbashqEVFPqSwwlwqRldoGMY4q9NA  
9vAWW6O3HKE5BNRGLvqJtLQoWFhpE4uv7evGtrCFDjHdy7enSul8Na7f6Hd3  
N5p5RXnjMREihhsOe3r0rZe7qjJxvdMz0UloAOSOdxxrvhd4e8+d9dvYz5MX  
y2yuOrEfe/8Ar0UVZNtim7KyPTnZnYszZJ6kUwE9wMe1XYk5bxxfyWDaZPbr  
lopd53Djp1/CuN8SeJX1OM2/lkea+HkZvm69vSp30NVGy5ihMbVVtoLmlie2  
BEhU/ez0o02Q3uoC3dwqH7nOP1p2RCf2kehfDgTr4RKTlHsmZVRv4eSK6YKe  
hPX17VT30J1OV8SP9t1i3gjOUj4P1rn/ABr4ge3n/srTpMSAfvXXkj0H1rNb  
2NG9EcTMTG535LdWOealsrhLeZZnU4A4K9TntVNcrsxSvJHSyw6e1IY3sMtm  
ty/7xmwfMjYdN1R3FzMdROpX0pe76717jHBobvsKCKtWhNHLS/a7puTcSZLH  
ua0AQ5A4Az1BrKKCUknoZdnlr30isQArFW9/Ss3Vo2Os3E2MxtwPfA7+9OD9  
6zOq6dNMrchDk/McdKhU4BHUKn8q2dtUcrbLVisjTNGM4ZMMe30rdtEWzTE7  
FfNxtJHX2FYOpG9hqm5al3IK4VwwB5plxKLe2IkY/wAOBQndXFK8dCKxgaGy  
VZMb3AL49aytcbLSqCuEXZkepo3BLUb4XnMGpxyyj92iiL6Z/wDr13F5E4jP  
lyPER3j4rKrJOVjSEbXbKUOsapaYWRorxB/DMuD+dXldf0mYD+0bC5s2xy8B  
3D8vSnyX1Qc+uhZc2I7qVkuj61FOzbv9cdm0AdDWjcWd5CM3um70H/LSLnP0  
xWUtEaKWtyhss5Cd0j25HQSrgVILF8Zh2yD/AGDyfwPJFykQIBu/eKVf029q  
cC2P4aTaK3RHcSBUPTJFY7MWkz61rTauZzTsOGewH41MgyT7dOK1uY8pKvHp  
mlJxQw2RlrHvyPTNSLz6D3NMCRTk8nGP1qUH5sNyaQbD5W2REtwMdfSslssx  
ORj1PU0alblG/cfKvYHJFVCOThc8Z607ETd9BCgJx1x0J4xQqgoePrmq6aGa  
TWo0huM9h09qhu5GSJtnWk9iua0h/hK0jmle7YZaM7V+nqK72wjJQEgH3FK1  
IYd+Zto0FBwAWz70hBDZOvX3oKGMQRxk5pvTpyfTp+tF7DFO05LAE9yRTZm2  
xcY6deppAT2caxwjlODyfWp9ygen1oJuAZR94gA+2KcGDcdAOvGAKAWoyC+t  
JLgwwSeZKv3IHT8atlYnHzxRsD/eA5qQFaG0YYeFSfRMfrUElhYuM7GUn+6c  
UuVFXK8WnxW96s0U0hwDgN0FX1cr8ys2fY1hNWlobw1WoCSNmxiHP4iIMEW

SVj2k+lJF7HkOMyiNM5lJJxjvUzMPuR8Rpwor0Wup5z21lgxWSNWOWdsCtt  
NMtwVZxvkHGR3pSvY0fFN3LHkRR9EAx3qZdoqLlDi45Jzj86p6gglhKnn0o2  
CWqMJoiQUcER9DTtEcrA9o+N8B7n+HtVu7RIS0uaoOMdvap7ZwsgBrNm8Uup  
cfA6jj6VEeccHj1HFJiE6D0NQ3Vpb3K7ZkDehAqtAV0c9faPPbZkj/eQnnGM  
kVSiYx5wAMdQKUnZ6FptqxoW17g7ZsMnqBz+FX47v7Mxlh3SRN1Q87fpTXvb  
kWszWhkSePzI247g9RUoI5AHT0qflbTulMHrmjIzheKQglwoPH5daDyOmKrc  
Az8pH/1qTGKAElcyn86jc/LxkD2GfwpBca3C1Ew79z6DrR0GQM3BJ6DvjFQS  
qCPMIwe2BTvYlpJFV5CxmGxGTnA5P1qNx1x09qNXoUIFEaEq5DHG7j8qchX  
cd3JouNaMVmyw469sUxxISM4479qUU0xvbY1ImzApUcY+tOI2nOP/rVsdjFx  
uyOWRIYjIzdOtVllnvtVVMluAgHT6+9VvqNKzNFtWn0G2k03SpFE84xK2Pm  
HsD2qLT7IRDdL88hOSxPJ/Gk4pbF87epdmznOMcetV2JPI4PcdRSYk7DGOcb  
uCKCcn0461KVir63Gt1Al/Omv935ev8AOn1Bu40KWAwtNRwQXep6gmn6XEZ  
Lh+CxHEY9SaduiBd2dE91beHoZNG0KZZdQK/6ZfKclc/wA+tZKolhhc46nPJ  
J9au3L7pk9XzFPWLC3NgVQgkHIBPWrXhma/ttB1OWC4hWMKI3tpELtlvPK46  
UnbSwR0i0UtEWIWIidJvOSwZycDPTFaR4ODg8ZNLdsT0dmBwB1yfpzpoJLCjQ  
He+g3I5xx61z/iXLSQbVGMElvShXRfyMAQsZo1dtoZuta+hzCKW+DgB1bgY4  
xim3Zaijfcv30K3UYjcuEHUDjPrS3ccN1pLO+xf4UjJycDjNQitzDjiFpN+5  
JLE5XHJHtVu1t5tQSW7L7o4W/enPIHTFX5itZ3Ot0TwwJrlrFp/mpDEm7jAL  
KcZGfwrD8OH/AIR6+1p7zRotY0+KY2UkkiBkQoT82SCP89a1puydyG123OYu  
bh7m+eYScgKjk4IA6Ctuw0uabTL6SwmWTyFVnjY4YrnJxURstG9QnHrEu6T  
4r1fS7CHR3nW405MbYggydzZwW6kA/4dOK9Z8CR6VfaTFrVusT3jhllkJBaH  
nlp9msfZqi1CC0NHLn1OP8Z63PrGvwQaPPJqdkpDeRbJvVQAcSQOvl60xZ9I  
1HTbu41S2mjuo0JWJlWu4+pz0q+V6NA5W0KcCW+kW6Lb2yzl6AzFpAx3eq+n  
0pkGrH9/LJZRtDGN21OvsB6mnu9Ba21Y2fxQsRCxWRDMMgBeaozatfXJJeNY  
F7GQ0ne9mP3VqY2syyNo7NneS+GI5BU+n41I2um3UoAEZ6dCcCnfpQV77I4a  
BM5iSdwsLSATsvUyMkV7Haav4eitLexsLoxxxJsRdm3OKIvTUzIHW6L84jt  
fLa6nSDzRmMSMBvo82MIW86JlxkssglxVLUV7HM+PJLafwus0bLlwb92ykMD  
6jNeRmRhcl8BgG6dvoan7Rrr7G6HI2bdMwyHc/Ke1S2sschIA8twflYcD2Na  
6NWRnT0auenfDnVlbrQP7MmxHeWrYYDrJ71013KILc7cb26euKI+Y2rNo4XW  
9SIsIXvYIViIk2ndXCIWkuZ7mU+YzEuWY9SaiDSZvDfYrygy5DDk00Bi8UeM  
7jgD3q3uYS96T0N+xktxo95Bd2uy+LBklYYIHpz60txcb9s0i4UJ8y4wQKme  
j1KjeSsmXLCI2sJWV1XzRvUZHC097pAf3Sgj17VjUqcmxUaanuZ7yYYuiAMx  
50OKh1EgQW5zy2W/H0qaTb940qxtCxQlxjg/jTra2BIL8it5NqNzCnDmNa0t  
jNdW1nZpumnk2xr3LHnH6Vq+JFkg1ZbWeEwyW64kRx93I4ORx+IrlneMFJnV  
BJysZYBXlck+386flzTGPzQSglYjsamMnHqXOmpO7L7XEflu23BGeB1P0rC1  
yM2+mwxcGWdwSc8ZBreL59TkclafuytAul3irndkE/3gQciuut5Rd6fDIT99  
c57Z9Kip7siqd/tGTPHiRh19qp3V0lqodjlgQsvqB14rW+hDV53RnRvb3utz  
yQruh4ZW6Y46V0mkS6jzbzrXULhIR0UuWUn2zSqK0U2NO8jaOtagA7ahaWl6  
oPDeXhiPfp3plnq2jXkwiiiULG5bnY4+XFc71NNi60n+mpZxP5zupZSw4OKqX  
N3aR3DwTeVHMnDANjFS2aLQyr2Ys5WNgRjiiqq5CjceAOx7VrTViakrrQIXIH  
IH4mpUHbgAVtuZakgbj1xTIORjOB1pCZloyM4qRfrnHtTvqMkQjOBipl7jFK  
wk7jLogRheAD0rOLADJxxQMy7k75ix6AGoinOQe1VF2RnL4hSmCQf1NJ32qQ  
T25603qJ67igDcOp4wfasvUpIUIOiMcbvT0zU63KjFXsdVoNmtpp6RxxEvzk  
GuptlCR5c4wPpTY0ibcBgr1pAS2eSfY8AUirBndkDH4UFD3zxS3AULtJzjgt  
mmGA3N1BAjEBjknPAFMT0N8aNYA/M80hHYtxUgsbCM8W5cj+8/FUQSRDbg4i  
tl8e4H86x7+/j1CWbS9NlghKL+9mlzz/AHVxQlcexTgs4LS222w828HBZfuk  
+g71p2mn3SWyCd/MupD0wdo9vb8ay9n7/MJNkMdxBTXEKEV1EZ4jh4944NOI  
k8mMuyjAGck9apqxa1djl1+5W7ldlSRsfu47Vow+lrZ8C4galnuoJFZ1Kb3



PY+qPkTiXoru2nYGGdWpP0xV1JgFxl0+q/1rnXus5pwa3PLAI/s4aORWZvD  
v9PaoWAwoHpzmvSXY8p8rlwoe/tBjnzQc/QZrp14LHIHPAzUSvzWubRVoikj  
IHelAGOfyl4qRserDpjA9cVBdjKEEYz6DrQSynFaoynzshmPHoBWWyfZNXjn  
YHy5sxtjptWi1RGsZq5qKCMgkMR1wOKkUfMCME+9Rc1NIBXj3D+fFRHHIJP  
07UtwGHkilGMkZoaYgPQqcEHgY6VRudKtpmZ1jCykYJB4/KhMZhXFpLZyDzF  
+XPBHpSRyNE2UbvyOxoWjNN4I6Cdw/nWTbZR1Ru/tWvZ3yXY5+SUD5kPGKbV  
9TNaaFvHrmg7TwsfypeYwBA64x7UZyRhsDPTt+FIVxWPp0pvOSM5FMBjdeOK  
aw9yPfnADMBuRn2yaR/Yc+1HoGpWcGaUpt+QDJJ7+1OKk/KVyP5UJDZWA3wS  
MYZjkf8A66rPCwJJ/QUWARuQkoU5P4Ug+/yeaHFPVma2Hsk59COvGKjOSWYw  
xjl96LonUv208aWahjhgOINlvolBJOfT3oTKtcihWfULIUQ5PbqB9av395b  
6XbG0tSGvGGHlHb6VXmJ9ilFbNb28tw3z3ZTeqn+H3rWhKmNCCfmGaV3YQTK  
Co649qr5GehPfPale4NDSEmeM/rTSCAAe3bOafqAh4/TFNGSMn/APVSvfr  
YS3trnVNQTTdLBkuG5du0Y9TWVqWp2vhu2I0Lw5IHvWXN5qAOSCT91SO9Ndx  
aytBGBppjhnkJJw4HLdS2cnNaXDn5DupJ3eokWnoZV1Mz60tsdoXaCldz4O  
IXQldQL2VxdSzIjeVDGGcAAjGCehzUVKbnKNnswg7RbscXbvGt9HbLbSwXJU  
mVZBtKHJO0D8a0jgN0P4da0UbJlzb6jRnHPP1oJGRnrTtYBAASwz82OiyviJ  
N8a5BAZCg+tEW0wZQt7WG5CyXFykHkpvUOP9Yf7oq9b6VMsbXcMERzHeCEO  
MDtn0FKKctzRtFzxJqz64tlK1zUU7dTGsUcYVnNhfueK5qe5SNiZPmPQLnV  
3YkkVBcyJG8+7bKD8nt6GtFo449OSeCV4IpiBJCD80jf3h+NNSWwnDqjasfF  
Y0K7le1j33LQIMfN90+pNLoWtS2HgnWdJuypt3hMiF/vyux5x+NZ6t3Y3a1j  
hogl4E38BcZP4/8A169Pu7a28N/BeMywxjVtVYIJWHzjc2Tz1wFH61dm5cq6  
j5Vyo4NxEK5OfkYEeuAw4/WvV5JYvCHwYbKYurxCNoHLNI2M/gpqU5qyXzKc  
VYv/AA10SDwr4QfU9SMcU0kXmTStwVjGSBzXmmv+Kn13Up7qFPKhkYNCgGAo  
GV59ScZNaatuVjJ8vNoT6HNHqVpPudY7tJDKztgbfYfSrel3mjJ4Vbi1ux  
rhmZ4pRnyjHvyC3O3bt9RmpcnGLstR8rb3OU1HxFc3t5cTKqoGchCq4OwHjP  
vVNLu4mSQySEgLzk1N+bcpWirHUeE5LabwrNYylrXUz7ldjkqAegq/oUlvfR  
SM+I2gPzq3GDTvzEWszSla3hOxIRJkdTONR+fEpO63UE+iQ5al8t1cV7kTSA  
zM0gHQO5bH51taFd6Mt9bm8to/L3Z3MvCnsT7ZpKb6BKmmin8S7631TVbG30  
WWKZTua5ljlDRs+PkXjll68f0rzu70W9063lup4iqBiWHXv1q4Nxbbd1+Rbs  
qajazllh/oSO5G59xAHsajtgWnLKMYYHGRwablzEUleZdtNTm0fVv1G0ba/l4  
bJ6ZIHNERPeC7tUunbO6PPvnFVugrLIqaFO2t45A6XEYkjK4Knoc1x9/4Wlg  
mvP7KzcWiY4BztPoPXFKN7aBCfLJ3OcibusRfktZyQvOYzyc1p6X4a1eZmvB  
asohUsscnDH3A9a0tZNswc4yVi9c3sUupm5a2X99CImD8/MOM/Ws7USA6heV  
8xVI9RkZWsG+Y3h7mpPqFmg1h5cMkaxhUjY/dpjdcdMccVhOetmb011GFgCc  
9McvTUxZm29uxzwKKckpDq6IY4VklBx71Ppkcc2p2VtNOIYZJRG8z9lwe/5  
1p73cwS5Udr4P0trLxzNp9vOs95bEILwDdDt2A4/3qqeKLo3mrzSS/PcRsVk  
cHlfgYx7AVnVd0omlNXncyMHd8pzjinqADnGO1ZuV9Do0HqArkuaNTt471l  
txGYmymexqo+673M3Hm1REuo29ijLcHMjEkrtWn4RvEvNPmWPO2KTA3ehya  
qreSujnjo7EPia6awKSrGu1+Nw7H3rlZLpJ70S3hlAypC89a1ovmV2OrG2xr  
eGrVLm+n+yErAHxluwxn866y4MdpAFVfmxxioqSu+UmnGzuMtZzNpYaTIsYY  
k981Z0qy+zgzzA+a/X2rBytobNGNrV7Lcy7bByvkHkocNn1FZkN4ZZS0/wA8  
hOSx6k04pR1fU0lqrLc0lyNg287RrxU4G49MnvXT00OVleoO7b8uB3qVByeD  
TTEkrki/d4PNOHByTxSuN2JVPuAGpV5AP8qdhbk9ODUqnHG4Z9BU31GU75w  
X7cdM9qpO3yZJwBQ7A7FD8chu560lox34/KqWiuQ1qlynPt1FNVNvCjA70X0  
sxNO+gx+EIGMis2BEN1ZBJGsq5xs9TRu9x8vU7/S4QZkVBhVXj0rp4tPtpEy  
XBk7I/loGhZLGSJMTWOV7PETgVC1nCxG24VH7JK200iiOS0ully0WQP4o/mF  
Qh1I569weDQwJIYcL+PpUumhBqLu5QMq8elNXuTLYuTTWrfKwcn+EB+P060  
qs+AYA/ljg8GrJuQXdnC9X9u8Uuk1ruGC7NtU+1ZqaU+nRrbSKli/37gZO72U

9qatYltm7Y2Js1jO1RMwxEGbKj6eprnvGPiUWlbTdOmzqEg23LqchAQeM+v8  
qlq7LgkcXaW/2UC4mLq/UMCQWNdDoGq6nqO6GYrJBuwhfJb8aiTuDte50k/g  
5pAWkeORj2UIKzrzwhJAMJPKFPXI3fy7U0dILF1KfoUW8NXXK5EM8TY7j5akT  
TdetgPKcMvpvzmlJKW51fXac/jRw6gg+g78YpclSQQSf5VpokeE11lbomJYb  
hBh4pAfoCQK6uEEEx7htywzxUvY3hblHYIHyz/u075R3zUMscvXOcAnpio7o  
/LzjHbPSgGVCEmdK9fesZwY2a1kKA5X519jVxMppcyZZgmE0Ecy8BwDUwz2N  
JmvU0LQkQ7MnHpQQQTgVKBidz79aCMn/AB6UmGgYwev5igA8kkfh3oEMmgjn  
jCyDntXP3+nyWuSu5o/btVJ9yk7FOJiMISQc8GriSmUqSSko5BzwaL3dipaa  
mtZ6kryGK7+RwOH7H/69aBzjkjHY4qbO9mJ2tdAMhcdfQ0uTnBAxT3JE688A  
Unl5zz+IOwIacn8emO9MGSc9KTGI3r/Ko3H1o32CxWll8pcJgse3aq7379FU  
A+nb8aAirftsZMfIUc+nH1pTcylDuVc46Y60lccirPGrMpMgBlzjHSowSVG  
KbtYmCd2DEIGyRnPA4037wyMUWsrIX0FXBTLZAB5xUdvbyX10qRISOwHOKdrg  
u5sX13Do9oLazO+6cHeRyR7Csy1g8IDPcgtKTiNepZvf2qrbli9tWaFqfN06  
/vG53ARAnuc1ehBjRQD0XFRr1GLKDs7VUJPYDaO9NJBql+CfbtUZxnkc9jQA  
Ebj05qC6n8pCqn5scZqJPQ0irlvTdbm0/wAL/wBn2NsLa5uNxuL0H944J6D0  
44/pWN5SoMBSj1PJ+pqFOSSRtGHK2+5awsaADllyaRS45BIXPQVSvuKSuilq  
Rk+0R3WV3rxkdulb+qauNTvYtQ0tZNOuY0WLak2fMflwwHoKuD1dzKcbRVmP  
1bT3tPGUUKl39qma03ysT8wbgf5NP9z1q2tTB2sJtyOcAe/pTTjJA49/Sk9x  
LYhIkWPAJ+Y9h3qjqTxmNjcg/KpKKRnLUluNe8inNp0ultpGozhZIVdsowyp  
471am1/UpoY7K2uDb24clFTgDd1GfSru1qVGN1qVLLda6FeTTWaFJDsinZse  
WQeoPvXLH0wu3O7npjzS0W5Cu3ozf0bRYdQ0Sa4upCsUS5GG2luf88VRu5V  
kkZkOYoxsQDv6/jvRYIXT0GaFpl3q+rLZ6fAbicDe2ew681reK9AvfDb2MGo  
yl8s6O8aq2TGO4o11L3aMiysDf6tZ2Kji4kCH6cE12fxY1Dz/ENpo8GGt9Nt  
9jY6b2A/XA/Woha9mzWdkkYHh3TTqfiPTLOQfuriUo/fA4Net69bW2ueOtP0  
+Rd2naJEJ5Y0GQ87f6uPHso3fQiq5tbkSulocv8W/Ej31wfDdk222j2m9dD  
/H1WP8Mc154bZ1glwgDSMSOOucijZbgoq1zOIZ0DEHgDJGeorvfE0R8OeEN  
NmMsb6hqKDFfjExyf6jUuSTv0DI5tzzk4XdjoOma0NRgaz0uzjPE1x+8Oe  
wzgZpWvqJvod3qnhJdO0yxm02+g+0Qxlm2Pnl7g1QlksC8UVnch5Jlg9w68A  
Pn7tU9NiVeW5uW9vK+j21359vGkjqqxy3J5bHpVS9nt7e6likkwqPtWT+Fh  
6ioklcqMr6CLHHKf3bBjwSFPNqzTiznQyOYiDkZBx+PoKIRsaqV9CC9aRyuB  
kk7g3UUuozzXNhNEjMS443cjNjX6mk1aCuY9tpsVxPBb30zxKkLktEB9/qPw  
rQisoxZWyrHE92fmZgegyMj8qq9tjOnFc507/wDCMX0aQT6NBb3L8FwRhZ9K  
OrkbLViyxtQEBQOuK1v7pg0+bUVYzNauhcosnG5Dg/hSWNpDp1qsFr5gReSG  
OSTVQ2Jk7XRZ3sMn7vfKgCgMxYEkdFwnuTY8+1i2Ft4ie3YYQs0gx/n61HZW  
jXmu2UQHDSbj8m4D6+1ZqLb1NZSSimaXiG0jS/mit5N8kbHdk4Gfb2rn5C68  
Hjk9a5qsYy1OijJ8pERvLEHHGKZNGzlcYKrx+NKK5Xdmk22tSax7MD8wKckT  
MRxkZyPrWju1dGa0Wp1/gXxRa6Q80GrJcG38tRE9uuW3dCTyO34VUv547q7k  
khjMcLj930596VazSaJpO0mRSCNTuTk9Oael8LznPpiudPmR0OQ1vvDB6dSa  
QtjOSB+NHNfYa0Kd9ZrdRMSAJE5GO9M8GSS2OuvBlrJDcx554DEDlx+daU7u  
LRhVtuptftkudOfzo94A+7jnGf51xMemLe6hHBp7s4cnerDBT6+3FXS2ZNT  
ZHUeHhBpOmXskrDZG4G/17f/AFqxYncuGvzc3hZrOVv3ZHOD0qlFuV0TdQpt  
HX6RaulmeUgRMdyqR19T70usX620ZjD7WbnrzXPJJysaQu1c5fzWTJxhs8kf  
zqgxYSvJ78+h96uKvudEGupftLpxydrYjdT0Jz271pF6WOarBJ3J1Hygmn  
DHHH0q1qZOyRICBgjgDtT1YHijUZKol+UDNSJyM8ikwJh2Hb3NPP3Tt7UJaA  
ZkxzI2cge5qreNthx+tJasb7IP5SQCM5/T2pyrlz096vqYCjhuOnbmjndU6r  
cp3ZWvH2wZP8qg8MwCXUJZWBDJyDnjmmkinH3bo9E0aEt857npjkcCulCgqAw  
BA6YXBFDBcxyyR8xTH/gJ/oe9SNLvG2aCGce6DP50FEXkWwfMfm2zH+4dyj8  
KSTTZJxnfb3PumEagChc2UlsMskgUfwkc/nT9NRhvbvJ5cZZifvHoKETItG4l

BAhjax32KCRQ000pBSSRW7qvAP41ZA2SK4mIYjYB03PgUoQCMpLNGR3jLbIH  
50BqMkhjW3dLO8KA9Y2JZfwP8Jrz7UvDt1DcSTW6OyNz+8O7PXoaUm4xbBSc  
TKnnuFxCuwdRgBuPwr0HwNp3kxRNIOUXew96zjNTV00Tu0jtt/zE9Cex4NP  
WQ9/55/pVmgkkME3+tiVs9cpVWTSrbJZN8R9Qc0CseGoG4Jbl7Y71KqjO7kD  
uDWrZhe+hBqoP2I7fvKc88Dt1rplUxFGMfWdJpWeysbLa5JxxgDrTjkLgHGO  
IToUtUPUAgDPJ/AVDd/d607AU1JEuenrTGVXc5ACYIbByTn2oTsyZRuilaEx  
TzW7KFC4KAehq70HHOaOoJ6FuzcdP51afG7I6/XmkUil8MRj6+xozjtQAHnk  
AUo4OKXQBSfYfX0prp5i7TyvSnezDluYuoawWyN5sQ+UHLDFZ+4AITwBwT6e1  
Eu44N2sTb90Xlz/MpGNx6ir1pfPb4juTvg4CvknfWm/eWhSfRmupV1UxNkHn  
5TmlIAHzZplhoMkjAwKcAPxl70dQ2GEfUU3aQDz+dJ7AiPkHAprZ6n9KEuwy  
vK8UT+ZMvA6Vlq4O5nABJ/z+NHoNdxN4OMgn6cU5nII54+tNvWwCSDcm7OfT  
NQKctgcc0Mm9mKilpgu3rVi8hFuWDHGaLlblqQrJcyiOJSSDkDoDW/dzWuja  
YYoSTqb8tjAUKf61a31Jk9LI5q1kYX4uJTMRSSG6/jS3+oPMWYHLHFHW4adS  
x4eDtJIZCSiNwM8E10AbPUfjUFNHl9zgZUetVcZlZgn06Zp3shJdhkhyeBim  
7T34pWsgWpBcz+X8nBc/ypltbPKDJNxl/L71PKmaXsrske2dUIGG9x2qPysD  
BB9DnilOLTuXGopKw1kYnj6cdabgkHAlx1x/KovcpMilRp2WBMF3OADUNvYX  
f9tWUEMbuwk/gUnA961gnLcybSOx8TwJBr0EqMpn8ooyjn5cd/eqA38h0Kex  
GK0atuczSaFlyOv50mAAeakFYyZ7qNb+Q5y6rtGOhPrWJrF7NLMsbsTICCM  
mq21LSS1J72/m1PTMTvtSlgBB6+v/wCqrGjSeZvLlhWBRKin+Jkjc/Sn9kG7  
IXV3vnH2aWVTAf3ioowuScniufmbahA6jPGaVri2sbsv+jWMAaUoXiy0OSof  
esreQAHwGPLD8e1VytJGck4tnQ+BdaudAv8AULy0jid5EWMeYMgY78Vn+INW  
vfEGtm81KYSOE2RheFUd8Cpd0nqaLVo6X4YWn2nxHcarcR5h0+33E7fl3YP9  
BXL3V0+o6nc30p+e7l85c9QDwB+Qoil0Lb11O0+Gdq1x4iNyYnkFuuUwMjcr  
xzXea9qNI4H8K3OoVlv5nOwk5aadv6D+QotqTLdnh9o3m3EiX0w+0HMskr  
tkNjuxuJ9MNxW+KfCU3g+K1ubm/GoWsrHURew6YG4gDccg8+mOPWuepiLVH  
CKvon97sbRhFpXMK5ttG1LxxZRaGjxYmW8wTYJGOT+HAqH4gazHrPi1zbEGz  
tFFvEBwDjqfz/IXR00MXzXsyh4T0r+2/FVjp6qTG0m+X/dHPPselXPht1Bc+  
OL4Wcai1tdtugQcDaOfx3ZqXe2gWF0uQ23haacyMGmcquSSMA1TsiWAAjLu  
7cqO4rXSlA1Oj0bUdNt/EC2viyzd9MS1CC38st5cmQRIVHJXG4cZ+nen3Gv  
WE11cKLIpZiYi2DDDeV2yD3+taT5ZKyVnYfLym5r+RJaw2t9ceZbvskJHIY  
DHpXovhG08QWmjXUkijwXERjP2e3IGS5x1LjoPYg/UVm1aNmCep55cXy2vz3t  
pDbpKNwCgxlUStHqMc4xUrWvmQ/alsAKu4ler+wrOCTSSaVJXZTjh0yQqdQ  
ku7VJSy7/Lz83YD61naRdLp9ykly+3YGikYzu9/0pvQqk9Wa32231C9WW24j  
x8xxjj9a6iQ4SBc5RE3Ak5Yj1pvRWZk/iGJqaKm2OluRwfkNOGouXUC1kw3  
tjBq4rQzla5oLGzANt4+vSqV5qNIYgmeddwH3FIOaObIQIG700luNSGp397e  
mlosShYx35659av+CbtLbXlby3B4eloFx14HOKIPqzSpblsXfFcYi8SXR6K5  
DLng9O9ZOvacbJbZ2ZWEqbhtORnNztgkmzSk7OK7mTGMcjgp9aHGewz1wD1  
rFtJ3Oibb0IzHtUEKM9OasWMZkPzYHH61Xx6shLRO2o9DT7K0gTOe/v71WNq  
beH7272/u+1TJrYUbbssaRqMNjqy3F5aLdQhShjbgEnvVi+voZiTBb+Wmf4P  
WoUWkatLcypGyxIHA/WgnI+YDjtik0krsu/RDk6D3qvcpdRtHPEytHCwbHRg  
O+Kka1aMzrS518pSe33gswcZUk+9VdPtorNjbqYKkhXLMBOAopu10TL3rHFX  
NzdC3NtK6x2M5YrIRzn0Pp9a2fDWmreaZyYtxkRxDIyv3jzXRKShDzM5rmlp  
sdNc30cN1DZnaJZASqj0H/66yfEEAkSF+6t1x04rhTcryOqK5WjFkxsljr+t  
V8BQVxnsfStFqVytsaCeWUD+laumGN51JcbeQQx4q23pqS4WVjSyCzAHAU4x  
Uq5C/MMN9K1i7xOaUbOw7kdsg+3SnqCRx0qtbEkik5w3T0NSr1GKEBLGQD0/  
XilnfZASM5PpT0QJNmaTjqOfRVO4y0hyRxSt1Bkl+9zzinAcfLwavYyS69QY  
5HAGfWnKTuO08g8Y6073VhfC7sztWbbEVC5JHCjr9K0PC1u6ws8g+d8VmtzW  
/unomlwgIgyePwrW3H1b6GgEPIQg5+Q47jK1GFB5BGfdsCgYhLAHI3A9hS+U



vBC4Pc5pgRXbyJAAJhtY4AJz/OnwoEgCMoOOSPSmiZCNdRREKsQGew7/AFp3  
2iQsVEYX0009WRcaFnfmVRt9MYpgtXL7/wB0McYJ/ISGPW3CZJk4PTjAH0oA  
t1yC6uD/AMs+OR9KBGPrOlabc2xIAUBTnYSCOVY4re0iOO00xN67Wk5+g7Vm  
oKLuhrcvbllYOR6gZpd+O2PoetUWBIP4H/YzTdzDIG2f7oHNAHjhtRg4P6dq  
eLcY9R2q27kqNitqUixT5CBgDB555zW5BzCpHIKioeuponpYkwTwePpSkDHO  
CM0gF254z+FMuOYycdKYmZ5GGGcH+IUS4srjLkmGU4zn7re9JPUM6sOnkiFz  
G4cOx4P07VbPBweSDxnpVSshrYlhOGGelaJVSgP8uKhFW0ImA42gA+3WkXOS  
cAjHFMkD7Dn9BSNngHg80bD0FJw2P5Uozjtj360dRijBUYzn1J/IWbqGnJOrP  
B8snXGeG9KaZL0ehkMrwhkkHO7kHinKdqsOGTup60lpoy9JltWt21ph4D5kB  
PzJ3UVsxTR3EW+Jgw747UNNMNGP654/SIPTnP4UyQJG3k8+tMxhTyOBzmpg  
0rkZ5OcH86RsdRg09hFW8QPA4PB9fSstCoXIGSOufWlqO/qqdTGdHoKUELzx  
x1osti23YeSNoGM57VVY7ZCMLnAy3rVJXROzJYiUk3KSCBjFCxz6jfwWRhpH  
c7QqAksfSpkWrHS6zZR+D7SLM0M2pSg4iXnaK5uO2me6Mt7HJMwOWVocVvGK  
5dTnu3Jsl3tlr6XbGzBICRRMOS/v+NVtW0S/0cxHUIhHLccoCcn1qH2GktHI  
1NjJWOzQLznqT3960BweT3qE7mjHP9xuB74qmc+3Pr2oEhrAZPb0qC4ICKMH  
5+gGaL6XKSuyKC3MjCSXPHTPetAKUGMAH3FKLViZu7sOJxzwCe9OABGXAPsf  
51ZknZkRtVZQI/I9vX6VD9IkU5wGXuahwW/U6l1F1M/T5jFrtwZYxlUGN3bP  
euu8Paha6fe/bsFnVeg6mqgrKxEy0n2K9mluLMRvcSEI4pThgfY1AUbymjvF  
R+eEP3I9K0uZ26FCSEEt5OcDnB61iahqIT91bYZv4j6VGjHy6mXKYre2O4N9  
o3F9xOcj0qjbMuPtl5hnc/uwfXvVK1it3dDmgjMckgckFs7c/wAq29KGly6P  
JOLIWPWWJT7M2PLEYONx46/j+FCtLcJJPXK+oabdXFkjWeZCg3Sj29fpXJug  
kRtuCCc+5FQgi+Zm3czy6xaC9uWBmhQQAjJCL0zWW4IJEolZeVOOvtVc7asw  
sloaFupttMO8DJBjX0yazojzvcgEkZI7e9OVkJNLU7myvltD+FE1tHIRqWqO  
Y+Ooj3cn/vmuTQRhs3ABVAAlHbl/xojd6lcpXbPaPhhpsmneGWuL1PKkujvJ  
b5dsSjqT24/xrzTxr4ibxR4jlniYHTLVWgtUJ4cHILj3JH5YpNashNrW1zmm  
PmXAVwDvO38xzWrPezz+HjJd3tzcOJvLjE8zSBF77QT8v4V6k6cZSuxuUuWyK  
+jSLp9peX5OGQCOLnrmsGIHJ3clj1PrV9Bpps9F+GUa6R4d17xVOF2wReVBk  
4yQP6kivOTK7xySSMzSyEu7dySTkmluU2dLffutCsbX7oVAeO5JyKZpt2LK5  
80LuYoYyPc+IU1roLoaXi/V7jV722N7DbrLBbGLfEpDMp6ZrnpbqS4gto5uR  
CCAe5HvVntXM0kuhct45VUoisAAWyOePWukj1TxRo2keZaXt5Z2MhyTJbH5  
890Lrj/vk+9a2v03KjbmWlzU8OfEm8slYoNVtBe2UP7stFjzF4OMZOD6EHH1  
qhF4ot5tU1B4LJbOzncPFFkFkG0Z6cDLZPHOK5ZKbkIHRla5VdsxLrVnvl7  
mOQb2jAliUdODVRL0PN9oCBxld23GRn2qrN63BWvZHSeF9D1LxZp1zPpVzaW  
TwEYikBO/lzyR90fgavaO0kGi+aYwlmUDKbtxfms4TT9bv8AAHzc1raE48RS  
rMI/7LWPlzydzcSI/t6/kICWVmJGA3OkELSuif3sLk4966lduxnymNqmpapl  
+Xum+zuTsCqVOPcVhpBc3cju25IQOZD1NYtrqawiPtIC6MkzfJ9tlKr6nbV3  
TT9n1zTrnAUpchDn3GPzq4K7Qp6RaOo8ewMmtRzY+8mCPXkVzWsD/TBBnliU  
Z9iairKydh03e1ygsJVg3vg59Kci7/8AWDp6VzOd0zoH+USWxzjtU1vHsbgf  
xDpVsjNbg07HW+VNDdoone3byycBgeK52WRvMYyDAHOD/ACqpSV9SY2SKcjb3  
IVQFzxUokJVmkGOOvTX7xFtEbYHTpTMuM5HXmstOrLT10DdhweapelJJEsk  
EDENldufX2qo3ckEtVqdV4ela40C180FZFXawPUDJxWb4pv5ILAWaBkeU7Qw  
PGKpL3+UxTSVyhZWFxrs6Qyrss0T8467z1/LNddfXcGk2G5gq7BtRfU067+y  
Kmud3OMW6lbVor2d8SM4BGeFGMV1+qoztPkKgbIB2ADpWHJyqyZq7c5xpYng  
/oaWOB5WwqEjv6VtTXulTmvQux2OBlyCB1HrVpYI0A2rjHQ1ryKxxyqOUroZ  
JNLG2JehPDDvVm2ut/DH6HtWUI8jszqfvxui8pHY8mn59icela9Tm1TsSKM8  
5J7nPWpFOOCBz1wad0FydT6dKr30gACg4P0qW9AiZ8hIAJ/nVMvudsngKeKuO  
2opMCxIBPHFOXqOcVvJK9+o5cNk9j0z2pCRycflU7Fb6GJrMhlcJGSHJHTsM  
12+iW7RxQlyjhRSjqNqx2doqiLGD7girS7toCFSoXPQCmNaxK/KRg+gzg0nG

MsFP1WkMUMc+nr6UYAJPGfTPX/GgCheOrTABQPXb0qzbXBkXy2IDgdCfvCmn  
qTlsh1UcKqn1x0pjXMajkE56YFUTsRtdoV3Rhm7HvUbSTOQroNh/iUnlpoLj  
GtZHx+6ZvRmbAFM+zqhBMyxnqwJ/SmK1yJoVuL+G2Vy6k5k4xx7V0vQAJaB  
gKBUspCZ3A/H+dIQR0+UfXJpFCcDkfqaQjnoN3btQl8mLloyzrn1zkVH9qi  
XO5zz/dq73YrFPUp4msZVRiSRgfn3roIRstoxjkqM1MmUo6XJFOF+8Sf0FBG  
ByefrmpCw4DgbVJPvxUc65U+v5UAzPKjb0/Oqt5FHlimQEoOuKNU7g46WZQu  
l4ghaCTKqfIDfeNaySBo1Y4lcdfSnuCa2JUAB4wD655RqgbfENwyF4x0NlfS  
wjlc9T7YNN5A+Uc0IBOowab+P4UkrGLgYyTkelKCRx/OjfQABOeKcACecDPN  
HkBWvLOO6X/b9cVgTQSWzIWBKjv607BHcl3Cnzl8A4yV9aspmJvNtXw+fmUd  
D+FP1G9HdGtbX8dycA7XHVC4qwCcjnBqbWG1qGVyKayljzgCmxla4/Km4zzx  
9KmzHoRTAISueCMGsAv8zqRjDYxT3QKwm/AAzjnk09SADkDA6e9D0GmxFbAl  
B6/r7UjKCB82AB/kU7sh6skht5ri4SC3jLs56KpJJ9ABXdYsvh3oqyzll5r1  
38kaqASvB57HYO5HU0Jc0rM0eisup51qjXN1cy3moTeddyMwK9Cx/u+gA6U+  
5vZraVMSMXKak5qpNt6EeqVhg8ya+j+zqXlzkbeufWrGqy3dzcJ9un86SIYw  
eq0o6u7G1GyRe0qTdbYzwd161o8ntz9Kz20G99A5KkED86qN98jH1q+pO5FP  
MIUGR82OBVSEb33yEM3GBWc7Lc0ina6NFVLMjHcACnAHJJJ9a0VrHPZp6j  
gpwPujPQgUuCAQf/ANdW2TLQd0GcYFHuam5XQzVaOHxlzTjMdxEEGR1x6Vov  
Ztbudm7DdFlxitluwO6RBLhXxuw454POKmOqCBQLrDjsR94e1TLTUqOuiM2a  
6vdVmEcC7I152r97FXrPSloVDSgO2M8Dofeo63LI7uhz/iCxa2kzFI1boPSs  
a4YGaOJcGOMcex71drkuVo7DrdZGVmUnbGcnHaur8laNYPff6r4ja5t7ZEDR  
eUuWBH3sjBznt2o0Qrtr1Ok1vw7e6XZRSS3sckN0NhMK7ShlJAJzyMd+Oe1e  
UrY3KK4MZKoSob1APWmlzK5KfLuNsLILSeVJObecAP3xWhFaGa6e0nG5GGY3  
B4b0xUuN0XfWylr6O4ECQMAADk47irvhbQH8QatBYxSiMPMUkY9AoXcfx9qT  
appcxLvq1qafjajw0vxSbC3keaG1jRDuAyCy7sil8JaPNruuxRxQGw0tiss4  
XjeOoXJ4z9aunOMldC5mlqjd8S/FLjS/7A01XtrqYBocKYY8Z2DHdh3HGK8  
yIEYiEapt2jCADAazS5k1ZCeiuUoQPtsaucfNzn1qZiE8NoHlz579v8Aaovy  
j80P8Q6bfaVYafDe2slutyGkUOMbsY7fiKw2yY2UfelwKJNXGu56fqEuh6t8  
PzDEqaZc2UYU20Z+W64XDkgnOTzzXmcCm5uY49vMj4xnt6fITmouV0THnW+  
xv604N5tUYCfIF9ABUNgjS3kMY5/eDdxRddCldaDtV+fUpiccNt5NXdP8L6r  
eeGI1yOBBYmdu7dhx8+3O30z3FN25W2Ldl+003U7C5VWtHW3uSIJLp428mAM  
QNzNjAXOotb/AMT7zxLp+iQ6LrD6fcafdD5buCJklPI7W+ZSSFOe4zkenlqK  
zVompcxdL3ZWtc81haR5HwOHY3tnNdVBbaf/AMIJb3q2oN/9pCzTmQZ27uV2  
+IVC0U0yZJyd0c7dXca699rgjVImYBohwoXoRUiwfZp5oFOUjk3RHP8AA3I/  
Woja2oruMrHTeD7dpJfT/skU/kZcbyQG9jj+XSulk092UyNcG2kdizKnB/Zo  
nJR0NEm2Z97oi3bDzLuQFTww4P8AKrWh6TL011canp2ovDdFQjs6iRHX+6Qf  
6Yql1XHYvk0szlIN0Lm5vL2MyQNIf9I2fuy5ycD057VzeoajJOkil42sMADg  
Gple+ocytoWZkeS0063UEvGhfA7GqY1BYoxvA3iVSmT0IYcn2raDd7ENXjc9  
A+II5Olnpk09p5Eu3YXByGBxhh/9euNIL3Fwx5beOc9eKVTd3Cnsh4BK47Yq  
QRgKM55HrXHaPMdLTFQYU5OM1YjwpB7e9VtpYI7Gg94fsglMrhBzt3ZGfpWT  
LMHf7hxntQ9xR21K0bMZSoC4+ufpV1I3JtByDzihTopO7K56e470W8SS3KI7  
7AxxvPaqjFGjdia8t44J2WGQSlv8Q/irLup4V1eyhn+ePduKg8jimrqVyH70  
WdZHcQDWGtYmU749/HtWf4lsjft2EC4BZyT9AKxfx3REdrM2kW20yxAZliiT  
5dxHXnvWJqDJqOC7Aop+XHOD0rSmuZ3ZN+RXRz93BjhbwwHHIPqa7PTpzNYx  
Ry/eeMA44rSasgTUldGKNOjllJfls8dqtKQpAXjAx0q4RVjGbd9Qz3OD+NAD  
E4lxjrVOyRktca67jtdRtbse9VJIDAwalbo2GNvpUySsXTnKMvltWt0yyNHJ  
kqCADjmtNCrgHqPY1nCXRmtWFncHX1PqKkXtx1rRmJKp6nPQZPPNULh98xx  
gk8AZqeVlrYrSMuCVGR61VwSflGktPXUxnfoKCM9smgDKk4JI9eafmLTYep5  
IOTzSO4VGLYxU20Lu9jGsoXudbX5lwrDj27A16VpkSswcZH4dKrok7crHSrG

FjXIHT1p5XHU/gDxUlibpAeMMPQn+VML/NzG4oAAcg7WHpjrSs20bTtIHdR  
/hTAzTkzu5Jz0A6UoLbgyn5weCDyKQM0YJRMhYD5x98Dr9akwCDnYfbGKszF  
3kY+VVHqAAaTcT1498/zpgRMquPmDY9M0B11biLaO+4cUAGiReZJPeAAEnZG  
fTB5rWAZf4F57qakpAT3JOfTcd8YJ7jrQMQ5B++PqDSBexCn8M4oEeH7iDg  
cA/zpBnBxj1zmnuC3uQXxBtuQR11x/30K66JSIFBJYgcHNGti99x4yDkkCng  
ZHv7dKi2twHAHaOC3bFEwHIY6/hTEzMcZBzkmq9wu6BIHp60CbRkkrk7s7hx  
jGKvaW+YCjZJjOafWn0BWepfAI9OvQVcsnzIR0PrSs05NJ8p/wAKjYDAzxS1  
AbjPI6UuRt9T9KSTHsg69P58UDqePrVCFUBeuPxp20BgSAf5GlEB/Oo5YI5  
kKyDIPpQNq5z95YtbsSmWTt7VCjqwAJKt2I71TfYtWa0FY7mGPkIHRwOtatn  
qlZhFdfLIRwexofcWr0NIHlxSHGSADjvSIGEZGD+tNPTB4oAjfkc8EeIY1E  
ReOi8DOQfWkNOxXIPTHPTOKTkkHCKDvVbbIXbViS2heY4jGdvr0q6sf2eLy  
iBLckf3eF96OtyNtDc0TWYfDMEsjWJu7xlCwvkJAxzk+n0rmLi4utSvpdR1C  
UzXU5654Qc/Ko7AUP3b3LbvqiC4yYuDzkc1BeACJGwMdCKV77CW6uNhkkhCp  
G5RscMvBFWFimMqyuCTIM5Ocn3o9AbV7mjYAQDy3O0MeCfWtNGyOSCPX0osH  
MSFePWs6eVIQS2Sc8YNDvYI6soyFpWZm9ePanKOCjr7d65+ZtnTFaWLMVYvW  
ki8DAyODVIWRmwDk56E1rCdznqU2iXAYPSIHhBP9K1Oe9gwScDPH5mkl9CT+  
IGg276kNzapdFDKIDkEHGO1Y0I5dmWWI3EjCM7R83QUmrlxu9yHDyyxyF3L  
KPIOalnDjLvUkET8lh296lq8jXmcUkaVrKiKJLR+Mcla0Yr8MwEw2npvHr7  
1oZvTcg15g2mAKQWlclrA8jJqOfw/YzW+0R7Wxw6cHPuKA6HN6ballu9ty2/  
aAvPUiu/tLmbVoDFJbhWVBDCKY2gjuSO9F7Im12ZviG/tLOKc1Ejw2i7kC8n  
DDIsDPArhptXaWMrCrR9cc9qd7aoV3ezRk7AEUenXHSr+l6I9kAjuBugGQRh  
rH9KTb3KR0zOI/sc8tv59IM+wP61Jqug3Wj6vcJoiyyWk6h9isfMRseo/SqS  
59CW+XUxbuPUBfRiSG5kvHYRr5iMdzZAAJ+ma968GeHovDXh6CygGZT88745  
Zj/h0okuRWBPm1PFtfc3PinXp1maUNeYjZzneoUjr6ccYrGIG4AHgD/Giqoq  
Xu+RUL21RXK7rqBwpZWb5/atvwppja1PpFssMkyJeNNcGNMlYgRgn2zikrTb  
M3Ll1LXxd15dX8XraWzK9ppsRjBHd3GWP6KPwrA8PadZXdlLncSk3aTqloQO  
Cvcms4y6tGvLtYueKZYrm9jht4hFDgthRwG/xqppNjt1aCR0dUQls468dRWI  
m3ZE6JWYyT9/eTOc4LHHtVnQQRcGU4IjBJ9M9v5VLkkynFbj4tNt73wzeatJ  
qUEdzFNkWrnDPIsA16BaWwR6fDa6KskN9Ilv5qQwXJ2OoIIg3gE9Ov51SUZ3  
SZm3KL1Wh3nh/wC2jSmttWslreZg22JplfzQRyDjI9j1ryDWrSbQvD6HVp2v  
LxwYWtbh218leVDIST8mAMfhWDoOpWjO+iv/AF8inPljZdTjbUeShcNuKrt/  
Gr2qMsMcESfdRAP6n8a26i5mkZDEEgn3xn0961dKdLiFvMX548KD6qen5U0t  
QVnqdl4HZI7K6kkb94r+WTnB471uS3SAfKfzrCors7aULq5Va6XJGSB3NQ3F  
zuhKKxBx0X+dRCGppyvqc1e3ZgtpLJbmV4nfzDGWyu71xWI1tJFZw5z5skgU  
bfr/ADrSMeeXMzGvHkty9TaVf9lu3zjyVVVGea5fUonj+0JKrB9meeMcg1cW  
3NHPL4Weq+PX+2fDLT75G3nyUJl6gZGa5TULG50Wz029vXhks9RQyQyQybiv  
AOG4689vpU10lebJoy92MRVCPGHikBH+yetJ83RgcdvWublb3Ozm1RJGYGD  
xUxXK5PTpT23CT1EZSAOafx6U1IDSA3zAH8ql76BoxSsYX5cBeoPSmEZyRwe  
p+IO+nvCQjfeG5eKYFDEgAYbHSpb7Mq1xLq4S2jAz8+OQK5b7RI99524KVOV  
bGcVtTjrdmdSVloaiyy/wDCR21zGDIWDCRQeeRXaSIBr8e88xRxs9s0qiTI  
dGcJPY43xJrLajetChlto24XP3vr7VkJcTwn5ZGXHBHaroQ5Vdjrsfwo2dHv  
Z9RvBbsoZVG5uOcCursW3XpKEjaOeOg+IKs7NRJpK1yG7XEzA9+nPaomQk8M  
AB0PrVwemgp6SEYdAAcnvSEtjnhq09TJyFJI57Y7mopVDPGqn+LJ5/zxWVTb  
QqPvSsLcY8snHz/wnuaitrpoTtk+6uOR6Vg97s9BRvGxsxOJcMrLz2zVhSOK  
6lu6ucUo2Y+TKxknk+tZjuGbPTjND1GtiCQk4569RioyMDPP51VuxjKW9xoX  
ccMPyFPzjk4qt0Srbijg59earXrgQHsO9R8JrFtkfg6ETSXNyUz8wUMeuK9M  
0yLCj+faqbJ3kzXYcA9D7nAFAYbjaCP9huKksQ4zx+p5pwLY4OPxoAYQjNwx  
fY4qG5IWMoMgt2lyKPQCnwpwDkDtmlBUUnBJHpgYNADkkeOQPGSWB556/WtFZ



FkjEiglffoD6VVSZDI2n2vhY3Zj3AyKQyOT/qV/3s5qhXGu1x/BNEnoCtVp/t  
fkMjSK2/gYb5jmm16S0t/stnFAqYVB196mABHK5U9ugNQaLYYw+blQrepFRM  
MnBIJ/GgBQhA4/ldcU5VJ9R+OP1oA8LyCOF1FIMFzu4x+tC0G7blqak+22OM  
kb16/Uc12aJiGPAONvWhiitB4GD0/GnDocDj60h3AEn5UJI+tEuVQkgn0x2p  
iKEgwwl7/nUJALD/APVQZTMxbpBHOwb1yKdp8vl3uG4VximNjP3NgHJJPF0q  
xA2JA2PwpFF+Q5AIAbx2qvxnPuk9aIXAQ5HQ/rQcHtzT2QOwYJPGM0/nPHNK  
1x3EJAbAGfpS5J6ckcU0wFAG3nGPTOaOM4H+Ao6aCEdEkTDcisO/sCuZlfmB  
6qOKWtgTSdzNWRVTy3G4DrntU2ACoZtyZ4cdjVK/Ut/zlvWl+1u+2YkxH7rK  
Ola4ZWj3KwZfXNRtoD11GNyOw+lNyBjlqiBHIHcYPSszUV2SKQBlutD0Gr31  
Mxv9YTnOPyqxZ2clzlcjbHjk4zk+mKE+g9ErsvCWOE+RBgtjBP8Ad/8Ar1PF  
EtpGZHJLnoSeatq2hF09TJvbhricxqcd2PYU2P7gwACOaiTuilDaljuQDE2f  
mGOapXhJsRt+8B+VEXyhbWxYmh8oQvGwKOM//Wrf03ULFNENTJah79yQJc8g  
Z/kKNU00DtBlks/zkbc8deKj3vEMjcaO3Wqmrk05WepZjvz5bLgHnG6qTEyu  
zu3WsbvY6lpJ3HJ8o5XjvinKEGSc9OnrWb0dzV+QMqzHB4pdgz8v8JqNin2J  
opJY8AtuHbNWoJfKGAmeua6YzT0Rx1afvXJGwMcfj3NBln8s1fQx2dijc36  
o223/eSdMHgZrHaVXldh80mMsvtRY0jppqyvcMYtX0tS/EhLMAfbj8a6mQK7I  
SAcnGOtN2TCeqSKUNIF9qeS3ygAwQOATT3zAjNMdqDq2OPxoYrvqU7yXP2Ty  
zITKGXnhq6CK9WWfblCr7uSBmi1hu1jmLNjJ4tvxGV+YAD04zzXZ6NaT3qs9  
hexLdwsBFBMfLaQ4zkH86O9yGmtTI/F2k6jLzX5tiUErKdjbnnox/WuMfj  
eOhx6fN/+urcLO4Rd0RuozgdeCcd6Qj12cZ5zUvUepNb3dzbbqRSMUT+Anl9  
667QvFZ/0YSuY7kSbiW5B9ATUWcXoXdNHpvgW51vWp7jU9VuYpLPOyCJlgBu  
HVgfb1rT8YwVpNotxeDXUVxbRsIZ7SR1kjlLcZG0j16ZB4xVt63ZnbRpHiz6  
f+5RY7xJHA+YvwzHJ5NUpNPu0J/db1Poc5py5W/d0RUW4pX3IY7eeS7toBEw  
aR8KpHB4710HgvUZ9GWK6tyVJaSGVVxkgH/GhRtfUhm0MDWNPkvtVaa2hZY  
2/1kj8ZOev61et7XTtG8N3N+t8kupriE+zKOqZxkGhKKWpbbexTOr2kliY7m  
2+cA5OevpXaza/aw6VaWltbxxOkG8SPGN7qeooTa1RnJJ7nnfmZikdeG3t8v  
oCa1NJAg8P3chl8x3G0kdvpURt0HK7RmJA0tpcui/wCqj+X/AGiTj869v8A+  
GRp0dtqF1iS6kgAG4cpx16e1aJRir9QvO9mZHxFvRqmsDSnlNtFYFZVKGQxk  
llySD90A44968y1a9S4vobeeRngEmJHBLER7Z/ISUlyjdJWRLqUFiNUSPTJ  
DJCzADlwr7mqGpv5t7loOFHA4qW0yXfmuVnjcAflwTwfakUSQrBHEdkjPu+u  
KUVbY12R1wa4sLh2eFohPGHAYfePQmnmZbwRyNnlwArY5PShq7PUwrjKj  
sUbnVZlPniJyysRx/Ko7W9uGIHlpKzCBgHpQo3ZrUnGELmztsLlbe6niSO4  
iQxyKnPmHP3vwqtqtoYNQ06MFZN26Vdp6Af1quVx3PGc3J6mgIjB/aVpBMGD  
3UheYoMkKBn/AARg8Z2NIJ4hjSyv2uY5dyuzx7CnA4xSsr3CLtudIZ/6T8LY  
l5hkwoEPvg15vNPazafN9nhl2R5wQCQGz/M1rZOZgvgujqJdCEGi2d1pbsly  
yhjE/RuORj1qh9reN1iv7Zrdx1JHB981z1YwD0dFGd1YvxRRyJujCsAAQVPW  
pCqry3Hc7uKxIFvqbNph5QZSc5PamCMqD8oyT3rJJpWBCLGd3T8KUWzLk9KI  
3Wxb2I5o440LSSKMdcms261AID5AKjOCxPb2q43lawtkc/d3Rmfy1JI53MeS  
fSo4A7sqRrukY4AHPeupQUepzt8x6F4f0WPTTrMiUYmf7zdNtJpbreTXkiTGW  
PIRJG6nFYSlzSNILjqcRfxi21S4RxsSGB+tQZDMQCMEdfSt4ttlmq0pM6bw  
3am1sHncDzZjhT0OKm0y9B8UfZs8GM/iQKxlrOxcfguWvGUe2xFzGp3KcEg/  
T9K56y1S5EojeTdkkDPWrpu6sRWW4qx0wZti54OOaY5VQS549K0vY5UuYp3E  
7OcR8LjO4iIsImDHccuQOW4xXNORfod9OIFavcmuMIsHCqO+f5VnzS5LBOCO  
9Cjb4jdeRYsrzCqvRgOnrW1b3SyABsK3t3ohOzs9jOpHmjcsXLYhAz+dZ5Xe  
eMfjXRfU5ehG5w2CRxxn1powWC9/SrS0MGtQ64J45p23OST0GRSW9ypWEPv+  
VZOsy+WuxBlicYNN6ihLudJ4Ysvs+nwDb85+9zwTXeWEWIR8uR9aTKWupaHX  
BXA9xTsZGAuT2AxUliBWL4OM/qPrSvuzxn3JoAYvJz0+gqrdtun2gH5OuOll  
CuCuch9adngx85zTEN/3uB2Jp8N0LeX5gTEeHA9Ka0DdFqSWJRmK4WRDyOOOn1

FVnvEUfecj2XAqromwjTrxtUnPfPSptHia71ZZHBMUHzYH973o5riOIJZiS2  
R+FI2c5GWJ6UjQZkcgYI/MGk3DGDJ86BChc9sjrkdaeBjp09+KBngl3AjPUD  
PPalGdxZIOB1p2RDbWhXvPmjRc4Uuuc85+YV3DDaq84GBTeiLWwKSTn8uaD2  
5zUh0HleTwRilf8A1eVHPvSDYoP3wfwPaoG69s+hNNAZeqJ+8icfQ1TyEG4n  
JB4Hb8ad+iEtDdjKdxh+xGfaplW2fmP4ikPqaKHMJJP/ANemBeOy89O1Q7rY  
OoHPQ4pOvTOKoW4dB/8AXpwOBgGiwalQk4xngdOKB67sD1NLQYZOcY+hpOSO  
v+FNALyOo+tIRkHPSiwGbfaaJSZIRtY8Y7GsbL27IXX2IIPNdilroTDOd0QD  
JjIKmtLqS2cNHhouhQnpVqzQbOzNiKZZ4t0Z+YjkelOZRxcg4qEwYh6cn+tZ9  
4onXbGVwD98ngU7XZD7IJobbJLZ5HU9P4Sa1LmVF06H7G/MvykqOVqkgb0GW  
1ultEJZec+o5NZ19eF5MZ5J4ArRjTak6XKyqUVSRkn7xx3qWFWeUqgyayloa  
rshs8bRMyN17iqiKTHsAzjzTvoLRol0uSCV4I78t9I3IZnTG8L6jtVzV30e  
PXLf/hGRcjTEhxKzt+Wl7Eb/AJuhGe3oK0ouKbUlpYzrwfKmnZ3LmMk5X5vQ  
cillyMk7fY8VfremewiW6sQSACOGA60+WFGAO0DtweQamyTNOZtaEbWrA5Qhv  
9nvUO11LJ0Y9PrWcoXN6dS+jl0Hzc9jxUpwBn1rNqz1OhWeoZxjJ6Hp61btY  
mQFnGCexNaRjZmNWVwuLqKBSXfLdl71mteS3TqkaMQf4fSrMYx6sntbAKN9w  
dx/uDoPeqN+iprUqAABogQBx0prQlvm2Ma7ZhqFs784IBH0rtrycJbqjloKs  
SrAcsaH8RKXu2lrMqI9gJJUZY+5rL8ST7QlqpJVvmkHtjNVBq5b0MCG6kjm3  
8skbZVT0Fbml6ws2oxEnbkIZP8RSbbHaMicskXxAGyNUzarkIOG9GrotP1S1  
ubQX9zhLgOVA24AIOpxrR3b20M0i1JLJO/muVJbug+X8u1ZGoaJZxOJlg2S/  
89I+o96nqU1Y5LUvDF3bBpLUm4iB42/eH4VhMpSQo4YODgqRgihp9A5tQB28  
AfKT+Na3hTQZfE3iK306LiHPmXDYOJfGCB06mpSdwauev/ErXAnhbwrFpOjs  
lr+6jMcCx8GOMD5346HHA75OR0rmdQ+IV9r1rBp0Vi1u2czyxy8SY4GB1Azz  
g+1NJ3T3JbaVtv1MdfolE6kWSNZbVGeaG4HBz2B9ay4Jniff5qbWPGHzTai9  
QhzlLm/uROEIOxQ3Cg85q7prjTNK024uV2ZnlLBxyc0lcdk2YGrX895eytLd  
FIM/KiHAX/8ArrJmuNy+XGu2P9TRJK1h9RbW3NzcQw7gsckqqzN0HPU16FqZ  
l1G1msLFUurqFvLXyEzlfaiLSZLOlhiDPLC7NG0bMJM8FSD0/pXXavo9vpnh  
myjtL77TdXD72g242r1zVtJOxN27MybW1NtZ25kJ3S3IDw4wwUMD0r3nwzre  
mapailT5juiwGjfhjsj2qW7o0Sa1Z5H8RbltR8Z6nAjEt2Slnc7OQa5l2yl  
0ZJJbcR7AetKCsmn3lk3dWLVngfbZZXGBGhbj1rlkdpJN2MBjnHpmpd3uXto  
WpWKx7Rn5R1P9KgGWv4m/wCeZBH6UIGzuNtI7PXNZm1O+sbu5VAluoRUH3WB  
xmQZkFokyZw9vPE0hZJBztHXFU276FU58sbIYI+pXMKWkaAdWT9avaP4utrK  
8Q36rPGvvyjyU6A+1aK6RnKXOzIbWrebXbhfL8mGRsRnpx/jWlbws+umRyPKQ  
AA545680m77ja7HXeErVtR+IUsybXtLCD5nHK7mwcA/hXUeOfD2naj4evrsW  
kUd/bQtJBOihW3AZAJ7g9MH17Um7pJBG3NdnleBLs6h4Du4GxvwSAeQMk074  
TafBceHlIL+ClIXc0ecBjyeR61clyalmlsu5j69ebNUulraQxyW8mArDoR2  
p9xenVbXdcxKqBQZJHA4rOKckN+5ocjJd2Ed86wTTxxh8JIOVPvXRaRqGpRk  
SWdza3oA+5cKCD+BrJwdm4miktmTXOqXjSu0ulwoSf8AlmOPfFZ0up3DkYtQ  
qg81hyu+psuQhk1S6/55RqQeneoJNUnKznLnYBydvpTUFJDC7bFFryP7SliH  
k3DcWJ7+IVNRnRmKHGU4x2roiUvaGcpqTKECI3wq7j6V33hnQxZwrcXWDOy8  
AjG0VM3yq5nHWVt4o1/Cmysn+c/6yQHOOhxUngeZG0ZrYrtaF8nHcEk1zxcg  
1DmOipJK0TL8X2pjuUIVRhuKxrSBry+S2QH9436Dk1tTd6ZFT4kzsdRmjtlV  
8N8sS/L7/SuQtZ5E1SO6PJVssB0xiiCbuOTtCyOz1XVrG+0abEuHA+4Rzye1  
c3ocAmuw5GAVlz2p0opNkVHaC7nSXEhJgZuMg8D61RkjZiZJHJ4xketFTsh0  
I9WQIXP3ODn+LpVhW2lo3E49650tdTrehFeEvblXfHOVYf8APNV042nIWMZI  
4OeK2Ubqkx5W1uX49PVMtlzM/r60MWgTLnKj+ldqccWnumMK/vWexb+0Tyoi  
MRsHINOBJVRxnGOetVFNasmcot6BjI5PSkY4xwcnqRWm5g31EXg47CnBhtwB  
g+IIS1WovBB3fL6Vzt6z3GpRQjOGI/PPrRe5cdD0fSYtsccZz8ox14rq4wYk  
AHJHND3HEd97uDTsYHJ24/utUliduHUj060EYGA1ADSFxNk+uaz2beWYg8n

1pANGV4A49ulLk4yM/iOaYugHI5A5Pcimbzu2nH4UXQCBAeRgfnmmtkck5oE  
ML7Rk9B610uh2v2fTFZhiSU72Hce1NB1NAE/w8evNIfY8d8jimUJg54PPuaU  
D1wR7igBeT94Y/GjhAWbG0DPFAHgELh03Htx708uMdfy70aEttbIK6bH2YAf  
fmTAX2DCu9kUeZg5IHTPaqloWthQLFLZ25lp3GzgY9hWaeouoKMZx1FLlp8vO  
f0pgzNkJ+Yk9+Krcs5Ynj6U1Zid7FXUk3WzMOsB6fyrGViUHY89aYLV2NPSJ  
w9r5Z/5ZkgfTNaKkA0loDL9o/wC7dOvPXFOlw2Rz9aQbCHOPWjLA8EBE+etG  
4JMbgE+3t0pSc4JPPsaQwXk+nPaZSAnncRimPcUkAjOM0HBBx1oFYXpvcjPr  
QQScilew7iYIHPSqj3Yx3KljgP196a7hsYUsc1pJggg5yGHYU+M+Zgp8ko5l  
xkEULR3Gve1HQsY5g0RKuTIIY8VrW15HPkE/vR1B6Gh2bug0tYj1CcxioGP/  
AF0zYUY6VTviYXFsmhIh83uTRo2DVlCqpGxVnJO0etWtHYeY4fHIGAEINCFv  
rvCAtgVmp/z0bjOOcdKp6aExj3LTyM8WOFX2FFpObZmPB4AB9alstK2xFIz  
STEsx+Y5PrUdrgTSK33m4X0HNK7CxBDHsmkTPGePqxVvlyehB/L3NXLUm66m  
sXAXjr1wOc09Rk8/maSVkZ8qbZMoBxknP605hgZB4PqaLjSKlxei1kRSMqT1  
z0oInScxmPkknmlduQ0rLQaYw2O+DTWV1BzgHpgmlUgmbQqaFmOJY1E0pGMf  
L71VutQJOlenr3NGyJ+JkUVjLOQ8pwpH8X3j9a044Y4ECxKoPrij07Mhu+w7  
OBjgmsbVIEesWrnOGXDDvgCm9CYrUzfFslpJrAm06FoLTYoCOcnd3P8An0rW  
tp21a/8ANbKWtuu1F9Wx1qXZ2Nlp2NMIYImLZCjij61xt7dvcO0xwXYj8F5x  
WkY2RLKduQfB49fxpis0UqSpgMp3BPU0uVt6gvdZ0FtqEuoeJ7fUJ1VGaMQ  
gAcVsWN5ajw5c2b3UcchIYrE4GGy3Y9QaaeopJ9B0FxnatuicA/3XORV631K  
KY/vwYnz94dKdmtRJ3ZcADDzFKsOzqeT9apX2k2moKRPAjn+8owwoUnF3Fa5  
y2reFntl3msJPNjTny2OG69vWvUPh9pNn4N8EPqmqMsUsiebcSt/COgUfoMe  
uKJWtdDWu547r+uXPiLxFcazcjaZTi3TP+qiG5dv17n3JPek0q/NrcidkDHA  
G3271KIZmnl7crlfzLet6la3DLJbReUzn5kHQ1hPMof94Cy7T8o9expX1211  
Wglj5kmrWYfLM0oxk9Tx/wDWr0H4sWs1hpejxXbbrqVmkYrwDgdKpStG/Yn7  
SPNpMliR909B6Ui8uAxAB71N7ItF4YCbYmGAeP8A69dBpeoy6dOI7pLvBJ5W  
2X1z61CSbZuk1FWllrR6AXlqjPJM7Gbd1LetEo1S0u7a63SpJav+6DDKj/6  
1bN3SZlSrNmjp/ieN/EEI9rFtFK5beyqNoyQBj6cV2Rn+HWtXg/0uXTJyhLM  
ZWtgrdssflLDtgkfWstY6suzSsmcPBZXF1Y389m8c1vFKzq7vtdkAzAMR6kA  
Gq9zbwQadbTvLi6JCujdACf59K0bVrxMvem72Lg8ParB4WosGFTaXLqqOH+b  
BbaMjHTNc0qrHcBJOArkOp7VPxRUo9TSLvoP86PJByy9x3+ITNAkOmw3zctd  
MdvPyhR/WnFNBOze43T3kkvkDAmPBVge/Hb3qK8jfdxIQik4+aptoU5WehBE  
/kxupy2RgZHH4VCARkyk5JHWrvdakRur3BgpHJGG7n1rf0OWU+HpzJJkmVFj  
B6/exioa3Ki+x7B8JbGC08CRT06NLdSPLM/GRg4Ck+wH61pa1qiXmb2kSh7a  
RSHbru/wpqTqe81YWyOS8MwwQ6lqlpbcKyBiF6dDWDpGvwaZpkuk6hYR3NtG  
W8tj9+M5PzKe1OTbFFJvUylykt1HJcbzEc7nHzHHb6ms7xJqbyq1labks0OM  
ngyc5yRsekUNpupdmbo0aXNylmIDkgLnvXpvw58N6d4m0i+vL1XMYkWkLy5C  
jRyKMseP95cZyPaq5W4uUdkZztdK9mzh4E1DVkS0sY5p38vzAydR1yT7dKoa  
rZaho96sF+5WV13gK+4Ef57Vy0ZqrSjUa3Nm2pcnYooSchnJY/3qdGpdmBOF  
HU9vxroS8iHfuPibzbgY424UKB2J7mo9QiVbplX73AbHNNtPSw46tnVeEtBI  
Av7teSR5cbfjzVzxLrgtAbS1KiZvvMvVRwfrirPmlaJ00YJO7OILFyHLck5  
z61veDrgQa00JOBcRkAZ4JUH/GuiUP3djC7IO7NvxTbLNY7hw0Zyeeh4rJ8L  
W4RLi9bh87Uz+INZwtGm0jefvJEGu3G8CLIIHJB/z0rIVto2g8/nWsEIEmbU  
eom8AFm5wOg7V0+i2hhsRvBDtyf8K0uvmc0ldamIJCkkZBJ6d/Wq4DQ7d4BX  
1x/OpauhwdnZCXEO1Rlp4HNVcvuAUFiQegrj5Hz7HdGdoliKyZtrXDjl5x61  
bVEjAWNR+VdclqOxx1p8zuHqSTikZSRtYDHWrk7syERdoO3hemKcAWBxgH6U  
9AjFoXBXOT1PHtSFtuAc7R1461O7KcblbnJJAwdTjgAZH196EhSsMnbbE3Of  
61meHoTd6vJIF3BPfge4pNJMavys9L02LLjsMZzitxFO0bct9KRaoHBTkgnL  
fXFOYHjkUhjSi4yNwP1owrgbuPQngUARXLskJ2fOenTOKpkcAZ6UWAb1yC2D



6Z5o4BA3H24psQYIzwQPftSH5hgEbfUipuF+g0jlyTgDueBTMhhlCrD1Vs0x  
hBF9ouooR0J546CupEoQhQpyONw6H6U0tCOo8S5/iJ/HFKGBOT09SaZQ9WTo  
c8+veng9h07DrQMUDnqB+HNvNTI8uARLkF+SBzx60IDwFWKrkemfxpzScnnB  
xxjtVdSXG5XkZjLa7uf3ykDr3FeiSD5iwPHpmiSVtC1e2oDGOST6AUo+7yuT  
6VAhQcHnr255pWzswSeP85pO4XM59pY46Hr2qu65XHfP6UloJ6jJF3qR1BHA  
P8652TKuy474NaOzJs0TaZJ5eoBGICOMD3NboOGIIoc0mjR9yzbOFkHyk8Vb  
f72QABU9CRnbpnjrzT3KuNzzwD+VOA47mgWtxDy2Pyo7k56/pQDVMj1J749  
aUE7fb6UkAe+f/rU4su3rwKYDSeB1H40cdsfzpapgQzW0c4IIxisK8spLaQm  
PJT1Hamxx0ZEerrLtEnynHDL605gVOGbZlpBRxT30Hsxz3ErXCPMcunRgKdLK  
bmZikBaVvvNnr7gU9pWE7MY8V2SvmQOVGcBRxTlw8Llmyh9KGrE3vsQyMZZO  
vBOB7UpG4YBKn2o5vlpa6FmMkwOD1AySKg4B9OOIT1ugfmLkFgcetEkbRjzs  
YQdc9abi3qF0MnQJMCvAlwx/IUMDFt3mtwpX7UXa3BJM3RyVJU5xjppTlzt7  
YHGOINmVmnoBY7goPJ54p287cn5RTaW5Kk07GFq0yTErFhgBnB459a2Jl/8A  
RrEoNoCkk460L4rmnRDZpQoOw4OePpVQyMxyxq1C+4la9xsrPlyhmLAdM9BW  
jZw2w+ZX3y9+OntWUkkN3a0LZX1wfxXrGg84bl6ellJiDnJrG1zDT2jKOcn  
n8KdrIj2Oe1Mk26N25PuDXVaUqw6dCmOWG803HVM0VuUg1q52WyQj7zk59hX  
MSMHkAtI5wPffWkSny6kSbfmHoe1JIPIPTdnBFTewOV2XreaGKz5U+eGAjf+  
761nzIzJdnofvexqbN3C9tyzaaldWoZVfzY85Cvzn1rWtdYtpvkcmFyOj/d+  
IOGjsx2XQ1LaZ4SrwuVHXA5U1rw6grLi5jIP99atrS5F77II2nVreazWG98m  
VZGikONwHY1u3mpR+Jbc219YPbWkWD5D4cOfVsdh2H41K1YpJOOpwmt+EYHu  
Z/7PI8h9+8AgID1rmb/Rr2yU+ZExUfxJyDVzs9twhNrcxZGZmJJ+YcYqMDdJ  
zWV2y7dTb0ewuNkeqhB9liiCZYf7Q5B/Cuw+Lt/Fr+paYumkzLbQSmQ9OWxx  
+INReq8hJ6nmrh9+0gg98imnABB57UtQuG8xHgVYhu5V2IWwVGR/9enYcZdz  
ofD2txWNw+9FTeGwTyAfWtERG700XlvneVpMGPIJ2euO1NNPWQmraoz7gJZz  
tJahLiMoM+auPw/+vWgy6Nf2jvaW7xSKqqZSPIDHqDVbomSvqGpeG/lkjGk6  
pb3iG33yBWKuGH8J559qxVsrz+z8S28pQH/WBCwODnrWjjFv3TNTf2tDTI8R  
alceHINHuj1+wwsrKsaAEIW3AZ7j2rBuy88zTMgDsc8fU1hOHLFRXQ0pyjLV  
D9FthdalE24IlyRgZlq9d6e/wDZsf75DFHLiNM88nniqWlrhZOV0W0snhXT  
UV4gJ5mU/NnBA7+IUJrNZtUjt2dUV5tpZjhQQc8+xxVt3Whkubm1LHjXThp8  
8M0T2nkzMQsVs+7aQOc1zkURecjeAQM/hUKzNop21GXB34SPueBXSWS1sU023  
VApC5dge3NS9EynzaWOH8HeKJYbaPwztiigDb/P3FXYE5x15rc8T6gNIEqNI  
SAMqzdSKE3YTSbsc5Y6jregl7uOFwbwZWRoywdfY1Vt44bgztqEZj8x/MLMC  
uBRytbgnG10Q+H9bsrG8kjlT7TbDIUPwSD0OPasnUybiSR1GYtxKn0XsDUu  
7WuxS0ZkLILuJxkfMBgcV3mlzXRQw2l/JpySjc3lzFA2AcZAPOauycGmZTk4  
PQp6Vc/2Pex/vpLZW/dCVomTxx6A5rY8ZeEtLsdQ01ZNUeKO6iYtJL8wyADx  
WUVCKWmiKTk5ebPN5CY7iWPIYKxXd/eUdKmt5EVSJMkkdQe1b9QI2YQn90zY  
+9JhT6Cui8Oalb64F9dg+Vn5M/xe/wCIYzkoq7Gkbmv64mmw7IAouH4AXsPW  
uClJeSSSSTc8nJJ7fSs6Udbm8tl2QwlTtz19Psp4Jmt7iCfadyOCfpmuiUVY  
5tYs9H1KNbuyIC7drpkfjWTHEIjYxwpylI5PXPvXDa10dPxJHKXxaaZrjeCv  
QEfyqm42uoJ5rrg3GKVjGVpMms4ftF15f97hsdhXcRIFRVXoq4yeM1b2MZpu  
W5LwR8vSkIDLg5IPWpGroryW+/gORGO3r7VNEiQAINcZH1qUle5bndAQew/C  
kHHSqtoQriFRzjt+VG3jnmglpXuKMKOOppv5n3pq6LewEccmhgQ3B60aXEr7  
obj5cYxSOCUOMH3ppCk29ilqswhtiV4IHTsK0PCFoIrdpFOVKllx6YqbK5Sv  
ZM9E02MLGCB/QVeKBsc8eqnGam9y0IBtyMk+57fjQTIsgMP5UDAFMcE8D8s+  
9B3Yw2SPpwKAK87ZkC5xt54P86gkx8gA54470CYFSO+f1pB0wW4+INCEJOcY  
HH601sE8kfSkguYep3N69yIra68uMA7sc5/+vUVIaJbk/Z2kyTk5OeawqVgn  
yo6lwVrm5YzXNpJ5sUmZcYy4zx6VrwaurgJeJsB6vGDgU4VLaSJIT6ovBEZP  
MjYPG3RIPB+tPTdngZ/DNdJgSgkcE4z6ipElxnPH0pFEgZRyeAO5NYF7cNNM

z9zwO/ApoGeKoR827oCDim7QrkHnPJBOfwpCTT0lpAZbmzji+8JRx07g/liv  
RnIBOGQjHGKNbWZpLa4wDK/5FPHTqfypCBeMkCIZh5WMkDuRQJ7GdLjcTULH  
HB6UWFshhAIHUVhaggS7b5chjnPpVNBfoVySsiOvJU5FdBHIHiR92QwyMUrp  
7CvZak8bMGz2rS3b4hjC+xpMroR4P4e1Jkkknj8qAQHGZGenNlccg59/akF  
wz6Hn2PSIPB5JPvTYID07cdKbyOch39qFqD0HEgnpn3pc8ccD2FDQCdzGaT  
jGSDRuAAAnoAMe9NdVdSrLkH0pDasY97YtHmSPG3uv9apRuNgjlG5T17EH/GI  
K0XccHzaMkZPLiKlt8bdTjp7U2PdbypJH8yjnOaq6IESunZmheayLiFRHGUO  
PmUdKxpJTIBg8cgjv+FVzLIJ5eotujTMOMf0Fa4iBjACgcY6Ur20E9vMrvGI  
mUryGOD7Go7ulliuByp5707Jiu+rLiqiscKOnpzUc6eZEyc4Il6dKaYpaszl  
5c3DRyHBC5Geh/8Ar1XhYL5meeuKmzWpqp16FfuxnOOBQWO4HjH0601exm2h  
zEdcD8R1qN1IB3dCOPrQrEvTU5+6IMsqqPnAxz710LuRa2ypgny8eoFHU0ve  
lwjAxxu9cVgyhvc+tVcmyW40Kjckcnp9KUqqvlePWi1xqS6E0U7hTuO5OnzV  
cUsyqwOAR0PepaSE9GKMlsHp78Vzuq3yz39vFGwCJJhj68UvMEr6My9Ujwjx  
rwMmul0zJ0y1xlh83qAKpvYpaLQxNWuA9zJIW+UHap9qzA3PHy45lxzVeYX  
W3USEfvSuBjk80wJudEY/MzgVLatdIJX0EuWPmyohwFNMGBnq3OeOOIFuVam  
i13EzgYOMnr6ioHBYnlyCQBS1TM3boWLW/urKXME3H908iugsPEdvl4W6Qws  
wPzj7tF2thaNa7m/BNFMPMt5VI4+ZDzWrZatcWshZkWZSMEH0p7gtNy3cXtt  
fyrJCflftdGXAjQJ1KNhvkHt8yGjVsWiMrUfD+n6gpaS3Cv/wA9lviNYcPh  
WOW1NjPjFuLLBBQ8MD2quo72Rv8AkCS1IsbJmS0kGWj4IzmtHX900G31awn0  
+JYtM8t47jyPlw5lwee/rUptMWvQwPFj6Np9vcadJBbyOtsflmiGDKT0JPqK  
82Awg34z60PUa0Q4Ybn0HI9/WIHylsHOaENkyLu2k478etbOg6Vqeo+edlhk  
d4OJGXOOefzPzRi27C511LXlloP7UdrcxSqjgLk7SeWx7VseG7ewh1mPT31I  
xaY87MLw7RkhQy53AgHPHNFScqUW4q5LipljxRDbSeKrwR6pbTSRFMyJhCwK  
Z528Z+IQaHeT6TP9omcXNod2233/ACE+v1pUayqxbXdocoNaPY0b4aPcW63N  
jARchdzQpGNoc9hXC3ZkkuHYB0ViQVl6GtNWyl+7pEaiSpFNcRy+W6/LnO0n  
6VTlaTy2K0dzk8k9xUtLcqM7ponuvK8yzktLiRwAGcP0Ent7Vetn+3PIXPac  
IzkfdJojytMbk07IHUreW2kNvMys0TYLA5H1qlaFUv4Gf7jNhvpSp26DIJvc  
kjiEmryKP9Wjkl/SuhuQUd1BUliBTn1xWj2Y4tGh4F1dbRdV03/hGTrjErMG  
RcsnAHJwSFzG5HTnrWn4s8Tsl7bSNokNrHLGY/JkAba/UnoO3t2rCMakVqU/  
ZuWho+EPEniGXw6l7EaZLa27GMQTIhOU9ucEc46Vg+NdRvprcHUESOQARjC7  
T7ZFaTjJaNmUHDockjOpG/BHc1MLwxIVJDbic5HH4USs1oaRdyNF8xQ5YKR  
82atW100IEqFiDjhueaFHp0FJpofqUlXqFqulmEf3gQc1Lq+s32spYxX8vmr  
alyxjGOuOfpQ6d9CVNKzM6RVZju6/wB6o2VQhOQCM/8A6qvl7jfvFIFSJbRZ  
G2xu3Ddx6muhtRvNDWSyuFEiMf3BB+6Ouf1rCor6FR7nOTyTzztNPIpCTnl  
79KWG2nkACxk8cnFOMFGNmEpe9cIW2dZBvGD1ANOaDMbKX3EnBOPWmr3sKye  
p3Gizx3ejlFbcEGw89eaxeXsoQkZAYtn6DrXNb3+U6I7HNCVv3qopCE5A7  
A1EcsVB45612qz0ZyvR3RveHrTdlJMR8xxXRqFz04pTS6GSTux2ADxkH8qXO  
ODzUGgxhj/8AVzQQQw+b6mgV3cUrySACPrTeAv3cD+VO9hO40kZ47frSnI9w  
4B/nRYFqNYN1J70EZ69z19DVXb0J0T1HbsKOoGOMkaGGNvl+ITazsW3poGOB  
yKRgMZ6GgXSxia47FxGpzyPriu38P2ot7GGJkPQEkdjULdmkmlFHYWyBYBj  
cfYcH8Km5fOXwfVu9FhrYAQoJ3L17c0q4Zs71BHagYEKcjKg+xpgAVSPMB9T  
0zQBSzlyynIPrzS9c4P48gU0SySe1uoLYXBh8yLGf3fzH8qJNOvo4BceSssT  
Lu2pyyj/AHcfyosCdyskokU7OchkdCKO/PHc8UIZzEk6m9mlxhsDJ7Vdt2wQ  
Bj3zXJUvzNHXF+6XvOjRdZsFB7ngGporml/x4PbdxmhRbVwbRJHPNbvvt5mi  
OckL0P4VsWupCQATbHbvGD/AIVrSn0ZjUjbVF2O6ti4UPsc/wALnGfxqxFN  
DM7Rxt869V6fiK3Mivqc/l2/lqf+D9KwZWAJGRz2NV0A8eQjG70JpMZYwGf  
WoV7kWuQyqvurWQH5hMoH0yOK9HkO7nYRnprmk7o1StGwDJwG79zUgGFOSGq  
SblacAcAk9aQtwdoH0xSdw8ijKN2SoGc96rt24PHrQkDGHR/AF9Ky9XTBjZQ

eWwR2NV6kmd8qjpkvmtTS5A9tt/55nH4UnHqXfm2NBeTx+ZrQtWzGRSsAp6  
88nuBTT2x0oEJ15pc8dCfWgYh6cjHtThwcdR7UCDGDkUmRjqMelCeg2KTzgc  
UZbB5/xosA3HJPb3owSeR/hRoC7inIHPA9utG3A5yfalCfFcTGewx6Hms2+0  
/exeJTux0qr30YPR3RIh3t32suD3BHFSj/VloWPHVPrSSsW9VchddwfYwyOC  
KhjheV224XaccjrVddDPZal6liBQkYy3ckdaswh5ZljRSZW4VR3oehMXzCX  
cboSJA0b46MMEUSIskQQjhh9DQrk9RsRJyuQSnGW704bgOTz6jtRdMb02Mq+  
Qx6gJFX5SufpVUYjKJpfnB7CjbQ1hZxR0NuS9tG7ngjqT09qIHYZz/Si1jF3  
5hxCkdQR+dNdSV+UZ4+tA2c9eRIZyCOSau6WzeSA5Lc9aVtTaKTg2i83zAno  
QKiAIJ7A8ZrXSxl6CLjBAxkfrQ7Z98+lLUEktgYnzY41HLe1aPG/5TgAcCoY  
5Pojl1vVcKZtbc8sPmkzz9KwYklmmj8pS7A7iMdh1p7D6EusZ8uQD5tzE89x  
9a19PujD4XTblmwVHH86fK9LD6GFPJkFME8/nVfC8qSc4xj1oRKuxY223BLH  
ginWyr9tj3chQSQetZ2ktkXFL7TIXj+cMQ2HJPF4Adx368dKt3sLSQjDkcE  
5GCTUT8fd5NEgdo2GONpyeTjOKMZVcgFckHNLRWJY+G4uLVi9vKyEdAD3ro7  
LxFNIVu4w57svUCjbVF/ErHQWepWV2g8iYF+hDcEVpQzSQN+7kYg9AxyPzpr  
Vky93RIkXEDKTMrxuBncpyKprbTag3mwSLKT91V6sKHvYSJbWeLSo2e8Gy9Z  
tkNvMu1iem7BwcVcu9CmGnRw3xkS7LeY+CCgBqrE3OM8T+GtRuLuKa1VbiFI  
9pVT8xPriuOurae3n2zwyRuOSHU0ON9UUpJfQMPc8g09U3jP8qj0LVrampo  
WITatfPb2kbSTqgZUUZLD2rpvCMviLw5cSiwUC3uXHnl492wqCCf8atRbMua  
LduhpixvLvXFItLMX8gxNOp+6V9wadDo895PLcWtm4tVYsNsf7vd3UYq0RJ6  
6HN614dIS0vr20sbgLajdKAnEY6k/lz9Kx7qyNnocV4bsbyc/ZyCGZSeo9qm  
yWr0NU5PzNvwlcQFXtLksWc7ozu4Yd1+oqjq+mXWn6tHC0kjQzDfG57DPIpT  
fVIW7ZDqkEKQvcPnlGUXNULWFjHAZOVaMyE1PMmxS02KiMfK/eA7QcjA7Vc0  
SbM15CzY8wblx6iq62Y9Ui5q9rGmmwXBkHmSE/J0w1YUhyO3ep06Djqj/pM  
e+RMt80swHuAK2rx1a4JJwHfJB7US1QRTbt0KWg+INT8Oaxc3mlzKrTDy5Fd  
Qyso6fIVbxFq93rerC6vZjlycj0A+nvU8rnNNvRGjcYxtFanZeFdS0mPTYyJ  
bVm1N7kNBcrjC8jKH8AfrmrXxUh3kTAKHUhicYznitasr3dtDnorlZ7nnAX  
CjjAbmoyvZiOKlpMt8yYY/4I8/OAHHI5OK35I1tfDxLIA+B296q75bEy1aRm  
JeTwiMEMuOgHWrbuVUDfEMcjlRnJFpX3GvHazxuS5TAzg9/wrLH7zhvqcVud  
dGUye9XfFH0PykActSxnt5rNZbqQtNtC7T0GDRJa6Epy5bDxe2aEIYMt1yR1  
NQXGrTuwEQCL3Cipak3YFZFR55JpHaR8nOOOKa7MXYWJHbPegstuo077HTe  
CbhA9xZrySodFPQ9c4qTxbbZEUwPOeh+mK5G7T1NYN2djlWYc8Y9u9NQGSVV  
UZyemOTXWtOhjJo7eztlbZUBPA5JPerO0LnBGMcZ7Um76mSTQ7sOc/rTST2  
Of5042e5bdkByWySKNwHAXA9aXKmyF7ovbpgdeBmkAyQT9MUTeVuMKnOe3oK  
McnBIF7go20EzuHOMdjQByf554p7aCWomWHAH4UgGSDnj3oCyTFwGGfTvSE  
8EfypeTHZlXrRUVdc2uCWGDwelelaZFnHB+n+NJLQb3sdAuQvC5PvQDuPzKM  
+4qTQGcfdyqt7Cj+HAVT79x9KAEIGBh2+nFR3BKREqQSeAFPNGwFcZGOf1xz  
T1AaRAzKAT+VMlm1Ym4a7LiELahMI4fqf6VobjnOeaY0Ub7S7S+y7p5U/aa  
MYb8fX8a53UdPv8AT4ZHkVri3AOJHlse47fhQBwdzcbtTEcAcgkfKR3/pWt  
ZzCbKsNrp95W4P4VjWp68xtCa+E0IsH5WGfTPNTG3hjBwxcsovY5A+IRGVIZ  
ISjd6Ckx9G/DrUqANlobOM8kHmstpaGm8S/qxMWnwwLgF34bp7/5xUEN1LHK  
Gi3My89eld/Q54RTRNeau1w2Zltpx26VRN0GOSQKL2RB5YFyMAGeme9InPIJ  
HHINNB0IpiGuLRMEgzKc+mCK9InOHAA+UCK1ZCTcokeC3RyB9KQKdozka8io  
9R9CTaMDOAPeIYZTGRntjvTugM+YYYrkfgarng1MBvt1/IVTUVZ7NyuMpz0  
ouxM58c59TV/SjsuTGcMXXOB7d6eu4LTY2RgADHB6jHSrVoxVsHIB9DmpQa3  
LD/K/wAq4PvTWODIs803qMaMYz0HpS459B9cUmCEXg4xx6in5yMHA+IjGt0  
JGM0EgtxwDRsCFzj5Sc/SgdRj8KoQYIByc/WjsCcfzqRvyAjl5AzSFiWORzS  
3EH0/CkPGQN2SKHe47FO7s47hARw49KXnjktZOTx2pu+xUWloG5WQyjCyDrx  
waarbwXHBHYd6cezJlItC0kMimRMA+vH41ftLYZhNjBU5+IN6aGaiviNvXG



W40JL6SMfvPIBHrWKSdq4GAeOaqztqTfVoclypOScmkz8v6c0tOg9TP1kbrM  
EY3A8n24qpcKmEdV46fMKL6FwsjZ01t1ghJLEFgSanKkJ64/OktEJ6u48E  
cY4pf4hgdetGwm+5z+q4NyBnpyD/AEqxpuFs6sQRuJwKabvqaRa5dDRY5XPf  
3qCQIVO3/GtEr6mbuthuAzEoOopyMZNNZhHGAOWp30GI0HWqytKXjP3Ofm6V  
LdXUtpCGkMRyenc1i77h15TnJJRLIzuBvOcn6Vs+G7VvLlnHPmHagA/On8RW  
qW5dj8GalrCXRgeKCCDEkhmzk98KMe1RTWz2OleW8EiA8IXQgN+JFax1lc7a  
HKSdGzycnP50MAXUg85J+tZzu9UWrlidcSZwMAVYtRk3M38AUAUnJuwJ31ZH  
MWMUewZCsQfcVEwH2mTaBhR09aEg5I2Z2Gvt2r1IUZ9qrEBcZ6ngmqajumNOc  
DH50glwBni9KWjBeZOsRWMSNJLAMB7e9RSy7d23756nPSiN4vUp36MjVgli2  
8qw6CtrTPEN/bJiR/OQ8YbrSdw0nodJa+JLG7xBcZhl5cdRn0rZtLC9XW4k  
0u5S3kMaFdx2jOe3vVxtLQza5GdZ9s1WHVH03VdOtdZmCeYLgRrHsGM4wRzj  
2x3ql/a9vOSszG2cHHT5RTs7BoxHiaQbo1Sdeu+JsNVOe3huAY5ljc/3bhMf  
rilsGjMLUPB2nS5kWOa1kbkPGd0dYU3g69gYyWk8Nyn93OG/Kq916ibexjmP  
UtlvxdRLc2lwowskiAggfUVe0DXrqlVXS7vmSB1IL9Tmk/dKvdaHafboYtRkb  
SLtr7TVjC3E/3TnumR6VuQXE8Olwafokklo2fNaQneoGeFx2/rUXXQS2sy14  
/nGm+GY45ZIk1PUZI4ZfJix9pUffB9tpP8u9cr4j8QRW/wAN5tFa2zd3T4VT  
HhQu8HI9wB+HWs6sJVYSjhqUrRkn18/tYZIA8ssJEctE/oc5zXUT38us6UI  
zloM0ThJQR/EPT61oqbjBJ9jKUK5NnlajcvNdXAkYAvybTzirWmEwzRsy+Zs  
wFQ9D/smnBWYNcyGa5dpeXWVt1t1j42IMCs21f7JqUchl27tp9weDSk/eLad  
jb1yDbp69mhb5c/3TXPSZY7VIOT+tS7OQtjf0eMprKrtAFtbM7A/3j0p1xvS  
3laTgKvzH69qckmrhTkYysGXDZBxz703BOSozvICjHJ9qlt7Ez0uzXsXawu9  
H85HWFJi5JUgFjgcHoTXpnxGjE+xmAllgDfL0xV1LONuxFN+8pWPHjuywJ6N  
imMdjH044qNbGzdyYKzLbW6rmWaZW2j0z0roPETFdPKbcEvgj3B4qp7WRm9J  
WOejbaVBwDnvzipCzcqQSo/Sp67FehHtZIJwSOT61BteloCevXFUdetia6E  
qL8yEDPpSIP3WzByRyOwo66CT0Hkg54wOx9falQYzgYz0zVXsDakPjU7pPlw  
ARketGCw24yOtKSvrcS1umXtCnNlr9tK3RgUB+o6Guy8QW3m2EvGTGCEOp6c  
VzVVZpm9F62PPepLqAAc/hWnolsZbzJyUHOc10p7Gc1udaOpyM55xinEsBz0  
qG7mSi4iAAD09OKTGCAFHrk9jUgKOSSOPwpPqR9KfUY0/KuTxjoBR83JGOOt  
O19SFcMqTz+dIvAHTJ+tOw73119vy47UDCnGcnsKGJPucwyuKjwQDj0zSG7j  
gWyOMjRudziYoHIAyRx7UvUpeRB4Rg3zTXZXBdsKe3FekaSh2gleaLWWhdT  
VLA/K+4e4pSVC/MMD/apFCBQxIDLn0xQcgAAIO+c0gEC7hwBn1xjmoJj++VT  
jK85B4pPUBinOceG/SrGnQGe9SM4wBuc4zx7/WqIz0YAwFUYUcADsKXafSmW  
IRjqKASOIAGRqvh3TdUk894RBeDkXESgNn39fxrINy0Pvbn/Okt0vIUJ/wBl  
tRtkA9WTV+Gaej0ZO2qKtjcwylmM8LBOuW2uPwNWGMdPuUgg+nSuSpTcXodM  
JpoljmTZtlIKeuelFtc2Z1CKBpchmx8vJH19KUbnocvdTJ9ZdW1eGBn3bBkE  
dsin/wBmXBzlxYx/wlWwx/DuK7ZLY51Oy0KM6zRg+avIP6VV3nd3zUMvdHnr  
NnqPr6ChfvE889TVbGPWxHcLuvbFc52zqW9+RXo03Mx6fSi+hUdgrdq5AwT+  
tBDEjFRcpj8OF+6B68cmkLLsORhvbtrSj6mfOMtxzk9qgbjnAJp7hsN3Y56H  
tTCNyFTyH4+IFtRaHOPH5MhDckHqaLd9lykmSCD34yMdKu3QUXrc6EDlZjgj  
INSwttYYwCKGq5oM2UB9qhU5PNIBT2JpM85K/pR5ALulwRR3PT+VDATv2x35  
60ED6UXAD047en9acMY4HI7mjQLBjGOOaMc57mhlA749DSYHpz/OqsAY+Xkd  
e2OaQnaeScn170h3GEkjjpioJ4VmQqy8/ShO4rdTDuYRFJtHOegqnFKFXb3  
3Zz360vQpXlqX5LkXJDOwJHyqB2FJATBixODFIR17Vo7MIJ3saOWdBGZSYwM  
iPdxTcEPkdfml0IYE5bgfXNOJ+XoGNNtWFsVtShJ0+UY42njt9KzGzJbn0A  
BFF9RrRXNPSiskTEeucDtV1IGflxu781L0K31GuVjGSwA9+ppnns/wDqlnb3  
b5RTJ16mBqAIN0N+M8nA6AeIX7RfLiULngULV3LWkbFx2wgz+tRKSeOoHc1d  
yfMbJINuEI3VUyAWJPIHP+NHkvw1NOMx2GmefO4BPOM9T2xXP3I1JcXPmPgc  
9PSp0YLTUouCoOOv3uf5H611sV4ZZLVocRICOEGMDHWlzK+jNbWR0Da1fWxa

SO7SYoMhHHX0rD8S+ItW1fTo4dRkjMSSeZsji2kEDg+vc1S0d0zF8stGcmUy  
jeuc/XNR7CIIr2qL9DRIYxG7aR14zS2m6NMuAVVsFccGIGKvcHK8dS94f06T  
Vb6Syt1LuFZgAe3+TwxK4F3MNvK/L+IjH9K25LxJ5lew0jgHqMdBTWGVbcuS  
B27VLSdrMHG5XKnLY/8A1/SplozI2VHy+JJu5Gt9BbmQAhY+mPz96rHBj3cm  
l8WpafcCATjkY70/BRMn9KF5idiPe8UqzIcSI28fUV6ppF5DqcN1NDMhkWBQ  
DlcfX9KFuEky1e+ILG1sZbm+v/OurdNscfBJ6YBzzVCw8RaZqES/vvKkYcx  
yJv6VfMkxKDkrmg2nzLeRkHrE2R+NW11C5K7ZhFcp2J+9R0uC3sx6XNmTIH  
ms5M9Ccqan8gzNkLb3PfMbbGFCFe7uxHRMGOUFQP4biPI/P0rMvPCumXylpL  
AJ332p6VSbQr66FGHw+dI0W7s7K+Pk3DANE64YDNaHhWSPw6DDdSNdu0gk3F  
ucDpUytuUm27Mm8c6lfXOr6ZrWnW8Utjo6ySskjll1wcjOOO341wXinxFP4  
iv4LuaOOJIVPlpH6HFYxpcjck/iLvF+qL3hXTRqeqpA93FArpyYynA2+3uaZ  
qF5b2+rTLAam0ikwwB4Y+o+ldT7HORpu5leJLXfcPewlSrlQSB+tbfgCz027  
8Txwa6sDWjqzxrPjZl4UfLzx6n8Kxq8qjeTsXBOWiRT8WWFrZ+KNXtLRFW1M  
iPasp3LtKZYA+gNclqESsqo2HKleDQ3zalWaerOhjc39miH7s0QUjPcVz9IFn  
UPLYjEfJ/ChWb0D7Nzb0py2n6tfflmkmWJSeah1CVksCCeXYLjv3/xoIHsX  
STtoZByEILGnxrO88aW0bNOMFAoyc5X86uklzlyqz5YM+i9c0y0/4VpLYTGG  
3i+yqFedtojkOMNn13HI965jxS/2nw5pVwB83k7Gbrk5qJciqSS3Lg3KnF3P  
KdWgEOrTIAVG7cMnio7G0e9uo4l1ZpJTINQuSxxnAH4UQ1QSfKjf8L6RbXXj  
5bW/LxrBatKQfIKuB3B6VR1yUyzAHpuY5PGee9VJWsRGXNJmYqAnc3DdMUuQ  
FxnjPSq0RXVtjioXAUH1x2qGZBsLAZII4Pb2qetw5lodFfok2gxTBcup5P41  
hOuWyi4B6sahfFqVytX0GSLifYOU7HHWmcq3PAFaWSd0RFaDoySMbuM569Kf  
jG4juMcUO7dkUkloRztsO7DBklIx2xXplrKL7S4ZQVZZk+U//XrnrRNmtOS  
vY86ubcxX8qLyqtgAdOfWt/R2MNUFW3L549DWkG5R0MqvuyaNjJedNka++c4  
pR9rDkgRkdx2oSstTLmfYUyzAlnt/IHUqelOS4Vjtzjh2binoPYIx26ZoH1/  
GlfQd76sMDqcnPqaa3OMcgcdKLA30FGcEHGB6GkwAcnOD1oHoxCPM5U/4GmF  
AGxnpRsTdnGbg9cY6CnEgDnOcYNO90Sk03cUZ6L+vWsrW5isQjyWcgYH1qd  
jVLqmdL4fsBa28UJ6gZJJ9a7exUJENzZU9wKba6BBt7lkcZGePU0dJnb9RUG  
g0Ag5IGPXuKU8dHyO+RgUADqepAl/wBk1TB3s7FuM8DPNFgEJH8e3b6962NB  
iKWj3DA5IPy5/u1RPU08B1/vCq08BX5owyt7HH6UFFZb64h/1q+ag9FwQKnX  
UrdwDhgO/t9aBXJo7q1lbbFOhPpnmp8Mp4oGYHiHwjo3iEF7y3MV1ji5g+SQ  
fj3/ABrhdS8G+LNCVpNGv100X/IlJxJ+XQ/hT0e4bGRbeLoLeUx+JNKnSSN  
sEBSuz3wetbeg3+h3etKy3KQwE5G/AIPoaVkiZcxoWcn2/xHcSxKJEt9vzKe  
CP612E85dw0caq4Gcd6b3B6HPXjl7t+7wc+uKyZUCMNgx+tlq5wFxC0LsjA+  
vPemKAWxngfw+IPfYzi9dSOX5b6wAzkdK49xzXo8w2se/POKGtNTRbCDAUn  
OGpozkkYGe+OSKm9gQpK44JJHr2pGJHagHqUZyPMznBHbNQHhuKaJ0G98cn3  
xTSRtl6UA3Yxr62b7Q0hKoh53Gsy9YALHCSRk8+tXFWdxcx0dIOJ9Phc+mD7  
H0qwhIPXNJ2aK6mhAxaljJyPXpTTw2O/vULQdxQSScnJ9qOmc0dQE/DpQT3I  
PFKyuanGeG496OCee3oaLgKDngdPU0oGeCf/AK9AAc59vfmlA74phsHJ6EfS  
kPXoR6YpbC3BicUmeARkGnYZEFvdefakx8nHNLyD9DPu7QS4YHDryKw5bWU3  
ogWMmQ/dA70xxbRfutu7KbXufLiLHhc5JqASExqJASo7Gqal57uyJ4ZTGee  
U47d6vJKhUMCDnoDSvcUk2hc5Plx9KkC4HXP40WM031Gz4a3kVvuleR61z5f  
bFH/ABHcV+v/ANenr0NIK6aNDSZVgE6SfUcdath5p8MsfllKejN1/Ki/UWzHx  
wxqd0gLvN7xqSaTEJLdO+OKQX01Oank8y5O7s+ME1pwt3OR60oo0d0hxBkk6  
nHY0OpKgZ2qffqa102Mne10MFucYXtkAHimyx4kw5DKBye30pvuOJQ1G9a8k  
CkbYkOVUetUgBuJP4AfyRJaGrelhOQ2SKt6XfS2N2rhty7gWz1xRyrclNp2Z  
0lfrFpK8s00aGMNukYjDBe+KxNV1a0uNbnnewik+wYCoJcbz6/hmru7aEqPvE  
P2e3uY90LbWPY9BVSZJIWakQkDkccH2NStdTTIt1EVUYFh8w+nFPVWw0bdFP  
H+NDd+hjc2fhrfxab4rae4Xcjo0JHfllHH41y13GV1y7Bz88jMoznAJJx+FXC

TuxTT0Yxgc8EjnnHemvnd89fbtQzSLIh8564I5zUrsLcFM4Yj5vUH0qdga7F  
QMSQTyKRmG4IjlepzSSDU6O50ZYNPSSaVgkjp8wRt95hXPPIZGwwwM8iqbXKJ  
LW4+zWBr61+3B/snnAz7D8xTPOPwrqNR1fQ7eWa20CGVLHjY8wzJu7/h9aIV  
NOWwOLb5rnN39yLu5ZIXYnGBnvjrVZiyvhhk5HBob5tGPVbGlp+o3toQ1tcS  
KF6rkkYroLLxbOQovbdH7Ik4P/16Emit1rub1tr2n3G1BchHbjbMKulUaMvE  
XX/agYEH8KtNPcyacWTW+o38ZCRzxXI6bZD8wq2urQbh9ts5YG/56IMCqYtx  
Td2er3K2sV2sLlPdZbk4V8fw5qvpdk11eRQR5SyOPNfewwB6ZrK+o2nbU3b3  
QNMS6f7LPbzRToVa0kkUYP8AeXA/Q1zep+B9OIVmWC6tCeN8Y3qPyFaRloQ0  
4u6MhvB95Ep/s29t7kDGFzsYD0xWpC6LqVoSLmxlVR3VSwqnFSfMh8ztaRWs  
2LzfZnzhc5DDHTkcelN1EGARRkhSwJAbtz1+tZSv1HD92ysuoXN5LIBH5zjh  
HI5VcdKx51kZX3fdPQ+vrQa2vqjU0GVn0+aFcCSFw6mqzx+Q95OOSRlc8det  
NWQnd7GrZgQeGLGMfN5xMrA/Ws7VidsKjgkFvpzWc+ZNWGnZMueH4NJvrUQX  
ZaO/87A3HCFPXNWZdCey1K4IEzYgP7tkPI9we9a8yascrUIJtkWpHXplZ7C9  
OpwLKC4t7ppY0YAj5tjcHnnpXoBDXfws0m5XlIjCv3Oe9ZwpQim07tmvOnZJ  
HneuRNJcRGJfnwRk1oaBFJHYkQqsepW9ws8V0X2IT/dHsRxVw0iOXvM04Y9Z  
1HXtQ8T2djNelYmhuHh2nbwBwMjccDkKCQMvjanc6dN4atjBCRqG8MZg3yyJ  
noR607xja+5NpN2Whirt2jqqliT/AJ9KUusdwOWzXj2FUlfVjt2Y4MpuDgkg  
gYqS+RFjyDkuQCRWctRuPUv6bL5uiTwsOV6DHbJrOOCp67e+e1S4u5cX7upE  
sbKcknBGKDG5HH6dM1rK2hmm2MVCDhgQc8CpYzkLgdDnJ/z0pSVloWpW0EZV  
yRncvXC1attWurO3SG3kKoOg6gfSs5RvGwQbUrkFtG9zflvYv8+Tz7d67SCJ  
UjVcAYHT0qldRVzOq71NSXGD0yfal+6PI456Ubi2EAyfemNHE/Eibjj8qEHU  
gfda5dcy2+OnVh/jVIWVohluCrDII5oa7B6in5hzimnnc5zStYLaXEwOCM5  
75NJzjO3vigLCscgY6ZpCMj8aauiW7oQkAUmQQO4HejVj0asx5JySD9DWHva  
71+GJU3KjbmPoMutzVXseg6TEHILYyR6V0oUlgCqpA/GpYRJMggcH8sU7HB+  
79PWkWMxg5GR7f8A1qQMSedo+vegCOFKQnAKZ6Acc1EVG1Rgfh6CgBAv2iRI  
UU7nbbgHit+5ea0iVLO383YAFQY6VRPUje5ZVD6hpskY/vRnzAPwHP6UsD2V  
2CLO7BI/hzyPwPNAwks5IzuEhJ9CM02EYJZGi3Dr2/P1pisKzWkoxNDED1yP  
I5pyIEYG3u9q55VuR+FIZdKseihvfOAaj85UxvZoj/dYZH54oGQalpen6rDs  
1TT4bpMYBZAx7HqK4PWfhZpMwaTSr+Wxc9Ek+Zaf6U79xbao5uTwj4y8PTG  
WwzcqDIXtnLZH+71qW2+luvaXcKuuafmRcBt8TRt+vGadyUr71+LxZp2pSg5  
EMshyEbr+HNWp24GOpOLOFuJfNkLE5HY+3pUlwAzKoznpTei0M72sI2/7fYq  
Bk7wAc9sjpXos3D+mOtT0L3Qz+Egc+3/ANehFwMcyjPTikO9tB+wHG44/pTS  
B/B+pxSBFGYfOc4yPzqAnv8AzoDQb646d6THzHAzTWgraFO9iMkJwM49ec1j  
SQRHdlmegyp65qkzNxbWha0GdfJkts52tlce/rWuo6c8DoaTstjWzLlq2Tg8  
ZP5VOwGDyRUh6jCcEkDGfakGcfl+dABggc8n0oOQcng0bhoJ3/pSYJPHX3oA  
fg47fQ9TQB3OKBij2pevPSjYBOM+voKCOMA4+tGrENxgYDYNJjtimgBhyOTk  
/wBKjc46jBoVgK93ceRGW25bHANZcN15cjTspebHygdjT2KSvqK0V1dI13IG  
kROr5yF+IVeCgyc5685pu/Qj1Fvikme3pUjKUCyRunPUA55o3K1SLttdBm2v  
jzPp1qUzfvMLIsDnFCfcxad7DmnlVSCdzHjCjJrnT9yQ9Cjk/nSba2LW9jT0  
w7rxVPTZ1rVLcc/d9aZMr3GFW+hpl1hIDvB2nuRx+dCQJGRJp8iRrdOy/vDw  
PbPX61PHkE4OfbvQtGdFSnKNmyYYIGPzpzFQc5JHYVdtTKySE80gZXqD2qnd  
ZETkEZPTJpuxK11Mogj1BJPJ/SmnAAA7/rWTldWsa311G54YH14pOCTxjPGR  
RrYcmmS2KhoblQPM27SM9apW4G44PLDOT/OoUnZMWiJBIVkGCRxkY75q7Dfg  
x7LIV2gZJ/8Ar1ootEXvoywltBKmYGAX2J5qJh9mP77qvKjru9JRzdTNrldi  
vocrdWkAxmWbcBj25pupxJDqMjeZ+9UY2/XvTp3bbSLdtLmfO4jZcMOeQa0/  
DthZanc3UI/dNZ2cagB8ZJbHSnHS7JntoUTEYbbakbPlzEgAZIH1Y1GmIX03I  
gkK9TKUO71Q09NSd/DupER7bVgMYye59KXS7HZqQFzHvMWWCDuw6A0NNANE9  
ifUPtjtLNchvPYdTyFHp9KwQCHO4EdsUuVpFqwqAmWOLALowQfU1f1zTJNG1



efT53V5YQpJXocjNRs9SOZKXKZ4BJHNGWPzMATnpVKzKLCvsPy98f8A16ll  
ZY9xHO35aLJBC+4jMMgg7vUVZtr27tGX7Ncug64DdKnfcFvc1oPFVyoUXsMV  
yFJ+YjBx7Vuad4msJyCZp7Q/3ZBuSrTtuKUVb3SjqF7nSkMXIkPfmYsnDBe5  
x70ye9f7QflkKu527ge2QKdr2JTsjo03t9aeWkmn217H5agtERI3T86ZBqum  
mT/WXemyHsuVX8jVcpN7mioa7UbJNO1BfSRdKn5jvSNB5P3re+tAO8LCZB+B  
pIDJ1OKwluUgMlrNKYXk3eT5UgAHQ+tYGn+F7PXfD1peXMd80m0gzWy7hn6d  
eKcZakyRUtPBsmn34I0zVYJByGguwY2OR7iuevvBfiK282X7CZ425H2dt4PN  
VOKm9A5rK7MrS4bnT9Y8u9tpYVmBjlljKgnt1pmrK66f5YJJMuznqOe9ZTg1  
ozSEIPU2J4WihhhA/dwxgHjoetY2pgteEbT8oAHsMU7NGieligyIHcjllHau  
88PTSv4csZJVjkUTHpJGfDMAwJjx6EDANQ1Fu9glqje8eeLdE1XUNMe0MI0L  
QTCZdhQqXCjHI5PHbj3q34dv7a9+Gt9HFERFFM37vPKDd61jh6U4zqya0dvy  
sTUsIFX1Od8QWdraCG4t38y0kijhJywrmZdUljt7iKAKqOwOX68dx6elbKT5  
WHLrdm14F8Sal4c8GX0tjJGQ16oWO4iZ05ABKkMMH169OIZmo6RFaxPbm4EI  
xHCJYWj6MBnKY9RmlUpKVZVZdFp8yacnFON73MeNdyKxyFYAqakC+U/zjrkc  
cdq2bW7CK6WEHyEsRkdfoKe7EkBIB54FQ2r6Dtfualf9KkQttww5z2x61Swy  
kq3944Ht2pJ66ha2qDLu7g85FG08DqT1qk7IWjdwmG1lfd8i8ZA7UzcFQgjq  
etOOq1K11E3+XIPLAGMYz6e9MJLv0x82c0Ti3qCa5bM3fDtsVSSaUHLEbOK6  
NBtUZ5/CnLRWMU3JsU5z7UA9MVncuzE+YHrnPPvSnpnNJ7kq4mcKD1FU4P8A  
R7qSFSTC43rjoD0IHtVIVtS3gCGHb+FIRk8cYqWO66CEYGcfhmgg54xxRoJ3  
YbeMAcdc0g54Y/8A1qoGrbgRknoO3BpAPmJPTtxSKb1GXLFI89Dgj0ql4SUT  
XN3enufLXcOCKPMPfC0z0DRoyqhhwvXrW/uDDB6+3ap3LVugpLKOT8vt1pSc  
cgkH8/zpDEBbocE9eeTS4HoeexpGvbjc0qxjnHJySaaST1WjYTL+hWsYnlvC  
GG0bFAGAfU1soxKg7hg+nSmCM+LXbJrp7eZ2tpN+2NZeGc/T+XrVu5tra9Uf  
aUlX0boR9D1FAXuVWsbibT1lftki/8ALCTDg+wJ5H51E03mNi5g3Hpuij4cf  
40xPQcLKOQBoriT/AHZSP500wNb8ATDvkDcDSERNdCPBiUSYPlyQc+2akGrk  
gJuGeMdxKuV/MUDvYd51pt8+NjGT0eCTIP1XpVuCe4Kffin9FzthH8jQCZll  
xFvlyYZO4YHH+FLdWVrfRBLy3guk/wCmkQcfr0oGczd/Drw5PdLcW9o9jMvl  
e3cKM/Q5FYXiDQ5tEaz2332IJZNgDLtccE9uD0q4rmdgSszz1k6D2pvSQjHo  
SfWotcl92MikaHW7CQAEeZtwe2cV6NKMOQOx6k9at2srFq9rjGkwuNjHPXA4  
pQGZSSCB7nis/MLj8ll5Yn24prDeRIVwPUc0rjsUJVAlbA/CoCBuPpTuTZ2s  
MPJpGHHXGfQ4xRsFiNngpGDwKzUtvMnaCMfM3zZNO7TsLIM+UNYX0dztwhbZJ  
jppj/ABroBuK5HIYZzjrTd+pSehYgbDAk55xV1vmTPXnioe4lsREKDGc0FiT2  
H0pjDHHi+ppMYJpbCSuwOcYz2/GIAwM80aFMXjPf2z2pQcHgZNCu0Gz0DI27  
u/0pRgjPemK4MSB8oyfyoPTrinuLcZ346+tHHOefegewwntnPvUbEFcc1GvQ  
DL1PqOpHsazVfCqPu55zT1b1KvZWJklDyPLWRkTuueKjdkRcBTnr0q7tbE8t  
9WRPIBHnoP5ikSclMZ7j1FQ0xp6WJwRInBwx4x3p8kk1uiBQQT94n0q0rhe  
3umjpwWS3Eolyx+YDqKx9QUJc3SdN2CRj1p7ojVS1H6UzfaocdWyOvt/Kt9g  
u0jr7VNtQm7oga4RJDE4YNjqBwK2IPENta+GLE2e3juEExM6MmQ4J9aOZp6A  
oppJmDqBWT95BtFsX+VA3K+39KqxHBO3g5oUILU6q8m7IsFShBAJJpr4zgDK  
njlrTc5WN4Uj+Q9KnsLEX7324BhBb7xz6/8A6qFuJySRzEUhhVieo60hA/i  
ypPlzUtrcsaR97UN2cbx35xzSHCbSCfr71F3uO6RLpS/v3jPdecds1RCP9rf  
lwcYx2ppqQXWwA85ORk8Z6U8ru+Q56ZJNW9LDi1JDo5JImDxscZ/MVegu0uA  
RMpPGM46e9RK17hy3Ra8MWcN34/0my3/ACvOzEj0EZNN8Y2tra/EPVLS5l8u  
1iZAHQZxmIP/AF5rWnJRgzkqxlzRSKWoaZCdO02ztdmrti0s0jLj5M/KMetX  
n061soYkvJNyoMiCM5yfVjVOSTaxaiyGXWPKJ+yQRxDoPlyfzqpJq942B9oO  
SM8dBWEIzblxSiT6UdW1PebSWSVo03IN3AHqartcyafEssTj7TzvzxkGj4Um  
i73diePxTcc/abeGcf7uGq2NR8O3ybLu1a1lbyoyAfUURnNOzMpwjJ6MdJ4  
XgnCzaVcpMUOVwclT9Kyde07VVv5bvU45ZpZMGSXBOcDA/ICn7ONRpoaly7m

MoG0/N1PHpSM2FyRnHTjmlZp2ZTsb0+jSWbRI3jISSMOGibOAR+IZ0zmZwqH  
G3AxmNJbii3a8SAMG6/KPenIsMM5JHP1p21Etn8I7jd1PapoXVpFjU7uuQ  
anW9y27R0LcFz9lhR9oYyZGG5xnrU8I0gZWIYEEN05OCDWiu3Yz6HWDxda3N  
4GudM8IsBPMtW2kgdzzWvb67p90Akeoqf+md5GG/DNJVNbMOS60L62sEwDR2  
e7/bsLjB+u2p7a4ubWTZa61LCC/6u/jK5/H+tXo0Zq6OJ8a6rey+LN80kfm2  
yBN0J+Rg3/1q6PwJe6db+D7b7ddXlpM7MRLCxEZP4UIFbmkpaJHXwypeRgW  
utWd8n9y7jVvwyKQ6dLFln0ZFY/8tdPuNpHuFOKV7CsjL8R20E+g3UVzc38Z  
VdyC8tgcsOmHC4/WvISyzTATrxLhh2+YHn+VZzuy4RSi2ac0h8uNJTtW5mRX  
KjO3Jx+Nat78PLqa4dtN1y1lLnIjmJjb6dK1p8tryM5yknaKO1TwB4nsopW  
k09pgBu3QNvHFV9Tnl0600e7iTDROHkhbgEqc7WFOcEtUxwIzaGzc6Td+K/E  
tm+i28dmb1jJKEGI4goXLD147etepa9Z6Vo9mYxNdaGe2ZTGAEepQD5sevPN  
Q5+zp2vuZRp+0qtroeR2tyb7SokYlo4mYLx3yR XM3MRieUEt+7bAB7+1Snc6  
n7u50jvaW3w006NJVe4nnZ5lx95Tk9fTis5523addglt2Yph1zzj/Jq5Sukj  
OCWrY29AtJmj6BXYExnC55pL9YwUkR8I7Hbzyai+mpW8iunCsGBwT+YpGYib  
cCcjpxVxt1E2kW9Jy167LkFvIb3pXjb7Q3AUZOM1LY02RqpRgMEjk801gol6  
gE/nQtRXsDbTFgHjJHXqf8KiKja2RgjGAKNVog3GIW+/3PFOiQPJg/r2qrXF  
stTsNOjCWqeW+5em7PBq6rAk9sY4FS3fYyg7bi8N2xTTxwOn5mlZotNAMjAA  
4/IS9M/40h2GsRychI6gdaqXJJvrYLycNx2HrTSFbUtMMFsqSM+IHGeOOKGJ  
Dcg8Zo4B560mhkkkcf2aJhJlz95fQVGlzXzQDuGRjHP5U3dg5LZ4700rMXR  
WKGSzCHTySDyOcdTWt4ctBBpMEajG8bjnsaC7PIR3OnLshycc9j2q+pBGNqE  
+vT8qksVRg/IBn1p5GeTHhvX1pDGgAjHB9qCwz8rEN70AVQzMXc5znpTcOxV  
VyGY4HGaaE2dAkZt7eKGMMe2R0z3NwenemClpI1eZX8qMyjgSFAWH0NRNdYr  
KwVfKudicGgNgXUYQwWZJInPoCw/MVbUrKA6kNx94UBe5C8DZLKFJP8As4/r  
Ue+SD70bhe+GGaAAzQyr+8QHtnoia3hYfKS09GwQKBFY6YiP5kMEchHPyK  
alSQwqZJIZFXsw2n86BbFVpN7GSG6WRj/Bk8D0xUsN4FbkFD32jr+FN0OY0I  
Z1kZQkkb56gDaa4zxRefb/EcNvG+YLUbuP7xBBqodWVc4CPT2kk+Y4iHJbvV  
e7tsTnY22PtckVEG2TJcruzNiR5deto0BZkIDAKP4eCT+FeluAZDgZPv0qp  
LILTvG4rHAIAxSljtBA59Kz3AiJYHvz29KUcDksDTBMo3BxKckg/nULHnrwe  
gNFtR30GY4OeDSNwPanboyLjGAI96zbqMLMjJn5jggdvekrgyS+tl5lS4lx  
sG3ZyGak02d5LNCxldRtI9KpvTUluzsX1b5sjNX4sugwDUooGTPY0wnbxbkZp  
WuAmc9M0Hg47eIMLroAOF96UHUTStZhe470OePxpD9cfSi1wFUcdj9adnHQc  
e9UG43PvSkjHUA0tgRH65/Ag0h5GM9KAE6jgL9c1Ec/XFS3YpK5Xu4w8TLj9  
OIYUyIEYNgewpPUm1nqaVhdWzwhGhi3dN0g/rUEhjutVENuy7UXPmAcE+lax  
dlqDv0JLixSQEg5bGOaxpYps8gVjniii1yYSvpIkJchwd2D1NXmuFuMGQ89B  
7VCdtDWytcl064W3aUNHuV+T9f8ACqt86T3bSR5KsmDxzkelUjOS5ncZpeVv  
FYjpn0ro2yeRxmIzocrNFF1X7b8w3AjoelNuLeQaVeKgLLKq7hhSSKuOrlXu  
mVZvnAzlW+7zV1VbOeQf0NEFaRpUvlS LuxhlyPUGmN97AGRjtWm2xlroMIJ+  
6MdcduK2fBqtLqOoxYHz2mCp9Bmlqh8t02cXbWFytsXSCUKBt+YEcAmoslj8  
3bggio1tzM6PZyhFXA8cD6Uxv7oqNHuZ6on0wMdUVRgDjtt0qtckrdkHABz+  
NNRuS7pkT8pnByQcD1pyMcNnuoxV2ZS0Q6OCSSRUQbifyFbltRxlYgAQc7j  
nrQ7N3ld2ZenSM3jq1a0OXSUFSOO3NS6kkuteLnw2Z5bzq3IBUDrnqOKNIoO  
OukjW8RahNfa1qN3M0UlzZxKs3I4VcAcbfU8muMudTluJGYtyxqW5NJsEktC  
q00mcFsn170wO2ODSuBoWwR3djZz29tJ5azgbyOpHpmq4umEQjbkKPlz2pJW  
dyrq2gJJuyQucDccdR707zFkk3bxgcjJraNNy2Mm0mTw3EkLh4JGjYHOubr6  
V1OneMbulC3v40vlf4iRyP8AGsmuR3Rr8S5Wi9caNoHiGlVpc32W5lyV4H6V  
zdxos9hqcdtfBV35MbKeGFayqKcbsyipRfKdRBd6dongu9WYsdXfP2eMpuR1  
yMf1rgkOEFEmSSfXk0VJp6RFTja93qBPzIWxuxnJprvyBySe9ZrfQ1aaQmf  
4T19TUtkCxlUcLjrihbkvYnvcKlupHQE/WI3eZEkgGWyOevfFNsi9ltqWE/d

4B6/rinYDOdo4H8qqLXUF66ktrPPAN1vO8Y65RiMHmtm28X6vbf6y4FzEuML  
MN2aiz5tDXRrUx72dr/UJrjal3ncFkUfKPPxb+D/ABDYWnh6DT5NYW0liO0x  
3EAkiPv7Vq5OC1Oa3O7I6OO3s9R+aOx0m/JH37G48h/rg077KtmRsu9d0sjv  
lhniH0lzQmpD1joZfjDVtQh8JzoNYsr+GV1iJjG2QZIHlzXnLK8MggmjxLGx  
IPXIPesmk3obxk1HUsoFn13SLWeQxRm5VpWxgoq4Of0r2m5gfVbO4t4Netbi  
KZCg3xl7pkdQQRz9RW0gjN/EZ7aZLouhYubRXNvDt+2W1wys3bLKevv1rzD  
U9D1DWYoFs4RJPFL+8QdWGeoqU9bod1HVI62j1Kw15Zbe5msxbqQiYHyMRzk  
dCPao9Ulkv7iS41Gdrq4IQgsx4Bxjheg/Cs5RT3Kp1Gnoc34dkMRubZvvo+4  
g1V11/I1qQlcRyluB6+9EVdajk+ZuxJrNiNNeGBrmOXKbsxtkYNVo7hmspoQ  
vyht6k/w45pt6iSvqxs9wXeK+IOSyYbPvxWn4g8PanoLwvqFuwinQyKyHeij  
1JHT8avl543sZzlyzUe5RRWAwBz2xUsEYktpmPTPB9BUaJmlk90WdJHl3hJx  
yOMH+fvS3u1Lk7DwTjNOO+g1qrEe8cbbehFRznadwOM9vSle+4cpU3fMRnn0z  
1qRehXkMRkGq1eomrErI3c43CrehW/n3mZAdicEY6mi/YHsdLDHHEG8pdo9B  
0qcFQBknrUt6mfKooco46bh60Ebuoxj06UC1a1AHAOMf0oJ6Doe3pQVshh5H  
Xkd6qviTUsL/AMsl5x6mjUnYsNzkKcZ/SgK2Qc8d+KLCu9klVBHzZH0puPn6  
nApXuKT1BgSflGBnrQDnnBGeuaelhrTcVepyMfjQTnl70t2VrbQw9W3T6hb2  
uergfL1ru9NhVXVAOFGATUIX2udTAhSIZP8AKpcZxyCR2zUmiAEDqOfpSbiD  
knH4UAO35+8MjtxUUzAxHY5DevXPtTAYAAqqCSQOcVc0qlvO05BCR8DJ70yd  
zVgd5WZ23IBxjjBqagojmfy4yQvJ4B6Vi6g7XEkcJVBGp3MVOCfTNBMtixbR  
qqGRnVQB99jwB9akRILjDQyK/wDujmmJE7GW1j3y3CRxj/nswC/nWHqvxC8O  
aScs9+k0i8GO2IkJNUoNlxTeiINL+lvhXWHCtdNayE4Aux5efxziuhWC4iE  
tjcRyRnoyMHU/iKti0LrZiPFJnOCGHRsjH5Vnail7PGI4lxMn8Z39fpSW4ns  
Uminj4ltJhj0TI/OplldnAKuq4/ukGruiLF2Yx2NobjlMrcR7h0NcNZrvnnc  
ks7SHr9TQvgZR0N74U0rVA02jXH2d0YgiNiYmP8An04rDh8A6tcXxW+u7a3t  
FGQ8ZMkjH0wQAB75rJKxXSxzMGlyA4tuhMkCKVSVkK5GByPxr1WR1V8Zz  
02iqbuKGw4QSHG7j/fPP5VJ5GPvPz6KM5qShQqR8+Wv1Y1BJLuBVFAJ7gUWE  
ULilrz1NQHleOaB6EYHXP4gjrTSAwwOB696YWG/w9efaoZNIuw81vMq8YcN  
0/CrVupnK9rooW16rMsE2FaNsMgHUe1LZ/ub+5t/7zB13H5iMdKVxpp7GmnX  
kZI9Kt2zg8e+KnYatclbjmm4yTwbQMztwQO2KU8HjBFACHGctTuTSsO9xwAw  
c5NAIzg5/LpSDYQkAcD6U7PoKeoDc4Pv70hlzQ2G43OQM9BRjP8A+q11uwEK  
84/iPAqEk7z6A4pu24k31GMN0bE8LjvWDeEGWQtwOwHBpXWxaV9SrD9zjOBk  
fhV3SYyJWkbCsB09e38qu91YcrKN0agDEHdyPYZNV7q1E+ML82OMCjQ5tTJe  
1mEjflWzxxTEYowDLk+hrPIS2N4yuXLSeOF13DeSM7T0H1pbe3RbgMxyGbP0  
q4uyB7k9yghOV6Kf4R1rRglMkAdSCD1psZRuUcWuojoJOMV2PhVUm0zU7dgp  
eaPYpPfloWjG43izj7PSdPslhl1Azakh2JDEMhSM9fTirP9nkHA+96YrSUI  
zXsFnbUuf8I9rEkAmtrTzkPQleaz7i1u7dis9rJGwHIZSKWj2JvrYrl2Xh4m  
2jsBzmtnRbVGv02YVnUjDNs7etKR6GFUWmupzd5rG157e3U7UkZGLc5OT0wa  
xmOCdp4zyMVnazHiKynaMegjEZ4HXqT6UMD83PXuavRbnE1fYn0tHk1aMR5J  
l79gKj1FR9tVIGQM8VK0bsN20TKRyMfN3wT605lpJZgsXLdcpn9apu70J2Vr  
m9a26W0O0cv/ABH1PtWZq+o+Uhitz8/RjntS2KtpoVPC0jxeJIJV+Z4zuyeh  
4xTrZpJLqWSKVkd7h5HJ6gZ5ojfUzb1MaWVmZ9rHBPXPX3NRA89MUixCCT39  
6Xt0oEKMbcfIU1nb/atRtrZMBriVYgSemSB/Wmldib0PSRo2i+AdOubrX0XU  
9RkfyobX+Hb1BI9Kyf8AhYlcsp8OaSllegjSAdPrWrnUUfc2MvZUqr5qm5lt5  
4T8QAQz2zaLdtwskJzGT7is3XPD17ohSScJJZyj93cxHKN+PY9KFU9ouWW47  
Oi/lr2cM8afblvMTymAEinrxnFTSyyavrNvcXM4ZOQxB+4AOc+hNLLa95o05  
k9jrfEHhU32nJqHh66+3lkXzWpPzqB12+tedPGfMKurRurYZWGCpQ03SnyqS  
50Zpv4RuS/zDr+tQj73J4PTmsk7Gqbasxx5BHv1FW7MFYXwSSzgAdjQkr6jd  
0hupyn7SEJB2LjAppAIAGblffvRsyN1qaYTjeDn+YqJhtbcuQo/XPc1dtSW0



twBO47egP0pCjMD/ABcEcChq24Ju/umpZRwMMONzRQYbHr61zk4JIOCeVBYY  
wP8A9dS5aWY4Ra1uLbII4HZJJlplxtKMR/KtSw8XeI9OwLbV7naBkJld6/lu  
WvqWpSb97Utan4t1LxMbaLU44C0DGQSRptLYHANQ6bKb+5F0q7Az5XPTNXG9  
tyZOKeh0Hh64ifx4l1fXVtAqRMI3uE3lzHHykZ9q786daX7FI0bSr1jyZNNv  
PKb6kcc/jV8+lrkOOt7GZ4ghSy02OFG1i3jknQSQXLeYhTI3bWBPOPFmrdtD  
pC6hYjSNVhl3ykndJsdca8ev4EUrpILXKfiG3XSNSU6qqNHcEIWTnd7fWuE1  
C2WTU5r22kKB2wsfVQMdBUPVotaGEnmWGtPcyp8jja2Dn8ag1Gf7e8bkfMhx  
x6fWk9HoWuUonkE9dxz0qaMGK4QtzITke9N6kJ31FtkD2MqE9CMqemM811+j  
el7aTwtqGk6y1xcmS3KQuz58onPPJ7HFVBtbhy83U5hMraDLZkUAHB6+4pd7  
JCoQ4GMnPQn2qpcrTY1oT2QeO8BIBUqTgVNqKkzIR028H+lZJxTLS00K4jYZ  
2AEH+VDI4cZ5bPHpitLJ6mN5kbW5UsxQHHQevrTFB5B4FJ6vctO+o6YuVRlc  
A7uvX0roNPhmtbbfCnmK/LIRyB6iiOxE9NDSgnimZghw69VcYarS8ryOfTrU  
E63AFQMAnI7UFeT6daa31BoULnkDimggjJX6Z7UB0lrmcQg4Usxx8o+MtID  
bxZdsu5yx/2v8KadrsJLoWMDGSSDTW4lwTS3DWKuhMnkdPSgjlzikPd3DGAM  
Dj1pCPSndA7DSM9AD7U1iApbPIHrT6WRNzK0dUvfEu48mDJzncfyr0TSoSx  
3Ed+vpSb0L2Z0CpsUZHb+HpQCCMhgWP4CoNR2T0DE+ozmk2nOQBj060Alxl7  
fh3qJmDuoBlxycdfxoAc3znLcf7px+dXbW+Eua28sbYJ+R0GcmqJNZBTRV9B  
TqCjPup/3hRWYKOM471nXcunaZbfa9QvjbwseWl4zQS1dnNat8SvDUKGC1tp  
9RZMcqAFz25zXGaj8SdYuyRYwQ2MWSMKuWA+ua2SUVqaQpp6yOV1HVdS1GQ/  
btQubgZ/jlbH061THyKAo56/Wjm0syXU1ajsDfP8sgBTtVux1LUNOIDabfXF  
qwPHlyEA+2KyT1sibSeh2ejfFXX7NUW/jt7+lce42ycfjXc6P8U/D2pYW78/  
T5D184fL/wB9CqsnqTdp2Oxs7y0v032N3DcJJOY5d+PyNOiLOobc3P4VNrF  
aM5vXLqCWV1jU7I16r3PpXO2S7UO4gZJPP1rRq0USd/e3f2OOKG1thPO3EVu  
jhPIHU88ACrELSSQq00LwOeqFgSPxFZGhBqOn2+pWbW95lgwxvXCSPpXGah4  
R1bSisnhq6kuoj9+C4IAb8DwPX0pO/QFoZTalcWtwLfVrOWxmP8Az0X5W9w3  
Q/UVcEhkjysm4dsHloQn5CYyOQQf9oULtAJOBTYkyvcoSD3qmcNjnPrigZCR  
u4AH40n8senNMYjDA4JA/nTftDxRSImBuGRkdKOpDZC7W9yircxAv6gbSD7G  
qdzELe/t5xJ5iSEoSeSOO9N6PUIpkaAyGlqaBvmHP0odjVFxyCOOQaZnJwp4  
9aiwXA/dOKYB+fpQHUOnc4pR70DY4cDgkfQUfMMnJPuTQIXjgAH8abkYPYml  
qVoG7jn9OtNHK9uexFD7oOo1uSN3PpTgTg5FMTYEbTkkce9VnIGScDvz0o6B  
a5XlcuePu/Ws7UoMIHHX09cVCV22VJ8tkinHtNs2c5znpj+VWbAIL/aTnzF/H  
itEyF1TNVA3OelOxlse1BF0Kp5G7A+nese/tGDPJES3sOtAXcJXKBBV845/n  
U8ErtliscA8HipsbN31R2nhHRGu5G1O8PIWEBwquuGlbHQZq7r+l20GZtOUI  
p5dG4xWkWYzutjktUhf/awgkF2zuKkACuo0iWKxihu+oSYlu5sAnoSaXUpX  
cTKvfDd5ofiyW7eJ5bO5JmM6AsuT1FaUGHQMRuRjwQcjNbvV3RnzaJPoatpe  
3Nmu21uAi5yU61FfXE97zdShj7rj+dRyK43O6MyaGOMMyoC3Y8GnQW3etaf  
YqyxRzRtJPJuwQB05ok1YuhUITd0ZeteCBpum6lqc95Hbou54bfOWcDv+NcN  
ES8Ss4ALLniiSg1dBFznLVD1B3Fcf0FMbJPzcYNYuyZs/dRNaXBstRiuB/C  
cHHvWrrEGkDwuL1r+b+3hLzaqo8tkL49P7vPXr2rSLtJN7GdR3ScVsc75Tyy  
eXFjcT8p6A1v2dsIvFjH7xsZahWtcV1PUqanfi3QxxHMxOM/3RXN7SScks2c  
8mpFdLQ3NBVLC4S5kG5yj4B7VjzztFK5ViMqQO3J6mmsgKGfX0pxY7iMcVlx  
c8E84+IBwfr7UAIP7wzpzUyW2tadcSHEcNzG7n0AYGmnZ3C19Ge5ibSb7xzb  
3tzHDcQXMLJYNMAytLgZ68dBWN4o8L/2rokF5daRDpOpvdrC72g+TYW28jvw  
c5ropzexzSgovm6nl+Kvh9qOj6/b6dYBtQ+1RvLGEX5gF65/So/D/iGXQZpd  
D8RQNPpkjbJbedSTCT3FEqNrTgVGrGd4TL+sWC+DPEWmX8Er3WmDNzbMfmQy  
Y+UGtK9urPxvdLf6HpdxDrSQk38ceCrLyAQM/M2T1xnHHNS6s00ktDW0HC/V  
GJpWs3eITJc2Mrg53NGcgccY9q3tRstP8XWzXdqRDqxXLYAG76j9azjKz8gl  
G8U1ucDe2s1ldNb3MZiITOQR1GeoqowHHy9TmlJNaBGVx6LvQFhtA4FX7FFI

gQMDuc7h3xng1NnoylJXsUrkefqc7DlfMIJ+ITIfkwSQF9qaTJum7j4Z2DfK  
c54Bq012mwKyjIPUdxVKVt0KSvrcZ9rjC5Cnjka1IshFk0pG1AcD3P1pSkrj  
inHYI02QNpt/IDhiVVSf89Kx5GMpbJ+YnrrnrUyd2F7MYMY3HcPfvSMPIY4AH  
bFPqG5c0KF5muhEN0uzCL7mtbQrVobZASmqnzD0buKLWJa0K1+kbF5Hwxglm  
C9M4PTHet+/nhvYrdGtm06S6XdBNECjKeM7h/KqveOo230G2EutvHNBealcX  
MdkyyKsj71IPStvdp1/pr/a7LzJ2cGNoWx8nfJ9adlHSIN8zu9AbVJ9LS3tr  
OJLm2kPILFcxmRyW7A561m6lak2bwuHi8pyVyu1w59aWttSdE9EcvrM/lxCK  
bDSldwYDgmsyzcRX8e/Dlx+YdsmpikaO3Lqzqr7TY7zRo7vTbQhEJ82QDJl7  
Vyl18skMg6Z4P1q2u4op8ug9Fw95FtwxlwSOIQEsYxnpj86SStcLpMIU9Sf4  
/wAvwqbIYc/dzRdLViiYInEVwo3ZHv71dvyxETZ+71981L11ZstHYgjkZ1I  
yc+1IWbsTn1NNXW5GhP/AAcghj936VApJkAYj1OehqHZAua9xdOtTc6hGnOE  
5OT1x04rr0jIUY+6PyFaN3SM3q9RZ7eOfAkXJH8Q4P500Q3MQxHKJAOQH4P5  
0r6WFe7HGWZSN9v07qc0gvMA5hmBx0xQlcG11AXJKgpbyNn1XFKxuplwiLEv  
qeTUtNMIltIrdljUDFmYj5mPWp2yx4P9c1XqQtG2HoM4I9qQ9OoNHoVutRrH  
AH1zxQCSTngGm1YmDu7MYCwbBBx3NKck9MfQVFi3oxSuTkdqr3Umy1Y4OfWi  
w472IPBEAm+03QADMwUfT1/GvTdMTZGCAeByc8Gm9Cre8XQeeG3Z7DmnA7iR  
s5qCwJJABHHbFLjjsuemelACEAHjaT65/kajiJJeQrjJ2hj3piYrAg9yf89a  
s2M8MnyGumWMYwhbpmml2uo1B7+tRzSblz6npQUZE8iKS0rbl0GWY8V4n49  
8TN4k1QRQEjToCVjUHG44IJ69KqPcqplJyZzSLI4PlrkY7CnGEgBSQBn15o1  
b1M3KwMYRzuLnttPApvn4bcFVSBwetF0NLuO81HA82MAjuKQlROBF1uc8BuM  
0mQ04rQa0TooYAk9KQMdpH8JGMUPVXZUSa0u7qwZJbC5ntnB4aFypFdbpnx  
L8SWkJguZlrqNhjfKDvH4561pG3UVjpdF1ZL3Tt8ysjDpkdTnvVyzdHUfMDk  
8Y5pSlzbCta53trrerHpUU95cgnaN8mzGT9AKIt7r7T88MT+QRxK3y5+g61mW  
WPwqGaZ45ESO2IIJzyVwFUepJoGNvrK11G2Nvf26XEJ/hcdPcelc4/gSwgLS  
aRcXVk2MiNpTJEfqGyf1pNXE11RgeVNDAGvMi4yVcfw9eCKfu7AYPqBTEncj  
mwVOTzWew5OQCp680uo0QnKqRjPNNI55HBpgl2B/gKikXIPTNCdmS4IHODtY  
4IHeop42MfXkHI571p6mez0L9vKJbdJBj5hzVIOuOMelZs2Lq5MR4PTjBpuR  
3wPagHsITjpmk17A8jkZPFIEH5565NHVvSi42LwB82cUvPtQFhpOAcHP1oyQ  
OwzSAafYYHt3pCe3407XAacYzkk/WkJPqTSYxGwFB/P2qm8vmNgfdoW1hx3u  
xwwucryT36VW1Fc2pPQc8Dt704rIvJGT5pXMZGwjJnHQn86uS2s9sqXkg2x4  
O056imldl6bmvHueKOQH7wz7VJt3AAc/zoRLdnawnRSR19xTAoftkelHW5MI  
fRkNzZxPbthBu7FeorCdWiuAWyrKcj060pao2p2TszvtN8fwJapa6lZbmj4j  
ZeFHviuytX03V7QLCE3t/DjcfxqYsa0Y509L9CvdR6Vp8Rj1oW8qjor7S/tX  
LXzT2wRNH05pR57SmLGVhQ/xZrZO+hja2ppXV5dWdzDlt4nkOnzWxG4P7nPS  
iOHT9RkiNs5064ySYzzE/wCPanFuKFK0tiCW3utPlnN1ZhZGwUMRyH/H1qG7  
3XUsLzRvld2SrPgLgd618zLoPi0+5v8Ae8ASGBexmm+VFH170ale6d4Y0a7v  
NPzcakYD5V3OoIjzwqj0qG+hcu9zLmjnm8ER/wBrSST396GedpTkj/Z9gPSv  
PVB4QMCFJHHtUXvGx0Rdm7DsEuSOP6mmEsW3DOP5Vm4p6sm7ZFLIAyN975x7  
1oeLljFrNuAMK8YIHvjqa0Vothq7Gja2q2qKpGX65I55qrd6sChFwZmOMZ6  
e9Rd9Ra3sjm3be5JyXPVu5pyKJJkjwS0h2gU2w20NLVHCandbl3+qj2M46c1  
iXTBmYgd+D7U3sGzK2M0vOeDUjHA4GCeKGwfqKQwOMc03jOD/wDqpiO48HXE  
OueHrnwzFzJDJGfO02d22+XKST1/z1rorHWmFnBpWo6vc2mqwMvm29180cqj  
2QQfQ4zxWkVHI8yNXJqx1sPiVreSK81vTPJme48qK7ileNUYjOTnimWMGj6z  
ca7NcafZ36S3vl+eQGJG0DHqvfmqjJrqRKCKjJn8OxXcV74OBIW1WZZbV5vv  
RA/MQD3HHFeWfab7wz4hv0sLp4bi3laHzY2xlQSP5VU1zRY6btKxPa6gt0cS  
ALLxyT/e/wDr1bWS6s7pJIZGikjzjBxXOtFYt3UvdN95LPxbaNHKBDqMa544  
x2yPXPpXF6jZTWV68NwpDKeG7EdsVekoiScZWuVppMqF+laNjHs1FcA4ig3n  
nvjpsj1HOzZTjzGCz/fY5bj1qRyTka4OOoqm7q41o7DUwqrkAegJqOVw21uR

6cVEovcE73ugtYZLm6WOMkknJ+IXdSdXK26cW8Zyue5p8qHezuNhnXowQ/eZ  
2+vWqygKeOh70cr5Qk103GEFAG7D8qu6BZRatfSW8lxHbAjKNLwrH+7TRDcu  
XzL1izabb6nd26qHiuVgTb8yntwfxrRsUaOBFH35Xxn6/wD66bS3uF3s0VNe  
torLVW0RoTc3k8kQjkjOM7iMp+v61ofEG6a08SaZZxyXbJZW52JdoFkQHjGR  
1XjihpzjZbCTUJavUp+DNRUX19FdszLIQcdTjFd1D4X8NSQmfT/EE9tcBctC  
0y7c+m0jPX0ppqKvYUIKb0ZzvixorPRVXT7lzdXsrLHKDyHU5yKzrbWrjWn+  
06jOZZ8fMxGOQMZ/SodpO5tCPLDzOTuXe6M0zdVklVfb/C12RvbGR5Cs64IX  
GQ3t9aVlcmaZoJrF1bQJbwStHBINzRA8Bs9TVO+ixGSuCGYZGehzz+BqtErl  
nm2Fthi/5JIZTx3pQqhxnhc8ipUrvYavHcAEkIO37ozigqQBhsknlx0pu3Up  
NPYiA5XPP00GtG6kH2YNNLbRgdBUNNrIRaSvqUwxDgK3Lc56UeZtPI9BirSa  
RDtsOM5O0lshePemgln5OATSWo3PojofD0GIWuW6ucKfUV/tqFAyDjueaJX2M  
b3eo9ccAdPWnEc88mgkCOvrTQSDxx9KaFcXoCMkZpASw5PHWkx2swlHFFJgn  
IA5prUe2gfMM84pqtKE85HHNFbnQSI0YAdcHn3oGQcnGe1K4MaWywCkg+gFB  
z36UgDgggnP0rN12ZYtOIAyMgcrRZ3KT1sbPg+zaHR7VHADEbjkc139pHtjx  
zk9qcmuhUdXcnPm4wUXb7jmgAf3cfUVBoIUOevT1GaAMA5JA/WgBkhKodqbj  
0qVfVUA5B77uaEJgqr90tggnJpSifcbDL3BXlqgJE+0Q/wDHreMn/TObDL/i  
PwqVtSACrf20in/npD8y/X1FAHnXxK8Wia2GjaLIXWTiacA8cHivMi0UlxGo  
ds8t6H2q9l6ml0o8pFJcSOCqtt47cVExw3r2+tJtsxeg6NcoeMjIGfalWEsC  
2QMdAT1oUXuJSUmlyuByOexphGGwvbwRaxdySKR1VIUnGPzp/wBoSQASxrnH  
UcUt3qJ7iqiSHCuF/wBljyadFbMLIEcEqzHkHIGKelroWvU7/RmBtjHAPJI  
9KerESfu2IYnjnk+1ZxTQJ3PY5LiOJl82VULnC571RFne21yHsrpGgYkyQzj  
v7MOnfiqKJxdM2ptZmJFGzeHEuWI/wB3HH51a7YHAoGJVabT7S4uFmmlLyL0  
/eNj8s4oAlureC8tzBdQrJER908Y+h7VzI34TbLvYXpBzIYphx9Nw5/nQS1c  
wri1ubbMd7bPC46k/Mp9wRWdKAW4PH0pBcrsoB459+1N4xwQfc0wvdkbcHHr  
6U09Tn8c02wsUrhfnxgHPcDpVWN9rbTz0G0/yq1dmS63JtPLKWhYYZSSo7YP  
NaAYA4OR71Pka2vqXbc5Bz+ZpzAZ9DUsoaeh2/ITfu5l60CEOT9PpS545l/x  
pB5ig+vT6UpJKjHTFAIbz3zj0NN3cgYx+llfmB5Oe1BOOuf8KG+gDSMnOTim  
khhznHTipv3HYr3TFgFGS2fxPtUcaBBIsbvzNUtWFR8qLGctwVb3HSs/VEYw  
ZOSM1a3Mb6mKAVGR94cVJcszQje5ZVB2rnp71PMr6G7TOItDps4u3y9Owp5H  
Q5A98YqlxjqnqRlcdT/AIUqgA/Ng/TpSsJ6jgOSeB65OKq3lpFOjMQM7eDV  
Ky3J95anOON0/DfLgDJ6GtjSNW1CyJazuNpHlznms56vQ6VKyIjbm6n1Cae/  
lead+d7tnt2rpNK1g31k2m3juhlUoGjYgken0obs1YWj0Lt+ZILmGSVZDYml  
J5u3lDD3q3b6bdXDLpzc4jAIZA3PNbx0WphK+6JY7vVbGCSG60K6uI93MUc  
DuCPXPb8KmNppMscd8tpqcvIH5LgWJk59W46CmroV09Spqsl/fqBdKbe2Bws  
I+RAPp3pn2+FvFh0y80yOYC1DRqo3lh7Z9GNRJWZUfeMvxxfvYWsNtKf9Nku  
jysfdz1NcAqqytjsD9aTTLje45ssTn0pshBUE/TGKIWsV6FQkFWVTlg3bmt/  
x1CVm0+bB+ZAc+nAyM1ooO/MyXLYTUb9YIVycysARjiuallaWRmf7zVMVpcb  
7je+Sc561f0SMSakJ3AKQjLcd/aobadid9Szc2LeHxcNMZNVubgIVXoiA9G  
rnrnhB65rVtNalVrMhXBUYpCeMDrWZY4bc4NISM5FAASBigEdcUAICVJZWkK  
dwcEV6AZV1vQbUeLbSWMumbXVYVYQPR/YCtIXTuiKlVn0KdxY+JtLgR7Wc6l  
pwkEyNCfMViDkbl6jscVZ/4Su9it/M0zT7mw1XeCWhibbLzyGXv60/ZNK1PZ  
kKopayVmjs9F1G+0yKHxH41uVhubiQJfkbBSExgHHb1rx7V7hbzXtSuoyTHP  
dSSJn+6WOP0ovypxbLS5nzpaEEakk4HI/IW3YX5ITZdEtwcMe3pWV+o0tdRY  
vNtpo54ZdkqfdYHn/wDVXWxfZPFVnsm2x3CrhvVfQ0cyHZtHFarpVxpOqG0v  
FGScxnsW9a0IkMcN0zYBCrEM9QTzVO3LdE25nqZT5STGcqOOaSMA4PPTkZpr  
3loXa3QSRhtllyB0Gagl5xnoO9Re7sK7S2NqwtmjhwqfvnAMhAzsUd/pVLWY  
pv8A9yMK0fygdOMDP1rVK2tyL3fYlv4Et7KyRMkFdxPv0JqpvGeccE0pSuOO  
uhHO22E579DXR+E4oBYRu20SyMwk3YOB64optR1bFJOxb1fTP7D0waY00N00



10LgSwtlDvWkkma3sgC/y9auT5tQjZNXOV1GaU64Zm3LPG6sAxOQcAirmq6l  
c6xfG/vHaSdU8sb2LYH49axUddDRuLepStA39qolnaMqPvg4rqNE1We/guXm  
VD5DBVYDrmm9txOSSMPWr6SXWAWbdGi7dueBkVtMjW29o24PAxxkUKLaJcm7  
GloUMV0ZLCQZuLhvlbHlx1pt1p0Wn6pe2cz71hUCIlg5l4qrbIpdSjNC6lyz  
DkDP/wCqn20u+LyGxvCYA/vDsKiwkluJBxNCV6Z2nP8ALNSXGDK0SDq2Qapa  
CnLoNUEIuOMj5j756fShmUDAIHpkCoerLTsrMrYZIC8eufxqXbwUyxOOeen  
tWkXfQzu0xF+YAk9eIOfDAkZAZsDrFt20lwSCGJxt5JqeGNppFjVSQxAPt70  
JW1M3eKskd5YAWdobaMBkIAOR0PsaeuAOB+dJttkxdojs9CBj2A4pFBwCZ6+  
IHQS3FI5z+FLn16DrSt2KaGbQCMZ5pR8o+bg9aA0uKcjBwOB6UjOxxnH4DFM  
NENIHQZ/POaADjC8UN6WJXcQnYM5/HPsm4PHP5UXKeogHUZpCecHoelHUhPQ  
TAHfk9eay9Uj+0yx24BwTk49sUPcpNRZ2+iW+2KNeyjFdQhIjC547cc1L3NI  
LQeA2eCKcSXB9fapNBoyo+/g9hnilO7PDHH5igClt5twsbNgDkk9DUxA3dMe  
mKaExceg2/UU/cAMbcUxCNu28ANj0PX2qs9zF8yq4EuOh7Gk2kNjtnlfjKSW  
yt5Fkt2DyNndt9+MH8a41oWIDNhBn16U07odS8VohGESv8zliTzj0pvmqB8k  
fJPU81WiRFmxhlcpyAPUAYGaYQxUk9cj3oT0Bu2g7zCrYDHAGQO1PDqQQyry  
MbInAk38xBGjR7IIHHXbPnRa/d60JAprqJzuzwRyKmgabel7eRkc4A571F3  
a5d7vU9FsQINLTftDEZJ/vUxSfNBHXPFG6EtNj2npngZ6VHKJSgEDljZ+84y  
APpTKB4kmjCzxrnoCqSDn1yKWV2jUfImkYnoOBjuc0AOBBGVOR2NMZZWYbZV  
jUHsuWI+p6UASyM9vWo8vJzG2xOxwG3e/tQBVfTY7gt9umkuAeikQB7YrJ  
1DwjazRZ0+ZraUHPz/Op9vUUEuJxuoWsunXz2l7tjIxnOfIceqmoAqKcvk+y  
07EpjHlxgIAvaosHIAPfpTumVqVpgpVi5wPpViDVowmyfTbWUlfLRmXAQf3z  
71UXZEOCZnybyLbKJBt2kjjJq+u49uaUmrjhflsTRNsYDPXirTdMmo1KSa  
GA9qT5SPb3o0K1tYQEY6YoJlyuOfcUrC2AnORSE46/pSe+g76CYPHUmkw4w  
PpQmHmBPQnH0FMOOT19qNBgTySMmkVWIIWNSAueT6VN11HFMSYlg2x/M/fPN  
Rj5k5xz6dacJLYiom9bAACcY6en8qWZQYSD0xWq3MnZHOFT5jDjO7H1prjcg  
c42nj346U+WzZtF8yubukPv00bhjYxn9as/MTwefQ1NyGtQB55IJ96QHIGR  
9AaYr9BxbgcZJpuA3bJ9u/tUrUUIY5eZQkj7uAHIwRjHPpVi3XERJ45wcdqq  
71uaxilE05oY7iwMrALt4yO+Djmk8CzNJ4vhV1z5UbKAjPOOtRJXRUEtbnZ3  
usX+na0lhAYntktw8kEiZVixzU4uNBuYRLeWNzprFuXtJmUE+uFP9Kt3Rkkn  
qWxeaclybPxvcW2eMXEkTkfhlmaia4twQ0/ja8kVu8cSKD9CqYpJq4+V2KTN  
oT3UaedqepzO4C+c+1CfXoOKzrvV9Uj1/wCzafYJb6ekmJpo1y78dM05O4ox  
tuzG+KCUPFNo0SOyC1O98HvjvXHq+dxJ46CraurolytoBk3ISF54BFLaxpPq  
trDI+2B5QJG64Tr/APWrOzRtFpnWeILDRtqRbQbUQRqm1irZVm4wwHr61vFE  
DStPT4TzwX6RQ6nEsbQPgCR2LABfUjaTx269qt1ZaSS1MZRtC7Z5hfXXnW6x  
mMCZZDI/UZwB7Vnhs57knqfalF8yTaFZrRMA7YQI+B/Oti3/ANA0Eu3+sm+b  
9egqG0yoqyMVAQV7MR0HrT3iDWbuvfr2q+hNnuUehNAORUFguCSMU7jHSgB0  
cTyhykbMEG5iozgep9KiOAcU7O1wFxnjFa2meINS0wKkFwWhGP3TjcuPTFIO  
ljZ0/wASwMLYHI025edpXmtz8uPTbWlfeJfElhp73drqdvc2qIUMyoPMBPt6  
ds1onzX1sZtWautDkNZ1q91qaKXUJ2nkjUjcxPPvj1rODZ69fWs0jVvsSI/I  
tuHpSvNIRtGAD6VTYrF62u8oYm9QM1oW089lpcpW77ZlZ26OMdD7UoxVhXk0  
zpPEUkGu6Vb3KPi4AyueGU1zFxm8c0luX3LIS5PVjjPNJTtoDKmTJKAoHJzS  
s21AABk03uTdsgmYbiBnHarGnwBnMsuTGg+b3PandXDU0LfVZo7eSKF9omJ8  
xh94gCsi+I3szKeQu0H0puyFeNzU10hLi3gQZCQgYNZjdGOO2B6Uk7jUbq6l  
ro/lBkdevpWlbSwR+HpWaKT7VgiOVW4B9xQtdGHZlnSt9ytjE0mHYZ3Mc/5F  
bXijSbjS5oba6CFIAchW3AjtQ3Z2RLfWxx9/dteaxLdSAKzsDwemBjFOeV3  
n3EDB4OKWq0LkrlZWxdMwbCj0rpfDKbNCkdQB5kxJB7gZGKI3uROyWpiXDCW  
5nJH3n+XNQNl4I0PRW4x6VeqQc1ya3mmtrmO6t5DHMHoxweR2NbE13Jq0Hnz  
ohngZU3Hgt3z9KXS4au6ZLfxR3srXRjK54YrwoNYIxaeXO6McFfmDetKzW40

7pInsQ0InJJcgBPMBJP8LetS38TQ3/l++Mr9Kdraia5lZIRsiPjGM8VCSQRt  
yARTsk9QjLUP+WmR1/SmrvDsc9alu5SjfQk6Nz6fL7e9Ozjk8fhSVxWezGYG  
QQOp5rd8M2gkuHk7L1B7mqUrXQpaRSudUF2nuB2pcfLgZ/wpXM0nsO+8R2/H  
ikxn2loB9xQeck5J9RzSY5JB6+tGwJ6C4AJJ600gqxJpDsg4xxRkbcEHj8qT  
DzAYwR/TpTMDdglS+3Sq9RNWgnkUuCO3XvSKTQ0/e4HNJ3J70txR00YOoOWI  
AOO1UrAC61uR8fLEnuR6/SqY7bs9E0iDYi5K8itMR7eMAE99uDUM0jsSeW+M  
4DL9eRTQcn5jx64pFD9rKMqBt/vUwtkfNkUAJCuWZmLNnpUnHUH+INCEHJ5O  
P0p6lsZAAHqBjNMRTu55liq9DlC1A9c1U1FI5VS0spF81jkEDDfjWc+xvSV  
5DLmxgukOn6oBMu3lCgZ+org/Enw71CBZbnS3F3ARnZzkfpUxk0VJHCT20tv  
IUljZHH8LAg0C3kY429RmtlNSMJJrcXyQoBkkX39qbiMEgPgDpx1qkiVZDfs  
7DBX5scjHJqJlwwLDg9R3FG+gW6ilf3QHUnkcU9ZHVcleM96RKSQ9ZFJCOgx  
jJlq3pywG/WQzDC5+R+D9RQ77oe+53YZ/sSoRgdeKiRvmXHHvRuh2se2duDn  
HX2pBk9VwfTOaRQkkixKzSEhV5Pyk/8A6/wqC3jQym4huZ2R+drE4/l0ATyO  
ERnYMwUZIUZNNWQywpJBt2sMjzMg4oAqG1kubzN/bxSRR8xMp4H1GeTV/wDD  
FABTJZYoQDNNHGD03sFoAoT3+m3yG02fbw3BWOluo992MD865uXwVcKzeVOr  
R5yPmJI9O1MhrW6OfvrCazIMZUuo6sAapOpP3hz6Yoas7iUuZala5QyR8ck/  
jVHyZ5FxyGyemfxq4kTdnZDLi3kSEtIrFhzuXoOavWk2+2VweTwcHmk7XLhdo  
uK5OCen1q3kmMMR+PaoNOhHzjpp6UA8c49BzzU2XQBSex/KmnGRgZ9KGIAC9  
D196M4zg8UW7hcTPX+tMJGRj8Md6YwJO3oD600njgUOwovoNdgvtg45qjLcs  
X8tAQvcjjNZu7djeKSLERyuAc00q3mHAB6is35G3LckDnbzyKcGDrtAySOhr  
eM9jjqUmYlwBHcuowSeQO9VWbdxtxkfiP/r1ot3ZIKK5VY1PD7bop16YxgN/  
StXYQ3zdKSTRnNNajWjG45OR0lp2AuPWnuTFrqMOBwo96QlwcL9amw276HPa  
ouy6kAOdpBzjOafZEOLpQM/uwy/XvTKUtCO7unkshbxt+7b04/Otz4aRB/FM  
kjcBYdv4mk1oap6Mt+lr+O38bXU0jfuUjjYDr0PNdLp9lJfWEU8OI4CSfOI  
+RQPX61Sk9jFwsrk8j2duNtqoupR1nkX5R9BVZbt4y/ngSxv95WHH/1vwq1q  
Z7biQWkMt3Hd2Ug8ullnhc5fp/D6is/Tr9Ft7vMjGQysSgHzdTxUTd1oaQ8y  
TxZ4gtNN1SC0u7feZIA+SBjoP1rmmi0PXS0dkptLkg9MAfIU3lBrsWo3XMtz  
l760nsLo210hWQcoR/EK1NL0/wApVnuEHmOvA/u81cnpZEp9zVN3FZRmebr/  
AARjqaw7zVLjUZbmS+xJJlAqFiT5a+gz0/Cko3C90znRkNtYEckg56UmchI7  
fyqrW1ErtWCGlzzJDgMXOPc1oa9KN8dtGcrEAxwO2KEktUTzNOzM5oXKCUAb  
d2OO1TE7LOQryJOOe2D1oTXUcruYy3G1yKDnrUFkkcLyYVQST3q0lRBC2bqX  
OMZRev0z600urJv0JI9XlszeJYKlILqPynXGSV54z+NZYxtAxSe40rAOCKeD  
uwMY9KQxo4ORmpEmclyAnax5GeDQAznoVwKBQA71GO/BpRwfT2pgLghTj6H0  
rZ0t45yqys25edo7gelCsCdidd44ngMrhYmbkj+AeprN8R2P2O+DRglJDnl+  
nrQkr3lIn3sZUYw49MdKa7HDZlZVqzeo7W1Q2ONp3Ean5iMcr90wiQW0AACj  
LH19Pxo5YvcVyoFOGHPA6D0qvbzZraMjO+QKffmklrqJ2aNHw383WpieNpC  
jsOKpqcCD34otbRFR4SOdHYID94e1Ryb44Dng9sHNKyRTbaOk0ONXu7YHoMf  
/Xq74quyk7EEsCwjTc2Sc9qW7CFranMXFoUIPmfKRxj1pyphcYO5RwO1U1fc  
SfUrXkJFdOwBAGMe9dZYRfZvDcCEgMEJz6880rWVyJpvQ5q3IKTCeVFfDbsH  
oR6Gp7qWlxRRxooY5YkenpQrrbYpK78ysN5VcLgYqa2k2OGJCr3Oe3tVXSWg  
tb6nTrNJppz2qqmJgoLn+HH/ANasPV3jvk1ERBSJdu4dDUP+9e4W0sVDFvsJ  
JUJCSPgDtn6VZSY3Sojnc8SY55IFaS2sEbLVkcqlEHAycZwKgxliWBz3x3qN  
LFW1GIRzj5Se4oY/KWlWmZlAxina61FpEaFySCcdP/rVl24gnA6cDsKU1tcS  
3vcjdju2Y6HGR3Ndvo1t9ns0z95uTVWVrsyl7zTNMZzx09+9HXnjBqFYG7Ds  
EfdOR6UgHBI6+hNA2IMYyfpCc/w/0oW5WiDbjr1pSVxhqG+wNJbkJOGyen  
p1pd+GwuWB9qncFJlcW44HPb/PpRngcDB/Gm1bQYnHO7ilJzx29aQWlSkEgj  
n1oyQ2OT7VViXotCOeXyLaSRs4HPSpfDFsVt1Z1zJK+cn0pFpe7c9Ds40Elw  
yHlzbVgZz7fWoNEKFUnrtHcinCMdVHXvQMQhAwzu5qKUgKSDx6UAPXiNRjG



ffNL+Cj3ANUSLkd8fjSGUZ5lx6igDLeYS3kj5ZkXhR3qtHZM1y8k+QGHBDYx  
WEnqdVOXKiKzSMTSGd3aWLoxbPFTx6shJZQ6lvVu35d6n0NHFzdwurbTNWiB  
ubVJN3SWNQD9a5XVPh+swaTTb8Z/55ScVcZ2OeUGhng74cy3rTjXt8DIRsCH  
tzyARzUPiD4Uapab5tKmS7j/ALhyHH4Y5reLs7mHvN6nB3ljfadceXeWs9vl  
mchkk81F5uJOQrqR160tdgtqKVjYEZ2nGATSNG2CUwygdRzVxVvwaVyNid2N  
vJ61a02LfdCucc+3WIJA3pc76Y+WBGDnbg5/Cmqcglse2KjYcbs9mjtYUuZ  
Z44gs0uPMcH72OBmnh1cso3ccHKkUyiC0tFsywSMtv/AAwkZCeuD15p8VzH  
PK0a71decSKV3D1GeooAmzignJyaAGNliMqs2GY4AweadwAT0HU0AMgnhuD+  
5lR8dQDyPwqm2mW9zNJJfotwW4VunHpktQLcuW0SW8CwREhIxxn0rPutQne6  
S200xvIwJyw6AdaAKdzJfxMsNxDBcMf4YV3H+Wa5XXLdVmMqY2ngjGMe1XoO  
ZPRmPHK0U0Uq8sGz8w6VuNp1lKrSXUQ82fkFPIApx1HNaXKNzoBKMsN2vl45  
Eg7fWuet4TZXJtHYNld6nrnn1okkiluSdi6uSp1HU1cgclcAA/Ws7GwpBA6  
Y9M0uTggYNTYoaSMADrTR7dfenYBCcdOtJx2J56jtQJoBwOh470gPGBTY0u4  
08cZ5ppJzycH1zU62GkrIKaUF9iH6n3pqrA9m56nrWbbjqzpsmi7CUVN5yW  
xgLTTJC7k5yc9PSP1bLitBFByxzk+ICnjn8aTtcN9DN1Mlkm4Eg9s9vas49D  
1+hraLuro55LkNDRXK3zpgksv41ukBBgg59OtaLXRGM2+o0qGOQCUFAR0y3+  
eIN9jKLE2EjkYB4pSrEgA8etJi5n2MLWVCTu6j/lmMfhVFJNgBU9Rgdvzo5b  
msZ6WsVh/qGU/LhiT6jB6/Suv+HF5axajMl3cx2kljEnmnAJJ9zSe1zZapxH  
Xmo+G9I1W8vYVbXtWnfcrygCCP8Au8fSsi48Va1f30Zup0bDgLEgKoi9OntS  
qS00Q6ME/iZ6VDaxHwxLfqYlm6U4WV3KR0OBz6965WVtVvbhH2olv2SlnDCK  
puUdzFxsK9B8/iCxso1SaJ4pox8ox39aueH9d0zxBDJDe26295tH+kKoBx6k  
UOTiaez5ldEXi46bcXlnEki3ttIPJa5GP3b46Hj6fnWL4X0J7HxJeLMd0MMS  
mNuxBzn8apyTRnG8R7iHVNHe8dA0tnM+CB0Gcfyqg95DHb+eW+Xtj+ILVFW1  
ObudRknn81vu4OxT0x7VFLdFIVYVlyxHU1aTiDjFOxUbJIUKMg5BphAHTj  
Bx7VV1Yz1R0XhLS1uYNU1SeeOGPTogUD/wAbnPAROjhe9j84Z8y5baAecZ6f  
SiKUlcT3NbWrWzstOhsPMEt4plaJDyAzuY1zd0jJFGSOCCxpWT1RTVrFSRc  
r8vWnWrQoX85Sxx8oB6Gls0wdnewj3LuoA+UZzgcAVAWOPXmk9RrRCE5U4pC  
McEc0gDcccc04lgQQOvrQAv8PPGKTqcgfjQAUCdGUAKGIzk0Z5yetAXJQcpg  
Hj+dTWM4tr+GZgSqHLBfSmF9TS1C7N8ZGbgOeFHGB6Vu2bLrnhqeFyTc2fyk  
fxbf4SB/WnZtik09jIXyHPTg4I9ajklkXseMUN9LDVlvsaNttlIGuZMbmGE  
qqG6ux5lyTRbZkpq2gscgSM5HP1/MU3RsDUbbIGFYsSfYGny6vUHPEfcN5ks  
sjgNk5x3P/16YtuWOxTg8nLfypwdk9JEM2hLLKe1V7pSXVOeaHdaldTsfCaF  
rtZyolVSSMd8enpVDxBcD+04G4Ko+/aajibVFKK5STxJqFjqKWjWEAiZCTID3  
rFRiXUH1yM+npQpOV7oLJpJJIGVsJJ2zya7K7Yx+H0U8ERYIPHU54oJk9Ucq  
AHtyufvDGav6jqbaounrLb28DWUHkmSFNplXjBf1NWm7WCcFdMaoRU/h+vem  
mSM9AM+44NNLRjtoOe6ba6JkZwPf3/Co44pJ5XjhG7b09KhR62G3yqxpafYu  
fD905UiW1m5Ru2aowktL5iDqoyQeKptN2FzaEp5jHQnPWoSnrHd17VL0VrFX  
diBy3Kr35p0q7HA4NCe1xN9BNqgbQCRjj60kjkfKeQwquRthCSSehc0m3+2a  
gq4yifMxHP513Ua4UAdB0pTVtCLJ6kh6HH+NN2/OOB+VQtheSHkgDAX+XNNL  
HBKj6U+pK0QHjjbyKTnPUfhQNu6FwSQOpNNYZbrwKB26jMDPcHNOyADgUEuy  
1GhcjAHHtRjgKeeOtPqCXM7jWByOg/WkOdoXI3E/pRLRDV7k4g9TULowY54l  
9OIZRI0ZtKF0ZutF3gjjhZg8rBSPTnrXXANb7ZiY8DEaAcddQZm4tW7HWxLh  
OBkd+KIWNmPyBnx1xUmhl0WBzGW+gziowh6qGz65oGIZHAWxDD1A5FU7uRQB  
8xySAAD3pAWIQhe2P1oYHjB2+uTzVEocvTgr9Sear38vk2buFVWPpygcZzQMy  
ojhQAxHv3qXew+8dy/Sufqza1hwMZbOwHjB9xVdLbysmCNJV64k7fSIY0jJo  
r3EErXSiVfJgYcmLoD6VaPk2iFmn3RDoCRx+NNraxbfNoidJYp4wzEj+6d3l  
+npV2PUryyUN9oWeMn7suSR+Nbl5pQadhNV1S1utOkFzPH22faQieWrDP1PT  
8K+fryxurW7l8+0eAM5YIVwBkk4H0GK1vBQd9xRjoymxOfx/SnKxQ7l45HSp

u1sTu7sk84hiJFEg44xyKv2EsMcy7Q2SeB15q2+awnqdaXLHIPJ6+tPbKxkq  
N3oKyku4J6HskxtLmUWly0fnHDeUH+Yd88VYAKqFZyxHGTTGUJf7QnvMWSz2  
0KDDDeZEpGf51ZmtxcSIbhldEOVQJjn1zmgCbNFAC7sKSc4AycDP6VnWN/wD2  
hOJraSYWhyFDw7Qx+pGRQA7UYNOuyFuzbGdOUZyNymrAukSzWe8kjjOPnwTj  
Pt3oAheFb9d0qNHHnhWAO4evtV3dhdo4A4wBQAJFtpMYTzMYBYVTuNLS7qCa  
O5iR3mHzyqoDZxjl9DQJq5xWqeDL2ziZ9PIN7H/cPDj0HvUMNxcpFHb6jp8s  
UgGFR0JA75q79jN6KzHi3mugd5CRdcE8n2qh4jg3WMUixoHt24Kjib3+tVZ  
md0ZSODgjkGrELDcMAmsXdG976k7Adev1PSmnpjPejUdxCMnkZ+hpGP1+IF  
guMwM4NO6AehFNvoMaeuScqPakbkVIDZGBPYPY1CWLNxjn36107LT0InjRj  
nBB9aYInAyBuHbHWnOHMiIT5dGEchHUBT781N8pGcZ9xWbi9DrjLQA3GAcY9  
OtlzbRz+tJKw76XMu/VpPnlZu5GPSqZwiqxOexA7Vv00OZvm3ZJp03l6rAc/  
xdPUYrq2ALtyCKdmmZzeiliAGB3Zx3NKGyecADuRVbmF7PUdk4wBz79KRiQu  
M5PrRbXQq2hh63Kkk0cUYBfHzc8YrL+4q8ZHT3pdbFxWhGgUzBefnXGR39j7  
0FVjjbb94fd7cd6et7F82o5gFPykcU3TdpGDHGMceecZ55ok702XSXvanq9  
9c6W/wALURoJbXTZWCbQ2Hb589PdQ42w8WXMA8m4iDwqxC4HO3JwK5qcPcTX  
Yt252my/PdaJ4hiME77J+qvwMelZK6Le6Bqkd9b/AOkWoPzsnJxj+VaaS0e5  
FpU5eR0niCiyfQrw2qhdyecm0dGGDx+NOu9RW38LSamed8A246Men5800tRP  
YxfA5M3hfUWIGBk5J9ea4p5/MtghyB2/+tVJXdgctStgOUzngADI7U7aCfUn  
qewrTWO5nJ6CA/dPHH4ZqJtB3Hj3pOKb0Jc1ym9ZL9l0NYnJ/ejzZFPXPYV  
FoJ+1Wd0h42sCo7gH+tFrFX0MiZnikuVJPM020k8kj696sagVaxt2zhSpGPX  
FPISJk+ZFb7NikCtICpcZXPAl9R61SkUq2SMe9JxdgUk9iInnmk3DNQWGRih  
s0AGeM044OO9MBcYU9OaQZHekGg7Hpgn+VN6nnigYuOQD0pvc4FAiRCA3l4p  
cEsQOh9qZLZPA43kYznt0Nbnhm9Gn63FJM+lbgjF/pjj9admJ26Eet2kdlrt  
1HLuCMwdFHcVXs7ZLidnAKxx/OOP0qlpoUrtXZHfTLcTkJ8sYXgDtVfJAKEd  
QDgdc+lJ+8xK0XcHYiNuh/z/ADp2nMEm3ZI2ow+uaaWoXBTyTtyxPI7YpVZI  
JDn5c5604pRG2mPjZchjnvxzVW4jcsrBSTxyBxU2lV5O53Hhwww2j7nAfZ09  
a53UV8y4ectlQvA+p6mp05tTfW2hQH8lLduc0D5WJJIAApvfQleTKJG54ww8  
UgGD05Ndj4lxHYKmfTH6cfSnd7GbWqOax+7OOi+npQUOTnuMn3ppaD5uZkgT  
JXHPP5VLBatJOY0XJz97HBpRQ5eppLpsURVrlwO2F6n2pTewwh1tlwo7ECqc  
7rQnl1u2aGk3i6ppdxpAtkjuRGxa4UnMnfkVzmkzpbIkMZdpRg5HQio20Rfl  
pXuySVQgIABHAXVR2D4JLFu/PamnJtB80x7D+8aGCuSenp60bOxC11Q1  
jjBHfp71EcsM0jjPbtVR0lqDXY63w5aGC2Mp+9JzgtXQL93ABxUzbbuY90x  
R04FCnHXmpHfoAA4IOfrShc88Z70x+o3HOTikB5PXHY9qOUNlqOxn7oxTen0  
oQlDaikknBAYD+X9aj4wMjBHQUWE5LqN5JxnAPpTupJHb0palAckf7PqeKIU  
DSFR26Y60p7GkFeVidgyHBwwHQg1BLPsYNjgdiK502ztSSKtmFv9XVyn7uEc  
46Emux0WPczMwJBPABwRW0b21OWp8VjpoPncBepOACAa2FAjQlg2qvaqEDBX  
++M1Uu4l0TegYDp7D60DM6Q5PykH8cVnndNq0MfCogLkHqTUiNFslvmzTcDJ  
B59DmqECqqgsTwOevasLzmu5HFwTsViEMYxUydi4oQ286DMeJV9uv5UxZdrE  
NIT/ALVZGiJRKrdDTw+DIWqUMIWdsEE/KfWo5La3lBDRqM9QKGrasfLqhiwN  
GMLEkmP4gxBA+IQvK11ftb3CslwAMgYI96qMrF6SdxxvGE4g0+lyBTjJOKkk  
ltL0GK9iSXHykMo3D8aG+qG6bsc3qfg3Q72Vo7G4NvcEfcYfywK5XU/A+q2T  
bo4vPiA+8nNUpNMwlduc1NBLDKyyxshzjawlOa2PDdn588kzDEcSjGO56Vpf  
QjRanQxjJySQe2BVjazBe4z+NEtETp0PTdRTTZ70eTPi5klEjRsWx06nt9Ku  
zTNp8S7Zp73y1w6cE4PRiQPr9aroHUIsdTgv2ljjV1eljcrDpVzHFiyVR1DU  
4rJhGqedcEj92Gxj3PtRuD0LklIMKNMB5hGTt6CkmXzomjLDDcHK7gR6YoAg  
lTrKG1w1tGsSn5Qqc59qgtNNt1nW5lzcKepwSvtQl0SSetFAwooAAcdKhvLW  
G+tzDcoGXqCexoE1cyD4YtzEQLqUy5JQ4AUe2PSuVu2itreU3qPHkFQpPU1p  
FmM4WovsiPKCnqpP4e1XUySCOMdKiW5pFaWRaJJjHI/CmHA9PxHFRuykKe20

ZA6Uh7549qoGMJyeQOKG+7ggEmla4J6ajWPHTmmM5OVzk0N2RSV2RsSSQo+X  
NMJGPT1ogurJm0g+Y8Dn2py7Izj6HvVvUxi2th+Ucnci7famGFIXEZIHfPFZ  
yjc1jNxlWVvhyQeO9NAMj/IctxhR/Oo5ejN1UuiWeLlLauvrySKwJACvGcnrj1  
rXlcUYJ3kyshYOSiHAB49Tz0ruGIYK4VfmANNsck7Ee4jPy5GetSL9znBJ69  
qe6Md3olcDAXr+tZmqXotcKuWIY8EdqRS3sc8shMyu/Uv83qc8U9FJgBI+7K  
c1Xup3L1blpcl5Yk4UkgU5wWdQncU733KlqkNfAZm7dB9MVSZpQztEQHA4z0  
qG7RLg/eR6ZrWqWmseEdl0TTHVpleOS4bGFiVTk/iTVHUfCEczmTTLtY3Jzh  
2A3Gs6U1yKLVia0HztpmHd+FdatWJWxZ1HdOc0/T73W9OPlyWc7RkZKOpz9B  
WsoOSvFkxrpPlkjo4783NuyPFJESildrjaeawPH17Ha6fY6TC2FRfMcD2xis  
o3W5po9jTWPDvW1LS/JdXSnCdyWP8ua85PyALyQOp74rSCsZy8hQyjk8D+HJ  
oZllxz1yfsq1bluoKzB2BIA78/WnW6B7jZJyuQTj61clZDWuxf1m4/ghYkN8  
pPqKh0K48m8KHIjcAYrFp9S0Ra8pi1GRV9AQw6UyT95aW8GM7Ubj1rTIT3Me  
a19S3Jd2v/CKeXcmSfvt6/Z5N3ywxg/dl+neqEypIlgK42nnpinfndrWDlcU2  
2UXiZCc9KiIPFZvR2NVqhWGRnHvTTwc9qQbCnjGRRTEHPelzyBSGKp2k/rXU  
6T4QvNSsUuyyQxSgNHuHJFNWWRB6D73wZqECs9v5c+OcdD9K52e0ktpk8bR  
y4+6644rRcsloZ3akQshTlgck8Ghc5wDxnNQ9rF+gLIW3YPB61ZkdmgPlnLL  
8ynHIPahNC1udLr0Y1NNHuw4Aniw5Jx0HNWl9Fu00+2e2hkuEuXcKsSI3YKM  
k4HOBV2i3yoz1juc2to/2qRGBUK2DkYwfT6inNYy722qTt5444pqLTK5l1K8  
8bpCWZcYP0/yaLZf3jKeScn8hUzVhp9RmSDk8Hoe1DhKgn1x9aSva4207DJX  
MKsQ2SO/rXQpCE0m1V1w7AOQeufemmJ6EpXNvu747VUuoVFkbj+IMEOO+acl  
qO75bGel9yHaQaY0W6By+QdufrSVrWdfVleyTzNTliON4yP1rp/E7jzguDg  
Zz71NugN+9qYSDA9Qw6Vc0xA1yU2kxSKVGe1XFXdxVGkieG0jtyDcneR1AqW  
a9hjR44EXnpg45rN6DW2pnNPLIAz5G3n6+1LGAc5GByeveqtGw2nLYv+H7hb  
TxXYlxcSBo2Ge+Ov0qrf2n2PWJ0AI2Tnl9iP5c1KfLld1FaiXQUs21sdenW  
s9kJOB0zjlq1dN6Ci763JNjxKgYDaR1NR7cYw2exPp70R32Cz6MCGzgcHr6  
1YtLc3FxDEq7i7c4HGKbWtxN2Wp30MliRUTGwDAqbHOF/His3voZCAMCAOne  
nDZjnP8AjTfYIjWwxz/Kmg5fC4K0tAuxeeowR79qXA6kZx0FFyr6Bng8Hn9K  
YB2BzRYXSwNngnaePYmjAxyc0bMVroaVwTtzn2oBwwyOtNjirCnHHH05qSSz8  
6JWKtHlo+8hrOauj705Tc3URGZFIUnGR1qaQSmHEiLgD71Z2OrmvoO8NW2  
2zd2wC7Ek/jXX6MpWPkcLxnGK1Wxyz1Z0On/ALy4APIHJlrV6mmAUyYgW8m4  
4BGDg4oGYExRsemO2Tk/nVHTIzLdXc5fjcfAxnlxS6iexp4UdMAe5puCeDyP  
TFMRU1aXyblqDh5TtCtWbGu1QqA8dQOazmax0Q9WKsSMg9velaVXXEql/uRg  
1mi7ERt42/1ExT/Zk/xpGWaDHmRsB/eByKT0GmKkm7kHI+tPDAjKnB9+aFdA  
yQOcc9KR2yhKqN2OD3pije5n2ds7RPulkidzxx8xH1qYwrZQO0CtJMwwWPNJ  
dmbuprZEVjBH99jidu3pU6X7LMY1hc7epx1/CnLXYH7zHXNrYalFi4tYnzwS  
EANZX/CMQW8bDTnCRk5CZog+5g49jMlsp7diJlmAz1xkURRlp4x0y2MdvRW0  
3pcx5bHrcVmsDOkljtn+9GF5YkeualLVbQJBZRxQ23LOB1z/XPrVAPikhTd  
a2o2tEANmw7Vzz16GpJWSJd8j7P9rGaAILbUbG7naC2ukkkA5UZB/D/61Z13  
pyWR8xJd248CQ5c/401oxMW0jeAi4MUrBzxcg5Uf4VqNdRE7YyXfspBXP4kUM  
EQx2t1/aAurm8DRqD5dukYAXPUk9SauZz3zSGFFABRQAUUAFVbjTrC5LNcWq  
SM3UkUJ2E0nucbq/gyRLiWTSE+Q/N5T/ANDXL3UNzYyLFqFvJbO33S6lQ300  
Kv4tTJScNGWoTuHDduvamMuDxWfmabigDr0PSkOe44osN+Q3lJxgYprHjnAP  
sKdhoYfl6d6iLZyF5Pcis370tC/hjcYSM4JpQo6FcitbNHNe+oFTnK8inYOO  
GK+44oGyRVCAbOmKXkjr0HrQt7sSulqOIULu60kcQUAooJ+tlq9h0i70lwM/  
oK5mdCs0ik8g9B6UNsILUz2l3IR1WuysZBPpsMhJJl2/SnK10ynrGyJQMDml  
XjJzkUPUUhLUraherZw7yB5jH5V9a5SSeSadmlOSeMiqQ2mtUN3YXcRuINWE/  
1VwU+bBDYzzmptc0bK0u07m7MKWJgYyhOGB4PtTb0sx2VhOQSCc9hUJwZVXG  
c9cipaW6J1NnSNQWwh8xYw6kbWzwb/8AWq/pOqSB76e7ZVlljCqH5CAf3fc+



tS46mkHFq7NTw1rOr380kZk82GEAEyHBye34V0zJcFMyyIp9jmkuwSs3oUJY  
/Kfzo1M84+7noPeuasfDML3qyavr05aMMWkRhySOgH+FaKPUycraGL401869  
q2yLctnakiMHjJxg8dsVzTMdvP4nHSqirbilOSYcEjl4Pb2p7sN528ZPH0qX  
dvQVkdKFU+gGRVizkgQnzCQTgimpORaK94T521W3KPU89agDtCQwH3e/riqk  
k9Bapl/XpBcGJ4+FVBn8u/vTYVeSa3EalgtqWbA6A9z6VcYuxDa1I47Uyx5x  
weMvbi09VOWknA69qiStuVurGnnpnhqTWtSgsbYqJZieWOFUKMk/IVPxF4Tn0  
7xDd2Fk5uVt9i7sjYrul/CnBQkrPczlB+Rz9zaT2rLmGSJgOjqRVc9aiU  
XF2ZpFqSuKBxk/8A66Q/hikV0DB28daUZGc8elACsCVI/iNeveF7tL3wlp8k  
RwYo/KdV7EEjms57FrVF5iehGapajp9rqNsYbqFWHZsYI/Gs4vICSueea9o9  
xpNwqSZkhk/1UmOvGcGsgn5sHqPSuhNMzs0gbLA/3em6pVLGI4JHb6e9MEmb  
scbXvg2xjX78d0y9cYXPP6Vv+G7+Gx1K2c6jZvFMYY5AN6qhXBO09cmnLIU  
bk6ydkR+l47Ozme5+0C5nupmZiYbXLH+MjtnrWA9/LbXbQSBWJAIYc7qcpOW  
qGo2jZkNxfLdQfZygVpHB49qp2mBcF3b92rUovrJCIDojVMVhMceYVzxt7  
Pt2wEkU56DoaS1Y7OKWhRm03zLuOEYIJbnpFaly/mXLbRwpwOetXzR2E11Z  
NL8sS7cLkdMcVQvcvoqeSCT52Tjrip1k9B35SvNaSW8aSKhO7kBRwD71VIDy  
uEd1TJxlzhR9aqXuq9jOL3khfDw83xJag8YDHB+la2sTZ1do5QGjddg7nNT0  
1ctXlitoYltpkO+QZ+n4Usl9FGCEHHoKV3sVyrdf5pJnJzjnpmmISo+bHP  
6UNWSFe7shzby+APmHJH4VLIQQSScYHf/61VJpJDvyjJNyoro2DCd649fS  
tLXGwa+juEJCzKGI9TjpUt6kptlO5TMzAgDP5VVK8fKPowqovdFra7lyxKbX  
PANICACWGMntRdvQL6XEBYcccdq3/CtuZJJZ3GNpwPXpVu6RjK9jqhAOD+F  
Px0IzjvnrWILQXJPc0gwc56+ooYt+ohyOOINwQp7etFxFJNCrKAAjP1pwGfu/  
l0osXZ9RmDnA9aQknkfxrTJW43g/wAs0vbnBxQx6XuB54FM4J5zilqJtdBe  
e3apFuHXKBiR6USVyoysMdlSDiMKT3HrVW4Z7az2q27ccBc5rNxfQ64VU17  
xt6fE8drHEQQB1x1NdBY2qNySSfTdjFWc13c3dKt5I7ppAWaMJtbLYrXoLQV  
WvpNkSgGXJ5Knrj1oGc3qd2lbd5M4K9h3NT6VGE0yJpcb5MuvHGKQnsTuqA5  
B3dzo+IJ2459M9KYjFv5PtGohF/1UI6H1NKFGPmYYHvisZb6Gy0jqNmQxsA  
ZAdwyPpTMnOQx/E1D8ylqJtJ57fzqVGF4JA9DRqNiNHDIfnDK3qvA/EUxoZ  
xkwskw9ecih6ilxOQcOGVvRuP51IJMckj8KLFboeGzznlpwbGccH69aXUQE5  
6qN3rjm7wTKjLEyknoXONtMqMrMcZJIAsroz+gP3v/AK9VYRNJN585KD+7  
VJWWpV0rssPOdv7xgR6HkVk2arPqaOqqibsYxwaWtjGWx6vSMGK4V9vPpmug  
yl5pl7dWnmlMcY+9kZBPaqUPIXqTu5kS1U/LGBjHHXjn3oEUTYQXHzaOGZej  
uSVXPsT1/CrI02a1Qym787++XXkfQ07gFjcvfSNEL7YE48vYFY+474q5aWbQ  
u0lxMZ5SfIPI2j060AW6KQxKWgAooAKKACigAyR0NQ3drb31uYL2BJ4jztcZ  
x7j0e0mrM5jUPBaGZptKuRAD/yxkHyjr0PX+dc3qmm3+ksv2+JQRHCvG2VN  
P4jOzh6FPgjHP48UhyMccUimxDjvPtUTftwx0pXsUtXoD/LAZCwA6AnvVbB  
BJB//XRBWYqqb0Hhc85BNCg9jye+atmFmrChckjGD05p6oygjhs846mjQE5X  
BVfncO/HHSpVUk4zx2x3oKuPPHQZJ4wKULgkDt/nikUIQwHJ+ma5zUI9t85P  
lIpprqSruWhlyZEjAY5x+VdL4dkzpliU58tj+WaTS0ubp3g7GkBkA8gdgahu  
7hLSEyyZC/zNH0Y3scpc3Et3I0sjgH+EDoBVYcMcyj8cVUXuaXvsOPDMoOOHh  
rU0ByX448vdz0+IT1sVze6VQ4K4Ppt6mh/l+YevQVTjYbatcVzlgAeoqCXlc  
EHtt9qWi0JIK6uXFJFgwfGM4PoaUOWby85PXPtTflsTDe7Hy3RgtYo7Wdo3Z  
iXKtGk1r6Fq9xHbRtLPku5A3nOMVIOK3tqdCndWJB4yu3vRbuqpbIB3x823  
1FbF5410q1JNpby3cy/dLD5c+tEOZeZMoxktDzacyT3U926qkk8pcqpwq+wq  
Mwt8oyMnrz1reV3qzNcttAMLAEnrnC89qQHDjlw3XPt60/iRmmlp1EXbjcRj  
HrU8GnXE1pLdKhW3iXc8hHSo1YOSRTyGAJ7jihgCCAOR2NK7SKun1LUSNeW7  
QL98qQCeOa7Jra3bT7KKztglwLXy7I4sncPenGTRNRO2hmavq0MlPbWVrbwl  
IMgyKuGP41lm4kdi4IGBSIJ9TenGKVjSstQuLcRtbTyQSQ2VkjYqzwzcEdsV  
1em3FqqDz4seQSzSodzZI+8SeprOPxOQ5w0sUPFAuJYYBdSW91ayk7QMb1Fc

7Y+DLnX4pZvDxSWWM/PbSOEYDpkE8VtG0t3oYO8Vdl5a4gltrue0uYjHcQSG  
ORD1VgcEfmKjC9CelFSDhJocZKSTQEYzilHHX0rMoCDuBHOa6Hwlrh0i7aOT  
JtJeHX00OoqJx50XTdnqejJOk8YkhhDoe+eINZjk9/wrJRKbsUtSsl1TT5rO  
ZQN6/I3dW9a8sYFWlcyEg/UHFdFN6WM5dxScgrnr+IWE2pzSQW20zBdwVj  
jl7496uKmpSa3Lt1KNOsI7SPhyTuxyAfU+9ULaVImRAeGbrnkHtilaz1NIJW  
sma3iWKT7DZXMsqtNJIY2APPA61iqQRuOSAeh7VT+HRmTk27CwBWv+owiEj/  
ABpjZjhQHA3ZOO+am8nvsNO+jlm5Xk8EY/CnCR+CXIx3HGKOhSlbqafh8N/p  
F3lxIX92pJ7mtCAeY4LDH97A4zVJWsZuV3uTXUpyoIP1xwKqXNz9is7J1G7d  
lxKnoeOtSr30BtPckTxCrg5hXAOMVV8R32n3cWntYwmKVd3m+jA9D9aT5loW  
0tLMi8LoD4kLH5tkbcgUarKH1aZv7pA4/nSs9Bp+Y1JDMQBkgDt1x61M9shJ  
HH1HetFtoRjtMhZVRgpB57jtSsoZcN97OQfwoswukwelqBxw3U+tC8EFQDt6  
E9/pS5tNC7JsfDRyR4zuU9KWbzJdPgXnzNuM+nNVHVESve5a1I1NxC0SmPE  
Y3Bhjms5QdjEgY6DBwaLcmo942K5OWYLkk0rZzx9SB60uayKg900N+ZvITAZ  
uAfeU90u0W2sloyqkkAn60rlxctol9RgZ6D0ozzwST2BpaPcGLkAcml29+IJ  
hoJjBxxxTdxJ5xn27ULUUnYUL8vBz7daUjBx3p36Al1EYgr0OfpTACCcZzSQ  
27bA2QuO1Mz0Dr+dHUTuhc460uQQQuA3pRcSte5Gx3H73Pr6UbsDocUFPTYM  
5bgcH0rPkVrrXbe36hDubHb0p3Gr21OvtLS5yD2yK6SxRQgHzlvQAYqS1oj  
ook8uFUwAQMnHrT6CwHJARe1AzvMftBVCObjoB2/OgDnNbYSzW1oi/PI/wAx  
C9R1/OujKBVFVHCjAIHT2oE+gw7PVR/u+tRzOkEMkrZIQZOTwaBGBYozlZWG  
HkJYnp+Fbmj6Wl9K0tzhOUPL7k+/tWSXvGjelhNUCyQN5VsqxxNgEAcCscj  
ntiemo4bWEIAGWDcc9a0NN0i61BTIzi2tsfK+3LMfYHoKhLmZUnYh1CyudN  
m2TIZIW+5L0B+voagLMG5zn86JLIYRdwaYsCsoDr6Hk/nURt0Y5icxH0Y5FA  
+ug1lnhP7yPI/vR8g0qzgcAmlZX1G2+g/ev0oZ8KOf16UxdCF/LZgzoGcdGx  
zSPKScZOfpQ0NvQo3kpZhCvXoTnmrOIQf8TGBRzyefwpyWhDZ6NFKZM7oniY  
dnx/Sptpl6VuZjJY/MiZCByONw4zWUbuPU7iQpLJHFGHgdg2+Z+VMTJXvTp8S  
W5twzLgIFbr+ABpv2K4vIY5pLyRHJDBJlXgAHoQMUB5Gku8opnEZIA5KDgfS  
lpDFooAKKACigAooAKKACigAqKe3guY9IzBHKvo4zigNzl9V8LW0JMth5oDs  
cpywQ9fyrrm/AEy9tFZpLeaSNerxRsygepOKrcz+HQzyw8vcBkHpioy6xfey  
WJrGWuhtDuV5ZnuG3MAqgYQAdKFdo2AZAw9aXPytluUOdD15IHbFPwNxOcAd  
BW109Uc0IbRjl2sOQQafF824IDjOOKEhFyVFAJPF09KQrnJHTvQCS6gFJGD0  
9O1LkdwfxPFLcfQcGOMHkfTisPWkKyI4HBPWIZCTaaMS6AEmQeela3haTD3M  
J4JUEfh/WqvpY2tozdkmWKJpJ3CoPU4z9K5O+vZLuQ7uEA+VfSkQoq5UJDPn  
Py4wOPzoxkL03YyabT2K0TEbKjHUck5659KlcrMYi23dxjHrzUW2YP3Svlp  
DEHGc4FIAdzN0B4+laNrQUkmlckVf3LJ0K8jFQzDIMcqeahWZF2pWWxbH/Hs  
zYBAJOO1VrdkF4m9sJvG7HOVx2rRaRuD1e4I6YBly2qnZv8Ak39himoxKHJ2  
qvPpUzmppOwK8Xa4zfgYT5jk4Y1E0jtj5jkADA6fWhNXE273lckMSTn696XG  
Sewznr2q5NN36DUR6C/MC2Cdw6YNG5t2TyT1HoKm6E43epraDpQ1K4aS4IW3  
tIBln+6T/dq74nltZZJbbRZZV0rC5EvDSv3/Cr0SsTyXZzLI8bISMFTnBHH  
41JZ20I5KyQrll5OT29aFC+gNtLQu2NtOtv55jK7yQqnrwcVrQ6tNZaLdWEA  
2XVydjzH7yJ3H4ioknT1RrG01ZmXbWOAFVd20cAd6s3FslsljnLNwR6Vhzyb  
1N7co+zg3zKGIABxnsRWtcXMbySizU29uyhQnqR3rSW2xn8UtSCOETHaRyOn  
NalvaR2oiuLG+mtL1d2XX5dvGOMdc1nH+WRVROGsTF1+2l1qzlvZo1j1Ffm8  
3vKAcDPvjNXn8HaRcaeZbWWWJkRcGvsF2PXA+td9OUbWkrnBUjK94uxzeq+F  
ryyc4R8dt64+nNYUsMkLFZIZT05FTUpW1iaU6qlo9xvRaVOQMdevFcxsbdhr  
9xZoph4YcMCchhn0rprxbayDE8RRgOSp4NZzg/iRvDlmrN6j5/FNjC2UDOW  
/hNcE37yV3J+8xY+2TmnTTW5nViktGMVV3gA8Vs+Gb2HT9Zt7q4XMUL5K5+8  
cYFa7uxjN6EetyfaNVvJiuzzpPMwP4cjpWeeGDqDkEHP9RVSupCjqauss32e  
wVmyrIW/GspsDaBwD1o2DZjreRYZ5JG/ubOILOMrGWOPln8alORflciJHUZ



xjvTdrE7VHJl4HeiQlotTobWE22k28a4ZiC7j0arlqqrGu0/MRyKHvoEbW11  
7sg9PugZJrN1wbdN05WPIBbPrz1o0Jd76GYo3g9geataNp9xrOu2enWioZ7h  
yE3NtXAUsefoKa1dh7as3rTTpdG8Vaxa3EflvahF2Ag9VyDn3HP41iX8DI8l  
yT8rHLn09Ka5b2E7p3WxsaDZILL7Y2wmb7uf7v0qzfwxxWrSnaCDggfpVz91  
2M6d5PmRgh2Em8kFX5AzVixhe8naOJSXTn8MVKu7pG7sldj1hMj+UFJy23A9  
abNbyW87RupUeh/IUNWV2Tez0ESEsu5QCF6n0q7oU6W0nnyJFAZcNz1pc72  
DkTRUuD5zHPTHGaozpg4B6/rRq1qWQK3RuOuB607IVwzc8/nV25rolXWtzQ0  
C1+2apjGUj5PHXjlrQPmOFA6D1paJWllrkwcE5HP6UpYgAAAnvU6CsxQM  
nPXHbPNLnnGQM9cUIb1DvzjAoIujKge+O9F9CVqw2nxbxgGmhgcA9TREbaWjH  
9s5BprgleKbXUOZbDCeMEk/U03AyPTtmkNajd2H56/Shy4BXpRoliyCAV/Cl  
yTyQKqxEWm7DHk2AnHvUHhmMyXV1csc5O1c+nXilaxaZ2dghLArtAPXlRp9M  
RXuFQjijqfr1qTU2icmigoMhVZm6Ac8ZrAlyGypHsMc/4UAYNv/pnicBh8Isu  
eO2R3roWwSTuOO9AnuMbaT8p+bsax9eLStbafBkyzyAMDycUCNO48MSRZfS7  
1t4HMVx8yk+xHI/Wqdh51nrtsI9A9nlx27s7kfjoGHH50ra3HfTU2BFgzRvy  
rEg46/WuZkZYndcghTgfnU1FdF0zU0nS5J3Se7R0h6qh4Lfge1dUTgBQMADg  
UQVkJu7I54YriBobiJZYX4KsM5rltU0OawzLY7prTq0ZOWj+mOopyV0CdmZa  
OrjKHI9qMhtyPeudaaGzHhiv3Sce1lwif765P95OKb1EMaFs5ibd7Z5qF2ZC  
A6sp/wBrrTTAbnPPNQ3EwggZ2Y8dBjv9KFq7Fble0iYjzJPvHk+1bOip5mqI  
VGSvllqpO6sZPS53EtysQBAlk3/dAXj86zr2GB7hZUaRrk8soY8j0963Rmy4  
8rQ2v2x12IF5iJAz6HPb6VnXesm4sl+yTtBcyZEVuFDyP74GcfXtRYLjNMt9  
T02Xz9Q2zmfhtrYMZ9yetb+0BicfMeppyaewIM8kbSPfsaWpGFFABRQAUAUF  
FABRQAUAFFAADjpxS7m65oA57V/CtpfO1xZqltct97bwGPqa4rW/Cesachu  
khW7hQFnaGTcyD/dIBP4U7J7kaxd+hiW7pNEHjOOOM8VPuCjnP4Vz1IWOuEI  
JXTJVltkUNKMPTheNW3xgkE/xcUoaLQmcOYVHWQjJAPTnipoxg84Hv610p6H  
l4OL1HHg/dJPrTcMpNHUWgqsw7fTFsdfX6U7Bca/y4xn39Kz9aUNYM+OEOeO  
9LUL6nN3S7gvy8+3arOgzfZ9TG98RsmCffmpvozVN30JNXv2u5TGrbbdeAAO  
SfWs2TISR164NVG7dheo0qDz0FDEeZj1B7YxVK9w5op2aE+Y4647Clt3/wBN  
jYnnOAcY496TtuVYlu1VbxwxKqrZx6/SoOcnBwc9zgUOz3lv2EWQiQMvHQn3  
9aZdbUkUpkpnK072Wgut2Wbc74ZFJ3E8fjWeWBI4OQBjHYUrNIXiJGMEk+IE  
rkhhnkdMetU7JoXchY7cYOcDtRkhST940pLS4XS0GHByepxb5cnp14pbsLp  
K6DcOM4B9MdKQkKAehzyTVNLdkqzWh0c1vLa2JgVylZwAxB4U5HzEe2e9dX8  
U9EtrAaRd2dxLdSvGbdY3KldgGfMBAH+B7YxWCxLp1HFrSy/F2FVoTnyyJK1  
jzy+x/aUsUTO8SvtSTH362PD0VzZ3TuY0Ztyvkjpsa25pXaRTenvHS2vii0  
h0DUbW/srcXaMTbMkYDFmPXPauBUTsrTOC0kj/Nnu3/1qHJvRlxhGm/Uup9p  
gYNsIIHJ9Kmtlpb68gjDb3eQb2P8I9axek0+htKS5XY39TCwQW9kkkcsMEjb  
WjGCcjuaoHkKoOR6inNu6tsRSjdXZYgDDBQ7T1q1NIJFw45PWspNXN3tYy7q  
eUuER/kHUkdPSrms69qGoaVY6dD5ZNU50WF/1nsaq87Kxg4Rvdkdh4zSTda6  
im5AQGSQblJFbNxaeHtctZysSKxUYCOPvHuvv20qzj7rOSrQb96J534i0aT  
QtY+wSyrIzIJBtbOFOeD78VILIQD3zms525tDWndx1HBGM55I6UpI3ZUKA1H  
kXfQCCeckn9aBnGDwR6UhX7j1Us4VeWJGBVpEEDkTDBVslfcVadtWiWubYJp  
PMkZs5Gck+/rUUgxAQOeOvpSUmylFlv6kzSafYkngbl56YqiQA2WHOMYxSu2  
tBKC5rtiMoNqGly2/b7Gi5OZ9oJwFA6eg609htK90MxgYByD1q1pEJmWaUjK  
j5FHqf8A61OK5mF0lc1UgljUHnbjJ+tXbYbkZs5HfHbiq+F2EpXjexWuT83J  
47/41S1wrNDaKhyIFZSe+axlluKuZSk4ZexHNS2Fx9j1OG5UkNESV2nBGRiq  
1tcTtc19LvZ7tNX1C7laW4klzI5ycgYGT9KNKX7alt5sYmw6O8T9JArAIT7H  
FOK9n8Jm3zN3PUdev7PxEulafo1mVkdKGMolzGoH3RjgD9K8+8bbtP1qTS+S  
UI3Z4xkZA/KqV5K8iocsXypGHBFvRo1G5gC6+IOt7iSAM0DgFhgkHqPQ009w  
VrasartncrHcvvirL3HmZ8x2YdMk84qWtNC5SGlwEZIbAx0otdrTRo5ZEkHz

Y5x701q9SPiWpc1uBLPU0jllEkbR5Vh7etUJ1YAMw4xxSk0xxuvdTKUgLMAM  
YFJz6dB1NUpcuqBq51/hey+zWTyMpDTMCCeuK3WJ6ZyfpSnJydzCKeooJ78A  
evehuSCOTSsPZai4l+tNZCGzyRS0uCuITBFIxHG7A9j0pFbBk9Mce9J5gc8  
9sU07CauxCACN2CfSg8gkDj2pkrcADhcAZ7fShh+npRuNWS0EIJGR+tRSEKA  
WPXjrS5rFWbY3AOGByM4BFKwx0JzRzXWguWz1MzWLkW+nyFskkY4FbGiwNb6  
VAjgb9oLY65/wosUn3Oq09GwTt7da17aZ4iHjfDdhjn8qkuxqwanHI22aJoj  
jO4cirsbJKu6J1cexplEF/lkVuVfG5ug/rWHNKI42K9OeT1oAyvDKI2u7vBl  
d9qnr+dbeFPJY5HrzSRO7YAAAnJb5T+l/+tWXocZ1DxVLcsd0VqoIIpPtfF00  
xGe9PDN0FBZRuov3pCLgv0HQZqlZaLb2bm4u2FzckkjcMon0H9aNxGlbky00  
rHgHAXuzdOuKBibQDkDBp6nBoA5jXNEIhllvbPDRH5nhxyPUjFYUciSjKN/i  
KymluaReliQc9/xHFL27fj2rNXZQnCkY4PSIWTaw7B17h13GmBFLDbSZ8tmh  
f0HK1mXNrNJcrlJaJerj1p+galoDaMDj1Fafh7b/AGg7NnhRj5frQRLY6i5+  
23BR/IVVAIULKWzn1xVOaO8jmRWiEkzfdVTJA+tdC0MmSeRjpkwvJw95I52I  
qHAIj44ye/qcYrSijETyXESYWWTG7YpYr7ZoYxGmiizNch0ftbnA9Bjjmlg  
FwVMtxlUXk+UQuFHURSGSo6yIHjO5TyD60tABRQUUAFFABRQUUAFFABRQA  
UUAFCQeKAMS+8KaJezSTNaGKaQ5aSJip4dP0rkPEPhW60cC5sM3VqThht+  
dP8APrTfv6Mlfu3dGB+7IYqw2t0IA5/Gh4wGC9ce9Y8vLodCd3cVYh94jPpV  
qM7k5lyRzVQ1MarXUA/zcf8AoNPI5FaGFrbAF5JHfvQ2BkMePUU73DVkfl7E  
fjUV4oltZVPUjjFCQPU5GUMY2wenGRUCsF2nBz1z61N03yo1UZJXHknd7gce  
woPLAg8juadkkHO+gqHCA8dc49Pao2JIDAnPU0WuxboMFuVIHTIjpnbMpyc  
bg2T3x61SSeg3zLYu6kpN0BgEuNwX1FVSWC/MpAOD0qmuhCt1liVZjz3xmgA  
CDy3OQOFJP6VLbSsPS+hJZYME2eMdM8VSTGCWlyR34/Kjm0sPls7jd2CZC3y  
Yycfl+dlhXypAcMTeOuNuzH57s/hVcqqa1KVovUYrkzKOhJ5BpD8xl28dOe9R  
5CbXUUKvJHTPBpCBtCjJA6596pyexCS3FIB47kcn2prje8Z7H3qbtg7RWiN  
bSdXKyhLxi8W4bvp3xU/iHW7vVdRgtbe5mbT7WULaB8AkYGePbFLk0N+ayNS  
w16MxnSb3TYXnkbbHIFAYH1HvUmsxvbNNbRylAgHnup4Unnbn1q9k0yJ2i7x  
OalMfmKfMlHPJqx5SkKlk7wcc1mmnoxXbVze02wvNZ1Uafp7Jct5Qc7yAAO  
+a6Hwn4etbn7VHczmzuYZntk2bWakXlBORyPTpn1qkiZamR4jtJdN1qWxLpP  
5IUNJGu1SSM5xk4PqKzo1yRg5J/IWSaleS2OmLUUkWIIVlwOAahnllban45r  
OSRcXqUZGUx5B4Iz+tX9DhBvU+QCckbM9x7VrC6ZFW1in480u3t9aE1qMbyf  
PK/dL47Vy6+dBIDG7A5wMHFbSi5q5hCTSIJ3kkIMk7M8h4LOck+n6VH1OT1q  
LW3FvqhCOetAGVO3+HrSLFJOC88VNEskzjYvzHpjtTSuS2ktTWhii01fNkAa  
Ur8vfHvWYGdvncnc3LVd21Ynl6iAYztOB/WpDtfcvAU9f/rUN3QXsy3cNv02  
DHOHOfoaoPjORnp60tegNJMki+ee1jl+Utk4P3qimYSXMrLwCxH4Ua7h10GS  
krEdvOO9dh4J+yW01mb75onieTB7MeKqnLI1FON1Y6e6TTWVnJwp55Irnbl4  
trmEHb2pubbsEFyrUrmzM9olwgLIRwcd6ytQt3t7d3btwM9M5olBSV2TGWtk  
Zi4HXnPTPQVGFLB24IHU1EbbGsm0i5Z3Ai0qeBeGmlI564q74dmMDcn7sgl9  
gafK7ES0aPQtN1RtAuJNT8tZUSPawPofT0NeeavqM2s67e6pdkGS4YMo/ugD  
A/SoerRrG0YtkUMhguUkBWQeMHsaYxJZmlAO48L9arfUm19hB2A5brTwcgA9  
Qc0muUL6ahyW4brwcdqYHC4JPTvVRuyLJ6E9xO098rzkkiPG7+QpPM3oFI3G  
pvdalJW6EJUCPKjPfnrUltYPcXMSAckgt6Vsd1dkylpod7AixwrHxheBUwJH  
rUvVmcb21Yo5Pr25pxAHTj6CgrUMA4O7HqKbz1wQaQrJvQAcDj/9VBIDYb88  
ZpignoKGGeVI+lJkA5BBGamxTeo3BpGbNfRlXSEByM8flSZbAxcg/jzTIEIOc9  
BUYYGfaSPxHWok1YumnzakvkqvYYPamFCDIW4HZqyTcWdTgmYupRm61K1tAA  
Bu3nnjjFddbqplAQHAXkYro5rowlCzOgt1KRgMMVaBJ+7+Q6mpEthdz9QPpP  
lpjBWO5h+fUUDFREByg5PXnFVdZnMGnzOOcDAPTFDY1qybQ4fl0eEDksMtj3  
q6RnoF+gHNMKrahcfZdOmmIG4Lgf59an8GWpi0RpZTiWdyTx0GelAHQ4IHP8  
qR0WRCrjg0FEMylQj8YQ8k8cfSmzxxOp8gh89zwaALQXYqqM4AxTGlyAWwT0

GKAHCo5Spwp6dwTgGgBUiVF4ye4BPA/WsfXbLTVspbmSzSO552Oo2nd7kUWv  
oGxzInPcZp5UHgg59q52rPQ23Gsu0dcE+tMZiBkkYoewFWaUkcHg9OaZCoEz  
ckkYyTTG9ESsAR0/Otbw8AJJTjHQdOPoap9DJs6ERSxXjW1IikSnJJK7io46  
DNX4YxDHtBLMfvOerGtSB4JHSmPGR4yWBU5Ug4wf8+tAyGKKYsJnm85lyUVk  
CAfISls8zCW7hiRV6Rgl2+pP9MUASpl0zgxBhF/elxk+gHWl85ftHk4YvjPQ  
0ASYI6iigAooAKKACigAooAKKACigAooAKKACjsQRkHgg96AMm98NaNfRIZL  
GKKQnImiUI4P1/oeK4jxH4futLm863gkltO5Vdzfjinbm0Ju46oz7dFIVmfc  
uOnGKcRj6etJKxMpJsMe4oIG7Ib5setUrohTYbhngc0hHzAMSaPMbVhWO1s  
HH0HeonBcbcZH0pPUEkjjbx8XM0cZ4B5weDVYdQc8dKcbalptbEhbJw3Ue+e  
aDn51K8N+PNKwN6gzDORnHTimgEZXP9O1OMXqVF3Q9Y3kkKjAAPX1qe5s9lq  
zrneoyD6imrJ+YX6MvuivqmnzYyjp16Dp+laQtrd7IFlxHEWwxx0oqNrUSHF  
6XMjxDptIFqsq6Q0jWgQFS/BLdT+FYMmSvp7ds0k+ZXYIFp2JoSTANx2gj9K  
oyMcEEc54HehJLQb1bulpIHB46EUhGCxbp39BQnd2E73uEhIkz1Ygflingnj  
HJ7d/oKdojb6WDDDPfHqeMU8LuT5VJzjxv8AWpXcFbdoUw4V/SxA/Gnq11UfO  
cAnOBWibepk9XoXdHFmiSfbUDJnCqPvY7V0N1p2jWWl2N/pshudUaTm1I6Do  
T7etKFSztYqUZWumZUkum2+s30kzsZ0hBgeP+GU5zn6CuelnmuCfOkOWO5sk  
8n1qndq7QoJxWuw5OmDnI9KsWJhW+iN1zCTIgal2jqy1C+x1EWmNBrQfw3qL  
QTtCSCH2tjHPT606DVNX8MaRqGn3Nh53ngH7QQWMQxnOeuT1+tJ0IUaIB2YK  
oorkn95oRPa3sdnGlwkomjxJlq8wMSBkjjvNbXjTwjbaXFpMfh2N31a4uQro  
8zETRhSXO0navO3kY61tSnT50p7dTKrCpNNwdmzczq1veaPqC2WowLb3EkJmR  
A4cbMkdRxnjpWc7/ADYPlwe9cIWCpvc7Kc1MjjVpGJVchB09a03kktY1I+Vz  
EN5I42Z4pU/huFRe9ZFbVpbrWbK7u7a0b7Ba7VecD5VfAzn8xz71zHnqyLkA  
FSa6OWXc5IKDk0iyItDcKm2QeYxwF15J9B71HPp4XcwHyqduMdD70m+ZXGk0  
9Su9mjMMMqOm0etltrGGALfIUJ3RbTW5IsECY3Elhz9BW74a02TWNTktrF44  
IhiMjyyHAUen1qoauzIktLs565k3zyBWMiq2MjppNM5Ucj1NLS+mxWvUCDx8  
vucUhdKEJ1xxVRkuhLjK50WoWump4M0u8tZ2N+zIjouw5+97Vz8q/MwwRjjG  
MUOV1dA4vqMizHdRvtyEGRz3pFG+TL9CSSR3FJO73K5UR3DBoyqDavf3rWEp  
it7TeCirECnbl/rRe7YnvoaVvPLfPHGZNgYgLuPX2rT1nRL/AEi2V7mP91IN  
6EENkf41UUK3qE2IYqaDqslmk1pKmYSQ2GHQ+1QeKr63u7VIYFCsXBbtwKTI  
0Eknqc4GQEMO3QH60gyIroX6FsVN29Smya1hMxSGMZfGSO+M1umzVL+EQgKp  
XafQntReUdbkNKWguuXrm1htvmO772DwTWEDtXkZx+gpx1uaS0SsNLEqRgHB  
zTZlPMI65xxT5bJkKWo3eQBtzkdeO1OD7dzcnPIH9KI3bLWqFdy8eD8pzzSq  
4Nv5DDBDbtw6/Sqj2I2u7EuFwQRz/Ko3cqnBwR1OO1S4tPQe6uJHM5Zehrr9  
Fg82JLmRVDEYAxjnotGS46GyE54brS4AUAdR61N7ohjsHGaqnkDNA/e2Dox  
Jo5BAUZ+vWkOwYOSe39aaVyeCcn+9QL1AA/dPJ7UuMHkUxsQjOfSmnnl7eLL  
qFxyCc96OvtAaA1EJO08DPt3qxZFZ8CSNsnnkZAqZpNGIJ2ZK0BDENZim+T  
uA3j/vng1hqdnzD0qOOXXJ5fmkSlbRu7EiupsE3SAhsFvzFdC2M6r943ok2j  
DMQ30p2AQQD+INBmDEqg5IHvTQ3GAB646YpMY9TjkcVk67maKGBeskgGB375  
oBl6PAiKxjghdox0poBDEjv2qiFsY3iV5ZprbTowS0jfxaW8litrWKBekagH  
60FdR4PPIwTS0DFxkHjKnr71UYzW74LEoOnGePQ0ARfbo4juYOqMeQEYasQ3  
kMrhEkzu+6cEZ9sYoEWKauQc5+bvQMX61h+IdO1PVPLSye2SGM5xK7Ddx7Cm  
tA2ML+x9bibElir+8coP86cbbU43Ef8AZIyXPPGCv59K5+WVzRzROND1V4nl  
m8m3RRnaW3sfy4rDaVtu0kFuhxVOLtclyuQlxl/+vxTtPzfBI+eSxxx2qUV  
J6lpvbrW74fAW0kLLkMcldue9PqjORejkka5239rN/aj8r5Bwqrjsx4+uetb  
KviFXIOW9CHxnP4VuzNEhGDzRSKGSxRzKBMgcA5wfWgxhvlOdg/hxwfx60AV  
5Ennn2W94I4EG11VAWz6ZNTSGYgxw7UIH32Of0oARHWMKsrAzN1AHU1MQR1o  
AKKAEIB6iloAKKACigAooAKKACigAooAKKACIDEdDQBT1PT7bUrcx3UQdh9x  
xgMp9jXG3/hjVYpM2dtHPCe3mgOPz4qk1azMpxd7oxZIZoJNlxE8UgOCjjBF



Mfl4/wAmqasTH3gKgDJxjvTWw2CQMjv6GpuNWEYbjhT+tZW3/2dTBG2ZSOS  
P4KW4PyOXIGG69ecikJHRsYHT0p2tsUmrEqAeVwOO4pCevGRxgf1pqTHdWu1  
oJk9MUq/vJMAY5AOe1ToupV76o3LO2UJlgM59KffsqQOgXc2OgFKK97QLX0L  
YhiHhm1ukKtOspiK9wPWqd2xEaO/PGSuOtXK1kRCMrtFzVdHNvoUF7c3tu8k  
m1o7eN/3ig9Qw7gVxV2/77CggFiPTgUc0XG0WL31JtocHWOONSByOc9vpVWd  
THcMP7vIPeqVir3VxijB254xzSLLtUgjj0NRq5E7akqtGwJkXHPalZYwy/eL  
4yee/bFXdJ7DcObW4Lh3bVHHQmmlly4z04qLtalFfqJuG7nuDmkVwr4xnjpV  
JO4K1yxF8rFhgkjGB2rdk1Gd7KGFloo2TpKo5P40kwnBPcwtRh8uSKbn51G7  
Pfmq0y4nOOhUEe1aJt7k6RqntLa4u7xLSBT50+duR6DrW54v0hbGWG5gjK26  
WyiX1Dcc0JWuhyqpJJmFa3EtvMJ4ZNSq8cH1rq9O8bXSQSW+oxpcRSLhyRzi  
snFxd0XHlmpGIz6Pe30V3o122n36MDGOAvHGSKX+2pF8VXdtqV00V+jBor  
jeWVuOvJ+UewxRNqav1FTi4Oxr+ltdbXNFewv7BBqKcxXEGCMZ5wOoyPeuM1  
Oxmsr1Yp9m9xuGw7uKzV5KzNrxWxZ02O4S8QG0mjjEZIBniaMSjHVS5HuKx  
tSmc3lwUI3ISHY9Qfb8KucHFqJcFpdo0pZ4LbwFcQQ3VxHeXVwvmW6n908eR  
1/xrnLeFZJdp4UDj/CnFJS5luQ9d2amnb9N1y2vbZT5lvJ5iKRn5gMc/nVXW  
r+51HVLy6uEEU11MJXCDAzjHH5VTbktHoLz6mfukU8ZPPBqInLKCSR69KSjf  
UbYpJDAk9fxxU9tcz26yC1ZlaXhiOppcqHdpXlilUKflAPNSNCCQWkXOO3O  
KbikSpNsURxlv3TfU4oES/wPyR09DTVnpexUrrc3dBnl0V7HWZLGO8tFRoHS  
UZQt059/es3W7yG8uEkgtBbKSd6r39KJJ9GRHlbu9zOjy07Biceo9O9M3Eqq  
ggAdOOKTstRp66kUwBycADFWJL1p7e2hmyxtwQvrtPaok3umWrMv6ND/AGjq  
Vtafa1tw0gBduw6nFbni1b3RtTksjei9tlwlpA2SQeeR0yKPcSSb1GpST+HQ  
woZ5Z7uPbkkdzVO4dpJiepzT0T0J5rInstNuL2QeRH369BUQiJ051A+ZX59  
D82KvIVtWTrl1fDSldQmcmglgmzits/Ty7uB/4S/A9qJJkJFTxDGQ3nbc7GL  
EY6g8VhkAMWXms1e+h0O3KhBHg56jtSkrvZuAev1rSUm9DKMVFjRwoGOo/L6  
0jZztHQ/pRzW2G4oQk/KqHJAawaemyNj/ABKOST39qX5jvdXJFdhke+foKY7s  
yup9uvrS2Ytx6weY6QocO2APYV6Dbw+TCqDGVAFNq61IbV9CdRnORkUjAqfl  
AB9KnqFrq488jjj8aNvqT+IpsEru4HrhcN3NNwcDP6UuhOrY4kAc0mOmeV9M  
0h+QSFv4R+Bpm7J4zmq6CAEs2DgDt60jEetLqU7WGk84YnPuKAQDx0oYvMAQ  
XXIJ55FasF2nmhY5Wjlxj5+IZTT3RtSa6l6WXzFBuLaOVf70YwT+PrWfdm3  
ELvBOUIHCuO/pWLI0Z0JdjH0a3MNVl8hAaVi3Wuo06LgMuQB7V0RVopMwk25  
NmKScYPH/AcZoBHyg9B6igB24Hgc+IjK5GRz9KAY7I2ngZ7isyFftniiFCp8  
uFNxB9f/AK1CE72OILM+Su1vrSDbuGccdflixqEkYujKNS8XtM5YpDyuDwOK  
7Zs/e28UAt2AB28ZxS4oKI2iJbMcpjPjfcPyNV1uHjmMV0uz+66jKn/69Aif  
KSDJcSKeMDt9KabdJE2SRgFeQx5/H2oGCT7XENwwWU/dPZx61MT6mgApaADJ  
xjn8zRk+p/OgDM1u6W20q4eQnOw4B7mvO5JSgOBkkk5z705fwy4DohsieTOd  
q5zRpa4tlKjg84z71zpprQqRcKndg9K6TQU2aerk5VicgdOv6092jNnRJFGk  
0kqhi8mNxLE8DsB2/Cqb28iytPdOI0pOAixBSPTnPNbCLUamGImRwEHOMfdH  
pnvT1YMoZTkHpxigBaKAGyNIEHlqzH/ZIGB+NRW/IBG+zLI3Pz5yMn8f6UAW  
Mle/XsTUaR7SWJVmPcLigBzMEALsFycDPeloAKKACigAooAKKACigAooAKKA  
CigAooAM0ZOc55oAz9W0ay1dR9rV1kAwJlZgj8+K5bUfCd3ZoGspjdQgEs0m  
A4/TmrTvozKUGnzl51nA+VxsIJGDxmmk55zuPbFDTRMwVNRvVtYgqYad+Bjo  
PeuYk3M5dzuYnkHuaS0Ba6kE+UIPIGeTiowvHPXPOaSdjRpWJB+8BTnOR17U  
pwSMZ9KS1E1rqBPGFHHTFFqC11Ep5GetGyZcUjrY4vkwgB7jinTWgldJG+VI  
HIPGRSi+pMrrQu28Wljw5diQSNelcxHsOa5K6vHNwVUZAGSffNU5JocCakaV  
ppU154Om8QM28wOVkDN/ADgEf4VxsrGe4+U5BOB+fWqcbK5KndvmY66bdKRH  
0XpmmEI48E5cHIPqKNETo3chHUMByO3rSZAc5OffFHM72JSa1HqoAYH/APXT  
hjBY9RxTbvozTRCNhiCo/LigrIML949BST0sRy3eg1lwhOQT39cUh4UEcn6U  
t+gLzZc06GS51RLe3wZpuFB6E4zz+ArVnSNJo4cfvgSCh7e9OHNqROSbSLXi

rSitrJdwusywKrsq8YGMf1rmWiDKACSNu7P+e9Xze6V9qxtaFr7WWoWsk9tH  
M+8RoSMFc8ZzXe+JNOBVNCvbW22mZ0Aj7Dggn8KmEnsywVr2MjUfDul30tv  
5P8AojDKvs5zgdU2M1zt/wCFNSTMGJBCrQoYIOcA9M1suWpo9zGL9lvsYal0  
BYkq2SCOHOKGmea4aZ3Ly4GSTk9PWs3T1aZ0Rq8y0NjRNbktp1WVsHBCsT0  
9vrXWeF9lg1XUmTVriazkdUks50258wHOMsCD0BxjmoguRtjIHmVkr+MtevL  
8vp995MI5BLIsUsSGPERON20k8sFBPpmuJYK7tACf9o+3+FZ8tp+67jt7vvG  
3rul38OnWj/2Ze/ZUTEbnyS0WODkdkBznJwK55VYoXTaRn1yK6ZUpQ1OSnWj  
K8bMlhvZoZj1OOtWzqkE6KLiFRk/fUAVjs9Dpk1GG0tZhmCUKc5wTiqsul  
XCKCo3J1yabaYJNBiWSPyxyPyOACKC5DErhcn8jTuugoxvrcjVjtwR83cj1p  
MsUwPvdOKT7IOzBeAOOAOmetOyMqRwe9RqK7ZtQavcnwq2kHYbZpRJ053Zye  
axFDM6puJBfDU7u4042sOC+VI4I4BwaURhm/u4OSKlvuCim9BvkZXAzc5qHZ  
/pDBQSQOgqr2eqB2Ssh8ECHUYI5GKxO43NjkVoWy/atdeJpWlhUkg5+8O1TJ  
KT1BTbXkTSWLi7mCMI4D93np/wDXqzaw2lgjtIquv6FuvvVqXLsQ4KW5HNq/  
lofsydcjppDPt61W03YLW4UspbAABPWnBcz0KbUY2ZpeG0IgnkOMPLwcY7Ue  
Lbvy/Vtl4c+bG+8464FKTWwRjd8xe1hRe2nnR8LLHuHoD/kVzdsqFoyehoTa0  
BLqy/LbplclBkA8AVktGylg3JBPPtRKXMKil9hpy0hHcYwKM53MR3xU7bIX7  
g4Cngrj2pM7G6dOKXM3sKT1BziCF5OeTmnooDKOrHjnvWl3bQe2rRs+HbcXF  
61wy/LHwufXFdfHjHB/Ci7Slav+ZDySemfzpwGW5lz9alMb1Qm3DZB/AU7O7  
Obj1AoexMbXEYfLwTn360biRI+fpSKuKcY5/Wg4Bz/SnultJKnGPwqNhyOmR  
6cmgTYD6c+9HUEqfyoVx3sN2jPPek4AORn1NA15gOnLcdu1JuyMHP9aXkLWx  
Kk80edsjAHgCqGrai5CW6xgvlwGewrP2ab0N41LbmzaRqNgKngYxjFb9mgVM  
8qTwAegqxaPUs8AYJB9KXAxwuD/sn+dSMaAOoHH5mnAP3LEew4oAZI2B83IH  
PTFVfDUcrX14ELhm2AD2p9RPY2xIARnCsegY4P4etV9UuDaaZnKcZxgD3qh  
Im8HWf2XSHuJFHmTnOe+PstSG4RpGYzMPGzbQCJ5GiQbpRk/jz/AEp6EFMq  
uBQULTJEZhlGw3fPQ/59aAKjPEsm1pjE/oy8H8RU6ebIgaCYEdMoAf50CJWD  
OmGVH/2W6UodSpZDkDg+ooGLuA+9x+GR/e/Q0AFH60AY3iHT4p9Eui7kTbC  
VYtx9K83jYTzbQchT19wTRON6ZcHa5bvWMWnydiw2ggcCrWmJ/o+CONrWNtE  
DZZel9IP410mnLtslwBg889qp2uiGb9Gf85rQCK5hMyriQqUO4Ad6W3eedd8  
kaRg9FDbiffPagBySJIT5ZZgDjO04p1ABmlyT1NAEOdrFnjzKfuqDnl9j/jU  
kbb4Ik3cN0yOIAEUdvHFO84G6V/vPjDH8an5xQAIFABRQAUAFFABRQAUAUF  
FABRQAUAFFABR1GCMjuKAKkul6bMG87TrWTcMHziVbP5iuS8ReFpLZ1m8PQ  
RRxODvgwSA3UbQOmfyGKuL1szKUBk8TzfVLa+s7kjU7e4t5XPDSxMF19jjFU  
i2/KgqSOmTVOLfoEZR2lp+FYgZIHf1qsSAxyORjtUco7tMfHIWP8WV6jpTIA  
6d/yzTaiTZt6jSeQOSexHH50qlkYOvX0NJ2T1HCb5rWNGy1O6VwpmJx0z0Fd  
RpcEepMyz3aoxGAzHis7WR0WcmWZfCWqSNJ/ZbR3SAc7JQufTrxWVc+EtWj2  
Ga02SSklq92PpVwtKJJJuD1MfVxc6MtxpNyAjRkGRVfd15AOK5m2G66Z8Y8  
s9ulXy2M5yT1HHPmMeOD+dRsSkqMo54470PXUIX6CsV3Bk6HtTMDccdD7UOL  
vdl7CqepOcdKVgGxjj2qUrMpa7jUzuB6A/pUg3MCcAAevWm4J6lXsxhXd9Mf  
nUtrbTXUoFuhYsep6D604pvUm6fQ7PRNBtLKxOqFne4tizsQcbB0zVltZ025  
8IXkbaPI2pTOJEmiTOOQAS3UcfzqlUlukZOnFq02Kg0+98P3UDF0do9sqryz  
AHsK5ez0l4dYj06R0MckZeCXsw64+oqVZrUuxmT28ltevDKjBonz8wxz2Ndf  
pPiTyNBjkunDzCR1IJ+8DwDSdua6Lu3CzxOnavf2iARyZTJOx+RyeldNpPi5  
lyTMDG8m3cDyOO0os0rj5VNWL9xDpuq6bFFshWXeFeVeDtLc4r11Xwj5lln  
0+4EkXmERx/xbR6n1reNRT0ZzcjppQ5q/srmzF3byRN1+ZSB+ddTpXiqc6c  
beRUklilZS46/wD6qwqU5Rd0zanVhNeZg3+qT3Vzdajcybp5vvMeenFbPh7T  
ESz8/UV2rcj5sjkJ/TpURXK7op3Z1vhf4n2drBHp+swSxwwt5cN3GAVEQ4Bd  
c5yOBkA568V0kug+DfGNs9zYpavlxJNxyS15QfVgOp/3wfpSVZqo09/zN62F  
Thzx1X5HBeJ/htqumW81zp8q6hZxoWYAbZwBk/d6Nj2IJ9K4WO2aXblu1otp



KnPPUjP6V1vInC6PNUncfJLfoMYLH8pfleCBVmDUpYFwTuB7VlaKWp0RnLqX  
4NQtZ0KXEKjkkYpz6fZXLK0UgQf3e3/AOuoUrPUpxurx0IzdlkQZiQSKTxg  
9KzZlxGwDRNn19PerVrEOMumgm233YbeD3z0qPyEc4875ie/ephvqgaa6khS  
TyNgllzuODTYQwu4IZM7Wzg+vvTIEcZKWIRlqecZ5AD5akFjll+n1qsrFILK  
cZocL6lcyWgPhc7evU59aksrWSdSyDGSGz0xSauTK3cffWRtnRS2W27uTVzw  
1GHuJpRnaqjJz168VFtSorTUhuL+V718ZCh6iedusiBh2NVdbIT80MmlhMEs  
kXDKVJw33TkV6Umk6ZZ/Am0lvhEZZ4ZZrplwZYw06gsD1JCcCo9pUou1rJp  
3/AU6cKyV9TLlg0zSL2a102++26eqCWOckEknJKkgAEjj8643UZHvLySeT+N  
h14xVpxaUi4rIVjodKkN14fCscGCQj8znmufdJlpZEPJDEgegp9Q5tSzDctE  
cg5JIBzUNwysS8WQSNp56GlP6B90isSM5wcc80mCUBY4B64pvXQFdDduXOO  
+OppSpCEDlx0Y/1oVkzOOOrLshW3Vy2JNxAWhVwVI+8T+RoSszRuyuzttLs  
/sunQoq8n5j6kk1oRYl6fjUmdyUHrgCkID5xjj0OKW2w3roBwMYOMetP5/vc  
+oqiGtRD15pMkEHqKWgPRC5zyMZpMHqe1PQHqNwcc4BpMDrkn8KNAAtZ3DkdS  
D9KjHJOcj6UINtWLu5wSMnsaGYgHGT7dqVh82o0nPOACKb1IO0Hv1osha9Ak  
ywXHTPNZMSi98SKBykAO4fUcfjQh6rU661Tc4yDx0rdi+VQBjGKlmsUS456A  
/WmnJyADS2KAD5c5yaXPqRigCtqM/k2M75wQv15q5oNu1todurFQzgs2T1ya  
FuKWxeZVlw6KwPtk1g+lf3t1a6dA0n7xvmUnPHtVCR1lxstbKK2Q7MKBgcYp  
tgjO5IIAA6ZDUwLkTMpYMyk9QFXBApjOFbcyMT/eHNIomX5hwM0oBJ4oAGw4  
KEhvUEZqmUkjf/V+U/Z0Hy/iKAlzd3MJxcMu09G2YpovBneXSQjuuASPSgVY  
SO8tJlPIXG0j+A4yP/rVYQtBbDZ9OIAxJR06Ypkkqjxc+VHr2oGV53t7i3k  
j+1Rr5ilc8VwVz4f/sS6Ci6FwkgLbsY5JJwMcd6eri4oE7Mo6wStrDEMAu5z  
x1xV/TwAgPP1FZNaIbLzINhy2T6Z5roLZUS3TcQDj86dtSTZoqxhUVzALmMx  
ySOsbfeVDgn8etAEMUVzFi1gKJboPIIY7nA9Nv8AWppJliZYzvfkqcDGB/nt  
QII7AjKHoakBigkd6gW3IneWR1kLdAFxj9aAJhnHlx9KaPnYMHOzsoGPxPeg  
Bwll4J/Cg5ycj8c0AFFABRQAUAUAFFABRQAUAUAFFABRQAUAUAFFABShiBwaAK+  
oWkOpafPZ3ahopkKnIbXkdRnvXLeJfCdt/whraboOkRy3KlflKI4IOS5Y4y  
TzVxm47Gc4KR5Xqml6ppak6pps8ALHDuvyE5JxuHGcVIMNr4xlq0s1qZKd76  
D1bAAwceoqRxtPHOOOORUJLY2v1I8YAwaTjGfWhu+08mj1REX0lgpQq+cADA  
NX7O8mjlLB87uNrGiTT2NYTa0Z2mgeMLzSLORFtobnzAPvy7DGQOp4O4e3H6  
1gavr2o3dx5+oahJNJ/Asf7tEPT5RnislQkpavQ1nKLV4rU5e7meZneRixZt  
zFjy31PrUVsuyFicbya3aUXY5t9xGxgZHQ4HuabNkyqcgEjuKqLJfRXEhG5t  
gC89KQkbjvPPQ4/wqO9zW6EEgJgByc9aRmJXjk0476mTfLdWJNolyMHPQno  
KbuK89fQ0XTdi9Grk+nWj3+rWVIGwiSaURvIRwi9SfyzXb6jpVnY+JbfS7G+  
P9lomZpzjggEkAjt0qudJWYUWWj6HN+lRzN9PDZSubY4BCkgEDpx3p9hfXaa  
VPHBIYw/G0dhnqayemqHy30ZBZO1n4oizKwiGNxJx2/IWhrVtbzeOI4bS5zZ  
yx5WROPLfHOKtWcrMp80VzInv9HknnuLJZftGo24DIQp/flfr3Fc8LIGesjl  
VU7GRhhllPQ1dk4mEW1laY1SBxtDSHBUg8Zqm4OQQMHRVJK2prZXuTwzzRSh  
45GjZehzWxZeJJ4VxLkjGMr1Ge9YONnoaOzWpp+JtXTxHoK2yNtuUIV0zxnA  
xz61yJEkEzAgxtkggJB/Ctbpwt2Obk5JtjlCrSojqDHu3EY7Dmuz1/WmbTBa  
CJBlyZQLwVBrKUXa6OiPvK5yUaMuDu5Axk1btZ3tJPPtrma3nX/IrBK0ZwRg  
8qR24pSpxnHlkFOvOjO8djo4viR4nt7Fr7ZBcBk2rNLb/vUhrkMAT7kH1rG  
t7+2ayjjkUB0jwpXjp60oKUXr02LrTpTV4RsY0q+ZK0nOGOSM9BUYBOHCghh  
wO1XJtasx919BoJ8v7ufenLloHlswySMk9KdrRux3d7WLSooXETMUJzt71c  
OoRSw7bmIPk9uDRa6uhptuzHW2mW2oP/AKNLGSjdnbbzTdW8N61prj7Rpdwq  
MQFmC5jPp8w6fjitEnNb2Mak1S13Mm5hmsbuSGddsinaRnOfcVY04oLImIBZ  
SPxHHJqNYvuUnzxuOimIhubOMII5z8/v3qxb2MjwjzFQAZwQeDSjvdIPVWsM  
u44Y7YgFTITwgH86gtrtreLZEMefqT/Sp5uhPs1dMp3M8lxcOX6AVsaBmDS7  
udV6thSeenFKxc5cvQyQMRgqc5J5+ppXjeXMSEJvBXJq7LuXeNtTqvHdz6j

4dsZU02C3vYo/KZrdNoKArgH8uPqa6/4o79L+Dmk2JXLM1tA56crGWJ/NK7s  
O1VkoTd23+FjhdNQaVJaW/U4fXCtppNrYpjzWJYsO3zZ/WsN1GAQc5OTnrXB  
fld0dShpqbPhaT9/d2r4UzLvHpVDU4tt5leCy96TkwIBMrv90HPSkwSHBHz9  
hRo0F7plgGUUenHWI7jHUd6bd9UD2sJb+U8UrYZAozj0pJXQ1aOgO+7JBzn  
g8Vf0S2N1qCZGFj+Y89frVQWjFVtbU7wKMfKD/OmvuVSVG7j7o71G+hOyuxy  
bioMmFz1Gc4pzuqYJHB7ijYFZ6oRJN0jZHTtUhAODnrvjtSFbW4D5RxQOc45  
qrANz1B/T+dIQc4PAPlzRYm/UQ7uD0/Gk79Bx0o32BIRhuPOD7etNJwx3YAF  
GodRScryMjtTC3cnIPpS0B+Q1T3HB6UZIPX+tBV1uMmkVYWeTgAdc1X8NQfL  
PducF244xx0p6lR11Otso92zAzjv2xWtIVUbaM9/T8KzNBeMDBA9qaxzkHk/  
XFG4ChgQAcY9utPUBRwgx7ilqMxtdYSmC0X78z4P0rqSiiqIGUbAB0poUug5  
AN3LDHX2NYejg6h4mku8AxRnr2GOKYuh1slvBOxeQNvIxnPP4VF5MVsigvgD  
+ljmmOxO2SqlOnVe4/8ArUjxyDnKn6jn9aBjJopnVFSQRS91yAw/Kmxw6i  
VZLya1IU9hGR/WgQw6exGEmS3HdYY8Z/Wp7W1Nv1up5T/ttxQBntjYkEak9j  
k1HJawNkm3jc+hGKBIK4tLZTltNmH+1EQT/OqyyGEIrxZVUHBDLn8CKZOxOm  
tRRNsvlni/2IT5frVxNQzTBm3uY5PYMKLDuNLru3i1i3d2Pf6cVzHiSbdeRx  
pkBRnGOOQaqG41uclqUgm1SJVFY149uK2dPbCcHkc8isZ30GzQByvHJ+ldD  
EoWIBfmAFPqSalFUMKKAAnlxkgexxVf7NbW5aSJBHI55YkncT680ANhiNijL  
JM9w8rEqMBfwFWgDtyVwe4znFABRQAYBlz2oO4tndx6Y60AI24kDBKn7xz+l  
MCCNRDBiPhoM4/A0ASdB1yffvS4OM44oASigAooAKKACigAooAKKACigAooA  
KKACigAooAgvrO31GyltL6JZYJQQQwzj3HvXm/iH4aTRRmfQ5vPKAnyHIUnr  
xnvWkJJaS2MasZNXjucppPhnUb++IsRA9nrxv8AKuIK7uTjt0+lJ4u8P3/h  
1YLm6tjFayYRnQ71V/c9ga1jHWyepg5OybWhhhpBgMAOelJuAJ35wOnuaye9  
mb8qWom4OhOB1z9RS5KkHHQZ/CjyB33Q/wA6TopwAOc9vb61ExL48wnC9+v/  
AOui1kVGTILgHyyMdR+dOVT9mBJH3wCaWg99ENVcZdTkhA9/ei65KkYAxTY+  
/rQu5nJO9itkiUHTv9Ke67ZiduQR/n8arzYddERhd0HORyc807auFYH8PWWh6  
LQ0S5hXDDjHI6VYtrV5trOQkeck+o9qSV9SjNxdRHsACPKnuJraARxW8Zkkl  
fuB2qnq+rW99evJZ+YtsUGFf7xPely9S91uRaXoc2qPHNZBploXDzhgeB1rq  
rrw4ZriWWyubWOJV3SLK4GPbFOyVlcz1bdkZ+vaLDeCK5spcpZxbZnQA7u+R  
XOXU0NnPA1oDsiJYkcu2aHK5Ubp6nRavPdw22meJLCU/alJfLk9MHgYrZl0m  
38e6bNrWhNBp+pW3y3Vs6YSY4yMtn5cjPOD704zUWnLZilFyg3Bao4WKNmMX  
2qJoWk/gYYxycEfgKoPC4Bzyyng+tVJq7sKjeSu9G+gxyOMAc0NtVQ38WMr  
j61PM3ojVxEVj/tAjYYPWpEJnnXzZAFzyztjHuTVKGP LmorU0tCsoLme5uJJ  
k+zwfLuDfebrxVPubzz7yR0GDtAVj6DoKHFqXKJT+aKxy6ll+53HfNOXGQBg  
Y61Mrijq72GMd2cHB9/WkEZXBbqehBpO8XYfRsQggFe/FlinnHB60PUUeyHo  
pxuY4z6jqKX5EPyAkc4JFNR1sU227ibiQB2HpUJzg5bkcd3NO1hN31HI0iMS  
jd+ue/rXRWHjHXLG1+yrfvLa4w0co3ce2fWspK7ua05xs4yRi6xeNfaj9oYA  
DZjA4qS05jZ2GARjHerjKy3M5W6lrl2WUjg9z6YqRr2WSPylb5fQGm0rbji7  
uxCjtMgZyTtOFJ7UqFgM8Z6Y/rUNXQnLoVd2HbPC7uR6VvxZh8LFI4d+fYnP  
FVCPUIpOysZYwdnHGc+tXdJsLnU78x2MDTtCN7oOy0+VuQ3ZamrpVm91q6w3  
/mLbl9hVv4XypBNd98eN8nhXTreNCQ15vJHYLG4/9moc1h6kaq6DpPnkzzvx  
MkK6jB9muBck8e52H8DDtWSVO4M5AJzj0xSfLuhvm6on0y4+z6nA5Hy7+fcE  
VpelodrlgAFDZ468+/pUpFpamQpJYkjgDap7bQrNngkA49abdtCZNFQ5KEgA  
46+gNN58wMF5HbFN+QtExG64x25xTwdwc9v8/jVJpK4c13sPCAAKSOUtZ1rr  
fDdkYLEysDvlO7nqKm99hOL6s3FBbnv6U4Dk/dx29RUBClZqwAcYyc0rKHwG  
G5R2NO+tybNaAoC8KuPxpSQOmfwFDHYb82Ru5HvS5BB9D1pMLWYgO5iQfb0z  
7UY7nC+1D2EtBrfd4NNHsQaEw66gTt6Yz6A00ZblA6d6e4bPQXkEDoPTvUbD  
JHv0qfMb1ALkH06GjGPr34wTTHYyvEEpSxMQY5IO0Y47j9a3dOtjbWMMB4Kg  
ZOOaSaK12OisYR5efyq/tYMMduzDk0i0hWHPKEfoKZ/F2/CkMCPmww4p4wF6





fEE8U935sMsb7naE48wY+6cg8fSqjJxdyZRT0e+IB0Wz8CXWkafbTCRwDGIv  
A3DDnc7Y6euTXIRjVw4X5vmPQ571tzSdM53FKpciltypG3uP1qNHKvjNZ8yk  
h2dxLiVXj2kbSCPYYVKDi3G7Prjpn6U1aJpd9dhu3axJ6HA49qSZy0JyuFB4J  
oSvqLRasr7SpUDksOpPT3NPVM5PTvinz2ZbslZIXYApB+8TnmlUOA0cQYsw2  
rjruPT/9dK/MrmN/e2OuvNLsrOTTLaVpYwBm5XruOPWovFHiKO6g/svTf9H0  
2L+FOsh9Se9TfbQ1Sucuodid5+b0xjFRjn5iMjB/KqVr6Gb0VxxUliRnkU5E  
P8l6HrR01Yk9LpEUgLKdoOTzjt1qWRlgeEfM2M7u6+1O9nZCXvb7EKgsg4yr  
E78emetX9Ovp7BhMuCqkgqehHpUpXV76lrextaXFZJrMWp6fKl1HLxOejY+9  
UXivR3h1B7+DEqXQDuUPIOOapSutCZQIHUwY55CjIhOG+96UMCiknacjgCla  
xUSHazOuQDz81TRzXFIOzW08sEv3WeKQoxHpkHkexpSSaKhUknoiCNFC7FH  
qMAA9qmKzGqow+bHenGHLEFIWt7sauBFleSrDB9xTWOTkdCcf4UXtYfLZMi2g  
xsV4GcUpGce/eqvJAmrMBygJHCngd6Qj5+Dkk8ZqUmmJdwJJzg5OOBQQBzk5  
J6VV02O7tdjQrbsnk9fwp5C7TkUpNjKX7odgYHJOT1puPm+XjNRzb2Lu+o9Z  
CrlDxK4GQeTW34dkBW6Hl4woA9D7/WnvsUt7sz9Qt1i1JklylQ+3255qiWQ  
3A2Z2Ac5qWtbMbs9UOUs5O9uBwPpTWYrA/ODmqdil3e5WhjMkilo4LAZ9Oa6  
TXnBaGJeijn68VJPN7xljBUEnAB4rZ8J2LXN4bmRdyxnChhnJ9K0TXQuesdD  
2vwrBCCF5WJCqvJzxjFeN+P9e/4SDxc88LFrS0HIQ9uoO4/nWcm3JF0Xyq5z  
gwHIHT/CpAoye5BH41dmib9RHUEBTnBHpp1rVGrXM3hpNLIG+3hk3RqTnbz/  
ACqd3ccW95GcAcE4wSepPanOgK8DB/ix3FSrX1lcbXaISu52APHTgdKiY5YA  
A+1VdNpDcnbuOx8uCcEngH0pApIOQOeuadkhLmkjpvC1tlmmwDxhc+vrXSKA  
QDnlqZKwldkmPc496UDsaWguoL16U7GRycD60xbMbjB4/HHWjJz939aQ3ruN  
IO7qM56UgBIPJHt3o6h0EwQQdwx046ikyQuGOfwp3RGqBidpz6flTRjHUikV  
vYR8AEH9KQnA5+mM0tindgdpXg80xuSBkgigQDGTg/Xmo2dl0ZieAO9OwrqR  
U8MRF7q6umH3yBk9cf4V2Wm28hTesRck89+KTNI6bmshkAwUYEfw7cYpVJHU  
c+4pGgoQ9EBwO5po4J+7n9aQDV2njHPrVDXLj7Ppc20kkjGPSn6iW5p+G7Y2  
vh+3Q8OQSxxnv2rSUAMC+SvU444piucw8pn1C5uycgnYmeeBkUC5OeRx3/8A  
r1zSd2zeOw8Sg98j0zUgc44x/Ko1voUSxXAgmWQKd6Hggcj6VtHXZkhVlto5  
1A+Z1mC4+olreErKzInGxB5+iX8ivNmXuj91w/lnPsw4P41bC6taEsTHqFrj  
lydr49fStU7mTVizZanbXjmKNisoGTG2Qac9ihKsrlHU5DKMH6HnmngNx8UMI  
JYZZz1Y9c0C4WSRkkUqBxyOtAybgDgcUZGcY5oAZIf5x+lqADzHJ34A9M80  
CK2qxJLalLiRhG2dwU8n8a891VwltMqNkFiAT1xmtErxBbmZaDMmRwfSugsh  
iMZ/H2rCUtS7djZ0IA16C/KgdB1//VW8P9nn03cULck5YzxSfK6DPfFQzQoy  
na4I9K7UuXVHK73KcET2sm60le2k9Ynl/MZxWzb+ItWs1xclmoqcYJlhYfiA  
Qe/ark41Pj+80jKxsWninSplQXU32Odv+WUvP6jixcMgZCGVhkMpyCK5p03  
Dc1uFFZjEZVYYZFR3DBVRvJLkHAIH3RQA24uoIZFjeTEr/dUDJNT4IHZNhH  
VjxQAUAJ2pojURCNcrH6A9qAELsZPLQAcZLbskfhTpE8ylo3Q0AKqhVAHQ  
tABRQAUAUAFFABRQAUAUAFFABRQAUAUAFFABRQAUAUAFFABn5duBt9O1cP4o+Htn  
qObrQ1g0++ySy7cRS5z1A6HJ6gfhVwnyvyMqINTXmeW6hZXenXj22oQGKdMg  
56E89D3HHWqDxBtxA6cGtHHlEmxB31e5UZP36IOQW9KnuGKvsHBU4P1pNW1  
LTvoK0kccCMqkyHnHYVX2y3UqjBKj8xUpmklSSW7RBC3XPGDS26FiwIXgEn  
/CnvoZruRgGWZFC5YnH09q6WG2jsyJiAZgcjPYUr8sdCrXdynqeoS3d+JDIW  
ZvvHPQAVjsu9i3B57VMbJXKbakL8wYkLkE5zT0UMxCrg1ovITWlx/I9A2MDq  
ScYqywVV24DEY6d6SsTJ8y0K5UKFGw9ePaopRgsVjAVj9aOe+grJlHmjsuAC  
gY9B3ppGwFe2emcjNDTjIIXuTRzRqyu4bA+9t710tndtKvlSHCKDaOuBTtaV  
zfeFmVdV07IMlphE5UDGaw7G0ub2OeWOP5Ldh5gPDZrTfU5fh0RZ0G0S71lb  
e4BUFPmKjr3x9ah1eFINRdEO5Bzuz3rNy1Zra0kyxotot5qMcLZVWBLEfwgU  
zWYkt9SaBGLlgxnnpn0pLfcqzmijMgVuN/3qMASQMHnGaUu6D4dxGOVG3tj  
j2pWTbagg5Lc7R2p3dtS372wEMoyAD9aj54YnkjoaH+IKIBSOXPaxinsuOf4s

80O17IRV00AOHLZ5YdKRFyec4647UW3bI5Rf4WII3fw+1Dchfkxz0pco3doT  
BLDvzgeprZ8MESTXcf3TgZOalrsw5ne1iDxNcyXGvC4kH3bdlvwArMijKnDd  
Cc1tKUbk4ICzHj5H5UH3qKUbyWYOSRg/jUTs0mmNJplzR7cS6ykGRswH/LpV  
jWHDXshz93nr1zU27GbvzalQRF+gOR7/AIV3fhZrGGKO2kiWJ8DduOArmsO  
3M9Dr/G2sDw14QKWUrC8uQFhIYHj1B9K8SiQBSAWwCRyevJ5/Ws/ilozoXuU  
9txyjggZHP4ipeAeoHqap3asZRTvcjbb5Q4xxnk5P406G4EKMB8wPQGhb2sO  
9xfOyqhlOM8+v/66akv7s7W2sR973p8rW499h5YFy4HBHOP5VHMQZTsA29ue  
QKLO6QmkrYwGAe3bmnxoXeNIhI34HsaLtMT0Wh3mnWy29nHHjoOoFWweR/+  
qpbuzOOiJD064+IAXn72aV9LDtccq9/0pNvJ5ximCSaEz2Uk4pD0J5x7dqQu  
uoDoQw4P40nyhQRwKoo1tcaMdvwpCTu4XGRjINPbcTYhIjX196QtuOPz4otc  
SOGnk9se9NZe5zRtuGkhm05+TGO1O69aegmhvAOAeOvXis/WpxHYSFmC5GM5  
6fWk7lpqL0NfQ7XydMhiYfORnpXX2MbQomDggdc4FRctWepopc+Y2JwxI/iH  
U05rdZR8jqfQHqKDQryW0q5BJwOuOtQsFUgfMp9xyaBC5ToQF74z1rO1TbLA  
yMNwchlX6mpYzoxGIY44kTIFA69D9Kg1GRrfTpZEKbdhtXB71RKMDy0itljQ  
YwOc+tU2J4wCawcjoWgm8g8Vllyw6ZHbmoWmpW5Ms2evNSqwJyvJ9qLh1152  
DAoQGU9RinWI5d6eQbK5ZVP/ACykO9D+B6U1NxYOKZt2viW2aRTqtt9nlA4m  
X5kH17j9a3YJ1nh8y3kjmTs0JB/SuiMIJXRhKLiPWUM207QR/tcj8MU8yANt  
3/NjOOaoQgYH1B9DSN1BA/HFAEUjOBn8B1qUBVQLuPHpQBgel7kRW7KuVZg  
V9O1cDrDkeUnHfIH9a3WkEJdyvZjk9fqK6GyGE5rj1crFG5oyg3DnJyAOa2i  
xYc81aQjMn8PTgnyWjIHbLbT+WP61kT2YhIzW3xv/EGBrRSalcRPssmCV5Hr  
j+IMK4xnj61rzJmNmtBpCuuGCsvSWqy2MhksbiSlnk7WJQ/UE4NaKVtHsOM  
mbFt4nuYUAvrYTr3lQhD+Xf8K2rHWtOv3WOCfbM3SOQFWrOdLrE1UkzQKsO1  
JkjpWBYoYgYFQKPMZhcRjKn5dxyMevFAEiOJASrbgDjpilDK2drAkHB9qAHY  
OKSgAycY7UoGTQAIFABRQAUAFFABRQAUAUAFFABRQAUAUAFFABRQAUAUAFFABR  
QBn6xomma3bmHVLOOcYwHxh1+jda5XWPAEZ0trXRinOSzSthz7Zx+tawqOOj  
2MKIFSfMtzg5/Bmv6dFPeXenERRMSDGyucDvgHP6VzTIJmJTtoevrkH/61aSp  
prmgzFVHzcsIYQKoA3HOOW6U9ZAMKgAJOP8A69ZvTY3au0zem0i3HhmO8E8g  
u3kK7MfJt/vA1g2SEW91J/ABt+pz/niktYoXK4yZcitRa2+Gx5pAJPUim3F2  
7goT8oGMjrim1fREpyi9CIEC+8uByeo7075AwUJ83A55zQ9C5Re5MoRYichT  
/d9aiBBbGWCsOcU020JKyaFcqz/MCcjB54pFcqA6cjGfepTaeuwlyjiC69cN  
9ahZZFAPfqB70K13cq94rQAwjLArngbeO560iwHHzkBfUnrVyfUhKw1dsaYC  
jB7/AOFWbCUnKM+HPKnuOeiTKSexpFOO50NpP9oTDdRxz3p1i9uPFUdoGEb3  
cZV8dMgcj1qeawct22ZVhCbLxz9nlbKuYzt5wNuc1Frlp9o8VC1tLM/ABG  
Mgc9Ku1ncFKNtTT8MWJOO33m/uxCoDE9RxWCkMmoX80yoxjU5Y4zgUnbnugb  
smVZ1AuCOOB260kULzyqiKSzkHI7Vdru5Ekki/c21vp9o6Od90wBbsFPpWY2  
CSwPJ5+ITduV0FuVJMXIUO4Yz26g0x+X+b+IAEe1Q3rc190eAp6n3ANNfGHG  
SABz7VSbvcJWWg8qS4G0KTWkaVzhoz0PQ9KpyshJX0A8A44z3FGPkXHYdKnz  
G1poKqjPzfWtrwchkv7lereWGbHUdqSfOxc1IsU9ejK6xsbgchnH8qpt82Mj  
tRZXBWsOIUJk8mobgYtgCN2WzwaT2FG0XYv+Fnb+1JMgfNDImxnHXpUV3iS5  
mJGCH9evFLW6sXy8z1HWciRSyeaCARgHrV6OSN1ZQ2SR+tOWpCTitNytqd3N  
PHbxtK0ghJA3EkYP9agVNpGVGT71MblttuwFerfgcdzmggIXXGWA/OrTu7Im  
Lbeo10XYdp6+vFQxxnjGAQf0oWupMmloyfO6QZxjPHNQsh3YP1zS5mnqx6yX  
uoeljrbg8/pQellyOnQ/jQ73L30EBzgED5vTpWz4ctBNfmQqSsftg5x2ocWi  
ZStqjr13E54x37U9U4JJGDz71JCux2OOv04pcE8HqOmKEFxbw93tOCR3HFNJ  
J6Y/Gn6g/ITacDPFIVJGAfwpacSEIIZkfkKbtJxjG0e9HUNNHCCOSCaaQQQ  
SBg/pTWoPewHJGOKGyBznHY09xEEAQATz+VIWxjpx61LuwtroGDjJ4oIUEE/  
j60JsdtSMNg+wrH1VVutUtrEgMshJYY9Oc03dahHqdrYxneExnb7V0MS7VDL  
kj37VDZrEIB3jgbdvfuKdlyNzMjH1WkWSLO4ABBcf7QpVnhP+th49xn/APVQ



ASQQSIPsroG/utWCiPL4qgsQysluDI+0ZG40w2OmchyQyZ5znHP51kaxJmSK  
FD8q/MTSlogjuZhcEkNzVSYYY45z+Fc976HRYiz/AHgceuaaxOeSMds01awX  
HBmAOMmnpPtJBB+tKwhBcsXJPOex5FSpLITjqemah7I9CQYCFnz+tNjkeCXz  
LWR4ZPVWIH4iqT5dQtQ2rTX7w4W/tormMfxr8rVsW17YXihYbhFfP8AqZyM  
g+3+TXTGSKjmlGxoqjKgBU/TOQKcRj2Q4+oqhDVUlxZnyR7YxTGk3MMHPPTP  
WgRxviC4Mt4Y8jCeh9Qa5PVCZrpiingADHbitpuySH0Fs1IHT8a3rRfkHPHt  
XLswd7G/oy5Dscg5GOOlahBzxzgdhVIRpZp284wefrVDMY40SziYtDvt3P8A  
cY7c/TP+WKzbvRLqNMpsuV77eD+X/wBehaCaMua3kgkAkieMnpvXGaYd+Mqu  
BWykmYuNhhwx+cD69KY9IFMhB3YPYNgVorrVE6p6CW323S8mwvJl17qcyD8i  
cVt2PivaVj1a2MZ7zRcr+K9R+tJxVT1NYy7nQWV3bX8HnWU6TR5xiT0PoR2q  
c5HBrnaadmaBnPWmNMolSPku36D1JpAB8tJBnCu/5mnUAFI6I4AdQwznBoAW  
kYkfdTd/wLFAArq2QrAkdaXgdKACigAooAKKACigAooAKKACigAooAKKACig  
AooAKKACigBwYg9a43V/h9pV9qX261C2zsaWMDcsTnJHoTmtKc+RmNWI7Re  
Z5p4i8Lajp2p3xNIN9mVw0bAZDjHYjj8PzrlS2BtS8imKfcCquMHRjmt5pOP  
NEwpya9xnR2nh7V9S8KR6p9vtbfSRlirufMGGx0xjk9s1z155cUQt7fJTfvL  
d+DWScbe6a80+b3kON0rQ7ZFwWGM+tVmleMoB8rLgmhSXTc05WxOMYC9+MCm  
xt8gYipsm7mb5pJCgKwbzSVB796f5yYxsA2gCtOey0CMb3bBny+FG0feGahU  
kFSMbWHQjArk7BX6iGTJYbsgdD60wM3TJ685p8rG3ZCiQIMkhmDfgPeum0Dw  
jea1pv21nMUbn5AR94e1C93cUryWiNhfhw82G+1MB9MY/Skk+Gd0gzDeLgdM  
g/rxVKcVoQoVFqM/4QXWrdt9tdRyY6cHINUbPwdrNprtpe3cf2hYpC0oUkEj  
HalaF7jU6mzR1GswxW/izS9Z0LR2/wBH3LcgoAJFI/mDWdfJLqXj46wbB7eC  
O38ofL97r831o52xqMV1K+loYrx76OULPlcbUySO34VmWpm0jSLgpG5mfOf  
IzkEnik1rZFJpdTAsdKudRvhHBGxdzuLEEBfY/T0rX1k2GjWqWmmsZbwZM02  
PIH0NU9NGRH3nzLY5uWQOxZznPvTCvU45PGPUVK5kac3M7IUgkAE44phQIWU  
+o57inonYPVjm4IJBj6cU3DNhm5PcihPleo3fYkGDknoR+NIwAPAwfaqTLlo  
rsGAIHXGc9KavLDIOOAcqzvoTdt6CqSWO7ovArd8FSx2uvTTzsqqbUjDHA  
JB6VaahqTZyepD4rvU1PxE1/BbtaxSRIBEexAwaykTaML24zWcW7FyhZoXly  
QP4T/k1FdDbtDcjPYdTVNWVYeuZ3NHwyvIG5mfoiYII+tVHbDvkdTx60IK71  
ZVknckeSwJyM59ad1KIThu9DtYObmdhwQsmCT161KeBuA289D/Oi9x3a6DuD  
1PzHnrSLkru15pWTdmCXYQnD4Pc4H1poHzFIGBx09ab93QIJvoD4D+g7VG+T  
gZHzHr6fWn6j5XshBGMAA8D/ADmgH5my2B0zTd5aC6j1AyNowfT/AD3rs9Ft  
xBp6bh+8f5jntSexNS10jVGMj5SaeFzx1+tRcXoJ1J4HXrT+2ccdaGUM9gN  
vseKMZlyP60xWvsOwCMdvSmYAwGAJ7UITuEi4AJ24ppYAcYGfSI1BLqJzwDk  
Y6Y70jZGSOIU2thbkZweQfzpMnHAOaHoO6EB3qSFOBxz2pByc/zpXYaDSMr9  
7H403cCOeD2pp2DcQsR2GRzzVHQ4jc6/PdMARGML6dOaTa2GrdTtOiXdkDj  
POfWtuMjGPI2+h4rM1QvUnBC/hRs2ndtxnr2zSKHfI5wRj8aUp02mPI7ZwRT  
AhlkWCCSaR9qluTk4rO8HoJ5dQvyyMrDZ7DpS6j+yz08EjacZI+UkEgH61iX  
1jqCO8kiidepeLnH4U5aoUdGY7TZJUtgjsRg/jTGYsAAvHqaxUXc6Er7EYRm  
OS4x6Z4FKYsDI1x17mq5PMpRY0RH+Eg+mDUMysikMhBqXBoTiVRlWod2Qf0q  
QTnggnHTrWctRkyTk9e1WEkDY4J96nUfQvREKgGcH60/73B2k+pq07lJcuWt  
9e2OBCxaMfwOxI/WtaDXYZBtvAtrnjeMEfj6V0QlfcxIFrYuCJZF8yO4WSM8  
7gwlpZZbe2t2cSwtl0zD1rbUzOCmm8y5ZpMr8xzu9MmqI+Ink3wOGTA6evv  
VzScgv2IYU2gEcVs2o+UcZrme5fQ6LR1zbsyhcd/Uc1eKdMHI+tVEk06KoYU  
o46GgBsiJLGY5kWRD1DDNZI1oVvL81q5t29CNyn9aBNXMybRbxD/AMewIHXd  
HIP681mlWjczqMrLxiQbSPrWsaltGZuBjnjDgge/SIkSNI+RefUGrXkZ2sVJ  
LGJnDsNrDsrIf61dt9V1m1CokkMsCYAWSPJIH+1nk+5qm1PSRcZO2pqw+KLX  
djULeWz4++SHT9Of0rbtp4bqLzLW4imjvRuGH5isJRaNU7ixxhFZhGEZzls  
HOaUc9QR7GoGNWSNywRgSpw3tTqACloACT9aQZxyMH0BzQAUAFFABRQAUAUA

FFABRQAUUAFFABRQAUUAFFABRQAUUAFFADgxHv8AWuO8V+C01h5Liw8mO4dc  
Yc7APcEA1cJ8rMqkOZXW555rOhano9ssGpKwhVvkSORjGTnIOBx71gOA5eQH  
oefb2rRwW8TP2spP3iGSN2XsrA5xUmzCAKMDGOKItlpRabQ1VPmenrikCqVD  
dFDY980m1uGsVZDJAsz+QMg9M0wR7huB4+99aafugoscoXbzklh0/wA9qblj  
MMDg45x0qVvcJLZDSoGd2CemO1BU7GJOfYVfMm9AcUUrkJkEZ2tMQox65F  
e+aRbra6fFboCqQRqgHXNZzlfRmkEIHQ0VOF6n8Kevopz3HNQUIWOeACfZf8  
OtNLSN1X8AP1oACPI4/I0owSOEQr6MoJoFZMbliMMNGuO4KgD6U0xW5BD26/  
QqP5Yp3aFyJkf2az3ZS3jVuhKAA1VOi6W+7dZRknqTgE/pTU3cn2UbWIH8Na  
LIMmxjwfTHH4YqBvBmht1tQFxxhufx4q/aSM3QjsQ/8ACDaKGYlpATwDnI/I  
VO6+H+nSNuSeRT025wP5U/aX3QIRcdmQN8OLNIHI3rL7En/Cqj/DVlylb5eD  
0IP+FUqkeqBwnvcrv8NNQKny7yJuOPWoH+HesR/L+6Ykds0+aDViG6qequVp  
fAeuoTiBSuOCM9arP4O1tXl+xkjg455pWjbrI+0lfVETeGNVrcSWExAOflU1  
FBouoJexiW0ISpCSzBTx7UrN7vQarW0SLHiCyuJb8PFbSIF6kKeOMVli1SI  
M0T4PQbTwadvd0GqqcEfkMjsXXgAjpx9fpVW7VmkRDkZ6e5qJczRcZJ31NP  
SWMWkXjNwzMqkeuKprG2wbiAM/nRGNtWHxPccYtw+Xkk8CmGLYxAoeOD6UPT  
YhxaY8qwKjg4JB56CnqrLkn5xjAqbovVvUVx8gIGcdcDk0OnybgCB/D7/Wml  
7uhUiHYSe+OufepY4wlxnhv0obfUV29iu/8ArNpzhTwQaEJZmJGd35U+g0+Z  
DivyguMZ7g0wgEnC+2P61LIZC2dzR0208+9WMEbQAT64ruEVRGMLjAwKd9EQ  
9yTbk/Ln8adz0IGBUDsOC8Yxj6cZphwRkECgfoGcjkCk5xnB9QOKoXkP2g4  
l6fqaAOSAAMUITGOVHdc++KjJAAGf7D0otqTdlcQgZlycellSemOPWjqPpc  
iyP7pP8ASnKehJ/A0SJS6oa7dATz1zUZB3nnjGela3qtBCAOmSf5U0jJ6c9q  
Oa4uVkf5ltvayS5wQOas+ErYR6UHZfmlbPPcA9a12ZpHRaHZWKYUEKa0G2so  
Up09Bk0jUUYIxxADpng0hOCcHI9SeakYgdGPOVJ6DFKVGOMj6dRQBzXjm9Ee  
mQ2Ubky3cm3gY4HJrpfDlstr4fgj2gbiWJlwfzp9QlskaiEAhQ2D35/nVLvt  
cg0xRFAqzXZBwV6L9cdaocY8zscxI89/cm4uMF2HLbQDUr25hIWeFkcjcNyk  
Ej1rlq1Wr8vQ7lqK90eqgYwB7Yp3ToPxxmuWU5aO5ewhVHHzAE+wpjWy4wrn  
6HkVcK0oiaK0tjbyf6weSf8AnsoGB9RVXUdHutORZDPDeWcgyIxb9M9wRz/P  
mt9KuqMndNlziJGWPSplcgggnFRLQdi9BMVUBjz3zVpJx3wKtlkmWQgZOGHo  
arzTCR8AkY7Y4q4ysTYYk8kTfuZXAPVVY7T+FX9J1AxuLa+t2e3Jyk6r8yfW  
tVV0sYVlrlual5piSBXO14XHyTL8y/j6VymtWI09CYgSp6ccVtFXOeN4yKlu  
xIAP55rctchOfyz1rmk/eOk6LTEXaKwJyTxg1bxtGc5H5/IVxJNSiqGFFABR  
QAucdDUc0ME+PPgjlwMAuoJoAyZ/D6Esba5YD+GOUbgPbPX+dZVzp11aoZZo  
HRe7ld3HvjtVKTRDjcqlxYZUiRe22pFYkY6GtU1lyaaFeJGXlyc8nmqUmmxl  
zlkRz/eBlqldCUmti5Z6tqGmsqlvPgX/AJZMfml9ielbOneJre6cpdxCxHZ5  
ZRtPtntUygpao1U1szVgv7S6l8u3uo5nAziM7hj6irO04rG1jQbRSAPx/Sg  
A+mKKACigAooAKKACigBaSgAooAKKACigAooAKKACigAooAKKACigBJUjmkJ  
TRpKh/hdQwrnNR8D6FfGRlha2d+T5WMZ+hFXCo4bGc6cZnH638P59NsmewLX  
wBJ+b7wHpwK4y4s7u1kKzxNkdBt6Vs0qkbo5buFSzKqKZZ0hiwXY/hXWQ6TC  
lqsEkYLHO4kcnmuWq+Sx3UoqabZTu/DbEbrds46LisKfT7i3JFzEUOeoHUUo  
VeYU4OOrK+FAYD5vmwD7U0cnDFiM9jjNbJmO4wqMjgge9MjAOSwIHIGaaa1J  
W6Q/QbRr/wAYafbqo2fce+Aoz+Ve6W8iKWwq4LEfLWLD2bQ0RZjz17ehI5q  
cglQQ3HrgUFIEkcDOe20YzSZxyevTB60wEGDnJAHoetNAXIJkwR37UgFJGR+  
8BI6E0fire+KAG5BGfl/xpDz0w3saBBjB+4Md2Bp21duVycdTqQAgHXgEdqM  
J1x83floGBC44Bz+hoBAI5wPegBzNkgkLn2AGaFkVgQA27oDux+dArB948sf  
w6flS/MpzhVX680BYPMx0YDtlhnFDgVw5V1+gP8ASmLIRGscQyBHH+Kj+opD  
a2zAh7aJs/8ATMY/IRdk8kX0K0ul2EhIks4fpsBz+IRtoGjSHD2CFvw/wque  
RLpRZC/hTRXjK/ZVVe4Dcflig8vgvRGUbrVwO21v/rUobe4ISS2K7eBdEV96  
eYje5/8ArVXuPh/pL4LTyl3UHt+lxTU7dAITk+pC/wAO7JmPI3ciNjtyD79K

rP8ADzH+pv8AOeRuU/4Ucye6Jamtisfh9dh1VLyNj1XAP+FMf4f6ln5Zoj6g  
8Gi8bRIPqiM/D/VwqgGMj1HJNVG8E61Hu3wIVHcZqrx2RLIJPVGdJ4U1slG  
Nk5l6beh+tZt1Y3Vm+y5hkhzyNw4PsKTSsUqnYr8Bghxgd6jTDHbgik03qXp  
qdX4at1iaV0w8mOa6AdBjg1O5CVnckBynXIH4Uu7t0Pp3+tLlsO9xolz3z3  
5o4ydq03toTfWwpwDg7c/XpTTgEZOKEMBnux+tByQcnP1oBOwzqOTx60jqR0  
5HrRYl6iAfLzyfrTTwRzQVsNlxzximlh6Z9/ShWYrNDT0xkZ9DTSwwM/pTYK  
5GWYZ5BBHHRsI2FABYCODSsNuxm6wTNHFbAHdI4Xj3rr7C3EaRQpwqAADtSa  
S2LWq1OgtVKgZz+dWSMkEHBH51JoBBPf5u2egpocqcbd34dKAHEFuuMep60w  
REMArscnoCcUrAcJrDHU/HKxKSY7SMIAOm5v64H616f5YijSNQCqADHWiO9w  
nukVdWvk0+wM+cSv8sYzyT7+1chEGd2kcsxY8lJnJ+IE3yxub0l1ZbUt1U4P  
rjpVu81G5v8AyvtiwhoidrRoctn3z+lCck9V3NuVXTKX221LsnpU4I6EGr  
GfIBUEj1zmp5e5YoJzkjj2oyex/Ckml0GgfXn8arpbRw7zbqli5ywXox9SKq  
EnCV0BRuLBJGUJHL12jgN9KpoGWQq68j2rqlaeplJWJ1buTzSh+eKEZkvnN  
tl5/CtPQdOW9iMki5PYE8UW6EylodPb6MqAb1AP1FBsdt6UdE8sgbcHg/wD1  
62UEjnkrla4t59OdmsZgVb78D/Mre/sa4vxJcsblLd1ClskgduO9dlFKzZgr  
+0SKkOQR0xWzbyKY+w44rierudTOosQFs4wRt44GKs7iD8xDj8qqOwGnRVAf  
FABRQUUAFKCR0NAEFzaW13/AMfEKs394cN+YrMuNCwpNpNk/wBybp+YH+NC  
dhNJmVc2s9iM3MZHZgdy/n/Al0gllwPnDr6gdq1jK+5k4WHLNbyHbNHsb1P  
SpE062uVljkUg9M1e2xDTZBLpNxA2IJWQj/nmxFTWuoXdtN+9xl3QseW/U9a  
T95alxk1ubNrrFvM22aRIW9CRya0iPxHY1i1Y1TuJRSGFGKACigAooAKKACi  
gAooAKKACigAooAKKACigAooAKKACigAooAKKAFBlqpPpen3HmebaRkyfebH  
NNNrYmUvLc4u58AtbatPfaa0Txuv+rPDDGenHvVvSe2b9/EwLdyKmtH2upp  
QfJ7rDYoAIP+FMkt0lXbJGrL/tAVxrQ63aRi3vhqCVzJat5TZzgnjP0rnbzS  
rqr5aPco/iUE100qiejOkpScdjPflzke30qNgoy3HBHB71s9Hcyatsb/AMNL  
ff4jvbtckwwgKfdh/wDWr1SGLZEAVHue1Q9dio7FqLgE4yPfpUwycZIC9vX6  
UFg+DwcD/axxUTKWfO4AD8KBAQSpw2c9aTAUZUg/TtSGI2TgmQEduOacQCRI  
iR2x1piBhng7SPUDpSbWxhOB6/4UAKS5x84JHtSBsE71Dj0PFAxxkTaP3TAe  
p6UhKkYVST6bqADewHyl1HcZpVYE5bJPtyaAD5RzjH0GKaHXkd+5YfyoAcC  
uMr+PvSoSM4TAPegBQdoGASaRn3A7UAPXAzigAU85ypHfjmnEZ9APUcUANJ2  
4OSw6Z9aVWUthWBb9BQApz0yd1FAUEKQD0yaAEZecqu71I6UqqmOVb8efyp  
iGnCthSQPWnPHIFDbIHrkdP8+tIYOAUAbdn27U0rkcc/hQIQKQCBwPemOyqP  
mJNAWBm3gHC5x0AxWH4vt7e68NXJkhzNCu9Xlw2PTpSd+gJK54uWEg3gnnkH  
8as2kTT3gjU4DNnI9PStk1ZliSauzvYIEiRUKgBRgDpU/wBMEYqG7shaKzHD  
APAoLAnrz696Nyl3EC/NkMaeTk5FAvMaepPT8OaUqdpwRk0Ba7G4weTnPY00  
5yB2HpxRuTbQTPHzEe+KMZBwR7UXGlcQ8KeRkdB0qNxn+ID696dwnbUj3Y4  
GMUUhUdTSFa5Gx54PHpUZzjBUZ9etO9gs+g3nnaeR0pY+hGG2g9PX6UdClvZm  
fp8f2zxGpDfLAMuvXt1+td3brucA5YDuetJtDiveNilAIAo4xipVP/PMg4/G  
s73NRxJPPf1lzTSpBIYdP7vlpqIQy8/qOaa8nlQvK54Rc+mKSA4T4fRPqGtz  
Xr5czXDuGbgYBIX9BXqBZi5x69e9Ed2EtZM5bxLKZtVWBcbYkHfuRVNBgdcf  
Ws68rKx0017qJUIB65+vepEOZBngZrje5v0Mfw3bLd648ssaSRhmZxJ0x0H8  
qw5Lu7tbsx2UrqAxIVckYJOK9CEfKnqcTqtVGyzD4ov4XxcrHMR1yvJrbOtL  
FAkt9Y3FtE/Cy7coT7GueVDXQ2jWT0LMGo2F1/qbuPPYMwBqyFB5GGHcrz+t  
Yzi1ob7jWTeCvQVTmhOcSNk9nl61pSnb3WKUobopHKkq3Ue1LnjrmtJXWhzvR  
jXDOpC5GR19K7rwem3Ty3+yO1OoskZzbZvkk96bliyoUfp29q6CDNnsLgNlb  
IQnoBg4rh/FmmG2IS7QEoSQw6npWkJPZEJWlcoQISAcfpVIRyAP/AK9c7ujT  
S52cO6OBFcgnHAA5FSLJkmqhsSbVFUMKKACigAooAKKACigBQeCOx7VSuNLs  
5zu8swv/AHojt/TP+IAGdcaLcLxAYtP3ydrf4Vl3Ns9q4EySQHsW6fTI4q4y  
aM3EI57mljD5X0U5q0ZYbhBkAOB1IHP0Na6PYy9SsbSSR9sQIPqM/pUrHVdK



KwrfAR9duA+Pz5/WjR6MpS5UW4vFUQkVLqyljHRpEYFc/TOa27S7tb1N1pcR  
yj/ZbkfUVIKDiaqSkromPHWkqCgooAKKACigAooAKKACigAooAKKACigAooA  
KKACigAooAKKACigAooAKjktreVAssQdQMANlv60Ac5qmhCKV5raNheEQuQe  
axXjYHCqXAOOIzVKfNqjaFS2jERRg5AH4dKRowRIIBGOhFc+qdfR7mPfaBZ  
XuSqIN/VTgD9K5zVPDt7bl/kgTpkjmt4VOjOOrRd7o0/hlHsTVFbKT7kBQj  
BUYr054yiKFz05wc4q421sldGAgCsFPsKfxyCfYjmqAaSQSQxz+dM2gjllY  
OuDJ9KAF8sEE7DmmspAyuQfemlbsJxnA9h1p3lor8gkjoQellY1ti89vWICZ  
GSSB7HmgBBGBIcAnjrnOKk+YHov8qAF3ZJyD+WaadxOlyQR7daAA43AIT7ZN  
GSx+VuO4oATP6egppCMwJQEjvQA7nIPJtQCmMA4Y9Mf1oAe4AUDIB77WBpQ  
N6/LIMdsUAB3KMs24DvxQBgYJ/PpQAgUg53j8TmgIm47dyFvj8etACIWAyen  
50gzjpgdqAFYMMH+mKd5jYG/HFADARu+f5fQk0odduNrZzQAm5QDu+UZ9aXG  
eVbK+vegBu07sjkfSkJHcce1AACB9R0rJ8Sr5mjXRvNzVkJ3Gk9ECPDrfEiK  
BnaScfgTxXQeGLZ5J2uZQCqCdb0Oa0jaxnUbTZ1gUHGFwz1pwl5OT9TSlS2O  
z8uTn8OINyoxxgewoQxeuAKFBjxxkfrQAN0yDjHv1oDAHAOM80dAEZtpUUU3  
AwOD+dNEiYwOaa5ONw9aVi+mogYng8+nFMY4bpxTluRkgnAP+FNOW4Bx25qX  
oGrehGQdwG3lx2prZPqe3TpVCcmhQoyPIOegwOajnZVQ5HzY7HGKerFFIj8J  
Qbmubk9ZGxkf56V29mpPJUAcdis2bJWNJSAOePwxUmBxhhz02nNSaChsHBB+  
uO1AABayPbjimAEYyTtHv61zvjnUP7P8KXTLxLMPLjPfccYoKirsd8ObFbfT  
3bOPKQKC3c967Fc7htP4dvzoirEbts4++zJr97v6ggZ/Cm9M9SPSSa+6OuD0  
Q5evR/rjirllbx3DP5sjRhELbgK5FrJGkrpXMLw00kWkapeK+wQw8vj1Y8VS  
0bTby9vXeJIEjKgbritikOf516q0jqedJ6sy7+Bku3jITcrAfJyp57Guj1r  
WLM+GtPsYZxNLHI3nRDqp6jr2rSNO802Km7SRybLsYsowCc8H37Vee4uLaC3  
FvO8ZbJbBrGUyTtG/O07otWuuXpm2OUcY6kcj610cZNXbqXXlucVx1oKDTRv  
Sqc+5Unhl4ZgWHQjmqbFvuqat+8k0E0aVlajE0jblSdrN3rtNDtRZRtCHLq  
F4Y9f8K0guxyft62NSgkAEscAdT6VqBI3Gt2CSFHaQjON4UYFYfjSS3fRojBI  
knmkhWUjitoQfMjLni3YxbS3yoXHAqz5KiWPlyc8VySV5Oxrc6ASIBsKn6k  
c0uSOH/WrjSl6CiqGFFABRQUUAFFABRQUUAFFOz8pB5B7GgChLpGnylj9n8  
tj/FGxXH4dKzJ9Dul5ieKZRYAfIP4D/69NOxLjcpzxPA5jBaNI4YPkMPzqRY  
Y3JZW+Y8kMa1UrmTil0EZPzAA471RI02MvVTejdirEVSEvddzWs9Q1K1hAne  
O8AGAGoxv++q0bXWbG5kSlyNBOxw15htJ+h6frWUo9jZSTNIqR1FNqCgpFJb  
Py4HY560ALS0AJRQUUAFFABRQUUAFFABRQUUAFFABRQUUAFFABRQUUA  
DKrrhxkemocVE9payRFDCoHqBzQBkXhh+1jjaSKV/M7B8c+3SsCSC4iZt9vKB  
nHKE/IWdSHMtDSnPI3ISuThVYH/aFIUKEKygsecYrnatudCaal0gSKYyxoEk  
PBZem1tWesSxol5pnhUdCqBs1UZtESpPrQuLqJYbo7qCRT13KN3401tVIHaO  
VR2/qa6E7rQ5mrbgNVbgiGNvfGAakOqcfvLNMewFMBDq9mpG6yf8G4pf7TsC  
37yKaPPvkUXFuO+36aW48zp1wKBc6Wx+W7kDHseaLjsPVrPPF5H9GA604pGW  
wbmEMOme1AD0tRj5ZYT3AVqDZysesJ+rZNMqi2cvO6LAHRVbFI8Mp6wygD0F  
AEZhkJz5cn5YpuxgOVbj2pANIIJLKQPXH86Cdo5Ax6nmgbu4N/F19qeoOMHr  
+VAAVjVSVADAadf5NO2hs4BHHPmgYbOOFyKTORKcfUUACo27AJPf7v9aPnQ  
5U598daBCMWB7e2OtLuyw3MCD3zQMYWIGovvSoW7rgkd+aBCbiPuggem3pTw  
xUfKrgn0PAoGIGwp4B/4DSYQkEDB9uaAEDsQfWk3fLxnHvQAob0Kn61l6+z/  
ANmXIKjaUI4PP40NXBHiMMTqkaFeSxAHTvXd6TbG309IsEN1Jx3qklbQymve  
L2WC9BTg2cfKN3v2pAvlepznj5fQdqRuuADzQmkw3EyAMHR6k0gGBwTmquib  
2dg25xnkflilYcfKRn2ovcHotBhGWyOw5pCSByCfWzQIYm7ANkcDp7Ubznpij  
0wKVim9NCNiTyfzNRuQDkdO/HWqV9iBmc4+X8qQ9Tk5Hfnmh6aDWuwzB6Amm  
4xnn9aHohasTIW4JDD3qnqspNjKzMNzDbuPc1PS44vU2vDtt5OnwDHIXLduf  
611FqmBnPA9ag3XmXN2DnAb2NAOckAKx/KgoUNg/MmR654pTwOT1oAAowPm3  
A9Np5rz74hXP2vxDPoIcgn5rgHpgcZoXcuO56F4Xga28Pxl05IYtjHOM1ph

iGB2/pn9Ka2MkcnqsfleJbkKcxyorjjpg1CBIsHj6VIW7nVB6lcAFPYkgfW  
pJ5vI0a/mB+5CT056iuOKfOjWT0MrQtIhuNOWQyTCZnEbljZR0B6H1rU1fXN  
l+3JYXlis6D72MBYx29816sI3PNleTMXxLda2WtWcdptezZfMV15BGOhrClj  
kmmfEJ3HoVXtV35RCNbzZ2sjKSMaKd62I9CuNR0+a+hmiQWi/MsnG4d8Vixu  
5reKba1htrBre2WKYKd7qcbhgcfuU8Y2xloB4Fc+lilFNnVQEmUsmFA49Tg1  
Sgt3n1FGHEZXp71FKS5WjepsdLFaM+nsoVcgZQ4zk5rb0mzczQl2xg+CGBrog  
rROD7RouVjXc7qo9ziszUb9tmyyaKQn72fm//VWsVdjK7IpWkKTAJK3ITfwk  
jIPPPQ1k6rpRwY5EaGQZZdx4Y+2OK0U7M5bfaKlq4jYq6gkda0rW0N/IBDJ5e  
0/fl6VyvRs61qa5s7mNTvjWVf70Z5/KoCijjkHuH4xVIGb9FUMKKACigAooA  
KKACigAooAKKACigBJUjmTbNGki+jLms2bRIW5tZngPYH5h/jRsJq5nz213b  
A/aIN0Y/5aRncP8AEVXjeCVilpAcvBrRSMpRJSYgFEgI9CP8aWe3SZQMcede  
e1USVYlvLak2VwyE9Q2XBH0JrQtfeZVlj1K2Ces0PKj6ryR+tKUb7GkZdGbd  
tcQXcRktZRko4OB0qRgcdch3rI0CgkAZPSgAooAOIFABRQAUAFFABRQAUA  
FFABRQAUAUAFFABRQAUAUAFFABRQAoODQ+XXBIA+maAM3UdLW5QfZISOU/ebAG  
fwrnb3SNStcvIoli7ITnH6VE4KaKjLIKa7QMMpU98jFP255x+NcjTTsdSd0M  
ZGU/uh8x7gdamgvZIXHnoJI++BzVQk4kSipGxb2ltqUXm2siSese/DKfcU46  
Vcx/dtyw7DzM4rqi1JXRyuLi7EbWV3HybJmHsQaZlkWxEltoqjoCmSKoViPb  
aAESxMT15BGKQxoVzG6FTwBmgByWbO2E8sHvu609rKReil/uDxSHcjXTLI2D  
QwMwHffSSWtwpxtkVh33GgV2hCtyGGPM/HJx9aRbi8jYIJmA7EHAosPmJTf  
XuPmly+gxnFPTVL1fuSMT33JRYLok/tW+HJZSP8AdoXVpTnKQk9vk/nzRqF0  
L/a7biDZwk+u2nDVIjkPYIPoQM0D0E/tKwJy1htPT7wzSpfWWcmGQHsQwNFw  
HG9sWICtOvqSeKkMtiQCZ5EXrkjOaADfalSI7vjP8QNKhtWbal7Hn3OKLoBf  
Jhzj7WuD3Bzj604Wi9VmhbPTa/WgAaymxmMKR3w3NJ9lml4jyT+lpgNNrd9R  
Gc98cUbJEUhoZWPfatIRGW/vBx/vLTGI43EBexGVyPrTGMZyB91tvqaN/Y5x  
15HWgA3JwCWU/wC1iqmsAyadOpx/qzz0/wAikB5DokBudUG/BWMk7z9TxXZD  
O3lwfQAVb7mOrk7jgucf40pGOAWGeRSCStsDfd65PvRubABwR60hWAPnrgem  
RijAznFMBMMDzxn86B2IB/GnohPsI3GMAfjSE8/MfypBfoMzhupxTic9eB6m  
mO2pE2HG0nIPFNI7HGKegr3I5AQ3DYHQ0m3lyGpdCYuzGSYB5NRsDgFeR39q  
aJlpslwx1A4qjfl1zcQWqfcJDN68HNG6KjdM7GzT5BgY+lbUC/ICAMj0rNs6  
I7Fhdy9D+IOJBOCOPUVLKEMZPcN6dv0ppUqTkEmnsAbtpBfAA968wRjqvje+  
uB8wULEjemM5xUvZ3GtE2j2ZYxb2sMGflRQOe1IACCAfqOpq1sQtjA8UQbGt  
bwDBUIHPTjtWbwTuHG78azqq8TemxCEEQM9vSn6nn/hD9Sc4AkAjH5iuanG8  
0bTdoj9GIMVjp1vj97M77OODjn865qx0XUtQ8QXEUIjPfkZMF5AdoHPOa9JT  
UYvzPOfUfqWmSwteXEbh7K1Kpv7M/wDFt+lZwv2UKyqTg/3qNGOOuR7edLm  
4USS+Ucgjcc5rpreJR4ZkjbY32iYhcDJI3dRU9RPTYg8SIG1WK1SPyigFd2  
7JI9atvncfT+dYYtbHZhndCbc9Rmo4H8u9HzDB6D09a5qO5tU2aOrsY1hj+V  
9w6mmmKS8nYQOYgvXbwDXcJzy1BosQYNNIzt/tPuqWDTIgmBjKN0IPX2ouU1  
cS+tEkiwXX8Rg/p1rlrfxHJZ30lJfxtD2AxtbbI06/mOPr71tTipJ3MpRfNo  
Jd/ZJphJpsrOH6q3BU9a6bS7dbW0CsDvbk88VhUj76NY7alwSEE4Uf1pHKyD  
541I9SMH86ZRYooAKKACigAooAKKACigAooAKKACigAooAUEjpUVxBFcgecg  
LL91xwy/Q0AZ9zYmKIszeeg+9xtKj1qilvFIC9IOCB/DmqTsZyRHueIkSxHr  
/CKkSNZQTAeT+daXRna5VazuLaUSQzzRSdQyNkH3I6GrMGralasRdRi9jxwV  
ARI9zSdpFxbjzRtNatrggSDyO3LA5P5VpKSwDDbtPTac5rNqxoncKMjOMjP  
pSGISqFVPBbpS0AFFABRQAUAUAFFABRQAUAUAFFABRQAUAUAFFABRQAUAUAFFABR  
QAuaM8YIyPQ0AUbrSLC6YtJEAx5JUyzWNqOii1w9rIXBH3WPSpkuZDjJxMve  
oJU9uuR0prqrAEc1yOMkzqTTRX8n95uVnRweGV8VqWWvajZkLN/pcQ6g8P8A  
nmnGTi7ockpqzN+x8QWF6Qgn8iY8eXKQDn2rUywHPPuOa6oyUlocsouLswLB  
hyAR+dQtbWrn5reM574FUSQvpVg5yINp9VJFQnRbfnZNclewD9KBWGH5Acx



ajKv1ANNbS73nF+j/wC9H1/WgBhstTThFtHAHBUIfwp27WNgSWzjMY4wrgmg  
CFhdqctprn1KkE0PLNINs1nchegCp1oFoM8qMSKXsrsseg2f1p8ltG3H2GeL  
/aEeT+IARlj+xW2P301zE3oYWx/KoXgt+0mQOckYNAWHfZ4GGTIAPU+IEdlZ  
ld8d1vb03DFA7ANNaQj9+FTs1K+mNGDskLEc5HOaA1GrppfGJdrDue9Emn7G  
G1wxU9SKVko7I/sUxBCgkf7Jlp40+dl8gKP9nJBosF2RrbzE5V2U/wCyxzU0  
VvMT89w6D2ByaAuyYC+U7Umlx75/MVaV7+KLFJcAj6DloGOF7cj7zqf+A4pG  
vphkOsJ+o60AJ9unRB5thHsPRgQAfeo3uJyN39nwbD0O6i4Awt5Uy9iM/wCx  
LxWJ4rnjtfDI3JEuxfLPBOTSy1ucF4btjFpqSSoBJNyfPk1sj5QQFYD096s5  
2/fbFGRg5pw3HHX8aNit9Bxl3cjd/Km428LjH0ouJpiFcj0PuKMYU8/XmjCQ  
wnocfnQGxGSSR79qbJ6iE4YgKQfQ0zA4DA/jQHW4Koj+Xkjtik6ZyOPSkGth  
mVIlbjJozjqQTTEu4wjlyeg6VGQwB4APoKaE1rsRnBzx1680jLgc8DtilrsF  
rvYZnAzyCOpqDS1afXJJSMqoCgjrSdyk+x2lrGRjbjz8q048AAcbvY4qGbx2  
JATnk8djk0pGTITk+/ekUGCBwrExp6vhfujA9eaAM3xBepZaHc3DsE+U44x  
+Vcb8MLCS5u4JpAQZpXIOfTmm9htLkBPWZHy5bAAJ78nFIUHHOPTcetUQQXt  
ubuzltmUfOPI56HtzXlx71XypMCSM4I6ZpNXRrTeo4D5sA8/WtWXw/d6v4MW  
2t7lLaV5DIA67kbnjJHPvXNT/iF1PhOR119e0+1t4dS0t7RrMnyb22y6EnuS  
On44qzZ/EFprlx6pY/aZANv2i1ICE49ef5V3KUdEzldmZ99qsmuz21mltrQ  
P8lvH79cnvml8V6Xb6RqiQWzsUeMMysehl/VSaIlj0OmEI+zuZdoC94oPP  
cV1GmX9tf29lpUKGNo3aSR8YJ/EdfpU7M5Hcbfsrel1hRfIXbtzzj5T/AJxV  
5mbflsda5sV0OuhtoXAunSaePLlaPUUySjDiQZ9celZk7ASK+OQcfWsYpKkK  
apPW50UdwbewMrMCAvAz9K1/DystgzvJLN1H1Ndn2TiW5p5J60ZpFkbwRS/6  
xeexzXH+ItM23a3MS/N0b34PPFNdUS9NR+iWO+58x0wi9x1zXTjAGAEJ/WsY  
X1uUGe5z+gpu4MOMfnn9a1At0UAFFABRQAUUAFFABRQAUUAFFABRQAUUAFFA  
CgkHlqG5tbe62/alt23oQxX+RoApXNjOGVbMh4z/AAu2Cv8AjVVTJYU0bokM  
rD7wwVl9RmmmQ0WI54/K2MiSH9TTHjib7rLk9sJJ2qySGTTVdCy5JHXH9KdY  
/aLeVYRdGOA5IXaDz9T/ACo3QLRmpPeQQLI95+iHH54xUsEsd1CJIGDxn9Pq  
KzNQWJUkZ8Zkbq3lz+FPoAKSgAooAKKACigAooAKKACigAooAKKACigAooAK  
KACigAooAKKACnBiPpQBVlsLWSQSeUiv3OOtULvw/b3LNLDLLBKR8oGNufcY  
pNX0BXWxzzpLExWWNIK5+YIQMDvnnTFUv0TPuK5pQsdKmmhJIVfKup9Dxipr  
TUNRsMfZ7hplx/yzlO4fQdxWafK7lu0lZm3Z+JrSVIS+ha1f+82Nv51txvHL  
EHhZJEPQo24GuuM1I5pwcBCSOowPzxS7htyxwPXFwQAdSMg8dOR1p2KADkfw  
k/jQWYcZx70AAch7rZpcsRxQAmT60yQNJEyCV4yRgOuMj6Z4oAqx/KY7f7e0  
joP3hYgOw/Dj8qW406znJeVSG4y5bqKBWk2j5vl3hEziVwWVzldvpj196tv  
pmnSPuexgJHqHAKYkil6NYf8sonhP/TKQgflFINEgBytxcg+vmZpDD+xkPW  
9uj7b+P5U8aYMAleXWOnJH5dKAF/s1cY+1XPHow/wpP7KXJlurnHoSCfzxQM  
Y2jqwx9suAPqM/ypjaK2crqEwPuoNAidLO6jAzdRvj1jx/WpBFOf9YIH+ooG  
NW3kVji3t2GOCSTj2pfLn2fLBAjdhnI/lQBVItpUtMgKHrsO4D8KrsItAwZ  
GY9iC1IBS6udqIntt61zXjNGfSWtiSPOYLgdcZGaT2GjFRSqbV4C8DjingnP  
r71ZzrV3YKSTgdfmn89DkH0osF7huz160nl7nHpQh69QLc8PmlLDOccH2po  
LjeM/NyKjdcjHOPQdqCXbcTJAOPyNN3Z7fnRYm90KGKjAlx70jE84wf1o0KV  
9hhbHSomOOvc0WFsgDZHI+U9/SkYnAz3/KkG6uyJ1bjGPxpm8DBxg+hFMSv1  
lpZWVGcEZXkljVnw3GzQedKuC5yDSdmVBW1OutFPGD9OK0AzEAbQD69qh6G6  
HfqPemlsdBx3zzSGG4Ec5B/2qdyBgjPbmgDgPiffYtl9PiZsscEY+8TXUfD  
uy8iCWXBASNVQDpnmm1tcJX5UdeQGOGGDQSxG1SFH+1VCGFcdQM+3ArC12zv  
Jftcflbhwox9TQOLszLGGAJQQfw/CrVlqt7p0ytFcGa372z8rj2PUH9Kw1jK  
51KPPodBa+I3e1SWa0GGHljcZX8D/jVG+0zwhrJDz28EM7f8tEBhfn1lxn8c  
1u0mc9SDjXzJ3vw3bHm6Lq5yOUW4UHn/fXB/Q1zmreH/E8Em+/0+a8K8CWB  
/O4Ht979KE3EzUpRVkY1rcxwXW2YtC6gjbKpUg/Q1a0u+udOulurQl8inADD

lI70+ZMS1Nmydrm/F4wwXyeOmcVpBg3U4BrnxOr0OqimkKWObYPx6VXuTIDj  
BjRBLy1eiNOad54re3Q8KCWx0OR3rstLXZYqPWu7sjh1uWqKCggnqSI1uQ/O  
RgDpQBBZxrDFsbqeeIWCCME8UkAZJI2kH6CkLHoSqntk4zTEXKKBhRQAUUAF  
FABRQAUUAFFABRQAUUAFFABRQAUUAGeKiuba3u0VbhN237p9KAM+TSJ0cNZX  
agdkdP5HNVDIIPtHdDbKOxGAfoe9UmQ0Ts0wRSsjhfRhkGpEmikGxICueOWq  
hChjENqKzL33HI/Cq01rHJP9ptXVLjoVwdtFrBclTWvJxFf24QdC4Py/WtVZ  
rc+WEmjPmDKBTnl9qhqxadyTafQ0IIytJQAUUAFFABRQAUUAFFABRQAUUAFF  
ABRQAUUAFFABRQAUUAFFABRnmgCOaGGSNImA+bvWTcal+4tavn9ASBQ0nuCb  
WxjxywythcLhh6c8VESOGlz9a5ZwsdMJXGGJXyABt9D3pljNZybrGV4COyn  
g/hUXasaLXRmva+JZ4v1GDcn/PWHR9SK3LS/t71A9pMsp/unAlrohUvozn  
T5dUThyW+aPn6UBwR938mrUyDfMfMpX6c5o3hAMkj3oAPNUjkgj8aXcp+5QA  
nmKdhjg9s/8A6qd2yB+tAC5O3g8VFKsUsTJKoeNhhLZCQaAHoqbA18BR0AB4  
pdp7c0ALg56HNGOelACE/wD68Uc9+vtQAZ9hSc9SFH0oAXPPPHsBQCM4H86A  
A0IAB1HpSrjkrjrigCnqpK26csATzispXjDkswz/tikwBnBB+7j1FYGvksk  
e88BvTiIYDGDHHCd6Ubm4xyM85qzHYXJzksAOmQadn05FPqIM9cAk+1AYkDn  
H0pWsO7GZyQMECIBx1z9aa0E7pikggY6ewpuRnjP1pCsIWz1+7TGwAcfjT3C  
wxSd544PQ0u8qwGeO2KLdBK+4xyc5HT9ajY/L7VVwa1lyxDZb/gNLvHIOM+3  
Sk1fYIt3sxjuByf1qJ2AI9adnYjmKl+52LEB8znA/rXTaTEIoUVI4A7ms2rG  
9PU34OFByPr2qyDmoNRTgdNw9iaAQMY2imAuM4+YKB2lpysFbcDjbySaVgPJ  
denOp+MFQurlG4YZJ4H+RXsPhu3+y6BGxBDSksTjPfilrz27BJvRGkQ74JVi  
QOKgebC8rz6Dk/jWghwcMMEDd7mmOFdCkKe5WGGVh1FAHNahYmwmwATC/wB1  
+30/Cs+UMrb1JI/Spkro6qM+5a0u8RGMUjkK3qevFaxiiKkooZvbJNU09DTF  
xtLm7leQwuy7hLbyL0dSR+oNWorzU4Nph1RZYv7s0W4n8cg0XOIbqGuyBUTU  
9Gt9RhbjkY49cq2f51hz6f4O1Ekwy3GiXB4AYbUz9DfYlpuMZbMr2cmroj/  
ALEm0IBML+3vbVjsR4DyOM5YdKCxxx0rlqpxfvHRS+EaXBHU1DI53Bj29fWo  
T1sU9NzX02HJVmGQO5713FoALVNo4rqRxX1JqKoYoGTgViy3Au9TYIcxQY/E  
4NUluJlguSdrlw9TS7kH8W0emakBpU8kNx0wBmk3cdcD3NAH/9k=

---=\_linux4968eace--

---

Subject: Re: the last paris app we need?  
Posted by [Deej \[5\]](#) on Sat, 10 Jan 2009 20:32:54 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

This is a multi-part message in MIME format.

---=\_linux4968f7e5  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

TC <tc@spammetodeathyoubastards.org> wrote:  
>Hey Deej,  
>  
>Very cool.. Did you make those panels yourself?  
>  
>I just ordered some last week from atsacoustics.com. I like the stands

>you have there. I'm assuming you made those? Looks like a good simple  
>solution..  
>  
>Cheers,  
>  
>TC  
>

These are ATS 4" x 24" x 48" baffles. They were running a special in December..free shipping. I got 25 of them. They showed up in five days. I built the stands myself out of 2 x 4's.

Post #14 of this thread describes the process in detail.

<http://www.3daudioinc.com/3db/showthread.php?t=16090&page=2> and post #31 shows them in one of the tracking rooms

---=\_linux4968f7e5

Content-Type: image/jpeg; name="C:\Documents and Settings\Administrator\Desktop\baffles 012.jpg"

Content-Transfer-Encoding: base64

Content-Disposition: attachment; filename="baffles 012.jpg"

```
/9j/4AAQSkZJRgABAQEASABIAAD//gAfTEVBRCBUZWNobm9sb2dpZXMgSW5j  
LiBWMS4wMQD/2wCEACAWGBwYFCACGhwkIiAmMFA0MCwsMGJGSjpQdGZ6eHJm  
cG6AkLicgliuim5woNqirr7EztDOFJri8uDI8LjKzsYBliQkMCowXjQ0XsaE  
cITGxsbGxsbGxsbGxsbGxsbGxsbGxsbGxsbGxsbGxsbGxsbGxsbGxsbGxsbG  
xsbGxsbGxv/EAaIAAAEFAQEBAQEBAAAAAAAAAAABAQMEBQYHCAkKCwEAAwEB  
AQEBAQEBAQAAAAAAAAECAwQFBgcICQoLEAACAQMDAgQDBQUEBAAAAX0BAGMA  
BBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygp  
KjQ1Njc4OTpDREVGR0hJSINUVVZXWFlaY2RIZmdoaWpzdHV2d3h5eoOEhYaH  
ilmKkpOUIZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX  
2Nna4eLj5OXm5+jp6vHy8/T19vf4+foRAAIBAgQEAWQHBQQEAAECdwABAQMR  
BAUhMQYSQVEHYXETIjKBCBRCKaGxwQkjm1LwFWJy0QoWJDThJfEXGBkaJico  
KSo1Njc4OTpDREVGR0hJSINUVVZXWFlaY2RIZmdoaWpzdHV2d3h5eoKDhIWG  
h4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW  
19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/AABEIA8AFAAMBEQACEQEDEQH/2gAM  
AwEAAhEDEQA/AM0deaCbiMfSgBoX06UwQ4DGB1oAUikAhxjigLCj0FACnOel  
ACd8GgLCgY4NADwwSHcv3z19qTGR9qdhB1NACKAD8aBoTHPSgQbSDTADzwBS  
AUJkfhQAioM5xzTuCJQgB+tFxoAOeBSAd5e4HI7UXDIEghZEIYYJOaCuUIEW  
Rjn8BSDIHrbk9FY/hRcfKPW1buuPrSuFkSLaH2/AUh2RKton8RJoAetvGp4X  
86AuSCNBwEFAXF2gcf0pBcUAjocUxDwT/eP50AKrDOOueDmgCiy7WZfQ0mUh  
O1IZFcfKiOP4GB/A8UATHg8UCEJ7UARSYGCElOIpDRVEhTAUGkAuaAFDEUAR  
XTAQbiOjr/OgCZIUk0BcY1ujH7oNA0xBaxqfuUrD5iZI1QZ2gD2osK4jHP0p  
ilpG2rmmJldfX1piEIHY8UCF6dRQameaB3ECDPXigQ8klDuePSgaGkbTnse1  
AhM9yOIAAFz14oAXGfagAHXH60AAXg+1AXFPTigBARuI9aAFAAPFAC8CgBdw  
zkUBcYOoNADiAWGaA9QxjNA7ITAI+IACYFIAUYpiHdqAE20AleDigA4GKAAn  
jAoCwAc0XCwUAHGeOIAJi9TkwQBj0pgFACA5J5P0oABjFAXFHtQAEZFAWEFA  
WAYBoAMA9KQCnHSmAmMn2FAwA4oEAHftQADr9KBgfpQK4YFAAR6UB6ARmgPU  
BxwaAAjigBD14oB6B7UBcTrQAdDQAHPGKAewBQAYx0oAOpwBTAOhxSAU0ANp
```

DGtwKABOhqJG0B2KgsKdwEoAWiwgwKAE4FAwyKBWEpDCi4BimAcUAFIBMCmA  
YouFgxxSAMUwDFFwDtQAUgExQAtMBOIIA9qADimAZApBdBkU7CuJmgLhk+IA  
CHNMAoAQOXATFADcHtTEGKBWCgBeKBhxQAUAGKAsJQAU0IKBWBB86j3FAWFD  
5NVYy0HBx3piHA88dKADgdO9ACjirQAmOOKYDiBgEjSuAvOKAE6jNABknig  
QAA8UDQgHGKAQuMCgBRQAuw5zigLDhGw6A80DsKsLE9MUXHyj1hOMZpXK5R6  
24znmlzByjxAPQUuYLEqW49qOYdiVbdB15/Gi4D1iQc7BSAk+Re2PoKAHBgR  
3/EUABIA7/IQAZoATLdgaAAtjrZ9aBCK5JwMCgY7JH8QoAQPjq3FABvXsCaB  
Dg5J4TH1pgQTA+blurDPFJjQw8HFiyx13xunqKACJt8KN6jmgBTQBHcLut29  
uaaFlp73TIWP0rQy2HJcMeCacUWC5KJkzG5FKw0xwdT0losO46kMiuxutJAO  
oGf1oESxuHiRx/EKBjs0AKGINADmJPWgBpNAirl+9sAfKP1piuNOMYFAGAxw  
KYAxz2+tACACgYdCKBADgfwGAGTx6UBYBkkjpQFxCvvQAoJwQBmgBM88igBQ  
MHA6UBYU80AIQM0ABGBweDQFuwZ5FAeopxQAvagBeD+FAB39qBjScDigQo5F  
IBKYMxk+1AB2x2oAQgAUAJ7UBcUdKQ0wHBNMQDPegAx2oDQOnNAaBQIKAEwO  
TQMU8fSgA9KAQgOetAlOHxSHoHSmJhQADmgLhimgAHSgBTQAnQ47UAAwDxQA  
nWgBe9AWEHWgBTQAmSWwOIAAKAA80AJNAC8YoC4h16UABANACYoAU+1AABQ  
AGgBMUWGlwzSAaOGxUSNIDqg0CiwxOtAWFxi4BmgBKYB0pCDrQAYouAmKYw  
pAFABigANABRqAUBcQkAUBcNwoFcTeKLBcTeOIOWXEL0WC4b6LAJuNOwgyTR  
ZAFAAOKADNKwC5osMSmIKYBSAKAENNAIaACgQhoAKAEoDYXNFguHNArhmgLh  
mgdwU4dfrTJuABFUZgaAFQ8Y9KYmSggCgBOT9KLAKvHBoAXA6UABBG0eKAsK  
AcYaosOwojfqFNGgWFWF8+IGg+UkW3bPXP4UrofKSLbZPQ0XHyki2uB90Umw  
SRIIAOpFK40hfKUUrgGxR0FFx2Fx7UgDPagBR7CgBwBNFgHhH9cU7CFacfxZ  
+tACgv6gUAOy5HUH8aADLjt+tACAv2H60AH7w9v1oAa0bnqB+dPhiLGQeuDR  
YBSp7mgQKFHagCZAD0FADs47UxEFySdjEDgkdKTBEJ60iWzGigCOEbrln91v  
0PNAD6AEI3IV9eKBMoMME+3GK0RkwK8UxCADPlOAGUEjqM0BYdueM4DH6UBs  
L9oOwqy5yMUWC4yxmVYzE5wVOV+llq5bV1b7pFKwXH0DFzxQBxmk3HYnTuaZ  
lwd6YrCcdU9ACKOuOooAXt/SkMRepPamAvXqOKQBjJA6UCExjmgYowKAE74o  
EC9cUABOWOO3SmAehoAX260gE78UBYAeeKYAvJ+nSka7NAAM54oCwL34NMBQ  
MAmgBMZBoAAM4oAUj2oATOaAA+3egBGOPpQAAEj0osAdO1AWAUBYCc+1AADx  
z+dAlDg4oGAXnHpQIM80AI2KAAnOAOIABnjAoACcYoAM5bNACg5HNABgY9aA  
EAoAM8cdu1AAKAFOSOKA0E6/40AGOaAADtQFg74FAB3oASgAA5z0oAXGTmkA  
YxTAABnFACY5xQDAgZoAQnBAoCzDqfSgAFAAKAFoCwnegBpOPpRYLjQQW4qJ  
l0gxrxM2EHWmAtIAXRcAxQAmKYgNIYfjQAHFACZFMVxC4FFguJ5noKLBCqyH  
0osFxdj0qrlVxd5xSsFwyaBiZoAO9ABigBdtFwsGKAsJQAtAgoGGM0gsFMA  
pAHamAUCsITTaxNIYIAG5pgJjNABii4CUCDFABii4gxQADNACHGPagB2xjSu  
h2HJFh1J9RRzIOUg8wnitbGQfMegNNRAkjR/7p5p2QidYn7jip0CzH+Sx4zx  
RdD5Rwt89zS5kNRHiAelLmHyjxEPSlzByjhGB2pcw7DgigdKLgPAA7Ci4xQa  
AHZ96BC/jQAFjQMbkUgDOelACYosAoWiwDgKdgHqKBEgJxQAFsdqAl2frwaL  
gSIQVHGPrQAV0oAUDFAhQfagAJHtQA1gOuaAly1FxiqN3SgBV+U8cUAP3E9i  
fwoCw24ybZjtAxznvQlrHkZoLFPSkAwfLcZ7Ov6igQ4jigYqnBFAFKUBZXHr  
zVxM5IYDhaogONoFABkAYPrxQAjZHfNAABnr0oArSgxyBx0BoCxPtlAIPHxi  
gB6u6n5WOPegEh5kd1weg9KQDcjtQAnJ5oAcPagYmch60xCd+aB2HDpiklQ/  
LmmAmeaAE3EGgBxORx3oAFBz2pDEB2n60AHBNMAI5oCwcA0hC8EimGg0ZPI6  
0ALjABHGaAYgPY96AJAMUgEwR+NMBR2oAM80AID2FADjzQA3igBc8UAlaADo  
OKLAlEVNACnrQAh7elACdeO1ABnBoAMCgBenFACZzQFwXsaADAYcUALjqO2K  
LhYABxSAUc8UAlpOCKYcJAFACYoGAGSfagQYwaAEzjjFAAPegEKODmgBMgfj  
QAckUDA0hWDlpgAJxQAD8UABGDQAE9qAEYdKAsIx9qAbBSPzoBB3pDDtQIX2  
pglRjpSAack4pglKiVi4DiKzNhKBiZosK4ZFMLgSKQCF6LBcQvzTsFxN1Fgu  
ITQAmALBcQmnYAFABigBMUBYMUAHagQZoAWkMXNACZoAKACmAUAFIAPgGKAC



kAUAGaYriEijUAzRYALGiwCZY9KYChWNGghRG9K6GkAjb1ougsKlisd6OZBYc  
IxSuOwoVR2pXYC4x2ouwsLQAhpAKp+cfWmBMtog/hFa87MuVEqwgOgA/ClzM  
LWFEailcdhwVfSlcLAAPSi47C0gDNABnNAC0AKMGgBQBTuA9VBphceFX0/Og  
QoRewoACo7CgBmPagAxQAYoAXAoAcBQA4CgBaBCE0DALk0AOyOmQaAFwB0NA  
DuMc0CGFxF2FACB8dKBhyetADWKDqyJ8aBXIzCwp/Hn6UWDmE/tBFGBGSEXNO  
wuYY+oynhUVR65p2Fdlae4ldGBkbkcAdKLCuWYyGiVh0lqGaocOIAxr8bH/u  
n+dAD2GKAFAFe7X51bHXjNUiJlGpJIFWQKvlx6UCElyBxQAEZOBwKADbj6C  
gBrqHQqR2oGMtm4MDfeXp7igLE+MgjuKAAj5cDrQLUEAx0oAQnj0FAB0oAVS  
MYNACDv7dKAEJoAM5pDAnAoEAPSGYox0oADnp60ADYoC40cdaYcmkID1pgKA  
ACPWgAA2qRQAo5AyMUAGPm/rQCHfSgY3qeRQAuMc0AIEHQIXHHFABnAxQAnU  
UAO4HSgBOvPTFACZHWgAxmgAoATpQDAAdaBB0oHYOOIAARnpQAgA6etADsDoB  
QADGKAEznigBcc0AHGTQAnY4ouAtACd6ADvQApX6UAJ1AoATpQMM0CDAPPag  
AJ4pAB6UWGIBTExeOnSgBOFz70BYOnFABRcVgAwMGgYmMHFAAAOQKADFACjB  
4oAMUAJxmgA70WGMfgUrDTELjNZmyG16LABaLYBN1OwBmIYBu4CmFxC4p2Fc  
N4pWC4bwadh3DjPafAC5oGFAtRKB2A0BYOaAsJg0ALigAxQAuBSAXigBOKAA  
mgBM07AJk9qLCDkmmGoYagLC7HNK6CzFETGjmQWHIH1pcw1EURrRcLDvLUdq  
VwFCqO1AC8VNwEqrgITSAQmiwB1oGKBQAuaBCZosAmadgBSS6j1losBfqIAo  
AMc0ALQAUGA0DE6mgBelABQAZxQA5SDQgJAVHQ07iAN60XCw8Gmld1FACFaA  
ElxQAACgYox7UCDOKADNABk0BYM0AKD/AJzQApdF6kD8aBXI3uol6v8AIRZh  
cia9QfdDNRZi5hjXrH7qAfU0+VhzETXUjHBYD6U+UXMRtl5GC7H8adiWxhyQ  
T1+tFkIATimMdnNAXDcPpQFxCr0osFyeyY+SUPVTis511RYHXFIoRxuRI9uK  
AFB3oD6igBwFAEN0uY+OxpoiRVxxWhAinDZFAh2eKAFAGD+hoHYRVwMZwKBB  
wPrQCibhCu2ZD8yHke1IZMjh0Dg9aYhw4NACZO7pQAnDD2zQNCnpjQlaMda  
AFP3Tzz6UANHSgdh3BA9jQIRh8mPegAUce9AApWdxnigBe3ORSCwnUfSgdgH  
JxTEL1GAOKAE5HB6UAKRigYpyc0CsJk5B9KAFawOe9ADieQAKAAjt2oAM5OK  
AAjOBQAmM0BYDxQMOh+tAg6mgAIHFABjmgAxxQFhKAExQAuOc9qQBiiwXQAA  
nimAnf2oAXjFAAPQUAIRQAnA96AHCgBcUAJQAACUBytv9KAAAnmgA5NAWA54o  
AAO1IYmKADNFwsANMQHpSAMYoGFMLAemKBBgH60AIRQAuOKQAeKAsJjmmAdR  
0oCwYGKAQcUAIr60DA4A5oARQpYKx2g9/Sk0CaJLi0WO382OQMB1yajU1jJM  
o7jQNiZOOtABk09Bahk0aAGCaNAswwaNAsirQFhQCKGNlCkkoUCgAoAKACgB  
MUAL/SgAwaQWFwaLhYMGi4C7SaAFCH0pXCwCnj2ouACP1o5gsO8sd6LhYURq  
KLsYu1R0FK7AXjoBQAUWEGaLAGeaAEFFwA5oAMUwDFIAxQAYFABgUwEoAM80  
gEJoATdTsAmTTsAqffU+9GwGiKZAUwFxFxQIMUhhikAmKAEIOaQxc5pgLQAAA  
0ANYICMZwaVgBCWBz26GnYZluaaEyVRxTEOBxQIC4FAWG5OMZz70AJz6UDDp  
1IH1NIBjSln3nA+IOwroY90ijlBP0FFmLmlzd5+6mPrRysTkMa6lx94Ae1PI  
FzFe4nm2ZDtx1p8qC45GDxhic5Hc07CADl6gCgBce9O4rDSTjNACgjrQA7qe  
KAsleBigBCcDFADgRnpXqAmQfwoAMc0APtXC3BX++P5VEkaQZczUlig4loA  
bGMKV9DQA8UAMkGUlpoTKag5J7VZmJgZwBTJuKAOSBQAoHGKAF69eg6UhgDz  
9KAGgDJHXNMRHajYZUP8JyPpQMIHGSKBMapYcnpQAoAPApDQEEUAJGcUxBn  
J5FAwUjFAB2oELkYxQAbT2NIYFTwfzoAXuM0WADx0HHemA0DNIBw4GMdelAC  
Ac4JzTAUGeCgGAIOKQAASf6UATQxLJnLbcDp3pXHoRsMMVPUU0Ji9RzTEJQA  
Zz0oAQ0gFPQUdG9OKYhVGBQFgwTj1pALjJ9zTASgBMjrRYdxcfIqIBQAHK0A  
A70AHAOPWgAx2oAQdaAA9fSgLiEHPtQAc9BQA7PHFACY560Ag9qBhigVwHJ6  
UBYMUBoAPrQA3kCgA747UDDgUWAXGOIADe9AhTz9KADOaADPH0oATBJ9qAF5  
zigBcc0AIRmgAPqKQ9BMcUxB1oC4oHFACEc0AI30oGNPIwaTBERHGAEPSobN  
lpCbB60rsuyDatGoaBgelAB34FAw5pAJtp3Cwu0UXDQMAUAIT6UAIMmgB200  
tAsKE7UXQWFEZPalcdhwjPcUXCwv10rgKlX3oulUltAwCj0pALgDtRcAoAKA  
CgBDTEBNIBM+IAXQDRcQYpgGBQAcUAGRSCwZpgGRQAhnABmgBKAA0AFFgDFA



CYp6AGKYBikA5B86fUUAXqogUUALQUAFABigBMUrDG4xSsAuaAHA00A7apG  
c09BCBTnpxRYY9cAc8GgQjSlvVwPxoula11Evcn6CnqK5Ebxc4VCfc0crDml  
2vHzwAv0p8ouYje4mb+M/hT5RcwhZm5yT75oshXDOTT0C4HpTEISDwKQCEYX  
BpgDEshB7jpSsBDb5VmJPrkUDJml9PamJjsjt2oATBloAOO1AApIOBQAZzQA  
h5H0oCwoGMUAKKOG4FAwY9Dj60CAnY6v02mk0VFI4nPIrM1F9KQCfd/AHhT  
Ad3pAB5oBILAQsp7GtEzOQ0HBqiBVO07TQA4HH1pAC5FAB1HNAwIIFAESnbd  
4XunNAEmBjjueaAAAAdOKYheB0HWIYBuMjJzTCwmARntQAEYoAAMnI6UACgb  
yelAwzQletIEBJPFACMPm4pgBODxxmgAJHYUDG54Ge3NADzj65pXAPw5pgKD  
xSATGOIAAMj2oAXPPqTTABjGfyoEKOKAExxQP1DkUB6B1oEISCaAAOIAB3F  
ACkigAUcHHTvSGkNx2PSmIUHjFFguL0pAJxTAB19qQB1osAtMYnegQh4OfWg  
ABJyMUAHSgLBQPYO9AgPWgAzgc0BcOh+tAB2pAHbpTAME0hiEZNABgCmLQAD  
SsO6AgdTTEJjigYgGBigQqjAoGL0oEFACHg5zQADuKADFA7BxmgBMdqBBn86  
ADvQAGgBhPODQCliPyazZtENTK5dgx7UgFxrCAOKAD6UAG0noDRcLB5bHtSu  
FhRCT1NHMA8QAd6LhoOEaipuMXao7UAGB6UALTEJmkAZoGGaADNFwEzSAKYB  
zQUAFACUALgUAJQUUwDFFwDFK4BimKwYoAMUXAMc0AGKQxMUwDFIQYoAMUw  
DigAyKAE3U0A0k0AOQkyJ/vCgC/iqICgBQKBC4oGHNAADQAZFIBrOg6sKAI2  
IjHRs/SizYcyGm5A+6v51XKxcw1rpv4QBRyC5hhuZD/GQKfILmBnZh94n8af  
KK408iwwXAEd6YrgGA4oGDgYyKABelMmwNkLgd6Q7CjrrTAUAdfSgQ0k5oAA  
MnB/WgYY20CIZ8q6yAdOtlZPKecc9waAFUED0pgH0oAAc/WgQ3qaQB0IFMYu  
PakApBAoAQe1ACgEnJpisl+HBBFlaZchfdEp9uazZsSDpQaj/wAJ9DQA7vSA  
TpQBVuAPNJ9RVxM5ljxgZNURYFGDnGRQA7gnl4oGBbjGOaLAKMHigQpphYiT  
DXTsOgUCgaJDhRzSBhgE/h0piEJOOO1ACA8UhgOuRTCwvQZpCEBx0FACEYHF  
AxzAECgAAIGTzimAqjl/GkAYz04phYCM8UgDB20BYTBlpgKuCcAUgDvn0NFw  
FPloAQEH6jtQAoP/AOqgBM56UAletArDhjpQMAMUxAelAxOc+1ArAetAWBh2  
pDF7CgQAdaBiDpxTEHT6UAFIA465/CmAZ5pAJmmAo6c0AHfrQAUB6B1NAeoh  
60B6AD60ABGaQwpiFzQAhxN2oAM0AFACikNB360xBSGNzTFYCKAsGM8UBYO9  
AXEwTQMwKICaAEzk0wsDY/CgBehxQA64pDEA59qYhcYoASgBTwKAGZJoAH+  
YcLj3pMpDQpboM1ErFxHCNU9Z3RpYXy6LhYPKHrRcYCNr2ouAoXHQCKAuKLG  
AFIBcUCCgAxQAcUAJgUwDAoAQj0oANtABtFAwwKACi4CUAGaADloATNAWCgB  
c0AFAhKBi89hRoAAUaAGKBC4oC4mOaADii4CZFACbvSgYhaiwhMmmAZzQMqO  
ABoASmIMUXAeg+df94Uhl/I9QKq5nYaXQdWFFwGm4jBxnNPUV0NN0v8ACtHK  
wuiNrtz0UCnyMXMNNxl3GcfSnyIOYbuZvvMafKieZjDwadhaODQA4nBFABtB  
/GgAYAACgAXrg9qYhwHJ9O1ABJLegoAQLz7UDsKemM0CDtzQAuc0WC4g5oAc  
maBiE56DntQAHg0CADNADHG+NIHbtQAYbzj3Xv6ikNE+PfoAYrCZG7FIBWI  
7CmAhG7JB6UDaEGCaLiHDjPzQMTP5UCQ1nCjBOOaQx+RjK9KBMQ88joaARYt  
W4dCehyKiSNYssL1qSgYZQimAKcgGkAGgCvcrwrVUWTJEJyRj8q0MrDgpGOf  
woCwhyDQAZxQFhwxz1oGMlk8uNueaBahbPshGfvHk0hjuvY0BYXgqMdu9Ah  
RgAjHWgY3G3g0AN4wKAHkjHTigCPoCTTFYcSMUBcQHAFACg54oHYcOuKAF9q  
ACgQueM0hjQO470AH3T6UwD7y4pAIOOetMQvTmgYFvUcUgDjORQAvvxQMQ9e  
IAhTyMUXCwnsaYDu31pAJjj2piDP5UBYTpfACg4PFAB0HFIYDrQAHHNMqPHG  
RSAb2wKAFHAFMYyoEKBxgjmGBMcUrjDGBQICecUxiccCkAo9KYhR1oAQ8UAG  
KBhj0oAMjigQEce9eKLgJ0HskMM5oAQjNMQvHWkAgIxTGAXnP50gFhtQADpzT  
EN70AAHNAAaBh9KACgA4JxQID6UAJjApXHYD0oEI30oGJ0zQCHJdxUSRpBk  
mKzNBMGKAUDA0CEosAZFABmkAuaYCE0AJuGcZoAQ0AGRQFhBlmcZ/CnZgLnN  
IAoGFIAp2ACKLCEXmgYbaLgG2gA20CF20gDAoAOKBhkU7CELAUAJuoGG6iwC  
ZosAZNOwhMnNIBKYBQFgXMMGgAlouAmKACgAoAMimIVD+8X6igA3Mw5Y/nW  
3KkYOQmMDFFhXDHFACDk0wHFcdQee9IBVHrTAQ8D6UhCMQTQMAOeKdxDiMm  
kMXHpTEBGcGkMAFBIA60xegvIGCaQeoAgdelMBc5UUBcR8c+tAXGqflxnp0o

Cw5Rk0BYcF49MUDG80CsKowc0DA5LYoAXHQA8UCDYA3ynlx3oAryKyNvUcr1  
9xSsO5ODkKRyCMigAlOaYhQM8HigEgwAppDuN5piF7YFAB1470D11jUdeT70  
APFIVhM4XimA+1f/AEKa9GGKmrCc8eDWZoOB5+tMBqcAj0OKQCmgCOYZj9wa  
aFlrEc5FaGQvqelMAOSQcUCAgDkUhgvJpillxLJu/gU8A9zQNEvGAOw6UgH9  
Rgc0CGlemBzmgYuPm9vSgBDg9aAGHg4xTEKM5xilcdglxxQAYGM44oEA5PSg  
BSBuyBxQMctj6UBcaeTTAUtnjikADvxxQA4kAZFMLiZ5B7UAHB6/ISAaFwD6  
UDFAoAXt9KBCEZHSgAlx9KLgO68UAIQT7Y7UAHb3oARuIAWFByMUxCHI5FIY  
nHP6UAAOSBTEKM5xSGKSMUxCd/agB2eKQDQOOKAEx09qBisaYrAD0oAMkE+l  
ACHoMUAkOaAAAd6QCggUwE9hSAU9OIAcDmmMO9ACAY4oAU8UCsHGfwoAQj0o  
ADnoBSBARggUANxx6Uxi9Oe9AC9KAEI44pBYMUAJnBxTEKMYpD0BelACE5NA  
hM0x2FFABxxSAQjnGKYAaBWAjikNCKNpzUyKRJuNZM2QZNIaOGIaBWCgBOIA  
CFsUDsCyKcDnmnYTFNIBCAegoGFABgUAGwZ6UXAXFIAXRcQYpgGKAENFwDig  
AyKADloATdQMTdmglCE0xCUXGFIAzRYAZQAZ9KYBzQAYoAMUgE6CncBc0gCm  
AZAoAQtQAm6gA5oATBNMAIouA6MfOn1FADRxWxzWAE496BBnlxQO46NN7Z6K  
OpoCw52yRjoOgoEGOKYxHHANIBg+nFMQoXJNAJDunU0hjqQBz36UAlp4xQlc  
BkdKYCEAigBO2D+dADIGaAslyndSCwwDBx27mmFiUYBxSGKMHrTFcQ7c0gE6  
nAFMBQcYGOcUAAyjrQALyfQUAKRuP8qQyGl+W+w/dblfb1FOwEXDYFAAQc0  
AIMZ9qBWAga4oBARnGKQxdozmgBMDHSmAcFsAYoEAGBgAYpDGg7WBawQc0mh  
pl8up5JHnRY0uNaZFA+b8qdmLmQxbhS7YGBx1pWYcwhuOeBRyhzDPMZjjHem  
oi5gfK4x+lq0QxAeMdvSmAE5/CgQ1wSOBn2oAHBI8pT2+cjsPSgbD5VAA4Ap  
WE2PHIoHYcOoHSmAmcnBpAK2SODQIacbee9AxAM80AOHrQAjnJyR+VMQADFI  
BDkH0zQAYI47UBYdxjFAxQOM0AlO5PFAC96YAAAKQWDgdqAA/wB6gBcZ60AM  
HynGKAFFJFACk8Y6e9ACd6AEJ6UwFUNACKUgElyBx0oGAHNAg4zigQHqRig  
LAAOmKBinrTEJwetlBCMcUAJ6+lAwoAXk0CAc8GmAHp70ABGRgigAGR9KADO  
eKAHYxSAaPpigLCK0wDNACfTpSGLQIKYBg4oAQDikCBuMUDE60AGKADqTTEN  
xkUAOHFIfoBBxQHqB6DHSgBMc4oEJyCaYB1OBQA4BoAXHGKAD7tlYUBYO9A  
CYzQAvAGOtACHtUyKiPxxg1ibB+FAC0AJigBDQAmM0ALs9qBiFBkYFMAANIQu  
KADAoGGVFACbhQITd7UgDd7U7AG6gLCFuaAsGaBhzQAIABQAnFABQUAGCe1  
ABtouAbaAFwKLSBMgUAJup2ANwpWAQsKdgE3elABk0AGD60AGBRcAwKADI7U  
AGaADNABQA5Dh1PoRQA08YgK3uc4Y9BTEltyKAFUIUKjoaVgE4xzQAoOD14o  
AVj+NACDBHSi4ATt6CmApHHPWgQhwT/KgdxR8vAHNFxD+QaQWDvgUABwoxQM  
BTEGM9KAAAGgAwAaADgHnvSCw0ZLY7UwF5DkUAKQAaBgAA+W6UCDoaAsA+4f  
WgYx1GMdO4PoaAuSI+4Ddw3f60AAzt+Y4xQITHPvQAY5z6UALgg5NABjAyaA  
BuaAECkAY70hihSB70AAA6YoAXbg88ilYYbFb+IMLiED0we9ADIAFArgPvfS  
gBeASe1ADScUxMO4I4HcUAK7FOF5dug/u+9ACLHtA55yT60hgcvx2HWmKw4  
Y6UBcdkAAH86AGZweOIABzuHpQAuOKAGrjpQA4n0pDA8jj8aABQAKYcTz7UC  
GkE0hjsUAHO3Hc0AKMkdelABnn6igBCOMetAATximAoORSAQ8+1AC+xoAUjO  
fagBpGTQFgPGKAAj8qAADn2xQAAZ6UBYOe9ACjkcUAJgDJFACqec0AFAhD27  
UAKOaYxMYpAHqelAeogwRQHOLnGTTEJ3zQApOTQAhzn2oAM8UAGRQAozQAYy  
MGlcdgxx04oCwgwaYg7UgFPPXrTAMZBpDA0xCA4HNILC5oATHQigLBjmgAos  
MQgUxC4x1pXCwHmMA3OB7UAJ26UAL3oAAMCgAxk8UBYTHHNACgUDA9aQXCgA  
zg0xDTjNkxVxGP5Umhpk3YVg0aoMUDDFIAXTQCfKKADIFACb/agBC/tQA3Jo  
AQkmgAzzQOwUAGaADimgEpaALQFhOaADB0AXGOKBBxQMTIoGJKAUAG6iwhC4  
osAm/FOwXDzBS5QuG8dhTsFw3E9BRoAhDH2oCwBD3NO4rAEFK4xdoouAoAFI  
BKAsFAARxTAQigAxQFxcUAIRjkUIBMmmA6P76A9NwoATjIzWxzHkAe1MB+cd  
KBAWGOIiQHII6Ux6ABg4pAAPY8UxCEYAFAC44GelADgMjirSGleQR6dqYmKg  
ByTQCfPIxSGIM55piFIJPrSAP4hxTAUDk4oAXjd7YoAQ80AJtBPFACqO3Y0A  
L8ucUgEPBpjF2gjNAaBjj+lAAwB+lAgABBDDKAIhIGw3XsfUUaASqSRz0oCw

glHWgAHPPAoAdjPTpSAMcdeKBi4BFAB7DrQAdTz2pgxMAk47UCHZG3I+IFgE  
HAYpWpBcQZPToaYDhz0FIYA/MR0NADG5fBP40xASfTlzQFh2So+UDeeg9Pc0  
DGoCCS2d3cmgB+TnigAlxyDgnikAm05wfzoCwpBJ46d6AsNGBwOPagQ4jIwK  
BgRmgBMY7UAKRg46UxCg4PqKBjSfTpSC4oHlbt3oGiS4SNAhifcG6g9QaLCd  
huAeRTDQBg/hSAAAOmRmgBp5x7dKAHDpjHNAWDHtQFgA7CgBRjOO9FgExk0A  
Lnk+9MAFACEZH09aQAvrQAnQ5oAXp260AGMUAHsKAAAdKYCAYJFKwAeMUXCwH  
HpQADGB60xCKgDHRQAHK8DHtQNCHHpikCDGcUABI9KAA4xwKBCHoO1MA+goA  
UfSgBOgoAUd6QCA0wAUgHdqBh0FACYFAG60wD60ALigYh/SgQYzQAmKADvig  
A9qADkfSgAlymc0hiUxCcZpDAk9qBWEJOOmMUDakkYouFhASeKLjsOPtQKwd  
cYosAoFADH60ANYUmNlesgWA01YyNoih80hi7qAE3e1ACZ9qBhye1FgDmmKw  
mDSANuKBht9KADA70BYMCKAYFFwDapgFIBMmnYAyfSiwCZNACfjQAIACcntT  
GG00CDZRcYuyi4hPLFFwF2AUrgLtA6Ci4Bg0AGKADFACc+IMAwTSANpoANtM  
AwKAF+goATn0xQAFjQAmKAsLtoulaykdKBoEGXUe+KYxXGGwBWqZztWEJqiL  
jgDigdxOpxQA4DHakAmccGgB2BmmJAeDj1oACCRQMUEDBFAhDj8aABR2oAUy  
H1NA7isB3H40AI2RxQIARu5ouFhckH1oAXORxwRQMTPFIBOTxTELjdweKAE  
OVOPSkAoJOpegdhw4GMc0wG7sUCAEnrxQAEg8UAhGQOu00DGKSoweQe/pQHo  
SKQxoD1HBRgk0gADsKAAA84FMLC7cUAIOfQ0WAOgwDQIVQp6GiwXMYXnigB  
Rg8UgG7trFR0HOaYhQeh6ikMUDdk17UANxu6CmIVePu9fU0FJDkQKeuPf1p  
CAjJIHAoACuBxzQAHnp1pgHII9KAEGVzmkAEA89DQITJz7UAO6jHSgYE5yKA  
ActzQFgXgY9aAGkYpgKpwMUALwOtACEjtQAoxjkc9jSATnjloCw4Dr/KgBc8  
YIoAKAGgkt6UwFwDSAPpTAAcnGKAAjPGaBAevNaxB+nagBc47cUgAAAdKADv  
9aADHbvQAoGKADFAAMdKAEI5oAMUABAz0pgDcnigAFIAAoFYQnsKAAHimAuM  
0AIBkUhiHj6UCFA59qYABzQAuKADGaACkMKAAYPagVxhYDighQSRRLCimA  
YwMUCAEIACdDQMMUCDHFawPloEhDxxSGGMimICOOKQwPjzQAnJPSiwCdRjHN  
FhgcA0gBTTE0KxllouFgBoAD0oAYaVhjkGR071I2ixwX0FSUGD6AUXAPakI  
Q5pjDkd6QCUAFABigApgITigBC1ACbhRYAZQAZ9qADJoAOaAEwaAF20XGKFF  
FwDpQICcUgsJmgYZoAXmmICDQAm00gFwKYBgUXAOKADI7CgBOaAEzRcBQAaA  
Fx7UAIR+FFxBg07jEwKAEBa70AG4HpRYQEM3ABoAaQUcZGeenrVDRl4wMntV  
RMWhuAcEdK0IsLjoPWgQK0ee1A0KeKQCDDH5uKAHAds/Q0AGefWgBrEdqBAM  
07hYXHcUh2HHgDgA0xXEOTwRjFIABJ69KYwJz2pAC4zjFMBcgN9KQrick+1M  
BG5+npQA8YGB60gF4B/rQA0AHPvTAdkcD8qQ7gclgO9ACYycd6YgwcUDADjJ  
FAB9elAAcZxjg0gE2DjwcfSmlUFiPI4NAC7hnuMUAORh2PWgBaABs4BGKAEa  
wckUAJkZ6UAObkdPrQMaSAMCKA0KSeBQAuABYQPANyB2QRxQAmCcZP5dKLIF  
XIPNADjxxQMqbi/PSgLCaEg9sdaAAHP4UCFOCDzjigBoBwOfzoGNbOCRSEO  
IPBHTvQAo54oGO2ccdQAagdc0AlenoBQAnU8UALj5qAA89qYAFBFIAYYA+tA  
ADxnOKAHZGcYwaLB6iYwetMBSKQCcbeKAEA9qBWAEa49KBiZOeBTAcORxQIO  
BSGLkYoABx06+9AA3X3oGJjHXp60CFAGKAAyoACewoABjFMA6jmkAZoATnPt  
QAZ5oAD2pgA5FAB060AAA6CkAo9KAGnvjrTFYMHA4oAXtigAAoAQ4x9KAA9s  
UALQAYoAQ8UAG0ZpWGAFMBcc0CG5oC4uaQAcGgYCgApiDrwBSGNwfSgBQPag  
BAKADHNABweDQAHRcBCAeIFgEAosAvBIBoAaeWwKAFzzigBDxSGKjAEgVnJ  
GkGOyBUFiE+9IYZoACRTAbuFLUA3c9KYBuNACfNQAc0gE20xi7aVwDYKLiFA  
GKADAoAOKYBkCkA3d7UwFy3pRZAGGo0ANvvQAuwUXACAO1IAyO1ACZoAM0wE  
yaADk0wDmkAgJxQACiwBQAD0oAXPoKYgwxpaAJtc9BxT0APLfuwFK6AcLx6k  
0XAURr6UXAXAHagBaWoCEAkHGcHlqkA+Vfm+tWjNldVI9vatCGLz0PamTYQ8  
HGaABuh96QMFIORnBFMB30AenrQALhh9KAADIPtSGICGG09ACjr0osFwznFM  
QrcCgLACMYpDFwaYhACB2oAQqC3GaAsGT0GcUB6Cc56UAkPGAM5/CkMM8YHe  
mlUdRQMf05AoENJyMjqKAEGQcHqaWow6YoAcVO0AdzQAnl420wFlweeBQIUj  
BAI69KAEAzwaAEC4GSKBiFPQUgDacd6YWAHh3oFYPMJ5JoCwAH0z+NaxQCeg



HHrQAEsBnIA+IACgE9zQAuwDp0pDFK9D270CHBRjp16UAGB+losAglzj9KYC  
nGOKBMAg5I7GgBDyflHFYIjfeGRQIXbke1AwGCMHimAHHbtQApYUCE64IoAU  
HjPQADGMetIYAetADkjLvhOmOSe1FgExgYBpgCkAYxQAfKVO6kAgAxxzQAAF  
TzRcLcNaOBQApHGKYhoXnrigAyemKLhYUgHGeMUhjiB26UWAQCmAmM5x0FAh  
ev0oGG3vSCwHsaAAgHpQFxCooTAcigAAoAMcc0BoHUUAHfpQA70CFwaBic9  
qYWAYP0oEHFAxQR+NAG69KAEI55oAMdqACgYdeaBAfpigYg9KQC/hQAdBxQA  
ZzTC4HigBMZoELzQAnagA9qADtSGHWgAxzTAUcGgBB14oAKAEHWgAOM+IIAx  
n2oATp0pgleaQhR0phoJkZxQMAuOtiBAetACNiWCJ9/0zWc0aQHGsZUMCGA  
4osAHHTFFgEpAHSgYbhQFhN/oKYgyfSkAZpgABoAXB9KLAHtSsAbKYC7QKA  
DgelABwKNQDNFgEz7UrAFAATjvTATd7UWATPHSgBBQAtAC5FABkHpQAmSego  
AUI57YoABG3sKBCiMd6LgK119KAHBQOgpAL0o1ASgAoAKLAJzQAUWAKAE+IA  
E8oyuR2rVEFYHr2watMhoaR37VRNhMYPIoAOM0rAKACeKYhwHGO9AxBjoO1A  
AMr34NIBAPSGbckimLQXHGGoHYGBx14oEIBgUBYeKBjeAPSi4rCqDjP5Uh2A  
ggj0NMTAgKOec0hi5HBx+FMAK8DHUmgAK4b0oEObjGaQxP4sUwFwC2COnSkA  
hzkZPAPFMQnIHUYABPTmkA8ZP3qYwxyaAADA3D9aAAk45xigBTzSCwhHOK  
YCBOOaBC8gYxQAgOOOnSgEKTtHAoGJwxwaQByr4xwOIFgH5ODjt2oATnPA4NM  
Bc/L7UCGhSBkUAKcE5xgkUDALx60gG4PXoaAFLcZC80AMByaAHk4HHagAznk  
igAxgDigA2ZHpQAA9u3agBeAMUALoyM96AFORwKAeyd2AcE+IMLCtyBt60AF  
IA9jTAUcdKQwlzQlB1TPegBxGRx1oACuSKAsBGevFAB0PPNAB1IB4oAMDPrQ  
AEDnFACAY/GgB2O3amAm7jAxQITPYUhh0PSgAAz+FACr09DQFhe1FwEHSgA5  
zimlTjvSAViMAAde9AwHNMBMc8fISAcE1MAFAhQfSkMCcHBpiEGRSAOIMA44  
oAUikMToaADtQAYBpgHQ0AJ1oEKemO1AAT0AoAPpSGGMCgQhGaBh0oAOtMQp  
GaAADFIYmKADjtTADSATPNAwxgcUXFYQ9aAADmmAAfnQAHnpSAaRQA1ufwoA  
TPI+trluA7j3rl2QuB2oATigBaBCYJoGGw0AG31xQAbQOpoAMLQMBgdqBBux  
2oAXJoAMmgBM0gFzQFhM+1MA57UAABoADSATj1oAQlaYBn0BoEKFc/w4oGL5  
bHuBQAeV6tQFxrGg96BDwoHAFACgYpAITQAc0XCwfnQAmKADNACEigAJ9BTA  
KLAFKwCZp2AQtjoKLAG4miwBRYCZpkIx1rXIZndEJA6iqSjB4JNUSJ9etIA  
AGQaBCnrXTAXovNAXAcGgSDqOB0pAHUZpgBOBigYHPHegVhSDQAp6A46UhgD  
npTACMAgjrSAFG3Cn0oC4Z3celAgOdvtnpQOwDpyKYDs8ZzjFAA44z1FAhSC  
QCBQMTHGcc0ACndknigQqgE4oAXGOR+VAXoA7flQA4ZC5FAhM5xigB3bBFAC  
E44oAXIxQCBjuPPAxSGOyMACmA3oSPTvQIMYHHSkMQgr7g0AJu9qYri53GgB  
/AGD3oGHycGiwCAArjpSANuO5+IAWFB9qAEAyP8KAFyB70wEAxQBgy7cY5y  
aQDh1x69aAFXjgjj2oAdweMfSgBCT+HoaLhYQ4HI7UwDGaQXRle1AmGOcUxA  
MZ45lpWGL07c0DEHJyetAg5zwOO9MAAJzjgUAKOoU/nSAXqMehpgleORQIOS  
OKAEXnpQMdlpAJuB60xBjikMMHNMLCkEjigAGM4pCEIBlpjAKtKwAOmKAsG  
B1oAM9fQUABPIx0losACgAbA+tMBCeOIACE8DiklcMUAGMD0oGA60AAA6UAG  
KYBjZQAY7UAJjHFIBcDpQAZzxTAT8KQB3xTEHekMU0AIBQAppiEyAKAE6AA  
UAO60AITQAd6AEPtSAWgYIMBe3NACe4FIAoAQkUxCcjpSHYKAACgABoAM4OK  
AEIpgNlpAI/YZxzSZSH7PesdDZBgD1oYEbvtOAKaSGilyNVWEOV3JxnAqWNI  
I3VlW3UABOe1AAOaADHpQIMGi4ABilcYuKAeJUdaNQE3qKdmK4hkHYU7AAyn  
oKQCnefagBAhPU0XAcLx70XAcEHpSbEOAA7UgF6+1MAINACYoAUDFABkCgAz  
QameelABmiwCE89aLAJkUBYQsKLAJuPpTsAuTRoAUBYTNAQAADFMBQAKQBQ  
MYCM4rpOYceBgdO9AARzkcUCGAljjFAAABQApB/CgLBg9OooCwDGOetAxwOT  
0oAMHHWgBoOe1lQvGQR0oC4ufQUwAkjFIxyfX0pgL16igBOhyelACtwOBge  
tAAwoABYPXFAwwCCDQKwuTjAFILiqcrjOB2pgITQAuMjloAUEYz6UBcAd54o  
ARh60DEH3sY60CH4HbkUAJz+FAWEwQeRkUALgkcD8KAADI6YNawAMAM4xQA4  
YlyM4PrQA1sDAGcUAOxkADmgYmCDQFgOBk7aAuGVbDYoAMZNACnG7ikFkLwa  
ADgHigBCD1HegBRyKABgCKAGgEnmgBBkN7HvTAUfleOtIBy/d96AsGMnB7UA

IRxg9KAFB4AAoAUenUUABHPBoAQD3oATGD1pgGKQDjz0NACZweIAAe3P0pgA  
OaADPagBRjsaAEHXigBeSvFADMcmgmgQ4kkgUhhngigAzgYoAD0460xAOmKQ7  
B06dKADqeKABxgcHmgAODzQAc556dqAA+1ACNyeaAAk9qAA8fSmK4AUBUYUHJ  
4oGID7YNIBeooAQHtQAo68mgYY5oEGOKADn0oCwHOOIAWYAZHlouPIDBPajQ  
LMMc0XQcrDBoug5WGDRzIfKwAJpXQcrDGKOZD5GAXNHMHILs4zS5g5BNnNHM  
HIG0dqXMHIG0Ucw+RAVx0o5w5ELt4o52Hlg20czDIQbRRzmfKhCopczDIQbR  
RdjsBHHSIzMLITAAp8wWQnFFwsiPd82AKcWTJDjyK0Mxv1oACaQWGNsY0S54  
rl3Q05pDGspNFwGiMUxjggFSAuKBXDgUAG5RRZgBb0FAw3H0oEGTQAmDQAuK  
Bjflz0FFwFERAzijmEL5eBwKLsBVXHWlcB2AexouAoHtSAUcUCF70AJ+FAC0  
wA0AN49aADIoATcBQAm/ngUWANzH2pgJmgBD9KAACgBcCgAp3AOaQBigBeBQ  
AUAJQMBQIMUARjGa6DnHAnHAzTAG7YpAJjB4pgL2zikDQ07u1OwhyZ/GgBeM  
kAYzQAHOOPSkMQuCKdhXHHgcAUAA5HSgBQePagYhOVx0NAGLAL0/GgBWIHT0  
oAM7sGkMVueB0pgNjyMd6AFzG4FArg3Tl6igY4jaV9D+IAg4Bz2oGIOT06UA  
OJGOODQIEOAKADG08d6AEPTkZoAaDkfWgY8AgYzg0BYcFypGOo60gsIBgLnR  
3FAB1yBTFYVQe/UUhgOmexNMLCMNpHoaABgD0zSEGCp4/SgYueCfagAUbgB3  
96AsC4C8j8KLAKBkc8UABH8ORQAKdrle1AADjinYBcjoORQAajpSAaw9KAsG  
eeaAAcDFAAcFvTI4oAVcde9ABnNABxnBFAC45oAFA3cUAIT822mJBjGaBi4A  
6ilYBG4IAoAPYUALg/hQFgYcD0FAWAbexoC405Uk44oAMDtxQAoBxQIUNg4p  
glx5GKBi54oATGTxQAv4UgGkHPSgLC4JHTmgdg2nHQ0XQWYuDjgUroOVgQTR  
dD5WJgc5o5kHlwxRzIfXQOPSizlORiEDHfijmQcgjDlzRzByAq54o5x8grH  
bxilzhyCJg9iKOYORC45xRzD5UABlo5g5UKFzRzMOVC7KLsLIUACldhZBjii  
7HYUAYouwsGBRcLCEUDClcAxQAEe1ABjipQAmOKAFxQAYxQAvagAoEleKBic  
0AHJHSgAGcelAAQRSAMHGAYCdKAAg+IYAE0ABU+IAhCvtQMQRjmmhMbitTF  
jSofamIXK9KQDXAK5xQMUMNo4rFo2iBf0WkOw0lj0UUDGkvnsKNAE+f1xRoF  
hQhPVjQA5Yx6UrgOEZ9KAFEZoC4ojpXANgoAUIKBChcdAKAEwc8ilcBaADGa  
YAFAPABIFACb7UwDloATJosgELHpQAmSaLAHNMAPFACdaAFC0ABwKAG4zQA  
oFFgHYoAQmgAxmgAHFAC0DDFIQnApgGc0AGKQCZpgA6jPTNADCuOe1dJziqS  
vl6GgQgyKAsOzgc0DBwFANIBu7kcYpiHNnsPxFACEjA9e9AWF28fyoGIFB47  
0ALgDAPWgQAelAWADJxnFIYNkjHFFACKcYNMBCMcUAC9c0CFzyKABsZzjBPp  
QAAGnNADmODxQAZzjNACZByD0oAcpAFIYgGTTEKw6DHegBeAQCPxpDEHoBx2  
oARVBz2xTEOAA4JoGOAAAHakAmcg47UwuBwDkD60ALnPSkADpgdBQAHBGD0o  
ATIUHvTAXIHT0pWAQDHXkGgQKc+1A7AcDjtQAADB657UAL39qYB0JNADWwF4  
6+IIBwlHSgAPy8YoGIDnigQuMcmgYgHHpQIG5AHTHSgLATxgUAGfXpQMCCO1  
Ag429+B1oGC8ngY4oFZiLyeQRRcdmKBkUXHysGVucDj0oug5WBQkdOtK6DkY  
4IRj2o5kPkYnltmlzIQPLY/WjnDkDZgUc4cgrR5I5pc4ciF8sdCaOYflhNg  
3Yo52PkQ4xr6UczDIQgjXHlo5mPIQBV34xxSuwsh+xfSi7Cw3A3YxRdhYcFG  
OIGoAFwaWoxrLQA5RxQAY9qAGsoPSIYYmw54FABtOKLhYbtNFwE7c0xCDhqA  
B2AGaVxpDPMCKAnrQFrEiYYZFGoeWximlbtINFwsOxQAbR3oAMCgYYFIQALQ  
MMCgAwKQBgUwDigA4FABhfpRYBPloAMrQIQlaBibIPSkAm4Z6UwF3A/w0CDd  
jtRYYbiRnbRYQhY+IABuPoKYCZloANxxSsAZPrRYynPrTEIR6k0gAhT1zTGN  
lwMdquJIJCAAVZAhAJpANI96BioCV4HespGsR3IsfaoLFEZ9aLhcPLGeuaQr  
ihU9KAuLgDoKYBkdhigABJpAGKADbRYBcUAJwO9ABuA70AG4elABuoAaWNAD  
SxoCwZzQAoFAC4oAaT6UXCwmCaBi9KAA0xCAUmAtAwzTEJQAAUgF5pgGKVws  
GKACgAxQAUAABNBKQBRcANMAIoABwRRcBuMZzXScwEYAI6UALnigYnO0ZxxQ  
AhBb8KBWA+w6UAKDnlpDQhKjznrQIXOR9KYCoAG9KBiNwcjnNIQo65NMBMh  
hmgAX72D0oGBO3jP4UgEL8mmIVSGB4xilqUICRNp4UxNDmXgZ70CBeDyOPWg  
EBIloABgkY7UAK/SgBORRcB6ntjk0AKQdvpQFg5zSAGAU4B60wBQM470gEPU  
AUwHMHVHz6UBcapJOemKAsLnJOBj1oAQsQcYoAUk5PGKQxACTxQA7qvA70A



HBGcYPcUwHL6UhjQDnmgQEDP86AD+MEUDsBBwR6c0BYTnbz3ouFgyARk8etA  
WHDB+7SukUoti7GODx+dLmQcgbOckijmDkDbg/eFHOHlgwvQsPzpc4+RDtq9  
2FHMx8iE2JjrS52HKh21aXOx8qHBVB4Ao5mOyFwo7ClzMLBxRdgMOM0DHKAB  
QAvGaAAYoELQAY56UwALQAYzQAEUAG0ZoaAMAHpQAuKAAKB2oAAvPSgBcUwDa  
OtlAGB0/U0xCEj2pDEJBpAAK+opoAytFgDcPT9KLAG7HaiwXELe1KwXGkk9B  
RYZGd5/hFACbXJ+7QAMhK8qQR0pMEVWjfJBU80JpFMsrAxquec8Gq0ZLRIGc  
8ZoEOG7u36UAOH1oAX8TRYBKADv0p2AXA9DSsFw4osAmKLAKRRYAwKdklbgU  
gExQMMe1AB+H0oAGOccUaANB7U7CCpKF4xQKwZ96YAcYpXHYSgA4oulMimAH  
2oGJn2oAXI7A0hBn2oGlc/3aAGtnODVxZEhp4OKsyDApgJ1/CkA6HoQOxrOR  
rEcd1ZaljTuPHSgAVGB5NO4EgWkAm0UegBgD0o9QE3KKAav6UwE3etiLCZzT  
AOaAE2knmkAuAKYCFsGawTSATaKY7i8CkIKYBnNIYmKLAGKBBimAuKQBigAx  
QAY4oAXAoAOKADimAYpWAKAEIpgjsAKYwpCCgBKACmAUhgOSMUwEBlrpOYQD  
J69KBCAZGQKAAqduQO9ACg5zg90tIYdwPWgAYYXtTENQEnGM0APxg4z1/SgA  
AGcD86AFwOnbHFaxCAAPegTEwMcDpQADt60AK+0kevrQAwDnp0oAkyDzt7C  
gBu3mgBVznGeO1AeobeOD1oD0EAGPX0oAASFz70AGcigB425AA+tADiOcdqQ  
7Ck5IA6d6YgAwOOgoGITyOOKAFULn0PrSAAr2HGDQADk8/gaAHqcCgCMkBu/  
NMQp56npSCwMM96BipnPPQ8CgBF+7n3NS2y4xQu/H17UuZj5RC5DDj8aOZj5  
ULnJGOc0XYcqHAZ6DB96LjsAG7pxSAXYDyetMBNg7flSAQxnGKLsYojKrgcd  
6QBswfvHHpQAbPQ0ANcZ4CH6k07isNjTOQ4oGSBFPbj0pANMbkcrk+xNFhpj  
lYg4KmlYB6uO6/nSsA8Mv0p2C4u9R/8AqosFw3KexosK4bgOgNOWXdf/ALNK  
wXdf/sfrYlhuPZaLAAJ9KdgDJ9BQAZb0osAuTjoKLBcMkdhRYLgXb0FOwCF  
iBmiwDgGPU4osIOR0Y0AHXvTAGApAlAuelAD1Ax93NMBrijp+VADAB2WkAqg  
+IAC4oAKADFAwxmgAAFAhdv4CgBrKcUrDRCwx3pWGJgUWC5lo54oEPAPpTCw  
Y+IABkeooATI9aAdcP8qADdnoDQAZwelAAGyelABk+IACHcfQUAJk0ALmiw  
CA+tFgFOMdTTsIaaVhikLngUAJx6UaAGAE1PQAx7CioAflQAn5UAITQAuRjr  
QAcUAJ9M0hhmmFgxnoDSAPmPai4EchdQDgYzg04sTQZGfatTBoQ+IAXAcZoF  
YdAcOQehrOSNIkxKiszQYXA6LQAbeyegAo0ANzHvQAhhJpBYT6UwDHRyBcelK  
wBtzTAAAKLABYDpQAZJoCwmBQAfhSAKYwxQIKQBii4CYoAXFABigAwKAFxQA  
IFwFouAIABRcLBQAtABQUAUIaLglaYcZoAM0gEoAKBiUAFMQDORTAafQ10HM  
lo2/Q0AOY46dKQ7iZPTP4UxCquRnpxmgLDRgHNADsH8KAsHI6cUD2FHI6cCg  
AGAcDgUAlx4ANAgVuKABsgg9jQMdwck8ellBuOKYhDnOelAxUJOQOaBCqQSA  
c0AG4Lx/OgBVHB69KAGcgACiwXDBU89KAsKF+YHoDQFrEmACTQAoblwOtIBD  
nAApgO6Yx070gG5O/PbNMAxknqDQFhy8j1GMGkMTcoHTI7GmK4inB60ANY/N  
kUBcXcd2e1FguOJDZB6EUhir93k8AcGgBEP7tSO+aiRpETCnnGPalcoMUDHA  
Y6UgsOHPWmlIUUgHDOKYWAigA/CgAouFgwM5l/CgBQATyKQBtz1HFMYuxOy0A  
LtHYy+IAG2gdjQAmwds0DF2jvSANO/CiwgwKYCgA9qAAJQAbKAF2UAG3HcUA  
LjjqKAek4xQAu0A0AG0YoAXCgUAIQPSgYBM9vzoEHPTFACIWzzgCmA4gDij6  
0WC5G231pMBFPf8AShMCXcoGFyfemAxiCOhpMERhTmlqMeOOgpglS390fnQI  
QbiegFKwxQW9BQAHDnoKYCjcPSgQmXPpQMRi3rQBgyg9aVguGwCIYLjwMdKd  
gF2+tABtHpTAAoA6UrgG2gAxj0pgGBQISgYZWlcBQVoACR6GgBpPtQAHPbFA  
ACQMdqADNAAD60AB470AHhvTAbke9ABxnkUgFwo7UWATj0FAAee1AACR6UAL  
kkdaADPvSuOwfjTEHOotFwEwe2aQDWUUsCKYDduAM9quLM5oQ1ZAh4xxzSGI  
nD+2KiZUCVvasjUQLzTQC4xRYAJ9KQBGuAGe1ABkDrQAm/HQUAJkmgLBigAo  
GFIQvamAlAwpCFxmgBcACnYBPwpWAKADFABQUAFABigAxQAYoAOKADloACR  
QAmAYWAmgBKAEyKQ7CEimAZpAJzQAuKBCAUxi0AJQA0EcA9fWuk5QYY6jg96  
AAJl4oAVQO4oABlcjt6UAAGe1AC54welAARjHcUDF6DjvQlaSTQAFfm9qBi4  
AGF60AAJ+6aBAQQKAEXJGBQAgBPWgLi42rlenegBVAbraQA4gbCMc0AIDIQOI  
AAQQaLAlcngigAPFAAG4xQA5Rk46HtQAvJbHTFACjgnHXvQAEEnNIIdgJx1/S

mAYOeByetlLDW5OBxTFYMEj/ADxQAZB4x+NABjPQ4xSACQQOMYoGMOdp54Ha  
mJIFzsUEYArORvHzHhIH3s/IUleg4OnTNKwAXQd6ADevY0xC71HTjNFwAOOM  
ZH1ouFhd4B4NFwsJvB7ikA5XAI5FAC7zntTAXJ9sUrjDJzwRimldnpyKADPP  
Wi4WDOO4/Oi4AT9KAAHntQAZHrRcAJB6NQABgO9ABvHvQAu8ehoAQvn+GmlM  
n+7QMXJ/ugABf0FFhB8x7gUWABu7niiwC844JosAbSf4jRYACnHJOKdgDbj  
v+tAC7KAHCMEZ4oAQx88YoAQLzigCRAKBAVHTFAyMjBxSuFh3FACHHHSgAyB  
3oGG5cUCE3r0xRcYF1pAJvHpTAAWypU0gG4l7ClqMXnGMCnqAoJx2oELk0AI  
Sx70wDLGkADkY5oAQgelMBO1Ag69KAExzSGOAouAYpXAKYDT6AUAH4UagJk+  
1GoBz0oEC55BpgGKQxMc0WAOKAFx7UXATGaADByKADHPSgAxQAuOKADvRcAJ  
4wKADPFAACT2ouA1wSvSqiYWiP61oZCHJpDGR98YqJFRJwvHNZGoEeIACEE0  
wACkAU7AJ/Kk0AhGeKAER2oAUCkFhcUwF7UWAb9KAADmkA7FMBcCkAmKACm  
AEeIIAxQAYoAOKAEyKADNABmgAzQFhCfagBCaAEzTAM0DCgA5NAhcUgExQMK  
dwCkAUAJQIKAEJpjAHFADOOOBXscooyR7UBYOOMUAObrhh0HFAxu7nDd6BX  
HDgYoGLjK0CsAI6etIYZ7UxDWBBPPSgLCrg4xnPvQAoAHzfzQMCQVwG/GgQm  
AOv4GgBQFGSOIACEkDnoeaADIOee3SgBANvegBQxJ46nvQAo5GMUAGlJ70AA  
70AIQeOKAFxge/egAB+Tp8w70APByOeKQxPufd70xDhgHpikAmcmmCEJw3zH  
Hp70AgABHegY0n5gBQJAVIb39KAFxIsg8+1IYE8dehpiEf7jEDqKBokJBVQP  
SszZlQLk4qeYdhdxwKLgKI/akMcEA4IpiFwOw6U9BCkDA4pXGLtBGNnNADS  
gl5UUAARP7tAAVXOAtPQACgJheaWgChF64NFgF2L6UWADGh7GiwXDy0HY0WA  
aUXPANFgFwOIFgAIPtIgB4Vf7opgGADwBQIWgBKycg9s8UXAUUgE4ouAuVJ  
60ABIFAWyMUaiFyABzQAhcE9T9KAAMPegABXsDQAu70GKYAGzxQAZYdDx7Ug  
EyScZoAUBx0JouAhD0BYNp7/AM6AAg0Alt46igBNoFABxjqKAA4HegYhZR1O  
aAAbT9KLIfWpQ0hjt9KAFGPTNAB+FAADxQAjFsjAoAmk/WgBOe9ACEUAC4zj  
1oulCcHpinoAZPagBQD70hhzSATB9KYBg+IAWGNAC4x6UAIovOMUAKTjxOP  
wpglDkUmAZycZGKAakGgAdcYFAhu/j3oGKWx1oCwgYEUAG734oAN2KYAHGOQ  
RSAQMc45oCwoY8jmmIMvgDBzQAnzngimgsnPPHpVlyAExyDTAb/Fn0NTIqJO  
pyKxNRDTuAn1pAHX6UAB4oAP84oAMUgD6UwACIYBcCnYA4FAAQD0oATbikAu  
KADAFMAyKAeyOwpAGfamAUgDNFwEouFhM+9AwzQAmRQAZNIBMGgAxTAABQAo  
wKBC0AAosAhoASgAyKAezQMQmgAzQamaYBk0WABYRigBinAwa6TIHoc8fnQC  
YuzHA6DpQMQtnigQBQ3bpQFhQM9OgoAXPH1oAR8DpQMTNAGJIGAMk0ACgqen  
40Ah54GMdaAY0H5SuBk0AIoKgdCUBYU80AHJA9qAEK7hnOKAFbBxjqOtACE4  
YfTtQA5c5yOBQAE4PHegBwwFHvSACM8DtTAQqcn9aAF4JOBIGBQDkA9qBikg  
cYzQIByKQCDp060wuKRxgjlHrQAwnIoAaOtA0PIH40gG9+KYhOc4NABKSIml  
7CkNIkUOuMjt1rJm6HbiP4aTQwDsP4OKLAODsf4DRYBdxP8AD+tOwrgC2MAf  
rRYLhubHK/rRYBQW/u4/GgBMn0pagG5s42mjUABbP3KYChmH8FAC7yB9w/hR  
cA8zn7p/Ki4WHqWPYj60AlzADgGgCMsfSgBNxB7UhjgzHpigQ4H86YCZY46U  
ALhsfeApgG1u78e1AhQBnvQABQOgoAUAgFAC4oAQ4HXp7UAKMY60AJ+tAWB  
gO1AxAvI9qQCgYOetMQ7j3yKYCqx9KBC/Me1AxjK+75QBQA4K/c4FFwAq2cZ  
NIBNuKAF2GgA2DHSgBCgoAAgNADSFHQckMRtuOKLgKpBHTpQA7r0BoAacdwa  
AF+goAMnPSgBOaAFxkUAIBSAQjnrQAEqo60wGjGaAELgHH8hT0EG/sFP5UaD  
HBzj7hpABc/3D+dAWEBbGNpoATDtgD8c0xBscnsKQxPLf+8MUAajY/xUg0Dy  
zZuOPT3oAUxgD73X3phcb5a9C1AAUQdM0AARfSgBdi9MfjQAbFxbBoAUqMY2  
UCAL/s0AGwkY20AG0+gxQAEHI6YFMBcH2oAMn1FADWc46gUCljwashii4DG  
PbFKSBEy9KxNQ+IMYcDrzSAOtMBMUgFwaQABTAXFABgdzSAQ7RTANw7CgBMn  
2FILC5PrQFhKACgLBQAZoAQmgBM+1FuwwyaPUAxmkAYFMAwPSkAYp2AKACgB  
KACgQmRQAuaAELUAJmgYmfaiwByaLAGKAExTAMUAGPegAoABjloENUYxnvXS  
cw5hhuB+VABnOCOD05oACMtwMYoAC2OnWgBVPC9aAuDcqKABepoAANx9MUAK  
x9sYoAXdk4I49KAGn529AO1ACsDkUALnl9+1Axgzg5/GgQrEFfTHegAAUop/

OgBSN3QUAIQR2oAF4GaAH4XOV5oAQDnHWkAgBD8dqYCsZL0oABg4yaBjuAOD  
QIMHoOR60DsLyhA4INArC5O48df0oCw1mloATGfSgBpyPegB2QBQAoOSaBjM  
bs9iaBDZQUj60hxJyfm46YrNm4oOam4WFAYOoouMUAetFwFyvrTuIMjHf8qA  
BnzgYP5UXCwgYdCD+VFwsLuUDjP5UXQChx7/AJUXQBUxPG6ncQiuB1J/KgBf  
MXsTQFhDlvrSAcrbu4ouMcRhfWgCBjzQAmc9qQBznpTAfz2FACjPpQlcA2Og  
oAXDEdQKYCgH+9QAoXnljQAbF9TQAoVf8mgBdqA0AJhB0HNFguKCuOg/CgB2  
V4AH6UAJnB+7xQA4H/ZNACZPZaYAF9V/WgAXgkDHvmgBT/vCgQcnv+QoARs9  
c/pSGIxIGeTQADJ6K1AC7SAdwl9qAEVCTjGT9aBgUYdqAEMbHkbfzqdQEMbD  
g7c0WYCiNhzu4o1AUKQeufemGgFAeposFxCgx94CiwXG+Xk8uaAF2KON5osA  
oCDuaLAIsg6GiwDWKYosFxmOoqg0rBcNy9IH5UAakl4CD8qdwF3seqikAm5u  
gAap6gGXHegQYOaADJxQAc0WAAo7mnYAwP71KwAdo70WC4fJ2FOwriZHRSs  
O4ucfw0AJuPpTAMt2xQIQs3qKBik/wC0KAGlsfxUCFBBH3qAG5Hcn8KLDELr  
nGDRYBcqo4BNOwhgfJxsxSAGOe1NITYyrIYucDOKBDGPI96TGiWPIAaxZtEc  
cmkMbQAcUWAUEdgaYBk9gKQWDLv5UgsGPei4WE49aLgHHYUAKKAEJoAMiiw  
wzmiwrCZNA7Bg0AGKADAoELigBOKADikMCKADFACcUwEzQAE0AITQAmfQUgA  
mmAmM07gLgUgDii4BTAKVhCZoGJTACR60WAbuUdKAELjsKdmlFcl1zwMinYB  
6IPyFb3OewADrnigQE59KAFFPM8UAJtxj6UABGQAODQAoBA5FABJA4oAMcYH  
X1oAUAbearAslc7sAfnQFhV5JDD8aYDSRn0pAhxwNu38aADGtKHaoDcCD90ig  
NxSGRcAZFACA8Zz+FAC4zQAu0EjHWgA4Bz+BoAcdoOeQMUBZDQuDn1oAacNz  
2FAD8DGcUDA8jpQIVMAZbPtQAEZ6GgABAjz0oAMgnAxj3oAGUjpSGNAycUAI  
RximKwHJFAAQBgdqAGS8pt7ZFlcSfcm/GRismjcUFCOuKQxw2Y4NACgpnqKB  
C7kA9aAAuMcA0AN3k9FouMAzZ+6aLiDcccigA38jimgHeZ/stT0EIHbPCKij  
QBpcsM7PwpXQDfNQNhhz6EU7AKmPMJ6CpZSJmIK8GmlhJ55oARuRjpQFwwSR  
hgPb1oAUbs/eFaADwSD1yaYhw55LYoAd2+8aAD5fU/nQAox6cUAAK+IACjHZ  
aAF9gtAChf8A9VAC7SeKAuBTjg/jQAgaJ6k/WgBxUAfe/WmABV7/AKGgACqD  
kZ/OgQcA5GD60rDA7OuBTsIMj1P4UDDIzQAgakAhbnIOPpTAC/8A9fNIBA+D  
xQAu8kUAJuOKAEyaQCbuayBkmkAZPrTAQn3pAJn3oAKACgY0n/ZpAN5/uUaA  
JuffjAAoAIHvTslMjHWnYLiEj1FKwCjHrQAZHrQIMj1oGBKj1NADSSTxwKYC  
baAFxxSAbtGaYhdvVQMT5T/FQA7jGMnFACEjPHSgBRgUAJxSAOOmBQAAD0pg  
IfYUgEAbPI4pgOOeygUANocdqBDScdxRYBu4nnrVRREhD1qiRQBjmmAmBjpS  
aGh0ZwuPfrWUjWl/aT1JqLICbR6UAAAoAd9BSASgBCaBiZHpRoAZ9BQAc0ag  
GKBABQAYHPRcAxQAcUAHFABQAc0AJQMKBBn0o0AD+VACE0DGk+IACcmgAxQA  
Y9BRYAxQAdKADNACZFABuFACbx2FOzAQvmiwDS/vTslaXNOwCEmgLCEnNAAD  
QAoPI+taEgJB4NbnOOHyjB6UCDGTmgAJ5x1FADgecdMUhh3piBSCCc8HpQA4  
euMUAUUY6UAITg4AoAD8zbehxQA0gjjODQFgAzjcPyoCwpxxt0AUMuOQQR+t  
AC8Eg+vagAGCM9hQDsNVcsT+YoBJCEZOVyDmgB6sTxQCFxg4xx1oAaf7v6UA  
Ko5wtACjGCDQA0MFO38qLhYcDj2pDHcEYFMQzd6dqAFA4yOCeaBikZHA5FAD  
Qc85NagOQcqvQFgHQg80AAwCKAHHBPFAEUowB6ZFlqJMChc4AxWbNkGUxwoF  
ToMNye1ILCgoD1FAC71oAQuoHBpgJ5nloCwb8etFwsG/0B/Ki4WAs25SFPFK  
4WHI37IcVVxAS5UFVz7eIMQw+cOi4/Gi9wsRujyOmdoI6802mCaLCxYUfOtR  
ZIXQ9Yz03qaAKzON7KD070xCgkD5zgGi4hAEJAJNaxwC+5oFccoXPGfzphcl  
RUAWwP50BcMKOgoADjOQB9KAH7I9h7UAKHA6AflQAu/jGOPYUCE3H+7RcADH  
sCKADLUwEwcc/wA6AAA446UALg4xxQA7DH0oAMHOC1IBMcfepgIQv940AHy5  
6mkAZXnqaADj0oAOMelMA49/ypAJnn7poAUA54oAO3agBplosMTPPSgQhJ7Z  
oAbg5oAUqaBiBfbNLQBSCP4cUAAZgMDFOWDcnPWIYB/OPvUwE2knqBQAm0+t  
FwsJt9aAHAKO1ABkZ4FIBCRQAZFMQufpQGgZ9x+JoDQTePUUWYXELrj7wp2Y  
uZCb0z1osw5kJ5iZ6nFHKw5kAkQ9AaOVhziF1H8J/OiwuYTeD0SjIdmF3nsg  
o5A5xN7D+EfSjkDmDzHPYCnyhzBvfHWjlfzBvc96dkHMIWOeDRyoOYTDHnca



LBzDSncsadhXFWPHeiwXFIAYKBCg4xgUwAHnFADTyQPSkA5MBio61INGsGPP  
Ws7FiZ9qYBk0aAHNK4CEUDFwPegQgHtRYYH8BQAcUXELRcBM+1AC9aAEoAOK  
ADNAwzQIKBicUAISKAeZSCwdaLAGKADHoKADFMbPIHegBC60ANMg7CnYBpc0  
WENLE96dgDJosMM0rAGDTATFABgUwDApAGPancAoATBoAUD5hzjnrQA9TtPP  
etzIHdk8UAKcH2x2pDBBnn9KYWBgcUCHAYWgBhYKMDnFAXHbxgYloC49G4yK  
AEPI9DQHqNA7igBc7hgigBNpUcdDQAcA47e9AATjlxkUAOAyMAUAlcAbQMUA  
KODxQAObxt69zQMRcAccGgQpPPJx60AKAqnPWgLIACM/pQAjDgYPPpQAgAw2  
7g+1ADgDsyetAWF6DmgBoXHpxzQA7qMngUAALBfIFADcccDBzzSGL/KgBP5+  
IMQuB3FAxQMc9qQENz/qWOe+RTBEsSBgC5xWMjoJRGmMAMkA4RRdwaVguL5c  
fQKaLBcUJGOi5phcUBB0QUWFcPlz9wUWC4bgP4FosFxcwj+BaYgLE87QKAGF  
37U7gMZnH8QH4U7isRMzdC5ouOxEyuHBU5Hep5mOxMqF15zS1Hsl7EDC8e9O  
wrkQAHSgBTx2NACryRnigQ8L70wHBRmgCUKIOIACjaONtACjHYUAOHT7tABk9  
gKBBlvamAAtjigAyTxSAX5jQADPOTQA3l/vfgKAE3jP9aYBvBoAUEHgLn60A  
BYKOVoaUOp6D86ADeM8gUALn0xQAozjsBQAHOB1FAASfXP0pAAHXAoAaeP4  
v1oAbn1l/OgNBdyjqRRYLiGRB6UWC40yL/eH5UWC4hkX+8fyosxXQGUcdTmn  
ZhztZgP4TRZhdDWk5xtNHKw5g3/AOxijlYuYTe3ZRRyhzBvftRyhzAGfFHK  
HMGXJxT5UHMxcP0ziyC7EG/PWiyDUMN1LU0kJtgF9WNHKLmDbnGM07BcABR  
YLgQtFguAA9KBBtwOKAAduKLgBGRwKADbjpQAcHAoGJjH0pALz64pi0DBNMA  
6cUAGM0ABpAB9ulAxB/OgVhenBFACDigQvagYmQOKYAR0x1pANIINADkAD59  
RUTRcB+AayaNRcY7UAFaxDikITNABnNABg0AJxQAcUAGaADNAw5oAMUXAOKA  
EzSAN1MBCc0gE70wEJoACRjrRYBuce9ABvwOBTslQuX70AJkn1pgNOaADbnv  
QMMCgAxii4BgUAFJAlaYBQAuKNBBigYuBSAQkCnYBN1FhCFqYxMnPFMCbOec  
cVscTx3A/GgYmex60AKfIGRwTQAqjl47UAOzigQxowBuB69qAE8sKR3zTAK  
OFAHakMD6joaADr049KBWEz26GgBV7fnQA0g5z69qAsLtw3PpxQFhVO1h6UA  
BBX5sZA6+1AARul649qAFwwOB0HegAGN3PQ0AGQD0z9aAuKuQM4GD60AKBgC  
9aAGHk7gMUAKo5JxSGKwGe4FABtxx1piEwBgEcnpQAu0g8HPtQAZw2MUWACR  
zxigBoOBjFAwBBQBQldnIIPQ0AHAHrQDlPkZ0Ye3FA0llwQq/Lxis3E1UiQX  
Az0NS0CY9Z1J6E0WGPV89FouFh4LH+GgBcNmgAwaYAAaLAPAoEBBoAYV46mi  
wDGT3JFIY0xqe1NoLjliA6DilZDuSYC9MimlruOc4pBYiGR0FIYu4kAYpgOU  
Z7UXEPue1AEoGR0NACgHstMB4yPSgQg3E8CgB2OotACbR60AG3Hf9aYadvb+  
dACZAHX9aVguG5AeWH507CuNaRPUEUWC4B4se9FgulZI89P0oC4vnop+6fyo  
sHMBuR2Q49qLC5hpuQR9z8afKHMHNk8bKOUOYb57ZxsFHKHMKJHIPQCjIDmE  
8xz6fhRyhzCb3JxuxT5RcwZc/wAVHKfXnrZ+8cUcqFcTbGetHKguLHrTsgu  
IEHSjQLhtx2oslcgxxgUWC4oUAYxQA1sKM46UAKo3gMOARmpci1EcUlX09qX  
MVyoUID9aLsOVC+WT0/Oi7CyltrK3B/CldjsiQxbmHzFR6CgBhTkJB+tAxcE  
HsfcUXCwbiMHaKV0FgLK3AHI9qqLREojSOcetWZh1GMUwDoKQCsb2FADRwRi  
gBSSKBh34oEGcHFAB16UAGAKAA4oAAaAE6UABwKAFXnpTEN4oAMHPTQAq5Ue  
9AwzyOKBCA8kYpAL16UDADnFACHrTARjyB3pACffBqJfXJqzNRKQw4oEJxQA  
ZpAITQAmSe1AwwaADFAg4oGFIayaYCE0ANLCgBNwoAQv6UwE3E0WEJmiwwzQ  
AtAhOBRYyUAJzQAUAFAbQAYoAQigBMUxAeaBhQAUAAGfakAZJoATmncLBtNMQ  
m2kMXb7UAOVSWHHGaQDidw4HWuk5QwB0oAVgCOBQArAFf6UAJnBwKAAHJ6UA  
KwwQRQA4DPagBe3Tr3oGHA460CEOCeKAGhRuzQCJCOQRwKBh95vm6e1ACEZP  
XFAgYDtxQFhVxgj1oAU442jGOooAaTz3oAGHT69KADHJOM4oAU8gelAAxJXj  
mgLCAgDnigBxIxkCkMCOB70xCEgdQfqKAFwDQMOQOOKBCcE8DBNACMMdaAEH  
XPQEUAAxkcUDHHocd+1Ag2gDn8qLhYB156UAQeUA5UnHcVERmkLE6W6AetRq  
aXJVjA9qVguPCgGnYQYHrTEAxnrQAED1oGKAOIahwA7GgBcfjQAYGaYBtX0N  
KwDQntRYBcKo5osAxnHamK5C7g+IKw7jDiiwXDgUWYcyHBx2B/KjlyZDhIR  
gBPzp8rDmQplf+7RysXMG9+4o5WHMG9uyge9HKHMJvf1xT5Q5g3SZxnj6Uco

uYMtnBY0coXEO7P3j9KOULgRxyT+dOwrgEGe+PSiyC4oQHOeKABUAOMUxAVX  
PAosABec0ABAyKAFOMYFADccYloAXjHAosAhxgUAKRxgigAHTmgBCPI980wF  
XGKQCnrjtQAmcHjrQAYPSgBcY4H5UAIQAM0AIDmmA7kjFIENc4RvpjFAIEO0  
BQOnSobSNUh+ST6+1RzF2AZzkDmi4WQ4FhwOKLhZAR74PrRdhYTaAclzS1Ac  
cA4NMBMgHGPxosFxrM4+6ARRYLiamzAkAfSnETGnhjWqMwGHH40xBikAE8AA  
UwAjl4pAIRxmgBQelABQAdMY70AKQQAcHB70XCwmOMelAB3oAQ5xTASKCFHA  
oACOKAsCggDnpTAAKBaeOO9AwA/AUgA8LxTCwmOc5oAQgH60ABwSMUgGE4YY  
9amRcSxx6VizVB+FACc0BYMUAG0UmAYFACZoAQkCgBC6jvQAm8Z6UWAQv6Cm  
AwsT3pajDNOwCYoAMUgDGKYAPpQIWjQYmKAF25oEJigYuKLgGKQCEUXAOIAA  
adgEoADQAmPagAwaAsLigAwPSgAwOwoAnp7CgBQh70CF2UAJhRQFw+i0DD58  
8YAoAVflzXScoZzxigBc4NADuD0oATbnnFACHAGTQApbjOOKAuOXHOeM0XGJ  
yOO1ADWoFYUKccigLdwAXrnkdqA0JBgjGaAEHGfSgBGOeMZoAMA9uKAFI4+W  
gAjxmkAnJHbjvQAU4dRTAUkbeRyaAQgBztP1FAxT0xQICAEv5UDAgBT1z2oA  
UdBxyKBAfYcHrmgLAVATPegABz2wKQIG4TgUwY05yBj60AIV2jGeKAADPQ4x  
QCBRz6UAh2Qcg/hQAYwBnoaAIXAUhjnAPNTK7Ki7E6bSmccf71RZml7AJEHG  
D+dFhXQ7zUH8OafKLmQCZTwEo5Q5hPMXPC4o5Q5hRKvZKOUOcDIccIB+NPID  
mE8x+wAo5Q5hQ8h6EfIRYVw3vg5Y07LiBnP8RoshXEw5PLGiwXEC7upP507  
BcAgHH60WQXF2DPNIBQuO3IpiE4/H0oAXHzQAgGcUAPHFIYmO+OKAAemKYg  
AoCwucnApDE4FMAxg8UXEiw9KAHdsZoABkjoKAEGMD1oAMimAEdMUgE6H1FA  
Dhz0oAQDBJpgCjr6d6QCH72D2oADgnHagBccc9KAD3oAAMHpTAO/SkaAgHmg  
BTjigYnfk8UCDBzigAK4HagBO3HApgl+SB9aTGhyfPISOKhotEhjOevPrmps  
XcAmAPaiwXArkYyRTsK4FMkYNKwxGVQMfprYBQFByevvRYLh14C/ITABycEY  
I9aQBvAOCPPilmHOQOD2q4siSEwKZAuc/hTAMn2pBYM54zimAdBikIQAZpg  
GDn0FIYDpQFiTe4h8sn5c5oAj560AAzmgaOT/hTAQ4HGOtIA4oACQBQAZGKY  
hcDAoGJ0/GgA/kaAD27UAH0pAIRx6UAN5H40wEZRuwO1SykWByM1izVBSGIW  
A70ANLqKAEMg9KAsMMh7UWGN3k0AISaAEo0AMGgBcUgACgBcUALimAmM9aAD  
HtSAXFABigAwKYBQAhpAITQAZphYTmlYAApgGKQAF9qAF257UALsNFwDy6AF  
2A9aYhdgHakAYA9KAeyKADGfWgAKr6n86YCYQds0AGfQUhgCc9cUwGqCRyOI  
dJy2HDBPAoGISD1oEKc9qQC7hj0pgKwBxzQA1sKduaAHKMHJGRSGL9KBCbcd  
fzpgBYrxigBGOVPGDQA8DjA4oGICerJ6UCulDghQe/loAeRjigBACG4oAQH8  
aAHFRjrx6UAAwDikAEZ5FMAAZk556GkAE9iKYCgbqBgCBkdfRQAcfb6UAHUY  
yaBAvAKnkepoQA4z1GaAsKTKYHBoARs5H60AAAHOM+1AWDC7T05oDQCRnkY  
xQAg69BQA3J3egoAVueDyKAECAjtSGO2gdQKLAOYDFACBdp9qAF74OMUWC4h  
XjrxQAKNrcc0APxzQMBxQAZ3DgYoAAO44oAQ5DdevegQdRQAAAj7vNAAEoGo  
AcBnBzQAAC9uaAEA75oCwh6j0oAU+x+tAAB78UAKDQAmcdRxQAgxjIPB7eIA  
Dug60DAjZn60CE9u9AAfegA6dKADOG4HWgA75oAOKAFHHHaiwDQOpHBoAUd  
fSmAMvFK4WEyO4oAcF4HPFACDkle1MAwemaADvxSAUg59vWgBpFABwCMGgBS  
OOn4UXGaxj0bvQIMZ4HSgBCcEDGR3oAUAMwHrQxoEO2U7uOMVBaHmQDgA5pF  
C78c/pQABYTyoxSACw7cfSmAYycDpQAgCISWUN7GgYmF7cZ7UWAUHoDz70CG  
krkhs8elADc5XgEU0yJITgr71oZhnjApDFB4xQADpzTEA680AHQ+maBh7Hig  
Ax2pAJ7UAL04oACMdqAGgjHFAxe9AhMHFAC8DjigBO9ABnBwaAAjNaxOuRTJ  
FyMCGBMigAO3FIYmeeKAsNcnOTzQxjw5ZQQcCsGzZCE+pNaxOKQCUDDFAhMU  
DDHHSkIMYoGLigAwKLgFABQAUkAA4ouAnegAoAMigAzQAmTQAZoASgBQp7Ci  
4C+WSaAFEdGoCiNRQAu1fagQZUelABuHaiwCZz0FABz6Ypglf94Ci4CHHqTS  
AQY7D86AF5oATFFwFwKBhxQAIAB3oAQnsO9dRygD8vTpxQAqjPWgAGaAsGM0  
AOPTPYUDGkZIJ6UCsHIOKAJE4Xrg0DDkjpQAAE0hDspPbrTAReCewFAhc/IG  
7dRQMRQd2e9AEnbA70AA6HB5HrQAKvcYNAAenSgAGeduKAEXATOMEd6QxwHH  
TrQAY7NxTCwBfQ4NAGayv9RQAmcgE9qAFYgHPXloAQfLnuD2oAdkEYoAQR+F



ACHAJH8qQACcDloGB25wKYhNvzYoAXO04lzSGJgZxjANMAAwcdqAF5PB5pAB  
GB0oAAxloulUZBHH1oGhcAYPbNA7ACC2B+FAhOB0oAUD349KAE6Y9O9ABuXJ  
FMABwfagSHdDnIPtSGIOuO1AD8gUWC4n3SOM0AJ3oAQk0AGOPp2oCwoPFABj  
nIH5UDsPEb45XH1pXQ+UURk4DECLfKBjTOA4zRcOVAFTccZP4UrsrIE2jBG  
0ii4uUYSM8c4qiBRnHTmmAcDrQITFACj8qAEYjtQAoAA7UAJjn6UAA9hxQAD  
8c+IAAGBoAMjGDxQAE54xQAhwQCaYcN5fxoAU89OBSAMkjAoARRkHHSgYhx0  
oEL2pglefpQA4HAGORSAQjA9KAEX+VJjQsv+sBqS0OyFbaGpFASAPU0DD5ce  
ue1AhcjIAGaAEJGeO3ei47C5JOT2oCw1jzQAmfSgA8wjjA96QDAwzjt/KqRL  
Q4gd6tGQmeKAFI464+IABgY6UAH4UAJjipTEGM4NAC9KBgenvSATFABnNMAI  
xjFIAB9qAE5HFFwfkHYUB6iMe3SgAl5FACnAOATTsAhyOf0oAXk0gDAxQADb  
6UAM6+1AABITRYSYifcA9KxaOilvFSMOM8UAPY7kVdoGO4607gkNxikAGkAm  
M0DDbmgAxSAMCmAoxQAhNCAMnGO1MBpNKwCZzTsAYJ9c0gFCE9qLgOEbGjQB  
RHQAuxR1osK4ZXsKLGbYjotAdD7k8JTAUiQ+gpAJ5bd3/KgBdij+I0AHyjoK  
LglXA6CgYhYmgBM+tAB3oAUUAGKADgUAGaAENABTADQAgPIoAco5579K6TIE  
7kUAOAB4pBYaR2pgLk7RigBOpANACkAHjpSHYUUAUAOB7UAAPOB+tMBSeSRx7  
UAlwBQ4PI6UAMVe5FAhVxs2t07UAKPugE0gDcARTAVSpPA/OgEOyAemKAYmR  
j2oAFHOO3rSGglyuCeKYmAJoBBtJII6d6Bing0CAAdKAE4KkY6daABQSMEY9  
M0AKQy+4oAOH54oAAeeKAEcHOQAPUUAznB6UDBgDk9c/pQFwU4xnqO9AXFb  
DH5V69aBCYJG00KBi8EY7+uaQABQMqNl9u9MQoXHT8jSAXg8EYNADVyAcUAL  
g9uM0AHXAxQAEnkbeexoAUfiDQAEKcEcH1oABjHTBoATAJyDgjtQAo45/QUA  
LnrigADAcEH60AIMFsdM+tDY0iQKndiR7DNTzFcoqqh+6rN9eKXMPIFGA3yx  
gemaLjsKBjnk7SfQcUXHZCMjscM5P0pahoGxM4+Y+5pgO2BRwB7UrAGCR8wA  
9/WmAYII+bp6jNAERXlj2qkZyE4B600SBPzbccUAGD25FACE8cUAKD7U7AJ1  
PFIBeeOOtACj2/WgBvBbnrTAQ8dsUgFJOOIAAcHp0oAQDI5pgGc/LikAoGKA  
HDv6UANzn2xQAY5zjrTATpSAOKYCK4HFACZ59qAFxk0hoJB0Oc444qCgG3IA  
HFJstDtnOQB7c1NyrDgMnJAouFgAwc8UABX0/KgAAwMfpQAFQRii4CFBwMUX  
Cw1owT6Gi4DNhB4FNA0K2QeRitImMwOBVEAKAFNIYgHYUwFNIAIAx6UAB4Pt  
TEJimgYe1AhO+AOaBgT0pAlfagBaAAjp6UAGAeuB70wEPJ9aQC9RkDNAhMgU  
AA4oGB5HFADQqEdeXQAHGKAGEht2oAVPm3D0rOSNYkoQY96gsjY7XU9jxSaf  
SAMUXAUy9KAEJ/CjQYhoATPFADSaLAAJPagBdrHtQAvlse9ACiMDqfzNFwFw  
g7igQblHQE/QUALvPZDQAAueigfWgAKuf4hQAbfVqADKjoM0AALdhxQA4ZPt  
RcLCEe5oANopAMYbTTGNNMBpIABpjsLj9aWgg4oAM+IAByaADFaw6UAFFhB  
QAYpgAHlzQAoPPtXScwqgEnjpQFgORgdv5UgFxxTAFHy80gEOCaYgkx+g9KB  
i7eKAsNAyaQrEgGOvNMY3ueKAHADHNA3BAoAa2BQlacnpQDHKFx83X0pDsB  
lyB2HemKwpKg47dqAuGQCQRkUAKhweKAAISeKAFTAPHb1oAQEg/WgAIOORQF  
hFzQA7igYMewoECnFACZ6kgY96AAgZyOhoGGd3WkAm73xg0xAOWz2oAUA59q  
BgCQwpBcU4J9DQFgC4HFMAxkYHWkAMMHqMHtQAuM/hTADzjJpAJ0GCufQ0AA  
DHHb6UxWDPBoGHznfoaQCgk9qYCjgZ/SkAg5OGXB9e1ACAAtkdaAHYAPPX1  
oAATkjpQAjcggdhQBjBGGgR/4scg9qhmiJht6ZAPtQMVMqJDbQB3B5osMZ5i  
AcHP0FFgE3hmztY57GgA3nPCYPuaAFy2eSB9OaAAZzkH26UgECjtn6UDDAX6  
+IFgGuBkHpn0pozkhUOverIE6nigYg4J7UCAEZIx1oAQLgbR2oCwoGOIAB1H  
X/61MBc4GBSAaBk+9ADwQRgjFADR1NABggDvQANgdKAExjJxxQAoPSgBSaAE  
+goAU8e+f0oATPGaAEJytAC9BQAgYBQAAAj8qAFbGzA7dahloaFBAJHak0  
WmLnBwM1Nirji3FOwACcUgFye1AC5NOwASeucUWAQnvmlYBrOFGSeKLAMDqx  
4NOyBj8kgZq4mUkJ2xjrVmYvcAelACHrQMXuM9KAE5HtSAOnFABjPHpTAAee  
tAB+tACdCBjmgBcYlpAlBgmgaPTgcjtQAe3FMBGPOO9AriAEj2oAULxycUAg  
6DHWkMBQAhyBQAhGR0oAUywkYhj8Zl4oGJCeW4rGZpAlzUGg1k3D6GgBaQBk  
etGoxPzoEKAT0FABsY98UWGLs96ADao7UgAEdAKYhaAAjNACbV70AGEHQCMa

oPotIA+Y9sUAGD60AG0epoAMD0oAXp2xSATiivBkUAJk0wDBoACOKLAMloGI  
RQA08UDHA5BH5UANAOAWgQUWAKAFxQAcUXASgBcUwCgAQA9a6TmHD5c0gF9a  
YCEgdaABRzmgLCEc0gFlzjNAC5HTtTAAM9KAsOwA4JzgUAJ2JHSgQm4Y6UDE  
yxYdwf0oFYcenHPRQAwEE0BYccbeBzQA1OWPH4UAK3y4B70AACj+KgLA3H3a  
AFBHUCgBVxkljigA4zkCgBQfQ0AlvPPSgAOfTFAABkjJoCwvQ4PNAbBjK4PS  
gBuCAD+IACg96QxCpwD2JoAXbwPQ9aAFxxwSB60wG7stj0oEOyMDggd6Bioe  
cnkdKAEYjpQAmPxxSCwqnOecUAOUcmgBOeh/KmAESoAcH0oAMDbk/jQAHOov  
PpigSFz8tlyDnvgjqKAFycYFADQBjzQlUDuTn6UDFJPpnNACAkHpg+IMQ2  
2BPmlSQVbP4Gs5GsSwl174NAxQijoAKAHYX349KQwwCwPT2pgBCjtRYBAQDw  
MGkApbHANMQm/gjPBoGIGUHNr2pANcAg4OKaZLQwYFWZiHO7/GgAYZHvQAI/  
TrQCHYoAQdfpQAAjPTGaAFJP4UABAxXXQAhyBk0AKDx0oATPGO/agAbGPegB  
QcUAJkZ4xTAMA/jSAUgjpQANycYxQA3gjAoABjoaAFyOIFgFDjGAvTvRYLjS  
SMkACiwXEzyfcVLLiKgyCtJllelwBwT9aksUoFHRSAUKCOo5pgG0dMjNAAQB  
3H50ABCkYzwaLAIIOA5b9aLMLiEJjGOpEkAw+WvIAz6Yo0AcpBX0FWjOQnfi  
rMwHUZ60ABIHWmlOvFABjlxmgBDwB1pDAkDtkUCAeoFACnoPemMRh0GfxoAT  
p9fWkFgHI5oAO9ACDvmgBeQcgUwEx8ppAB6UAAOOMUxCgcZ9aBiHnjtQApPO  
McUANIApARk84IoAEGHwOmKiZcCXBNYmobSaAAR+tAdggHagBcCgAoAKAEIH  
c0AJ8vagBRnsKAAqx70AJs/2qAF2qO2aLgLwOgoATJouFhc+tAdcigA3UBYO  
TSGGKLCDFMAwBQFgyBQMQtQAUANbigBpyfaiwxMcYoAMUCFFMBcUgDpQAIFg  
DBoAOKADNMBKLAA60AKACcgV0nKPxkc0hiH2oADg0wAAy47UgFwDQAdPpQA  
mM9KADhOpOT2pgOfJA5oEIFKjGc0hihcnjFFwGheeKYhSAPc0AJjBxzyeKAQ  
ch+OtAID98gnn2oAGHrQA7buXjikAhUYHOD6UwHAYAz0pDExlcL17GmlBknB  
FABYb0xQARAFQaAEKkjOePSgBBkDgcUAOBPXHNACAZPJxSHYVlx0OKABmBPA  
5xTEIPfvSGheVPSgBeg44z6UwG4+bcRigBS2T8q5HegBAf4emaQCkD8aAF5P  
Tj3oAQ8c8Y70AKcdhQAMCecUxCEg474pDEz2P50ALkA8nHpTFYRNwYbhx6ik  
A8kKNwGTTGNawMjjPagA6ngc0gFPQHqQAZH0piEJIOf50hgjEXDYHJQZHRUy  
LgTEyD+EAUi7AC55wCKVwDLj/CgA+fgAjJ/SgAlbODnjvii4aBtfoW4oGGwc  
ZPFAaC+WAPu8UAL5eD0Bx+IFguNxnj8KdiRjAA88VSM2NzzVCA57fISAXAw  
O39KYgzj1oGA+U0gFxnnpQAHqMdKAEoAeIAeAcc0AAOBQAvXBxQAdfpQA  
cfhQAmPQfhQADkf0oAcM46UAJjJ5oAbjAP8ASmAg7A96BDuPWgBM88DrQMQ+  
9ILBnHNJIIVoo/KpKQ4nB5OaksO/fmgBCOeBQMFBGQw70BYUD0AoEATBPQg9  
qYDtpxgAUAISAOaTY7DHdQARSBSAXeoUDsTVomSFI9uKsxG8joaAADPbjNAg  
PAxQMTPQAZFMQu7tQMqHHHagAHAoFYXnApDDqMHigBeO1AAcelADeBQAnuT+  
FACg4FABnjpQAAC8UAHegAHHFMAxzjpQAGkAwgHtQAmcHpQAA4dcDjNRMuJP  
j2r1A4HU0gEyKYCjJ7UWAMH2FIBcE0AG0UwAhc8CgLABz0pABz60ANoAQkA  
UAJn2oAOaAAA0hi4oulCBTAOBQAZFACfQqCZJpgFAwwKQBTEJRcdgxmGbpwK  
AEzRYApGL9KQBii4BgUAGaAEzQUAUJimAtFwEBycUAOAROYXFAWFH50DDHN  
MVgXgmKAYoGlcDFAhR7CmAbcnPp0oELk9DSAOCUDsCgDrTACWXBGME0gEaya  
AEJw4AOBmmIUeb2Ud+9IYYAPqT0NMQ5+BigBBgAZ6UAICenYUAKSD8tAABt/  
DpQAEkjDQAEkL0oARjgdOKBig4AoEKAo4LfhQAMpwCDx7UAJznJGRQAE5IBo  
AVgF57DrSAMKxBUkGgAJK5FAxRwAaAEY4xxgGmlAMcr1HUUhisMsOMUWARcZ  
xnk0AKBhMGgBAATgHGfWmApOMg/kKQriqB0phcQHJxjuRSsNCbyGwelMEOY  
cgZGKAfPJxwB60CGID06UADZGMYx2osAoO7qADSGAIzgjNACHrxTEB5AoAYz  
7biNxxvVNTJfXlhFA4wQfWpLBGXcN/yA+goGISN3DZx3osAoAx1OaQCAnHy8  
gHoaYCgk9FwaAG9Oxx35pAlImPHHoDQAEfc84JpiG7vz9qAGuefUGmiWNGMY  
96ogU4GcHj1NMA6mkAjAY/zxQAoG0ZPNACkgjHY0wGE9qQgFADsArjpQMUgA  
fSgBobdgnr2oFcUg46cd6BjcgAjOPSgA3H60CFHJHHhpQMd2/pTATkrikAh6  
9KAADKii4ARigAP1oAb3xigAfLA8dulDBCBsYPPUNFoIUoT98AUi00/dn+Mn

8KkoMoPU07AAAdMfdNFhXDep6JTsAK6jooFFgEZYeRgUNBcgmJpDKzpISQRn  
PemmBKoc4GOB600TIsA5GOIWZMT270yRQMDGKQAcnqMYpgKCfwoAaR3xSAOw  
9qAEbAx/KmAfdHFACigA+tAC445NIBMelAxOd2cfSmAHjrQAu3A9aQCdTTsF  
xArE4FIawSOeo6UAHfmgBByelACKjpQAjdR2osMRgMjHrUyQ4k+zPVjWJsKI  
19PzosAuFHQYoAMjoM0AGOKAEOPXmgBMigAz6CgBCSaQCYzSANTMAwKAEOBQ  
AZ9KQBuoCwhNMA60gDmgAwKLDDigA5piDFACYpAB4oGJTAKAGMpPSjQBApoA  
digA4FNAGaQCE0AFFgCgANABigA/CgABwelADga6TnHDkcUBYTG08DigQgPN  
ADuKAG55oAOCc0wF3E9sYoAB04oEKME80AKrZ4H5UhiA8bgDwaYACSuMZB5o  
EJnB6fWgBWGQCMc96ADjB7YoAH7cdBQAg460AG4ng0AKOCc9MUAGMDPFACby  
fIHP4UAXfYf+vagEOGQvrQAEjbtXQADkYxRcLAAc9sUhi8gYOMUxCdOBQAE  
jAoAcRgYpAlolPYg96ADPOM8CmAuQeB+IIBCe3pTAM88jntSGA+8Cf1pgDZU  
jI6UCBWI54x6GkMUgA+uaYC444HsKAAHGMYNMQi9+KAFHzcEYpANAA9eKYXH  
HnoKBgThcBckUAM5J44PpQIXnPNIBMjrg0wFGQeT+FIAJB9qYEc+Vi3dlORi  
kUi0CpAPA9MVB0BfB4yfwPDA/KPIG4mgAYtgc49adxBgnJBHl5JpDAEBNo/E  
5oAM4AGcemetMBWIL4J5FAAfmPUH3oAQAqP8KBCMAeMY9alikhoA7VZmIdg5  
7UwFA+IAAPpQAoAHSgBNuf50gslcA54oEBJGM96B3AnH070wA/MMDp60gA4K  
8L26+IAMQE49aYhR93OBz60hgQAelABnD8UALgZ+tACk56UAN57/AJUAJ244  
oAMigAFAAQaADbk9aAsMH8qhlocGDdBikXYcDSGGT6GgBefSmAmOetAg9hQA  
GgBjJmkxotaw6UDFUsW+boKqJMh561ZilpAPHUUxCnjmgA3ZPNAABx1wPSgY  
NjNACEc9aQCNjFMLABLEeMfrQIUkEDr70AKfagAH1oAD0460DEXjjrj0oAQH  
1oAXI+goAMjPA/GgBDnFACFcCkAZwKAAYoGBAPagQNg47UANYgdO1KSGmTh  
1BGTisGjdDs56c0AlcUXAM+IIAwT7UwEwBQAuBQAmR0oAMjHsKAmaAGk5pAG  
DTGJQIKQBinYAwKAFAPABFACUXhikAYp3EJQAUhHimAYoAOKQBkU7CGk+goA  
KBiYoAPwoAKADFAwoATg0aCDpQAUDAdRQA/d2rpOYA1ACZ5osID1oGKwyOKL  
isIM4pglCAaAHZ4oEC8c96LAC0DAcn0HrQIUNhuOhoAB8pOTjmgLCZ6k9Owo  
AVSCcY60ACjKnPTvQAA9s8UAMUAcHmgLCq3zgeUAO4yccA9qAEHp0oAUyQj  
jH0oATBxz0oCwgbB5zQAMcdKAAY9aBjw2BjHFAhODQGgpHTn/wCtQAgVv8KQ  
DjyeuaYcQARxgEUDEBDLz1+IADQm1jxxQAYI5FAgL9FAOe1ACg5B9aQxQcJ  
BoAauM8cg+vamIftOORigBBkigY7OOH/KgQ3sMDBoATGWHoetK47DwMZwaYh  
SeB0oAZz2oCwnB6/pSCwEHFMYgbPsRQIXIJHGaQCjBOMUDGyAMjJ0yCMGmFw  
t2LKpzxjGkzkbInJwQQPyqRsTdhvr0xTEB2gjLcHtRYB2wE8Dj0zQAFTnnhf  
SgBGGW644p3CwfKowOT/ADoAAGb0GOx4oCwNvPUrn2FAAcA5bJoEyMkBemea  
tGTFxjkcjHSmAowPoaQCdeucUAKeCKYBnnnvQAjcnkcetAhDjAoAQjPK8H0o  
AUZIGeKQw4ORnAoAAMcdR2oAUyPiEOetABgUhi9sZoCwuQBjFACdRzxQA08/  
SgAwMe1AASAOOaADOKAEJ9uKAG/x1LLiPzx0FQaDgFamAE0AJuoAM0AJuouF  
gzRcQbqQxpfHQgU7MV11BCTImPFUKTJroPyB05BqjMAM9QBQAdsY5FAAAAMU  
wDqcY49aAEb1xQFgAyO9IAUY4AoAUnjAHTvTEHJGMUDGtg/hSEGDKCgdhW4P  
FMQdCCByaAE4B5/KgYvGeKAFBzQlbnnsKBgPf86BBxjgUhiZHamAc56UAGO  
vpSGMYcZoYWJkjV1VmzyKwZtEkCAoIiYEAdelABkAcUAN3egpAbzTAMetIA  
GwHGcU7AKcChoBppAMDE54xilcLC0xhQIWiWcFhSAWgAzQAc0wDFIBMUAGBT  
AQkUAJuoAMmgBCTQMTvQAtABRYBKACgAzQAIaw4oulOKAEosMKAEzQIUckCg  
By4lrqOYDxQADqePpSAQjP1FArcG/J0oGIOeKYCEDIxSEPyScdhQAhJHXpTG  
KOKAHEKo45zyaQCdaYhDzwdQAKQQQRyKBgDhuPzoEKpGCB3oATaNUUAJjBA  
XFAAdwPTFAAx3HOOaAFBJGf1oADhjnvQAFzjFAXG9c4FACqBjOaAQ/pjlx6G  
kMCMEUxASuRigAwD260XCwo9uaBi4Ge3NAhOM9cGgBHOQMjHvQAmDn72c9x2  
oAdweB1oAGBODjGKAG8n+ED3FADI4OAcZoGGMEjge9AhCwHBzQA8gEA569qQ  
xFwM+nagQo57YzTAQEjnjNACkA8/nQMTtigAJxyBigQ3aS3GMHtSuFhcY6Gm  
MTGTkgCkAhGWBHQUAL74NagyMgfqaYEcB2yPG38LZGPes5l1gWtoFKxQAAP8



oz6UAGAQNww30oAAu4YKkY6E0AOwSPmGPXmgBpK8cCgAygO4Hn09KYhrSZly  
aAI97Hp0o2HYTHOC2P6VN2VYkGMHB3dsirizKSAYyOKogUAbvTHSmlCRj1z+  
lAxvJFACqc85oEluM8jFADjjGPyoGN5AyenekAKOPWgBQBznp2pgGSKAAkev  
/wBegVgGduO1AwGRQIODQAoGeDj60DAjtSAZg0AGeaA0F6dKAEwc44xTAAev  
FISGuMkEDpSaLTDJ7ip5WVzoUluwo5GDmg+bAxijlFziYYnqKOUHIVIYAHdT  
5UHMwlwO9OyE5MNgPr9KdkTzB5a7eBSsh3AIF5/SnYLhjl6fIRYQAH6UrDFx  
25NMQ7tj9aYCqeKBDenSkMXkjjpTElBtPHegYmDnr/8AXoFYCfSgYgJl6fhS  
AXHqKABeeOhFMBR04FIA6mgBGHemAg6UCEzjNAwA9aBC44IFACA5XOOaBhnj  
2oCwuQeMYoAZ1U0gAghcdaBpE0JJQAnpxWMjWI85pFCYz1pALgCgA/CgBKAG  
mgCOSNZBgkjHPFCHckDqFAH5mi4rCZz0FIBCCaAACgBce1FwCjUAxRqAEUAJ  
lelABuHpQFhN2RSHYTJ9aAsBoAMUAGKACmgA0AJQAcCgA4oANwHagBM0AJRY  
AoASmAUgEoGFABTEAOCKQDgCv3a6jmAkUALwRigBAee1AC8DqaAGsdvSgQqk  
DqOtAwP5UAL3A6+1Ah2dv8IAoGJuz0oEKMEelADcfNSAcBg0DExngUxCoO/e  
gBGPIAoATuMA/X0oAd1/xoABtJ64NACNkjGMD1oAVBgUANPLkdqAFax9KAAA  
dhQAUo2elAC4JOfTtQAUm9Rj3oATjnFAwXI+6MUADHPAFAgwccCgLCDcWwRk  
elAC7IXAAODQAhw3lzmgBQpBzkn2oCwdT6UDEYAd/wAKBMUEEAHlpALgBcHr  
nrTAD7DFACjGQQOO9lYuTn2piA4B6UAJkf40hg2QvFMQHpxxSGlecYPPoaAA  
HtimAhIJG48d6BBuQcZ57UBcBt7HPtQAP93HagBgAjuY3GMPISP5VMi4MtEM  
ThsD6GoNBBgdWwaAdzFz1LYpgMabnAyPakFhgdMOMfjRdD5QJbBz07YpXCwo  
RkPzZ6d6NR2HKoYDb0zyQOaVmF0P8tmYMFYkHgHgU7AKtu4JJIGeo60WEI8X  
IDIIIJ6VUSJEeeenXvWlzKwplI46nrQALwxycUAG3B4OaBsAwzjHSgVxTyTj  
p2pDEBAHPFMQo56dKBiBuccUgFwCOBzQAmSeKYCMOgHFACsAB9KAAZFAhOoz  
+lIYoGOe3pTAM54HFIAGAcTQGghFAaAfSgAGBwPzNMBomOeDQlcmduBQADG  
cUhgMFj7CmAZ4xjmkAYGPegAxwM0AHI70ANx1oAVRg9aLgBGcGgLDhxx2NAA  
Dx9KAEI59zQAhyef0pgKefY0AGAcUAIV5pAB/lQAmRimAnH0pALjuKAAelAC  
EYoAU9BTAAwA60CGg857UAL1bPagAlyfWkOwhJJA6fSmLYcMj6UAH06UANYj  
AGM0hgOtADS2DwKAFDA/SgBYiwQgAD3NYyNYkyHI5NSWKS01ABn8KAEJFADc  
+1AADQAYoAMD2oAWiwxDikITIoANwoAQse2KAsG4+tAWG9etldgBFAC8GgBP  
oKACgAz7UAHPpQMOaYhCDQAUAFAxKBBxQAYHegA4oAKBiUgCmlTigYGgAoAQ  
4osIF5IHvTsA4LuOc4zXScwYw3XpQAuM9KQCbcMSfyoACAOMUAJimIU9R7Ck  
McSNoxQAgAzkZzTFYcc49aAAEYwBzQAHr2/CgLAoGcY5oBIHG3/GgGlP2oOM  
k0Alc5xigBdxA6UAKpKtwevagAAJNIYh4I4piCgBF/SgB6YB6UDB8MaBCLgH  
GCcUXGKB36UCEJ9BRYLgDnH8qAFBHfigB2R9BQA0kBzxx2zQAh4TAPJoAQnA  
4BoAXII+Y4+tAeoDaDweD2oAcCcggcCgAwd2eCD2FIYMcng3tTENzzQARak4  
BoCwu08ZPJoADx0oAFHykEc9qQw6Ed8UAKO9AC5AGMcUwDK9P5UCGY54/GgY  
EbenloElvXkfnQMMkfwigBwwcYpAB5NMRHP8sYburZP0pWKi7DnfDkDOOuc1  
mbJXDIIY/LuP0GanmY+VEixO/PIMR2J4pXYalkS1I74Ue/WnZg2PW0VTksMeh  
NOwXFaoIDl/yp2FcQNEo4QsfegLimX0QCgVxPMcjg/pQAnzN1bH1oAa6KqH5  
wfamiZEan5a0MxAMe9ArCkA8n9KBijj6UCG8gkgdaADORgUAOPIoCw08/wD1  
qAADB5oGKOPxQAY2jPSgQgJl5GPpQMOp6fnSAdweKYCEYxxxSACACOKAGnrg  
DGaAAgA5PagEA45ouPlsleeaYhevafhACTwKAFBHQ0ABx1JoACApBHfrQAo  
PpQAY/D2oACAQeKAG8dxTATIFIAzntigBwGaYAy+lIBMbRx+VAhckDrTCwnX  
/CgBQBQFhSaQw4HrQA1uaAE25FABjHUUAloOKAFANAB7UAGAMDtQApAzjHSg  
BMA/WgBBigBSMdOKYCEHr0oADxjvmgQvWgBBjJoGlwz06UgDAoAOADigAhID  
HcetZzNIExYVmaDS3oKAlmmCMA4wD3pWHYnx6CmlMUANytABuFACbvQCkAbj  
mncBtlYYpAlc9hRYDjtTsApNAhOaQwzzQAZNABmgQdaBh0oAKAEpiFxrYBM  
UAGAKLgGKAEoAMUwExQAYoAKQBQMMUWQgxQAh60AJQAo+8PrQABgpArqOUXO  
DigAGc/KMDvQAjMcAigAJZuSKAFHI5GKBigBulKwriqccGiw7gcrweh6UxAD

QNCjrgHr3oEAJHIFKwCgCgA+8MGmFhFQ5I9KADqvX86AFI44oAaAQRnr2oAU  
I9vSgBAVPP6UAA29OmaAFGFJBIX2oAM/NxxQAnPT+VADIIFAADuPpQAjNxx2  
oAFA20AKTgjjrQApAzz2oAQJA3YoANmV46UDsCrtOG6UCHE5A2jnuD0oAa5A  
YfLyPQUAJuJGSfwoAUHJGD9aAEOS3sKAFxntQFhPu9KAFBOQ1AC8560AIGwM  
4zzQAKeCaAFXpxmkMcCE6DH1piE2k5lwPagBpJOMcfSgBOQKAsBjx1+hosFw  
XOQTikAo4OOMdc0AOpgMkTKMvYjGaAJ7UIbeN3UNkYwazsb3LP2lgMlOJewo  
sBG87sef0NFgGF3Pc0AJyepz+NABx7UgDNABk9gKLgG44oCwhPvQAo2MjAJy  
BnJNOJMiNBu6jArQzaAY69qBDiAT8tACAEHkUADHGB+ORQAnGKAfXwM80AJw  
OKAExz6CkMceOnHrTAGAP0oAQ4xx1NAAFtvQAgBzxQIXIzjPJoAUAAUhi556  
GmlbgHkUDFOOIACdO9AgAI7UAIDk4zQMU7RQADDDmgBc8YFACDkcDigQAHPe  
gAY8Y7UhiYGKADOe3FAaCkkD60AAyeKAF+hJoAQnHagBp56igBc8imA4YGew  
oATntSEBHPNAXSB2FADcHrQIQ9aYCj2NAw470ADYAyKBB17UhhyBntTAQ+ue  
tACAcCgBSTQAEHT86BCNgYI60AKOaAF46UDG85pBYMjJ4pgN6ikAsYAcZxU  
SRcWSnHr+VY2NROB0H50wBiGGCo/GgAyRxQFhvXrQMOKQC0AJ+FMA/CkAY9R  
QAmKLgGKADFAXKQC0wEXSAPwoAOnWgA4oAMCgAoAKACgAp3EJQUAUAlaFouA  
IAB2pgJQAtDAOM0gCi4Bj2o1ANpPQUCFEZ9cUwuMG0H3roOcVjyMDmmAhY56  
YoEA6cUAOHJ4P4UALg4xQMUDb9KBARntzQAuATz07UBYTAB5xxQMqnnOMUCF  
wMDHWkMUdSKBIQnFAwUkn2NMQoVcEngDuKADK8c8eooATOe2CO9ABkEHPWgB  
o57UAOGMdKAsHU8UAXSOM9cUB6iADHy0B6CgEEmgLAuDkdKBibflwRQIXA70  
AAHskFgJx24PrTAXOQM/IQAmPQ/hQAoYAc5+IADc8EUAAAYAYJwwOAXK4PHPt  
SARTtGMZoaUMeMLj60wELMD069xQAp65x+VADgBnGOPTNIIdhpBHPamIAVxx1  
oAFIB5/KgY9eegwKQCEhs9OKYDscDacD0NIQwjnjg0wEI9e9ACZAOCMUAKTg  
8c0AICPrQAq+tldgAOcnpnpTAW3ChSjFvY8D3rOSNIk2MHjOPegoM+1IABz  
9KAELKO+fpQAm8dgaNAFXcRwMUAG3A+YgUWYCF4x1bPsKLCuNaUY+VD+NPIF  
zCI7kk4A4pqInlcucD0qiAYDBGOaYAMg9aBC4IPTIoAQ4GCBQAAg9OgoAXOR  
xxQAmcJnBoGAlxzx7UgEzk8DNAhepx0xQAvUHGPpQMAeBjvTAUdBQAYGeRig  
AxkYoEBGetAC8AcUDDGeTQAmMkYNAhG64BoAZ+HPagBwUY5H60AOwAMUAB46  
UDAA44oEICV56+1ADc88/ISAU56dM0DDIXigQoOaBgTznFACYOTTEO5AoAPm  
56UAM/CgB3AGCKBidW46e1Ah2c8UAIoCaAD60DEOMYHWgQu0dR1oAOPTNACZ  
AI9KADPPQAE57UDEJA4oATPtXQlCdXigAxQA1sYoAXoBQAdzigAzgcjmkNDW  
AoAaM54GaAFJwV4wM1Myokn41izcOPWkAce9MQfhQMPwpAA/KgQUxhQAc0AH  
NIBOaAEJxRYAyMUXAKADiwbQAGjQBOKBhxQAYpXAMUAHegQUdAnFACE5pgF  
IQUwDpQIM0DE60CDaT2oGOCHvQIXYKAFwPSmAYoEFAwoArknAwK6DmF3MOvU  
0wAAjJz17UAOTGeelADlwCSO/OgAJ5yaQxV6dfwpiAnJzigBBkdsUAKw+Xof  
agAlxzigBQ2T/KgBBxnnn0pAKemW4FAwA9KBCAcnn8KYAQoK8YAoATGWxnAo  
AcFBoGGw5wo4oExqkn2xQFf2QFfXQAD5cH1oACNvTv3HagAxk5BxgUACncelA  
ADk44oC4MCHFABngYNAC7iRyKBjSfmHtQIM45/OgAB4oACeKABsEDpQAY44p  
AKMjB7e1AAGBPPamAvAPtQAEkDA70rDDIHBH40AKeFJPSgBuQUA6fSmIveRw  
KVxi4IPoKAAgHHbHpTEKzAYyKAGN1+XkdhQAZGOhoC4mNx3H6CgYpB/CgVhA  
AG46UAADH7o/OKMVWJGM5oAltmKvlrMqbsHc1KRcSX91z87ufUcCpKGF0lyE  
wB/eOaAGmRD7+woswulHB+4h47mhRFzlxac8jAp8ouYDuwMt1p8qfZMQqpAB  
HPnrT0FdiFAD0/CgQ8Y2ngcUAKD6jH9aAAjCg496YCEeoxigB+AEAPxzSA  
QHJx+IACc5PamiUDjqM0gGg5GKYxRSAMZHVQAp4HFAhAfbg96A0DGBYKBgBn  
igABBj9qYC54oABjqO/rQAuRjigBpHp+VIBaYhvTigYpHy/0oAVcYzQAYz0I  
oAOPagQ3BVuTQAvABNAXM9cUAJkZzQFhSQSCB9KAFbLckUAJJA6UCDnBJ6Cg  
YKcDnvQKwc9vyoAaWNAC5yOMUAIOR7CkApwTnGBTATODQA7lxxQAHk9MUAHG  
enNIYm7njpTELkE8dKAAnI96Bid8ZoAQZOeKQCnAGDTEGMDmgBMYoGBwRjFA  
A2MAEcUCuGOIAWDHbFA7CEBTzSuFhGweTRdDsxCGDjpRdBysYxyOKmQ0SZHa



sTZADQMXNIA/OgQUDAkUwDigQuAaQCY9KYBgg0AIT7UhgMGgANACYoQBihob  
KAFPSkwEoGFAC4oEITQMKYgx60hiE9qYgA9KAF2mhIQbDTsFwxj9aAFCKO1A  
C4A6CgAxRYAxRYBMUWAKACgAosAYoAhGQOIdJzDCc/ePNABj5AfU8UAO2+po  
AcvJxQApBJAGBikAA5PvnmmApPA7CgBrEZI9KLArCkDjrk9BQMceAQaBWGoQ  
o57UAKdp+YdTSgKVU4z26UCFBDDGcUwDaoX0PrQMXjGCKBDSARjA+IADcEDn  
igBVJ7UAJtAGVzjvigBckYGPzoABjOT+VAWAIQOO/agAwSDntQABfQ8UAKBg  
5xxQAmfYUAHJ9qAFA5weIACMMHNAAADx2NAB04C5oCwEgHGKAElYeBQFgXrj  
GMUgHcZAAxTARgQe2DQA4KSQP4aQxGwGwM4FOwgOWAwowKBgT2B+ooAHAlYB  
+VIQo9qBi5OeOnqaYCYz+FArADwQe/WkMGB4GMDHFACcDrTELtAPoe1ACMTj  
j8qAEUjPP6Uhj8Z70wsGDxxigBVJV9wAJHrSaHewrOzklsj0AGBSsHMxpQbc  
Mfzp2C7FCqOi80CFx26etAA3y/IQAgzj2oAQ+gosA4YJ5oADgDgYPSgAznAz  
n1pgNO7bkdqAHAYFAASFIB70CFPzHP3fakOwHLcgdOtAWA4I9PrTEIUB4Gci  
gBQD25NAXM54xx60CFxj2oGAFABYBweDQAg4wozmgBp4OPXtQA4dxjigBcY7  
UBYTUOKAAjPFIbBndg/nTEOXISBQMUYI7DFADcjpj8aQCE88cUAJ9KAFxzg  
j86YgznpwKAF/KkAhwe/50DAbelMQRHJ4wkBjScd6BA3oKBhyTxjFAgPBoAA  
QD0oAVTigABB9qQDetACkYxmmAmcHikMcKADoOBnNMLBgZxSuFmGOMYouh8r  
A4xwaXMhQLG5wKOZByMVeeMUudD5GKFYdvxpc4cgAe+KOcfIBrvUuc7Hyljd  
ZFxyCPalzfHn2e9HMw5ELu7E0rsOVAcf3qLsdKlcEcE0rhYa3AwKY7Du3F  
ADXAI4qkzNqw9RkCs2aRHgUrgKBQAoFAARigBDilcAwPQUwGn2oAUHHBoAXO  
aENIBuMdKLDFzSASmAvFACHGKYCfWpGA6c0CDoaYBkUWAMMei07CuAjc9SB  
SsFx4jHcmiwXF2AU7BccAB2oAKAEoAKACgAoCwlAC0AJQUAJQUAFAEBLEd  
K6DmAAMMhr1pgLhcgYHpQAoxyMHJ6UAIMjH86AHE4HHSgAB4yQaBinbtBxQ  
IAFxx+tabjPSgBvfigEOIBFAwllbAl2igQDJBxQAq4GMUAI3LE9qQWAsOM/T  
6UwuLkj7vNACKAT82R70BYMANGdOpoAU5zhaAEHDc9aAFx7j8aAEJ56cUDFZ  
gBgdaBAM5Hb2oCwDIOO1AABk+goGAHzYzwKBASM9OIAA2D0FAWAgDpQMBzwK  
AEwCeePegQDAIxzigBeh4HJ65oGBAx0pC0A8dulABv6A5IP6UwD5ew/OgYFc  
DBORQAm1QcqeKQCqCqHpTEG488fQAoYYIpAGOKYAABwBxQMGOFYDQAGIjz1N  
ArASScGgBOnSgLCrRnpSAkUZ4zTAYOnB4oAdgdcfhSGKQQTii4WD72Gz07UB  
YM55x+VAWFbcRgD8QKLodmBUopxSugswlbgBT7nFF0HKxwjcdFJ9+IF0HKx  
pBz1xjtTElc5Bz+GKAExigBQOQc4BoAUHmgAHXj9RQAZ9f8A9VMAzj8aAEHL  
YoEAZs89PpQFh2MnHr6UDsJ919vakANgDimAADG6gAJIHFACcHj9aBXA8Hjm  
gYMSDjBzQIXAHPbvQMQHn3oAdk84pAAxjmmAhODx09qAF6nHOaAFJA6igQ3q  
QccUAKxy3Tp0xQMUInx69aAEwAMbee1AhAeOn1oAU8jHskMaRx0oCw7joOtA  
CE7RnrRcLDdwPFF0OzHAE0XQcrDaSaXmH8jFIA9KXMPkADr60c6DkF2kjpXs  
5wUAC8D0NHOPkQhQE8nFLmY+RCIAO9PmY+VCDHcflSuwsh20EYCnFF2FgChT  
0pMaA8Hj9aQwOfamA0j3FADVpCsMdqQC8f3sikAZUetADhimAp9qQDTGp/ho  
sFyMwnseKYXE8tiCARSABGwxkgY7UWAPLXOe1AAUX3AoAQoBwM81SYNCoTtA  
PapYleCKQDgRQAmce9AC5z2p3AY3NIBu4g47Uhjs+1MQhOaABT2pDFzQIKBi  
UAFJAFVYAAJ6A0rCHFGPHAp2C4CP3osFxfLQ9cmiwC4VBwABQA7ORQFgpgFI  
BKNQDFABQAYpgFIAX6UAGKAExigAoAMUAIrQAmDSsAAU7AAFFglVYnHtXScw  
YBGQe9AEe5RIEIIY9KAHhgkHk59KAHKcKQOpoAUA9D2oAVSemeKAF2gd+DQAm  
QcD06UAI5BIHT6UABC+uR2oATJzkYosFwG4nIFAxwJAzikAdulMAzkcdaAEC  
N1oEO5xgcUAGAODQAnI4BwaAHbSR6YoAaMBskdaBgRk0CF7cGkMaQONo5pgL  
yO9ACg4B/ISAQBuc0wFzjg8UAC9cYoEJzuPtQAqqCcDOewpDDIA7g9zTEBIH  
HrQAnGeOtABzjPv0oHYUgAfMTj2FILBgnpnjvQFgGT2o0HZhgnoDnvSug5WO  
CP0IOKLofKwEZx90/WjmQcjAxseOgo5kHIKI3Bxxj60uZByCmEnoRRzIfIKU  
OMUcyDkAR5Od3TtRzByAYweuRS5g5A8tQOG05h8gpQEYJ596OYOQBGUPT3o5  
mHlgEYBIIJ96Lsaig2D+7+FF2HKH3lqRwoFF2HKHAgB4AFF2FkPCjH8NF2Fk

LtIHRRQMOewGaQC5bOcY9qADL9MH86AD5zx/OgBGDE4ByaAIDne/GCD0NVEz  
kL1OaokDjcMrn2piDCg5HftQAnVvpQMU46A80CEx+tAADnj0oGLjB68mgQKA  
WIHbnmgAwDkAc0DEI4yaAAduT6UCFwSMZ4NAXCDQAnTAX+NAhfYdaBi4GKA  
E5Xgc4oEAwevagYEgkHFIBSBkdOKAAgDpjmgBMgHjvRdDsxATn2+IK6HysXG  
QAAeKXMH8jAAGZAOO5o5kHIKEc4zwD096XMHK0eSAWAI7UczHyIQoufvUOT  
DkQMo4yD7YFHMMyuRC7eOPzpXYcqDjOQtFx2QuA3ZVNIZG6kccfhQA1Sc4J+m  
KBDwFPQEkDRQA4eydOxoAPmWCBye3cUDFIOPvYPtSCwm31P60AAC9xnNABgA  
8UAGTnimghqWxnPFMQ1wVOSwOemKQCMwlx6daQxPIPJBx/KgLBhcfdoAQYB+  
7igBcjQFFACE57AUgE3YOM0AG73pgN3cffz6e1AC5yByc9/emITGe1K4xcA8  
46UgEBycAUAIQ2Mg/hSAQhs8GmA0EDgjfmm2CQ4EetSFhcgUwAuAcUAIz56U  
gFHloARh6UDFB4GKLiFoATGKVh3FAJ6CnYLjGxp2FcXy89TSsguOEaj3osA  
AAdAKAA0AFABTAMUgAgUWAMUAFABQAYoAMUAGKLAFMApCCgBKYBmgApAJmgA  
zQMM0CEoGHNMCBRkegroOYCQTgdPakAwxgupPVeh9KYDgB360DAZAB7UAOGc  
etAhQVJyeBigBchVyDxQAIH5icCgAl6bh0oD1E4IJNACDnpQFh30NAW7DIJ/  
D2oD1E9cD8KAsJjaMYloABnGaAHLnOG/WkNIGY529qLoOViBVoug5WKAQcCl  
zlrIYENnAFHMG5GBBxS50PkYbTjGMe9HOG5ACEHpxS5w5BdpFHOHIAx2o5x8  
gpGRRzhyCbCcccUc7HyIXGO1LmYciAIouOvvrZMORBsx04o5mPIQuyjmYcqF  
Cg9hS5h8qDao/houFhwA6ACi4WD8qAAY6ZFACZPtTEKuTkZFIYo68HFABznr  
QAHpRcABFABn3oAMj1P4UwEBHORj3z1oAUf/r0ALIT0FAACCKAFDD8fpQAU  
5jyfzoACCe1ACgcUAIQueKQAo98UxCTW7EUAGCetAAQR3FAAFbtQMMH1oEAU  
g5zz2AoAgyTJIHADZGapESQZxwM1ZAqkCjP79aQgIG7+ftTAbjnGeKADKhs  
DOOxxQAucY46UhiDOOPWgAxTELxjFAXx+UfKcH3oAbuGcN0NAhVHoMYoABk5  
loACMD5Tz60DEYk46fhQAzzAcqucg46VLdilG44FicYG4VPOVYcGSEEGDA7e  
tHMx8iFEbkD39KOZhyoclsDBc0uZIWQeUg60XCyDy0HT+VFxigKB93PqQBn  
I3BMLQIQBh3AJ74oAQqc43YHcdjTsAi7cklyf9mkAqgoGOTnuetFwFAI6D86  
ADLZySBQMBkc5/KgBjMR3OKAAOpGGoEKHQcDP1xnNADSQfmCEH0oAcitnp17  
UAKQfXpSGGfegLC5oAQnHQE0AJkk8rj3pgL82PvKPQ0CEBwMF8mgLCgqSPvE  
0XCw4ICchcn60wElwSCMZFSxjefXFCATBxy3FADSvuTQAU3Pc/hQAHQZ6H86  
AFVQf4aAHbMjokQCbATjj60AAAPQ8etAC4B/CkAAAjpigBMA/wAOMd6YAFAG  
SPpRYBMHHOKQEMpK44oGkMV8inYBc+tACMMGkA5HGMd6YDwGzwCRSEPEbemK  
YDxFg9aLBcURrYLIhVHQCgQtABmgYIABigAwBSAMUAGKYBikAYoATAzQAcu  
AGaACgAoAWkAho1AMUwCgBKVgDmnYAxTAMYpAFACZFMQcUAJkUhhmgCA428i  
uk5g68jvQAcoABA6mgAzwKAAZB60AJJNAWHEY+XqO1ABjIHtQAuM/SgAPCED  
g9MUAGcg8D8KAAMQOOoosFwXd26GgB2cD3oATqnPX1oAVcNx0x0oHYjQFmOT  
kHpWc2aQiSY5xWdzQUdaLgOwfSgA5oAAKLgLhu54oATBzQAoBouA4g4oACKQ  
CYPrTAXbQAEUAGM+tAAVzxnFAAF7frQApXtzQAhGOKAADnHamAuBnijULAEG  
Tj8jQFhdi49DQAmwetABsHrzQApAHemA3AH0pALgAZoAXApgBIA6UCEz3xj2  
xRcBc8Zxj2oCwZoorQABmHUfSmA4E+9ACgMeNtABjB6AfjQAHaPvAZpAICM8  
GmlXnpuH5UAADDow59KYC7D0zSABuHllzQAmD6j6UAOCg/ecD8KAKkgH2lgD  
1AzVliSJM7QM5qyBvVhg8+9AhTnfxgE/rQAg2jjH0zQALgNzyD7UgBgFGRy  
PSgYoI7HFMQhI44oGH8qAHEdD+IACMM4OOkAAH3z7UCAY7d/SgA4HHUUAJhc  
4/IQBHCxDybVBOc4NZs1iTqGI6/jjimpLHDAHLHBouMMp/CSPxoEJkZ7n8KAA  
uF6KeaYCGQscBPxzQAgZ92MgD+8KAAFsnLewxQAgX1Y5pAKEQKfWSPei4xwO  
B92gBME8AUgAg+uKYDWyR1/GgBoUHqx49O9ADggzuAJP1oAVU9EHuaAFCgen  
0oACQOhpAJuA6ZoACSDwtACZc9FA980WAUByO2PagBMOQefyouFhQm4ZOTj3  
oAFjUgnHA9aVwFAwOgFMBOn8VADgQeASadxWEbOeAR9aBoQ5zSAAvHOBQAYO  
D0oAAOM7sH0oACBnJJBoAGwOvU96AAgYAxye9FgEYYG0DPvSAXA+4MY9aABv  
mlXlwKAExk9itACgejZX0NGoB8ueG/CgBPk980ARSqrIQv3s8Uhoalu/cYph

ckFtnq1Arjxbpnkk0BccERfuqKBDqACgAoATPpQMMZ9qADAoAPoKAFxQAYoA  
TApAFABQUAGKLAJigBMUAGKAFxQITFAwxQAYoELimAUgENFwsFO4WDNIYIM  
QYoAQikAnApjGI0XqwpANM6AgAZphYj7YAzXQcyDOBigB3QAjnPagBrMSKAF  
wAM0AL0+IACgA0gGtnOTTAORwelAeo5Tj5fSgPQTblsk496AYoAAxQAg5GBQ  
AA880AOXBzngdqAEJ4oAQ8JgHn1zQAQhtoBHlRGbOiJLgjsKgYoz6cUWAcc0  
wG4OaAFAPpSAUg+IMBMGgBQDikAuDTACDRcAANIAAwc0wAg+tAC4PrQAYyaAF  
289aADafWgA2nPWgAAA70WAMehoAAoJ60AOwPU0AIFWmAUFxzQAEIKAE+Qdj  
QAEqB90UAL8uOgoACVA4UUwDevZRSACyk9B9KYBvAPagAZ/pQAbz+NAG3scd  
T9BQApDccGmA3gMO9JgEihSCOM9xSATBBH86EMG4xzxTEGeRhuPegYuMkAGi  
4CYz0JHuaAFY4O1TkdyABEDDny57FRzVlzkLnIwG4HrWhABYtj09KBCr/s/r  
QAEInI5J5oAUg9MdPWgLCEAjOcGgAG08YoGKW9OnpQIQ9Rjp6UAKxycDhaAFB  
J4FAxME+3vQKwZwMYoAQjAzQAg5xQMjQlbiQdMhtUMuJPgdTk596g0QbIHAIH  
4UDAsT90Y+tMQHc3YfnSANrdCentRcACZGQ4FMACLnk5pAOCgc7cD6UAGDjP  
akMXB46f4UwG4IOC1ACbSejE+woAXYp4Gc96AsLgDhVB+tIBC0ynPrxQAPHG  
ASKAA7SMdCPegAIU9VPHcUAHQ5YYHY0AKQQAWIx60wElwBhsilYBRtHCjPsa  
AF55CAD1zQAgDZwCB6mgBD1xulHfFACEg4PYd80AIGBG44wOM0gAFfvHA5xT  
AUDbw3B9qADcEGHI57igBjOAdpyR6jtQAbx0zITQAgcMemB70AIJNx+dcAel  
AAJCOG+ZewoAPMZQcHOegPakAnmMqkr1PY0BYQvgcHk0WAC5AwB8xphYCXlw  
AQaQ7DsP0C0AKEOccD3zQlfsOevHrRYAKevIoC4hXuBkUASA8UALQIKLAJ9a  
ACgYUAGAaBC49KADFAXOowABn0xRYBcUCEwKADOKBhxSASgAzQAUXAM0AFF  
wEoAKADigAzQAmACgAoAKADFADWZV6kCgCNp0HQ5+IAWGNc/wB1fzphYY0z  
nvj6UBYYXynkk0WGNzQMAfmFAEoYleO9dByACcHNACK3PrQCHA5PSgY9hyF4  
6UCDB2/T1oCw0ZzxQA7GSM9aQWAAA5/SmAYGeevrQArgdumKAsMIBHpQAqqR  
mgAyS3pQA9cbcEAUJ1BAXigBsgHIHb6UDW49D8vSsJHQth4NIBc0gDcfSmA  
Z9qAAMfSkAu6mAmfpQFhQT7UgFySaYByPSgAyTQAuT7UAIS2etABk5xmgA56  
A0BYMNNlqADBz979KAFAP96gAwfWgAx70AAxzzigBSB6mgAAGMEmgA28daYC  
7QO5oACFx1osAm0e9ACIV7ZpgBC9gT+NIA2jsPzoAXAPQCgBSAPQUAHht+VA  
BkJNAC7gD940wA4PcmgAYYTAA9c0xDJCuwEDPrUsaF2bQMMOe1AAVJxgjHe  
gBQhyMMAPpQAuwseDigBCrHjdj8KAGurEjJwB3xQBC6/6XjJl2jrVxMpDsDI  
GAfb0rQgCNpwKBBnGBjk0AGQDhjjPpSGL/DmgBCAAaYCA5HlxQAI8EnGRQIc  
MNnsR2oACfmBA4HagA6DjrQAvJGM4oGAHGO9ACdOKBADhsjpQMgOFuMno2OP  
WokXEsoGz90/TNQA1TPHyg0DFCAnG4A/SkAu1AcFjn2pgldoOOoPtQABgPI  
CZHqKAEJJG0AAe/WgBctjG4EemKAGqDijJ/KIYBfL3DjyD6UwFCBTyoBNAC4  
x35Pp2pAJ8q8Z5NABIV4H3j3oAQjnGOT6UABB/iGfegBMYHIGPUUAAGBk5K0  
AKu0DK/Mo6g0wEyGzt/I0gEDgcDhvQ0AG8AfOSr+1ADS6gYPU96AEL7RtClv  
cUAIZDt2hrj60ANZmKAcBRQkA1iTxnA9qYASWHcikAZYrkZwaAAKzJkDr2pA  
ARmGFHPpTANrZxgBvQ0AKqMzbeARQAbCWIVhgdqNQHLFvbhsY9RQALGrHBba  
R+tIAEa/xjBHp0NFwHbEUZKZPY0wFACjpkmkAdB6k0wDOBgd6ADJAwAKAAOe  
gxx1ouAbvRgMdjSAC3vigBUbcp9jTEP+IABQAn4ZpDDB7cUCDaO5oAX6UXGF  
ABwKADPoKACgAxQAYoATHPSgQYoGIRSAMUgEJ9qdwD8KAA0gCmAYpAGKLAAF  
MBDgdSB+NMBRsovVh+FILEZuU7AmgLDGuWPCgD3oCxEOjnj35UDsNJB607DE  
zQAbqADJNMAwTSANpxTAVBh1J7GgCVhjBHFbnIG3A7c0ANxjtQA9Q2AAMCgB  
ygg59KBikZPWgQmBngUABPoQKAEB4wRn3oAUyXQA7Hy5/SgBuAxwM0AKeAAa  
AYEgDHRQMPYc0CFJ+Tjv1oAinwVCqOT2FJjiTA/IWDOhC5GOIIAFFwFNMAz6  
UAKOe1AB+FAB2+6aQCgD0oAUy9P1oAM+1AWAH2oAUUwE79KAsABzwPzoAXnP  
IFABkjsKAE5PQCgBRn0oAME9qAFA46igBAAtADiBjoKADtQAc4pgBBx/9agAI  
yKAAimApUgdaAAr70AG0e9IBSo6UagGBnGKYAwHaiwCce1IBwloAUuB0FMBu  
QBgA0Clcg5U9qTGiZd2BjBFIGhxVyOw/GmAbXJ4IH1NMAZXJGcAikAMrngsA



KAEZHxy420wK7YFz1/gqkZyF78Dn1rQzDBzySfagQEZHtn1oHYcBx2oATGBg  
EY9KADHhtQIQ+IAADtOByKAAj5twPagALDOc0AAyMZ4oGL1PPegBCSCRnH0o  
EBwBjtQMafrQJkcxAIUgg1MkXEuDaSCxw56VmbDIGOqfN2IFABscfw5J7kUA  
BjdRjdQAeWB/EG9aADCA/K2aAAIM4HB+IAB37j3xQAZJPOR70gEJ5+YmgBOB  
yefSmAcL1HNIAYAMkYbtQA0ttxnqaAEDgccH+IACeYFHBDDuPSgBDIB9wHHo  
aQWGs+3/AFfAPUHpTAQvzleD7UAlztkE8Z70AlxlwWB9iaAFdHCg9QfSgAMb  
4yoz7UXAf5Lkfl17ii4B5YPyjrSAUxqfIGaE5pgKEXgAcDrQAU3JAAwBQA3a  
M5Hy4PSiwC4DNuJ2kenSgAYAnLnDdiKAECaKfzk/3hQAqhNoyDn1xQA5xgH  
64oACD3Bx60AAB/iUY9c0ALhvYr6UAABHllx6YoAQZ3ZLYPpQAZGcncrQA0Ef  
WgABUHvzQAhKj+HB9aAFBAOGH4ikFh3GMEZHRQAiDDkDkGgGS4PsKBBgCgYo  
57UwCgQmR2pAKM+IABjPU0DDAoEFABQUAJTAKLgFIAXQAmKQxkrmMDAYCef  
amIVtkZoEhSQO9loazovVgKQEbXCDpk/SgLEbXLZ+VcD3phYjaZ2/ix9KQ7D  
S2epJoHYTjtTGNJosAoJpgGDSEBApgHFFgD8KLAFIAzQAUwFU/Mv1pgSnJ4w  
OelbnIIAc4oC9g4DD0oC4u7npj70AKp59qAB8cY6UAAI7DmgAlGcNkfSgAUb  
fpQA5gBjac+1AAGJOCMUAI5Q5lwO1AAgOeuTQAMQWx6daAAEKc4oC4FsjgfW  
gCJj+9jA7HPFKRcNyyDxg1gbdQLcYxSAUNjsaAAkHtTAPwPAKD6A0wFJPPQA  
mTjgUGAEntTAcCR2oAATnpQAAn0oCwoJ9KLAaz2FFwDBzwKADn0oAAD6UAHP  
pQADPpTAUzX0oAOfSgA5oCw47sUAIQcYoAMMB2oADuoAXDeooCwY9TQAEHHW  
gA2+9FwFKj1NAAVHTNAC7F9TQAFFHX+dAAAnTjFACnAHyhaYDScjPg/SgCni  
xPWgCAEiYJ3xmpY0W0cbQADQldvJOMUwFO49UxQA3E/d/WgAZW7gY+tACMG  
zkldtAFZsfawCOqVaM5DwAQR0x0960uZ2AelAgyQcHpQMPmxwPzoEleBn86A  
AEdic0DBge/50CEHsKQC9TmgBCeeKYC8UAlx5oAOp5HbrQMQ8c0CAkg4J49q  
AlrgDYGHGD1qZFxL6OfKQkcEchFZmo4lwOcsPUdqAECOUSHZgeoJoGIQoGVP  
J7E0ABKA4UYc+vNAC5O4BV2se+KBCOSPlcYx3oGNd+gc/J3agCN3CEjYeop  
AlZcE9CD0zQAglbP86LAN8wh92ck8YosAhZw3Q/U0ABD9dmSfegB4hftjJH  
Si4B5Rxg8N6etAC+WmAGJDUAL5aDCsMH1oACgAwycdiKAAKcdAyj9KAHKpAO  
MMvoe1AAB1Knj0oAAQDndg+IIBcoOuQxpgJkAfyfWgAycY29e9AAA/3R0oA  
COduaAEYIDhungKAAlcjcuOtABkD7o3L/Ki4Bux90ZHcGgBMt/DgexoAQIs  
YyM0AKS2MZBFACA9g3HpQAfKejctRYAyhPOQR37UAISCeV6d6AAkA525FAC  
EseQtAB82M8UAKM4ycfSgBMMaE+aLgJgryp69qQCDCuGzg96YMs8dc0CDI7U  
gsHWmMMUUhAB6UALTAKQBTAQ4pAGaAEyKADincBCQKAAuBRYALAdSBSYlJe4R  
erj8KQ7ETXSnHULZoCxEZXYfLhRQVZDcnuxP40BYQ0AHNABSsMQ9OKAEx7Uw  
DGKQBgCmAueaBWCgAxQAUAJmmAmaAsBNIBM+1MBVGGWfWmBOPwOa3OQRjH2  
ouFgYDtdQDHkoIAPWgAK4PB4oAaMd/WgCQFQPY96AFJ3HFADSPfpQAoGQSP0o  
CwfMRj05zQA3JzwOKAFBJOfSgABA4xk+tAARmgA9loAiQ5m6dBzWczSmWQ3H  
QVkbWDcfQUAODUAIW+IMQgY0hJgTQAE4p3EIWpAOU0wFBoAATuxn8KAAHrQA  
ZoAAx7UAOyR1wKYDCw7HP0pAID70AOGTQAZwOtfGFB4600Abh60gF3D1/SmA  
E5HQ0AGfRSaQC4b+4fxoAUqf7pH40wF2k9B+tACYbPYUWAX8aAFxnv8ApQAb  
fc/IQAuw++KAAJz0OPUmgBGZB1K4+tFgGGaEfxj8BTsA37XEvTccdeKAGNdo  
T8qsBQALdREcq5pAO863dwSjBwMA0ASKgJ46YoAXGOIAC7z26UALuYn7oxQA  
ZNAARnv+GKAKz8XSgJB21cTOQ488H/8AVWhnYBgfT1NIAJ6gc5H5UxApOcDr  
70AlcdAD70AGSuPlz7UDAZYZHhtQAAYHTFABnI4FAhDISDxigAGCcgHFAB9B  
x70Al2duR1FAxeSMMR9aAEPT1xQAYbmPBHXnikyolm0kb7Kp+8OmB1FZmiJH  
37N0Zdif4W4FloBwoZU+fupNAAXIx+6VW+tAA7vgblCnscUBYhczYw7kg9CB  
0o1DQayvtAlZl9c0AIYmxwPlOaQRsR8uMd80gHCHP8YGOx70AKkQPLA8dAO9  
AD1RR88ifN+IADgDncwB9jQAq5HzHg9hQAhJzljg+1ADSRn5gSfWgBeRwykj  
1oAXDAYxlaADaSMqePQUAIAGPytj26UAACIsbtpHY0AHyZ+Zch2oACVB+ZPo  
aADfjquR2oAAzKeOc9sUAI5QC55PbNADNyg4zyfegBcjO0dT1oAQnHAGcdeK

QACRwo49CaAAlieAB7UAAyTwcH2pgLtJPcUAJsBPJx70ANCoD1x+NAWHKE/H  
1xRcA+XoR9CBQAbh0K5FAAWJPA496ADPOQBj0oAOcg4x+FABhielACYOaADB  
znPPpSAQjjORmmAxgpH3qLAWIyGQGgSJMfhSASmAcUhibIFO4WDcPSkAnJ9q  
ADHvQAY570ABAxzQA0uidXFAEbXUY6An8KAsRNdMR8qAfWgLDDLI4+Ygewp3  
DII256kmkNAAvpxS1GBz2GKQwGaLALJhs0wFAPegBQGHT0ouKwmM9aQxMAUAB  
z2oAQA+tMAxikAuDTAKBAaYDSRRYBM0AGPWgA4oAOaABQcjHrQBa2gD0zXQc  
g1jxjv60AN5A5xQBpBzmgdxWJVAcUCEUg9RigBOpwO1ADwflOO1ADAAPvE4  
xQA5QRyOM0AByxIXsKAuN5lx2HpQA4DnA6UAIldoJweaAuGeMfnQAEggcfjQD  
I4sF3P0FZzNoE+KyNAwaLAKAaLADD2osAmKQD1FMGD0CEAzQMcFpiFAxQAhH  
NACYoAXtQADpxQMUHIIpFvTFYjSHYDg53HvQF4jCiYLi7RRYAx6UwHKF/i  
o1AeAo6BfxoAUu3YD8BQAm9qAAST0NAASfc0ALjPegAxjoh+uaAAso60XCw3  
PHyqD7k0XCwfvDwCo/CgLBtk/v4+goAPLkP/AC1IFADWtN33pmP0NACCzi6s  
zH8aAuOFpBj7rj3NACizhzyDimAG1txwEP50AHkovSNce9IByqoGNIigBw2d  
8D8aAEGzdgMtFgAuucDpTAUHNqfpigAJX3oAXK46H+VAF0U5ulOMfLxVlzkO  
IJ4z1rQzAkoBnJFAhBwchRz1oAX3J57UAKBkYGc+tAw4lwCaAADAloAQ7m5z  
+NAABkdaADGMfrQlbnkmgAA44Jz6UADAnjjikALwMYJPt0pgLkZwAPpQAjAF  
CCOcUikGnkeU3BODwAetZs1RayuM7SG9CaRQbh3QA9qADLY5UexxQApDqMkc  
H1FAAA4GVPB7UAJg9Vcc9QTQAhC/3wD6ZpAlAp4OAR7daYAcEYZSMHg0AKS5  
zuxgUgAhmyzH5fbvQAmM/MWOPTNAC4QrvY49qAG7gASyH2loAMthiygjqOaA  
FBZSSpBU9vSma0Eg5V8E9qQBuxPBw3cUANLIT8wlydxQAFt3DJ9DQAZbPIyv  
bmgBRvJyMY9PSgACuDKH8MUAIEOdxbn3NIA2pnORn60wA7R0I/KgBc4PGfwo  
AaT6A/jSAMn+6BQAEMegxQAbWNMBQp/vfrQAHUD+IYpAGFA6j8qAAEYxTAM4  
7cUBYCcdqLhYCWAhjmgA+f6fhSACGPU0WATB6EmmAbPTNACFP8AOaAGmMY4  
lpAIF29xTBk8YIYIKBD9pPc0hhtosAbaBC7famAhKr1IH40gl2njXoc/Sgdhj  
XQ/hT86LhYjaeRu4H0oCxGzOTyx/OkOw04zwKBgcCgA+IACYosAYFFgDjtQA  
UhiCgAJphYWgBVORjvRYQ0kDtzSGFABii4AcUAN3DNMALUWATJ7CgBD7mmAm  
R2FMQvJ9qQBgd6LiHY9BQMTHrQlcg+YY9aYyUZJGc4/IW5yA3Jx27UAGwgbj  
yPagB2c4xx9KADAJwTgelAClCAUAGOQAaAEQE5x+tACgAdTQFhd2BnpQAHPz  
+3tQAAsSTwB6UAITtOKAEX17mgBxOOAAaAGNkL7dcUBYW1KGLcAcknOazmbw  
2Jtwz92sylsG8f3aAHBgf4aAAkf3aAELL/dpWAAc9KAF5HagBRj0pgLkelAB  
kY6UAJhfeQBQBJrQAuF9RQAYGOCKAEwKAFa9xTuApU47GkAm1u2KNQAg+1MA  
wRTAT6CkAuTQAoJ9KQCIVamAB/8AZFIAZhpimBG0mBkE0BYamSSWOeeM110  
WQVx/hTQgGM9KYC5/wBmgA3e1IAy3qB+FMAJY9xQAckck0AI+cd6YCbDjvSA  
UR5HT9aADYMDhjvQAFAR1Uj60AHLqFwWWgBCAf4h7CmAu0cZkGO9ABhD/H+I  
IAwnqxNAFVxuu19Npq4mch64J4Bx7+tWZgwBGDimIGzjl7UAJx1yPegAznOO  
3SgByg44xx1oAaADkA9TQAZ+XB4loGIBg5HGOvVQIDy2exFABke1ACHjkD8K  
AFzk/doAQjsBj8aBjckfQUAKM5JzxikA2wOHddoJBz9KiRtE0NzkcooPapKE  
O8D5yMdiBQA3aVUsXyPTPNIA2lq5DZz2zTAUKmNythvQ0AINh7EN6YoARnVh  
jZh/71AC78rtK59xQAHzipU9O3HskAmWxgthfSgBAVPRuPSjQBNwJ57e1ABn  
PVTigAw59MUwGKjk8Nn2osA4R4OcmkABFByxw1ADsJjBlz6gUwFJXGMMQKQC  
A/7NACfNu4AFMBcv3IBoAQAK/Mee/NIBCFHoaADKjOP5UAIWAOdppAAPoMUw  
DJ7fIQAmGz3FAAcnqTSAMADvTAAB1HFAAxA54x9aQDd6YwStFwAyJ/CQaAG+  
YooAaZB2FFwsKJW9CaeoC73PQGjUNBdz+IFmGgmH9aLCuJhz/EKdguBVv71F  
guGz1Y0rBcTYpIG4807BcthlVQoPAPANaaNRy35Uh2GNdJ/CpNMLDGuXP3QB  
SCxGzu33nOPakFhmB3OfrQMTIFKwwyKYBk0CEwaBhSAWmFgzQAhoAQZoAWlc  
YhoAKYCUgDNAB+IMABwOBmlZglWxTsA0k0AJ3pgHTtQAueOIIAJyoHT3piEw  
BQMUUCY7II6UCAAZ96B3FwDSAMUagC/eH1oESADPynlrpOUcV3HGenSmAcDj  
OKQCKccelACbwGz60AOzgc5znpQAYyOcCgGKAMYoAMKOVagAGHGAEPSgAYKA



do57UAJn09KAAAnIzxn0oAMjBx1oAQBgMnt1oAazYBbHHrQCHwBUiUdzyaxkz  
oih+QakYA5JoAenA5FAAxHai4EbckelAEikdqAHEg0AGRmkFgyO9MAyOmRTA  
MgUgAmgAzxQAAH0oAXHFACeJoKAADNADgO1AC4xTATFAWFx6GgA5pALQAd+l  
MA4/u0gl5HUjGMUwl/v/ACA8VIIIICEYFOwEw2gdcUwDKjoCaADlzwpoACwB+  
5QAByoID8aAF3PjoM/SgBC7gdR+AoARmfHntigBOR3NABtJ9aAECHeuDigB  
VjybcTQA7ymP8NADhHjggBQA7yjj0/GiwAE47cetOwDWOBgFfzoslqS5W6jz  
6GqSlkO6ZI71oZiD1oEL0OSPrQAAbtigBT1GO1ACck5J+ue9ACIVOCBz7UB  
YRiAPTFAAp2j5aAEJbHJoAaBgn+dACk8YoAQBse3ekMMhRxnRTAUeyx1BoAO  
O3T0oAjtztu2GcAis5l0iXuScM5l9qmxoJgKepP40WAQADJBWgQAjOf5CgYo  
IPIB+uKAFBbd93l9TQA193sKYhVUn1A9BSAPLz3P4GgYnl0D8xAo0AAUU/KM  
j6UAKWXpsP40gE3nsgx70wD5s8ED8KAGkNn7340AKVU9T+ZoAAEx1/KgBwdc  
ABfxoAQsfTFIBuWyMfiKLAALe4zinYLgVJPT65osK4bfXFFguKQo+vtRYLhl  
cYwaLBcbkdxmiwXELqO2KAE80djQAxpc9jSGM8w+IACF2PFFguJgnuaLCuJ  
sHf9aAuG0eIMLihQO1GgXFwKAAYz0oESKVHancB+8dqAELE9qAE5NACZx3ou  
FhCR/e/KkMYx46miwDdxVvl6mk1YEIS5+8xqblJBgUDDPpQAZoACaAEzxQAY  
oAKADNACZoADRCBccCgBKQBTsAdqQBQMaTTAWgBKLAfJMBCfwpgJmgLCGi4B  
QAEgUAITxTAbu5osAZzQK44EUDHAY7UriHoAO3Wi4gxzmgBcUAGKVwFAycYp  
3AVWCgACuk5bigAnvQFhMZOMk+tAAMI8HHFADyuCGGM5zigYpGTk9ScmgTEy  
GbHYetACrgHnrQAEDk9jQAA5OAAKAewMc8GgLCZwevFADN25+mBigEP2jac8  
EdKAG5bODQCGS8RsO3SkNEyjdOIYs6EO79KQC4GaQDwR6U7gJjJoACBmgBw  
AxQAEHTQAmQKAFLLcUAAH0oAMcdqAAjAoAMcdBQAY4xSAXApGFBFACEgdP0os  
AuRjuKAHZz3NACfiaLBcaXOeB+dOwXFDsWHANFguP+YdQPzosFxCxHp+dFgG  
Mx7fjQBGt6nigB0l+bOcA0rBcnCc4ZjTsFx2xM/eP0pgKAoPWkApKjuKAG71  
z1FAC709RQAebGOIACNKhHA5pgNMnt+dAAJcfwigBDlx6n8qLCulZHP8Zx6U  
rDuKJGHQkU7CuL5j/wB40WC4m9j1JNAXDcf8mmFwyehoEAbAlwPrQBdLnzY3  
9yKaZEh4GBg1oQA5HI5oAQsCD+VAhRnGMA0DGjBFAhF47cehoAccgjYAAetA  
wZcd8qeOKBCYGMc8UAlckYPH0oGBGV44loFYU8jgUDEwQOv4UAlenJGKQDhu  
zgDH9aAE3c5/SmBCQVuoA43CokXBI8xjOCak0DYgHJBHrSAFWJRgHv2FAB8v  
GKAHZY9FzQMAXPQYFFgGuH28ge2KYhEV2HJ/AURbcXy234ZcL/eJoGBVF7ik  
A0svYUwEEiseF9uTQA0SFm2pt4647UWYXBizDI8H2FOwrjd6rw/ze4osK4b1  
PT8qLBccnqABQF2SOIOwXF3sRiiwXG8DvQAhcDyKAG717AmkAb27lfxoApN  
PoKLAJtY/wAf5CgA8sd2Y/jQK4bEHb86AEJUdMuxAjYg0rjGk8cCgYZNIAz7  
UALQameaYBSswFyM07MGxQD2FPIZPMh2SBxT5WLMqmwzjn6UcoudCgE+op8g  
c4u0n2HrRyoOcaVOcu+VC52Jt49PajlQczEJ5p2FdjGxv+tRMuDF4FYmwmfa  
mAUgEzTswDNAWDNACE0AGaQBTGAzQgDHRSTELuJAXsOIO4CE4oAM8UAJmiwB  
9KLAJmgA4pgJnmkMQkdqAEJpgNLCiwCF8UWENLt6VVkFxpJP40BqOBbFAkLh  
h2P5Uhtj/Kfl9KLoVx6x4HNTcdx4XikAoFAhwWgBQBQAhlFACBhkfWgLC8A8  
dO2a6jlfPIG3r3oAb1OBxQAq8g7R06mgLDgT1x0oAXnr070AIMnkcUALkY9f  
WgAyCMZ4FACEBTx1oAb1G7Pl0Aaw5GO9ADIBH3unpQFxxYey6e9AB/HmgLak  
dxyqhRyWwQaTKjuS4waxNxcH0pAIDg4xQA4YFFgHdTRYBCPPRYBVIFFgHA0A  
NYL707ANyoNFgHDb3zSsAHYeMkfjRYBTt/vGnYLgMD+L86LBcUhSPvUWC4wg  
A53GnYVxxPHWIYdxMmnYVxQz+uaLBcUO31NFgG+YaLAIxBPOaLCFJBx2I70W  
AC56U7AIST0zQFxu09zgetKwXGsQDjrTGhA5U8Dj1pWGSCRiPmP0NLUBpc9m  
NADIYnqTQK44896YADjvRYBc570CAkdzRcYm5fWgA3igQbxQAu/2NFxib/8A  
ZoANx7CgQodvSgBdzcUAAJNAC80wEwfXHvQAjA7k55BpomQo+Y5zyO1aGYoz  
jnj2oEB5agBCAeMYoAXIBAFACHg8nj0oAGwRigAOcdcfSgABOcdjQAFeOKAG  
7cHHagAzjryB1xQMaxPfp7UCAKDQA/HUHj3FADCccUARz/K8bgYx3qWi4mgF  
VhkljmoNBcAfw/nQMQ7R/doEJvQdvypDEMwH3QaAE85j0BosAgeQ9Bj607Cu

G6U9SBRYLibc/eYmiwXFwR6H8KXYI3LsjAECgCCON9nLZwe9ICS3jEat6k80  
AOcMRwwFAiu8ZJHJoGSxgKo+QmmJkoJ7KB9TQAvzn+lfQCgBpHq5pABCd+fq  
aAafb0H6Uxhu9qQgJYDOOKNRjQ5PpRqIC3+1RqMNw9aLMQ3cPSnZiuhpfPAF  
HKx8yE+YnGKORk86DaxHXGKOQOCpxmnyBzggknoafIhc4rBcADINHkg5mGw  
U7InmY4KoPT8aLILsNq7sGgQ/wBgMUDECEfSmlaRzkUgFAOODxRcB2TjHJpg  
NzgcjBoARzmgAAYDG3HvQMjdcEZrORcBtZG6EoGGKADFAARn6UAJgAY5NAGx  
xQAYxQMMUCFP5UgGnFMABwelACnHemAfQVICZpoBC2KdhjCXPQUWEIS57YoA  
UIT1ouAMu0Urgd6YClc9Bii4WFEeaLgO8onoKVwHCHFLmC44RCi4iTbSEG2  
gACgUwuKcCgBplouFhC4FAWGF6YCZJ7UWAAMmgB55ziuk5RQccdMUAleT14o  
AVCQGCigCRG3DGKADIPQdO9AADgUBYRsDmgBc5HPGORQAEggcUANOD0HWgLC  
NHgDBoAVTz81ACFN3RqAsOX5T16UARTakBgM7Ttik0xx0JUKLKCDwayaOi4u  
9scGIYLhk96LCuJnvTsFxc+9KwCH6mmAZx0JFFgDcfWiwXDjXQAmTRolXce9  
Fh3DdQABuMUCDD2oAM+tMAye1ADsqO9IBM0wDJ6UAKW44oEGRigBCQe1AxeK  
AFAWgRloGMBgPY96YDSGJx19qAGGLB+bNkw7gEQrITz6UWC7GlaTC4BcHjik  
MKYAPrQAvFABkUWAXj0oEGfamACkAv0oAUGnYAzQAZHrSsAuRjrTsAZB4yKL  
MVw3KO5FOzC6FyD0yaOVi5kGcHGDRysOZCHcx2hSKaTE5D16YxVlhxnJpgH  
6+1AhGJzhRg+9ABycBcZ9xQAHCOpGPPQAEgHA5PuKABfIBB70AAGAMjHrQAo  
GGzQAzkduOxoAM9vWgAwNuAOKAsKMAA+poAQgk+1ACHHpQMjnGUTPQN0pMcS  
yvmj1A9c1nY0FKuepp2APL+tFguO8sdhRYLihAO1AB+VACEqPvMKAE3AdMt+  
FABk54Q/iaAD5yMgKB7mgCMI5n5gPoKQxr8LndSAVQpUZpgGAO1MBmRmlqA4  
N6Yp2YroUOo6sfyosxXDevbNFmLmQmRjhSafKHMg7/ZxRyhzCljtB6U+VC5x  
DuPAY80WQucQjvvn607IXMxNoJxgfWiyC4pCjjFMNRuzA4oFqJhvbFADhwfe  
gBcbc/KT70AIMnotAD8fLjHAoCw3k4x2oAAuTQArAH6igBO3OaAFAGMYx7mg  
LBikApGQMZ96YB0G31oAFAUubenvQAHLAUhiDk4bgYoEN7YHQ0DEOVPJ496AG  
vnbmllq13FYG6CgoAKQCUxBnFAATigBMg0AGTjigAwT1P4UAGAKLgBxigBAf  
aiwC5z2oAMGkAEUwEK89KAAD2oAMc0XAeEPYUBcXyiRg8UCuHkIOpouFwCov  
QUgHBc9sUgAACgBdtMAxigAyBQAHYUAMZwKLAMlK9BRYBPmNABtz3p3AcFou  
AoXFAGAx0ouOwhlZgV02OW4E4bFAXF4z6UAOXigBw65/CgBRgHA/OgBSARgD  
pzQA37wIYcUAKR8oHQetADDnAoAUKeCOFagADfNTAHODn17UgBRgcigBcbjx  
kUwDHNICEAxuyYwCciolG5pCRICazNBeaYBzQIOaBhRYBCaADPPWgBCaBC5o  
AM80wuGaAFzQAA4pAGfSmAZoACcYPPQAu6gAz0oAM5oAAe1AroXNFguAPsKd  
mDaHAgUcrFdAHX+7n+lfmF0KwGOEP1o5WLMQ0vnpn35o5WHMG7jIU4o5WHMh  
Mk8U+UOYcqEkdBS5A5xNuDRyhziEYFPkDnFVSRnOPajkQc4uwnvg+nrRyoXM  
wVCT1wO9PIQc4rJgHGcCjIqC7GhD1ycUcqDmYoQEdcfWiyFzMcE4p2QcwojA  
Hr9aAuKUB7YxQIAAOcDNAAQcQbZ1GKYgKjPHX3oAM44waAAYwR3PSgByhsH  
IB9xQA0uCcbSpoADy+D1oAXo2CCPegYgzvLD0oEGcnK9COtAC9c5/A0DG7ie  
D29KBAPJOQOtAC5yduiefegA5z0H4UBYDnAz0oAaSp5A4HegBQOOnGPWgBP4Q  
MEetACjPpQAEjZz3NIYx+cDHBINA0Wt45ADH8KgsQOX6Jke5oGGX/wBkCgBu  
SfvPj2FACHZ3cn2BoslAyDtRzhcN6rZhdAJQBxkj2p8rFzIN+Txn8aLMOYa  
zk8c0coc40g44NHkg5xCmfvdKpJC5mGB0BIFfKLMY4KCOuaLILsbsAGBQK45  
VHXoaADAJHFAC7RQAY9KADFACAYHSmIXBHI4oATk96QxuMGgQ5RuHSmA0nYS  
AMigBRjbnPtQAqgAcigAJAPFAw6jn9KBAAO/Q0AI3B4oAPpQAoxmgBM5PTA  
oAXrwRxQAc9u1ACHJ6cUAKOgzzQAHb9KAGsMDrmkA0Ek0ABFAw13DPSiwXGO  
CEK9qGNDB0HNYNHREO9AxSfwqQE47UwFxmmA0gDvSAKLALigA20CF20DDb7U  
AG3mgBcAUAGPSkAvlt6UwuKlz3xSuK44RqOtAdGqjoBQIUkDtQBgz+goHYT5  
j7UgAJjvQAvAoACVFAcFx2oAYXosMaXJp2ATk0CDbmgB6r7UCDbQMAAtAC4oA  
XbQAoFAEeNvaou5QUZocwHHbk0wFyW4z0pAO+8OO1AWFXg4oAOQfagBcjOTn  
8KAsI5zwAaABQDQAoXjrzQA1yAcY5oBgQQRnrQAE4PTFACqSevFAABmgBpwj

nAz9aATsJk5wazkmaKXcUnHXijlY+ZCjnpmjIDmQuOB70cjFzoQoQehxjrRy  
BzjWQkcU+UOawBGGACDmjkBTF2EntNHIHOLsIHP4UcgucPLPB6UcqHzhs9DT  
5UHMKFz0NLIQuZimP1NPIQczDZgUcqDmYFFG33p2QuZjtigcjPpRZBcUICB2  
osgulVUdqLCuxpHPThvQA9UDY2gAjvQAqrwScZFACAD0aYhxABlx2oAaigcA  
Uhigc8mmInoJ4GKAsAIGc9KBiMARkflQAnQYOcGkAvU8dKAFADc4oAD7fyoA  
UsAPQ9qAF6Dnj+tACEFgfT0oEHBA5wR1HrQMCpByMECgBVyTz+AoEKcDk9RQ  
AMw4OMCgYjYJyMKfSgBeQQCc+9AhOQcg/jQAvU8H86YACeRgUAGd2VHBHegY  
oOeDQA3vzQIOCOMn1loAOce+PegBQcYIHxTQAi8D8elACHjp09aAFAOKAAgZ  
Hcj86AEbjgDrQA4/hQAhORgdO9ACsBkZ6dBQA1s5A9aAFyR2/GgBpBHb8KAE  
JOVBI/woC5Jvf+9gewpWRfMIWcJg5z36UWQuZgijoxOfeiyFdhtTPH60aBcA  
Ap4HWgA2jHzUALg4yBxQFhOQOOD70wAHPB6+tIBGz/COKADI4zTEKDtzzxQA  
mRkkCkMUEY6detAAeBnHFMAC45JyD0oCwYz/AlUgE4ximlXGB3+tIYoxQAHO  
T3pgHf8ArSATPOKACgAyc8ZHUKYgB/OgAGfSgA7EEc0AM5z0xQB1wAOO1AAC  
Oh6diKAuNB0cUAlkM3pSAOnHFACYyen50wBvagLACM+IAC554oAOT1H40AGc  
9aAEGDmgAxyDxQAJDJ9KAGk4xzKUrjsMcZ6UMBgPA9qxZ0RFwakoMUAGKADZ  
60wHBRSEGMdqADH4UXAXAoAMHTQABCaQDhHTEOEajqM0AOwB0GKAsFIAP0oA  
aTigBhbPSi4xdpPtQIAoFFhgSBQlazgUDGFyaLAlcmgBNpNAXFCCgBwj9qAH  
bBTEAQDtSAXApDDApgHFIQmD2FMYYoEKOTMLEIbAw3510nMKRg/LQFhcc0AO  
2qBtHfrQFhQuOBRcLB0GT170AKDXgjPpQAA8Y9KAA+uQKAEAOcjpQAFx2oAa  
eTQFgUhunXNAD+GB6GgBBkEZ6UAGCTx0oAEUnJ6AUAKQOnfOc0AG3J55oAFy  
q4/SkMXAUnvnpTEGMkEDj3oAcAp78UAMJAbFACk+vWgAB3DBoAUDjBGPegAl  
XGBQMB8h6dexoAbkk4AoAkxwBnHtQAzCg5J6UCHdFyB19aQxw6DkfSgBSMtg  
jmmAjHpnPQAhK9hxQIQjavUg0AKrAcHHNIYPnORTFYOAocigYo16EfiQlbnj  
igYg5GaBC5GMfzoHcQjNIB2DtwOaAEx09BQAoOKAA8tQAUo/ce9ACIQy5Bx7  
ZoAamAM470AOBA60AHbl6UAGCTzg0ALwB/jTAONuKBCE5UY4oAF6dePT1oAc  
OnsaADODwR+VACKATnGM0DFA+c/pQIQkdxYfegAHII4yfSgAAbbjrigAXrgY  
zQMOP4ex5oEHJb29KAEBHPNAoUjJRQAqkAZI5FAABuHTHfFAABgErzQAHA7  
CgAbaee/pSGlpyAppiFIBPNAoYnqgcUABIHBH60ABJzkdPQUABk4wFHXR3p  
DDr0GM96ADODgD60AAbnAA24tjJA9BQAYPQ9PWmKwoG0YoAM8cdJvQAmCMZH  
BoGKSBwDQAmMnpQIUgjk4xQAmQRxxSGJk8YoAUnPtTAO3SgQufagYhxnP6Ug  
BvrQAo5GR0oAQcHgjB7UxBgdfzoAQ53Db0oADgnPegBrP83AxQAb/agAHJ9q  
AHFQCDQADHPQAp5PFADdoJzQAYGelAC46k/pQAGxnvQABQynPT1FACnoOmPU  
UANBOefu0AOYjPBzmgBcgDHFACFugABoAQ45BHSgBpAJzgUANIyaQyJTnOB3  
rJnRAdtJ6moKFCAUALigQuKADB7CkAoU96YBgZxigBwHtQAuO2KBBigB2aQB  
QAZoAaWUd6LoLDS/oDQFhuM9TigYAqDQIC57CmA0uelACdaVhgEOelAhwjJo  
AUR4FADggoAMY9KLjsGRSATNMQcmgAxSGGBTaOKAEouAGgBKAGlw8soRnPeu  
o5WKHlGD60AgbgnPfsKABCcsPXqKAsO3bTnGfagA6jkUDFzgAY5oEA3JyOrd  
qAEIOORQAAsq8elAAWAGcUAITwO2aAGldvQ4zQA8YxQAvUbcUAKOB9aADGe9  
AWAAKDNHNAAPAYAngUDBRkk9ee9Ag5Kn69qAHLjGD3oCwgU56YHagEgYg8Fe  
ncUAhCAx6UAAHGOonNADyQpHTFIYgA6/ypgDAZGPzoENwFbOcUAPDBupAoAaM  
Z5GRSGOYgrij8qYgxnFABjBI6UDDqOTQIaMscDgD1oAccdM596AFAGMYoARgF  
IHrQGgdPcUgEOO1MA44pDFJ56/iKABsEjvigA470AA9jQAhbBxjmgAwcY70A  
O6LjHNACHQBuyee1AAQD14xTEAz0wMHPQMT7pAl/KkAuM8AH6UxAMZ24w1AA  
evXH1oACcjOMY9KAAZA7YoAUBBAXp6GgYYB/2fpQIOnHB/nQAMcEYoGK3UZo  
ARse1AgHBoABx1oGIRkAjPB7UABKo5xzxQAIQfvce1AAQN2B0NAhegwR07UA  
Jv6rj8fSgAO44IPTrQANJ4zyTQApPGMUANx7YFAXFJ46GgAbO0YFAC9Djr70  
hgoBOO/rTEAwq0AKTntQAgdicYwKADnd/WgYA4PA4PrQAHJ+opALnnHFACEg  
cCmAo4XGfzoAaSegzgUAOHI45oACeOppAHJ69KAEPtPQIQaQM9AaYcIkMN3O



BQApFACe2aAA4XtmgAzzigQgTGPSmAvBPtQAhPPpQAhBoAA396gBeDznigLC  
A5HQUAO+uaQAQMdaYDBkE7enegByjcMUAKwIA54FACA5yD1oACGwMUAN5zig  
BRwdpoACOW5oAQDvQA44IxSGIBxxTEA69jQAhHtxSAaQS3HFMY1FyTgcZrGR  
tAd5bHov51Bdx4jbvxQK47y8e9ADdpHQUAJhs4PFFhigdqQDgPWnYQZoAKLj  
EoEISBRYBpY9hSAQ5PU/IQAdO1AASaAGkE8AUwAIQOTSAAIADgntQA4L9BTA  
MY6UgCkAUDDk0wExQAYFFgFpiEpAFACcDtQAhoGJSAKAAdaYEKjqSea6jIFX  
JG0njOaAsPXng9KAsB+U5HegL2FVsDJHJoC4m7vmgABLZJ+IACjOc+IACk5H  
IoAaSc8UAKP50B6BtOeaADHzbT2GaAHBeMgYFADg20YFADON/B4NAD/unlwr  
60AAA6Dv2oAaQN3A+IACgtnHT3oAULgnng96AAHHQ0BcRiQaAFIIUYzvnSGK  
NoHHNACH7vmmIMDdgnigYo9sCgQYIOeBSANoPWmFgXAJwMigBAQvGPwoAUA  
HkjpQMdx1/rQIAmVyD+dACEFh8nA9TQALkdsj1FIYKSCccUwD5genWgQDJHJ  
6HvSAUYBjPgl2DwOPagAUYOCPpQApBx0GKAEGAaQwB2nA796AGclqAHEd6AF  
OcccmmA4YwDSAQEjn+EUxDiQTKAgHoKAACfeHNAXFwO3NABuBYkdaAFxkgZH  
1oANoPv70CEOQMh8xQAvJ4BoGJ7AfjQAoIJ5GCOtACsRQAnUADr6+IAGj/hx  
k0ABwMbuM9qAB/llxyKABcshx1HPNAwQ8AjAoAQYJ9waBCswJyRg+tABnjAo  
ANu3r0NACLjk5x7HvQAAlleg696AEwMDHX9aAFPb+bnP6UAKTjr3oAQcgkZ4o  
AQMSAOQD2oAACc8dOtADuBxj8aAA9qAEOSaBiE57YFAGJzjbx6570gFAyOfy  
oGBOBjFMQYxwBxQAYz7UALjt2oGGMHjpQAnTlpCDrx1pjFJ4GPyoARSDkGkA  
Z5x2ouAjHPbFMQdBxQA7nFAxCMkHP4UCAYJx+tIBcD6UAGMcc/SmAgOTzQAM  
BQAnGPagLCZUnpSAUbe3WmAoxnpQAEPU4oAAfbloACM8igA5yccUAlleeOaA  
Agrz+VAWDPpNAADmgBCQpORmgLBuA4wTx0oAXKkDA/OgBvU88UBYD1x2oACB  
/wDXoAQgqRg5FAC5HakMWDA8wD1zWcjWJLWZoleKBCF1FAxpk4oAQOWoEHOK  
AFGfrQAhlFFwsJuJ6UAAXPUmkA7aPSgAwO9MBDtHagBpOe1ABnOpAKAT2pgL  
gUAKBii4BmkAde1ABj3oAMCgAxQAmcUAJkdqVxiZNMaoASgA/CgA5osAmQOp  
osAmQaAD8aQAAaetAWIVUk/Sus5R3A4oAQFgSKAHfN1oCwhYgAk+1ACsuQMU  
APXgc8Y7UAICT06UALgAigBQOvtQFhhOD7UAOBB78+tAWFAwXoAOCvXBoAD0  
GMCgBTtGN0570AAUge/agLDiR2GMd6BiEjIHWgQpGO/HoaADrwKQxQAHIOB6  
ZpiEbJHQY9KAFOQcDoRQAioQcfjgUAkAwQSx/CkAoA6k/ITGIT6DFAhRywI7  
UAISc4z+FACDIPaxQA45H3sGgAzk4A4oACBkDvQAEY65oABwv+FIBEyeFpgO  
zg4lxQAUcEn60AleOOtIBrE9PWmAZlxxzQMXImHFIQNjHXn0pgBz0IFIYEKB  
nGPemKwowB3yKQxD1z0FMVh2MDI6d6Q7B2/woAVgCBzQAhlA25zj2piFyTyB  
QAigbRnigBf4iSOTab8ueBQAice3tQA4jOBtloGIDg4xSACBzgUxBtxznP1o  
GGTnoMetAASexznvigAPDDHWgAwcHGM+9AAoOM5FACY4xmgQoJAwVwKAAAYO  
evagBAAVJbJx2oCwYxgHoab2Hc46cetACMykANnrwaBA5AAXb15BoCwnfkfj  
QAFMsDngUAJnINADiByKAEOSTk5x3oAFABJ5NAB2oGBxgHB4oEBz3GM0AGBi  
gAbHFiyuB60CAHFMAAAXJ70DECgnPT60AKSAec0gEBFAB1Oe1MBcjoBSENOQ  
e9AxRyPmFMQdTWOIAAMH7wwPSgBQRjFAxCT2/OkAYJ5FAglzxTGKQcYFAgPH  
WgBG+XBx19KAD6igBCAc0AJngADmgBQCBjv6UALgkYPH0oAGBlwOIAAF59aA  
DaR0zigAxk8GgAB4x6d6AA5PNACdqAAjA44pBslxZgAccd6LFXFBGTgdaZIA  
cDFAAQM9aBiMO1IA2YFMQEky/IQBGxXnrSGOtvvuB6VEjSJOcAVmzQYzjHTN  
IZEQSeRQA4JQIUcDpxQAm7PSgAwX9qVgHBPWnYBQAKAELqvegLEbSANGUgEB  
Y9qYDgpNAXHBPu0AKCO1F0ApJNACYoAXGKQBgUALTabSATNIBOtMLBj2oGGK  
VgDpTAAwGcfyoATPoKQCHdnr+VFwsAFMBcCgBMCiwBgUWABjNFkA0jByOK6j  
IGdTQA4qcgikAHgYPBpgKFz7CgBTyev0oAXGcH0oARCCTnpQA4kBQaAG4Gfm  
oACcKBgc0ACjBzx9KAHAYUt+IACkcZoAEAHUZ9KAAc5HT2oAVTxnAP1oAAcg  
0AHCUANJJ6CgCQHIGAM0hiYO4kimIUFT7H6UAB9scUAA4xg4PtQAmFU5PQ0A  
IW4+XpQAHIILGgBMEjggCgB23aBk9aAHE4GCaQxpPoOPWmlCWUAjvSAUhunF  
AwwevYdeaYgyB0FABlGc4xQAYzz1J70AOJA6g5oABjHXNACcH2xQAgJIOO1A

DI+7QAwnjpQApHAI/GgGK2SpX9aBgoOMUAKwAGOafWgQHjAyGz6UhigjHXB7  
0AAAPTigAA3A8nPpQIEyQVPy+1MA2gDqT7mgAUMDgkYNIYdiMigQ0HjAH40x  
ijB7kfU0AKYqOo5oAUZ6ZwKQCZPPSmlQnl56HigBTjj0FAWakAcUAIQMZI/G  
gYoHy5H50AAJ/iwB7UABILBckg96AEZWBAzx2NAGlHQ8+4oAUUnl6dKAEJzgD  
qaQxVxjBGfWmla5JHt60ALkYPvQAHgDoc0ACITnPHHSgABUgZz+FACYBOFYp  
rQA7O08CkAgGBk80wF6jGQPYP0DAqCQFP50CDGDzz9KADGTwKQw4zjv2oEBBP  
HFMBCB0FAC89KADknBHFAAyjIwBQAYoABycDtQMTBPP86BWA8ikMBgEAUBYO  
D60xCjgegoGJggdPxoEHegBcDtQAEHHSgBu7nnpQAZ/AdqAFHHbNAXOM4HWg  
QhHODwaAFzgjac+uaAHE4FIY0Ekn0oEKAAYC549KQCDHWmAAZFACEFeRQAu  
Oc55NADRIjOAKAHYHYc0ANHB56UBYdn0FACDBbnj2oAaTgnFAWysaBDGJB5  
oAGIJye9IYRnbJkdxg1E0XBkpJPesjUAIffgFAAoACeOBSCwgGetAC8CmAjOq  
0AMMueADQA3Dt1OBRYBVjz60APEa0AOAA6AUXCwE+IACYz1pAKFp2AMCiwC0  
DExQIOBSACaLgJQAnFFgELAUhbs9KAsGc96ADigBjx7iCG2kelCYDuB3oCw  
hZaBhvHagA3A9qBCE+gpgBJ9hQAAHI5oAiDEjBrqOUXO2gBynJ7UAI6nf16C  
gBVPOfSgAU8dKAAnJBoAVQT0FAIcSM4HpQAjbcj2oADgkelAAVAAYdaAHA4  
7ZoARiT8pPFADjgBcCgAAXPWgLAeT7UAISSQAaAFZR0PXtQA1SQMDigBeFGf  
X0oBlk5BwMUDD5hx2oElwoAUAgcnGaABeeO3rQAhUdqAsIUUjqQaAFCjgUAD  
dcMMUDsGQcfzpBoLnJwDgUwGbsvgdBSAeTjoeaAEHNAg4zx+IMBd64lwcnpQ  
AqggDcKBgcdqBAACP6CgBuCvt6UBcMADOfwoCw4EAEKeTSGIMEdKYBtz93j6  
0CFBwcH8/SkAhGRgc49KBjiAQOB+NAAoHXv2xQFgzkdPx70AlhPTGfrQApJB  
zwD0FAAoGck80CAGBs+vWmAEjzQMDjHTNAhN2OFGD69qAF7Zbn1oAATnvj  
tQMAQBz1NACEEj6UCFJ2gdKAEGc5FAwxjv8AIQIAoz/s/WgAA6j8sUDFT72M  
5A9qBAMEZAoACQTxQMRyBgY2k9SaBC/LgY+770DsBCoc4JoEAJzkjA9KAA/d  
2DnPPQApOFyPTkGgBollxx60AHGc44HSgBcqec49qAA4JwD+OKADJxz2oAT  
n8PSgAKgkGgBcHtmgBShxmgBPpSGIcZ/pQKwo6dsUDAJpimIDgDI5oAXoeQR  
ikMbjJ64oAXHv2pgCjIJOBQITGckH8KAA89qAFH0FIYp9qAEycYNMA2sehWk  
BAFzxQAHG33NABnA60AJg8nHHpQAYGKAAAD6GgBABnjikAnFMByqCo4oANoz  
xQAKMGgAJPbAoANwNAATnHFABnJwBjNABg9KABdx6jGO9AAMAUAJkKc9KAsI  
cEdaADBxgYoACPUUAA4OKAAAnB9aAGkDqe/b0pDGsoHSgYkYy4zUSQ4lkcdqy  
NkNZ1X2ouFhm8t0BxQA8cUgEYntQBHTYnrgUWAURjPr9aYDwg+IACHQP/r0A  
G4dhQAHJ9qAACgBQKLALzQAIawzQITPoKADHrSAQkZoATf6CgBpZj3oHYTB9  
aQCbPemAuO1ACYoANvtSsAu2gBNme1NAASgB20UWAMCgAwKBBgCgBB7UxkR4  
Hauk5RBxxjNACnjoKAFa5GM/WgBAcE0BcXqvAAAoAUBQRjr3oAUZJP8ASgAU  
7hj1PWgBQu5iD070BYCozhaAE+bhcUAKMqMUAAXJ5FACsR06CgAzuwBjIFAA  
cYPP4UALjcAcYxwBQA/BwMdaAG7QOnU9qAE43YPQ0AOBAHt6UANBAOf0oAcO  
nFADTgkcn6UAOJAICtg0AGGz978qAEwMZClj3NAACz9+PSgBcAfe4oAZv64F  
AIGB9fwlpDHKcjlH1FAMcSCMY696YhCMcDNACYwfSkA44xTCwgPTIOP0oAVh  
k4XAOAASPTNADsYIxzQAgUHkEcdqAG8bvSgLC8g4XvSAXnoeD60wDhvTigLC  
Fdv3TyaQ/QOec0w9RfukZ/CkApyOh4NMBCOcgUgF3HcOBx3oAUjHXBj9KYCE  
r3HNAATk4xx60CDjilNAwYYXjtQICCeD+IAAQTIHNABhgcEjigBAOcY/GgA3  
DJxzQAE9jmgAxk4H5UDDYCPc0CANnCGc5xmgBeM45HrQAEgAqMUDGkFRnGO  
eKBCgoOpyfXsKQxQVGQGznrGwUwADjrn60CAYB6UABznGQKADI9M+9ACdOhzn  
07UDDjPegQBcjPpQAZyeOAO1AAxBx1/CgBc8YoACecGgA4PtigA4PBP4UDEx  
gDvikAoALEgAexpiAr7UAG0jGeB6UAlpDDPQg9KAHBT3I79jSGJgZwaAA5AA  
JoANoJxTEIABwOIAChc5AzgdaQwPAoAATnNMQZPTHFABj86ADObyetAADg8U  
ABJ7CgBCc/SgAUcnHegAJ5oAUgdqAEwB1oACeBjpQAv40ANXg9KAF5x0xQAg  
C96AEzjg0AO4PI4oAMgHBNADc5GM4oAXgigBCdvpj3oAFUHRx7UAOx/tfhQA  
mR6UAAGeKAG5AznjBoGMJpAIGyOTg0DAnBBGOTIcUSOxJwv6VizZDkj7kU7



gPwo6UgsIWHTAFACfhSAAvrXTAcBjuKAELHtRcAxnrS9QDaKfoAZx0oAM5oA  
MGgBMgd80ABYUBYTce3FKwCZNA7CYz2oAMUaALtoELtoAQRQMXAFACECgA4o  
AQnFILADmmAhJFABz6UAGD6UCF2mmFwC0WC4YoAXAoAgGB2rpOYVgOwxQA3P  
bHHRQAucDigBnU/jQBIMDjP1FACgAdB060ACYPC0ACgDjNACqQFJ5yaAFGQM  
dKAAevegBM5OKAHZxxQA1juTnrmgA3AYwKAFXggsOtADscHHWgB3Rcd6AGnG  
cdDQAEdAOtACEEDDdaAAN2xQA7b60BYTFACHHpQA5SOgFIAJwMAdaYCDaOMY  
NAACSeeg70ACEEscfSkMO3rTEG8dhyaQCkkLjHFAC4PBzTAaeW5oAfkA9CRS  
AOWGB1NMAXPcYxQAJDueCaAFxnp6igAPbj/AOvQAevy5NAAhKqc/IQAuO/H  
PvQAhBODQFhCpU5yMUBYXPc0AJnPWkMUE+nHamApPGMc+tAAAnX5uR7UCAE7j  
6CgYpl+ueuaAEzzjoDQIMk9OB3oGGF7dPegQoweDQAm4FuBgDvQAdTnlXQAZ  
wSM8EZoAQDIGBj1oAVicjYOnWgYDJ5xQAglHHSgQDOcqOnrQA7B5NADDwcZ5  
oAdgY+bPHbNAAAD2/CgLARngcEdqAE2K3UYoAcCCMEZxQFgbjk+nGaAEwQBj  
vQAAY45oGJjnOSDQAoz3oAQAZwOD2oAFBBwSM0AKQM4bp3oEIAMc5x2oAVdv  
UUAaOBkjmGBCaAAcn6UAKx49M0AICFOGzzQAAYYgcUAKB2/OgA4H8OfxoGBO  
fwoACc9sUAAORQABYgl7GkAfKetAAcZxyBTEIQB0NAAQc5PU0gDA9MUwFAoA  
B+VACNwOPxoCwZ4GDz3oAB0oAXGaAE6/SgBSM9qAAY780AJ1zigBcgjpigBM  
AUAHck0ANwc8jAoATAz7UAPGDx2oAQLigBSBjhfoATORz2oAFCgcEkUAKME  
c0AMIPbgUgG7R/EaYCYGetlYhC560MYmAOKTBFwbVUEDtWLNkNLg9M1lxuCe  
xp2AUL680ALgDtQAZ9qADGaQABg9qaAC3tiwCbge/5UAJkdhQAEsenFFwAg  
ng5pXAQIKYxdtKwC7RQITAosAcCnYAZQAZzQAnJpDDB9aACgQY9qLAGKAACg  
AxQAu2iwBtxTsAAUAGBQAcUAGRQAZpgVvWmJv6V0HNYM565FACE84xQAAnOK  
ADAX19qAsPJAGfWgBUBK+9ACjKnCjFAAgwSTgmgBeO1ACjaR1oAQHPQcGgBS  
vP8AWgBoGDx+tAAxzj3oAcoxz1xQAgIPagB4IAxQMMdD0oEDYYPJ60BYQDJzn  
pQAmfUcUALyOAOKAHMMp149KAElYfl6UAICD8uORQAMMAletACLgEHqaAH8s  
cbcUANO/oMYoGIQ4AHaIYB+wgA0AADAnAGfemICD/EeaADDdSePagAyCOOCO  
IILCkgetMBMMB0FAAGbnIzSAASRgAfnTAXAJzzQAACgAOFIPNAANp7mkADg  
YI6UwF7GkMQJjv19aYCFcg8gUBYVgVG1ulIAXAB3c+maAEDDGCKYhVGB70AL  
gZAB/E0AB4OAOaBgRkcnPtQFhVBU/d60AGBk980CEJC45xQMUYI4FAhDjOMY  
oABkHkDbQMDwmc8HrQIARt28exoATtigBVlyMDBoAXquAQOe9ADSOc+IAC53  
H7tACN1wBj2oAUA9T1HQigAAJOT+dAwZcgA56+tAhSACB0B/SgBCSDg80AGR  
t4P4UAA6c0AISTx6UDD2lx7igQ4kn6e9ACMBx2pDEXzkmmlUcnPT0oACNp4H  
NAAST1/SiwAO1AC4Jzg0AAIxyKAsIBkcCgAll6YH0oAB06Y/GgAzzjt6UgAc  
cDgGmAvbPpQA0nAB9aBigZHzD6UCEx+FAClc4J6ikAMOKYWE54B49KAHDrQA  
hGfb6UgADA9aYCEjOKAFAGeO1AAfXFAAD2xQAhJHAoAM8dKAAAnGKAFGMfWgB  
pAyKAFA9+KADIHA/WgBGw3fApANAZTGPGAOR17UCAUALye4xQA3AAweaAsIB  
np0oACQGG0Y9RQAMeaAGueMUAIACOaBiFfTmlYBCMng0mhk6AsgrGRtEcFxs  
GLg/hQAfQUgD60wELAfWkAgJ/uk07ALg/SiwBtHfmgAwB0AFAB+IoASgYDFA  
gyKADNABn2oATBPSgAxQAYHpQAY9qADBosAoHtRYA2/SgAwKAFwPSgBMD0pA  
HPagBMH1pgLj1oAMCiwBigBKADAosAYGaLAVIHycKZ966TmAeyOetACdBk0A  
N/iz69qAY5QT1/KgBX6j0oAcBj6UDHEhR160ACggcdKBCDnjGKAFwBx2oAUj  
5PfsKAeyelACDnORxQAuBkAdMUAKxx7UAAPHTFAD1AC9RzQAE9BjGKAA4Zce  
9ACcEY70XAULj/CgBG47H2oACTs5HFAMBkKSPyoARmHpzQAYCj69qAEGSc4x  
QA884HOR3oGHO7nGPagQtAAeCAucHrQAYB/iNACEYI28ex70ABYDg9PagBCA  
en6UAOAAGDn60ANGCcdqAHBgvqfwoAaAM7umelACuSANvftQAoxj3oAC4Pag  
BQQTxiGBe+8Qwz9DQAmPmwDjFAx4PzcnkCgBMDnJxQAmQG55HvSARvIH16UC  
EUkcUDHDGeM0AHII4pgLyDz1oEByD0/GgBck4BPNAwI2jpp096BAPmGeMDrQ  
ABmU/KTikA0AKSDxnmmAqnBl6g/pQApwq+1ACEkkdqQxAdk56CmlU4xkUBYT  
nOePxoADnGew7UAK+QowOvvQAMEPegLiqRgZz70DFBDcnIHtQIOAOelACDDH

joaADAPrQOwhGTwAPWgVheOgOaAAcHGaAAsA2BQAAk44GDQAp+bAz0oGNOcg  
daBC4OcnPQAhB9aAAA+IACkflQAqrtOe3WgBMAt6CgAwFYAd6BgQc9RQAgGT  
7+9AhSCD8wyPagYZxwKBAcHigAAGOKADJGOhoAUE4zn8MUhihnAxn9KLBcYx  
PTpTAACOetAhcetlBcUAJjvQAgUA5FMBRjOaB2A5PSkAgJJ+7TEL8wOVFAAA  
T14ouFhCpzg8igBSoB46UAMON2KAsOb5fujjvzQAH7uPSgBOOwx60AKRxQFh  
uMe9ADsg8CgBDleAKAAkY9DQAzJ/CgB4C9RkZFAcAAHmgLCcE9MfSkA0ADOO  
M0AIR3BoGGw0mguTQghACeO1ZSNoEjOq8dfpUIDFLHnBNADvm9QB7UAGwd8n  
8aAAYHQYoAXOaAEoGlaBCUDENAg+IAChaADGOtIA4pgGCALALtNFgALntRYB  
duOvFMAXigA+IIA5pgGKQBigA6UwEOBSAMj0pAH4U7hYTmi4CHNAAeuKQBzT  
AXBpgJzSAqgFsAd66TmA5oARuT1/CkAoBPAGaYCLk80AiRhkKeMdwKAYA7eA  
M+9AAQcFuMDtQAoOenANACKYxjkGgBQRzxQAhBHPbvQAAGHJyM9KAHdU9R3o  
ATjB20ABywBPrQAEbfxoAXlyNo4PrSAVx8pzTAQEHn+VAAvGfTsaADvlkj  
QArKSM5wB+tACYyuMYNADjyQOwoAQp8ufSgLDdgGCDk0AKysQCCfoKAHHCy  
5oATPQAH8aAFIGc9KA2E3gHaOD60BcXqAoApAB4pglw2gHGAFxu4A6jtQAY  
wMMTQAYyOWwKBijngYP0oFYaSeB29KAHjNIYnA+vpQIMgNx+VMLgSBtwOTQA  
uME4PWgBGHTHWgBCdrHByaAFGMZJxnrQA0g78HoORQA4/N9aQCLy+MYpjHY+  
fnikFg5zxTElpcnB4oAUvkYHSgAJwBjGaAE3ZYUAOxgH27UDEPIB6f1oAB8w  
zmlcBFHYD8aYhSGztz9c0AL82duM4oGBJxjaPx70AJg7c5/KgQuOOCMDnmgB  
uARuPFAXVAI6ZoAB6dqQgPyyBnPoAU560x2EXJOT0oEKDjGOM0AICeQCM/p  
QAYz1loAB1xQApxjkmGbbkj6d6ADAPANAAFWetAwGTnaf0oEDZJGPujqaAEA  
w3Xj1oAVs5I7UAAwvfPtQafjQAdRzx6UAGCoBzk0DsGeMMMf1oAARjgZoEJg  
MuOc/XpQAoHGPzpAKBngUDEHB9qYgwBxzmGABwenNAASc8UAB/U0AGe1IAOD  
7UALkdM0DAn0oAQ89KADGOIACEc80xAOAOnNACg54oATIFIBQw/hz+NMAB3H  
PpQA1lz1FACqQPloACR2oAAOeaAAjPSgBAO5zQAgGRnOKAF6dDmgADdjQFxs  
M8CgAJxwBQA3k9qAFawaAArgc0hoj4BwBQApzjFADh83B7elZTNYEgUAVBY8  
D0oAKBhigQYAoAaSKLgIWFACcnpRcYbT9KBBt96AF6dBmgAwT7UagKEosAoH  
oKYCgfhQAcfWgQD6UDAjPegAxQAHaOAbuFFwsGTSAKADFABRYApgJRYAoAQ0  
gDFACc0ABIHegBu4dqLAQA5OK6TmEGBQCEzk8UAxQWBoAQkAcigB5Y4wF/Gg  
GCghMmgAU4IAHX9KAHjOMetACEYGR0oBig4xjvQArf3fUUABPybaAsBzjgcU  
AKvagAyBwaAFJ+U56UADdFAHGetAA/Xnp6UAIDtA4oBATzx0NABnB2npQAfM  
TjPHpQA4kDg9aAEBzgZxQAm7BwDQAuBtyR1oCw4Aep/CgBMkHpQAKQT0/CgB  
CC/A+XHXNACPHkgjjHegBwU5PP5UAKmRkntQAEEn7uAQaAAEADqKQw69elAhh  
VT2pgLtA6Nj6UABUKMhvxoAcrev50hinaT/hQFhMZPBpiFUdM8igBM47cUAK  
OAcdaBiFTuyOaBBg529j3oACcnBAyKABcMMAYPvSGITjGcbs0xDge4NAw25G  
c4+tArAcEYoARuBxQAoA6kZ+IAwlwM54HbvQIQYJ46UAOxxgDr60ANzQAp5x  
g/ISGBPPPWmlQ8NwMGgB2TkaFjQAnJJ7L7UAluSeBQAZAPloAUpg5lwPQGgA  
OSMz4oAAGKkLgfWgAJ+VV796Qwb5ehwDQAYHTqPSmlAMDAoCwrYAGcfWgLCA  
gHABGaQCE9vWmAHGKAfQgD2pBYAAx460wFwwOOnvmgBB0JwOKAACjpigYYIA  
75oEOAA6UANbGMDFAAASwAP/ANagBT1xxxQAHG4igAPoOMUACkZxigBc5PA/  
CgAxn2oAF/KgBG5NAwyM/SgQuQAAGnrk9AAE0DAHJ5oEB2g4xSAUYpgB6Zx  
igBMgdBQAZ7EUAHYDH40AGMYoGG4HoKBC5VQB/KgAIFABjHrigBpbHQUGdlu  
h59KYDgCeKAE6LigAAz1/KgBGA6ZxQAbSAKAEAAOTQAoOKAHAcZoACT+FACE  
ADp1oAQEke1IAYA9s0DGLknBoAfGMswrORpAIC1maDsYoATIoAQsO1AWG5JP  
A4oAXZ3JoAMKOIAAMn2oAXZnvTsFxdgFFgFA9BQAYPfpTAMgdqQC5z/9agLB  
gUAHhAmIKAENACHHuaAG89gKm4wxQAoUCiwARTAM0AJmi4WEpAHFACZAoAQu  
O1ACF/woAYWB75+IABn0GKdwFoAiAJOK6DmBkQHA4PrQAbQOh5oAFByd3SgB  
CuRkHHNADg46Dk0AG0n8O1AWA5BHGKAfGdwx1PrQAnABGaAFQcDigBdoxmgB  
eNpoAVT2z9aQ0DfK2BnFMQgG45AoAViD2oAUy4z2oARjg0ArCsVZhzx/KgGM

78cigEPYA80AAGTkDFACAHPI+maAHZwfSgYYBBGBQKwYGM46e9ACAY+IACgb  
vloAdgqDgCgBB6E9aAAcD5jwOmKAEye3FADQTj2oAcCM/WgAOSMEcUAG7ApD  
FAJBNMVhoJKgelADhzweIAAPu8DigBN3PHJFAw7Z4z6UCFJyuCcUAKuFGDhv  
WgAAGCegFAABnocUDAK9qBAoGDyQaBjSSTxxQIDywJ5xQCQpx7e1AwYjAODm  
gQLh+CSPTFAAB29KAAbSeODSGDDI45NMQqkDGM0AKPIfk4PpQApKk0ANaz2x  
z1oACuec4oAAAT6D1oGGdoz1oEHbGDzQAnRfTHQUAKoDZwcEevegAYFscdKA  
FFACZXPXI9qAEyBjAzSGK3Uc0xCcg89PUUAKD75oAAM9KAFAJPXpQMQgZoEG  
M/SgBduB7GgBMDpjpQAKOccn2oAXqaBgBzigQp6dPzoARvyoACOM0AA4HAoA  
Q9OB1oAOeIIY7O7j0pgNyQcAZoEKQQRnI96AAIx1FAADnj+IACcZlpDADI5  
HlpiDJHagBxwefegY09fTNAhSP0oAapz7igBSQDgZoAM0DEOOg/OgQMTn6d6A  
Bcep9xQANgjj8qQxEGM5loCwYBOcYx6Uxck9+tAARxxQAh44xn3oAXH4UAKu  
AB7UAIWBj6g0AAwwzk8UADDigAPzDbzx0xQAnSgBfTgYoAUyxxQAMeAFGSew  
oAb86naykEdQeCKAELgdaQBimCGkEcZpDhWHdsG9KzmaRJSw6VmaByaAALnr  
QAu0DtQAhOKYCYJpAOCAUwHBRQICQOBQA0DJ5/KgY4cDimIDQAh6/wBKQ0AP  
agB1AgxTAKAGn2oCw3BNiYUBQAZ9KAEOaQCAe9FgDIHpQA0uB3z9KYCM+Ogo  
0AiaQjt+VILCB2P8NFwFySfSi4xDSAacdLgKHFMVg3DimFhoAxnNdbZa21j  
kUAC/dGcfSgA74zQA3GSTnigBwAOMce9AC7W/CgLAcArjnP6UAGQG6/WgBwC  
kkjigAUn8KADYRk9c0AISBxn8KAAjkEUALkhsY5NACooBPPFAAF9aABQc5oA  
Q9eelAlcCpOMcUgFwcY4xTAAcHn8qAGgHHHtQAvbB6UANKk9D9KAHL8vyj8  
aADdt4l4oAUsMcD8KAsJx9KAF6jg80AAwcDB+tACgHGMdP1oAnpz0oAbxnGM  
UAKcAegoARRxk9ulAdmCkdMZ96AAYXGcC96AFYgHGKAE3AHApWAUkdCPwBpg  
IqjPAxQADpigAzgdMigBcKtKDAHU0ABYdaQxPII5OPpTEABI68UAIoO/B4FA  
Dj05PPbFACehP5UDDjG7GcUCDIOM0ABlxj8jQAL6kUAAODx3oAcoGeuBQMMH  
JwePWgQY4zzx1NIYhHTHFMQLjOB1oAXPPzUANlw3t2oAUkDHU57CgA6sPQdK  
AsAU/wCBNAC7gR8wwemRQAmcYoAXOelACAc8UAGCucjmgYDBGc9e1AheR26U  
AAJyTgA+lAxPuHkHFAgDAnBB2mgYAj8KBBg9jxQAu3nk8UAGB0GaAAgLjNAB  
kgYGBQAdfegBO3XFAClCd80AB9O1IBcdKYCAdeQQOxoAUZ6g/hQMaSAeOaBC  
jB9sUAGfyoADx0pAHHoRTAAPSgAH3sd6AFYjoaAGgHqKAEJJ7fjQMUKZHagQ  
fKOnegYZGaABh6UALjA4PFACHhc80CE4B4oAMAnk4NKwxCGbpRYAHHy0AxcY  
+IMQoIPoaAE6jigA5lwBQAZPAGBTjoKADIQHvntQAgIPfHtQAhbAxj8aAB+v  
FACg44oAU8Hb2PegBAWVgQcY6EUAK7tl++Qgt044oHcYQM0CF5XjHFIAYG/C  
gAXAlwD1FRI0gP71kajgKAH0DEJwKBDRzzQAvTtTAVWycbTQA40xDec9qQxQ  
MUWELQAmewouFg2mgBce1OwCEgUAGSegpXGBB7nHtQAgI7CgAz68UAIsv1oA  
bvA+IIBjSDsKYCFmPQ4FK4DSKAsLigAxmiwCbBSsMMdqBBtosFxNtOwBgelf  
gDAosAADPSiwERAU8niuk5hUxkgDA65NAAQeGIH0oAcoxwaAEXCucDjsKAFO  
D04oAVffoKAulMZPHHagLCY4oAcBleQAB6UAL8o6DrQAI5I68UAI5UNwOnWg  
B4bl6cUAJjgHOcUADLsGQevpQA4YK55zQAqqO5oAjJBf2HagB+ckEDA9qQAW  
P8OBQMaCd3PXtigQ4Fs8UADA4yAB7UwDtweaADHegAwCcnj60ABA7c0AKRgD  
HU0AHloAcBx6CgBoBBxn8aAFJC8E5NAAc5GcfSgA2ndggUAKx6qPzxQAg25I  
PIHegBMtjPgUAKSSM/pSGAbBwV60xCAYyAM+1ACBiDjoaQDs+g+amMAcDO05  
FACggg8fWgBMZTC96BctgMAV7UAJyq8DNAC4BI56daAEyScAcUAKgwee9AwT  
5iR+goAMAHGKBBwTwMigBclTgZ5oAQkZBHTvQFhNxz7etACjg8E59KAFGTx3  
oGI2cAMRk9qAAEAgk4xQAhbPTJFAhThSAKABQUycjB60AG4DoM574pDDjHfN  
MA4yCwzigQHABlZQAg6A+tAATgehoAUAKfMeTxxQABQp5GRQFhUoAXhe/Wiw  
xucjGfwpCEQELg9BTAUZIwAPxoAFJXrQAqjPJyfpQAZGTwfrQAca5PSkAgyM  
H9DTAXB+maAALg96AAA5oAM7e9AAORQAHP2FAwlxigQmD14AoAM8/wBaQAMc  
89aYAo6CgYvGOIAGyhcUgEwB2NMLBjnNACleODQA3gcdRQAolJBHWgAxn2p  
ABAFMYZ56ZNAhcZ+npQAmMnkUADcjAoAQHnpz3oAUEDpxQAEk0AlwJGKADbg



DvQAU046UAICB9KAAcjr+1AC5/OgBMYPNACEigBeD1NAAvXFAWFGfQUAG3P  
U0AJ6YoABg5yOnagBoIbWkUAOb1H5Uhjc98fITENH+sVhUSRpEnK45GayZq  
hRSAeDQDAigBB196AFazTELimAjEngUgFVMDk07ABIHei4WEALdBxSAUL7UW  
C4piHFFwsNwzewoGKABwOTQA0sFPzEL7UAIXXsN31oAbuJ9BQA3vyTQAJEdq  
LgMJpAIAT90fnQA9VPc/IQAu0UWQBj0oAKBhQAmKBWEzQAmRQAZFABkUwELA  
GlcLEIIJlxXScwZAIFAEjrIVORzz9KADORjn60AIDtOKAQoBLEk8n0oBAxyQ  
MYoAQjnmgBwKjt+FAAcBf50ANyO1ADI6DbQA5slDvc0AlnygA84oAUjJ4GM9  
M0ANAYuNucUAKTuZecYoAczD6HNACAgk54oAUNgY6A0DG989qQApwaBWHZyS  
e9AACT1PFACHjoOKYAXUAHBPrijtQA7K9SODQMQ4x6elArBwcY6jrmgYoZmPQ  
fWgQpUA9cj1oAT+VAC5U9BzQMXHz0CEzk55z0oAMFhg8UBYRSCcMMAdKAFb7  
ntQAoPAyKAA8+1AWG4K/MScE1IBwJ44oABwx/rTAQEntgGgBVwox1zQMMbS  
MDg/pQJA3LZxxSGG7lx6dKABXJGRz6igBGBPQYNMQoB25H50AgztI20Ahx+Y  
5Y5z3FIYgBXoBimlTJB4oATPrQMGz1/hoEIBzmgBysB1pDBcA7nGfrTAMYOO  
Mr2oEG4KcDp2oGJgZoADknBAx7UCFHHQ4+IACOBs47d6AHY4ABxmgAAABGc4  
60gEyq4AGf6UABG3r+IMAHPTtSAOuMdqAFBweKYAST9aAAHK4xzQAmcDHXPr  
2oAE5HTP1oGAHHvQIQg5z096AFByOf1oAXgdDQADgYoAOeOw9KAFw3XqKAew  
c470AJjt39DSAUnpjtQAo6dODTGInTBH40CBRgc8gUADY4AHFAAR2UYoADg0  
gEHseB69qYCnng8UAJggfL1oAFBzyfzoAUgY64NAXM/ISATpTEKDX1oAUHI6  
YoAOvB60ABz+FAADnpjQADkE9KBjcYOfWgQp4AyKADgcmgBAxyAfzoAMgnF  
AC5OKADAx9aAEzjigAI9DQAu1T1oAQKueRkUALgduIACDI46GgAIOcDigAC  
k9qADPOKADPP9aAGsecAce1IAXgcUwFxmQYDCpY0WMViboacZpXAep7AUAB  
AA5oAFXJ4HFMB4H4UxDc7jgUAPAwOMUANJGcCi4WAIM5IoAU7QP8KAG8kf3R  
70hiF0U4HzGgBjSE9qQDS7kYBwPagBhUA5oAXHqaACgLCYzQAbBnuaLAKFA7  
UWAXigApgFIBNw6UAIWFACE0AJJNAAR7UAJt55oAXAosAYosA0qDxRYZH1PA  
wa6TIFcYwGoCwoxjigAJOQKAFbkgn8DQAp4XNAMaMGgB4znoMUAIBjk0AIxB  
PHAOAAoxXQAqZUgDtQApODx0JoAUjD5JoADk8jHFACI3bP1FACMNpoAUsGxg  
dKAef5IGKAHbjtAwOKAGA/MewNADIOMj8qAFUikA4FScYP1oGKMk8fnTFYQD  
DEY60ANU/eBHBoAcOBj0oAOmeKAAkA4DdaAuKuCcYzQAMAP6CgBMDv8ApQAo  
2hiD0xQAAadhQApwOpPHpQAHnp+VACDgdM0ACdPqetACkjp+dAADgZGM+IACK  
csSR+FIYAgZ9/WgQc49QKYCqQo7c0AJkgZA4oAN25e2PWgAAxyOnr60AKoAy  
cDhtQMqbec9D0oEKAQMA0AIFoGLuFAAGXHzDk9KBASepTvQAhoT9B0AoAGI  
B+tAC4GOgzQAmMHPHFAC53mgYYwM55+tACEHP1oAQOOtAgwR9KAFQjoMY9a  
AFBlypAwetACYGQOT6GgA2qGoAG6qB1oACOCegGgAwOADnPegBRxwOaADPHT  
8aQBztHy9+tMBSca49qBiMBtzQIOTggYoATkH19xQApOe3FACAZXjj2oAAc8H  
igBVFAAxwcuUAB6jrQAZz7Ed6AADuaBgevTApCAEHgUDFXg80CAGbcjrQMTA  
HXoaABSO1AARxzTEH3e1AB16HFAwJIHQfhQKwmfl4H1oAAR6UAOOOwoGNA56  
UCHAc5zigBM5oAQZz04oAUHT0oATrQAuOOxH1oGHHTGKBDSe2OIAAoJoACO3  
SgACg8ZoAU+nSkAACmAE7eg47UAJnH1NACsQMetAASDwKAeyADGCaAF7A9c0  
AJnn0oAcBhRzQAmQBQAj5oAQf7QoAUaqfagAIB6c+2aAGuePu8+uelSykWM  
ggYrFm6ALuNADh8o4oAQAueOIFgJMADp+NMQmCx4HFADgMDvQAhbJwOnrSuF  
hN0adW59BzTAY0pzhAQPU0DsRksTkt+VIA2jvk/WgAxxQAYFIALosAmBQAYH  
QCmAYFFgDAFFgCgA4FADSRsuAcmgBMUAG0CgBdooATFABTsAUWAQ0ABoATNA  
AOtICJv7QK6TmAjIG7OB2osFwBCjjigBQFBDdzQA4gED2oGJkEbefY0CsIM  
DvQFh2eP8aAA4IyaAGgexoAUMF4xQA4cnNAAeSAeBQAvXrQA1SQDmgB4AXp0  
96ABgMjBGTQFhrgZzQAchTQAqjINADWALKcdKASH4Axg0hjSPnBpiHLGcYpA  
OGNpHSmAYwOp/GgLCEYx6UAGST836UABODwcY9aABSp5x+dACjqcUABAz60A  
HYccUAKFB5oATOeBz70AABJyentSAd1OeIMBCSBwKAulpzxfAC4xwO9AWDG  
DyMUAiwoAcjPagAwAOpzQAAetABjI5AoAFwDyM+1AAdo4IHP6UDsByOn5UgF

HlwePamiVTkYI6UBoJ1XAODmgLBjt+tAAV5oACAOuPpQAEY5I4PSgBOn07UA  
A2n72RjoBQMXPGfSkIMZORTGG0A/0oEBAHJNAAG3HhcY9e9AASAelACigYBT  
k5oElu1kOePQUDFzgegNAhAff8aAADHagBcKfvDmgLATkDHPpQFhRnHPWgY0  
MTkUCDqvoR3oAADj1oAXAA6YFACA5GOwoAcBnrX9KAG8keg9KAFOQwHTNAMT  
GDg96AF0cdMfSkMAGPTv60xAxJA7AGgBMsBj9KAFJ4HGM9qAFxkcUAIAASPy  
JoAUAn0H1pAlxGcY/KmA0daAHDg54+IIA5I9qYAelACdR0oAUD06UAKB/wDq  
pALgD2oGNY54PPuKYhflxjPNACDGcdaADaKAADF2MY65oAOMYoAQgemKAA  
cDnkUAAz64FAwyOIAglOelACH2/GgBR6ZFAAQKAE2nPtQAoBH0oATPPSgAly  
crxQAA44PegBeeMY4oATORyKADHPHFAACQcdqAF4z0oARumBQAAEY5oAaRyR  
3oARicfhSY0WUwUGeeKwZuhSQopDBRu+IMCUDjsBTERI0JwWwPTTrSGKZIAwq  
H+VAWGtl7DHCj2oCwzHGD+tMAAA7YpABxQAIYYNMQoFACDg0gFpgJQUAFA  
CEge9ACZz0GKAE25pAGKLALgUwEx6CgAxQAZA70gE3Ci4WGljQFgyaAEwxNA  
CEH1pgGDQAAkYpWAjBwckcetdBzDgVdfQUwEZQeM8CgBQSchVoGBDZ9KVx2F  
9M449KLhYQnJ/wAKBWDJzzTCw7G1Rz1oEH3RuOAPII6UAAB6UALgE8UAIAC+  
1AAOvzCgBevP6UAOIBHPFACHBXAOACAO1IBQRjB4FMBO5I70gAnjPpQAikkD  
1pgKBkjl6UAPwPTTrSACAQqC/hTAYhwcnelADhlumKAAHJGRQAp78AYoAAcD  
jrQAKR0xQMbgk8HFAhwKn71ABt7cUAG4Kcd6VxoUrKAK0BYMgDB/SgBFOQCR  
wKYheo+XOfQ0AABPH8R9aADaA3I60DDO0MO1AhqnOM4+IAxw68CkIQkL1xmm  
MGBcdgKQCqe7HmgA6H+tMAYccEc9qADaOACcmgQKD+FIYucnP TABwT3+tACE  
YHXj3oEKcYoAQAHv9aAAICOO3vQAZ5+6fzoAOMcdaAAgBueM0AAPB4x70AAw  
T16UAGTnAxzQArZGOQPagBVAXg4FACAAZHGD2IoAFABYRn2NACHdngYoAdj  
lxnvmgY0njigQAK9jmgYuOeOKBCHBI64oAUHHUY9KAAAnI5oGAUY46UCDGDyc  
H0oGlp9KBDj1wR0oDQRVy+TQAmCBnn6UAAAJAJloAG4HPAoGKMce1AhGwTjF  
ACg85HWgYHoAaQcK4xQlBk5wADQMXPTjFMQcbh/SgAPXaBxQAgAzgHGAAHAY  
BAoALOOKBgTKdMUCD0BPXvQAYA7UAG2gBMdgOaAAcdqAFz7Z96AAcUAJkA5N  
IBevPb3oGJnnGKYgHTpQADr92gAPPWgLBj8qAEA9qAFwCOCaADJxjtSATOOb  
TAF4HPNAB147UAKCMcYzQFhQc9OvpQAHJBwaAEBGeaAFytABnPQUAB6UAJkE  
+IABj35oARhkdKTGh6PhAM9KxZvEcCT0TP1pDHF36ZC/SgBCM9ST9TQAAAdM  
CkAmRQAcUAGM0wDFABj2pXAKACmAfHQAZoAQkDrSATcOwoAQEmgAxQAoFMAN  
ABQAGgBpYfWkFgyT7Ci4CY/GgA2igBcCgBtAwoAKAENAgOcwMkAGbPkyfwFd  
BhYQAgcUXCwgP4mi47DwSo44zSGIOfwPABwOO5pgPG2NQAMue57UxDTwefzo  
luKqc89KYAAScjpQALwSKAFHA+bpQAAjBoAE3MMngDtQAZJPHagBEcEjjkda  
AQ/BJJOB7UgGk84A/GgBSSQOMntQO4Yz6UAKPSgAwQpwODQIQgcCmA9Qq5Ao  
GBHtigQLg9qAEZRngcUAAI4AP1oAH4wBz60ACKEdKBoXGOSOKAsiCAeBSELk  
eIMAc5GMY/CgBM5IHagYoAznvSAXPrTAM4ODwPagAyg7cdaBCDngcY6+9ACj  
BOMc+tACA5JBP4UgsLtyOBwPU0DAAHhRj1zTEBAzj17k0AJ8ucFOPWgAJHbp  
6UDBj/figQp44ABB70gALjJbp2pglAcfXpQAAjHNADiCoBB6+IACHPQDrQAg  
AB54oAXgn0AoAOFGeaAsKvTJ4zQMUcjgjlQlaQMYAxQA4rkDgE9KAYh5GOnv  
6UAxFVfXpQAcYx0NADkAYjpx2NACYp8AEMDsKABsn0GKADHIJP4UALyM5xj3  
oATORwM0AlOyeKAEH3jQA7GQc0BYQMCAUhhnOBTAUDI9qAA54VeB3oEAA6dC  
KABR1oCwvXJNAACB9TQCBhxgUhiMcLk9qBA+SF64pgHVcigBcbRkYNACZyen  
4ikMUHdz29aYhMknAFKwCjrTGBGR81IQAAjigLByPegBMZ7UwFGRxSAUjip+  
NMBACa9TQAKxlxxjtmgAABJ3UABwKAEBa5zj2oAXgvmgBOR34NACsMDg0AJ  
j8qAAcDFACZ5oAdkEdMUgEOc5pjEBOeKBASaAANjgCgAOKAAfSgBM4GAKAF2  
45oAUHn1oATaOooAAMcmgA356DigBq80AOHHloAGyT/hQAnQZoAQgHBoAUrk  
4HFAAcDjOaQxYcBDz361I2gOMijjOai5VhQ5PRTTARtx9vpSAQjAoAUHigB  
dwoAN1ADSx7cUAAJ7k0wFz/s0AGSenFIA+b1pgIRnuTSAXaKdgDFIapgGKAA  
kCgBu70FACHJpagGPWgAwBTADQwFpAlaYCUAGaAEyKAFpANxQAYFABkZoAjm



PIUdBxW5iNY4AAoGOQY+poAV+DigAyD7YoAax9Pzpom4oOSBTJuKCM/NnA7U  
AC428mgEhQwXAWgEJj589jQA48jtt2oAY5Ofr1xQA/IAAoAX2HFAAoAOAMH1  
pDQuSTg9aAE6DNAAecHtQAMQRxTECg8DNIBcc460AB6eIMBVORmgYE5OB0FA  
gCIVzn8KAFBGOvXvQAqB6rz7UAKSCMkc/SgAU4FAATnjGBQAF2oGleDjGBQ  
IUnc2M5FAC4AHofWgYgOT049aQBxnnkUAKpGSCM+IAhO5FMBc4PyigAJKkfl  
QAjFSCehoAXGwDGTmgBM7e2c0ACtuPzCgBSV6ZloAQ7cgD8vWgBTkcHj6UAI  
Dg8dPegYZyf84pACsckUxApAOMZNADIIOfX0oAM5OTkGgBCpOM45oARgFTkf  
QigBVORhqAFx2oAUcDqBQA0ksuMY96AExtIOeKAHY3KcHApDE6pxxigQEgem  
c0wA7zjGM0AOB2j5m/OkA04YZ/SmAZAHvQMB9/JOR6UgFlwC2c/SgBA1MQEA  
96QAWzgCgY7bxx1piExzk9aAHAY64+ooAaetAAFHUUAKSAOn5UAGMjPSgYYw  
eaQhMDoeBQAmMHpx60wHcA4z06GgYdTkdKADcD0HFAhByKAAEngUAL93oeaQ  
xpyOp49qAHY6d80AGFIxjGKADcMYAwPWgA6dOIMQZJGBwaQwBI4bpQADGfag  
AKj14piEx2pALjngYpglxHpQAEHsOKAAZzzzQAp2n2oATnHWgAAGKAAKPxmg  
ANABjl60rDDGOIMQ3g9eD6UABYOlAAAQPEgBcHqaADBHOR9KAAHnmgAbrzQA  
bsdBQAHLJoAbnoKAHDIORjmgBQwAHGaAAZB4oAT2IFAC5B4A6UANO4nigBMD  
cfjQARIGJ6+tYzRtAmCgdqksWgBM88UAJjmlYBcYosAmKLAKAKYBgUAFABwa  
QBinYAxQAuBQAnFABQAHyDigBpJPtQAYpAGBQAUwCgBMUABoAQn0oATJpDEx  
SACDTEJgUAHOOM0AHNABigAFADGwTW5kRk/NxzQBMi8ZoAa3JzRYVxOe1OxN  
wJGQPXrTEKq8+woAU5GKADAA5HPagBVwDuPWgLCZzkA0ACkDg8mgBcc5oARu  
SMdjQA/qQF/WkAcAcjn1pgKG/KkAjYzjtQFhelADWHcdKYDIGVx0FIYcYyKY  
hcjp1oAAAdvFADW5GcYPagB+Bj3oAaQccCgBd2MY/KgALEfd6+IACjBOehoAG  
PGOmaAABQKAAcmgBRjrjGKBgSM89aQhCBj+IMBVAHH5UAGCvYc0AGcnHb3oA  
QHOR6UAJk8gfrQAuzK54H40gAEnGOKYcnpGUDEzgggUCFFgct+GKAGL1OaAF  
zg4X9e9ADiARjt3oANuRx0FACMcsNv40AKSNwOMH2oGLkBuOCaBCYP40ABHG  
DyaADcB8u2gBSBnpz7UALzjl6UAJgbnN2RQMXgdeB2oATA288igVhMg9BQAH  
I+IAChcjIHFAcRwCefagBCqkjPFAWFYEjA6UAlx+U9vwpANwAoOKYCqAo4HX  
1oGKRg9Mj1oEAGSQB9KAEU9j1FAATxj09KAFAOwHPB7d6Bhjjjg0AKow2OtA  
Aec449qBAQB0GKAEa3EgfrQALyKAFBBoAD0A6CgBDjtQApODx3oAMAdOaAsN  
BA/wNADgAD8vekAYHQ0DExkYloEGMH2pgDnFIYoAA/pQALjGMHNAC9OtMQAf  
IQAmATQAo9hQAn6UALnPXigBKADIPBoAUHigBrevWgAznGeKAFK9+3pQAMPS  
gY0HB60CFBzQA9qADbxnFABj/8AVQAolxgigBGBx1/CgBMEUAHA9RQAowRk  
jNAWArijBxigBO9ABtA74z0xQAAD0/GgBSB34xQAAqOAc0ADHjkD8KBiDB9qB  
ADkYHGOTACFcDj8aTHcliA2B6VEzSDJsZrM0CgA/CgAoAMUgD6UwDFABigAo  
ACRQAm4CkAm/0FACZJ6CgA+b6fSmAuBQAYAoAQmgA5oASgA4oATPPFABk0gD  
qKYBgD2oAQ+wzSATn1xQAdfWgAxQAUDDFAgxQAYpAQMOeK6DldGhJxjmmBYS  
EPDI+7aE6n1NFiWyt8wCkjAPNNE3HKOCc9qAI9vyhqAJFBPHTPegBGO18dRQ  
FwY7j1oBC428UALgEY4oCwAAsPagBW6detACfLjNABkqw9PX0oAcTxgGgBAG  
PbpSGIQS1Ah+CQBmgY0EkYPGKYg5xikAo7igBQRjnrTAQZJzmgBcAHFAAxwM  
9/SgBRjHegYhBDjGKBIU5wTkcUDA/MMH86ADqCDyfWgQolwFI+tACKT0oAXA  
7UDBhg8c8UCFwCmB3oAQE447daADOTxQAqgHrQMqY5oEK+TjAP5UAXSol4Gf  
agGIBuzg4x2oCwmAOKAFAJGO1AAOmGPFACINpz1oCwh2k9wKAHDAGAMikFhB  
6AYFMYo4agQZyeRQAakk8ZA70AKGz2/E0ABwR9KBgSQBjHPagQAUAKfIGMda  
AEwSOfo0AGBwMD65oAQuNhA6+IACj7m0jrQMCCBnv6UCAZzwaAHDgf1oACAE  
+KAGjoefrQAdVwRxQAKMngZ9qAEBJbGMCgBSpBPUUAlcBfegBASGwB+NADjg  
YOBQAY9OBmgBcDPHPQADHfrQAmCecdkAF6DmgYmTnnoaQAdoPGRTEK2NnA59  
aAAYAyBQA08EHH1FADsHGSMdtzQAA+IAxcAD1oEMAZnigBwBzwBigAxAyLUA  
HGOMAAdaDjt9aAsB6dDikMUHigAzgcigAXPpxQAY9KYglwOpoACc8jt60ABx  
jpQAHgUAJjnNAAC+IAAQuKAAc9ulABnuDQAHPpxQApA6HpQFhCB26UAGeSM

UAlcN1oAOBjvQAvHc49qADp0oACOemM0AN780AAIH07UAKMkc0AJ074oAXJN  
AXEII6UAL1GDQAbcDPFACYB/CgAzntQAP1+WgAzkAY60AKg2uTis5o0gSgZF  
ZmoUAGKYB+ApAGMHmgAJFADd3oKAAMT2oAPrQAmATQAEZ60gAADtQAufSmAl  
AAaACgAoAQn0oAbkmlYAxkUwDgUALn0FABz60AJgUgDFABigApAGKAAimAnF  
ACZFAcZoAiQ810GJlzEkhTjPUimrALcvAwUxo8e0EMCep7d/rQ/IlkajOMnq  
OnpR6isDKAwB70AKCuzAGSDj6UADEAgfrQAoAl46+9ADSuOe/egBT8wyDyOt  
AACNncNQA4Jt5JH4UABAJIH4UAAAUCdmgBRggmgAxjg9+IAC4wMzZQAucDA  
HJoGIDtHP50hDR04oAAQSQR9DTAUyHakMONue/pTFYQflmgBevv7igAxnqKA  
FU5H0oADyQRwR+tABkZwVNADsZHtQAmOcCkMcAN2evqBTACApynT0NACEggB  
eKAAe2fegBT8r4PegQgySQKABMYIxz60AOAxjgWgBMA8gUAG/lxnpQAK2Mr  
nHvQMRsAcHLGgQEMBkjigA69DQA7B4/rQAAyHXn0loARtv0NACKMCKAuCp4y  
BTACwHNAAHyc8YoAUggEjvQAJYlWpZoAXGQB+dAB1PI4oAEBbPPToKAEHPfm  
gBW+U8nOe1ABjc2DwO+KBi5CnGMCgQ3POPTvQApP8XrQMTqeoXQlcTgZHIHr  
QAgKngv+mKBhjK9ck9qBCJypLEYFABg53LkD0oAUgj8aAEVjnB6UgAcMc8im  
A4ABsj8KAsJgJO4YFACFiT06DvxQA9eQOMUAIDk5HbvQAH1BoGIGzjJz7UCF  
UAnJGPagLDgM8DpQA3gDgcd6AAAEIACg5BAoAToMUgAnJxQMqNp4UxCj0oG  
DD0FAg6igAzxxQAEgEH0oACQeRwKQwxnGKAFwcD+tMQvI60AleT6fSgBD046  
0AA9KAEyT06UAKOBigBeaAE5BzQAvfkyoAQ5B+tAABn29qADgDOPpQA0njOO  
tABk59qAFHWgBWwDigBMAj+IACDk4oATBBBoAGJPU/IQAo5BzQAnHagBScEc8  
UAJuBPSgBGODQDFRuOe1AC4B70ABABwBxQAM2BjH40AIOQD60AgwAT3oAQgc  
betACjlcAnOaiRcSf2rI2D6UAISB1oAQtnpQAhBNIAAAHFAC/hTAQ0FAAAa  
CgAoAKAA4HWkA3cKADJ7UANIJPJ/KgBduOx/GgA2n1ouAuBQAYoASgYYoELi  
kAIABkUAITQAZNACdaAEwKYBxQAhnAEI4AxXQYj1PoOTTEIAehGRQSGDvyBi  
gLAPfOTQAU1UOec0AHDkluCOgoAFJ7dR1oAXeGGSPpQAjCJuHGAsPOMAcfW  
gBpPDDuOnvQAq4KjOAaAsISQeOaAHZHUdaAEHXHSgLDsge9IAzjrQMB854pi  
HOECALkN3zQNkfPpSEKCSmCvXvQAoAl9x2pgNPvx7UAOByMAYoAFJPODgUAA  
AxQAqjt3oAAzdCKAuKMH73SgBo4JwMD1NACg89MUAKeSMN+HrQAnJbpigBc4  
GMnNAxQRjnn6UBoJkKeQRmgQAdzxQAE84oAUE44HAoAQ5PuKAFK4UZoAQkdh  
mgAckp7DrQAYyvTFACrkn5ieKAA9euRQAvGOB+NACZP4UACsVGD0NAABt6jl  
96AAjfx0FADhkjacfWgBoJPHagAxjnt3oAcPbnPagAVRyW49qADK9I/GgAAX  
OccnvQA4juPzNIYxmOM4/CmlVcqOMGgBDhjQAEAHjFACgBs7jjHSgYgOR0/O  
gQp549fSgBCABigdhQwPGc0CsITigBAO+ce1AAQOMZoAeBz1980AA5Bz0oAa  
AGbaxwR0oATJAIXSAMADANMYvtigQEfwgBQOORzQApKhcAmgBBhRg5oAUZwR  
jr3oAaBjpQA4gEZoAaMUAOIGOmKBiZx6UCEJI4oGGPQ0CEw3fNADs4HSgBRn  
HTigBOO2aBik8DjpQICeRQAajByDn2oAAd3tQAZB9qAEIA6UAAyPpQCFJOf6  
UhiEk9DQAc9c0CDvwPzpgHIPGORQAHggDpQAuM0ANbJIBFACgc4xQAm30oAM  
HrQA1iegpAKpyKYCZBPFAAQcZ7UALwMehoAOtAB064/CgBCMduDQAEZXHSgA  
ACnk/IQAHjPzQAhOSCR07UAKoz7CgAK5bnoe9ADSgByDQCQ4ZDAipkVEmBGO  
tYm6G7iTjGKAF2j0oAO1ABRcAzQAUFABigAoAQii4CFsdBSuFhpdu2KLglB  
nr+tAC4x6ChgKAuM0gsAPHFAwzQAZFAGJoAM0AGfagBMmgA5osAmOf8AGiwB  
xTAKBiE0CEpAJmmAGiwCcdKAleh44roOe44H0piYc84PNADhwOeTQAnOcmgB  
SSSCKAAMVJHXnrQAZwTjv1oAVcZA/SgBdvQHoO1ADWGW46UABGDigB3ygDig  
AUA9RQAowOB2oACOC9qAEGOooADyORigBR8ozikAMc4pgKMDIzQAhGRxQAoA  
GBQAZBHloADjtQAuSqexoARSAfagYpBXkdTQlaSSRQA8DjHrQA0ZAwT9KAAf  
N0oAcCc80AlzFcYoAUEYH1pDDnJI5ApiEDkkg8UBcXjGDkg0ACKAMH71ACgN  
nHH4UACjK4z35oAABtlzxQAKAADQaj/+OmgAlwOuRQAB2I4oGLJP4UCEVsrG  
/lQApBDDdx6UALxxknmgBvVznkds0AOPQ7cBaAEGMcDNACoBt9c9vSgAYZAU  
H60AKSRwKABDK8fjQAZ5xigBTgdD+AOGHUZZkellBMjNMBRZHQCcGQ5doOS

KAEBDMc8CgBDwMY60AOUE2BQAZA7ZoARgSvbB60AB+6B6UAIBmgAI77eKABQ  
cdaAFyR/DQAoOTxxSAXHI4pgl3y+47+1AANvoM0AGO/SgAOQRk5B70AKQE+6  
c/WgBGGMZ70AGPmHegBep460AID82DQAHj1oABlCgUALntnHtQAnX/GgAPsK  
BiZJ6ADFAhw5HtSATGOKYDgCRQMaDg9jQIXAPegBSR070AAB7CgBAvrgUAHA  
4P50ALjHpQA3IHxj3pAL8vBzn3oAD0pgBYHA2ke9ACHGaAFBBJ559KAG98Cg  
BSSB0oAQHnmgBeDyBigBOc8UgFJwKYDM5/8ArUAHfHpQA4HnaF60AIQSelAA  
BkYPegBCCvGfxoCwAZOB3oAXAA5PSgAz2oAQqMCgBU4JXjigAYfL70AAGDgU  
AGTjGOKAEGR2GKAGs3PFJllmQKQDjOayaNoj/oKkYhoATFABgUAKBQAcUAIW  
9AaAGk0AGPekMTjtQIMUWAUcdqAEoAADFFgEK+gosAAUgFwO9ABTAKADNABm  
kAhNOwCZoAM0AJmgBM57UgAn2pglTQAIAXKYg70gGkAgmuk5gVsLjFADUJAO  
fzoBDllxk8mgBRtY4zkd8UBYBgHg/h6UAGed3rQAHPFADIOTgUADH5ffNAA  
pxxxQAjdjinvQAAZGBxQA8MQMHv60ADgEcD8qADI2YA+tACEHAI6UAAPZqQC  
7jt29qYCKQB7jpQAKN3PegByjBoAa+Qc0AA5HSgB2STj0oARiVbj8qAFG1uG  
4z0oADITQAEFjuPIHagBeew/CgBSRjPWgBuO/agBcgigBDknpQAqc5xxigBQ  
MDmgBdoYDA5/nQA3O47evtQAq7ehyMUAGzJxulFAAoOCBjj1oAVQNnTBoAQH  
GcDJ9KAHYyCSuCe1ADRk8GgBQCvSgA3Db0Oc0ACEZ7Z9aADOeo3Y70ALtLDj  
j60AJuAwM8d8UALgkf0oABxhcdT1oCw5iMnBNADcYHH1JoAUAdc0ANRfkz3o  
AcQD98n60Alvy4oAQhvoM0AOYYYHrQAmepoARsLjkk+9ACgAjOQDQAHn/GgB  
SPlwSR7igA4xQAAYOMbsjtQALwDjk0AC5lweO9ADQSwKnprnigB2ABnGBQAcE  
YWgBM9u/rQAPHOD0NABgE7c4oAMD146cZoAUK5xQMD6EfjSElcmcbc0AKSvG  
R+FMAPaz2oATGfu8GkAuOOvNADQxJwaAFoGLjv6UxCMedgZoAB9360AHQeIA  
AACvXFAC5GMD8aAAgKRigAIGOKAAqcjigBc8Yxg0AALEYwPrQA0jvzzQAEZ4  
NAC42gHPBoGGex6UAAAu+xouFgHt0eIO5J/CgBV59BQAYyTxQAhxQAmCD7U  
AGeQMUDF6HpxQIMfIQAgB5oAAeOABQAmTmgLDgVI4oCwcYxnFADSwA6UAIeR  
wDQAig5GKAH5ABUigBpIFAC54+tACEdMde9AApww44oAHwp4P0NAWAvn8aAA  
MMYzQCGkAdxSY0h8RySo/CoaNYk3TrxWZaGllH/1qQxMn0oAUEnoKBC896YC  
Zx2NABz2oAQg0gDbQAuBRYBMAUAGaADNACUDCgBM0CEyKADNABn2oGFAGoAT  
mgANACUAJxQAUDDmgQIKwBTATFFwDigCIDPSuk5h5GB9KAGg9ugNAD1AK47+  
tACLgcHt6d6AE4zwMGgBWytN GKADGBmgAxjoKAAAY96ADaQaAHbw1ACKGOc  
DpQAcsM9+1AC7j0oABwegxQAfw4HrQAAA/eHFAABxg9KAsO+7QAD5cZ6H0oA  
XOBjtQA1+Rn9KAAEr0oAUkEcDn1oATvQAHJGAOPWgAzkD1HegBTwvB69RQAq  
/ex+IACqAM5H0oAMjpigAAGcKKABgw645oAFAX1oAMZzjgUAKMkADoKABQFb  
OKAGkENgjGaAQ4EjhhQAHPtj0xQA4LjLHtQFhFA3Z6fSgLDgxUnv6UBcbwfv  
cUAKfl5B49TQMqk5yB9c0CEBzzjH0oAUHac460ABJ3YPNAAOBnAxQAFjjAFA  
XFBLNwOaQB1GCfypgAbaSMUAAwSBkc0AJjD4J4x2oACcrxwfQ0AKMHqBQAHL  
E45xQApAHqcd6AADn2oATB9KADk8YxQADkc9KAHDB7fjQA3pQA4YFILBgE5w  
fwpgKSCccigBuT0HT3oAAT0/SgBy7SD2xQFhCARwQKAAHJxQAueMH86AAHjF  
AARxk96AA/N7UXAQZzgcYoAUHkqevrSAamSuG69DTAdk8Y/KgAHHOetAASCO  
B0oCwHBHAWKAE5I4oATBxkflQAowMHFAAOSc9O1IYE/ITEGOMgZzQAZOcNQA  
uP1oAMc9cCgAYEc8UAAOe3HpQAuD9BQAHPHAoAUISMHPQAHHbtQAZxQAHHBOO  
woAUkdO9ACAHGKAHYxxSATI6ZpgGcd80AJjPTFABg0AKOmKAEJwfT3oAMA96  
AE2nHTigBMAjjigBBx3/AAoAQakigB+05zQAmQOAKADnFABjIwcUAGOMGgAA  
2nNAB1oAMAmgBNo6AUANKgUAMZcjipaKTBSUIbOMVLRszywn97d9KzZrceF9  
AcUWC4u0UABAoATAHQUALQAmACgBMigBM0gEJFACA0AG4UAGaAEJPPQAUGe  
xTAWgYD6UxB0pAFACUDDFIQYApGKQCcU7AIT7UAITmgLBmgBDQAnNOwDOi8  
Diug5rDg+eDwKAuNU8kAd+KAHAIAcjmgaXbjPrQAMCUA70BYGUj2oAFJzkgY  
x0oACfQ80AJ0weuf0oAcSfagA24NAWFyQeD14oATgADtQA44xyMGkADGOaYW  
ADjppQAoOeOgoAQnnAHBoAUscYxQFxFxgA5oAXIFACZU8DNACfQUAKgAXGet



AAQQcCgLCjI4oACuWwO9AWDFxtwOtlBw+Y5A6UwBsFCc4x0FADU6UAhSGB+t  
ADvmxg9DQFwwAQOoPX2oCwcAYH86ADJXHqQAjHPQ/LQAooKcDn60AGVCYyd1  
ACk4UKOTjmgAHAeAcikAm0g8557UxASM4YdKBiZUngUCEwxGCO/SgBz/ADAc  
9KAY1TkYPT0oBACM47UALjI7H3oAUEY4HPvQMacsQB360CHKSOccj9aAHDrn  
gZ9KAEIw5PWgLDtBzj8KAFzjk5aAA4LkCgBDjJPRewFABkY4oAQNnA9KA  
HBgeAMH1NACLkDFADsjbwOaAAAY96ADcwJyMelAwYADJ5P8AOgQijHWgBMHk  
5OaAHckY6UgAjOOoNMBSMHGPxoAAOMCgBpAzjHSgLAwZgACgAz7UDHDAGT3o  
EDEEYGcUAIM0gFXBb0FMBTkaGyZ60ANDH+7+NACgcelAABxZwaAEAAGR1/nQ  
AoHqKAG9D0wKAFH6UAKOFx1FACY+X0NAAQT3GPSgAK9BmgLAfm+o6UACnset  
AC5GORx60AB547etACEEnOo/rQAOJxg9DSAXtxQAwqS3FMBe+KAHbeOTQMQjk  
UCA8Dp+NAACDQAuMDrmgBrACgBAcdRQAuM98UAKTQAgl9MUBYXtwM5oAQuo+  
IAWDdnvxQAmBnmgbHIJwvJJ60ADEj5cUABLYAPHpQAmCD0oAUjH40AJgE/1F  
AABt70AKTjoaAG5OeeKAHA8YGPxoAQMc5zQAEJ96AGc5wDikMmSJCASmN3r  
OTNYofjaOAB7CoLQbjigAD5pAJuOelAASeGFMBCSOtlBM8cCgApgHJoAQjil  
YAxRYAxTAKACgAyBQAcUgEyBQAEmiwCdTzQAGgBMmgAzzQAE/hQAGgBuaACg  
AoADQAIxUxCUAM7Y7V0HMNcEHgfgaAFY4wAMD1oAATgjPFACkdO49KAsKA  
2SMdKABm3HAH5UAJkkcUAOG0DigEuwiAhjkjAoBeYdSSKAA5J9qAE+6eKAJF  
G44GKAGk4JGMfWgAHTBH40APUEjHSgBhyDigBwBxmgBR16cUAITzwPpQAqgn  
qMmgBuCG9KADJDEAUAlj5cH86AYinnHegEPK/NycCgBQARxQAiHD4IoAM4OM  
deuKAHEYHA49aAGYwMCgB2MjBNAaOycZx7UALg44oAFOVOACfWgAUkjgZoBi  
DOc8fSgBctkUAKGzyQDigBoIJODx60AOBBUdRSGIOck5PpTABn8DQINhzhj9  
MUAHzb9p/CgABY20dR1NACleCB3oCw0dfXFAC87cdCaADPQL1oCwFvm4HTrm  
gAYFSACCPWgAzyfloACv8WefSgBTwAtigAJxQAY4wOnWgAA4G4cGgBCOpHQf  
rQAOAYZFABwCORz3oAGBzhcc0AKNwGCPxoAVevyilYBGz6c0wAcA8kGgBAOz  
HmgAyV+WgBRnPI/GgBd2SAelACZxx1NACDJGDQApXHagBNoxwcUALkHrnNAC  
5z+FAC7RkEdO9AWEAIPFAAxwFagBAQaAEJ9OIAcJGpm4oAUEAetACjaBQAHO  
R8ooAG5xQAjE+nFADSMkH0oAcTkYxx60AJjGOcUAO29MHNIYpJ6bcUxckAdO  
9ACE/KM/kKBjcZPAwPSgQq8HGKADAYe9AAAAMCkAEdKAFIwOOaYCAE9R0osA  
vXtQafkBQAYyFagBpHB9KAGhjn2oAXPI5zQA5vmxgYoAQr2oARRjqeaADo3B  
x70ANYZOM5oAVVx1FAC5AHFACZyeoFABuAGD19aABsgdR9KAewe2fxoACh4y  
c0AISQQO1ADuvSgAONuMc0AJjoaAA4/+tQAMvO5fyoAOf7pFAEZ47UmUTwN+  
6HHQ1I1iSZFTcqwZFACZoaKLGbXQAhOKADOKAEJouFhKADPtQamaWoBmgBM  
GmFxcUWAMUAJj60AGBSAQ0wDFABj2oAMe2KQBj2oAPpQAIACGgBKYBjNIAXQ  
AUwEJA70WAQMCEBQA1untXQcwoG5sd6AGsckDHSkAh4IApgx6kAc0Alp+Y/y  
oAXG5iw4z2FIBFXjlpGOG0/LjigAYccHigLCjgcCgBAQTyOKAHMwl6CgBm4A  
8DGe4oAcwzj09aAEzg4NADiTmgBGOSB0A70ALJA5NAApONoHBoAMkYXBIPeg  
BQcHFACk80AIS09ABkHqKAExzkfHQFgYmgBRnGQRQAoB78UAKRtP9aAEPXGc  
0AKM5wKAFABB9aBgFGMZ4HegBBycdBQIAAp46UAKpAHHFIA4z9aYcG9A98Y9a  
AsGCenTvQA3gHA4oABnJHUdjQAoIHH86AAfMcdB7UAKRj5Tz70ANznjkMOIA  
ChQTzxQAYKnHSgBwAHtQAnUdOexoAaRscD1oGOyMZxzQIReRgHnvQAA/Ngni  
gBxXjPYUAIldpIhb3oAtaAf6UAOGAcMKAUEEH1FACIT1A4oAADjg4oDQaMZwe  
KAHAD+1AAM7uuBQAHCnA70ADMxlxQAuCWwf0oAMDpxxQA35s/MMelABYOMnP  
pQApwMYP4UBYMZYngcUAHbGKAFUEdW4pDEHzAkHIHQ0xAB8u786AAEAZFAcN  
J5H5UAH6/WgBMEjJ/KgBcKQD0+IAWBTg4oAQ88daAEHXGKADZk46UAKUx04o  
ANp7nNACjirmgAA74NAAO49aADAHOKAAZPTAoAUgkdOaAEJyOafrQAA54lwf  
WgAAA4ByaAFHOOKAAkZwO1AAPIGcdaAAHmgBSPTigBoODzx6UAKTk+IAC4U/  
4UANII6DFAABkcmgBpGcYxQFhQvPFACtgdaQArHPFMBDg9RQAhBHTv1oAVUx  
1oAQjBzmgLAQCKAGlfzoACD0IoACuOefxoAUk464oAbux70BcTqaAFBKntz2

oAce3GB7UAA4zz+FADO/FACrk/hQA7JP/wBegBpXOKQ0SQZ2HHY1n1gPz7V  
JYUgEwKADigA6UABFACYI7UAGPagAlOATFACUAHHPQAuaADIFACA+IABkUAJ  
n2oAKQwz6UCEzQAtACUABAoAOKAEz7UXAQkCmAmR2osAfMR0wPeiwCbc9yaL  
gKEA5x+dABkdsUARluPr0roOYbgbAjg0AA44Oc0AOK7ccjPegBQFJyaAAbfp  
QAgGAOc0AKeSABx7UAB4PTFADtwAFADWBPKmgBNx4B4oAUjFAB1OOIADjxx2  
NAACMY70AJg7uvHrQAMCotAABnrQBIPyAD2oAQnBwaAEyR06UAGTnmGLwxG  
APxoAQ5J5HSgAJwMY5NACgDPI4oAUAZznAoAUHHyivQMCcAZ6UCAYzn8qAAD  
DE4/KgBuSTknj0oBChiRwOKQxQcc4pisKoJO48CgBGBJyuOeooAAcDODxQAp  
O5QdvXrigYAgcUCDGDkUALweDwKAAAYwenrQAhABwjcUAABJ5oAUyB6H60AI  
VwNwOc0ALgnnPA7UABAPHagLBjnC0AAGD8w59aAEC5J+bmglCqO350AIMEEnP  
4UAKMA4PQ96ADODz9BQA4h4IFACgcnJ49qADgjhSgBQcHjPQAHLwoOB60ANbB  
UkjkUAC5OF6DtQAvfaR+loADg8DJoAVWCjHU+9IAwT1/IUwFCZzgYoAQ84H8  
Q60AKxHGBj3oAOAcDn3oAMfMSRigAHPBGPegBOBwwzQAplUfdwKAAgbcetIB  
AOw7UwHKc9sUAlcr15FACNkYx3oAM4HI/KgBTgjcM49KABSOWxQAEc59aABj  
jt+NACH5hgDn1oAUqAcfpSAUZGBTAEk0AHU8flQAgJwcHpQAuelAxe2M9aA  
BTtOByPegBCOaQCj8KLisAIPf6UwGjk8/jQA7nHHSgBCf0oGKOeaBARnHFAC  
kH06UANxkk/IQAmccnP1oAXaCMjtQAnTvigBMnPX8aAHEEn2pANAPrimAhBbp  
QAoyOhoAUDNADWABwenrQAMwHAFACEnGcUAJgkdaAFH3efzoARfmPNADjtB6  
c0AJ90dqAAZNACt8oHGRQA1sk5xQAoAz+FAC9Dj1oCwMuTxQBGQQ2KVhksLY  
yv45qGi4kuRWZqGRQAmRQAZoAM0AJmgAoAQ0AJnNABQamaADNABmgA4NACcU  
ABNAAKACgBPwosAZpAFMApANLKKAE56LTAME9T+VAChB1P60AOyAOBQAEEO  
AJnjikAmM9aYAAB2pWAhwCOe3Suk5hVOFoACSW6UAHOfRQAZwOR+NACDp1oA  
Rhx3oAeox7UAgOc9aAsAx3oAAcnjgUBcGHfvQA5RnrQANgnAzQAcjgigAAA6  
0BYFPPINAA5JI44HegBB0z2oABkkE0ASfKetIYDgentTEIRnGAcUAAwCRigA  
Az+HagBwAJzgdKAsICD04oAXHPGBQAhyOuDn0oC4qksMdMetAC/MARjPvQAm  
SMEGgAAHUmkMD8qkAUxAqjrrQAoxjpQAgKk4wcUAKwyRigA3Y4GRSACO5H40  
wDg9M4oAAD0zQArHOPSgBoXJwDxQAoHykEUAABB2k9aAA53bAB9aAFJxj2oA  
XIIyR+AoAQ/eOPyoADnGO1AAM/Q9qAEBBOBwaAFJlyNoFAAGyME/nQADkY9K  
AF6jAoAAAac/hQA1CTyy8elACk+2aAF29MCgBCePIHPfNAAcnA9P0oCwq4Uc  
9aAF2jfkHAoAQ4ALDtQApJ4J70AJjBOcketACYJwy8D0NADvutx3oAB1+boa  
QWFAJOdwwO1ADSSSR+VMBTgY5+agBCCBx+tACK2Tg84oAeR05oAaCACF6e/W  
gAIJTGeaAAEbc+IABnkCgBehGKAFYA/MP0oAQfL96gAwCMkcGgBVAGR+VACb  
SD1oAG980AAAj7Uhi8A4PPuKYhTxk8UDEwO/WgAOBikITnOSvA70wEPJzn8K  
AEAlPHegBSMLjFAAPIPrSGOzITjigAlyBTENGQKAF3EjjigBQTigBQc9cAU  
AlaQABj8aYCFzxn1oAbjFAB9entQAFsgBODxjFACHrQAvQdSDQAgO5gM0AH  
JOomKAFAlOKAEYECgAzkj070AAC9B1oACPwoACB2oAVeAaAEDcjPT0oAVipP  
ygigBAuOtACjBOemOIAcAHHAoAG5NAAh2tUSRpEIDe1ZM1Qm724+IFwE3e1A  
ASfSgBpz9KAuLyaLAI2R3osAgZvSlqAAATAXNACHpQAc9O1FgAk9KVgEJPpQ  
MAQR2FAhc4FABkU7gHWIYA3AU7ANL9gCaAFIbHOB7UAIF7sc+1IBCAtgAAUA  
O6cUwFGB1oADz9KQBnHSgBMZ65pgLjFACZ9KAepDIBxXRc5Rc5OM8UwFOF4P  
FACHhjGPxosFxp5OO1AXFZMDAPNAWDIyAeB60AKxG7A/WgNAwOpoAUncgYoA  
FI5wOtABj9KABjnGODQld0GaBiAEuWz9KAEB5waAHrgDAOaAG8k4FAWFGQMC  
gLBlgMDFACfNtwT9KAFBOMMPxoAUg4BX8RQANnPHSgAHBPvQAFiuAwxnpQAo  
DA9RigBCcnrQMUnGMigQuMtkn8aAAHB55FAxDye4pAHGOSRTAXIIwaBCnOAK  
BikAcZ60ANJwMUCDaD/figBSASMEUALuBGMUAIEKrpB9KADkcdqAEYE9KAF  
UEg84xQAKFK9efSgAxxg8Zx3zQAuBnigAYfLhj+NACI2B2/GgBTjOB+dA7ASU  
ODQICeQSKB2EIUKFRgjrQIDkHHrQADB46UAOVc/KfwoCwmAo5BoAGwclQAAY  
PHPtSAPmzxwDTAdu2nJ4oAaDlic9e1ACdW64x+tAClgVGRjHpQAv3hjPFACD



IXA6CgBwGRyaAAEMepwPWgBSRyB1oATAAHP4UAHIAOOtAASR2x6UAAIPQc0A  
GATkj8KAEJ5IGQPegBcdwcUAJkg8fnQAKM8/zoAUkDDCgLAAD14zQAgwDyOI  
AC/KcUAIBknP5UAKVBxxQAoBxQFgPJ6UAA4NIYhwW6nFACADsOKYhQRtxQFg  
wMZ7elAACD2PsTQAAduwoAM9ulACZ/GgYEsSP0osiXHGT3pALxQAjEAcCmAo  
IPTigBeB1NACEgCgYKR3oAM/NjHFAhCchBOaQWEJP4etACYwcA4zTAXBHagA  
lweSMUAITjKA/WgBQd3Xj3oAaB78UABYYxjpQAgODwKAAY696AFLY6UAIrZo  
AViD7GgBoznloCwpPHA/GgAQjb0oAMZ+vtQALgDmgBVllyBQANQAm7pxxQAr  
EjntQAhb1GaQDvJDfWky0WVIl5rNmqa4NIYnA7UAJkellLbX3FABxTAQgUAJ  
gUAGMmgAlFIaWPSmAYHakA3GaADbigBCBRoA0GkA5cn2HvRYBDktgH8qYD+E  
GcCgBowWLNxQAdTk9OwoAQsTwBxQAEEcAUgFAX6UwDGOooAM5P8AhQAdKAEEz  
SAMUwAn0oATBNICuprpOYXBzu6ZoAawyc5zQAuGJG7tQA5DuyDwBQAHlIHag  
BPI34xxQA4hQct2oAVeeR09DQAhlyO5FACknHAXQAleaAFJzxigAXqf0oAco  
APzdKAEGATjofWgAZV7UBYU4xkHFFguAz2oAcCAOQKAAHJoAMkd+nQUAAbJ4  
oAP4uBmgBMZPFAAwYRnigBWzjGfyoAViAoBXmgBAvTFACA8n096AHAAAnB6UD  
DGG46e9ACg5BU8CgAXJAGM46e1ArAck4NAwPA6fjQAhhJwePagQpwOOIACDi  
gAUk8DpQApzuABI9aAFyV6GgYpx0x170CsNYFCD/AA0ADH+IAD2FAAhOOeKA  
HAnHHNIBpbAwR+NMBcEnPH0oATAzzwRQAoPtxQAbgQcUDDG0jrZQIME9TnHp  
QAh6AZ4NACHSFz1ApWGActw3FMQFs8ADjvQAp4YZOAR2oAOpX0B6UAID1Hp1  
oARmHQDFACgEDlloATo2DmgB33jxxigYoIl27frQKwoAl44oATkEnqBQAirn  
n9KAHADvQFhM54xkDoaADlx8350ANVuer1oAXkt8pxQAoGQQRn3oAHOQB296  
AEGQcccUAK3PQdetAAQAMUACk55WgAzk9sUAldoI44oAcMc5IFAAW29Rx60h  
gG9CKYgYnIl4oAMEjp+NIYgwTjFMQp6cHFADVYYNACHS/wCFAARkZoAAcjk0  
BYFIL+/rSAQjBoAVh2pgAJ24HUd6AAg7c5FACdF/rQA4kDpzQAmMj2oATGD7  
UAKDyM9KAEZiGxt+hoAXBK5796AG9eM4xQA8frQA05zigBpBDHOaAA8Dg/hQ  
ABxjGPrQFgJBHHSgBOB05oAUc9aADOQQaAEBGRigBc4OelACcE5z9aAAsM4I  
4HpQAAqe2AfWgAGAEo1AWFYk8j9KAFK9Cwx6AUAIAVOMYoAGAOMcUgYD5RzT  
AOCO9ADWlz7UhiqACCaUikTBh2HFZM2Qvb/CkAhFACUrdjDH4UCDFABimAIAB  
QAZ7YoAQ0AGQO9FwE+8MqMj1pgNG49Tx7UgAgHjFAA3AwOKAAAnau1e9FwFC7  
RyaAEwCcngUgDqfagAY54FABgdBQAo9MUWAOn1pgJ7mgAJ9KLoAxigBM+IFw  
sGPU0AGfSgBvJ60AQ5GMCug5hSQT1pANUYbg5phceTubOKAAjGMcUAIeX46U  
AKQAEIAC7QRzzQALgDB4NAWF4I6YxQAind24oAMHPFACqcH2oAMfNxAQpPPI  
oAUgEdKAExQA4AAcJ8aAFI6YPhtQAmwN1NACqCKAAk7hwMUAOWM5K0AJkDjF  
ADSSOSMUADZJAPSgB5KhRgc0BYTG4dM0AAI7ZBoAASOvftQAKwB54oGKSTj+  
7QIQ9eDmgAGVPPf0oACcnmgBSRjOOnSgAYglf60AAIJIP4UAGOMUAG0gZxx6  
0AI3TgEfjQAqFqhBH0oAEBxjP50DHBhyOtAhuACMjGOIAIHOSOTjvQA7jb8t  
lYmGwMd6YgB4wcZoGICQeeTQIOM8jNIBcKOnU0wA5PBwfpQANhcAd+9ADcc4  
FADI+7nPTtSGDYB4xzTEKew/X0oAQYHuP50AISGPAIx0oAVdwznPv70ADFcy  
PPtQAqgYoAb7GgLCkd6AF+Yc9PpQA4ZHOODQAA4J57d6ABeBgHn1oAQLhuaA  
FYAH0HtQAnRunGO9AC44A/hoAD1GOooATOBzQAuQSABQFhpB3YoAVvmHy9ut  
ABjilGaADOVHagBDgH0oABkqRxQAEgYoAVu2elACYH0FAACTwOaAFBwAP0oA  
TPPoaBjh05pCExxjFMAX3AoABg5HQjtQAnQc/kKAFBI528CgBM5OTRYAPy4w  
ePWgBR0+tIBAQOozQAFgRgCmAgJxgUAKAR3oAVsYyRQAqncB8v5UAB5HFACH  
sBxQAga7j8aAsGewpAGSFxigAwe4zTAQqD2waAExg80AAGOnSgBCoBoCwpPt  
igBN+AcigAUKVznmgABBOKAE68dqAFOPPHloATOelACgEAjjNADQSME0AODE  
5YUAAPr+FAC8AY9aAFPPBWgBBnJB4xQAjR55ByKAG4wRnixkoxQehFQ7Giu  
OAzg8is2aJi4x0JoAQkj1osAgc0gHak0wDmgBD78UANLDoDmgBpcltqj6mgA  
YbuM/IQA7H8IX60ADHJCjAA60AITjgH8qAEztOOpNAAcD60ACgdWNAAefYUA  
GM+uKQB14HSgBQPSgAPsaYADzgCi4AcCgBCCetABwOBSAMZoATlZgUXAMetP

UAxQAYAoAqBcMPTFdFzmsKM5oAeuQPagLBuyAcdaAuKMtyecUAGecgUAleSK  
AHDqBQFhG4YYoAXJzz19KAEHHQUAKuWzx+NACqOSCaAAA8nPSgAXnGBxQApJ  
5A4FACp8yn1oAVDmPB60AKMYyDigYKcDmgBQeeaBWDA65/CgYjZloEAWBk0A  
LjcO2KAey4wMde9ACgDkdKAsC8ZB+7/OgABBPTIHrQApw3PGfSgY1j8vAoEA  
OVxQAUny8UAGAvl696AFTkmgYm04xigQpOT83agAAUjAOKAsITnjNACktwuC  
KAF9u9ADVJUfMo+tAAxyaAFIXaQDzQAKQfvcUAJkelAC7goA9eooAXBYYDce  
IACEHOPSGbClJlz70BYQrgZGcUAKCOB270gAgFsLwDTCwgBBPegAyMzZQAmc  
D60ALgKOvPYGgAHI680ADLg/MQPQCgBM84HGKAFOGGAT9T2oAUoCvB5oCwgcg  
gUAKCCee1ACqCD1HPagAwd2DQAhYg4AoADluOgoAQkKdozmgBQccGkNBklcZ  
BoELkgAnvQAEZNMAB9aQAx6gDr3pgJgdqADHSgBxACcUAHQZoAT+H2oCwE8E  
Y6+tADcYAyeKAFlyOOg6igAYgfdH50AIGGMD8aAsLj5Rg9aABQRwaAHAHNA  
ARk560AICM9KAFJx06UgD6UAlcA9KYAc44HFAARnGBQAp44P5UAN6DAP4UgG  
7Tt3dqYBk5xQAUChzQAlaAHcE80ADdOOPpQABtoHOc0AGBuI/GgBOoPH0oAF  
HFAAM/IQAbielAxS4XgigQwsCeBQAoPagBtAB1HGAEHPagBWI6AcUAAPagA  
A4OP1oAQZ3AGgBSMHGPxoAToaAHDB44oCwgBzgfIQApAA75oAQHkGgBcn1/G  
gBBySc5PSgBclOAAEJIHIBzSY0SjBUelZSNoi4HapKEPHQZoaY2e9IBNw70  
DHBwOgpiGs56DAPDG5JoAXPOF60AABAwmZ7mmlUdMLz70ALkYwB9TQAHOBgU  
AJgDp1pAHA6HmMAyA5Y0AB9/yoAOD1GBSAOvsKAFwB7e1AB+gpgHXjoKADI6  
CkAmMc0wDr0pABwvQUABGep4oAB7cUWAMAdaYB9KADoaQFYE5HFdGhzCkDGC  
UwEKKLnsaAExkDJoAcp2jHY0AOyBwBQAgBwOPxoAMfNx0phYVgFwR1pANJO7  
5z16UAPAYOODQAikngUAIsc7SKAHDB4oAVfIOPSgBDnJxQAq88jgDtQGguRi  
gBV4oGL3oAXGRigBuME4oELyOfSgAGGPzUAIQQOOKAHZDAZoAaQVcY5B6+1A  
D2wRQAnyjoSKABAAOR170DAgAjB/CgQmAD3oAUajmgAPPY/WgBV2/wAQP4UB  
6Bg54PFABnHBFAASB0GPrQFhAN3loAVixNACbmoAD8w64oAcpwvIBoCwgYDk  
UAIQWxQA45xjJA6YFACFSQP50AOBXvxSATJHToaYCgcEZ60AJn5Men60DExk  
7se2BQIXG3jFADdxPSgBQp2+9AwK4470AG3PGfzoEAU9M9T1oANuW68dMmgA  
K5GRz7UAKmc4wB9aAAJ82O/pQAA4JwOnXNABtwc+tACj8KAFySOmPegAAx2z  
QAN0z+QoAQZ7gYoAdhenegLCYAOb19qAslQfegBQCaAEGe4oAevFAxM84oEA  
IAPpQFhAcjrxQAvUck49KAG7h0A4pABGMZ5oAccD3FACEA0wG9D0oAMDHoTQ  
ApAAFAC4G4YzQAuchB6UAISF49e9AAMDp1NAA3OMfjQAEjoePegBCD+dAapy  
KAFlyPSgBuM8YoAUoFHI5oAACAR/CaAEA9aAHDABHrQA1Rg4xigB2T07UDAA  
hgWOKBCnaTxgUAIPmb6UDAKA4oAAABxQITII4oAbkAYpBYAwzzyKBgFH0Bpi  
DAHGc/SgBAfwoAUEgEYFACEbeo4oAM0AAxgGgAIPXPxtQAgznqBQAoJ6DoaA  
EzXj0oAAQcY4PegBw4Bx3oATnPJoaXAPUUAHA47UAIAPQ0BYUhccCgBrkZ/n  
SGPQcdcVDaNIjtwB9azZohC5PAGKQDDnOTyadhjPWkAv6UAlf0oAbnPTpQA  
5RgcUAH4HHrQAo9BwKAA89Bx60CEHXApjDnotAgAA4xk0AHQ+9IAJwfegBQM  
nJosAuAKLAHfJ59qYB7mgBCSeBQAdPrSAMAcmgBMk9OBTAM84HNIAPFMAyT0  
GBQAcCgAzn2oAAOeaAKw54roOYeTtXFADcEjGaAE24XJoAFAJFACkNnPagBQ  
T26UAHINACnkUABOcA0AB+XOKABQwxgfjQAvQEGgAOCOO1AAGxIh6UAIMYzn  
nvQFhc4OAKAHZzkEYAcMEYoAXOBgc0AHGKBiD2oAUjK4Gc0CsNwQuOpoAXO  
Rz+FADMYppmgB4JC0ALgEYJoATlZ6mgBQG65z7UAAXd0bFAAMd6ABW5w34UA  
KCSOO1ACFgwyR9KAsLjHBbPtQAmSvloAT7x+Y80AOJwBgcUALyMAng0ABwBx  
QA1Dk4wBQAYBfn8aAHIAtgEE0BYQnBxQAZIPzDg96ADIP3T+NACA84Yc0AAG  
Pb60AG4dP/1UDFzgdM56e1Ah2/5eMUDG4zzQIQDBzQAmc8gHFACliRxyRSAB  
gj0PpTAXIBwOTQAEkkcUALxjgc+tAAMkgdPU0AIOHIPT1oAGwDx+NAC444/W  
gBPbvQA/BxQAEgnHakAhCE0wA7h05FACk859KQCHGNy8e1MBcgjB4NAARjrx  
SAASO2PrQA0HHPPrQFwWPoOaYC4OOn1oCwpxtz0oAYeGBBwKAFbbjgg+tAC5G  
QM5B60ABbGe9AxgJDDA496BCkZOQOR2oAVcBc9+9AC5xyMYoARgvY5oAMErn

j6UAKoblyOPWgBCQG5HTrQAhOSf7ooAD6E570AJkkYFAC4G339KAslCDx0pD  
HfcypHNAhM5FACgZ4x+NMABGcUAIISR2oATHqAaAaccUrAO5PemAhxjhQPcUA  
Lu9OPekAhKqMEZ96YCDIPrQAHrzxQAbQaAADJAx60AKQcEYABoAMAcjigBu  
3PQ0ADDpQFg387QcgUAlw+IAApI6fIQAEIj6e1ABt6YoAAuCaAGtkMKAG7ea  
AHL6GgBQeh7UALjv2oANoVsg8eIAWEfqMUA5FACHlqQ0OA4rOSNo2AA5qLF  
ilcdaAClqAme9AATnoM0WAMAn5jn2FABkf8A1hQAuPWmAHHf8qQCZ9eBQAp4  
GTwKYhOSPQUAL+gpAj04oAOO1ACgUAL04ApgGfQD60AKeKAG4z1OBQAvXp0  
pAISB0GaYCY/vHPsKADBPskQBn0pgHHegA+goAPwoATdQFhOT3pXAg6NxXTc  
5gJy/PagB2R0A/GgBysOgFAERG3JX1oAeQdo4oCw0ZBHFADnJxk0AC5K4oAX  
A3Z6etAAOTQFhVBx9KAHjJBllx70glI546A0wFAA460AKgJ5A/CgB643HlxQ  
AmSaAAAnP3TQCQ4Yz1+tAw3ZXp9KBCA47UDDJ3cHikAE8cHNMTF560AAA1560  
AAOexAoACCT7UBYCvoaAHcKMmgBFGCTQAD5TkD2oAFxtxjNAB2xmgA2gjl4  
oAXjIPWgBS4PagBrAOOBIGAVjjGMgUhgjcgJpgBGQOaBCYAOb270Alxx1B5o  
AeRgD3oAay7nGDzQA5SCdvX2pAIMA7Qe9MBDg9jx3oAMclse3NAAFG0j1oAT  
BzjmgBVUITxQAoYEYFIYhIAX3oACHC7e1MQLlCDHXvSAApLHb2pgO2kcigBR  
hj6GgLDQTKjoKAA+xOaAHDJoAQj0FAB1A5pAICckelMBwz36UACnbk0ACgd+  
BQAakNg9D3oAXAxdmgAJwpoAaBxycGgAlYotADh90UAICCCZoAUnAwKAew2  
MN39aADJxtPSkADHoKYWEwME9f6UAGQQMdqQCMcnOKYXFAZh0oAcBQAcYOOg  
oAQEEHK0AKBx6UAJjPAH40ABLlEEFNABkZOOc0AJkk7QucUAIPvHPBFAC4wO  
Dg0AlckigBcZGMfjQAhBYfSgB/BTHegBoJI96AAAdSCKAFbgdeD+IACHAH1o  
AULnnigLDVpJ/IQAuMnigBCNoxQA5emetAATnjFACEA0ANBPTtQA7JC4FADS  
SME80WC4Kcnk0AK2ABtJz3oAbgk56g0AGABxigLDS0oAAaAHZyeaAAZHTkU  
ABP50AB5A3dqAEwGGOM+tAaPAPNADiwlwBQAhJKgdMUAGQeooAQR78dqAsIM  
A0AOyGbjFIYDjvWcmbQDcO5/Ksywl9AadgDB7nFABtA6DP1pALz/APWpgGAB  
g8ewpAKB7YFACcduaAENAAMfU0AHTnqaYhT780AHA6n8KADr2/CkAoAHbFMB  
cY68UAH8qAEB9BQAHiGANIBCT34FAAOegwKAA8dBmgBOO9ABz9KAA4FABk9q  
AEx6mgBOnQUAHJoAhBHXuK6TmEB3E0AGSB2xQA5ePpQAZB6UAC7T3JoBIUNg  
7TQANzgfwigBVAwT2+tACMduM85oACM5PQD0oAVOVIP4UALjHJHb0oARycen  
0oAkUc5I4AoADwN2cD0FAACCQR+dADdxPPFACr06UAP+7z0FAB0AloAGHegB  
o/WgByjjFAAWwBgd6AEySc9PrQAp5A9PWgBc4PHAoAQcH0zQA7GRQAEbTjrQ  
AdEI5z2oAB2z+IACDvxxQAqBdvP4UABHHGOKADBA4Az70AGMDBAz7UAIOW9K  
BjiGPfAoEJzjkjNACg8CgBCdxxQA7PGCPpQA0H5vIPTvQAMTnP6igALgjpjH  
egAUgjkUACj5uelACtQAhJwBwBQAD5TjPHegBQoBypyDSATAzxQMCRnGDIM  
IZ8wJGeKAuPUc8cUgEwcbgaADJIHH40wFxfZ0AcQCOmKAsN+goAUsV6CgBCf  
YCgAB3j0xQAvTpyKADvnH4UALwe9AASScDpQAEZbAGDQAmcHbj60AKSB2yBQ  
A3ODzwCetACKjPFACKCDz0oAOOtILDMcbh3oHYQE5IB6+vagQcBRt59TTACN  
o46UANAwOO9AATgdKBikZGc9fSkAljGT+dAgyCMY+hFMBQP4T+dACYAOWoAd  
njAzigBBk8E9PWkaEEH5RimAg4YnpQAMQOmCaAFzngfpQAUGDceFI47UwDAB  
znmgBDn2xQADg8UAKSD1/KkAhyAAaAFY/KBxTADwvAxQA0limNuMnvQA75Rj  
+dAAcE57UAL8qjgcUAN6gZGKQAdvv9aBiA56CmKwoyCOgz2oARic9AfagBpX  
I9DQAHl6CgBScAY6GgBCAf9aQWE5AFMAYDHHNADADnHQHvQBIIyD97OaAsA  
O0YyDQAYzzQADBGObQAiAY5oAOnSgBM80AL0PsaAELUAIrVHXB9KADbjpQM  
cNfgZrKSND8D0AqDQDQAFkKADA9zQIMdug9qAEyO360hh9P1oAMg+59BRcBD  
z2/Ki4C9B0piDlx0oATtxQAoFIB304pgH0/M0AJ09zQAuD3oAOg9BQAcDqA  
E6nJRcAlFIBpHrTAOeg4FIAAUUABJPskADIoATNADSwFACFz2FGgWGZJ6mi  
4WGHGMV0nMKoOOnFACgZOKAHI2Rtx060WAGAUZpACgKotMBMEsSaAFyQM0AC  
HKdMH0oAGAGM0AOYcdMCgBuRnOaABQOSOtAAV6HqaAHMWUgfnSAAQD060wEA  
C/d6GgBPvNgd6AHLIwwRigESEjGMUDEbIAz3oEC896AEGCxFAAWPToaAFHI6



UDAKZ570AAB6HgUCDocdaAFIA6UAJjDdetACkhe3NABvbJJH0oAXdkDIGaAE  
zk8jFAWFO0dPyoACwOCB09KBI4z82QMUCE3g4xQAoGDx+NAC/QE0ANYAjLLQ  
A7PycYoAYowOvNADyc8YGB3NADdpDcA89M0ABPGO9ADlyCQ2D7igAQYOKAEY  
gPhfxoAcxwMn8AKAGn5mHHWgAXB4A5HPNAWEGCcnj2oGAVQevFAhQM55HHSg  
AxxzQADPSgA6HFAC8npigBeWUhh+VADQeg7+tACkehoAACR1xQAKQrYPNACg  
jn+VAIFlyQeKQ7CjGcjk+1MVhqk7sMPxoAdjA4/CgAyBQAAjblvwoAQYCA5O  
aADAK0BYCo2ZXg0BYFOVoAbnAwRxQA5gowF6mgAY8j+tAASFYY+nTigA6D5j  
QAhIxxxSGIBxgnr2piFHpnigBxwOB0oATgDgfhQFg4AHHNAhJJBX8TQAH5R  
nuaAsNUkc96AHEngAEPQHnBoAAB0x+NAWAAKRjqaAF4JoAMZoARhtxQAowf  
pSAX73Sma0g546igBGBLcUALtIHNIHhPACpu4JoAQLkhScfWgAllbbkYoAQ  
HnFIA4ztz05pjEJzxigBwwFxQIZtPUcgUAIpznHWgBQSR7UAOJHODQAxRzzz  
mgAyOmKADoeelAACAOOn4UAMxk8igCQcDnpQAmcnjH1oAMEDnGKAECrknHWgL  
BjigAJOPUUAJ0PSgAPXp1oAOCaFAHQUALjg5FACQnlhjp61nM1gS8+wrM0E  
79c/SgA/4CfxoGHHTn8KAF/T60hDT7fqKYCED6/SkMU+2B7UAIMfSgQZPb86  
AF29zmgBQAOCY9zTAB7fmaAAj8aAE5PU0AL06CgA4+poATj8fQUAGM/4UAB4  
46CgABz0pAISB70wE5I9KQAWAoAYWJ6UwEyfX8qVwEouOwnSkAhI9aADNADN  
q4966jIHc4oCwqkce9OwJjIG0kDvSC4YAUj1pAJ19qADlx6UwBTn6UABPPFA  
CjknNAB97oaAEAI4FACfc6UAOUeYLcCgBy5zkmgYBQzHJ49aBAgzlSRgcZoG  
hB8rkE4x0PrQlCdxyPpQAgzigAJ3YoAQdSBmgB44PPWgBob5iAMmgBcEjOeP  
SgBdoK9MUALn5PegBV5PagBCCGHGPegBWHHHJoARTIsN196ABICgjOc0AAIA  
oAFILjPTFAAcZ4GBQMFbDYCigQuABYmg0AAVeeMD0oAA6qMHOTQA4sM7eIAC  
Fcnj86AEU46frQAMwJGARQApG7igBWIJHtQAHO7k80AJ04FAEHGU+XGe5oAa  
ACnA6UANAPIIlyKABuFwTigYHnjFACjhexoEIOhx36igdhVClh2oFYNoB4NAD  
gQenGKQCMcHnn0xTAcpz0FACA5JB4HtQAjZHHQUABPaxgetABuGfagBc98Yo  
AUkkY4FACEqv3l/GgYNycjgH0pAAAXpyaYgyc8jigAwGOc7eKADAC47UAAzj  
g0AA4bAHWkMDuPQDimlPurgdaAsBzs69aAA5BGePegBF+4Sec0AIPu4PX0oA  
cxDHp0pANYAcgHFMBQOKAsKDyA350AGMnA5xQAmcHkc0ABLZBNABYDjr34oA  
CM8jrQA7gDBoCwmcDOPxoACcgAjFAAPXn6UANX5SaAFYggZ/SgBz4PAHSgBM  
4oAAM5x0oAME+340ACjA5oAXoPagBM5FACKRnn8qAAjmgBWPT5c0gAc9sUAI  
cA9cUwFxA3HPoKAAAnB5oAXgmgACgHAHWgBgBU4oAGHNIAHTpTAGzuBB0AU9  
BnFIAI4B70wGHnpQAvYUAKSCeDgelACH72M5oACSOOgoAdn+HNADOCMUAljs  
eKAF2kDjnNACFSO/4UAIc49KAFTJ4oARDlyMHPwczWBNjA6fnWZoGQR1H4Cg  
BME9Fz9TQAhhRx9KQDgB2/WmAZzxkGgYhAHhB2oEJjsBikAuz1pgA000IACj  
P/1zQAZB680AHJptQAAegoATPtQAHnr+QoACMD0FAACewA96QACQfl6+tMBG  
OTIjzQA0v6UAN346CgLCEk0hiUrglSaADPFACHmi49BMYoAMe1ABmiwDQplz  
+tdRyAvcHn3oAdgL3wewoCwuSGG7pQABvmPHHpQCEDfN0oAMZUgjmGByY2cU  
ALjjNIBolJxxTAGG1TtoAlzuAz170AgblcjGMUAKOTg0ADgrjbQAoBGN3AoG  
KMg89KBASpBzzQFhUxxn8B6UAAPz8jigAYAngY96AF5BxwfegBg65HNAXBDg  
nP5igBwGeAaAHE5GMZ+IAB91AvpQAKPkJ/CgBQCwoARWwTgdKABgGUDOD7d  
aAFIBTB4+negAVMDHQigLCAfnQAucEcUABIJzjFAADnntQMC/OCKBB3yelAC  
cE5Y/Q0AOwCuSeO1ACA5Uc4oAXjIB5FAWEAGWVhgUAGMJkHI7D1oAFwUPb2o  
AUEFeDzQAAYAXPvQAoH4D0oAa2VbCng0AKWUjBHNAxDkAAyoABYMEUCEJweb  
igBwCIR8vP1pDEyD2oAUDbHPTEKCPA6UALwWwRx7UADEhgF6YpAGc9eIMBo  
BB6fjQArMBxjk0ALjGKAE60ABA5HXNAC500A4FAASTkgYHrQAgbK89fSkMX  
AzigQYOSMZpglMrwP1oAcOcgDmgBoB5OcetAAAac0AOGO/NADQMn5qADcE4H  
NABlhy2M0AA47de9ACryMHtQAYFAAwzjJ47UAGSGHpaQAZzkHv3oACdvynkUA  
IMdhzQFgzg56UAAILdMmkAuOGA/KgBFG5ACeffvTAcc7MHgjqKAsMZeRigAG  
VJOKAHYGM9zQFhOmOetAAcr3/CgBcFsZFAAO4xxQA0HnGKBj2xt6UCGDGBQA

p56UAKuVGAc/WgAORzQMCFP3uKBWDH5UAIST26UAGN1ACEDHbPpQAI43c9KA  
FGMUAJ+tACbsdKAA5AB4wKAE4JyTxQApznjpQameelAAW9qAEBzxigBcnIGB  
mgBcnPOKAFfHHTJoCwgl6Y5oAa3BoAXLEDBoAC3QjOaAEOSMnoaADODxQAI  
nwRWckaQJhjHT86zNRRwOwoAQ8+9AAePQD2oAT6D86AFCK9cUAKAAOAT9KAD  
px/SgBCPFABgemaLgHB9T9KAA8Dk4oATJPQcepoAXBPcn2FAASF46e1ACZP  
pgUANLqPc0AIXz2ouFhpYmkMTNFWExSAMUAGPwoAMigBKYZ9qQCUABNAwwc  
UAA60WAZvymMYzXWcg4CkAHBPPWgBWyQMnJoABgGgBQRnNACk8DAoAQfel9O  
uKABmK/KDxQAAjHYUAOzhgCOD0oAGUqSe3tQFhD13UgEV8n0pgKWB4lxQAuS  
QATzQAAnNAA2QORigBQcfWgBd/bFAwLDOOooENzt4xwaAA4U5GfpQAo5ySOD  
QABtxwKAHcjcfSgAJOKAFU560AA4JweKbgMKpyDmgAIG3PT3oEK2Qo6UAIA  
SO1oAXAA+tAwK4Az1oEBAxuzigLCDjkDigBxblGcUAGcfT0oAAcg/LxQAx8  
7gv8J6igBxBI2jg9qADaUPPWgBQNzbiOBQAAjPGcdqAExnp7UAABXqKAE4X  
t1oAXB5zQA5GAB9aAFwCPcUBYGgQOMgd6ABuAOcCgBQBnGeDQFhOUGKQDht  
I6AEd6A0FUjPUZ96YCHglGUAkPBFACEDOAMcc0AKeBwCaADOTQAuOcmgBBz  
24oARjyAvGTigB80fISKm/cCOT6UAMxg5XBoAAQD81AAME5PHpQAoGBuPagY  
uc9CfpQlbnjigBxOBzx70AN7/LznrQA4DJlxQAHCg8jpQAZA5NADVUAcn6G  
gLC4496QAQQA0x70AHcD1pgKSCeeCOKAD1BNACE8Zzx60AJgHnp70ALngZxQ  
AbSHPPHrQAHPzY/WgBQMAEUAIQcHb196QDs7gBjGKYCA445oAG9M0AKuOooC  
wHnjFADQMn6UAKwAB/nQA4Nxx2oAaTg5B60AKPm9MCgAcj7tAAQOgFACY2+u  
KADqeKADIJ54oACc8dvWgA9jyKABgccYxQA0EKaADALEgdaAExnp2oAMnOMU  
AOPThSgBpGKAsB9+KAEQDOBXigBw9DQAJLn8O1ADRYfQUAKQAQPX0oATBDFM  
KAHkqQO1ADCF9elAAoyPagBGxn0oAFoAAcJgUALyRigBCOQR+NIBf41OPrSk  
XAKyScAfnWTNhQG7YFIB2PU4oAXCnoaADHPigAwM9PzoAOvv9KADkDrj2FAC  
Aeg/E0Alcdzn2FABn0IHsKADHt+JoAQsi/eNADGkB+7mldAAZvQD3ouAh3Hv  
RcYm00AGAKQCHA70AGR6UwAn0pAJzTAMe9KwCYoAMZoAQ/Si4BwKAakGgBMi  
gYAnPFMCMIsjju5GSAgjj8aAEHJOBIGBQADmgBGPzDHSgB2OeBQFgzleKA  
sICUXjvQAAZHNAc9wB0FACt93OcY6UAKDIMHigBp4Cqce9ACuQx6ACkAncAd  
KYDgMEHHSgLilsEnGM9KAEJJwKAHkHHSgCPvyPyoAkwpUYFACckYPagBAmOf  
WgBwU46/gaAEUHfjkt2oAUgHgigLC5HQ9KAewScCgBwHFAXpJJ6dKBCjB4bj  
NAC7R0JyKAGkYGGPTpQAqkkdOKBik5HtQIVSCNvWgYhztwuM0CagBepBoAMN  
jOeT60AC8rnr60AJgHJFAWDAIBHWgBQSUoAXPORxQAplx/SgBAQzcDAoACRn  
BoAUZA4XigBcgjDCGCMgjkYA70AKwVSNv40ABZsgY4oAAATjNAAEgZxQAue  
1ADtvlbigAbDHlfypBYTGOKYDIGKAExk5HFAB0/GgBfnA6ZFAAM4zigBq5lz  
09qAEwMc0AOBLf7We5oAFXHQ/hQApXjBAoCwijlyfwoAQbsZOMelABuxyBig  
BVOMmgA6fMRx6UALgD7v5UABOegOKAExt5PGfWgA2jHFAC7e+BigBNuBnoRQ  
AMAcKDQDEOM/SgBR16ZoAQqCc9PrQADABA6UAIM/hjigAUccgGgBx9uBQA3G  
W5oAfkA4JxSGB644oEN4Bx2PpQA4UwGEFj1oABwORxQA4AnoaAAg4z6daAEJ  
554oAMjHOKAsHU4HAoAGGVAHGKAFZgQBjn1oAMIRj17igBA2Rgcj3oAQnBGO  
poAXdgnloAGPTHQ9aAEzjpQAgYYoAVefQGgBOxwOnWgAIJQbWoAAMMMnHvQA  
NkNigAyVJFAA208dx60ANazQAoPy49KADcM0ANbOelACoeOfwoAASRnqKAuN  
6npQAuDJG0tACgkDBFADSM9fwoAUgDp0oCwgGB1xQArYHQUAJkelACHiCMjv  
UyKiWOPSSwzdC4x0BNIApgHH93NMAwfYckAnHofrQAFn+FABj3AoATI780AM  
Z1HAP4CgBpc4wq496AsNIY/eJ/OkAYA4ApDFyB2oATPoKYBknoMUgDB7mgBB  
TAKQB+FABigBCfwpgJkD3pWACSegoATmgBME9TQMxaKLSQmAoiABT0GHOelA  
DTwB710nIBIUUAxwdR060AAfcOOIACHG4frQFwWcA4XmgLgOeDQArAnAPQUA  
C8nA5xQAnJHSgBcdOc+ooAUHPbFACFcv8zdKAAkdAKAFwQMgYFACkkt7UAKw  
JXFABkAjFACltoB9aAGggGcUASDG7qcUAJnOfagAXGPm4oAaM4Oe1ACg5Hy  
nFABk4xjmgByqcZPOKAeVs8jvQAAHJzQAowOQM+tACcselACjpyKQCgZGaYC



EN2oAVTjgjNA2GfTg0CDHy9qBgQSAB1PrQAmDnB6jtQIUHbnBoAQHHvQAuFP  
B4BoACMDg4HagBASB/snvQApDAccE0AG3I+XqKADnHvQAqkg8nigBcZ5zx6G  
gBhIY89BQAYBFACK8AdRQAYHagBeQOR+NAWFwCBnv6UAJ04J4oAcGBOMcDvQ  
Ah4bPagB4x2H40ANGAMA8+IABgkdfwoAGJHQnFAB0I54NAC5yMDFACYyO1AC  
LwcdqAFJC9KAFPTrmgBCQTgcCgBFJBwRQAp4BC96AsBI2YI5oAdkFeBwKAEL  
cDbjJoACHHGR9aAdr2/OgBO+KADODjHFIBD93BpgAxjjigYhxjHegBVIXoc/  
0oEGTnrkUguAOWPy9BTAVDntigBD14OPagBcZHB5oAHySCO1ABg4zigBDn8+  
xoAMKBnABpAKDQAmcZOOKY CZ9RmgBRz04oAQMGJUnAoAQ+mR+NACjj0xQAqk  
jIXoaAsLgdCeaAE6UALgtjHagAOccDigBD0zQAnzYI6g0AIAcYI/OgBBxxQA  
ocAYxQApGQPb0oAG+XkdO9ACDONoHGaABsjAIFABzSAUgHpTAYVw/WgBScLj  
OfagBpU5HagBcZHTmgBWYQOKAEwB060BYUk46UAxjgUANzngLQAd6AEwT06  
0AKvGc/IQAMwxwBQAuNy5oARgCoHpQFhgJU+1KRUS2KxZugzmkAv4ACgAPtz  
TADkdwPpSaaWUf8A16AGI/QZoAYXPcgsi4WA8//AF6Vx2Ez7UmAZb2AoAMH  
1pgBFKwCfSmAoI6UAKaAGn3OKQCFINACZ9AaLAB3H2pgG09yaQCELQAAAdKA  
F57CgA5oAaRRqADFABTAMUgDAzQAw4JIHauo5Q7fSgBVAz8vWgAPykdGAaAF  
UjdnFACkAnjoaQWAjBwBx60wButACZCKOotACqADzxntQA8DHINADVH50ALn  
HJHFAAw4BoARiAvXmgBByvFADtxXtnPAoAMbQMjJ70ADYxgZyaAsKCCMbefe  
gAfKhT370AKVJ7DFACKCRntQA5QeSRQAY25PrQAvbpQA0YIwSRmgBVAU4HT3  
oAU89KAEyVHHFACqSuMdKAFJH/16BiZGOKAAZ7UALkH1zQIMY70AIQD1P/16  
AFJXAbJxQAEAtkNyR0oATjscmgAJ70ABBPOKAA5b8KADfjCsOAc0BoOODyDm  
gLBkrhqAE3lgPegAYjbuHGO1ACq24c8fWgBAo5J6UAKME+goACPSgA4J6UAG  
4BelAAMbuKAF4z7GgBxAJHHAoAQgMeeMdKAADHc4oCw1m54WgBSc88/WgAYZ  
HFAABx60AA+98o+tACKgAHFAWEPPQY oAVuVAGKAAqScDAGKAEOMY oAUZ7j86  
AEB+Y0AO+nSgBpX0zigAUkfKRz1oAU5IzQAuchoc9qAGhmB5FACs2TgdKBgr  
DOSPwNAhG4HGKADGAO9AACB+NIYZO cigA6nFAhTnOB2FMBBz70AKCOh4+IAC  
HgYzxQAc4oACScCUADEAdKAFAYjBoAQqRx/CaAB1wAB1oAOFHUUAIWz2zQA  
oK9+KAsGARx19PSgBqh8cdaAFOTgkYxQA5uCMHlxQAHjn9KAAAnIGOM0hjDwf  
X3piHZJAxigBMnvQAjckYGMUAB9QM4oAXKkcUBYCMdaAA5BHY+3egBSpJzj  
A7ZoATGTjHNADSCBxx60ACnjK0AlxBOM0AKGHegBAwJ64oGJvOeKQhc5HHWm  
AuR0oACCTwKAsHSgCnIo60AKHOeBigBoznnNAARjgDigBQBQApUE8DigAcA  
/gKTRSJ1+6COD71izelufXP8qm4DS6jpp6DmgBC5PRfzouMblj3/ACouAYNA  
Bj60gDazQAcUAGfamAHOObikA3PqcUAIso96ADJxwtMA+Y+1IA2epNAC4Uda  
AD5aAD8DTAOfpSuAnXvQAgwOAKAF59KAEwaYAF4pABAoAOPSiwCUwDHFIAAG  
aNRXGKRnp1rqOYUjlx0oAAMYAHWgLAACcntQAv0wD3oAFPGKBhkkhQelAhdo  
zxzigBMZYcZloAcCGb5utACKpyRQAoGCADwOtACMSB1yM8UAGc4AoATnOCMA  
UAL0+IAAMk8c+IAWFXgYP40ABbJ+XtQAHOPSGAzkgelADmOTjpmgBcgLx0oA  
QEkUAKM/hQAmSM5FFgADJ4oAdjI+IACZ+bpge1ACH5z7UAOVjnb2oACdpoAQ  
Ag/XtQA7JA4oGJnPPSgQqcg85oAQDLH07Z7UAKAPun16etACYC9OtAC4UdMi  
gAYDHA/CgABBWgBCMHA/WgA3AnnoKAFABPHAoAAQchqAEBcnoKAsKeowOD1o  
AHwQB3NAAXkKaj8qAEAyeuB60AKoAY7m+WkApHO4dKYASC3tSAQAB8nPPpTA  
eMBsjvxQAm7HWgAC+pNAATjg8CgBTyKAE34AzQAuRigLCKTzkcUAOAUEkZoA  
aCN2D09KAFyqnOotACDGC80AKGHZfxoGIRxwKBCII4z2pAIODx0pgGOM9qAF  
znnHAoAb1OSOVsgB2e1ADWBHOTxQArAIRQAEg9eMUAA5UY7UAL06igADAjmm  
kA1ieMCmAoJ6ZzQAmOen40AK4wOPxoAT5scUAOlxz3NADSuSBxQA7pwf50AI  
MjtQA4D5c/pQAwdc+tAC5oARskAigBMgDB60AAGOAEKAACZOKAHDkccCgA6g  
DNACng4PSgAO3gZ/H0oAB8x47UAJkDg4oAMgDBoAQthcDpQA3BPSgBcEDnoa  
ADgjk4xQADA6CgAyTQApJbHJ4oAQvjgGgABJOCPzoARRyc8fWgAlwDigBMce  
9ABkcjH40AIBn0pBYCApxTCw0EA4oAVhkchmgAG715oARs45oATt70AOBHag

AyQRQFhc5OO9AChc9QcUAMZhnAyKAEJ3HPSkNEysSgwQKxkxbE2k9ST9akqw  
uMDpSAX60AIT7UwDNGoCbh3NACZHakMTLdhQIMOTQAbD3zQAbAOtMBRgdBmg  
AySeFoAOfpSATHvzTAMDsKQBzQAYPrTAMCizAOO1FhBn0FABz9KADFACbaQB  
g0wE/GgA4oAQn2pAIXCkdqqKuJkbPhhjpXRY5x4ILYFFgGkkNQDFzz9aABSC  
5J6dqAFOOVsGxAxtO7louAuVHQ5PegBNwO0Y69/SiwCtgHcOcUABYhgQeD1oA  
Cc/dGPX3oAT72FWHgBQu1vagAyCee9AWAk8qDxSC9gU4PNMBwGQSf0oCwAZH  
HFIBHz+VMBcAAH1oACfQUAL/AA4HH1oAUZB54GOtACg8c8UAlckA0AOI9O9A  
CYBHBIPpQA4lcdCKAGoefmGKAfWScgDFAWBVyaAAgg0AGcLycUADDKZHPtQA  
lwHHSgBcgnAHWgBMANg0ALjmgAwD0OaAAnafSgBA396gBcKfU0AIRtTAHU9a  
AFVSOvSgBGUtyMD3oAAQDyM0AOUZzk4HYUAIr81AC4BOGFACfdPXIoAMoWBX  
t2NADgVKtggE9qAEGOmMUAOBIIxPHvQAEgDAGKAsNUdf6UBYUZBPpQANTlzQ  
AE4GKAEABGOPpQFgwOnegABYQueR2oAdsII5oAVuRgY/CgBqkfdxmgABwSMU  
AAK7hgcUgF/A4pgGDzhQaABOnSgAI546eIAAMDjFAAwOODgehoAQHkcg/SgB  
xwelACY4O0dO9ACEFccdaABeuf0oAX68igBxXYOowemDQA0YUYPOe5oAARjI  
pAA5HApglAFNACgJPtIgBACk96AEyOc/hQAqqOvegBCcGgLCjLN3AHcUABOG  
yfwNACEEc0AIM46YFAAMsckjigAlYOKAAdM0AAy3J6UAO4BB6ilcLB83WmAH  
aD7mgA7cH6YoAAOocGgBp5OSaAF5BHpQAnQ+1ACsBjPY0AAAoAUDB5oAaRn/  
AOtQA7IC4AzQA0jH1oAQkuR1BFAA4INACqxORigBrHvQAZJ4xQAuMDp/9agB  
NobvmgBoAAI79qAsKBkDFAWHE84oARgM4xQAh5xjJFAWGqSDQAuc84oAAT6U  
AHZD2pAJgk0wHBRnGOIADk+6cdQaxmjeAv4iszQQketFhBu9ATTAPnPYAUAB  
Unrk/SgACKOUKAF+UUAJknoKADnHLAewoAbwD96gB2AOg/OgA5oAME96ADbS  
C4YFMQZA4xQAUDDGaBBgUAJgCgAyO5oATigAJPYUgEwaYBjnrRqAhAoAQkCg  
AJyKAlnyegrREyHMBgDFaGIKfXmmxWELAdqLAKMYosAKBkKdKAFbBGKAFGBi  
gBfBgWxgmgBcZQjt60BYAenHA/WgAK7uQONagBVIzgj8qAEZcHcDSAdIQPWm  
A0YBJPGelAA2ABjgeooANuccYoAcplPSgAJxQAmCeT+NADydwA7CgBrNucBV  
wO9ACgDfg80AKTt4PP8ASgBwAOM/IQAE4HTigBCflyO9AxcggYHTqaBCBqAH  
bz3xigYhBblenpQIVemaAEY5AOOIAAwB6fjQAqkbQVoATkknmgAX3AzQArA  
Z680ADEDAoCwhUqfrQAvA4oACTj5RzQAZK4757CgAbJAA4+IAADn5WoARsg4  
oAUNgdKAA5I4BoAAcUAKTlgvH4UAlqgmG BXGH24oAAgx0wR3oAVTkc9R0oAR  
kJOQaAFJOBkcCgA+8eOPagBcYzjJoAQA4yBwKABuRnFAAvJG3H0oAQgg8UAO  
JDAHHLIoAASRYMUACnafp60ANA5yMUAOU4zkZJoANvHFAWDcOoyDSACdv/wBa  
mApBAB9aVwsDHcMYApgNV8kqfwoAUjBwTmgBSFB4FACZFIBCOMr+VAxQOchN  
2oEleThR060wFGKAGj4Ax9aAHbSPpQAnX2zQA5T8uMZHrQA4GP1oAbg7cH  
qKABYBgBcEUABAJUnp3oACcDjkDpQAmQ/wBKAHQFODj2pAJwzBfWmAoOW2+  
IABhh06UAMAY3YUAPGBkEfqAI4z9D0NACZyMYx70rAleCPegBwHZT+JpgB  
APKnPrQAEjHHSgLCDoaAAMABxyfXtQFhS5I28DFADc54PFABjHrikAHoMHNM  
AJJ6k0AKCON60AHBOBkEUAIsc5oAMkkEc0ABAzikADaPWmAHB4zQA0EAjFAB  
kkkHigBoAB60AI3XigADH0oAdnPtQAE4PFACYIxikAYz0p3CwDgUAJuwCO56  
UABJoAAcmgBSTSGKgLAis5msBwjA64rM0HYUDjn6UAAJPG2gBOaAEIPdsUAG  
QKADr2/OgAwT34oAXaO9FgEwBSsAZHoaYC5PYUCEOeKADGaADFAB9KADI+tG  
gBzQAc96AEjvQAHFACZFABn2oGlc0CE5oAQ0DDikAE0CGse1WgaGk8Vsc1g  
xge1ACLx1GaYD8g0AAKghmgA3Dxbx2oADnFAAACeTx6UAKABkZoAQkAc0ALIt  
u0ce9AASame+OIACBuPegBDyO9ACucAUBcUjoV6jvQFhysAcE5zQAHPoRz2o  
AQdeT+FAWDd2HU0AGCg/nQA7OTwpoAUN1z1zxQAvDY9e9AAWwwA7UAAHOSDQ  
AZDZBoAQkZAB49KAHQBmgAwQSP1oAB04OKAEOWGd3AoAFwRg0AKcbMZoAULX  
hRwKAEHloACBjHU0ALgYgevpQMDwMj8qBCL0z19qAAjA96AF3KOOcmgBGAU7  
h37UACnK56GgBSRwOhFAWEJG/kcUALgZJGAPSGLAznsOKAAEY6cetAA4KkNj  
8aAYde/5UAKTK4NACsc9SR70ANODgAdKAFGR1FACA4+npQAqgrlh0NACK8Z9

aABScHnFAXEByvSgABUEcHPrQMXvmgQpwOQetAB936UAJkDpyfegYHgZIH4U  
CFDBh0we1Aw3YTIoEIPwxSsAmcngHimBJgZAz1oAQEAHNAXpBzn1oELk+IAC  
gDuMGgBDkZ6GgBDnggcGgAUjPI4oAAAdrkdj3oAGJJwBj3oACTjHf1oARc9DQ  
MUHAX0FAgUhc7T9KAEY4Tr+QoACflyMg0AKwBlb2oAQDJ5oCwcKxHFACDIHH  
U0AID60AO3BR0/GgBMnqDyaAFyHNAXEOTx6UAAOeORQArEYAHP1oAFBOR0x  
QA48DHBPagAAx1NAWEBAfB4+IAWEyoBXnrQMMjGDQIM8YoAaQd3FACgZNAc7  
uo7UANxgHuKAAH34oAUHLeuKAFYkEccetAxGbDHA4oECsDx0+tACDB5xj3oA  
UZJwfzFADSAD7UAJJB5oAUjHegBCo2570BYRscGgBpagAAPWgAJzQA8Ngfdo  
ADntQA3BHegBQM8EgUAG0Ecc0BYUH8KAGqeSMUAOi5Zhu4rOaNoD+AeBmsjQ  
XJ7LimAYY+1AAFIpWAMDvRYBRt5x2piGkikMMsfu4/GmlQ5NIAANAC8/SgBM  
gUALn2oATJNAWDFABwKLAGRQAc0AJz60aglcYoAMDHAoAKBhQAmRQIQn2oGJ  
QAnAosAbhQAnVgQOAAaEf//Z

---=\_linux4968f7e5--

---

Subject: Re: the last paris app we need?  
Posted by [Deej \[5\]](#) on Sat, 10 Jan 2009 22:25:14 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

TC <tc@spammetodeathyoubastards.org> wrote:  
>That's great, thanks for the info. I'll probably build some stands also.  
>  
>I'd prefer that to wall mounting, at least for some of them (the ones  
>that will need to be corner mounted etc.)  
>  
>Are you happy with them? I know the price on them is great..  
>  
>Mine should be showing up early next week.  
>  
>Cheers,  
>  
>TC  
>

They work very well. When I got them in here Amy and I both immediately noticed how quiet the house got. Ambient noise levels all but disappeared. This is actually something that you need to be careful of unless you're trying to recreate the sonic fingerprint of being locked inside a coffin. If you're using the 4" deep ones, space them well apart to begin with. A little goes a long way.

---

Subject: Re: the last paris app we need?  
Posted by [Gantt Kushner](#) on Sun, 11 Jan 2009 02:54:37 GMT  
[View Forum Message](#) <> [Reply to Message](#)

Did you get the open back or 1/4" wood back panels?

"Deej" <noway@jose.net> wrote:

>

>These are ATS 4" x 24" x 48" baffles. They were running a special in December..free  
>shipping. I got 25 of them. They showed up in five days. I built the stands  
>myself out of 2 x 4's.

>

>Post #14 of this thread describes the process in detail.

> <http://www.3daudioinc.com/3db/showthread.php?t=16090&page=2> and post #31

>shows them in one of the tracking rooms

---

Subject: Re: the last paris app we need?

Posted by TC on Sun, 11 Jan 2009 03:11:10 GMT

[View Forum Message](#) <> [Reply to Message](#)

Deej,

Good to hear that they are working well. I ordered all 4" thick ones,  
open back. 6 of the 4x2' and 3 of the 2x2's. I'm in a much smaller  
space, so that should improve things. I also ordered the mocha ones :)

How's your CM7 working out for you? Have you had a chance to compare it  
to a vintage 47 at all? I'm a CM7 (M7) owner also, and have an  
opportunity to purchase a vintage Klaus Heyne restored U47 here shortly  
from a good friend of mine at a decent price. I'm still keeping the CM7  
if the deal goes through, but I'm curious to get your impressions now  
that you've been using it for awhile..

Cheers,

TC

Deej wrote:

> TC <tc@spammetodeathyoubastards.org> wrote:

>> That's great, thanks for the info. I'll probably build some stands also.

>>

>> I'd prefer that to wall mounting, at least for some of them (the ones  
>> that will need to be corner mounted etc.)

>>

>> Are you happy with them? I know the price on them is great..

>>

>> Mine should be showing up early next week.

>>

>> Cheers,

>>

>> TC

>>

>

>

> They work very well. When I got them in here Amy and I both immediately noticed  
> how quiet the house got. Ambient noise levels all but disappeared. This is  
> actually something that you need to be careful of unless you're trying to  
> recreate the sonic fingerprint of being locked inside a coffin. If you're  
> using the 4" deep ones, space them well apart to begin with. A little goes  
> a long way.

---

---

Subject: Re: the last paris app we need?-couple questions

Posted by [derek](#) on Sun, 11 Jan 2009 19:40:25 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

"Nappy" <juggler9@rock.com> wrote:

>

>So is Vista ready for prime time now?

>

>

>respect

>Nappy

that depends on your viewpoint. actually, from the start, the bad reputation vista got in the audio world was because you got a little less performance when running it than using windows XP, which is still the case.

OTOH, this performance loss ironically is very much the same as the one you get when using OSX - these days its pretty easy to run OSX alongside win XP on one machine (be it a mac with bootcamp or a pc with those fancy pretend-to-OSX-youre-a-mac dongles) and OSX consistently shows a less performance on a given machine than win XP too. totally makes sense too, considering that both OSX and vista rely heavily on ram and CPU hungry fancy graphics and animations whereas win XP is just ugly and visibly doesnt waste very many CPU cycles on any OS-related visuals ;-)

so with that being said, id say of course vista is ready for prime time. with todays machines youve got so much power that the differences become neglectible, i for sure wouldnt care about it on my machine. in the nuendo users group theres many people that use vista64 now, and after quite a while



it seems like theyre all very happy with it.

of course theres also no real \*reason\* to switch to vista unless youre bored by XP, want the fancy visual stuff or, in my case, keep running into 32bit memory limits. which is why personally, i would say the bottom line is it doesnt make very much sense to switch to vista, but it sure makes sense to switch to vista64, that benefit is very real - but only if you work with huge sample libraries and projects and NEED that much ram.

the only thing that sort of speaks against vista64 at this point are the advance reviews windows 7 is getting. its getting a LOT of advance praise, and from critical sources too. even in its current beta status its said to be very streamlined, very performant and at the same time, with many feature additions that actually make sense in daily life, for a change ;-)  
thats why im undecided. i may as well maybe keep running XP for this one more year and then jump directly to windows 7... its really mostly a question about how lazy i am :-)

---

Subject: Re: the last paris app we need?

Posted by [derek](#) on Sun, 11 Jan 2009 21:18:33 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

"James McCloskey" <excelsm@hotmail.com> wrote:

>As I recall, Steinberg rewrote nuendo for Mac, something to do with the core

>or audio engine, not sure, it might have had to do with 64bit.

they didnt "rewrite" it, but yes, they had to do a lot of work twice because apple at some point decided a fundamental architecure change, exclusively supporting one...tech thingy...that was incompatible with what the other solution they had recommended 3rd party developers to use, causing once again 3rd party developers to jump through totally unnecessary hoops.

like it or not, apple is not very popular in that regard, and rightly so. ive talked to developers from many companies first hand (germany is an awesome place to live in when youre into audio software) and this stuff comes from them, not from me.

I don't know

>what recompiling was necessary, I do know that if you write new code it's

>a simple as a check box to get a universal binary of the code.

yes, thats what apple PR told you. considering how little examples in practice of that showed up, and considering how virtually the entire industry took a lot longer than that to make the transition, i wouldnt hesitate labeling it pure BS, but then, im not an apple fan as you are, so thats not really a surprise :-)

> From my prospective

>Steinberg has not made Mac users their top priority in the last 5 years by

>any means, and who really knows what goes on in house.

why should it be a "top" priority? theyve released most of the products in parallel, and id say, considering that theyre about the only major crossplatform supporter left besides digidesign, well, good thing that they support apple dont you think?

> To blame Apple is to

>cry about progress and growing pains,

yes, thats exactly right. progress and growing pains is something that should happen in a manufacturers lab, not in the course of almost half a dozen updates (many of them costing money, and with apple constantly pulling the "this new gimmick requires the latest OSX to work at all trick). its a bit like when windows 95 came out and only reached a certain level of maturity with windows 98. stuff like that sucks.

> so what do you have to say about the

>Windows Vista debacle? It's not like MS had it all together for the software

>developers.

im far from being a MS defender (theres no fanboy culture in the pc world like there is in the mac world ;-)) but fwiw, i dont recall any of the audio softwares that ran on XP not running on vista (no wonder, its just XP with fancy

graphics). in fact, a friend of mine started using his stuff more or less the day it came out, and one of the things he did was just copying his freeware VST effect folder from the old machine to the new one, and lo and behold, that stuff still works.

sure, you get a little less performance under vista than under XP and many pc people freaked out about that, but then, the same is true for OSX. having fancy animations, "swooshing" windows and all that stuff results in a performance hit. surprise, surprise! :-)

> How long has it taken them to catch up with Vista 64? Or is  
>it Windows 7 now?

catch up to what? vista64 was released when vista was released. and before that, there already was windows XP64 for a long time. were you trying to go the "OSX has been 64bit before peeces were"-route? do you swallow absolutely everything apple PR tells you to believe?

>I wasn't trying to say that Logic is the best DAW software in the world,  
>I was trying to say that Logic 8 has caught up, it's now a modern DAW package.

as i said, thats very obviously a matter of perspective :-)  
i dont expect us to agree on that.

> Logic 8 is not the old logic 5 and it is not a kludge that has been thrown  
>together with a new paint job.

from where i stand, thats actually a VERY precise description of what it is. but again, we dont have to agree here.

> I think you should take a closer look at  
>Logic 8 and I'll leave it at that.

i know logic 8. do you know the competing programs i was talking about? ever seen samplitude in action? and i dont mean 5 minute google knowledge...

>Back to Paris being dead, I disagree if your saying that Paris does not have  
>it's own sound. If your saying that you can reproduce that sound in another  
>DAW, I'd like to know how?

well, i have presented you with quite a few factual statements, and if your reaction is a mere "i still disagree", well, what else is there to say.

> I don't doubt that at unity gain or less, you  
>could get tracks to null, I'd like to see you get them to null when the Paris  
>tracks are pushed. Where you able to do this? Do you have copies of those  
>tracks you tested?

when pushing stuff into the red, paris does straightforward clipping (which actually quite often is the best sounding option from a variety of options).

its a bonus that you get this clipping while the converters yet dont clip (when dialed in right) - on a floating point host that by itself doesnt really ever clip internally even if you go 40db "into the red", you can get a very wrong idea of whats happening because, while the floating point host itself wont clip, your very-much-not-floating-point DA converters will, and depending on the converter that will of course sound like crap. but clipping ones converters is just an operator error (one that many mastering houses do on purpose, nonetheless ;-)  
pull down the fader of that channel that is 40db in the red and you will be back to no clipping and it will be as if you had perfect gainstaging. thats the advantage of floating point.

and of course you can always put something in the master channel that internally is linear and will do the clipping for you, if you want your floating point host to behave like it had a linear 24bit masterbus. theres that, and theres anything from tape saturation simulation to soft saturation that just "tries to sound good" (i.e. the UAD loudness maximizer, which has a slightly misleading name because its not a limiter but a saturator is very very good and almost always a better way to go than straight clipping) (something i would not say is the case always for traditional limiting, which is the most "official" way of making something loud) and

of course the whole arsenal of mastering tools that all deal with the topic of having a "hot" mix in one way or the other.

so you can do it the paris way, or theres dozens of other options.

are you saying that the option to do straightforward clipping in paris is by default always the best way to go?

or are you claiming that the way paris is clipping is in a way "magic" that lets you make your summing bus hotter than any other mastering approach?

i dont want to ask strawman questions, so i will say out loud that i dont quite believe that thats what youre saying. but if thats not what youre saying, what is it then?

> I'm from the show me state!

yeah, so show me :-)) youre the one whos claiming to have a superior method of driving "hot" mixes. i do mastering a lot and my statement would be that theres a million ways that lead to rome. clipping is one of them, but it sure is not the only one.

youre the one who says that theres a special way that results in superior "hot" sound. so, since youre "from the show me state", im very much looking forward to that. maybe i missed that all these years that ive been running paris (and happily clipping the master bus when i found it appropriate, though definetly not always).

---

Subject: Re: the last paris app we need?

Posted by [excelav](#) on Mon, 12 Jan 2009 01:40:48 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

"derek" <a@b.com> wrote:

>

>"James McCloskey" <excelsm@hotmail.com> wrote:

>>As I recall, Steinberg rewrote nuendo for Mac, something to do with the

>core

>>or audio engine, not sure, it might have had to do with 64bit.

>

>

>they didnt "rewrite" it, but yes, they had to do a lot of

>work twice because apple at some point decided a fundamental

>architecure change, exclusively supporting one...tech thingy...that was



>incompatible with what the other solution they had  
>recommended 3rd party developers to use, causing once again  
>3rd party developers to jump through totally unnecessary hoops.

I heard differently.

>  
>like it or not, apple is not very popular in that regard,  
>and rightly so. ive talked to developers from many  
>companies first hand (germany is an awesome place to live  
>in when youre into audio software) and this stuff comes  
>from them, not from me.  
>  
>  
> I don't know  
>>what recompiling was necessary, I do know that if you write new code it's  
>>a simple as a check box to get a universal binary of the code.  
>  
>  
>yes, thats what apple PR told you. considering how little  
>examples in practice of that showed up, and considering  
>how virtually the entire industry took a lot longer than  
>that to make the transition, i wouldnt hesitate labeling it  
>pure BS, but then, im not an apple fan as you are, so thats  
>not really a surprise :-)

Apple has made changes to their ADK over the years, and Apple products are better off for it, it's called improvement. It isn't like there wasn't years of growing pain with Vista. As a former Apple Developer, the compiler has a simple check box that writes a dual binary for PPC and Intel at the same time, this is a fact, not BS. If you don't believe me look in to it yourself

>  
>  
>> From my prospective  
>>Steinberg has not made Mac users their top priority in the last 5 years  
>by  
>>any means, and who really knows what goes on in house.  
>  
>  
>why should it be a "top" priority? theyve released most  
>of the products in parallel, and id say, considering that  
>theyre about the only major crossplatform supporter left  
>besides digidesign, well, good thing that they support  
>apple dont you think?

Steinberg has not always released their products in parallel, and that's part of my point. My point was that Steinberg's Mac products have lagged

behind in performance with code that was not optimized up to date. I believe Steinberg has lost Mac customers as a result. Steinberg and the Mac community for years supported each other before Steinberg products were ever on the PC platform. It's a good thing that Apple and Mac users supported Steinberg for all these years, don't you think?

There has been a narrowing down of DAW software Manufacturers over the years. There are still plenty of companies that support the Mac platform and that's not likely to change.

>  
>  
>  
>> To blame Apple is to  
>>cry about progress and growing pains,  
>  
>  
>yes, thats exactly right. progress and growing pains is  
>something that should happen in a manufacturers lab, not  
>in the course of almost half a dozen updates (many  
>of them costing money, and with apple constantly pulling  
>the "this new gimmick requires the latest OSX to work  
>at all trick). its a bit like when windows 95 came out and  
>only reached a certain level of maturity with windows 98.  
>stuff like that sucks.

PLEASE! Dude, your still on an operating system from 2001 due to MS's blunders and upgrade issues with Windows Vista! And talk about upgrade cycles, a 5 YEAR wait for Vista! Talk about growing pains, upgrade and compatibility issues, I've got one word for you, VISTA!!! You got no room to talk! At least Apple continues to improve their OS, every upgrade has been more than worth the cost in features alone. Talk about the price of admission Mac OSX can be bought for \$129 or less, and there are not 5 or more versions costing up to \$399.00. That's more than 3 times the cost of Mac OSX. Just look at the customer satisfaction rates, including XP, I'll take Mac OSX thank you.

Your original post was about Paris no longer making sense, then you went to Apple is the evil empire and Logic sucks. Instead of us having the next Mac verses PC war, why don't we stick to Paris vs. other DAWs and we can leave Logic out of it.

>  
>> so what do you have to say about the  
>>Windows Vista debacle? It's not like MS had it all together for the software  
>>developers.  
>

>  
>im far from being a MS defender (theres no fanboy culture  
>in the pc world like there is in the mac world ;-) but fwiw,  
>i dont recall any of the audio softwares that ran on XP  
>not running on vista (no wonder, its just XP with fancy  
>graphics). in fact, a friend of mine started using his  
>stuff more or less the day it came out, and one of the  
>things he did was just copying his freeware VST effect  
>folder from the old machine to the new one, and lo and behold,  
>that stuff still works.  
>sure, you get a little less performance under  
>vista than under XP and many pc people freaked out about  
>that, but then, the same is true for OSX. having fancy  
>animations, "swooshing" windows and all that stuff results  
>in a performance hit. surprise, surprise! :-)

Yes PC users always know more about Macs than Mac users about Mac performance and all the "swooshing" stuff. I'll just say I own and use both. As I recall, there were Audio softwares that were not Vista ready, and many that won't work with Vista 64, but what ever.

>  
>> How long has it taken them to catch up with Vista 64? Or is  
>>it Windows 7 now?  
>  
>  
>catch up to what? vista64 was released when vista was released.  
>and before that, there already was windows XP64 for a long time.  
>were you trying to go the "OSX has been 64bit before peeces  
>were"-route? do you swallow absolutely everything apple PR  
>tells you to believe?

64bit has been around since the 60's, in 2002 IBM released the PPC 970 G5, Mac OSX was partially supporting 64bit around that time. AMD followed with 64bit and MS announced they would be supporting it with Windows. It doesn't really matter who was to the personal computer market first, but I believe it was IBM Apple. And you can quit with the Mac fan boy shit.

>  
>>I wasn't trying to say that Logic is the best DAW software in the world,  
>>I was trying to say that Logic 8 has caught up, it's now a modern DAW package.  
>  
>  
>as i said, thats very obviously a matter of perspective :-)  
>i dont expect us to agree on that.  
>  
>  
>> Logic 8 is not the old logic 5 and it is not a kludge that has been thrown

>>together with a new paint job.

>

>

>from where i stand, thats actually a VERY precise description

>of what it is. but again, we dont have to agree here.

>

Logic 8 is a big improvement.

>

>

>> I think you should take a closer look at

>>Logic 8 and I'll leave it at that.

>

>

>i know logic 8. do you know the competing programs i was

>talking about? ever seen samplitude in action? and i dont mean 5 minute  
google

>knowledge...

Well I own 7 different Daw softwares. When I was a dealer I sold most of them, so yeah. I don't know it all that's for sure. I wasn't looking for a Logic vs. Samplitude war either. I was just saying Logic 8 is incredible software, I didn't say it's the best.

>

>

>>Back to Paris being dead, I disagree if your saying that Paris does not

>have

>>it's own sound. If your saying that you can reproduce that sound in another

>>DAW, I'd like to know how?

>

>

>well, i have presented you with quite a few factual statements,

>and if your reaction is a mere "i still disagree", well, what else is there

>to say.

>

Just about the sound and summing.

>

>> I don't doubt that at unity gain or less, you

>>could get tracks to null, I'd like to see you get them to null when the

>Paris

>>tracks are pushed. Where you able to do this? Do you have copies of those

>>tracks you tested?

>

>  
>when pushing stuff into the red, paris does straightforward clipping  
>(which actually quite often is the best sounding option from  
>a variety of options).  
>its a bonus that you get this clipping while the converters  
>yet dont clip (when dialed in right) - on a floating point host  
>that by itself doesnt really ever clip internally even if you  
>go 40db "into the red", you can get a very wrong idea of  
>whats happening because, while the floating point host itself  
>wont clip, your very-much-not-floating-point DA converters  
>will, and depending on the converter that will of course sound like crap.  
>but clipping ones converters is just an operator  
>error (one that many mastering houses do on purpose, nonetheless ;-)  
>pull down the fader of that channel that is 40db in the red  
>and you will be back to no clipping and it will be as if  
>you had perfect gainstaging. thats the advantage of floating  
>point.

>  
>and of course you can always put something in the master channel  
>that internally is linear and will do the clipping for you,  
>if you want your floating point host to behave like it had  
>a linear 24bit masterbus. theres that, and  
>theres anything from tape saturation simulation to soft saturation  
>that just "tries to sound good" (i.e. the UAD loudness maximizer,  
>which has a slightly misleading name because its not a limiter  
>but a saturator is very very good and almost always a better  
>way to go than straight clipping) (something i would not  
>say is the case always for traditional limiting, which  
>is the most "official" way of making something loud) and  
>of course the whole arsenal of mastering tools that all deal  
>with the topic of having a "hot" mix in one way or the other.

>  
>so you can do it the paris way, or theres dozens of  
>other options.  
>are you saying that the option to do straightforward clipping  
>in paris is by default always the best way to go?  
>or are you claiming that the way paris is clipping is  
>in a way "magic" that lets you make your summing bus hotter  
>than any other mastering approach?

>  
>i dont want to ask strawman questions, so i will say out loud  
>that i dont quite believe that thats what youre saying. but  
>if thats not what youre saying, what is it then?  
>

What I'm saying is I like the sound of Paris. What I'm saying is Paris sounds different to me than other DAWs I've heard. I don't believe all DAWs sound the same. Again, your points about functionality, ease of use and work flow



are all valid points when comparing Paris to modern DAW systems. I'm not convinced on the sound front. It doesn't take much to get good sound out of Paris. As long as Paris sounds good and sums good, I see it as a very usable tool that's not costing me anything at this point.

>  
>> I'm from the show me state!  
>  
>  
>yeah, so show me :-)) you're the one who's claiming to have  
>a superior method of driving "hot" mixes. I do mastering a lot  
>and my statement would be that there's a million ways that  
>lead to Rome. Clipping is one of them, but it sure is not  
>the only one.  
>  
>you're the one who says that there's a special way that  
>results in superior "hot" sound. So, since you're "from  
>the show me state", I'm very much looking forward to that.  
>maybe I missed that all these years that I've been running  
>Paris (and happily clipping the master bus when I found  
>it appropriate, though definitely not always).  
>  
>

I just wanted to hear what you were talking about. I'd like to hear a comparison for myself being that audio is somewhat subjective.

---

Subject: Re: the last Paris app we need?  
Posted by [derek](#) on Mon, 12 Jan 2009 17:19:23 GMT  
[View Forum Message](#) <> [Reply to Message](#)

"James McCloskey" <[excelsm@hotmail.com](mailto:excelsm@hotmail.com)> wrote:  
that was  
>>incompatible with what the other solution they had  
>>recommended 3rd party developers to use, causing once again  
>>3rd party developers to jump through totally unnecessary hoops.  
>  
>I heard differently.

ok, my source was a press release of Steinberg explaining the 64bit situation, and I heard the same from a NI developer. and your source is...?

>Apple has made changes to their ADK over the years, and Apple products are

>better off for it, it's called improvement.

....and that improvement is what exactly? name me a real life improvement people got out of the forced switch from VST plugins to audio units. what did they get in return for having their whole plugin collections being made obsolete at one point?

> It isn't like there wasn't years  
>of growing pain with Vista.

note that the difference is that MS did not release vista during these years (a point you later cite as a negative, no less).

> As a former Apple Developer, the compiler has  
>a simple check box that writes a dual binary for PPC and Intel at the same  
>time, this is a fact, not BS. If you don't believe me look in to it yourself

im not denying the existence of that checkbox. im simply arguing that if it really had been that simple, the entire market of 3rd party softwares would have been intel ready within weeks. since in the real world it was more like more than a year and many stuff never got ported in the first place, i come to the conclusion that apparently things in the real world were a little more complex than that. its just an observation. you dont have to agree.

>Steinberg has not always released their products in parallel, and that's  
>part of my point.

most of the time they have, and when they hadnt, sometimes the mac version came out first, sometimes the pc version. but really, most of the time the releases were on the same day, which is actually quite an achievement given the constant need for recoding for apple whereas the pcs backwards compability reaches back to somewhere around win 2000 or even win 98.

> My point was that Steinberg's Mac products have lagged  
>behind in performance with code that was not optimized up to date.

yes, but thats hardly steinbergs fault. accross all softwares,  
OSX is a little less performant than XP. dont take my word  
for it. theres been many many benchmarks out there. dont like  
steinberg, try ableton, heck, even try digi who usually make  
it a point that theyre "very mac".

or are all of these just not giving the mac enough "top  
priority"?

> I believe  
>Steinberg has lost Mac customers as a result. Steinberg and the Mac community  
>for years supported each other before Steinberg products were ever on the  
>PC platform. It's a good thing that Apple and Mac users supported Steinberg  
>for all these years, don't you think?

i dont care about stuff that happened back in the mid nineties.  
personally i still used an atari then, then a mac running cubase,  
didnt like it much because the UI was a lot slower than on  
the atari, and when i got paris in late 97 i got a pc for it  
(which in parises case clearly turned out to be the better  
choice, im tempted to say) and at that point cubase pc was  
already at 3.something.

but if you care about it: if there had been a theoretical year where there  
was no more atari userbase but no pc version  
yet, let me say it out loud, thank you, mac users!  
oh wait, i was one of them. thank you, derek, for supporting  
steinberg, be it with your atari or your mac license :-)

>There has been a narrowing down of DAW software Manufacturers over the years.

i think the overall number has increased quite a bit.  
lots of modern hosts such as the whole tracker scene or  
stuff like the awesome reaper showed up. a lot more than what died away  
i would think.

> There are still plenty of companies that support the Mac platform and that's  
>not likely to change.

youre argueing against stuff i didnt even say.

>PLEASE! Dude, your still on an operating system from 2001 due to MS's blunders  
>and upgrade issues with Windows Vista!

no "dude", im still on it because it works. what awesome audio improvements did i miss? the system i work on is the one that consistently wins all benchmarks, it supports all plugin and audio standards and its stable as hell.

there simply is nothing besides my 4GB ram now not being enough anymore that ever tempted me to change, so only now do i plan to change. come on, youre the expert, name me something audio related that i missed all these years that i happily spent on that OS from 2001. i find it hilarious that you try to make that a bad thing. its clearly a very very good thing and i will remember XP very fondly once i made the switch.

> And talk about upgrade cycles, a  
>5 YEAR wait for Vista!

....during which XP was supported with free upgrades. what exactly is good in having to upgrade your OS once a year and pay for the upgrade? i consider a long life span a plus for the OS (it says something about its quality too), and i certainly dont mind that all updates to it were completely free either.

> Talk about growing pains, upgrade and compatibility  
>issues, I've got one word for you, VISTA!!! You got no room to talk!

and youve got no examples, apparently :-)

> At  
>least Apple continues to improve their OS, every upgrade has been more than  
>worth the cost in features alone.

name me something audio related that i missed. and dont start with fancy photo viewers or whatever. if i crave a better picture viewer, i download one (actually i did 2 years ago when i got bored with the one i had and have a super fancy one ever since. for free. this is such a cool world we live in).

> Talk about the price of admission Mac

>OSX can be bought for \$129 or less, and there are not 5 or more versions  
>costing up to \$399.00. That's more than 3 times the cost of Mac OS X.

yeah it would be stupid to buy a vista license on its own.  
the way to buy MS has always been to just get it when you get  
a new computer. and the point about this was...?

> Just  
>look at the customer satisfaction rates, including XP, I'll take Mac OS X  
>thank you.

but youre not a fanboy. right :-)

>Your original post was about Paris no longer making sense, then you went  
>to Apple is the evil empire and Logic sucks.

yes, i made a joke about who i would consider "the dark side"  
these days in regards to the whole apple/logic story.  
i dont care much actually, ever since i dont have to use  
the program in other studios anymore, so in that regard i  
probably would have to thank apple for that too.

you just couldnt get over me stating my opinion, apparently.  
but it is my opinion. cant help it.

> Instead of us having the next  
>Mac verses PC war, why don't we stick to Paris vs. other DAWs and we can  
>leave Logic out of it.

oh, but theres two ways of getting there. you might just as  
well show the grandeur of ignoring me when i state an opinion  
that you dont like.

that usually is considered the better approach than  
to try to stop people from voicing their opinions.

youre welcome to your own "microsoft sucks" statements  
as much as you like. be my guest, write a whole post about  
this stuff and watch me ignore it ;-)

>Yes PC users always know more about Macs than Mac users about Mac performance



>and all the "swooshing" stuff.

im talking about benchmarks from manufacturers such as ableton, steinberg, NI or independant computer manufacturers such as ADK (who sell both pcs and macs) and numerous benchmarks i read in germans sound&recording or keyboards magazine.

sure, maybe its all a conspiracy. i wouldnt know. but i also wouldnt care much, my whole point these days is that the performance you get is so huge that these details dont matter anymore. who cares whether an octocore machine runs 800 instances of a plugin or just 730 when in reality you wouldnt ever need more than 100 of them?

see where im coming from with this?

> As I recall,  
>there were Audio softwares that were not Vista ready, and many that won't  
>work with Vista 64, but what ever.

ok, for the sake of the argument. heres the list of softwares that initially were not macintel compatible: all but logic. no wait, all including logic, but logic shortly followed after the introduction.

name me which major players daws did not run on vistas initial release. i dont recall a single one.

>64bit has been around since the 60's,

so what was your point about the catching up? are you argueing that XP64bit was not released early enough? if so, fair enough, allthough i must say that considering that this is all so many years ago and you were actually talking about vista (which came as 64bit upon initial release) im not quite sure what youre trying to say here. and for me personally, all that counts is that NOW i have a machine thats so powerful that my bottleneck is not CPU anymore but RAM, so its NOW that im interested in 64bit, and today i can choose from xp64, vista64, i could install the free windows 7 beta (which according to nuendo forum reports runs nuendo just fine and super fast already as it is) or OSX. and linux and some more stuff too, im sure.

>And you can quit with the Mac fan boy shit.

sorry, man. youre acting like a fanboy IMO. its just an observation. im sure you can get over it. you dont have to agree with my observation (seems like i cannot state that often enough).

>Logic 8 is a big improvement.

if you say so.

>Well I own 7 different Daw softwares. When I was a dealer I sold most of  
>them, so yeah. I don't know it all that's for sure. I wasn't looking for  
>a Logic vs. Samplitude war either. I was just saying Logic 8 is incredible  
>software, I didn't say it's the best.

jup, and i was saying i dont find anything about it incredible at all and stated some examples of a software that i find very "incredible" as reference, awesome features that i cant wait to have steinberg implement into nuendo ASAP please. wouldnt you agree that those features i described are pretty awesome? i mean, multitrack editing suites that beat beat detective, internal melodyne style piano roll editing of audio, object based mixing in addition to traditional track+mixer approach etc etc, isnt that something youd like logic to have too?

i dont understand why you have a problem with something like that, or how you consider me listing some fabulous features from an audio software whose developers quite obviously are extremely skilled and super creative equals "starting a war".

i can just as well describe to you what i like about protools. protools has playlists, which is hands down the simplest, most powerful yet most intuitive way of multiple sets of multitrack recording there is. protools has a very nice automation, super precise transient detection thats better than all of the competition, a nice suite of offline processes and the software, while dull and boring is extremely stable.

now, would you consider me listing these advantages over the competition "starting a war" too? probably not. then answer me this, why would that be different if i listed stuff like that for samplitude?

>>well, i have presented you with quite a few factual statements,  
>>and if your reaction is a mere "i still disagree", well, what else is there  
>>to say.

>>

>

>Just about the sound and summing.

my factual statements were about sound and summing.  
a null test is a test you usually do to get all the  
urban myths or grand "its all subjective" statements  
out of the topic. you can debunk all such statements  
with a successful null test, its positive proof that  
candidate A sounds exactly the same as candidate B.

i present you with that and your response is "i still  
think it sounds different". fair enough. but then  
we dont need to continue that discussion because you  
apparently dont share my methodical approach to this  
topic and prefer to leave stuff in the dark or "subjective".

>>> I don't doubt that at unity gain or less, you  
>>>could get tracks to null,  
I'd like to see you get them to null when the  
>>Paris  
>>>tracks are pushed.

so you DO believe paris sounds the same, but sounds  
different only when you push stuff into clipping?

>What I'm saying is I like the sound of Paris. What I'm saying is Paris  
sounds  
>different to me than other DAWs I've heard.

again, when clipping or in general? cause if youd say also in general,  
thats the opposite of saying that you do believe that  
its easy to do a positive null test when you dont drive  
tracks into clipping.

which one is it gonna be?

> I don't believe all DAWs sound  
>the same.

same question as above. only when clipping or also without?

> I'm not  
>convinced on the sound front.

what part of a positive null test do you find "not convincing"?

>I just wanted to hear what you were talking about. I'd like to hear a comparison  
>for myself being that audio is somewhat subjective.

that would need the assumption that daw sound characteristics make a bigger difference than the actual mixing choices the engineer makes, which of course is not the case, im sure we will agree on that. so all you would get out of listening to mixes from me is whether or not you like my style of mixing (if youre really interested, feel free to google me, im sure theres enough stuff you could download for free over P2P).

youre the one claiming to have the magic daw that sounds different in such a fundamental way, not me. my mixes sound just like anyone elses (for better or worse, i.e. many of my commercial projects are mastered to loudness insanity following the usual sick industry standards). so IMO it would be up to you to show such a fundamental difference.

especially considering that ive used that same supposedly magic tool for years too :-)

---

Subject: stands

Posted by [studiodog\\_99](#) on Mon, 12 Jan 2009 17:35:05 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

This look great - do you have any Pic's of them standing (full shot). I think I may make these also - thanks!!

TC <[tc@spammetodeathyoubastards.org](mailto:tc@spammetodeathyoubastards.org)> wrote:

>That's great, thanks for the info. I'll probably build some stands also.

>  
>I'd prefer that to wall mounting, at least for some of them (the ones  
>that will need to be corner mounted etc.)  
>  
>Are you happy with them? I know the price on them is great..  
>  
>Mine should be showing up early next week.  
>  
>Cheers,  
>  
>TC  
>  
>Deej wrote:  
>> TC <tc@spammetodeathyoubastards.org> wrote:  
>>> Hey Deej,  
>>>  
>>> Very cool.. Did you make those panels yourself?  
>>>  
>>> I just ordered some last week from atsacoustics.com. I like the stands  
  
>>> you have there. I'm assuming you made those? Looks like a good simple  
  
>>> solution..  
>>>  
>>> Cheers,  
>>>  
>>> TC  
>>>  
>>  
>> These are ATS 4" x 24" x 48" baffles. They were running a special in December..free  
>> shipping. I got 25 of them. They showed up in five days. I built the stands  
>> myself out of 2 x 4's.  
>>  
>> Post #14 of this thread describes the process in detail.  
>> <http://www.3daudioinc.com/3db/showthread.php?t=16090&page=2> and post #31  
>> shows them in one of the tracking rooms  
>>  
>>  
>> -----  
>>

---

Subject: Re: the last paris app we need?  
Posted by [Kim W](#) on Wed, 14 Jan 2009 13:57:57 GMT  
[View Forum Message](#) <> [Reply to Message](#)

Hey Derek.  
Nice to hear from you again.



I'm gonna stay right out of the platform/OS wars, as I can see pros and cons to all of them. (They are all just recording tools, after all). I Have Cubase, Protools, Paris, and Samplitude. And yes!! I agree with you about Samplitude. At present I use it primarily for Mastering and Sound design. The object-oriented mixing is amazing. (dare I say, revolutionary..) This will be my next multitrack DAW for sure, when I get tired of Paris workarounds. But for now, Paris still makes my life easy, sonically. For me, Protools and Cubase are somewhat uninspiring to use, except of course the midi aspect of Cubase. I'm confident that the midi implementation of Samplitude is by now (or will be soon) up to scratch. (I'm still running version 8). How do you use Samplitude? Anyway, Keep well. Nice to see you still have the passion, even though it's ruffled a few feathers around here. Kim

"derek" <a@b.com> wrote:

>

>"James McCloskey" <excelsm@hotmail.com> wrote:

>that was

>>>incompatible with what the other solution they had

>>>recommended 3rd party developers to use, causing once again

>>>3rd party developers to jump through totally unnecessary hoops.

>>

>>I heard differently.

>

>

>ok, my source was a press release of steinberg

>explaining the 64bit situation, and i heard

>the same from a NI developer. and your source is...?

>

>

>

>>Apple has made changes to their ADK over the years, and Apple products are

>>better off for it, it's called improvement.

>

>

>...and that improvement is what exactly? name me a real

>life improvement people got out of the forced switch

>from VST plugins to audio units. what did they get in  
>return for having their whole plugin collections being  
>made obsolete at one point?  
>  
>  
>> It isn't like there wasn't years  
>>of growing pain with Vista.  
>  
>  
>note that the difference is that MS did not release  
>vista during these years (a point you later cite  
>as a negative, no less).  
>  
>  
>  
>> As a former Apple Developer, the compiler has  
>>a simple check box that writes a dual binary for PPC and Intel at the same  
>>time, this is a fact, not BS. If you don't believe me look in to it yourself  
>  
>  
>im not denying the existence of that checkbox. im  
>simply argueing that if it really had been that simple,  
>the entire market of 3rd party softwares would have been  
>intel ready within weeks. since in the real world it  
>was more like more than a year and many stuff never got  
>ported in the first place, i come to the conclusion that  
>apparently things in the real world were a little more  
>complex than that. its just an observation. you dont have  
>to agree.  
>  
>  
>>Steinberg has not always released their products in parallel, and that's  
>>part of my point.  
>  
>  
>most of the time they have, and when they hadnt, sometimes  
>the mac version came out first, sometimes the pc version.  
>but really, most of the time the releases were on the same  
>day, which is actually quite an archievement given the constant  
>need for recoding for apple whereas the pcs backwards compability  
>reaches back to somewhere around win 2000 or even win 98.  
>  
>  
>> My point was that Steinberg's Mac products have lagged  
>>behind in performance with code that was not optimized up to date.  
>  
>yes, but thats hardly steinbergs fault. accross all softwares,  
>OSX is a little less performant than XP. dont take my word

>for it. theres been many many benchmarks out there. dont like  
>steinberg, try ableton, heck, even try digi who usually make  
>it a point that theyre "very mac".  
>  
>or are all of these just not giving the mac enough "top  
>priority"?.  
>  
>  
>> I believe  
>>Steinberg has lost Mac customers as a result. Steinberg and the Mac community  
>>for years supported each other before Steinberg products were ever on the  
>>PC platform. It's a good thing that Apple and Mac users supported Steinberg  
>>for all these years, don't you think?  
>  
>  
>i dont care about stuff that happened back in the mid nineties.  
>personally i still used an atari then, then a mac running cubase,  
>didnt like it much because the UI was a lot slower than on  
>the atari, and when i got paris in late 97 i got a pc for it  
>(which in parises case clearly turned out to be the better  
>choice, im tempted to say) and at that point cubase pc was  
>already at 3.something.  
>  
>but if you care about it: if there had been a theoretical year where there  
>was no more atari userbase but no pc version  
>yet, let me say it out loud, thank you, mac users!  
>oh wait, i was one of them. thank you, derek, for supporting  
>steinberg, be it with your atari or your mac license :-)  
>  
>  
>>There has been a narrowing down of DAW software Manufacturers over the  
years.  
>  
>i think the overall number has increased quite a bit.  
>lots of modern hosts such as the whole tracker scene or  
>stuff like the awesome reaper showed up. a lot more than what died away  
>i would think.  
>  
>  
>> There are still plenty of companies that support the Mac platform and  
that's  
>>not likely to change.  
>  
>youre argueing against stuff i didnt even say.  
>  
>  
>>PLEASE! Dude, your still on an operating system from 2001 due to MS's  
blunders

>>and upgrade issues with Windows Vista!  
>  
>no "dude", im still on it because it works. what awesome audio  
>improvements did i miss? the system i work on is the one  
>that consistently wins all benchmarks, it supports all plugin  
>and audio standards and its stable as hell.  
>  
>there simply is nothing besides my 4GB ram now not  
>being enough anymore that ever tempted me to  
>change, so only now do i plan to change. come on, youre the expert, name  
>me something audio related that i missed all  
>these years that i happily spent on that OS from 2001.  
>i find it hilarious that you try to make that a bad thing.  
>its clearly a very very good thing and i will remember XP  
>very fondly once i made the switch.  
>  
>  
>> And talk about upgrade cycles, a  
>>5 YEAR wait for Vista!  
>  
>...during which XP was supported with free upgrades.  
>what exactly is good in having to upgrade your OS  
>once a year and pay for the upgrade? i consider a long life span a plus  
for  
>the OS (it says something about its quality too), and i certainly dont mind  
>that all updates to it were  
>completely free either.  
>  
>  
>> Talk about growing pains, upgrade and compatibility  
>>issues, I've got one word for you, VISTA!!! You got no room to talk!  
>  
>and youve got no examples, apparently :-)  
>  
>  
>> At  
>>least Apple continues to improve their OS, every upgrade has been more  
than  
>>worth the cost in features alone.  
>  
>name me something audio related that i missed. and dont  
>start with fancy photo viewers or whatever. if i crave a better  
>picture viewer, i download one (actually i did 2 years ago  
>when i got bored with the one i had and have a super fancy  
>one ever since. for free. this is such a cool world we live in).  
>  
>  
>> Talk about the price of admission Mac

>>OSX can be bought for \$129 or less, and there are not 5 or more versions  
>>costing up to \$399.00. That's more than 3 times the cost of Mac OSX.  
>  
>yeah it would be stupid to buy a vista license on its own.  
>the way to buy MS has always been to just get it when you get  
>a new computer. and the point about this was...?  
>  
>  
>> Just  
>>look at the customer satisfaction rates, including XP, I'll take Mac OSX  
>>thank you.  
>  
>but youre not a fanboy. right :-)  
>  
>  
>  
>>Your original post was about Paris no longer making sense, then you went  
>>to Apple is the evil empire and Logic sucks.  
>  
>  
>yes, i made a joke about who i would consider "the dark side"  
>these days in regards to the whole apple/logic story.  
>i dont care much actually, ever since i dont have to use  
>the program in other studios anymore, so in that regard i  
>probably would have to thank apple for that too.  
>  
>you just couldnt get over me stating my opinion, apparently.  
>but it is my opinion. cant help it.  
>  
>  
>> Instead of us having the next  
>>Mac verses PC war, why don't we stick to Paris vs. other DAWs and we can  
>>leave Logic out of it.  
>  
>  
>oh, but theres two ways of getting there. you might just as  
>well show the grandeur of ignoring me when i state an opinion  
>that you dont like.  
>  
>that usually is considered the better approach than  
>to try to stop people from voicing their opinions.  
>  
>youre welcome to your own "microsoft sucks" statements  
>as much as you like. be my guest, write a whole post about  
>this stuff and watch me ignore it ;-)  
>  
>  
>>Yes PC users always know more about Macs than Mac users about Mac performance



>>and all the "swooshing' stuff.  
>  
>  
>im talking about benchmarks from manufacturers such as ableton,  
>steinberg, NI or independant computer manufacturers such as  
>ADK (who sell both pcs and macs) and numerous benchmarks i read  
>in germans sound&recording or keyboards magazine.  
>  
>sure, maybe its all a conspiracy. i wouldnt know. but i  
>also wouldnt care much, my whole point these days is that  
>the performance you get is so huge that these details dont  
>matter anymore. who cares whether an octocore machine runs  
>800 instances of a plugin or just 730 when in reality you wouldnt  
>ever need more than 100 of them?  
>  
>see where im coming from with this?  
>  
>  
>> As I recall,  
>>there were Audio softwares that were not Vista ready, and many that won't  
>>work with Vista 64, but what ever.  
>  
>  
>ok, for the sake of the argument. heres the list of softwares  
>that initially were not macintel compatible: all but logic.  
>no wait, all including logic, but logic shortly followed  
>after the introduction.  
>  
>name me which major players daws did not run on vistas initial  
>release. i dont recall a single one.  
>  
>  
>>64bit has been around since the 60's,  
>  
>so what was your point about the catching up? are you  
>argueing that XP64bit was not released early enough?  
>if so, fair enough, allthogh i must say that considering that  
>this is all so many years ago and you were actually talking about vista  
>(which came as 64bit upon initial release) im not  
>quite sure what youre trying to say here. and for me personally,  
>all that counts is that NOW i have a machine thats so powerful  
>that my bottleneck is not CPU anymore but RAM, so its  
>NOW that im interested in 64bit, and today i can choose from  
>xp64, vista64, i could install the free windows 7 beta  
>(which according to nuendo forum reports runs nuendo just  
>fine and super fast already as it is) or OSX. and linux  
>and some more stuff too, im sure.  
>

>  
>>And you can quit with the Mac fan boy shit.  
>  
>sorry, man. youre acting like a fanboy IMO. its just  
>an observation. im sure you can get over it. you dont have  
>to agree with my observation (seems like i cannot state  
>that often enough).  
>  
>>Logic 8 is a big improvement.  
>  
>  
>if you say so.  
>  
>  
>>Well I own 7 different Daw softwares. When I was a dealer I sold most  
of  
>>them, so yeah. I don't know it all that's for sure. I wasn't looking  
for  
>>a Logic vs. Samplitude war either. I was just saying Logic 8 is incredible  
>>software, I didn't say it's the best.  
>  
>jup, and i was saying i dont find anything about  
>it incredible at all and stated some examples of a software  
>that i find very "incredible" as reference, awesome features  
>that i cant wait to have steinberg implement into nuendo ASAP  
>please. wouldnt you agree that those features i described  
>are pretty awesome? i mean, multitrack editing suites that  
>beat beat detective, internal melodyne style piano roll editing  
>of audio, object based mixing in addition to traditional track+mixer approach  
>etc etc, isnt that something youd like  
>logic to have too?  
>  
>i dont understand why you have a problem with something  
>like that, or how  
>you consider me listing some fabulous features from an  
>audio software whose developers quite obviously are extremely  
>skilled and super creative equals "starting a war".  
>  
>i can just as well describe to you what i like about protools.  
>protools has playlists, which is hands down the simplest,  
>most powerful yet most intuitive way of multiple sets of  
>multitrack recording there is. protools has a very nice automation,  
>super precise transient detection thats better than  
>all of the competition, a nice suite of offline processes  
>and the software, while dull and boring is extremely stable.  
>  
>now, would you consider me listing these advantages over  
>the competition "starting a war" too? probably not. then

>answer me this, why would that be different if i listed  
>stuff like that for samplitude?  
>  
>  
>  
>>>well, i have presented you with quite a few factual statements,  
>>>and if your reaction is a mere "i still disagree", well, what else is  
there  
>>>to say.  
>>>  
>>  
>>Just about the sound and summing.  
>  
>  
>my factual statements were about sound and summing.  
>a null test is a test you usually do to get all the  
>urban myths or grand "its all subjective" statements  
>out of the topic. you can debunk all such statements  
>with a successful null test, its positive proof that  
>candidate A sounds exactly the same as candidate B.  
>  
>i present you with that and your response is "i still  
>think it sounds different". fair enough. but then  
>we dont need to continue that discussion because you  
>apparently dont share my methodolical approach to this  
>topic and prefer to leave stuff in the dark or "subjective".  
>  
>  
>  
>>>> I don't doubt that at unity gain or less, you  
>>>>could get tracks to null,  
> I'd like to see you get them to null when the  
>>>Paris  
>>>>tracks are pushed.  
>  
>  
>so you DO believe paris sounds the same, but sounds  
>different only when you push stuff into clipping?  
>  
>  
>  
>>What I'm saying is I like the sound of Paris. What I'm saying is Paris  
>sounds  
>>different to me than other DAWs I've heard.  
>  
>  
>again, when clipping or in general? cause if youd say also in general,  
>thats the opposite of saying that you do believe that

>its easy to do a positive null test when you dont drive  
>tracks into clipping.  
>  
>which one is it gonna be?  
>  
>  
>> I don't believe all DAWs sound  
>>the same.  
>  
>same question as above. only when clipping or also without?  
>  
>  
>> I'm not  
>>convinced on the sound front.  
>  
>what part of a positive null test do you find "not convincing"?  
>  
>  
>>I just wanted to hear what you were talking about. I'd like to hear a  
comparison  
>>for myself being that audio is somewhat subjective.  
>  
>  
>that would need the assumption that daw sound characteristics  
>make a bigger difference than the actual mixing choices  
>the engineer makes, which of course is not the case, im sure  
>we will agree on that. so all you would get out of  
>listening to mixes from me is whether or not you like my  
>style of mixing (if youre really interested, feel free to  
>google me, im sure theres enough stuff you could  
>download for free over P2P).  
>  
>youre the one claiming to have the magic daw that  
>sounds different in such a fundamental way, not me. my mixes  
>sound just like anyone elses (for better or worse, i.e.  
>many of my commercial projects are mastered to loudness  
>insanity following the usual sick industry standards).  
>so IMO it would be up to you to show such a fundamental difference.  
>  
>especially considering that ive used that same supposedly  
>magic tool for years too :-)  
>  
>  
>  
>

---

---

Subject: Re: the last paris app we need?  
Posted by TC on Wed, 14 Jan 2009 20:08:28 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

I think everyone here needs to take a step back and stop all the bickering about which app and platform is best. bla bla.. yada yada..

The dust has settled. That debate is now over. There is now only one true app to rule them all.. and it's only on windows. Sorry Steve Jobs, you lose.

It will truly blow your mind and make you rethink your whole approach to recording audio. (You can thank me later).

<http://research.microsoft.com/en-us/um/redmond/projects/song-smith/>

Cheers,

TC

Kim W. wrote:

- > Hey Derek.
- > Nice to hear from you again.
- > I'm gonna stay right out of the platform/OS wars, as I can see
- > pros and cons to all of them. (They are all just recording tools, after all).
- > I Have Cubase, Protools, Paris, and Samplitude.
- > And yes!! I agree with you about Samplitude.
- > At present I use it primarily for Mastering and Sound design.
- > The object-oriented mixing is amazing. (dare I say, revolutionary..)
- > This will be my next multitrack DAW for sure, when I get tired of Paris workarounds.
- > But for now, Paris still makes my life easy, sonically.
- > For me, Protools and Cubase are somewhat uninspiring to use, except
- > of course the midi aspect of Cubase.
- > I'm confident that the midi implementation of Samplitude is by now (or will
- > be soon) up to scratch. (I'm still running version 8).
- > How do you use Samplitude?
- > Anyway, Keep well.
- > Nice to see you still have the passion, even though it's
- > ruffled a few feathers around here.
- > Kim
- >
- >
- >
- >
- >



>  
>  
> "derek" <a@b.com> wrote:  
>> "James McCloskey" <excelsm@hotmail.com> wrote:  
>> that was  
>>>> incompatible with what the other solution they had  
>>>> recommended 3rd party developers to use, causing once again  
>>>> 3rd party developers to jump through totally unnecessary hoops.  
>>> I heard differently.  
>>  
>> ok, my source was a press release of steinberg  
>> explaining the 64bit situation, and i heard  
>> the same from a NI developer. and your source is...?  
>>  
>>  
>>  
>>> Apple has made changes to their ADK over the years, and Apple products  
> are  
>>> better off for it, it's called improvement.  
>>  
>> ...and that improvement is what exactly? name me a real  
>> life improvement people got out of the forced switch  
>> from VST plugins to audio units. what did they get in  
>> return for having their whole plugin collections being  
>> made obsolete at one point?  
>>  
>>  
>>> It isn't like there wasn't years  
>>> of growing pain with Vista.  
>>  
>> note that the difference is that MS did not release  
>> vista during these years (a point you later cite  
>> as a negative, no less).  
>>  
>>  
>>  
>>> As a former Apple Developer, the compiler has  
>>> a simple check box that writes a dual binary for PPC and Intel at the same  
>>> time, this is a fact, not BS. If you don't believe me look in to it yourself  
>>  
>> im not denying the existence of that checkbox. im  
>> simply argueing that if it really had been that simple,  
>> the entire market of 3rd party softwares would have been  
>> intel ready within weeks. since in the real world it  
>> was more like more than a year and many stuff never got  
>> ported in the first place, i come to the conclusion that  
>> apparently things in the real world were a little more  
>> complex than that. its just an observation. you dont have

>> to agree.  
>>  
>>  
>>> Steinberg has not always released their products in parallel, and that's  
>>> part of my point.  
>>  
>> most of the time they have, and when they hadnt, sometimes  
>> the mac version came out first, sometimes the pc version.  
>> but really, most of the time the releases were on the same  
>> day, which is actually quite an archievement given the constant  
>> need for recoding for apple whereas the pcs backwards compability  
>> reaches back to somewhere around win 2000 or even win 98.  
>>  
>>  
>>> My point was that Steinberg's Mac products have lagged  
>>> behind in performance with code that was not optimized up to date.  
>> yes, but thats hardly steinbergs fault. accross all softwares,  
>> OSX is a little less performant than XP. dont take my word  
>> for it. theres been many many benchmarks out there. dont like  
>> steinberg, try ableton, heck, even try digi who usually make  
>> it a point that theyre "very mac".  
>>  
>> or are all of these just not giving the mac enough "top  
>> priority"?  
>>  
>>  
>>> I believe  
>>> Steinberg has lost Mac customers as a result. Steinberg and the Mac community  
>>> for years supported each other before Steinberg products were ever on the  
>>> PC platform. It's a good thing that Apple and Mac users supported Steinberg  
>>> for all these years, don't you think?  
>>  
>> i dont care about stuff that happened back in the mid nineties.  
>> personally i still used an atari then, then a mac running cubase,  
>> didnt like it much because the UI was a lot slower than on  
>> the atari, and when i got paris in late 97 i got a pc for it  
>> (which in parises case clearly turned out to be the better  
>> choice, im tempted to say) and at that point cubase pc was  
>> already at 3.something.  
>>  
>> but if you care about it: if there had been a theoretical year where there  
>> was no more atari userbase but no pc version  
>> yet, let me say it out loud, thank you, mac users!  
>> oh wait, i was one of them. thank you, derek, for supporting  
>> steinberg, be it with your atari or your mac license :-)  
>>  
>>  
>>> There has been a narrowing down of DAW software Manufacturers over the

> years.  
>> i think the overall number has increased quite a bit.  
>> lots of modern hosts such as the whole tracker scene or  
>> stuff like the awesome reaper showed up. a lot more than what died away  
>> i would think.  
>>  
>>  
>>> There are still plenty of companies that support the Mac platform and  
> that's  
>>> not likely to change.  
>> youre argueing against stuff i didnt even say.  
>>  
>>  
>>> PLEASE! Dude, your still on an operating system from 2001 due to MS's  
> blunders  
>>> and upgrade issues with Windows Vista!  
>> no "dude", im still on it because it works. what awesome audio  
>> improvements did i miss? the system i work on is the one  
>> that consistently wins all benchmarks, it supports all plugin  
>> and audio standards and its stable as hell.  
>>  
>> there simply is nothing besides my 4GB ram now not  
>> being enough anymore that ever tempted me to  
>> change, so only now do i plan to change. come on, youre the expert, name  
>> me something audio related that i missed all  
>> these years that i happily spent on that OS from 2001.  
>> i find it hilarious that you try to make that a bad thing.  
>> its clearly a very very good thing and i will remember XP  
>> very fondly once i made the switch.  
>>  
>>  
>>> And talk about upgrade cycles, a  
>>> 5 YEAR wait for Vista!  
>> ...during which XP was supported with free upgrades.  
>> what exactly is good in having to upgrade your OS  
>> once a year and pay for the upgrade? i consider a long life span a plus  
> for  
>> the OS (it says something about its quality too), and i certainly dont mind  
>> that all updates to it were  
>> completely free either.  
>>  
>>  
>>> Talk about growing pains, upgrade and compatibility  
>>> issues, I've got one word for you, VISTA!!! You got no room to talk!  
>> and youve got no examples, apparently :-)  
>>  
>>  
>>> At

>>> least Apple continues to improve their OS, every upgrade has been more  
> than  
>>> worth the cost in features alone.  
>> name me something audio related that i missed. and dont  
>> start with fancy photo viewers or whatever. if i crave a better  
>> picture viewer, i download one (actually i did 2 years ago  
>> when i got bored with the one i had and have a super fancy  
>> one ever since. for free. this is such a cool world we live in).  
>>  
>>  
>>> Talk about the price of admission Mac  
>>> OSX can be bought for \$129 or less, and there are not 5 or more versions  
>>> costing up to \$399.00. That's more than 3 times the cost of Mac OSX.  
>> yeah it would be stupid to buy a vista license on its own.  
>> the way to buy MS has always been to just get it when you get  
>> a new computer. and the point about this was...?  
>>  
>>  
>>> Just  
>>> look at the customer satisfaction rates, including XP, I'll take Mac OSX  
>>> thank you.  
>> but youre not a fanboy. right :-)  
>>  
>>  
>>  
>>> Your original post was about Paris no longer making sense, then you went  
>>> to Apple is the evil empire and Logic sucks.  
>>  
>> yes, i made a joke about who i would consider "the dark side"  
>> these days in regards to the whole apple/logic story.  
>> i dont care much actually, ever since i dont have to use  
>> the program in other studios anymore, so in that regard i  
>> probably would have to thank apple for that too.  
>>  
>> you just couldnt get over me stating my opinion, apparently.  
>> but it is my opinion. cant help it.  
>>  
>>  
>>> Instead of us having the next  
>>> Mac verses PC war, why don't we stick to Paris vs. other DAWs and we can  
>>> leave Logic out of it.  
>>  
>> oh, but theres two ways of getting there. you might just as  
>> well show the grandeur of ignoring me when i state an opinion  
>> that you dont like.  
>>  
>> that usually is considered the better approach than  
>> to try to stop people from voicing their opinions.

>>  
>> youre welcome to your own "microsoft sucks" statements  
>> as much as you like. be my guest, write a whole post about  
>> this stuff and watch me ignore it ;-)  
>>  
>>  
>>> Yes PC users always know more about Macs than Mac users about Mac performance  
>>> and all the "swooshing" stuff.  
>>  
>> im talking about benchmarks from manufacturers such as ableton,  
>> steinberg, NI or independant computer manufacturers such as  
>> ADK (who sell both pcs and macs) and numerous benchmarks i read  
>> in germans sound&recording or keyboards magazine.  
>>  
>> sure, maybe its all a conspiracy. i wouldnt know. but i  
>> also wouldnt care much, my whole point these days is that  
>> the performance you get is so huge that these details dont  
>> matter anymore. who cares whether an octocore machine runs  
>> 800 instances of a plugin or just 730 when in reality you wouldnt  
>> ever need more than 100 of them?  
>>  
>> see where im coming from with this?  
>>  
>>  
>>> As I recall,  
>>> there were Audio softwares that were not Vista ready, and many that won't  
>>> work with Vista 64, but what ever.  
>>  
>> ok, for the sake of the argument. heres the list of softwares  
>> that initially were not macintel compatible: all but logic.  
>> no wait, all including logic, but logic shortly followed  
>> after the introduction.  
>>  
>> name me which major players daws did not run on vistas initial  
>> release. i dont recall a single one.  
>>  
>>  
>>> 64bit has been around since the 60's,  
>> so what was your point about the catching up? are you  
>> arguing that XP64bit was not released early enough?  
>> if so, fair enough, allthough i must say that considering that  
>> this is all so many years ago and you were actually talking about vista  
>> (which came as 64bit upon initial release) im not  
>> quite sure what youre trying to say here. and for me personally,  
>> all that counts is that NOW i have a machine thats so powerful  
>> that my bottleneck is not CPU anymore but RAM, so its  
>> NOW that im interested in 64bit, and today i can choose from  
>> xp64, vista64, i could install the free windows 7 beta



>> (which according to nuendo forum reports runs nuendo just  
>> fine and super fast already as it is) or OSX. and linux  
>> and some more stuff too, im sure.  
>>  
>>  
>>> And you can quit with the Mac fan boy shit.  
>> sorry, man. youre acting like a fanboy IMO. its just  
>> an observation. im sure you can get over it. you dont have  
>> to agree with my observation (seems like i cannot state  
>> that often enough).  
>>  
>>> Logic 8 is a big improvement.  
>>  
>> if you say so.  
>>  
>>  
>>> Well I own 7 different Daw softwares. When I was a dealer I sold most  
> of  
>>> them, so yeah. I don't know it all that's for sure. I wasn't looking  
> for  
>>> a Logic vs. Samplitude war either. I was just saying Logic 8 is incredible  
>>> software, I didn't say it's the best.  
>> jup, and i was saying i dont find anything about  
>> it incredible at all and stated some examples of a software  
>> that i find very "incredible" as reference, awesome features  
>> that i cant wait to have steinberg implement into nuendo ASAP  
>> please. wouldnt you agree that those features i described  
>> are pretty awesome? i mean, multitrack editing suites that  
>> beat beat detective, internal melodyne style piano roll editing  
>> of audio, object based mixing in addition to traditional track+mixer approach  
>> etc etc, isnt that something youd like  
>> logic to have too?  
>>  
>> i dont understand why you have a problem with something  
>> like that, or how  
>> you consider me listing some fabulous features from an  
>> audio software whose developers quite obviously are extremely  
>> skilled and super creative equals "starting a war".  
>>  
>> i can just as well describe to you what i like about protools.  
>> protools has playlists, which is hands down the simplest,  
>> most powerful yet most intuitive way of multiple sets of  
>> multitrack recording there is. protools has a very nice automation,  
>> super precise transient detection thats better than  
>> all of the competition, a nice suite of offline processes  
>> and the software, while dull and boring is extremely stable.  
>>  
>> now, would you consider me listing these advantages over

>> the competition "starting a war" too? probably not. then  
>> answer me this, why would that be different if i listed  
>> stuff like that for samplitude?  
>>  
>>  
>>  
>>>> well, i have presented you with quite a few factual statements,  
>>>> and if your reaction is a mere "i still disagree", well, what else is  
> there  
>>>> to say.  
>>>>  
>>> Just about the sound and summing.  
>>  
>> my factual statements were about sound and summing.  
>> a null test is a test you usually do to get all the  
>> urban myths or grand "its all subjective" statements  
>> out of the topic. you can debunk all such statements  
>> with a successful null test, its positive proof that  
>> candidate A sounds exactly the same as candidate B.  
>>  
>> i present you with that and your response is "i still  
>> think it sounds different". fair enough. but then  
>> we dont need to continue that discussion because you  
>> apparently dont share my methodolical approach to this  
>> topic and prefer to leave stuff in the dark or "subjective".  
>>  
>>  
>>  
>>>>> I don't doubt that at unity gain or less, you  
>>>>> could get tracks to null,  
>> I'd like to see you get them to null when the  
>>>> Paris  
>>>>> tracks are pushed.  
>>  
>> so you DO believe paris sounds the same, but sounds  
>> different only when you push stuff into clipping?  
>>  
>>  
>>  
>>> What I'm saying is I like the sound of Paris. What I'm saying is Paris  
>> sounds  
>>> different to me than other DAWs I've heard.  
>>  
>> again, when clipping or in general? cause if youd say also in general,  
>> thats the opposite of saying that you do believe that  
>> its easy to do a positive null test when you dont drive  
>> tracks into clipping.  
>>

>> which one is it gonna be?  
>>  
>>  
>>> I don't believe all DAWs sound  
>>> the same.  
>> same question as above. only when clipping or also without?  
>>  
>>  
>>> I'm not  
>>> convinced on the sound front.  
>> what part of a positive null test do you find "not convincing"?  
>>  
>>  
>>> I just wanted to hear what you were talking about. I'd like to hear a  
> comparison  
>>> for myself being that audio is somewhat subjective.  
>>  
>> that would need the assumption that daw sound characteristics  
>> make a bigger difference than the actual mixing choices  
>> the engineer makes, which of course is not the case, im sure  
>> we will agree on that. so all you would get out of  
>> listening to mixes from me is whether or not you like my  
>> style of mixing (if youre really interested, feel free to  
>> google me, im sure theres enough stuff you could  
>> download for free over P2P).  
>>  
>> youre the one claiming to have the magic daw that  
>> sounds different in such a fundamental way, not me. my mixes  
>> sound just like anyone elses (for better or worse, i.e.  
>> many of my commercial projects are mastered to loudness  
>> insanity following the usual sick industry standards).  
>> so IMO it would be up to you to show such a fundamental difference.  
>>  
>> especially considering that ive used that same supposedly  
>> magic tool for years too :-)  
>>  
>>  
>>  
>>  
>>  
>

---

Subject: Re: the last paris app we need? - link  
Posted by [TC](#) on Wed, 14 Jan 2009 20:13:22 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Apparently the promo video was just too mind blowing, so they replaced it with some technical crap..

Here is the link to the video that was previously on their site.

<http://www.youtube.com/watch?v=3oGFogwcx-E>

TC wrote:

>  
> I think everyone here needs to take a step back and stop all the  
> bickering about which app and platform is best. bla bla.. yada yada..  
>  
> The dust has settled. That debate is now over. There is now only one  
> true app to rule them all.. and it's only on windows. Sorry Steve Jobs,  
> you lose.  
>  
> It will truly blow your mind and make you rethink your whole approach to  
> recording audio. (You can thank me later).  
>  
> <http://research.microsoft.com/en-us/um/redmond/projects/song-smith/>  
>  
>  
> Cheers,  
>  
> TC  
>

---

Subject: Re: the last paris app we need?

Posted by [kerryg](#) on Wed, 14 Jan 2009 20:25:50 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Oh my, those accompaniments are just superb! I just burned my "black book" of top session players - I won't be needing \*that\* old thing any more. I loved the "ridiculously fast" and "mind-numbingly slow" settings.

:D

- K

On 1/14/09 12:08 PM, in article 496e49ab@linux, "TC" <[tc@spammetodeathyoubastards.org](mailto:tc@spammetodeathyoubastards.org)> wrote:

>  
> I think everyone here needs to take a step back and stop all the  
> bickering about which app and platform is best. bla bla.. yada yada..  
>  
> The dust has settled. That debate is now over. There is now only one  
> true app to rule them all.. and it's only on windows. Sorry Steve Jobs,

> you lose.  
>  
> It will truly blow your mind and make you rethink your whole approach to  
> recording audio. (You can thank me later).  
>  
> <http://research.microsoft.com/en-us/um/redmond/projects/song-smith/>  
>  
>  
> Cheers,  
>  
> TC  
>  
>  
>  
>  
> Kim W. wrote:  
>> Hey Derek.  
>> Nice to hear from you again.  
>> I'm gonna stay right out of the platform/OS wars, as I can see  
>> pros and cons to all of them. (They are all just recording tools, after all).  
>> I Have Cubase, Protools, Paris, and Samplitude.  
>> And yes!! I agree with you about Samplitude.  
>> At present I use it primarily for Mastering and Sound design.  
>> The object-oriented mixing is amazing. (dare I say, revolutionary..)  
>> This will be my next multitrack DAW for sure, when I get tired of Paris  
>> workarounds.  
>> But for now, Paris still makes my life easy, sonically.  
>> For me, Protools and Cubase are somewhat uninspiring to use, except  
>> of course the midi aspect of Cubase.  
>> I'm confident that the midi implementation of Samplitude is by now (or will  
>> be soon) up to scratch. (I'm still running version 8).  
>> How do you use Samplitude?  
>> Anyway, Keep well.  
>> Nice to see you still have the passion, even though it's  
>> ruffled a few feathers around here.  
>> Kim  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>> "derek" <a@b.com> wrote:  
>>> "James McCloskey" <excelsm@hotmail.com> wrote:  
>>> that was  
>>>> incompatible with what the other solution they had  
>>>> recommended 3rd party developers to use, causing once again



>>>> 3rd party developers to jump through totally unnecessary hoops.  
>>>> I heard differently.  
>>>  
>>> ok, my source was a press release of steinberg  
>>> explaining the 64bit situation, and i heard  
>>> the same from a NI developer. and your source is...?  
>>>  
>>>  
>>>  
>>>> Apple has made changes to their ADK over the years, and Apple products  
>> are  
>>>> better off for it, it's called improvement.  
>>>  
>>> ...and that improvement is what exactly? name me a real  
>>> life improvement people got out of the forced switch  
>>> from VST plugins to audio units. what did they get in  
>>> return for having their whole plugin collections being  
>>> made obsolete at one point?  
>>>  
>>>  
>>>> It isn't like there wasn't years  
>>>> of growing pain with Vista.  
>>>  
>>> note that the difference is that MS did not release  
>>> vista during these years (a point you later cite  
>>> as a negative, no less).  
>>>  
>>>  
>>>  
>>>> As a former Apple Developer, the compiler has  
>>>> a simple check box that writes a dual binary for PPC and Intel at the same  
>>>> time, this is a fact, not BS. If you don't believe me look in to it  
>>>> yourself  
>>>  
>>> im not denying the existence of that checkbox. im  
>>> simply argueing that if it really had been that simple,  
>>> the entire market of 3rd party softwares would have been  
>>> intel ready within weeks. since in the real world it  
>>> was more like more than a year and many stuff never got  
>>> ported in the first place, i come to the conclusion that  
>>> apparently things in the real world were a little more  
>>> complex than that. its just an observation. you dont have  
>>> to agree.  
>>>  
>>>  
>>>> Steinberg has not always released their products in parallel, and that's  
>>>> part of my point.  
>>>

>>> most of the time they have, and when they hadnt, sometimes  
>>> the mac version came out first, sometimes the pc version.  
>>> but really, most of the time the releases were on the same  
>>> day, which is actually quite an archievement given the constant  
>>> need for recoding for apple whereas the pcs backwards compability  
>>> reaches back to somewhere around win 2000 or even win 98.  
>>>  
>>>  
>>>> My point was that Steinberg's Mac products have lagged  
>>>> behind in performance with code that was not optimized up to date.  
>>> yes, but thats hardly steinbergs fault. accross all softwares,  
>>> OSX is a little less performant than XP. dont take my word  
>>> for it. theres been many many benchmarks out there. dont like  
>>> steinberg, try ableton, heck, even try digi who usually make  
>>> it a point that theyre "very mac".  
>>>  
>>> or are all of these just not giving the mac enough "top  
>>> priority"?  
>>>  
>>>  
>>>> I believe  
>>>> Steinberg has lost Mac customers as a result. Steinberg and the Mac  
>>>> community  
>>>> for years supported each other before Steinberg products were ever on the  
>>>> PC platform. It's a good thing that Apple and Mac users supported  
>>>> Steinberg  
>>>> for all these years, don't you think?  
>>>  
>>> i dont care about stuff that happened back in the mid nineties.  
>>> personally i still used an atari then, then a mac running cubase,  
>>> didnt like it much because the UI was a lot slower than on  
>>> the atari, and when i got paris in late 97 i got a pc for it  
>>> (which in parises case clearly turned out to be the better  
>>> choice, im tempted to say) and at that point cubase pc was  
>>> already at 3.something.  
>>>  
>>> but if you care about it: if there had been a theoretical year where there  
>>> was no more atari userbase but no pc version  
>>> yet, let me say it out loud, thank you, mac users!  
>>> oh wait, i was one of them. thank you, derek, for supporting  
>>> steinberg, be it with your atari or your mac license :-)  
>>>  
>>>  
>>>> There has been a narrowing down of DAW software Manufacturers over the  
>> years.  
>>> i think the overall number has increased quite a bit.  
>>> lots of modern hosts such as the whole tracker scene or  
>>> stuff like the awesome reaper showed up. a lot more than what died away

>>> i would think.  
>>>  
>>>  
>>>> There are still plenty of companies that support the Mac platform and  
>> that's  
>>>> not likely to change.  
>>> youre argueing against stuff i didnt even say.  
>>>  
>>>  
>>>> PLEASE! Dude, your still on an operating system from 2001 due to MS's  
>> blunders  
>>>> and upgrade issues with Windows Vista!  
>>> no "dude", im still on it because it works. what awesome audio  
>>> improvements did i miss? the system i work on is the one  
>>> that consistently wins all benchmarks, it supports all plugin  
>>> and audio standards and its stable as hell.  
>>>  
>>> there simply is nothing besides my 4GB ram now not  
>>> being enough anymore that ever tempted me to  
>>> change, so only now do i plan to change. come on, youre the expert, name  
>>> me something audio related that i missed all  
>>> these years that i happily spent on that OS from 2001.  
>>> i find it hilarious that you try to make that a bad thing.  
>>> its clearly a very very good thing and i will remember XP  
>>> very fondly once i made the switch.  
>>>  
>>>  
>>>> And talk about upgrade cycles, a  
>>>> 5 YEAR wait for Vista!  
>>> ...during which XP was supported with free upgrades.  
>>> what exactly is good in having to upgrade your OS  
>>> once a year and pay for the upgrade? i consider a long life span a plus  
>> for  
>>> the OS (it says something about its quality too), and i certainly dont mind  
>>> that all updates to it were  
>>> completely free either.  
>>>  
>>>  
>>>> Talk about growing pains, upgrade and compatibility  
>>>> issues, I've got one word for you, VISTA!!! You got no room to talk!  
>>> and youve got no examples, apparently :-)  
>>>  
>>>  
>>>> At  
>>>> least Apple continues to improve their OS, every upgrade has been more  
>> than  
>>>> worth the cost in features alone.  
>>> name me something audio related that i missed. and dont

>>> start with fancy photo viewers or whatever. if i crave a better  
>>> picture viewer, i download one (actually i did 2 years ago  
>>> when i got bored with the one i had and have a super fancy  
>>> one ever since. for free. this is such a cool world we live in).  
>>>  
>>>  
>>>> Talk about the price of admission Mac  
>>>> OSX can be bought for \$129 or less, and there are not 5 or more versions  
>>>> costing up to \$399.00. That's more than 3 times the cost of Mac OSX.  
>>> yeah it would be stupid to buy a vista license on its own.  
>>> the way to buy MS has always been to just get it when you get  
>>> a new computer. and the point about this was...?  
>>>  
>>>  
>>>> Just  
>>>> look at the customer satisfaction rates, including XP, I'll take Mac OSX  
>>>> thank you.  
>>> but youre not a fanboy. right :-)  
>>>  
>>>  
>>>  
>>>> Your original post was about Paris no longer making sense, then you went  
>>>> to Apple is the evil empire and Logic sucks.  
>>>  
>>> yes, i made a joke about who i would consider "the dark side"  
>>> these days in regards to the whole apple/logic story.  
>>> i dont care much actually, ever since i dont have to use  
>>> the program in other studios anymore, so in that regard i  
>>> probably would have to thank apple for that too.  
>>>  
>>> you just couldnt get over me stating my opinion, apparently.  
>>> but it is my opinion. cant help it.  
>>>  
>>>  
>>>> Instead of us having the next  
>>>> Mac verses PC war, why don't we stick to Paris vs. other DAWs and we can  
>>>> leave Logic out of it.  
>>>  
>>> oh, but theres two ways of getting there. you might just as  
>>> well show the grandeur of ignoring me when i state an opinion  
>>> that you dont like.  
>>>  
>>> that usually is considered the better approach than  
>>> to try to stop people from voicing their opinions.  
>>>  
>>> youre welcome to your own "microsoft sucks" statements  
>>> as much as you like. be my guest, write a whole post about  
>>> this stuff and watch me ignore it ;-)

>>>  
>>>  
>>>> Yes PC users always know more about Macs than Mac users about Mac  
>>>> performance  
>>>> and all the "swooshing" stuff.  
>>>  
>>> im talking about benchmarks from manufacturers such as ableton,  
>>> steinberg, NI or independant computer manufacturers such as  
>>> ADK (who sell both pcs and macs) and numerous benchmarks i read  
>>> in germans sound&recording or keyboards magazine.  
>>>  
>>> sure, maybe its all a conspiracy. i wouldnt know. but i  
>>> also wouldnt care much, my whole point these days is that  
>>> the performance you get is so huge that these details dont  
>>> matter anymore. who cares whether an octocore machine runs  
>>> 800 instances of a plugin or just 730 when in reality you wouldnt  
>>> ever need more than 100 of them?  
>>>  
>>> see where im coming from with this?  
>>>  
>>>  
>>>> As I recall,  
>>>> there were Audio softwares that were not Vista ready, and many that won't  
>>>> work with Vista 64, but what ever.  
>>>  
>>> ok, for the sake of the argument. heres the list of softwares  
>>> that initially were not macintel compatible: all but logic.  
>>> no wait, all including logic, but logic shortly followed  
>>> after the introduction.  
>>>  
>>> name me which major players daws did not run on vistas initial  
>>> release. i dont recall a single one.  
>>>  
>>>  
>>>> 64bit has been around since the 60's,  
>>> so what was your point about the catching up? are you  
>>> argueing that XP64bit was not released early enough?  
>>> if so, fair enough, allthough i must say that considering that  
>>> this is all so many years ago and you were actually talking about vista  
>>> (which came as 64bit upon initial release) im not  
>>> quite sure what youre trying to say here. and for me personally,  
>>> all that counts is that NOW i have a machine thats so powerful  
>>> that my bottleneck is not CPU anymore but RAM, so its  
>>> NOW that im interested in 64bit, and today i can choose from  
>>> xp64, vista64, i could install the free windows 7 beta  
>>> (which according to nuendo forum reports runs nuendo just  
>>> fine and super fast already as it is) or OSX. and linux  
>>> and some more stuff too, im sure.



>>>  
>>>  
>>>> And you can quit with the Mac fan boy shit.  
>>> sorry, man. youre acting like a fanboy IMO. its just  
>>> an observation. im sure you can get over it. you dont have  
>>> to agree with my observation (seems like i cannot state  
>>> that often enough).  
>>>  
>>>> Logic 8 is a big improvement.  
>>>  
>>> if you say so.  
>>>  
>>>  
>>>> Well I own 7 different Daw softwares. When I was a dealer I sold most  
>> of  
>>>> them, so yeah. I don't know it all that's for sure. I wasn't looking  
>> for  
>>>> a Logic vs. Samplitude war either. I was just saying Logic 8 is incredible  
>>>> software, I didn't say it's the best.  
>>> jup, and i was saying i dont find anything about  
>>> it incredible at all and stated some examples of a software  
>>> that i find very "incredible" as reference, awesome features  
>>> that i cant wait to have steinberg implement into nuendo ASAP  
>>> please. wouldnt you agree that those features i described  
>>> are pretty awesome? i mean, multitrack editing suites that  
>>> beat beat detective, internal melodyne style piano roll editing  
>>> of audio, object based mixing in addition to traditional track+mixer  
>>> approach  
>>> etc etc, isnt that something youd like  
>>> logic to have too?  
>>>  
>>> i dont understand why you have a problem with something  
>>> like that, or how  
>>> you consider me listing some fabulous features from an  
>>> audio software whose developers quite obviously are extremely  
>>> skilled and super creative equals "starting a war".  
>>>  
>>> i can just as well describe to you what i like about protocols.  
>>> protocols has playlists, which is hands down the simplest,  
>>> most powerful yet most intuitive way of multiple sets of  
>>> multitrack recording there is. protocols has a very nice automation,  
>>> super precise transient detection thats better than  
>>> all of the competition, a nice suite of offline processes  
>>> and the software, while dull and boring is extremely stable.  
>>>  
>>> now, would you consider me listing these advantages over  
>>> the competition "starting a war" too? probably not. then  
>>> answer me this, why would that be different if i listed

>>> stuff like that for samplitude?  
>>>  
>>>  
>>>  
>>>> well, i have presented you with quite a few factual statements,  
>>>> and if your reaction is a mere "i still disagree", well, what else is  
>> there  
>>>> to say.  
>>>>  
>>>> Just about the sound and summing.  
>>>  
>>> my factual statements were about sound and summing.  
>>> a null test is a test you usually do to get all the  
>>> urban myths or grand "its all subjective" statements  
>>> out of the topic. you can debunk all such statements  
>>> with a successful null test, its positive proof that  
>>> candidate A sounds exactly the same as candidate B.  
>>>  
>>> i present you with that and your response is "i still  
>>> think it sounds different". fair enough. but then  
>>> we dont need to continue that discussion because you  
>>> apparently dont share my methodolical approach to this  
>>> topic and prefer to leave stuff in the dark or "subjective".  
>>>  
>>>  
>>>  
>>>>> I don't doubt that at unity gain or less, you  
>>>>> could get tracks to null,  
>>> I'd like to see you get them to null when the  
>>>>> Paris  
>>>>> tracks are pushed.  
>>>  
>>> so you DO believe paris sounds the same, but sounds  
>>> different only when you push stuff into clipping?  
>>>  
>>>  
>>>  
>>>> What I'm saying is I like the sound of Paris. What I'm saying is Paris  
>>> sounds  
>>>> different to me than other DAWs I've heard.  
>>>  
>>> again, when clipping or in general? cause if youd say also in general,  
>>> thats the opposite of saying that you do believe that  
>>> its easy to do a positive null test when you dont drive  
>>> tracks into clipping.  
>>>  
>>> which one is it gonna be?  
>>>

>>>  
>>>> I don't believe all DAWs sound  
>>>> the same.  
>>> same question as above. only when clipping or also without?  
>>>  
>>>> I'm not  
>>>> convinced on the sound front.  
>>> what part of a positive null test do you find "not convincing"?  
>>>  
>>>> I just wanted to hear what you were talking about. I'd like to hear a  
>> comparison  
>>>> for myself being that audio is somewhat subjective.  
>>>  
>>> that would need the assumption that daw sound characteristics  
>>> make a bigger difference than the actual mixing choices  
>>> the engineer makes, which of course is not the case, im sure  
>>> we will agree on that. so all you would get out of  
>>> listening to mixes from me is whether or not you like my  
>>> style of mixing (if youre really interested, feel free to  
>>> google me, im sure theres enough stuff you could  
>>> download for free over P2P).  
>>>  
>>> youre the one claiming to have the magic daw that  
>>> sounds different in such a fundamental way, not me. my mixes  
>>> sound just like anyone elses (for better or worse, i.e.  
>>> many of my commercial projects are mastered to loudness  
>>> insanity following the usual sick industry standards).  
>>> so IMO it would be up to you to show such a fundamental difference.  
>>>  
>>> especially considering that ive used that same supposedly  
>>> magic tool for years too :-)  
>>>  
>>>  
>>>  
>>>  
>>>  
>>

---

Subject: Re: the last paris app we need?  
Posted by [TC](#) on Wed, 14 Jan 2009 21:03:51 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

I hear ya, I need Mike to crack the code so I can modify it to work with  
BFD and Massive, then I can really rock out..

My ATS panels arrived yesterday, but now I really have this strange urge

to find some glow in the dark towels to replace the fabric on them.. ;-)

Cheers,

TC

ps - call me when you get a chance (dvd - need your info..)

Kerry Galloway wrote:

> Oh my, those accompaniments are just superb! I just burned my "black book"

> of top session players - I won't be needing \*that\* old thing any more. I

> loved the "ridiculously fast" and "mind-numbingly slow" settings.

>

> :D

>

> - K

>>>>

>>>>

>

---

Subject: Re: the last paris app we need?

Posted by [derek](#) on Thu, 15 Jan 2009 00:17:15 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

"Kim W." <no@way.com> wrote:

>

>Hey Derek.

>Nice to hear from you again.

>I'm gonna stay right out of the platform/OS wars, as I can see

>pros and cons to all of them. (They are all just recording tools, after all).

absolutely :-)

>I Have Cubase, Protools, Paris, and Samplitude.

>And yes!! I agree with you about Samplitude.

>At present I use it primarily for Mastering and Sound design.

>The object-oriented mixing is amazing. (dare I say, revolutionary..)

>This will be my next multitrack DAW for sure, when I get tired of Paris workarounds.

>But for now, Paris still makes my life easy, sonically.

>For me, Protools and Cubase are somewhat uninspiring to use, except

>of course the midi aspect of Cubase.

yeah protocols is very boring...got forbid, imagine theyd make their program skinnable (a feature that, once again, only one program in this list has, samplitude) how creative people would get with that old dog. but of course that aint gonna happen, because that old dog image is part of digis game here. no graphics, no customizable key commands, no nothing...

....but hey, it works. its very stable, and you can count on something: if it HAS a feature, that feature is done right. thats someting i.e. steinberg often dont get right.

>I'm confident that the midi implementation of Samplitude is by now (or will >be soon) up to scratch. (I'm still running version 8).  
>How do you use Samplitude?

my "main" host is still nuendo...im just so used to it. but i do have samplitude and i keep using it more and more. by now, when i know i have some serious multitrack editing to do, i switch to samplitude cause of its multitrack "wizard" thing...

the midi is on par with the rest now. version 9 was a big step already, version 10 now feels very mature. let me put it this way, i opened the key editor and tried to find some aspect of the cubase and nuendo key editors i would possibly miss here, and i didnt find one. i didnt look THAT hard because for now i use samplitude very much for audio, but it all seemed to be there.

>Anyway, Keep well.  
>Nice to see you still have the passion, even though it's  
>ruffled a few feathers around here.  
>Kim

actually the person with the passion in this case would be james ;- ) he apparently didnt like my little offhand joke about apples dealing with poor emagic very much. but yes, when im asked about my opinion, i dont hesitate saying it out loud. precisely because its only audio software. you cant offend audio softwares. they dont have feelings.



....yet! :-)

best,  
derek

---

---

Subject: Re: the last paris app we need? - link  
Posted by [excelav](#) on Thu, 15 Jan 2009 03:41:35 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Lol! That was sooooo painful! That's soooo dorky! Only Ms could think that's cool! Reminds me of their "I'm a PC" campaign, just unoriginal and lame. Maybe his is MS's answer to Garage Band. Makes me think Bill wrote this himself, maybe his final code.

TC <tc@spammetodeathyoubastards.org> wrote:  
>Apparently the promo video was just too mind blowing, so they replaced  
>it with some technical crap..  
>  
>Here is the link to the video that was previously on their site.  
>  
> <http://www.youtube.com/watch?v=3oGFogwcx-E>  
>  
>  
>TC wrote:  
>>  
>> I think everyone here needs to take a step back and stop all the  
>> bickering about which app and platform is best. bla bla.. yada yada..  
>>  
>> The dust has settled. That debate is now over. There is now only one  
>> true app to rule them all.. and it's only on windows. Sorry Steve Jobs,  
  
>> you lose.  
>>  
>> It will truly blow your mind and make you rethink your whole approach  
to  
>> recording audio. (You can thank me later).  
>>  
>> <http://research.microsoft.com/en-us/um/redmond/projects/song-smith/>  
>>  
>>  
>> Cheers,  
>>  
>> TC  
>>

---

Subject: Re: the last paris app we need? - link  
Posted by [excelav](#) on Thu, 15 Jan 2009 03:46:33 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

By the way, is that a MacBook Pro she's using in the beginning of the video?

Bill wishes he was Steve Jobs, and Ballmer wishes he was an ape: )

TC <tc@spammetodeathyoubastards.org> wrote:

>Apparently the promo video was just too mind blowing, so they replaced  
>it with some technical crap..

>

>Here is the link to the video that was previously on their site.

>

> <http://www.youtube.com/watch?v=3oGFogwcx-E>

>

>

>TC wrote:

>>

>> I think everyone here needs to take a step back and stop all the  
>> bickering about which app and platform is best. bla bla.. yada yada..

>>

>> The dust has settled. That debate is now over. There is now only one  
>> true app to rule them all.. and it's only on windows. Sorry Steve Jobs,

>> you lose.

>>

>> It will truly blow your mind and make you rethink your whole approach  
to

>> recording audio. (You can thank me later).

>>

>> <http://research.microsoft.com/en-us/um/redmond/projects/song-smith/>

>>

>>

>> Cheers,

>>

>> TC

>>

---

Subject: Re: the last paris app we need? - link  
Posted by [TC](#) on Thu, 15 Jan 2009 06:57:10 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

I would recommend everyone download the high res version so you can  
enjoy it over and over again and again..

Hurry before Microsoft realizes that everyone involved with the making

of this commercial was high on crack..

<http://research.microsoft.com/en-us/um/redmond/projects/song-smith/videos/EveryoneHasASongInside.mov>

Cheers,

TC

James McCloskey wrote:

> By the way, is that a MacBook Pro she's using in the beginning of the video?

>

> Bill wishes he was Steve Jobs, and Ballmer wishes he was an ape: )

>

> TC <tc@spammetodeathyoubastards.org> wrote:

>> Apparently the promo video was just too mind blowing, so they replaced

>> it with some technical crap..

>>

>> Here is the link to the video that was previously on their site.

>>

>> <http://www.youtube.com/watch?v=3oGFogwcx-E>

>>

>>

>> TC wrote:

>>> I think everyone here needs to take a step back and stop all the

>>> bickering about which app and platform is best. bla bla.. yada yada..

>>>

>>> The dust has settled. That debate is now over. There is now only one

>>> true app to rule them all.. and it's only on windows. Sorry Steve Jobs,

>

>>> you lose.

>>>

>>> It will truly blow your mind and make you rethink your whole approach

> to

>>> recording audio. (You can thank me later).

>>>

>>> <http://research.microsoft.com/en-us/um/redmond/projects/song-smith/>

>>>

>>>

>>> Cheers,

>>>

>>> TC

>>>

>

Subject: Re: the last paris app we need? - link  
Posted by [kerryg](#) on Thu, 15 Jan 2009 07:52:00 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Oh, the song, it's stuck in my head... I feel like... Oh noooooooooo!  
Noooooooooooo!

These cliched chords and hackneyed drums  
Will make most listeners sick;  
I'd like to take that laptop out  
And smash it with a stick  
Sometimes it's hard to look away  
When passing highway wrecks;  
The worst part was imagining  
Those parents having (breakfast)  
This weird and creepy video  
Has made me want to shout -  
"Yes, everyone has a song inside,  
And pleeeeeeeeeease don't let them out!"

On 1/14/09 10:57 PM, in article 496ee1b3\$1@linux, "TC"  
<tc@spammetodeathyoubastards.org> wrote:

>  
> I would recommend everyone download the high res version so you can  
> enjoy it over and over again and again..  
>  
> Hurry before Microsoft realizes that everyone involved with the making  
> of this commercial was high on crack..  
>  
> [http://research.microsoft.com/en-us/um/redmond/projects/song\\_smith/videos/Every  
> oneHasASongInside.mov](http://research.microsoft.com/en-us/um/redmond/projects/song_smith/videos/Every_oneHasASongInside.mov)  
>  
> Cheers,  
>  
> TC  
>  
>  
> James McCloskey wrote:  
>> By the way, is that a MacBook Pro she's using in the beginning of the video?  
>>  
>> Bill wishes he was Steve Jobs, and Ballmer wishes he was an ape: )  
>>  
>> TC <tc@spammetodeathyoubastards.org> wrote:  
>>> Apparently the promo video was just too mind blowing, so they replaced  
>>> it with some technical crap..  
>>>  
>>> Here is the link to the video that was previously on their site.

>>>  
>>> <http://www.youtube.com/watch?v=3oGFogwcx-E>  
>>>  
>>>  
>>> TC wrote:  
>>>> I think everyone here needs to take a step back and stop all the  
>>>> bickering about which app and platform is best. bla bla.. yada yada..  
>>>>  
>>>> The dust has settled. That debate is now over. There is now only one  
>>>> true app to rule them all.. and it's only on windows. Sorry Steve Jobs,  
>>  
>>>> you lose.  
>>>>  
>>>> It will truly blow your mind and make you rethink your whole approach  
>> to  
>>>> recording audio. (You can thank me later).  
>>>>  
>>>> <http://research.microsoft.com/en-us/um/redmond/projects/song-smith/>  
>>>>  
>>>>  
>>>> Cheers,  
>>>>  
>>>> TC  
>>>>  
>>

---

---

Subject: Re: the last paris app we need?  
Posted by Erling on Thu, 15 Jan 2009 07:56:45 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hmmm...can it help people who can't sing in tune with playing out of tune too?...hmmm...  
...if not, I think it's more a consume joke...

"TC" <tc@spammetodeathyoubastards.org> skrev i melding  
news:496e49ab@linux...

>  
> I think everyone here needs to take a step back and stop all the bickering  
> about which app and platform is best. bla bla.. yada yada..  
>  
> The dust has settled. That debate is now over. There is now only one true  
> app to rule them all.. and it's only on windows. Sorry Steve Jobs, you  
> lose.  
>  
> It will truly blow your mind and make you rethink your whole approach to  
> recording audio. (You can thank me later).  
>



> <http://research.microsoft.com/en-us/um/redmond/projects/song-smith/>  
>  
>  
> Cheers,  
>  
> TC  
>  
>  
>  
>  
> Kim W. wrote:  
>> Hey Derek.  
>> Nice to hear from you again.  
>> I'm gonna stay right out of the platform/OS wars, as I can see  
>> pros and cons to all of them. (They are all just recording tools, after  
>> all).  
>> I Have Cubase, Protools, Paris, and Samplitude.  
>> And yes!! I agree with you about Samplitude.  
>> At present I use it primarily for Mastering and Sound design.  
>> The object-oriented mixing is amazing. (dare I say, revolutionary..)  
>> This will be my next multitrack DAW for sure, when I get tired of Paris  
>> workarounds.  
>> But for now, Paris still makes my life easy, sonically.  
>> For me, Protools and Cubase are somewhat uninspiring to use, except  
>> of course the midi aspect of Cubase. I'm confident that the midi  
>> implementation of Samplitude is by now (or will  
>> be soon) up to scratch. (I'm still running version 8).  
>> How do you use Samplitude?  
>> Anyway, Keep well.  
>> Nice to see you still have the passion, even though it's ruffled a few  
>> feathers around here.  
>> Kim  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>> "derek" <a@b.com> wrote:  
>>> "James McCloskey" <excelsm@hotmail.com> wrote:  
>>> that was  
>>>> incompatible with what the other solution they had  
>>>> recommended 3rd party developers to use, causing once again  
>>>> 3rd party developers to jump through totally unnecessary hoops.  
>>>> I heard differently.  
>>>  
>>> ok, my source was a press release of steinberg

>>> explaining the 64bit situation, and i heard  
>>> the same from a NI developer. and your source is...?  
>>>  
>>>  
>>>  
>>>> Apple has made changes to their ADK over the years, and Apple products  
>> are  
>>>> better off for it, it's called improvement.  
>>>  
>>> ...and that improvement is what exactly? name me a real  
>>> life improvement people got out of the forced switch  
>>>from VST plugins to audio units. what did they get in  
>>> return for having their whole plugin collections being  
>>> made obsolete at one point?  
>>>  
>>>  
>>>> It isn't like there wasn't years  
>>>> of growing pain with Vista.  
>>>  
>>> note that the difference is that MS did not release  
>>> vista during these years (a point you later cite  
>>> as a negative, no less).  
>>>  
>>>  
>>>  
>>>> As a former Apple Developer, the compiler has  
>>>> a simple check box that writes a dual binary for PPC and Intel at the  
>>>> same  
>>>> time, this is a fact, not BS. If you don't believe me look in to it  
>>>> yourself  
>>>  
>>> im not denying the existence of that checkbox. im  
>>> simply argueing that if it really had been that simple,  
>>> the entire market of 3rd party softwares would have been  
>>> intel ready within weeks. since in the real world it  
>>> was more like more than a year and many stuff never got  
>>> ported in the first place, i come to the conclusion that  
>>> apparently things in the real world were a little more  
>>> complex than that. its just an observation. you dont have  
>>> to agree.  
>>>  
>>>  
>>>> Steinberg has not always released their products in parallel, and  
>>>> that's  
>>>> part of my point.  
>>>  
>>> most of the time they have, and when they hadnt, sometimes  
>>> the mac version came out first, sometimes the pc version.

>>> but really, most of the time the releases were on the same  
>>> day, which is actually quite an achievement given the constant  
>>> need for recoding for apple whereas the pcs backwards compability  
>>> reaches back to somewhere around win 2000 or even win 98.  
>>>  
>>>  
>>>> My point was that Steinberg's Mac products have lagged  
>>>> behind in performance with code that was not optimized up to date.  
>>> yes, but thats hardly steinbergs fault. accross all softwares,  
>>> OSX is a little less performant than XP. dont take my word  
>>> for it. theres been many many benchmarks out there. dont like  
>>> steinberg, try ableton, heck, even try digi who usually make  
>>> it a point that theyre "very mac".  
>>>  
>>> or are all of these just not giving the mac enough "top  
>>> priority"?  
>>>  
>>>  
>>>> I believe  
>>>> Steinberg has lost Mac customers as a result. Steinberg and the Mac  
>>>> community  
>>>> for years supported each other before Steinberg products were ever on  
>>>> the  
>>>> PC platform. It's a good thing that Apple and Mac users supported  
>>>> Steinberg  
>>>> for all these years, don't you think?  
>>>  
>>> i dont care about stuff that happened back in the mid nineties.  
>>> personally i still used an atari then, then a mac running cubase,  
>>> didnt like it much because the UI was a lot slower than on  
>>> the atari, and when i got paris in late 97 i got a pc for it  
>>> (which in parises case clearly turned out to be the better  
>>> choice, im tempted to say) and at that point cubase pc was  
>>> already at 3.something.  
>>> but if you care about it: if there had been a theoretical year where  
>>> there  
>>> was no more atari userbase but no pc version  
>>> yet, let me say it out loud, thank you, mac users!  
>>> oh wait, i was one of them. thank you, derek, for supporting  
>>> steinberg, be it with your atari or your mac license :-)  
>>>  
>>>  
>>>> There has been a narrowing down of DAW software Manufacturers over the  
>> years.  
>>> i think the overall number has increased quite a bit.  
>>> lots of modern hosts such as the whole tracker scene or  
>>> stuff like the awesome reaper showed up. a lot more than what died away  
>>> i would think.

>>>  
>>>> There are still plenty of companies that support the Mac platform and  
>> that's  
>>>> not likely to change.  
>>> youre argueing against stuff i didnt even say.  
>>>  
>>>  
>>>> PLEASE! Dude, your still on an operating system from 2001 due to MS's  
>> blunders  
>>>> and upgrade issues with Windows Vista!  
>>> no "dude", im still on it because it works. what awesome audio  
>>> improvements did i miss? the system i work on is the one  
>>> that consistently wins all benchmarks, it supports all plugin  
>>> and audio standards and its stable as hell.  
>>>  
>>> there simply is nothing besides my 4GB ram now not  
>>> being enough anymore that ever tempted me to  
>>> change, so only now do i plan to change. come on, youre the expert, name  
>>> me something audio related that i missed all  
>>> these years that i happily spent on that OS from 2001.  
>>> i find it hilarious that you try to make that a bad thing.  
>>> its clearly a very very good thing and i will remember XP  
>>> very fondly once i made the switch.  
>>>  
>>>  
>>>> And talk about upgrade cycles, a  
>>>> 5 YEAR wait for Vista!  
>>> ...during which XP was supported with free upgrades.  
>>> what exactly is good in having to upgrade your OS  
>>> once a year and pay for the upgrade? i consider a long life span a plus  
>> for  
>>> the OS (it says something about its quality too), and i certainly dont  
>>> mind  
>>> that all updates to it were  
>>> completely free either.  
>>>  
>>>  
>>>> Talk about growing pains, upgrade and compatibility  
>>>> issues, I've got one word for you, VISTA!!! You got no room to talk!  
>>> and youve got no examples, apparently :-)  
>>>  
>>>  
>>>> At  
>>>> least Apple continues to improve their OS, every upgrade has been more  
>> than  
>>>> worth the cost in features alone.  
>>> name me something audio related that i missed. and dont  
>>> start with fancy photo viewers or whatever. if i crave a better

>>> picture viewer, i download one (actually i did 2 years ago  
>>> when i got bored with the one i had and have a super fancy  
>>> one ever since. for free. this is such a cool world we live in).  
>>>  
>>>  
>>>> Talk about the price of admission Mac  
>>>> OSX can be bought for \$129 or less, and there are not 5 or more  
>>>> versions  
>>>> costing up to \$399.00. That's more than 3 times the cost of Mac OSX.  
>>> yeah it would be stupid to buy a vista license on its own.  
>>> the way to buy MS has always been to just get it when you get  
>>> a new computer. and the point about this was...?  
>>>  
>>>  
>>>> Just  
>>>> look at the customer satisfaction rates, including XP, I'll take Mac  
>>>> OSX  
>>>> thank you.  
>>> but youre not a fanboy. right :-)  
>>>  
>>>  
>>>  
>>>> Your original post was about Paris no longer making sense, then you  
>>>> went  
>>>> to Apple is the evil empire and Logic sucks.  
>>>  
>>> yes, i made a joke about who i would consider "the dark side"  
>>> these days in regards to the whole apple/logic story.  
>>> i dont care much actually, ever since i dont have to use  
>>> the program in other studios anymore, so in that regard i  
>>> probably would have to thank apple for that too.  
>>>  
>>> you just couldnt get over me stating my opinion, apparently.  
>>> but it is my opinion. cant help it.  
>>>  
>>>> Instead of us having the next  
>>>> Mac verses PC war, why don't we stick to Paris vs. other DAWs and we  
>>>> can  
>>>> leave Logic out of it.  
>>>  
>>> oh, but theres two ways of getting there. you might just as  
>>> well show the grandeur of ignoring me when i state an opinion  
>>> that you dont like.  
>>>  
>>> that usually is considered the better approach than  
>>> to try to stop people from voicing their opinions.  
>>> youre welcome to your own "microsoft sucks" statements  
>>> as much as you like. be my guest, write a whole post about



>>> this stuff and watch me ignore it ;-)  
>>>  
>>>  
>>>> Yes PC users always know more about Macs than Mac users about Mac  
>>>> performance  
>>>> and all the "swooshing" stuff.  
>>>  
>>> im talking about benchmarks from manufacturers such as ableton,  
>>> steinberg, NI or independant computer manufacturers such as  
>>> ADK (who sell both pcs and macs) and numerous benchmarks i read  
>>> in germans sound&recording or keyboards magazine.  
>>>  
>>> sure, maybe its all a conspiracy. i wouldnt know. but i  
>>> also wouldnt care much, my whole point these days is that  
>>> the performance you get is so huge that these details dont  
>>> matter anymore. who cares whether an octocore machine runs  
>>> 800 instances of a plugin or just 730 when in reality you wouldnt  
>>> ever need more than 100 of them?  
>>>  
>>> see where im coming from with this?  
>>>  
>>>  
>>>> As I recall,  
>>>> there were Audio softwares that were not Vista ready, and many that  
>>>> won't  
>>>> work with Vista 64, but what ever.  
>>>  
>>> ok, for the sake of the argument. heres the list of softwares  
>>> that initially were not macintel compatible: all but logic.  
>>> no wait, all including logic, but logic shortly followed  
>>> after the introduction.  
>>>  
>>> name me which major players daws did not run on vistas initial  
>>> release. i dont recall a single one.  
>>>  
>>>> 64bit has been around since the 60's,  
>>> so what was your point about the catching up? are you  
>>> argueing that XP64bit was not released early enough?  
>>> if so, fair enough, allthough i must say that considering that  
>>> this is all so many years ago and you were actually talking about vista  
>>> (which came as 64bit upon initial release) im not  
>>> quite sure what youre trying to say here. and for me personally,  
>>> all that counts is that NOW i have a machine thats so powerful  
>>> that my bottleneck is not CPU anymore but RAM, so its  
>>> NOW that im interested in 64bit, and today i can choose from  
>>> xp64, vista64, i could install the free windows 7 beta  
>>> (which according to nuendo forum reports runs nuendo just  
>>> fine and super fast already as it is) or OSX. and linux

>>> and some more stuff too, im sure.  
>>>  
>>>  
>>>> And you can quit with the Mac fan boy shit.  
>>> sorry, man. youre acting like a fanboy IMO. its just  
>>> an observation. im sure you can get over it. you dont have  
>>> to agree with my observation (seems like i cannot state that often  
>>> enough).  
>>>  
>>>> Logic 8 is a big improvement.  
>>>  
>>> if you say so.  
>>>  
>>>  
>>>> Well I own 7 different Daw softwares. When I was a dealer I sold most  
>> of  
>>>> them, so yeah. I don't know it all that's for sure. I wasn't looking  
>> for  
>>>> a Logic vs. Samplitude war either. I was just saying Logic 8 is  
>>>> incredible  
>>>> software, I didn't say it's the best.  
>>> jup, and i was saying i dont find anything about  
>>> it incredible at all and stated some examples of a software  
>>> that i find very "incredible" as reference, awesome features  
>>> that i cant wait to have steinberg implement into nuendo ASAP  
>>> please. wouldnt you agree that those features i described  
>>> are pretty awesome? i mean, multitrack editing suites that  
>>> beat beat detective, internal melodyne style piano roll editing  
>>> of audio, object based mixing in addition to traditional track+mixer  
>>> approach  
>>> etc etc, isnt that something youd like  
>>> logic to have too?  
>>>  
>>> i dont understand why you have a problem with something  
>>> like that, or how  
>>> you consider me listing some fabulous features from an  
>>> audio software whose developers quite obviously are extremely  
>>> skilled and super creative equals "starting a war".  
>>>  
>>> i can just as well describe to you what i like about protools.  
>>> protools has playlists, which is hands down the simplest,  
>>> most powerful yet most intuitive way of multiple sets of  
>>> multitrack recording there is. protools has a very nice automation,  
>>> super precise transient detection thats better than  
>>> all of the competition, a nice suite of offline processes  
>>> and the software, while dull and boring is extremely stable.  
>>>  
>>> now, would you consider me listing these advantages over

>>> the competition "starting a war" too? probably not. then  
>>> answer me this, why would that be different if i listed  
>>> stuff like that for samplitude?  
>>>  
>>>  
>>>>> well, i have presented you with quite a few factual statements,  
>>>>> and if your reaction is a mere "i still disagree", well, what else is  
>> there  
>>>>> to say.  
>>>>>  
>>>> Just about the sound and summing.  
>>>  
>>> my factual statements were about sound and summing.  
>>> a null test is a test you usually do to get all the  
>>> urban myths or grand "its all subjective" statements  
>>> out of the topic. you can debunk all such statements  
>>> with a successful null test, its positive proof that  
>>> candidate A sounds exactly the same as candidate B.  
>>>  
>>> i present you with that and your response is "i still  
>>> think it sounds different". fair enough. but then  
>>> we dont need to continue that discussion because you  
>>> apparently dont share my methodolical approach to this  
>>> topic and prefer to leave stuff in the dark or "subjective".  
>>>  
>>>  
>>>>>> I don't doubt that at unity gain or less, you  
>>>>>> could get tracks to null,  
>>> I'd like to see you get them to null when the  
>>>>> Paris  
>>>>>> tracks are pushed.  
>>>  
>>> so you DO believe paris sounds the same, but sounds  
>>> different only when you push stuff into clipping?  
>>>  
>>>  
>>>  
>>>>> What I'm saying is I like the sound of Paris. What I'm saying is Paris  
>>> sounds  
>>>>> different to me than other DAWs I've heard.  
>>>  
>>> again, when clipping or in general? cause if youd say also in general,  
>>> thats the opposite of saying that you do believe that its easy to do a  
>>> positive null test when you dont drive  
>>> tracks into clipping.  
>>>  
>>> which one is it gonna be?  
>>>

>>>  
>>>> I don't believe all DAWs sound  
>>>> the same.  
>>> same question as above. only when clipping or also without?  
>>>  
>>>> I'm not  
>>>> convinced on the sound front.  
>>> what part of a positive null test do you find "not convincing"?  
>>>  
>>>> I just wanted to hear what you were talking about. I'd like to hear a  
>> comparison  
>>>> for myself being that audio is somewhat subjective.  
>>>  
>>> that would need the assumption that daw sound characteristics  
>>> make a bigger difference than the actual mixing choices  
>>> the engineer makes, which of course is not the case, im sure  
>>> we will agree on that. so all you would get out of  
>>> listening to mixes from me is whether or not you like my  
>>> style of mixing (if youre really interested, feel free to  
>>> google me, im sure theres enough stuff you could  
>>> download for free over P2P).  
>>>  
>>> youre the one claiming to have the magic daw that sounds different in  
>>> such a fundamental way, not me. my mixes  
>>> sound just like anyone elses (for better or worse, i.e.  
>>> many of my commercial projects are mastered to loudness  
>>> insanity following the usual sick industry standards).  
>>> so IMO it would be up to you to show such a fundamental difference.  
>>>  
>>> especially considering that ive used that same supposedly  
>>> magic tool for years too :-)  
>>>  
>>>  
>>>  
>>>  
>>>  
>>

---

Subject: Re: the last paris app we need? - link  
Posted by [Aaron Allen](#) on Thu, 15 Jan 2009 07:59:57 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

I'm going to install this thing. The hours of comical value will be  
priceless.  
AA

"TC" <tc@spammetodeathyoubastards.org> wrote in message  
news:496e4acf\$1@linux...

> Apparently the promo video was just too mind blowing, so they replaced it  
> with some technical crap..

>  
> Here is the link to the video that was previously on their site.

>  
> <http://www.youtube.com/watch?v=3oGFogwcx-E>

>  
>  
> TC wrote:

>>  
>> I think everyone here needs to take a step back and stop all the  
>> bickering about which app and platform is best. bla bla.. yada yada..

>>  
>> The dust has settled. That debate is now over. There is now only one true  
>> app to rule them all.. and it's only on windows. Sorry Steve Jobs, you  
>> lose.

>>  
>> It will truly blow your mind and make you rethink your whole approach to  
>> recording audio. (You can thank me later).

>>  
>> [http://research.microsoft.com/en-us/um/redmond/projects/song\\_smith/](http://research.microsoft.com/en-us/um/redmond/projects/song_smith/)

>>  
>>  
>> Cheers,

>>  
>> TC  
>>

---

Subject: Re: the last paris app we need? - link  
Posted by [kerryg](#) on Thu, 15 Jan 2009 08:05:11 GMT  
[View Forum Message](#) <> [Reply to Message](#)

By the way - for me, the \*crowning\* moment while watching that video was  
when I recognized the faintest echo of the verse of Frank Zappa's  
"Tinseltown Rebellion" in the melody she was singing.

[http://www.lyricsdomain.com/6/frank\\_zappa/tinsel\\_town\\_rebellion.html](http://www.lyricsdomain.com/6/frank_zappa/tinsel_town_rebellion.html)  
(moderately NSFW)

It was a Priceless Moment of Cultural Zen.

- K



On 1/14/09 11:52 PM, in article C5942B20.D312%kg@kerrygalloway.com, "Kerry Galloway" <kg@kerrygalloway.com> wrote:

> Oh, the song, it's stuck in my head... I feel like... Oh noooooooooo!  
> Nooooooooooooo!

>  
> These cliched chords and hackneyed drums  
> Will make most listeners sick;  
> I'd like to take that laptop out  
> And smash it with a stick  
> Sometimes it's hard to look away  
> When passing highway wrecks;  
> The worst part was imagining  
> Those parents having (breakfast)  
> This weird and creepy video  
> Has made me want to shout -  
> "Yes, everyone has a song inside,  
> And pleeeeeeeeeease don't let them out!"

>  
>  
> On 1/14/09 10:57 PM, in article 496ee1b3\$1@linux, "TC"  
> <tc@spammetodeathyoubastards.org> wrote:

>  
>>  
>> I would recommend everyone download the high res version so you can  
>> enjoy it over and over again and again..  
>>  
>> Hurry before Microsoft realizes that everyone involved with the making  
>> of this commercial was high on crack..

>>  
>>  
>> [http://research.microsoft.com/en-us/um/redmond/projects/song\\_smith/videos/Every](http://research.microsoft.com/en-us/um/redmond/projects/song_smith/videos/Every)>>

y  
>> oneHasASongInside.mov

>>  
>> Cheers,

>>  
>> TC

>>  
>> James McCloskey wrote:  
>>> By the way, is that a MacBook Pro she's using in the beginning of the video?

>>>  
>>> Bill wishes he was Steve Jobs, and Ballmer wishes he was an ape: )

>>>  
>>> TC <tc@spammetodeathyoubastards.org> wrote:  
>>>> Apparently the promo video was just too mind blowing, so they replaced  
>>>> it with some technical crap..

>>>>  
>>>> Here is the link to the video that was previously on their site.  
>>>>  
>>>> <http://www.youtube.com/watch?v=3oGFogwcx-E>  
>>>>  
>>>>  
>>>> TC wrote:  
>>>>> I think everyone here needs to take a step back and stop all the  
>>>>> bickering about which app and platform is best. bla bla.. yada yada..  
>>>>>  
>>>>> The dust has settled. That debate is now over. There is now only one  
>>>>> true app to rule them all.. and it's only on windows. Sorry Steve Jobs,  
>>>  
>>>>> you lose.  
>>>>>  
>>>>> It will truly blow your mind and make you rethink your whole approach  
>>> to  
>>>>> recording audio. (You can thank me later).  
>>>>>  
>>>>> <http://research.microsoft.com/en-us/um/redmond/projects/song-smith/>  
>>>>>  
>>>>>  
>>>>> Cheers,  
>>>>>  
>>>>> TC  
>>>>>  
>>>  
>

---

Subject: Re: the last paris app we need? - link  
Posted by [chuck duffy](#) on Thu, 15 Jan 2009 13:22:27 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

yeah but you need to be able to sing into a microphone to use it :-)

Chuck

"Aaron Allen" <[know-spam@not\\_here.dude](mailto:know-spam@not_here.dude)> wrote:

>I'm going to install this thing. The hours of comical value will be  
>priceless.

>AA

>

>

>"TC" <[tc@spammetodeathyoubastards.org](mailto:tc@spammetodeathyoubastards.org)> wrote in message

>news:496e4acf\$1@linux...

>> Apparently the promo video was just too mind blowing, so they replaced  
it

>> with some technical crap..

>>  
>> Here is the link to the video that was previously on their site.  
>>  
>> <http://www.youtube.com/watch?v=3oGFogwcx-E>  
>>  
>>  
>> TC wrote:  
>>>  
>>> I think everyone here needs to take a step back and stop all the  
>>> bickering about which app and platform is best. bla bla.. yada yada..  
>>>  
>>> The dust has settled. That debate is now over. There is now only one  
true  
>>> app to rule them all.. and it's only on windows. Sorry Steve Jobs, you  
  
>>> lose.  
>>>  
>>> It will truly blow your mind and make you rethink your whole approach  
to  
>>> recording audio. (You can thank me later).  
>>>  
>>> <http://research.microsoft.com/en-us/um/redmond/projects/song-smith/>  
>>>  
>>>  
>>> Cheers,  
>>>  
>>> TC  
>>>  
>  
>

---

---

Subject: Re: the last paris app we need? - link  
Posted by [derek](#) on Thu, 15 Jan 2009 15:28:06 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

TC <[tc@spammetodeathyoubastards.org](mailto:tc@spammetodeathyoubastards.org)> wrote:  
>Apparently the promo video was just too mind blowing, so they replaced  
>it with some technical crap..  
>  
>Here is the link to the video that was previously on their site.  
>  
> <http://www.youtube.com/watch?v=3oGFogwcx-E>

priceless. just priceless. i need to have this!

---

---

Subject: Re: the last paris app we need? - link  
Posted by [TC](#) on Thu, 15 Jan 2009 16:37:50 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

ha ha.. perfect!

TC

Kerry Galloway wrote:

> Oh, the song, it's stuck in my head... I feel like... Oh noooooooooo!  
> Nooooooooooooo!  
>  
> These cliched chords and hackneyed drums  
> Will make most listeners sick;  
> I'd like to take that laptop out  
> And smash it with a stick  
> Sometimes it's hard to look away  
> When passing highway wrecks;  
> The worst part was imagining  
> Those parents having (breakfast)  
> This weird and creepy video  
> Has made me want to shout -  
> "Yes, everyone has a song inside,  
> And pleeeeeeeeeease don't let them out!"  
>  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [Gantt Kushner](#) on Thu, 15 Jan 2009 17:32:50 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"derek" <a@b.com> wrote:

>its only audio software.  
>you cant offend audio softwares. they dont have feelings.  
>...yet! :-)  
>  
>best,  
>derek

Oh yeah?!? Paris does!

Or is it just that it feels good. Remember the Sunkist Tuna commercials?  
"Sorry Charlie - Sunkist doesn't want tuna with good taste. Sunkist wants  
tuna that TASTES GOOD!"

Don't know what that has to do with anything. Kind of a stream of consciousness

thing. I took way too many drugs when I was young!

Gantt

---

---

Subject: Re: the last paris app we need? - link  
Posted by [Deej \[5\]](#) on Fri, 16 Jan 2009 01:49:21 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

"derek" <a@b.com> wrote:

>

>TC <tc@spammetodeathyoubastards.org> wrote:

>>Apparently the promo video was just too mind blowing, so they replaced

>>it with some technical crap..

>>

>>Here is the link to the video that was previously on their site.

>>

>> <http://www.youtube.com/watch?v=3oGFogwcx-E>

>

>

>priceless. just priceless. i need to have this!

It is a WMD (weapon of music desecration)

---

---

Subject: Re: the last paris app we need?  
Posted by [rick](#) on Fri, 16 Jan 2009 10:00:55 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On 16 Jan 2009 03:32:50 +1000, "Gantt Kushner" <ganttmann@comcast.net>  
wrote:

>

>"derek" <a@b.com> wrote:

>>its only audio software.

>>you cant offend audio softwares. they dont have feelings.

>>...yet! :-)

>>

>>best,

>>derek

>

>

>Oh yeah?!? Paris does!

>

>Or is it just that it feels good. Remember the Sunkist Tuna commercials?

> "Sorry Charlie - Sunkist doesn't want tuna with good taste. Sunkist wants



>tuna that TASTES GOOD!"

>

>Don't know what that has to do with anything. Kind of a stream of consciousness

>thing. I took way too many drugs when I was young!

>

oh yeah...well i took so many i don't even remember being young.

>Gantt

>

---

Subject: Re: the last paris app we need?

Posted by Erling on Sat, 17 Jan 2009 08:08:10 GMT

[View Forum Message](#) <> [Reply to Message](#)

...if we're being old in our thinking mind, we're in trouble.. .

...it's only software and now it's Cubase 5 coming and disturbing my thinkings...

Erling

"rick" <parnell68athotmaildotcom> skrev i melding

news:d1m0n41r2b5j407mb1iba8566bjp4n9rek@4ax.com...

> On 16 Jan 2009 03:32:50 +1000, "Gantt Kushner" <ganttmann@comcast.net>

> wrote:

>

>>

>>"derek" <a@b.com> wrote:

>>>its only audio software.

>>>you cant offend audio softwares. they dont have feelings.

>>>...yet! :-)

>>>

>>>best,

>>>derek

>>

>>

>>Oh yeah?!? Paris does!

>>

>>Or is it just that it feels good. Remember the Sunkist Tuna commercials?

>> "Sorry Charlie - Sunkist doesn't want tuna with good taste. Sunkist

>> wants

>>tuna that TASTES GOOD!"

>>

>>Don't know what that has to do with anything. Kind of a stream of

>>consciousness

>>thing. I took way too many drugs when I was young!

>>  
>  
> oh yeah...well i took so many i don't even remember being young.  
>  
>  
>>Gantt  
>>  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [rick](#) on Sat, 17 Jan 2009 11:26:16 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

if i could get my young mind to shovel the drive (400') of snow my old  
ass would surely pass the torch along.

On Sat, 17 Jan 2009 09:08:10 +0100, "Erling" <erling.lovik@lyse.net>  
wrote:

>...if we're being old in our thinking mind, we're in trouble.. .  
>...it's only software and now it's Cubase 5 coming and disturbing my  
>thinkings...  
>  
>Erling  
>  
>"rick" <parnell68athotmaildotcom> skrev i melding  
>news:d1m0n41r2b5j407mb1iba8566bjp4n9rek@4ax.com...  
>> On 16 Jan 2009 03:32:50 +1000, "Gantt Kushner" <ganttmann@comcast.net>  
>> wrote:  
>>  
>>>  
>>>"derek" <a@b.com> wrote:  
>>>>its only audio software.  
>>>>you cant offend audio softwares. they dont have feelings.  
>>>>...yet! :-)  
>>>>  
>>>>best,  
>>>>derek  
>>>  
>>>  
>>>Oh yeah?!? Paris does!  
>>>  
>>>Or is it just that it feels good. Remember the Sunkist Tuna commercials?  
>>> "Sorry Charlie - Sunkist doesn't want tuna with good taste. Sunkist  
>>> wants  
>>>tuna that TASTES GOOD!"  
>>>

>>>Don't know what that has to do with anything. Kind of a stream of  
>>>consciousness  
>>>thing. I took way too many drugs when I was young!  
>>>  
>>  
>> oh yeah...well i took so many i don't even remember being young.  
>>  
>>  
>>>Gantt  
>>>  
>>  
>  
>

---

---

Subject: Re: the last paris app we need?  
Posted by [Erling](#) on Sat, 17 Jan 2009 11:52:18 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

.....you're not using a young mind for that kind of things, just automatic  
bodymuscles an old ass can follow;-)....

"rick" <parnell68athotmaildotcom> skrev i melding  
news:kvf3n4herqttulbviq9s9p3lp0kf7kgojb@4ax.com...  
> if i could get my young mind to shovel the drive (400') of snow my old  
> ass would surely pass the torch along.  
>  
> On Sat, 17 Jan 2009 09:08:10 +0100, "Erling" <erling.lovik@lyse.net>  
> wrote:  
>  
>>...if we're being old in our thinking mind, we're in trouble.. .  
>>...it's only software and now it's Cubase 5 coming and disturbing my  
>>thinkings...  
>>  
>>Erling  
>>  
>>"rick" <parnell68athotmaildotcom> skrev i melding  
>>news:d1m0n41r2b5j407mb1iba8566bjp4n9rek@4ax.com...  
>>> On 16 Jan 2009 03:32:50 +1000, "Gantt Kushner" <ganttmann@comcast.net>  
>>> wrote:  
>>>  
>>>>  
>>>>>"derek" <a@b.com> wrote:  
>>>>>>its only audio software.  
>>>>>>you cant offend audio softwares. they dont have feelings.  
>>>>>>...yet! :-)  
>>>>>  
>>>>>>best,

