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 ;-) 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 ressurrect 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

>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 ressurrect 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 ressurrect 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 ressurrect 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 ressurrect 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 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 ressurrect 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 ressurrect 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
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 ressurrect 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 ressurrect 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 ressurrect 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 ressurrect 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
> 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 ressurrect 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
protools 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 nonexistance 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" <arpegio@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
> protools 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 nonexistance 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" <arpegio@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" <arpegio@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> 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> 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/niwwmajiakw/BOYS AND TOYS NEW YEARS EVE.mp3

http://www.mediafire.com/file/mnlcmmnuld3/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

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/niwwmajiakw/BOYS AND TOYS NEW YEARS EVE.mp3
>
>http://www.mediafire.com/file/mnlcmmnuld3/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

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> wrote:
>
>"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 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" <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 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 Apogees 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" <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 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> 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 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> 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" <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" <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 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" <arpegio@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" <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 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> wrote:

>
> 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" <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 Gantt Kushner on Wed, 07 Jan 2009 05:21:10 GMT
View Forum Message <> Reply to Message

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" <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 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 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 derek on Thu, 08 Jan 2009 15:03:38 GMT
View Forum Message <> Reply to Message

"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 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 ;-)
(allthough 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 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 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 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 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 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 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 19:07:07 GMT
View Forum Message <> Reply to Message

"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, allthough 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 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 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 Apogees 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 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.
>>
>

--
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 thery 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, allthough 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 thery 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 Advid 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 ;-)
>(allthough 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 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 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 ressurrect 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> 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> 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@...> 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 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
protools or nuendo.

> I would say any tying Apple to Advid 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 includ 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 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
>protools or nuendo.
>
>
>> I would say any tying Apple to Advid 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> 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 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 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 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
>protools or nuendo.
>
>
>> I would say any tying Apple to Advid 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> 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 fullfilling 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 avaiable 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 whatevers
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"
> threshhold 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?-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
a 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 with out it's 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-overvie w
http://www.apple.com/logicstudio/tutorials/
http://www.apple.com/logicstudio/logicpro/specs.html

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? 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? 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 fullfilling 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 avaiable 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 whatevers
>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" threshhold 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 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"
>threshhold 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 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"
>>threshhold 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. 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> 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> 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&pag e=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/pjpeg; name="C:\Documents and Settings\Administrator\Desktop\baffles 004.jpg"
Content-Transfer-Encoding: base64
Content-Disposition: attachment; filename="baffles 004.jpg"

/9j/4Re0RXhpZgAASUkqAAgAAAALAA4BAgAgAAAAkgAAAA8BAgAYAAAAsgAA
ABABAgAMAAAAygAAABIBAwABAAAAAQAAABoBBQABAAAA2AAAABsBBQABAAAA
4AAAACgBAwABAAAAAgAAADEBAgAJAAAA6AAAADIBAgAUAAAACAEAABMCAwAB
AAAAAgAAAGmHBAABAAAAHAEAABgDAABPTFlNUFVTIERJR0lUQUwgQ0FNRVJB
ICAgICAgICAgAE9MWU1QVVMgT1BUSUNBTCBDTy4sTFREAEM4NjBMLEQzNjBM
AAAASAAAAAEAAABIAAAAAQAAAHY4NTJ1LTc0AAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAMDAwMDowMDowMDowMCAwMDowMDowMAAYAJqCBQABAAAAQgIAAJ2CBQAB
AAAASgIAACKIAwABAAAAAgAAACeIAwABAAAA9AEAAACQBwAEAAAAMDIxMAOQ
AgAUAAAAUgIAAASQAgAUAAAAZgIAAAGRBwAEAAAAAQIDAAKRBQABAAAAegIA
AASSCgABAAAAggIAAAWSBQABAAAAigIAAAeSAwABAAAABQAAAAiSAwABAAAA
AAAAAAmSAwABAAAAAQAAAAqSBQABAAAAkgIAAHySBwCWAQAAlAMAAIaSBwB9
AAAAmgIAAACgBwAEAAAAMDEwMAGgAwABAAAAAQAAAAKgBAABAAAAAAUAAAOg
BAABAAAAwAMAAAWgBAABAAAAdgMAAACjBwABAAAAAwAAAAGjBwABAAAAAQAA
AAAAAAABAAAAHgAAABwAAAAKAAAAMDAwMDowMDowMDowMCAwMDowMDowMAAwMDAw
OjAwOjAwIDAwOjAwOjAwAAEAAAABAAAAAAAAAAoAAAADAAAAAQAAADcAAAAK
AAAAAAAAAAAAAAAAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAg
ICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAg
ICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAA
AQAAAAYAAAAaAQUAAQAAAGYDAAAbAQUAAQAAAG4DAAAoAQMAAQAAAAIAAAAB
AgQAAQAAANwHAAACAgQAAQAAANAPAAAAAAAASAAAAAEAAABIAAAAAQAAAAIA
AQACAAQAAABSOTgAAgAHAAQAAAAwMTAwAAAAAE9MWU1QAAEACwAAAgQAAwAA
ACYEAAABAgMAAQAAAAIAAAACAgMAAQAAAAAAAAADAgMAAQAAAAAAAAEAgUA
AQAAADIEAAAFAgUAAQAAADoEAAAGAggABgAAAEIEAAAHAgIABQAAAE4EAAAI
AgIANAAAAFYEAAAJAgcAIAAAAJIEAAAADwQAHgAAALIEAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAoAAACYAgAAZAAAABL/U/4x/jH/rv6u/lNSODUyAAAAW3Bp
Y3R1cmVJbmZvXSBSZXNvbHV0aW9uPTIgW0NhbWVyYSBJbmZvXSBUeXBlPVNS
ODUyAAAAAAAAAAAAT0xZTVBVUyBESUdJVEFMIENBTUVSQQAAAAAAAAAAAAAA
ugCAAPxEAAAAAAAAAAAghMAAAADAACCEwAAALYAAIITAAYAxAAAAI0DB2cp
CG0AAATqBZQFZwVdAAAzMwEAAAAAYmIAAAABAAAAAAAAAQAIAAADAD4BAABK
BBwCC3D8swBkZGIAsw8Q/wAARwug/F/IAIysAAD//////////////////////
//
//
//
//

//
//
//
//
//
//
//
//
//
//
//
2P/bAMUAIxgaHhoWIx4cHiclIyk0Vzg0MDA0akxQP1d+b4SCfG96d4ucyKmL
lL2Wd3qu7bC9ztXg4uCHp/X/89n/yNvg1wElJyc0LjRmODhm1496j9fX19fX
19fX19fX19fX19fX19fX19fX19fX19fX19fX19fX19fX19fX19fX19fX19fX
AiUnJzQuNGY4OGbXj3qP19fX19fX19fX19fX19fX19fX19fX19fX19fX19fX
19fX19fX19fX19fX19fX19f/xAGiAAABBQEBAQEBAQAAAAAAAAAAAQID
BAUGBwgJCgsQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQy
gZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElK
U1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Sl
pqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz
9PX29/j5+gEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoLEQACAQIEBAME
BwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEK
FiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlq
c3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrC
w8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/wAARCAB4AKAD
ASEAAhEBAxEB/9oADAMBAAIRAxEAPwCHaO/NB4GTgVLZaQh3FflXP14GTvL
4GXkq5Qh3FflXP14GTvL4GXkq5Qh3FflXP14GTvL4GXkq5Qh3FflXP14GTvL
q6Nq6Qh3FflXP14GTvL4GXkq5Qh3FflXP14GTvL4GXkq5Qh3FflXP14GTvL
igReiACn/PSn5xyOtMzIyqk5Kqc9yKjaKP8Au9fegd2QDHFMcEjjr2qSw4yr
A/KR2pgO1vkOflwAe5H/AOursQNwSGLk4zgAHipVlYHy8E8c0MrcbuG8Ad80
+kSzS0yRRCyk4O7NUbhj9olx03n+dAhfOldSplcgg9W9qqsaT3LiOhI85Af7
wHT3qzeKiqqqoBJz0AoWUJH80w74HNaLC5zZSUSD/PWnw4AQ
nceq5Pc+v6frSWgdgCgG+hBDHyNqTuKcAA56fnSWgdgCgG+hBDHyNqTuKcAA
i4DEHtS2gdgCgG+hBDHyNqTuKcAA56fnSWgdgCgG+hBDHyNqTuKcAA56fnSW
jpPGAZ9+hBDHyNqTuKcAA56fnSWgdgCgG+hBDHyNqTuKcAA56fnSWgdgCgG+
+iImGJfc80uaBDHdlICnFODFue55pdRtaDt2FJqFhkUMcRNp
7jj1pxOQAScDoM0rlDkxuHcip4jvldj9KaJY9nIOB6UCQdxTIHxtuPGaZctt
jPPXigaKfMcfXJwe1TBFU56kdz2qWNhEjZ4XbjgVIsaryetNITY4mmmmIgl5
bPpSA80DJBGvBPNLhQOBQFyNj8ppEAMqg9KT3KWxM1uh7kGkaAnOHz9aLC5h
i4DEHtTkfZww6nqKWxW6HBt3PP40VRmTqjCmoblt0gUduTzSZEthsb/ADEH
hkJ64zxRmTqjCmoblt0gUduTzSZEthsb/ADEH+pueKmiAG9KhlIB4GTgVLZ
d6qPpSE4pkkMsTgcrDrkKx6aeOMjkU/SE4pkkMsTgcrDrkKx6aeOMjkU/SE
hkJ64zxRmTqjCmoblt0gUduTzSZEthsb/ADEH+pueKmiAG9KhlIB4GTgVLZ
oO+KksNIQ7ivyrn68DJ3l8DLyVcoQ7ivyrn68DJ3l8DLyVcoQ7ivyrn68DJ3
15GaLXBOxVjXoRjHTr2/zinJASSTnFA7lgcKFAGB7U2RcoRQGUA56fnSHaeOMjkU/SE

d6Y2M4PvS7TtLsPlx+LH0oEyCTzHXJU7iucj6U5AofazMp6DI6UB5EjqylR8
rAjkg1RCM/OAfei4W7EiqU25JYjOARwpqZWL8sMew5pXuFgEaPhS3zhiSP0/
pVhYwiDnJpXHYkU45NVmBkfocMaoll0rtXgdKnjuV8tFdW3d8UDM5FMg5cj6
UqgtGY2Y/UUCQqExja/TsaeeVoGV2UA4H5U4HcMdOOlACH6HHtTtpChmI+bk
dsDpQDKrEtsTgHgZAAGeg56f5NTRgCDzZFRjuwpD5546/n+eOKYCRyLJMrOC
Y0IIVh1OOOf89KmMjS3Mu5AysvyKeMnt15FICKRHRDvCNtbkrxye36VHEMR5
JbJPft6UPQFqTRuC6AoMlSC3fP8AnmniUSN8vQVOlytRznEZ96LNGefkjCjP
NUSXRGTn6dPWmxRZztjA246nA/ClYE9SnbfMpPvSA7ZsdjTAk+tMIaP7vK+n
pQBESN5ZQCeo70qM5dtzE85596AFU++frTJZAoYMN3PTsf8APNAEbLFM6iNg
jAbcP0NPuQCzsIdgVCFGMg9fr6k/pTER2zIoMuM7RwuMBWwcHNNjfyS5Cgkg
dT270honB3w+ad6jeTIM/eHGP1aojMNi/LyeOtKSBMC7BcE52nPTr/8AWzip
QWZAwUDOSPakO48kkAHtVzT1xEXORubjP5VRNyZmKAvzipoWQp1GepoGZltG
yRkMpXnIyO1MlX5gR2NAEmc0UAQSfLJ8oOTQpy+cduaAGsJFj3bGH1FQMxdV
UgYGeQOT9aYDJhGjDEgOVB+UZwfep4nuIi0cJbhslGXkDgD9TQIWC7UMP3e3
GRlPfPY8dKHS3lOBMVwmcuPTPGfy/OgBfIMcMhJQ7gOQe3cfn/KqxIds4UZ4
wB0oAWNCX2joev0q7igGIfbr2zWnEmyJUGeBikCJJJYrZAJZVXIJ571Ar28w
Z4Zl5H3c5wM9cHkf/qosMtkRyqQ21hnjnP8Ak1Unsd+WiJ57GgCptZCUYYIp
CcCgCJ/vK3TmlldohuQ8nII9RQgZOJ0miZY43PDDOD3HfFZsjgDyxuyCdxI5
oWoWsV5AQ7ZPOamF1PJCsAAbb907csB6D0FAgy0wyFy/8WOp96RADIuR0PzU
wHtLK2T/AAscYAwCB9O3SmMO+MDPFAFmzT5S5z6CrBoEOgjEk6Lx1zWi2FJz
2pDKN5ardyBi5QgAevH0qiLOWG4BwWQHhh/nilcqx0eBncRz0paYhskSSDDq
DVObTznMTZHoaAKN2pjjZGGG9KrfNMxJ/wD1UxEW943O1yD6g0kYDFi4JGMk
+lAFiFFAOSEyOmThunH+femTxmKUugETqTkjoWzyB2/yaAuQ7m3E/wATHk4p
YcbmzkHH/wCugBynMJLDJzgEHv3J/Cmqdx2gckigDQjQIgUduKUikInswUkZ
+uOParSfvJPmwc8/gP8A69BRIYIypGMe9U50MbiMnJIzxSaGi552G/eRlecA
9RT1ZXGVOfxqrCHUUgGSRJKmyRQw9DVC50vafMtGKMP4c/yNAGVPbyxPiZSp
OTk9/wDGm/dJ2njsSOaZJLHDNP8AOiMGPBYDAI/lUUqSplWBUHHHb/PWmFxg
Yjjt+eKVlw7LnoTj3pDJJ3V5SURVQgAAf59qdZR5kL9h/OgC6aYxxQItwp5d
uCeD1NSea0LgFc8DPv71LKRJHcxScHAOe9RTOGuowpyvXrmmDLtMaFG7bT6i
gBAJF7hwB+NOWQHrkH0oAdRQA10SRdrorD0IzVSbS4HHyjb6YoAdGhgiWNgQ
FGNxPX8hUiqzcjBHqD1pBYV1KDIBNRmCNyC0AP1UUwEa1hUcwRn/AIBWfbx+
XEB36mgTHk0xV3uq+p70CL55KID1IHT05/kKimEpc7Ccg8D1Jx/Sla5aI4hv
A3HnODxg/j71dkhzMjYCgZ6UJA3c/9loEx5NMVd7QWZAwUDOSPakO48kkAHt
VzT1xEXORubjP5VRNyZmKAvzipoWQp1GepoGZltGyRkMpXnIyO1MlX5gR2NA
Emc0UAQSfLJ8oOTQpy+cduaAGsJFj3bGH1FQMxdVUgYGeQOT9aYDJhGjDEgO
VB+UZwfep4nuIi0cJbhslGXkDgD9TQIWC7UMP3e3GRlPfPY8dKHS3lOBMVwm
cuPTPGfy/OgBfIMcMhJQ7gOQe3cfn/KqxIds4UZ4wB0oAWNCX2joev0q7igG
Ifbr2zWnEmyJUGeBikCJJJYrZAJZVXIJ571Ar28wZ4Zl5H3c5wM9cHkf/qos
MtkRyqQ21hnjnP8Ak1Unsd+WiJ57GgCptZCUYYIpCcCgCJ/vK3TmlldohuQ8
nII9RQgZOJ0miZY43PDDOD3HfFZsjgDyxuyCdxI5oWoWsV5AQ7ZPOamF1PJC
sAAbb907csB6D0FAgy0wyFy/8WOp96RADIuR0PzUwHtLK2T/AAscYAwCB9O3
SmMO+MDPFAFmzT5S5z6CrBoEOgjEk6Lx1zWi2FJz2pDKN5ardyBi5QgAevH0
qiLOWG4BwWQHhh/nilcqx0eBncRz0paYhskSSDDqDVObTznMTZHoaAKN2pjj
ZGGG9KrfNMxJ/wD1UxEW943O1yD6g0kYDFi4JGMk+lAFiFFAOSEyOmThunH+
femTxmKUugETqTkjoWzyB2/yaAuQ7m3E/wATHk4pYcbmzkHH/wCugBynMJLD
JzgEHv3J/Cmqdx2gckigDQjQIgUduKUikInswUkZ+uOParSfvJPmwc8/gP8A
69BRIYIypGMe9U50MbiMnJIzxSaGi552G/eRlecA9RT1ZXGVOfxqrCHUUgGS
RJKmyRQw9DVC50vafMtGKMP4c/yNAGVPbyxPiZSpOTk9/wDGm/dJ2njsSOaZ

JLHDNP8AOiMGPBYDAI/lUUqSplWBUHHHb/PWmFxgYjjt+eKVlw7LnoTj3pDJ
J3V5SURVQgAAf59qdZR5kL9h/OgC6aYxxQItwp5duCeD1NSea0LgFc8DPv71
LKRJHcxScHAOe9RTOGuowpyvXrmmDLtMaFG7bT6igBAJF7hwB+NOWQHrkH0o
AdRQA10SRdrorD0IzVSbS4HHyjb6YoAdGhgiWNgQFGNxPX8hUiqzcjBHqD1p
BYV1KDIBNRmCNyC0AP1UUwEa1hUcwRn/AIBWfbx+XEB36mgTHk0xV3uq/9sA
xQAKBwgJCAYKCQgJDAsKDA8aEQ8ODg8fFhgTGiUhJyYkISQjKS47MiksOCwj
JDNGNDg9P0JDQigxSE1IQE07QUI/AQsMDA8NDx4RER4/KiQqPz8/Pz8/Pz8/
Pz8/Pz8/Pz8/Pz8/Pz8/Pz8/Pz8/Pz8/Pz8/Pz8/Pz8/Pz8/Pz8/Pz8CCwwM
Dw0PHhERHj8qJCo/Pz8/Pz8/Pz8/Pz8/Pz8/Pz8/Pz8/Pz8/Pz8/
Pz8/Pz8/Pz8/Pz8/P//EAaIAAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYH
CAkKCxAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEI
I0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVW
V1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ip
qrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3
+Pn6AQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgsRAAIBAgQEAwQHBQQE
AAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDTh
JfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2
d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXG
x8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/AABEIA8AFAAMBIQAC
EQEDEQH/2gAMAwEAAhEDEQA/AMMglRmnopxnjPqaDWWi0E3KmQzEkdzVXcfm
kPORx6ioRxsXsSNwBUKjwBBC6jaYHBNWBzAEZSUUIjMowpNbKOoXsJeTkZTiow7EAngegeTm
oQxsSJbPIuBgYHBNWkgZEwzAoO
oqZWWhpCTUidVIIUgYA/KnMgUhWIAFZSdtjea5hGZQTiow7EAngegrJpvclC
tza7FOCDnOetRQoSQxGOeavbYNScAZY9u3NQsDnDcc5z6UtNyubXQUAg88j6
U4AkknjPp1FTddUNXA44PTIppAzzk/h0q3psJgemV5NIpBBC9e/tUN2VgS1D
BJKkDH86fGTsOeD2o6aCdkKeGBJHvzXP3N3cW15IqyMVzwM9sVpS13Mq3Sxe
iEt5cQxxuWyMkHpjiustNOsrOAFoQ7n+NxkCt9UjO3KtCO40y2e4juLe3AkQ
Ebh2FT+ShtjPK+ED7Aqnn8qVxXvuQasiSWUaRkqkbZ25z19KyJjBHcRhiWBz
kDoTipeugr6jJTGArxj5cjvxWyIiHjCSHJXJB6VKBak9xNHbWDzsHZFGWAAx
xU6ReYkcvzDeoYFR602roL6lDV9TvLK2iWCVs7sOH9Krw62pX/SIdp9V6VMo
o2pRcrtF+1vLWYOI5h9GOD+FWV2suYssMcnrV9CJb2GqHAyMYPpSMWVx8wX1
5qJW2NYbakRAJbnI9RSeWSoAHB7Y60krBzEyWpaMnOBjpTrZABwhJJ71Gw+b
SxBsRZW+XIzng1FNF50m/gYx+WFCbwhJJ71Gw+b+opuP+f8K0EG32pMY68fgaADE
wn2PWqUkeAAIsHsQaAo0AKKACigAooAKKACigAooAKKACigAooAKKACigAooA
QrtYHuDmvyo/4KJ/8E+/2ivjx+1Z4k+IXwy+Hv8AaXhzVLWyjtbz+1rGDzDH
bRo42yTKwwyMOQDxXyOfYOvjMOqdCSTTvqfqXhrnWWZLmU8Rj6bnFxcbJNrV
q+6PzT/4dZ/8FEf+iH/+Vqw/+SK+Y/2gf2Ufjx+yvrlvoPx6+Hv9g3t5D59r
b/2tY3fmR5I3bredoyQeDXzuEwGKwtX2tenyvTdNP8Gf0Jxf4ocOcWZZ/Y+S
4r2tFyjLlcJRfuvmV1JrZ2Z+Z/8AwUT/AOCff7RXx4/as8SfEL4ZfD3+0vDmq
WtlHa3n9rWMHmGO2jRxtkmVhhkYcgHivkcJgMVhavtadPlemqaf4M/oTi/xQ4c4s
yz+x8lxXtaLlGXK4Si/dfMrqTWzsz8z/APgon/wT7/aK+PH7VniT4hfDL4e/
2l4c1S1so7W8/taxg8wx20aONskysMMjDkA8V8jhMBisLV9rTp8r03TT/Bn9
CcX+KHDnFmWf2PkuK9rRcoy5XCUX7r5ldSa2dmfmf/wUT/4J9/tFfHj9qzxJ
8Qvhl8Pf7S8OapbWUdref2tYweYY7aNHG2SZWGGRhyAeK+RwmAxWFq+1p0+V
6bpp/gz+hOL/ABQ4c4syz+x8lxXtaLlGXK4Si/dfMrqTWzsz8z/+Cif/AAT7
/aK+PH7VniT4hfDL4e/2l4c1S1so7W8/taxg8wx20aONskysMMjDkA8V8jhM
BisLV9rTp8r03TT/AAZ/QnF/ihw5xZln9j5LivaUXKMuVwlF+6+ZXUmtnZn5
n/8ABRP/AIJ9/tFfHj9qzxJ8Qvhl8Pf7S8OapbWUdref2tYweYY7aNHG2SZW
GGRhyAeK+RwmAxWFq+1p0+V6bpp/gz+hOL/FDhzizLP7HyXFe1ouUZcrhKL9
18yupNbOzPzP/wCCif8AwT7/AGivjx+1Z4k+IXwy+Hv9peHNUtbKO1vP7WsY
PMMdtGjjbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF/ihw5xZln9j5Li
va0XKMuVwlF+6+ZXUmtnZn5n/wDBRP8A4J9/tFfHj9qzxJ8Qvhl8Pf7S8Oap
a2UdrefbrGDzDHbRo42yTKwwyMOQDxXyOEwGKwtX2tOnyvTdNP8ABn9CcX+K
HDnFmWf2PkuK9rRcoy5XCUX7r5ldSa2dmfmf/wAFE/8Agn3+0V8eP2rPEnxC
+GXw9/tLw5qlrZR2t5/a1jB5hjto0cbZJlYYZGHIB4r5HCYDFYWr7WnT5Xpu
mn+DP6E4v8UOHOLMs/sfJcV7Wi5RlyuEov3XzK6k1s7M/M//AIKJ/wDBPv8A
aK+PH7VniT4hfDL4e/2l4c1S1so7W8/taxg8wx20aONskysMMjDkA8V8jhMB
isLV9rTp8r03TT/Bn9CcX+KHDnFmWf2PkuK9rRcoy5XCUX7r5ldSa2dmfmf/
wUT/AOCff7RXx4/as8SfEL4ZfD3+0vDmqWtlHa3n9rWMHmGO2jRxtkmVhhkY
cgHivkcJgMVhavtadPlem6af4M/oTi/xQ4c4syz+x8lxXtaLlGXK4Si/dfMr
qTWzsz8z/wDgon/wT7/aK+PH7VniT4hfDL4e/wBpeHNUtbKO1vP7WsYPMMdt
GjjbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF/ihw5xZln9j5LivaUXK
MuVwlF+6+ZXUmtnZn5n/APBRP/gn3+0V8eP2rPEnxC+GXw9/tLw5qlrZR2t5
/a1jB5hjto0cbZJlYYZGHIB4r5HCYDFYWr7WnT5Xpumn+DP6E4v8UOHOLMs/
sfJcV7Wi5RlyuEov3XzK6k1s7M/M/wD4KJ/8E+/2ivjx+1Z4k+IXwy+Hv9pe
HNUtbKO1vP7WsYPMMdtGjjbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF
/ihw5xZln9j5LivaUXKMuVwlF+6+ZXUmtnZn5n/8FE/+Cff7RXx4/as8SfEL
4ZfD3+0vDmqWtlHa3n9rWMHmGO2jRxtkmVhhkYcgHivkcJgMVhavtadPlem6
af4M/oTi/wAUOHOLMs/sfJcV7Wi5RlyuEov3XzK6k1s7M/M/wD4KJ/8E+/2
ivjx+1Z4k+IXwy+Hv9peHNUtbKO1vP7WsYPMMdtGjjbJMrDDIw5APFfI4TAY
rC1fa06fK9N00/wZ/QnF/ihw5xZln9j5LivaUXKMuVwlF+6+ZXUmtnZn5n/8
FE/+Cff7RXx4/as8SfEL4ZfD3+0vDmqWtlHa3n9rWMHmGO2jRxtkmVhhkYcg
HivkcJgMVhavtadPlem6af4M/oTi/wAUOHOLMs/sfJcV7Wi5RlyuEov3XzK6
k1s7M/M/wD4KJ/8E+/2ivjx+1Z4k+IXwy+Hv9peHNUtbKO1vP7WsYPMMdtGj
jbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF/ihw5xZln9j5LivaUXKMu
VwlF+6+ZXUmtnZn5n/8ABRP/gn3+0V8eP2rPEnxC+GXw9/tLw5qlrZR2t5/a
1jB5hjto0cbZJlYYZGHIB4r5HCYDFYWr7WnT5Xpumn+DP6E4v8UOHOLMs/sf
JcV7Wi5RlyuEov3XzK6k1s7M/M//AIKJ/wDBPv8AaK+PH7VniT4hfDL4e/2l
4c1S1so7W8/taxg8wx20aONskysMMjDkA8V8jhMBisLV9rTp8r03TT/Bn9Cc
X+KHDnFmWf2PkuK9rRcoy5XCUX7r5ldSa2dmfmf/AMFE/wDgn3+0V8eP2rPE
nxC+GXw9/tLw5qlrZR2t5/a1jB5hjto0cbZJlYYZGHIB4r5HCYDFYWr7WnT5
Xpumn+DP6E4v8UOHOLMs/sfJcV7Wi5RlyuEov3XzK6k1s7M/M/8A4KJ/8E+/
2ivjx+1Z4k+IXwy+Hv8AaXhzVLWyjtbz+1rGDzDHbRo42yTKwwyMOQDxXyOE
wGKwtX2tOnyvTdNP8Gf0Jxf4ocOcWZZ/Y+S4r2tFyjLlcJRfuvmV1JrZ2Z+Z
/wDwUT/4J9/tFfHj9qzxJ8Qvhl8Pf7S8OapbWUdref2tYweYY7aNHG2SZWG
GRhyAeK+RwmAxWFq+1p0+V6bpp/gz+hOL/FDhzizLP7HyXFe1ouUZcrhKL91
8yupNbOzPzP/AOCif/BPv9or48ftWeJPiF8Mvh7/AGl4c1S1so7W8/taxg8w
x20aONskysMMjDkA8V8jhMBisLV9rTp8r03TT/Bn9CcX+KHDnFmWf2PkuK9r
Rcoy5XCUX7r5ldSa2dmfmf8A8FE/+Cff7RXx4/as8SfEL4ZfD3+0vDmqWtlH
a3n9rWMHmGO2jRxtkmVhhkYcgHivkcJgMVhavtadPlem6af4M/oTi/xQ4c4s
yz+x8lxXtaLlGXK4Si/dfMrqTWzsz8z/APgon/wT7/aK+PH7VniT4hfDL4e/
2l4c1S1so7W8/taxg8wx20aONskysMMjDkA8V8jhMBisLV9rTp8r03TT/Bn9
CcX+KHDnFmWf2PkuK9rRcoy5XCUX7r5ldSa2dmfmf/wUT/4J9/tFfHj9qzxJ
8Qvhl8Pf7S8OapbWUdref2tYweYY7aNHG2SZWGGRhyAeK+RwmAxWFq+1p0+V
6bpp/gz+hOL/ABQ4c4syz+x8lxXtaLlGXK4Si/dfMrqTWzsz8z/+Cif/AAT7
/aK+PH7VniT4hfDL4e/2l4c1S1so7W8/taxg8wx20aONskysMMjDkA8V8jhM
BisLV9rTp8r03TT/AAZ/QnF/ihw5xZln9j5LivaUXKMuVwlF+6+ZXUmtnZn5
n/8ABRP/AIJ9/tFfHj9qzxJ8Qvhl8Pf7S8OapbWUdref2tYweYY7aNHG2SZW
GGRhyAeK+RwmAxWFq+1p0+V6bpp/gz+hOL/FDhzizLP7HyXFe1ouUZcrhKL9
18yupNbOzPzP/wCCif8AwT7/AGivjx+1Z4k+IXwy+Hv9peHNUtbKO1vP7WsY
PMMdtGjjbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF/ihw5xZln9j5Li
va0XKMuVwlF+6+ZXUmtnZn5n/wDBRP8A4J9/tFfHj9qzxJ8Qvhl8Pf7S8Oap
a2UdrefbrGDzDHbRo42yTKwwyMOQDxXyOEwGKwtX2tOnyvTdNP8ABn9CcX+K
HDnFmWf2PkuK9rRcoy5XCUX7r5ldSa2dmfmf/wAFE/8Agn3+0V8eP2rPEnxC
+GXw9/tLw5qlrZR2t5/a1jB5hjto0cbZJlYYZGHIB4r5HCYDFYWr7WnT5Xpu
mn+DP6E4v8UOHOLMs/sfJcV7Wi5RlyuEov3XzK6k1s7M/M//AIKJ/wDBPv8A
aK+PH7VniT4hfDL4e/2l4c1S1so7W8/taxg8wx20aONskysMMjDkA8V8jhMB
isLV9rTp8r03TT/Bn9CcX+KHDnFmWf2PkuK9rRcoy5XCUX7r5ldSa2dmfmf/
wUT/AOCff7RXx4/as8SfEL4ZfD3+0vDmqWtlHa3n9rWMHmGO2jRxtkmVhhkY
cgHivkcJgMVhavtadPlem6af4M/oTi/xQ4c4syz+x8lxXtaLlGXK4Si/dfMr
qTWzsz8z/wDgon/wT7/aK+PH7VniT4hfDL4e/wBpeHNUtbKO1vP7WsYPMMdt
GjjbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF/ihw5xZln9j5LivaUXK
MuVwlF+6+ZXUmtnZn5n/APBRP/gn3+0V8eP2rPEnxC+GXw9/tLw5qlrZR2t5
/a1jB5hjto0cbZJlYYZGHIB4r5HCYDFYWr7WnT5Xpumn+DP6E4v8UOHOLMs/
sfJcV7Wi5RlyuEov3XzK6k1s7M/M/wD4KJ/8E+/2ivjx+1Z4k+IXwy+Hv9pe
HNUtbKO1vP7WsYPMMdtGjjbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF
/ihw5xZln9j5LivaUXKMuVwlF+6+ZXUmtnZn5n/8FE/+Cff7RXx4/as8SfEL
4ZfD3+0vDmqWtlHa3n9rWMHmGO2jRxtkmVhhkYcgHivkcJgMVhavtadPlem6
af4M/oTi/wAUOHOLMs/sfJcV7Wi5RlyuEov3XzK6k1s7M/M/wD4KJ/8E+/2
ivjx+1Z4k+IXwy+Hv9peHNUtbKO1vP7WsYPMMdtGjjbJMrDDIw5APFfI4TAY
rC1fa06fK9N00/wZ/QnF/ihw5xZln9j5LivaUXKMuVwlF+6+ZXUmtnZn5n/8
FE/+Cff7RXx4/as8SfEL4ZfD3+0vDmqWtlHa3n9rWMHmGO2jRxtkmVhhkYcg
HivkcJgMVhavtadPlem6af4M/oTi/wAUOHOLMs/sfJcV7Wi5RlyuEov3XzK6
k1s7M/M/wD4KJ/8E+/2ivjx+1Z4k+IXwy+Hv9peHNUtbKO1vP7WsYPMMdtGj
jbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF/ihw5xZln9j5LivaUXKMu
VwlF+6+ZXUmtnZn5n/8ABRP/gn3+0V8eP2rPEnxC+GXw9/tLw5qlrZR2t5/a
1jB5hjto0cbZJlYYZGHIB4r5HCYDFYWr7WnT5Xpumn+DP6E4v8UOHOLMs/sf
JcV7Wi5RlyuEov3XzK6k1s7M/M//AIKJ/wDBPv8AaK+PH7VniT4hfDL4e/2l
4c1S1so7W8/taxg8wx20aONskysMMjDkA8V8jhMBisLV9rTp8r03TT/Bn9Cc
X+KHDnFmWf2PkuK9rRcoy5XCUX7r5ldSa2dmfmf/AMFE/wDgn3+0V8eP2rPE
nxC+GXw9/tLw5qlrZR2t5/a1jB5hjto0cbZJlYYZGHIB4r5HCYDFYWr7WnT5
Xpumn+DP6E4v8UOHOLMs/sfJcV7Wi5RlyuEov3XzK6k1s7M/M/8A4KJ/8E+/
2ivjx+1Z4k+IXwy+Hv8AaXhzVLWyjtbz+1rGDzDHbRo42yTKwwyMOQDxXyOE
wGKwtX2tOnyvTdNP8Gf0Jxf4ocOcWZZ/Y+S4r2tFyjLlcJRfuvmV1JrZ2Z+Z
/wDwUT/4J9/tFfHj9qzxJ8Qvhl8Pf7S8OapbWUdref2tYweYY7aNHG2SZWG
GRhyAeK+RwmAxWFq+1p0+V6bpp/gz+hOL/FDhzizLP7HyXFe1ouUZcrhKL91
8yupNbOzPzP/AOCif/BPv9or48ftWeJPiF8Mvh7/AGl4c1S1so7W8/taxg8w
x20aONskysMMjDkA8V8jhMBisLV9rTp8r03TT/Bn9CcX+KHDnFmWf2PkuK9r
Rcoy5XCUX7r5ldSa2dmfmf8A8FE/+Cff7RXx4/as8SfEL4ZfD3+0vDmqWtlH
a3n9rWMHmGO2jRxtkmVhhkYcgHivkcJgMVhavtadPlem6af4M/oTi/xQ4c4s
yz+x8lxXtaLlGXK4Si/dfMrqTWzsz8z/AIKJ/wDBPv8AaK+PH7VniT4hfDL4
e/2l4c1S1so7W8/taxg8wx20aONskysMMjDkA8V8jhMBisLV9rTp8r03TT/B
n9CcX+KHDnFmWf2PkuK9rRcoy5XCUX7r5ldSa2dmfmf/AMFE/wDgn3+0V8eP
2rPEnxC+GXw9/tLw5qlrZR2t5/a1jB5hjto0cbZJlYYZGHIB4r5HCYDFYWr7
WnT5Xpumn+DP6E4v8UOHOLMs/sfJcV7Wi5RlyuEov3XzK6k1s7M/M/8A4KJ/
8E+/2ivjx+1Z4k+IXwy+Hv8AaXhzVLWyjtbz+1rGDzDHbRo42yTKwwyMOQDx
XyOEwGKwtX2tOnyvTdNP8Gf0Jxf4ocOcWZZ/Y+S4r2tFyjLlcJRfuvmV1JrZ
2Z+Z/wDwUT/4J9/tFfHj9qzxJ8Qvhl8Pf7S8OapbWUdref2tYweYY7aNHG2S
ZWGGRhyAeK+RwmAxWFq+1p0+V6bpp/gz+hOL/FDhzizLP7HyXFe1ouUZcrhK
L918yupNbOzPzP/4KJ/8E+/2ivjx+1Z4k+IXwy+Hv9peHNUtbKO1vP7WsYPM
MdtGjjbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF/ihw5xZln9j5Livb
0XKMuVwlF+6+ZXUmtnZn5n/8FE/+Cff7RXx4/as8SfEL4ZfD3+0vDmqWtlHa
3n9rWMHmGO2jRxtkmVhhkYcgHivkcJgMVhavtadPlem6af4M/oTi/wAUOHOL
Ms/sfJcV7Wi5RlyuEov3XzK6k1s7M/M//gon/wAE+/2ivjx+1Z4k+IXwy+Hv
9peHNUtbKO1vP7WsYPMMdtGjjbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/
QnF/ihw5xZln9j5LivaUXKMuVwlF+6+ZXUmtnZn5n/8ABRP/AIJ9/tFfHj9q
zxJ8Qvhl8Pf7S8OapbWUdref2tYweYY7aNHG2SZWGGRhyAeK+RwmAxWFq+1p
0+V6bpp/gz+hOL/FDhzizLP7HyXFe1ouUZcrhKL918yupNbOzPzP/wCCif8A
wT7/AGivjx+1Z4k+IXwy+Hv9peHNUtbKO1vP7WsYPMMdtGjjbJMrDDIw5APF
fI4TAYrC1fa06fK9N00/wZ/QnF/ihw5xZln9j5LivaUXKMuVwlF+6+ZXUmtn
Zn5n/wDBRP8A4J9/tFfHj9qzxJ8Qvhl8Pf7S8OapbWUdref2tYweYY7aNHG2
SZWGGRhyAeK+RwmAxWFq+1p0+V6bpp/gz+hOL/FDhzizLP7HyXFe1ouUZcrh
KL918yupNbOzPzP/AOCif/BPv9or48ftWeJPiF8Mvh7/AGl4c1S1so7W8/ta
xg8wx20aONskysMMjDkA8V8jhMBisLV9rTp8r03TT/Bn9CcX+KHDnFmWf2Pk
uK9rRcoy5XCUX7r5ldSa2dmfmf8A8FE/+Cff7RXx4/as8SfEL4ZfD3+0vDmq
WtlHa3n9rWMHmGO2jRxtkmVhhkYcgHivkcJgMVhavtadPlem6af4M/oTi/xQ
4c4syz+x8lxXtaLlGXK4Si/dfMrqTWzsz8z/AIKJ/wDBPv8AaK+PH7VniT4h
fDL4e/2l4c1S1so7W8/taxg8wx20aONskysMMjDkA8V8jhMBisLV9rTp8r03
TT/Bn9CcX+KHDnFmWf2PkuK9rRcoy5XCUX7r5ldSa2dmfmf/AMFE/wDgn3+0
V8eP2rPEnxC+GXw9/tLw5qlrZR2t5/a1jB5hjto0cbZJlYYZGHIB4r5HCYDF
YWr7WnT5Xpumn+DP6E4v8UOHOLMs/sfJcV7Wi5RlyuEov3XzK6k1s7M/M/8A
4KJ/8E+/2ivjx+1Z4k+IXwy+Hv8AaXhzVLWyjtbz+1rGDzDHbRo42yTKwwyM
OQDxXyOEwGKwtX2tOnyvTdNP8Gf0Jxf4ocOcWZZ/Y+S4r2tFyjLlcJRfuvmV
1JrZ2Z+Z/wDwUT/4J9/tFfHj9qzxJ8Qvhl8Pf7S8OapbWUdref2tYweYY7aN
HG2SZWGGRhyAeK+RwmAxWFq+1p0+V6bpp/gz+hOL/FDhzizLP7HyXFe1ouUZ
crhKL918yupNbOzPzP/4KJ/8E+/2ivjx+1Z4k+IXwy+Hv9peHNUtbKO1vP7W
sYPMMdtGjjbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF/ihw5xZln9j5
Livb0XKMuVwlF+6+ZXUmtnZn5n/8FE/+Cff7RXx4/as8SfEL4ZfD3+0vDmqW
tlHa3n9rWMHmGO2jRxtkmVhhkYcgHivkcJgMVhavtadPlem6af4M/oTi/wAU
OHOLMs/sfJcV7Wi5RlyuEov3XzK6k1s7M/M//gon/wAE+/2ivjx+1Z4k+IXw
y+Hv9peHNUtbKO1vP7WsYPMMdtGjjbJMrDDIw5APFfI4TAYrC1fa06fK9N00
/wZ/QnF/ihw5xZln9j5LivaUXKMuVwlF+6+ZXUmtnZn5n/8ABRP/AIJ9/tFf
HjxJ8Qvhl8Pf7S8OapbWUdref2tYweYY7aNHG2SZWGGRhyAeK+RwmAxWFq+1
p0+V6bpp/gz+hOL/ABQ4c4syz+x8lxXtaLlGXK4Si/dfMrqTWzsz8z/+Cif/
AAT7/aK+PH7VniT4hfDL4e/2l4c1S1so7W8/taxg8wx20aONskysMMjDkA8V
8jhMBisLV9rTp8r03TT/AAZ/QnF/ihw5xZln9j5LivaUXKMuVwlF+6+ZXUmt
nZn5n/8ABRP/AIJ9/tFfHj9qzxJ8Qvhl8Pf7S8OapbWUdref2tYweYY7aNHG
2SZWGGRhyAeK+RwmAxWFq+1p0+V6bpp/gz+hOL/FDhzizLP7HyXFe1ouUZcr
hKL918yupNbOzPzP/wCCif8AwT7/AGivjx+1Z4k+IXwy+Hv9peHNUtbKO1vP
7WsYPMMdtGjjbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF/ihw5xZln9
j5LivaUXKMuVwlF+6+ZXUmtnZn5n/wDBRP8A4J9/tFfHj9qzxJ8Qvhl8Pf7S
8OapbWUdref2tYweYY7aNHG2SZWGGRhyAeK+RwmAxWFq+1p0+V6bpp/gz+hO
L/FDhzizLP7HyXFe1ouUZcrhKL918yupNbOzPzP/AOCif/BPv9or48ftWeJP
iF8Mvh7/AGl4c1S1so7W8/taxg8wx20aONskysMMjDkA8V8jhMBisLV9rTp8
r03TT/Bn9CcX+KHDnFmWf2PkuK9rRcoy5XCUX7r5ldSa2dmfmf8A8FE/+Cff
7RXx4/as8SfEL4ZfD3+0vDmqWtlHa3n9rWMHmGO2jRxtkmVhhkYcgHivkcJg
MVhavtadPlem6af4M/oTi/xQ4c4syz+x8lxXtaLlGXK4Si/dfMrqTWzsz8z/
AIKJ/wDBPv8AaK+PH7VniT4hfDL4e/2l4c1S1so7W8/taxg8wx20aONskysM
MjDkA8V8jhMBisLV9rTp8r03TT/Bn9CcX+KHDnFmWf2PkuK9rRcoy5XCUX7r
5ldSa2dmfmf/AMFE/wDgn3+0V8eP2rPEnxC+GXw9/tLw5qlrZR2t5/a1jB5h
jto0cbZJlYYZGHIB4r5HCYDFYWr7WnT5Xpumn+DP6E4v8UOHOLMs/sfJcV7W
i5RlyuEov3XzK6k1s7M/M/8A4KJ/8E+/2ivjx+1Z4k+IXwy+Hv8AaXhzVLWy
jtbz+1rGDzDHbRo42yTKwwyMOQDxXyOEwGKwtX2tOnyvTdNP8Gf0Jxf4ocOc
WZZ/Y+S4r2tFyjLlcJRfuvmV1JrZ2Z+Z/wDwUT/4J9/tFfHj9qzxJ8Qvhl8P
f7S8OapbWUdref2tYweYY7aNHG2SZWGGRhyAeK+RwmAxWFq+1p0+V6bpp/gz
+hOL/FDhzizLP7HyXFe1ouUZcrhKL918yupNbOzPzP8AgoX/AME+/wBor48f
tWeJPiF8Mvh7/aXhzVLWyjtbz+1rGDzDHbRo42yTKwwyMOQDxXyOEwGKwtX2
tOnyvTdNP8Gf0Jxf4ocOcWZZ/Y+S4r2tFyjLlcJRfuvmV1JrZ2Z+Z/wDwUT/
AOCff7RXx4/as8SfEL4ZfD3+0vDmqWtlHa3n9rWMHmGO2jRxtkmVhhkYcgHi
vkcJgMVhavtadPlem6af4M/oTi/xQ4c4syz+x8lxXtaLlGXK4Si/dfMrqTWz
sz8z/wDgon/wT7/aK+PH7VniT4hfDL4e/wBpeHNUtbKO1vP7WsYPMMdtGjjb
JMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF/ihw5xZln9j5LivaUXKMuVw
lF+6+ZXUmtnZn5n/APBRP/gn3+0V8eP2rPEnxC+GXw9/tLw5qlrZR2t5/a1j
B5hjto0cbZJlYYZGHIB4r5HCYDFYWr7WnT5Xpumn+DP6E4v8UOHOLMs/sfJc
V7Wi5RlyuEov3XzK6k1s7M/M/wD4KJ/8E+/2ivjx+1Z4k+IXwy+Hv9peHNUt
bKO1vP7WsYPMMdtGjjbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF/ihw
5xZln9j5LivaUXKMuVwlF+6+ZXUmtnZn5n/8FE/+Cff7RXx4/as8SfEL4ZfD
3+0vDmqWtlHa3n9rWMHmGO2jRxtkmVhhkYcgHivkcJgMVhavtadPlem6af4M
/oTi/wAUOHOLMs/sfJcV7Wi5RlyuEov3XzK6k1s7M/M/4KJ/8E+/2ivjx+1Z
4k+IXwy+Hv8AaXhzVLWyjtbz+1rGDzDHbRo42yTKwwyMOQDxXyOEwGKwtX2t
Onyvy6bpp/gz+hOL/FDhzizLP7HyXFe1ouUZcrhKL918yupNbOzPzP8AgoX/
AME+/wBor48ftWeJPiF8Mvh7/aXhzVLWyjtbz+1rGDzDHbRo42yTKwwyMOQD
xXyOEwGKwtX2tOnyvTdNP8Gf0Jxf4ocOcWZZ/Y+S4r2tFyjLlcJRfuvmV1Jr
Z2Z+Z/wUT/4J9/tFfHj9qzxJ8Qvhl8Pf7S8OapbWUdref2tYweYY7aNHG2SZ
WGGRhyAeK+RwmAxWFq+1p0+V6bpp/gz+hOL/ABQ4c4syz+x8lxXtaLlGXK4S
i/dfMrqTWzsz8z/+Cif/AAT7/aK+PH7VniT4hfDL4e/2l4c1S1so7W8/taxg
8wx20aONskysMMjDkA8V8jhMBisLV9rTp8r03TT/AAZ/QnF/ihw5xZln9j5L
ivaUXKMuVwlF+6+ZXUmtnZn5n/8ABRP/AIJ9/tFfHj9qzxJ8Qvhl8Pf7S8Oa
pa2UdrefbrGDzDHbRo42yTKwwyMOQDxXyOEwGKwtX2tOnyvTdNP8Gf0Jxf4oc
OcWZZ/Y+S4r2tFyjLlcJRfuvmV1JrZ2Z+Z/wUT/4J9/tFfHj9qzxJ8Qvhl8P
f7S8OapbWUdref2tYweYY7aNHG2SZWGGRhyAeK+RwmAxWFq+1p0+V6bpp/gz
+hOL/FDhzizLP7HyXFe1ouUZcrhKL918yupNbOzPzP8AgoX/AME+/wBor48f
tWeJPiF8Mvh7/aXhzVLWyjtbz+1rGDzDHbRo42yTKwwyMOQDxXyOEwGKwtX2
tOnyvTdNP8Gf0Jxf4ocOcWZZ/Y+S4r2tFyjLlcJRfuvmV1JrZ2Z+Z/wUT/4J
9/tFfHj9qzxJ8Qvhl8Pf7S8OapbWUdref2tYweYY7aNHG2SZWGGRhyAeK+Rw
mAxWFq+1p0+V6bpp/gz+hOL/ABQ4c4syz+x8lxXtaLlGXK4Si/dfMrqTWzsz
8z/+Cif/AAT7/aK+PH7VniT4hfDL4e/2l4c1S1so7W8/taxg8wx20aONskys
MMjDkA8V8jhMBisLV9rTp8r03TT/AAZ/QnF/ihw5xZln9j5LivaUXKMuVwlF
+6+ZXUmtnZn5n/8ABRP/AIJ9/tFfHj9qzxJ8Qvhl8Pf7S8OapbWUdref2tYw
eYY7aNHG2SZWGGRhyAeK+RwmAxWFq+1p0+V6bpp/gz+hOL/FDhzizLP7HyXF
e1ouUZcrhKL918yupNbOzPzP/wCCif8AwT7/AGivjx+1Z4k+IXwy+Hv9peHN
UtbKO1vP7WsYPMMdtGjjbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF/i
hw5xZln9j5LivaUXKMuVwlF+6+ZXUmtnZn5n/wDBRP8A4J9/tFfHj9qzxJ8Q
vhl8Pf7S8OapbWUdref2tYweYY7aNHG2SZWGGRhyAeK+RwmAxWFq+1p0+V6b
pp/gz+hOL/FDhzizLP7HyXFe1ouUZcrhKL918yupNbOzPzP/AOCif/BPv9or
48eJPiF8Mvh7/aXhzVLWyjtbz+1rGDzDHbRo42yTKwwyMOQDxXyOEwGKwtX2
tOnyvTdNP8Gf0Jxf4ocOcWZZ/Y+S4r2tFyjLlcJRfuvmV1JrZ2Z+Z/wUT/4J
9/tFfHj9qzxJ8Qvhl8Pf7S8OapbWUdref2tYweYY7aNHG2SZWGGRhyAeK+Rw
mAxWFq+1p0+V6bpp/gz+hOL/ABQ4c4syz+x8lxXtaLlGXK4Si/dfMrqTWzsz
8z/+Cif/AAT7/aK+PH7VniT4hfDL4e/2l4c1S1so7W8/taxg8wx20aONskys
MMjDkA8V8jhMBisLV9rTp8r03TT/AAZ/QnF/ihw5xZln9j5LivaUXKMuVwlF
+6+ZXUmtnZn5n/8ABRP/AIJ9/tFfHj9qzxJ8Qvhl8Pf7S8OapbWUdref2tYw
eYY7aNHG2SZWGGRhyAeK+RwmAxWFq+1p0+V6bpp/gz+hOL/FDhzizLP7HyXF
e1ouUZcrhKL918yupNbOzPzP/wCCif8AwT7/AGivjx+1Z4k+IXwy+Hv9peHN
UtbKO1vP7WsYPMMdtGjjbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF/i
hw5xZln9j5LivaUXKMuVwlF+6+ZXUmtnZn5n/wDBRP8A4J9/tFfHj9qzxJ8Q
vhl8Pf7S8OapbWUdref2tYweYY7aNHG2SZWGGRhyAeK+RwmAxWFq+1p0+V6b
pp/gz+hOL/FDhzizLP7HyXFe1ouUZcrhKL918yupNbOzPzP/AOCif/BPv9or
48eJPiF8Mvh7/aXhzVLWyjtbz+1rGDzDHbRo42yTKwwyMOQDxXyOEwGKwtX2
tOnyvTdNP8Gf0Jxf4ocOcWZZ/Y+S4r2tFyjLlcJRfuvmV1JrZ2Z+Z/wUT/4J
9/tFfHj9qzxJ8Qvhl8Pf7S8OapbWUdref2tYweYY7aNHG2SZWGGRhyAeK+Rw
mAxWFq+1p0+V6bpp/gz+hOL/ABQ4c4syz+x8lxXtaLlGXK4Si/dfMrqTWzsz
8z/+Cif/AAT7/aK+PH7VniT4hfDL4e/2l4c1S1so7W8/taxg8wx20aONskys
MMjDkA8V8jhMBisLV9rTp8r03TT/AAZ/QnF/ihw5xZln9j5LivaUXKMuVwlF
+6+ZXUmtnZn5n/8ABRP/AIJ9/tFfHj9qzxJ8Qvhl8Pf7S8OapbWUdref2tYw
eYY7aNHG2SZWGGRhyAeK+RwmAxWFq+1p0+V6bpp/gz+hOL/FDhzizLP7HyXF
e1ouUZcrhKL918yupNbOzPzP/wCCif8AwT7/AGivjx+1Z4k+IXwy+Hv9peHN
UtbKO1vP7WsYPMMdtGjjbJMrDDIw5APFfI4TAYrC1fa06fK9N00/wZ/QnF/i
hw5xZln9j5LivaUXKMuVwlF+6+ZXUmtnZ

LuKdJXHbBNKJHbkyIw9CM0WEI2Cfnh3e6nFM/dc5WVPcdBQAKRj5JyB6sM08
Gf8Ahkjf0pXC1hwmmXlkyfXqKDdlfvxsP94VSEBuIX4eMMPdRxULwWE3EltG
fwqudoNVqitJoelyf8sihPeqsnhi1f8A1VwU+laKqnuhqckyvJ4UmHMVwp9d
1UpfDeooGKIkh9jVXpy1NlXa3Kj6TexdbaTjuOaqvBKitvhkznPQ1LoJ/Cy/
apjBycng47jFOZgCOcj+dZSoTua3TQFgvUZb3pN4B4GB6GseSUQbGMxLYBbp
QZcDsSe2O1S10sHQa0wwSRwP0qKJtpDEcg04q2omuiIzMSwCjAphlZpM575x
jjNdFr2OLqR8sOc5PapxbtIB1A9PWtFG2o3qTx2gUgsOfarMcez7oxx1rOU0
xKLY/YATuOe3Tik+UtWEpN6m/LYTcQhBLZHf1FKCGwr546np+FTzcz1OixGo
3OUGBngH/GmsMLgcfhWjjs0Y7PUVQOOe3HFIZAoyO/I4pczBLmHLIHUjoajd
dpzjj1qOW2xWkWCgk5J+lL0OeSBzQrPRg2IcscDOO2KQOSePvd6batuFtRyK
DkdO+aEXDnA6dzSik3qVcQg446np7GpGUjgdqcWiGNIGRx9KwtZj2alnjDjd
+OK0gZTua3g1xNe+VxvMRYHOMfSuvun8sxBkV1XkjP3q2uYz0ZHcsTgoxEZ6
D3qpKYxBGu3BDEvjv/jWdykJfIzWBaFQQoy2OTjtXPPgvk88f/roSJlpqOkG
zcynoo47Cug0p1u9PguQ+XKevQUK24k7DryPzLZoQP3bAgg9DV3SBcR6HCjA
sqAIW71S2GzL1i285JMbtyjPPOayNQQRGDaOMEH2NK1zsofAzPiO4SMDyp54
rY8OTu0wEjEKTjGeDxW0Y+4c02udm+CoyOc9ODUYG9+ASe1czsmWthdoVgX4
x6VblAa2+7gfw4PNZvfQd7kayR+Wxd8EDAAFQLuVNwYg+9C3KSbGJhhkY5Pr
RuRNzM6j15600m2UpD7dka4XYwbII4NRSqACByc9hxTtYp7FVgAM4/L1qpPG
p9M9fxppa3ORu424P7uJRgHaR+tUGXHI59BWD3O2m/dI3xnK59arsBgknj0N
ClZ2ZbZYhy0Cbj1HGD2zUAOGYjOCePwq2lZmcZNsd8oAwCSTjgdKdGPmIz24
A7Uk2tyrq1hwXYpB7Y79KkTGM+/51erGb2jHGnQ+oyAMe9aqOR12/TFC1Oae
jZeguXQ9SAPStCLUCAMkA+9CVjJoux6ljocDsVaraamcgbifr/8AWq0ybFiP
UgR9+M+vY1OL9ehBX1PBzVXESLdRE8sPqRipBLGxOGXHqDTuA7K460oAPQ5+
lMA2n0pMH3/KgAwaSgAooAKKACigCOfaR8xXHcE1TkAIO1APcNikwKFzu2sW
Mme5AzXmWvtu16UkknABBrKTOiktSmeflJ+bofeqrkAn0z19Ki1zaSa2Ghcv
jtjilxnIHTuK0S00B6qw58CPjv05qAHeuOxHORzQthSjbUmxujLEgdAPaowc
SkY5HOKljSV9R4BPGePWgrtXk8e/Sp92O5td20GuZM4GdtL57ghRyOvIqoyu
9TNxuKs5CjcnWkL5fKnBP61U/edhRjZ3JjMsilT8oI5xQyIxyJASOxqOSxPN
ZjfI3H5QDz2poDoAGGB7/wBKvk1uOM+bcfgDI6moQxCENjJ/nU35t0VZIQO+
MstLE2ZMPkDoOaaViXdbDlxuORnnikmdVOOxOOO9TbmHYhB+ZjjocZpc5B5x
WnWyEkmtRyjLID64q6SOcnmoktSkHQDHX9KPU+vNZ7yDzRHF/qzkgnPAPenc
L0//AFVo20rE7ktiga+TIyBk1pyLuJIXHvStoRJ6kfl7gWGPl9TVV+DkZIPe
pSfQoqu2+Ylm9uaaB8/UDjr2rSKQ3ZoXPygj16V0tvFtgRSgY44ANXHXU5ql
0kmSRhRnIlQ+wzUysScCcMP9odKpoyJ4kZzzDE47lTyatxIo6xSL7g5pN2GS
s3y4W5ceu8YFSRgkZ/cyfyqRDygBybfafWM8UgITjdIhHt0osAoOeFlVj6Gg
Buvko4H9080xoYRGM5WRfZVzSfLjiXHsR1ouMdtdsHMbH3NMMZHWIZ9VNIGI
flPJdD6EUeawORNn2PahgIzueCiH0wMZqM7SPmjwfrT3ACUUfKzp9AcUAnGF
nJ/Siwg3TD+6R/vU4XMq9QfqDSsg0HC/IHzDp6jpR9uhc/PHE/qCKpNrYQ1h
YS8yWsRPsBUEmlaVNn9yYyf7vFaKtKIFZ/Dunv8AcmYenIPNVm8LqATDdKfr
WqxCe6K9pNFWTw1drkrIj+2cVQn0O+ReYScelWvZTKVZx3M+axvY85t3/Kmi
CVVAKkevFEsNB6xZUaye5UXlcHOOnoc07Y4YDYea5rRvqZ7ovQWW35pCST+V
WwqKMEj2rOU76IuMe4ZxgjtTGkJGeR6Cs1qzWw0kkew7UHPOPyFFrPQq9xCP
4sZxQvzDAPP60NdGO9loBZBgqCB396azuxOcfWjVbikrq5GpKqcn5qQrjIzn
FK1ncdtFYQ/eJ7fyp5YlM+/ek3dWG7XBTtwVGe1OC8cHGfU1URSaFwUTqPQ0
xhjJB6dacuUUbyE+fOf4e9OJwMHp61CWpT7EbXEUZy7cjp61Y4Lbg3ykUcrs
Q5BNglCOo/KsbXkIMMg68g+1XG9yJJWF8NTiLVLZuNuWQg+hH/1q7TUSLjAV
Quw4Ow9fetX2MZbkjbFsY41OJVHz54J9xVYr5idm54+lJ6Di9SSWORIGfJTI
wR2Nc7KjNIAV2ORkL3xQ9BSu2UtULxwbRxuOG+mRWr4Yk8zTZIs7fJfj6HpR

F3VxWsbRDeSx9BmtSE40ho0ONy52iqJehkygCM4/H1xWBqchCq4xgHj1oS0O
ujsZWmy/PdRvjEjg89hgVo6ZmOWMlj80pxiuiKSpnNPWTOtijjVwkg3knt0p
IzslO3G4nGc4xXC92aLYZOTvxlSRTHlcqql8r2A6UNAhr8qeMGpozuRdxPTo
aa2NbHGLcTie7DysGEpA7YHtT7ctLePHk8xkjPIqZWudVKCtsX9FnEV5Cxzs
IIPoDXQXCYkYHkkdqJE1UjPYkEDn05qrKcZJ4Pp2q01axwT0ZXustDGVOGUn
BPaqytvBOBuHBFZSSW7Omi00RPxnnlWxgd6iIBYkjjHes3bdG0rD7XiKMbs8
fnUbY3MCOpxirTsxJdBeoxu6DB96dENp+op819xSjclbCpnrjrxTk9RjIPAp
t21FGOlmb2jjdbJwCdxBNbcUeTxS5rmMviZbS0J5A5qYWjgZAYfmaL9idA+z
yckLn1GOtKI5EPKsPpmgNBQzgeoHqtSCZx1BU0XZPKTJeODwXBFTJfHPzFC3
uNp//VVpk8pPHfEc5P1RqmS/IP3yP94f4VSkTYsR34bpsIqdbsY+7x68VdxE
i3MZ46n6YqVWVuhH0BpgKVx2/mf6Um36/kaADaewP5UYNACYNKFPofyoAjmY
AfM5H1XiqkmCc4jP0OMUmBRnU7Putn1U5FeWaswfXbktnKEdevTvWb0ZtTZU
LAMST3wMVXCgqVbpU7LQ6eZilcsA456/SnADPpQnbYLO4yc/Jg4znrios8g9
O1NK71E7kxHygEkZOMioQQZHI4IODWc9ilvoSgkbdo6+tJkbADyM9c1Kak7W
NVsPU5BJbpwMimjPAbkjoSOa05baoybewYQ5+U0BEJJRuhxmp5pXBO4jJtOF
IOTzjtTcYzyBjue1XFrYTa2JAxAyD15z2od2KgHnnPWhb2ZNlJXFIBwAeO57
07IxtKA44HvTTs2mEr9ACxuOFI44pvlIc7Gww7HnNVdCvJDEXCgE9OKV1aUh
QBw39KlXch30VyB4mAYYOeuMdaQg454FFpRY7K5JFzOFBHQtV3oRgDnrQ0uo
J2Y1h2yM9scYpJGChieBj8qxveWg7WVyOMEwp6uMnHY08HBxkg+/86tvWyJX
ct6ao895O6qORWgOabkQ1q7DJEymQTyKqseCrjp1qd2Uk2UAAS3I5owSpw3U
cH3raL6DaVi2WhuLuAQRbAo5Gc5Pc1vbNqHMJUAc7D0q0c9S6HxFAABJIp/6
aLxU2HbOXidf9oYzTZluWI06Ew8/9MySauRFAOHkT8KlgSnLHH2iJ/Zhj86f
5XG5reM+hQ80hibQp4EsZ/SnCRgMecAOwbNIAwxHMUT/AEJNJtQdYHU/7B6U
wQ0soHyzuPUN0pckj5Xib3zzQtgE2Ng5hQnv5Z603gZ4kQfTOaVhgGI+7MP+
BfKPzpSWP/PNj35p3ERFV7RED2PFNOzjLsp7EjNNsBOf4ZAR7jj86Qq56qj/
AO6c0JodmxuAvVCP92m7kxjey/hnNTbULC5J+7IpHo/WmkMWwURvoOtO/QVr
CFVz80ePcU35FY7XcH35oATOD8svHoRSh5BySD9KTVg9Q+0TKcDI+h60C+kH
3gR/vDOaOV73FuKb8YOVBP0/lTDNbv8AeiQ+4WmpSjsJxTOWEccanOOOfWo0
be/mlQABhVP61n1ubqNmS7yOvAFAOGGcD6VNjRaCsAwPsaYVLHOSc8U+W+4+
gbBweh74oYhQWxkL7VVktyY9hjSdzwGPTsKjDBSM9M9am99TWKtcc2SSOfoK
FGTgdam5TT5boXyz37dhTXAVckduaWxmnbQZ1AB647UvQjH3emPUUN9bDA5w
cZGfTtT+M8dKEOVhGOW5JwDxmmMdq5B5z3pSbbSJ+Ejmuo485fLZ7c1nz6gx
I2ECt40tTOc0U5Y7k273AX5UGWLcZrfsplmsYZV5V14xVVIWVkTCRP1A5HTn
3qhrqKdODEfMrDcfXmsV7r1NG7ox7B9lwjD+FgwP416JHIpUEr94Ag4xitup
jLUluZMRYcBio+U4wf8A9VU7eZVRWPySdQOtVcleQ671M3FxJAilDgFj2NZm
oYj8lxgHf19vSolqh2a3M/XF32zADG07snr2pfB7lbm7XqGUNzRDSIlrc6ct
8nI+U/rUq3SrZIg+8AQR7VZDRIXN2sdpKzEc/rWLqLCS2jK8nd19+9FrI7MO
9GZUY2hmHA38kmrttdKLqG2jBZfMDAj+ddCcVTuzCelS1jtxLskLFfmI5OKj
VTIjMh6fr71xW1Zbu2QrnzCD+frSkHOTnFO2moJ2AZOM9PpU0TAFRxnPcZFZ
9DXqchcR4urzB6ydMfrT7DBvlwMEoVA9atO6OyD90rWUxR5YA2DHKdvsM11s
N6s0KMrAyLww9qbV3qY1HeJBKcsWKnFU7g5A4zk8ZFLfQ4pKzuV2Je2GRgq5
5qux+YleT/OsKi1SZ0U9rkcjB0DKenGKhkHWps97G3Sw+DLxE8gD17fjULHM
oIx+A5raLtqT5DxHzgHqc0oIBAJwTmpvzbEyu1uSkgpyQDxmltwQxyeOuTVN
e7ZhBdzotEbMAAJPzn610duAWx8vvx/OjlskZVHds6CxiVwPlU++7mtdLSLb
yMe2K1ijnb1HNaQN95Mn1OKibTrYjGCv0xVcqYrshfSojwsqn/exUD6P/wA8
wjj2qXBFczIW0iTrtI/DOPwFQGxcdjx32n/ClytBcY1lIoz5Yx64pvkup6VN
h6ChZM9D+K9KcGdTxu/A9aYWJBNKo4Y4/wBoZFPS5bP8J+uRmmmKxaW9bj76
/wC62RUovm4Bfj0cY/WqUibEqXmTzsP0NSi5U/wN/wABANVcQNdRg4GPcsMY

/Ske4XB2BMeobmi4FGW65PzyD8j+lVmulPG9W/3xiobAqzShkJwuD3DV5jft
v1e6bP8AH3+lRLU6aPUgJBGQOAe9QRK2w5ODk9elTc20JFOTk5xjpS5wcEcE
dKTd0WtyO4I2DPeos5IBAA6D3p000r3Ik03qTK2JACDycrjvxVePBJOeDxVS
7hT0JenC5zR7DoOay5nujV3QSHZCSR3GPqKsB8AFl4YZHFVzu13sQ7MbIw2k
hVB7n1qOPO3jHOeoovdWQR0WowkLxggCplUsiOMMpFaKC3M3Kw3aVAAHAPFM
biVgOB3NJXix3VhzOAB6k4pcsvbH4ZqXK7uwTt1E3KFG0kdPeldl2jnGeOKt
g+ZMXo2eQQPy96cGw3XIznmoTaegWvuBcgYJPWgyBiSV4+lUm+bUVuwRsHYE
KEZecDmpj1yR19Bmpq7jin1I8fvAeDim3DkRMcdRip5dbl25tBqDbFj2708D
jg4IXjHeqWmwrLqXdOz5bt/FkcAVa3IvVhntmpv7xnrdjWuY1BGc+meKgnB8
tnHTGSSOBVaIFfczgcJk4/xoyehyBjg+tWk7FOdi7paeZdqVG7+9zjNbzYRP
mEqA+nIqoKyOaq25WJkckAC5/CRf61KqFusUTn/ZPWrZlYsRKF/hkj/3DV1J
COBNn1Dp/WpYx+GduFhc+/FP2gHJidPUocikAuQv3Z5FB65HH40biQPnRx65
o3DYaVGctDj3TnNBKD7rSx/UUwuGWz/r0Y/7QpCrOeY1cdypwaBDCqj7qyIa
XJA4l4/2hTGgy2OkbfSmkf3oTj/ZOTSQEe5AeHdT/tCglieJFb1yOtCGJhv+
easO+SKaQB1jdAfSjqIbleQskqD+dHzEffU/zqhjSuW+aMEe1MO0H5o3VfXG
cUuothAQB8sxB/2uRTvn7yIfTJoDzGncRlkVvdeKjYqMboWU+o6Uld7gMzH2
cj/eFIzH/noD+FACZf0DDPrTCOOUAHqKa0BnLMxml8tclAPmI/lVgKGwc1Ml
poje1wG4nPZvWnKDyB0HGaizQ7pBwuDnmmiXPT7v86bldaBZvVjdx3cn9KaD
ngcHHNQ9y4rqN2kfKDkDgZFDo2DxgUWKi3ccQpTIP5VLkHHHBHpRZxRUnpYQ
nd0NROSXIHbg8VK1Jtcj+62OaUELnOBx35qrX1KsKDg8Hj1pxwibmIx29amK
aZnK1ilPexxJ/ef2HWqU19I5CAdecAVtCnzGcnzD7bTrq4YM6hE4yTwfyrVt
tLt4FBwJGB3ZcV28kaaujmm+iGzGO4juYBzlOMdDVPw6xbTNh5MTbaxqNW1L
pRsakS8kHt2qHUI/M0udT1CjGPXNccneVzd2SOVtjuzk4JXj2ruPDl1NqQEU
cZluIwF2jqRjrXR1RhbTQlup5G1GW2dSDDjnOc05xubjA74H+elFxpaFa4IX
UIXHRgVIJ5pdXiI0wOATzxiknZFS1KOqxOEDOOJUx7HH9aoeGZDFqkqH5SYt
o9yP604STjcjld9zpri4MMJBU7+gx71B9o2FieqjH40yTFv5TJahFPOc59ea
zklkQPuyRngf1prVWOyEeWNyWezlNi069jnHpUOmlRqFpIv97BH41L8iZNOS
Z6G8ny+WB9M9ajjdlgIHVThu1G7IZETiQE8ZPSlO1Qcn361LdthLzDjPpnua
RHYSAjJ55AqFrubXsc3c/wDIUuc8jIA/KoYn8u4VhknkD2o5Uzrh8KKk0ZN4
7IcBzkkdau6fM9nd27TIwWXg7h2pybijNx5tDr7yymht1ncjZJ0HesO5+90/
TpUxV9zinqyuzFrBjjkMMD0qorHf6k/qazlub0/hEckEkg469MVE5+XIxjHa
rafQ0SH26kQhcll/i7VHsJYnPU5J9KlPdCvZisAWAHr+lAIMnB56kYqYX6oe
iJcnknqOvuP8akgYbjySappO0UJX3NzQuYn6ff8ATiuptgRjJ/WmuxjUep0e
mqz4AGfoOBW2qNsA6e1bw2OZ7iFSOtJViFyfU0ZPqfzoAM/X8zS7j/kZoAaV
RjyoP/Aaa0MTDBX5fTigBjWkDYPljjoABUTafExJBK/gDSsh3I302PHySAH0
Jpn9mtn5SD+IqeUdxj2Eiknap/DFRm3kBwA1LlC4xonHBOfQ4/rSbCuTzn0B
NADfMm7mUHvkZFRySuecK3+8pDUrhYpSSEHhMfRuagedgOXc+7DNK5VitJLk
YBUn06Vwtwc3kzDkl+amW2htSIZAVzkdKZHzGuTk9STSlG8eY3uh/QEA9uPa
m5zyMZFQo3jctNjZCCo9uD9aiDfMq4IGec1qrW0M7PqSYOQAeenXpUSjGQMY
7Yok7lRtfQl4Ctgnnqe4x6UhC7ccDntWW+ha9BZAphG45G7g+lP5IbPYfn9K
I3S02I5eokh/dn0xnGKajfLgn3yf5ULV6jshkpyT7jHHanwEiJcNjj8hVKWt
iOUcHzgZzUOcyljk8VVmtWVohJCSFHXAzipVZW3KxI9PU076q+xEttB5RMff
I79KgckDpnmtLxWwJ3WpaUZODyB+tQnJJ5AOcVgtHZjeiG7mB65NO+bdjHIF
U7pi3JoMOSemKmyCMqeQayloUrsj465qK5OYVCknLYP0+tF3sFmtxwO7gY/p
SnpjPPtWieupFx0cjRLtBwCeO9SqkkmCN555H+FVZXuw0RYS1UOpbqOlOv22
2LEfQY71Dt0C92ZA4bBOMfjUmcKBn8zWt1YbimzT0WPcXLJuIHY4rWYMHQr5
qDOTk5Aq1oclT4rFgM7ZzLG/qHXFSpGR963XJ/55npQ3YzLURC4y00ePUA1b
RyRhZon9AykUh2F8tmPMKuB/canfIvaaP680rgAk44mDD0detKVYjiNG9SrD

imA0BR0V0/3TxTt/bzjn0daQDcs3UI304zSFQTzEyn1Vqewg3qB/rpAfcUbi
cFXR8etAwZT1aJSfVWzTCUGc+YnsOQKQDS+R8s24ejLTSGI+6jfRqBjSBn5o
iPoetN3Kv3ZHH+8tUhDizEcPGfYimlSesKH6HmlsN6jCqj+Bx/KgPxnzmB/2
utAabASzDrG31wKaQc8wj6jvQgaGbVHUSL9O1N3KOPMOffnNF7sNhMsT95XH
bjAqNg2clB/SmvMOgwhQeQ34U0svHzsoPrT3Ec9GgSMKv404tjAAHv71Mr7M
3i09ALg54/SmliV5PB7e9ZybsCSuISMZ6mmuQykjkelSm9mWo31QfMTnBx9K
WNWMgJ4A6/ShW5i2mSttOSoxk8YNITknPU0t9xLuRR9wRyPSngZ707tmkl1A
EgHtx1qLI6sM+1PlRld3E/H6VHvUmlGL6Fc1iGa8RTgfMTWdPdvcOVQsePlA
H6VtCm5M5pzJrbTp5WVpj5ajqD1rUtLWG1OVXeR3Yc10xjyKxzSm3tuWxKTz
3HemO5O5M/L0xVW7kKTWpBax+XK4J74X1xWbpBFvq+oWpHykh0x2OKwqRdrH
TCSnM2UOFBOOmTj1pLsFoWQD5mGBXIlbVG7SOPUEPtzjBOSO+D0rpPC11JZa
zJJA+xyoKsOOcc10vTYytds1r52k1VLhhlpwQx9Wqy4CKjLj5uDmpTe47Wjo
Vb1CrRSMwyj4I780t03mWkiAnGDjB6Gopu7aKktEV7iQy2aBzkAcexrnbF/s
2sROc4D4460QT1RNo8x0uozo90hyAmM5FZi3ctzMxjxsD85/iFXK9iqdO6uy
pNmRzLICqhsYHH5U+QRrFFMBwWIwe3HWnsjdSbfKidJQmkXQZuZBgD+VY9m2
LyDbwu8YA9c0otvoZtaI9El2hgcgAjNMgdfMkU9CMge9JqzsZyGM3IOMH260
5t2QO2KVkO7GHAOT+dIWw42/Njpis73LZzd6TBqcpP3XOahSGSa8SNRjeeM8
ZrWKa0Z0KolC7LmpafDp+pWkYlEkUpw59D6Vb8VzES2kZMeYyWUL3Axxn3qm
YOTm4mgNZS/shGgIdF+bd3B9KzpiTnnms1Zmc04uzK4P+g3AY5xjOO/NVHBR
vlHOOPWsqkbyNaWw7cCoOeemRVdj82Oit04qFJuRs09yaI/unBPJ4GKZz0/i
9K1bVjOzGHIYlVbOPTrRFbymYMUbbjFSm7mlklqXVtpXBJwKlis3G7LAHsac
vIz51E07E/ZAwHKk8HpitJdUuV/1ZXHuuacdFc56j5mSf25qgXEd4Y/901BP
qV/cLsuNSumQ/wAIcgVqr9CHFdTQ8KanNYavFaws88F0+1omcnacZ3DPT3r0
kjBxVRZLVhKKoQUUAFFABRQAuT6mjJ9T+dABk+/5mjdQAhCt95QR9Kb5UWMb
Bj6UARNaRsc52/TFQzWJfO11P+znrUtDMq6tCudwHpnHJrLlhZAcKRx65rJq
zNIsozhlQ5OPZhz+FcTIf3j+u4np71L1NqZFIQAcZ56VCD8oJpJN9TbYl6g9
OlM3YbHG3GePWps1rcFLsRzdcEcZ7GmA4+Y9uAPTNawva4upMSVOc5bB5pi4
HTqP85qZra4J2vYdn5MUEHuME9eKUklqtzRXEc/IgHQGk889T1HAwKcYvlJu
2OLgo7Z4XHJFIuQD0z70mktx7oZMwJIXHAyKkDYiGOoHIoaaRPkCEZOSOe/r
UIIJYj3HWnFt77CaB2BI6bvQU5SXlbIwB0PtVq+xSstxzkIR1z0ppGJQhAPO
AazukwS7lode/SqrkkBu7Ec9afN7wrLqWDIOOFOPSkiYNt7AAjOatVFKNmZ2
102Hwj5GI6Z7+1PLDZlvespJs0e2gg6HvnpxUMp3SRr0BOeamEdHcbT3HngA
dueKcxGeemM1SVtjPQsKAyR8ZHdfSriYC/KQM9MVUr2IJc7h05FUdSYeWqEj
5u1TFSuUrGaDu46U84xwOBWqTtYrZm5o8WLZnMe4scZDcgelaS4Emf30eO23
cPxq43aOOcryZLuB/wCWkUh9xipUj28/ZzjHJjaqsyUW4iABmSZB2DjgVZB3
D5Hikz/e4qb3AQJ38vGP7h608PjoZU+q5otYB28sfvxMfpTWQAgtAAPWN+lA
C71HVpE+oyKTeWOA6v7ZoELgnrEW/wB1qYTGO0qex6D8aTGOEnpKmPQjmjBY
5EaMfVKFqAwqi9VkT/dpCyngS4HYMOtO9kMaS55/duPrimle/kY915pLUBuV
B4d19iKUPkcSq3s1MQ0qx6wxt9DTSAP+WbIPUd6b7AIG7CZ19iKUlh1aNvUs
OanUY0gH70a/gaado6hhj05xTJG7s8+afxHNIN+SBsbPt1oshkbAlf8AVLjt
jpTPqGGadkA1m6/vOnqKaxYjhlb9KA6nPBirEEgjvxzQTnAxWLd3dnVyu2gh
OMYPNKQWIIP4UuuqHYUxcE5wfTtTsYHv6VMnoPUY33fcGnhQkee7UnJvYrRI
QYXlh+FKBnPc0Ws7kpkTjYyPx0xzS554yAe2aqKvuaXuhzngfqKgYhA7MQBn
P4UN2WhEWU5rxUYhRnis+SeSchUyxPPHpW1KmmYyqalq30yWRt0x2d9tacNr
DAo8tBuArrVo7HNOTH3DugUgZbqT/WnqMbd3p17Uhe615iMx/g5PoBTlQCQF
uBu5VR1+tROfQuEW9WFynl3TjoeuaxJMW/ieGdfuTKVb64qpP3CKf8U2wdsm
DyCevpUe7fc+qj9a4E7M7bJnK3q+XfTJ0+bI57Vp6O5/tqJicFkI9sVutrmT
SVzo7yN1WGRwdgY4PoelJIcnA+71HPSlCV20PoJdRSSRkuRnqMdeOaSI7oUk

Y5BHQ/5604q1yHqtDLMzRQtBnKhj161mW8Ty6spB6fMeP5U4pJ3JS5pWua9+
FSFiVPrVO2wJkKnCJzj/ABqZ8x1Q2SIrr95OXHEe7dwfaldXuIiUGEUZAz+d
NO+tjojBqVyBjlNy/MvUrTIkIlhZSc+YCPzzRuyaiszuw37qJiD8y5OB0qsG
Kyn69ambszlkrsazHcMHpU4uAyAEYOKIu71ElZke4tNkDjuR3qdFZpgmCrdv
enZIbMnXrOODX40kcNHKBlh2PpS+JJnt7u0kjESNESVCdGWtEtFczcuayRna
te/2lcR7I9hP3QByWNPudIvIrNLq5QrHuAGTkdKT30Oin7kfeL/APZyRWYk
hLeajAk+o9KglYZI6ZPGKyaSdzKc+Z3YxD8jkqCDx9PrULqzDAGKizbHCaih
iW5wRuwM9qkNopck8ihx5nYt1fIlSFVG1RwOaesI3fdHStIRVrESmyYRnkgU
4KSenPtU2WxF7PceoIXnp6ilB4yc5PXHIoUb7ic7DhjIOfypTwRj5eO3erSS
ZN2wBAPOKXJJ44xTGvM0NBfHiXS2I5878elesv8AeNEVa4SVrCUVZAUUAFLt
PoaAEooAKKACigAooAKMn1P50ANmTzE55PbgGsXUYlgtZbiRThFLEYxUyQ0Y
0qifTY50VkWWPcF615uCTJlCRw5GfxrnloddJN3GyAYUHgd+KhXAXDHnPOKz
vJnTZjmYgfj+AprHBKj0wPrV6pGbWpHJkFecg9aFUcDpWsbp3Jt0JHO3PBIx
jrUSgEg5qJ23LirMkJx8rDgkdqVgOSxyCeajms9C+hLviZcFSuOPWmmKLqCQ
c9610toZJNDHtxtd43ViOMeo9cUJnZyeSMCokkmmaL3tCKSN23FVPI4x/WlE
U4tmkAJjX7xxxntVmbVgV+u48YqFD+7XGNxJ69xmhPSyB6juPMyBzjHHYURM
AGBOD/Sndj0sBfJVQeQetOibdcHa3fipmklcT1ZabABI7d85qsxwI8YPc47i
lfmQXVyTPzZBwc8HoaVSQjNjgdacOSISTWhPGFWI9j9Kc4yoxjp0rNyu9RrQ
ao5GDx796YObkj+EL29atSXUphzknv0py5JUccnvU3Sehk11Lzr5bbWOccVI
CVzj/wDVQ5MLDgx3A9BWfqD/AL4KTyoyTVapWQkrsqqcsTjNKDhlA9au66DZ
0+nwslog2o3H97BNW4mKA4M8XPpuFa9NDitdkgJbo8L+zjaamijwAWt2Huj5
FINi7CxXrNIn+8tTspkHLxPnv0qdAs2Aj2c+S4HrGRUokZWwkzqPRlphYbIS
7HckUn4bTTCmwlvKdT6qcii4CeYByJWT/eXilJLDkq49QaL6AIV4/wBW4Hqp
4pvmY4ErqPRhmluAuSy4Do5P4UwqcfNEc+oNNWGHmYPDyJ9eaaZCT/rEc+9C
CwnGeYV/4CwNNJUY/wBYp7EUeodNBdx7Sr9GFIVcjJiYexouIaQueY3X/da
m7h2lZf97NDHcXLno6MPpTSOf9UpH+yaLB1GnaDxuX6c0Bh2nwfRqXqIaQ/c
IxP5/WmMOuYf++T/AJ4pjexEwXtuU/pQTjhZOvYiquFtLjSSR1DCo2BA5j6f
nRcDAAZgMDDU4RnJ7Vj0tc6mOKhRxyKcvJ5yT1qd9wje41hngdfXNDDAxnP9
Kz5laxVruw0LmQKD17+lSSqouDGewrVLSyJ8gdec5z+NMC8k81Fmh+oMN8fI
68ioUbEeCfmBwaI76mkXfQU5JGMdevtVPUUL2jgdVGR700k5GUoq2hnaXEt5
eeTK235d3HQ47VuQxwW6gRgLk9TXdHSOhyT3sSck4HJ607nGePrVu3UwV76D
M7sqoBJ9elI0ZYfMeOvFc86tjopwu02SJyfl6DIwKXGXAxjBz0rFO7udHQdf
D95FJjOc5rntfUxrazLx5bncx6V2xd46nF8MkzZkmDwK+AMDg+tMj4UFSck5
GK4NG7Hfe6MDXEWLVCx6MO3sOaXT3KXlpJnq5Un0GOlbwdkYNHYX5drdIsts
3bto+tRAoV3ZAyKiOjdgV7EqtugU9OMHPWqcGFhAJwASBVglbcoXyBL6RfXB
+lV7UGOO4kUgNkKFHJI9R+NLYIJcw65juo4czAkHGT1FQQxh5E3ZVGkAbHoa
v3VqztjZ7FvVYhDfNDCoCL/hUNpcCFWXG4HPH161LkbRd4pspAk5U8AdaerA
T23AyZMH2NGj2JqbXOxjYiFAxzgdahY5kyoHPWs56M5HqOUgn1p9vA9xP5MW
C5OMULzEydYRa6mtvcN/EMbeeMVY1C4lj1BJMqzoOAo4Aq0rmLepz/iadLi7
WREKKV79STiqn2O42pczhmRSBhu4rWStHQIpLVlu9EUcUbRKsZjYMp9Kn1rX
UfSoVIPl5AZSc85FZ7GtuaCfmTQ3ieUjNgo3UGsy5AUsoPG7jP1qal7GSWrs
MX5omGeAwOe4qwEXgjPsDUrUnYeIo1XPTk5x6U7jH3cfrV8qeoXFXgdqFORk
nkVWiE3cMtS7sgAkc1LV0F1e4buMEZBFG7PJP5d6a2DQdnk+mKMkAj9R0pao
rzAZOMnkcUo4bJPTgEGkG5o6Uca5p57eeCR1xXrj/eNOISVkhKKsgKKAOK8X
eK73T9WfSbGAQfuwzXbEMcEfwr6/Wuct9Wv4n3wa1eh85/ey+Yv5NkVMm1sH
Lfc0oPFWvRHBu7S5H/TaDb/6CRWhF41vkGLnS4JfeGfb+hB/nUqfcbi+hdj8
b2JwLiwvoj3Kqrr+jZ/Sr0XizQZSB/aAjPpLGyY/MYq00ydVuadre2V5/wAe
d7bz/wDXKUN/KrJUjtTHcQgjrRQAUUAKPaqN+ge3kSRQwI5BGRSewGJqKiOz

ZQq4VMADivKurMyHOSe/XmuZytNI7KOqYyXgE98VEMF8Y4x0FJ2vodEb7jcH
OAfrg8VKo65HIH51LkrFSdyC4YrKqlfy6UijJGec/wBK1Sa6md9CSRjhmbn1
xUSYwMdckYHSsZWTswpu5MDkgZABPNB5J3HFF0tzQQhSuDkD0NBbP3eR3q4p
yv2M+ZRAt05Gfakz68HrRK9tB3JBI2cZGRx0qytzLHbSRnHlSdcjrWqqX0Zn
OCaIAE7x4OOuKrJCTJtHTtjrQ5K/uiimtxy2rSSHLqMHGR3pGtXz8gHtinZ3
uNSimRvBJHghTweo5pYARK5Zccg0ppyV2XFrcsOR+RwPcVWLBXQHoM59fas1
voO10SeYpYEnj3p6nEch5yxHA549KfmyHLoixHlllOOvY0sn3cHIJGPl7Vld
KV2WmJnjBxntUUTHzXbjBPGPT0q4oTaHA7jkHjtU1v8A8fUYPI6kYqnHUi5o
XCbssDzntUAcAgckn8xQ0nqF7olGQ2B976Vl3RDXDDjI6+9Spa2aHAjUgZxz
7Yp0S7pQpI5PWrp76ikrK7OqijHljKRvheu7BFTxAxxrlpoyR/D8wro6HA3r
clQsxA3xsT/fXFWIkOeIseuxqljuW43ZRgyyj2dcj8TT9284H2d/907c0tB3
HAbekbj/AHWzml81h92Zl/2WWgQfeOCI39dpINNIVf4JEHovNAWDzAP+WmT/
ANNFoAOBtWMj/ZOKHsAhG05IlX6HNHm4PE4PqHpIBCxORtRj6qeabgDqsi+6
mmOweZkf64j/AHl4/OkOT1WJ/r3pX1AZgE8Run+6eKM7R/rJBn+9zQ+wBh2J
w0b/AFOKaVA6wge6/wBKrQWqGkhf4pFX0P8AOjzCxwJQ/oD0FJXAQhsZKK3q
VNIQq5AR1HcZzTTG0Ju7LIVH0/nQxcjOY27c/wCFDsKxGVz1T/vk/wA6adoY
Y3ggdM8CkwGbstxLx9aQ7j/dI7joaEO7ImxjPl7f60wFVZSWYc88ZqiTDJMc
hYflU+dxGDz3xXM423OzUaeT8oOP5Uo4qtw8kGec8H6UzGVAHWo0uNXFiDKw
kC7lHBWlnGZcntxx1rS915k31GjgdCcd8c0o4BI79M0n5lbgBkdOfaq8o2Sq
Vztcd/ao21RcJa6hwQwOPcU1lDsVcfKwxzQ73uEviuc/YuLTWImkJADlCp96
257eVL4K43DccEetehT+FNnHK0ZNlwn5z5ec9MCl8v5f3hyMYwKznK6M4Qtq
PZ1WM7QFK8jA4qtZzCe2jZvvfxc8Zrnab1R0LTcZYybprk7uA4wenbmreR2P
X8CKnW6RSt1HTANbBucdvasfWE83R51GSQu4euRzXYtY2OOVlLUdYyC40y3P
+zyKur2DcCuN+9od2yujH8RoA8EwXggg8VQhcLCrZ+62QPxrWKsrsyumztx+
8RTnOQP1qog2oQTnGc8dashaOxPDyjL12nPvVdAGmlUgbc5/+tQnoUtWU9WH
l3EMvZlwT6cVFYyxQTW/mY2iU7mx04qWrtBC/OW9QhNraXZluFla5l3eUOi+
hFYwkZcKoztI/n1ocW3dnVQWjsXtTmWVi8eN56Z78VmAhYyRnB5Bp21NldDH
fMTY64/rUMbP5sR25USDP0pwiubQxqTaO1muVltYVQbQPbkipbG0nu5vLiGD
1JPanUSbMNLXLelKiXUsbpvli/hz1NRi6FtqbmUEI3UKORx1BqFZ6mcrvQgu
pkuL0GLIRhtGepNPEDLInmEDccYz1pvQcVoR+IrSFdPV48iVTwSfpUF1dCWz
gDDOTkjp3rRSujJu7Kurqs1mwi4fqB71lzWbXMdvCpywJ35OABjrWcny6nRS
97c07XT3JjiDqXTADHpjNWNU09rUNJkSJnlgDwTWClKa5gcktEZsDAxy5PIx
71eDEBS/3u/FbR13MZ3QrHPDYyD+dLxjjNWSvMUtkgL0FNYFsVN7bha+ovOe
c4FLnjgY9Ce9J7iuJkE4J4I6U/Kg8emKrUd0w6qOefTsKBz1PFG2w7DixHA/
+tS5GAMDntUu6HdF7Ts/2nYkEY84cGvYH+8aI7hLZDaKsgKKAPLPHzf8VwVO
f+PZfy5rC34Jzj8KNx7BnIyfWnK5BOHIJ96mw7oetxKhOGY0/wC1u3Lojfyq
XHQBrvayf622UnPp+tWLe6NuALW+u7b/AGYp2UflmhJoTtI0oPEOtwgLDrBk
Udpokf8AXGavw+MtaTHmw2FyB6K0bH9SP0p81txOLWxdh8e4b/TNFmQd/InW
Q/kdtXofHWguo8+S6tj6S27E/wDjoNVdMXvdi9beKvD9wf3WqQ/Rsp/MVZnv
LOaD9xfwsD0Kyqf602HMjJ1oj7JMxOQE69a8mjyEHGQSTn05rmnudlF+6xJS
PTJ/PFV0Uu3H3e5zj8KjVo3cmrJE4QAnA+U8DHegLjpgnvnrQrysNNXsVZsl
+ep9un/16FJLAA9sVv7qZLJH6HHPeoo88jHXqSMVjJWeg4vUdgDBxnHSnuf7
3r+FOUVpZFXbGBl34fv796dtjZCqyEA1rGyRlJu5GSRKu08L+op7SEAdj1qX
7zsjRWSC3AnuYEKkh5AMYzxkda9SnsrZkWJo0wFAOVGK1pw01OLETcXYyrvw
zaT/AOrcRHuQNuRVSTwoqnMU23B4zyDSdFdBRxD2Zl3Hh28iYlP3gPTjH5VW
/s6+jPz28gUdcCs5RmrWN1OEyrIZomKurLjsQRUZ2vJuI56HsDT5nbY0ikhq
xqeScEDJHr/9elMELHcrYP0rNWSsxybuN+yg9GGOopGieNGzkr1OBVt82iWh
PPfcskkbQxHTimMMkc47H1rLQuL2HcEjIyP5VXgYHcc554PY/wD16cH72omr

slBAb02nnHrU9kQLkMecKetbW6smTSLizFnUKuff0oljw2QR1rPQSTREWyOx
xzzWY7BpHbhs9+p+tVGN7BdoUZCg4PU9e4qeyQtdqM/LkHIGaeilYibfKdOF
V16QyAnBxxVjaVHyrNH7qcitG9TlHBi/AkUn/aSrEUY7xLnuY2pAW1fA5kkX
/eXIp3zOeDEw/wC+aLdwF2YBzHIAOpjORR5nbcfbetIAzkfcRh6g4pM7egkT
6NxTQCeZkD96D/vjFIefvIrf7hobC1gD7ecyIPrSiQDH7xGPYOuKBjT82CYl
OOm1qaSB1MqY/wBnNMQu/d/y0Vh/tikK55MQOf7jc0r9h+o04BwRKh/3aTd6
TD/gQpMQFd33o4ye204pCoAyUlT/AHaYCbsfdlwfQihgzD+Aj64oVwY0rj70
ZGOBtPSkyB0dh/vdKYaiAkngoT9KRlP8Ua59VPJoHYjO3H/LRfcdKaSAMCQ/
8CFCENIbOAVOfSmleOEOfY0XAY3HI3L7n/ComOcfOCfensO6ZjsoZgPfmngn
knvzXNudV9BcE9Off1pf4c59qHoPoNAwTgjI5IqMjDYHc9apaBsTowjj28g9
80zPXHPtS3JtdiDOPlJHb3pOc8HFJvXQaYhyRgn9ajmUEEdx0p3tohx92VyJ
CSAOOOCTSk7Qe/65p8zvqaVDntTjMWpPgAnhwe+OK6UuJ0imU8SIGx2rsp7H
m11ckiGAw4PPapGY569uT61zTV5G0fhIzknnp3+lYu+SAvFyF3ZAHpShvqU7
2sXtLjuPsDztCRGWALDv7/SrX8OR39aqcOVlK2zLCfvLaSMjIwCKzZVEsLoe
rKa3p6rQ5atlKxn6CxNo0JOTGxH61rrjaWOAB0rhk3GVzuT90zteTdp+8DhG
zz296w4SypKMZGNxH07fjW8NVqc7XvaHa2j7tOhbndjBINMkXdK49cGqWhK3
uyO4m8iWJy2RIwQnGOamlwl16Erz+FDTexV1e6KmsLutImUcJJ/OskEnfwOg
PvVMcLKY1512jkkAYBJ/SoWcgkAHPak/e0O6O10Ejk7OeMjPf8qj3gyHDfLn
8Klq1hyqJMVoS8bgH5ifxFXLLT7i5jkNrGWjixvIOMVqlaNzlck5XZ1PhuSM
6dJII1aQts+b+HrRp1/DbXM8U5KRk5Vs85rJvUyerepT+1Nc3rvBlX9VPJFO
ihb+0FhnfYroWy1NuzsirJasl1CKO2ktjAzElsMT3FXrpyVQjkqetTrfUi9y
prchewbjOfx6+tY5fdaIznCrzzWsXoTGLkyUB7pkjjAyeM+lSrAYYLhiysVw
HI5wPrWNVNrQ6NILl6lzRg72jzdFBGc9xVrU2V9Lml6KBj5uKilflManxaHL
WjFllB5OwEH1NaSHKD1raOi1Jd3qOfAXgZ/DmnA560a9SNBBg45wfY4pcdjn
NKV+hSsJjA+bB/maUHjPP09KtrS5LsL0GMd6AewBwT61Kdw0HIwB579qDyPa
nfUbEwPbNPyMY569u1TdsaSRdsztvLY5wPNX+dexP96pg/eaKlshuDRWpmFF
AHlfxBH/ABXB45+yqf51z2SMY7eg60XK0sPz8vf8DRnI9WpaisHynnNJu6A5
z7UavRhsB5IBp2QTk4JNDs9AvYGI+XtSg9xu+vSi1gvdaj/McHh/wp3nPnj5
h9aSjYfMRbgzHKIe33arXbbIj5WU46qcdxS1T1G7NWPQ7gGPwpCFJOYsksck
815wh/0dTisXJX1OqitGMnU7do6/TtTY0CgcH86nmvFo2cb7EmcgZ4x04pM4
Gc85x9KhJDtYrT483OflBx/9emqMHJwM47d62jJPRksWQDymI6bgM/zpmfmB
J5HAocmmyY2uScM2VPHbmmnIU9PYGkm3Y3srEe4GbDA5xnpTlGeAcU0uV6Ga
Wlx0pIkH4ZNIeSQeopXW4dL2LOgoZPEWmxDkbyzY9MV6ZfSMkc7oxVgCQw7G
uynGyPNxEvfK0FzK1zHCcyI6BvNPc46VNHdAwySOm2JOpPPT0960cTnu0yQX
UbbMMWMgyox2p5ZSMYQ+wqXGw1PU5fxn5UUNp5SKJJGO5u+Oa5gPGc5UgdiO
1clVcrvE9Ghe2oAwFgfMwWGAKmMQ6Bh2J9c1k7y3NroDAw6fMPSkZJV46Dvz
2pyVn7onbqDqQhHVu1Rso3DB/H3rNSUXqVvqhJXAVyeMdPSmR5WHCjqPzq4X
eomyXjkHnnJqS1yXZs8YAPatLWWpDTsXohtXoM+1SE7hg1DAq3CiMMeMH0rN
UHaCGHTvVRvYfQVucEDHHQetaOiruvGLbgFH3lGapLXQzm7KxvM291BMb5PQ
gqcVOFAHETIP+mb9v8a1aOVEisSAGl6dpV4qzEqnB8uJj6q2DSAsqwB5MqfQ
bqTcrMRuic+jcUAtRdhX5gjqB3jk6UvmEceaSPRxmhgMLB+ipJ/unBpM7RnE
y/7pzSAPMOf9ap/31pNuf+WUf/AWxmkOwbiB1lT2PIpA5JwHR/qMUJsLJAcA
5MeT32tS78HiR092Xj86TAaXZv44nP8AtGkwB/yy2n+9Gxq9BITcF6vIn+90
/Cl3Mw4McnP8RxSDYTAJ5hA917U3KKfvSIffmncBQQR8sisPcYNJ5bE5KKR/
smgNwxt4PmJjv2pNxJ4kDHsGFStWNhh2+9HG304pnGD+7Kj1FNiGliBxK3p8
wpjZPUo30FCtuMYVODuQn02n+lMOD1Lj2p7iY3dzw/0BGKjPOSQrfWhBqZCj
Hbk8UuANoP6VzK99Dse48cD6GkI+lG+oaje+R0pNoZgeKaTTBink+tBH1HOK
TEnYacnGDyadjceQBVJoLdRGGPm4xUZ5Q5/QVOmzKV2yuDtlKn7p4X8u9OyS

AcYA6e9NtWujSfw3MjXotrRTLzxsP/16vaNIJdIhDZHlfJzXXQknHQ4a1i+m
0TYDHJH61MF3DpgL3rKruENBUhzbTXLjEcYwR3J+npWRb7HjkadhkjBz6Uop
rcrmb0RpaVqrrZR2d3GkltjYWA5A9aJITbu0W7cAcK394etVNvqCXvEls/7x
lJGCM1RkRxcqoOI88+1XSdkRUtczNKAi129gydrfPg9+O3vWv0Ix096yrL3j
ak7xTZBqieZpVyBxhM/gDXMWrZmjz91k4+vWikupLV5HXaESdGTJzjjHf61P
ISJ056g1qmmS2lKxS17I0lnj4MRDg+nIz+lTLOLiC1uhg556dO1FtBN62RFq
k0S2Txs2D1GOpNZKsHWQjrt6UdCqafMUyTtHHykZHpTlYlGAyTgYHvUtdDsu
0WIIN0imUYjTBcjqB2P0oMRBVfL5ZjjIxkZ6+9axXu6mVR3emxrzaJ5GlteG
cCdQGWMHqAam0e+gXQ5HMoglRiZEz98ZwDRK5yyd07GfZPOEcwsyh/7vepII
pXuWjlBUoMnNTKKWppFaDo5v7P1+FAS0Tx5Of71SX96Y9TgO7hlYZI7cGpW4
tNGx+pXodbcKfm35yPrWhdTgJgHGGG0U2la44q6Ip/NvXMNrGzkYJwOKrafG
kt4kc2SI87lAz+FZxZtH3ENSdbLVC4T5ATlc9Mimwy+cLoJnDYyPXnrRVj7t
xK795l2xJEBiQHg9ewB7U7xBcrFpwhVgXkOdnUVFKzjc5q0rM52ycfaGRSSA
hBHpWrGxCLkDgY+tWl5k3ZKuSQO/Y0BsjjvVJaiVluAAC+uKcM49vWne+47W
VwyCT7UnQHIJI6d6WgXdhckYx29fSl43g8596PQNnqKDyaOp9CKTfUe4ucnk
gelOU9utTfuC0LNq2LiDoQJF6c969nfnH0pQ+JlT2Q3HtSVsZhRQB5T8Rsnx
xGAf+XXmuf3Angc880nqD0Qqnnv6GlX5S2fz7Ch7WFsB6nK9+nelOeDwAP1o
urFjcdhS5J4PBIxRoHzHMTgY5A6c0Kxz8vX1Bo+InUQEsD7diKf06HrxT20D
rcFbkEcGqV4CwZcjqM/mKmeiuyoe89D0XVGK+F417iH0wa8+VR5YGQQOK55J
XOuk7IhfGcA85PI703eFznkjnH+FRu0bj8/Lnt6imjHOR09aGk2BVlPzgZ49
KUY3qM5xya1jsQ43dxsn3SxJXLk01SCvGN1Tvqxx0HoVJGOVxzzx7UNgnnpS
1UkapvqQFsTfpmpFwWGM5Jyavm3IvfYdu/ek4zgdfemsMMQMlsDNS0u4JO2h
r+ClM3jCP5QRFEx55HavQJl3gr5ZlQ9R6fjXbGyieZiP4hFKS0kLbTH5Wdox
nPFR+TE0AiZ2WPduPGM8+taGN9Rwiwp8vLP0V1YYK+hpbSJoowrj5uSfSk2w
tfY5XxlNv1aCIcCOIk/j0/rWAFynJ6k1wV2+ZHpUU1FEUal7pFIJ+UnOMjNX
SASCGIIznHenFJ6Gk/INzovb86Fld2EbN0xRLbQzVnqTSAdO/wDWoGBHUbjW
PLdamsX0Ibr/AFDY6dM4zTt2QOMDGPerhF2Jk0mPPXnOPap4CFR2Ock84p3t
uJ9iXzQpUbu/BBxTvtAAH9al36By9yO8mSS2KoSWJ9Ko4BLZIq0m0iktNAGd
xJzz6c1saDEdryEMcjrGa0jJc3KYVV7ptA5cZfJH/PRKkChskIje8bVocySJ
RkEAtID6Ouc1MoVuqxMf++aNwZZAZR0lQeoOc0gYEY3oR6yLj9aTBdxSpzny
1Ppsf+lNLbeCZFP+0uRRoU9Ru7f2if8AHbSEADlZFH+zzzStYkTf28wn2kXF
GM9VVh/st/nijToAZKjCmRR7jIo8wtxlH9cjFKw7hjI5iAH+wf50BiuAZGX/
AHhVAg3bjwIm/Sk2EDIjKgd0NTfuDE346SSD2daMbv4YW9+lNiEKZ5MZH+41
JvGcCRlPoy5/WhDHHLf88if9rim7V6+Xj8eKVwsAcLwJGHtjIpdxPG5X+o5p
+QDSucZh56fKaaxA5DSLj9KYtRC3P31JPqKjdNzDKB8eh/lS2AaQBnAZf500
kH/loR9RQBGwznAQ/wC1UTgr1UfnVDSMkYGMdaenzH37e1cqudVu48jjlwRT
H+7g96dnvcL9B3nbIGj2qcnOSKaq4jBPfoapvqwt2E27WB7e1KePp+tS9gIn
zjd/DjkmpIHWRTg5A7npSiurHuhrkc4NRNkDnOBT0u7jSI3AwGIP+FKPmADH
gdKlXjexrvEp6tF5tkTgkjn0qp4bl4uI3YfMQygeoFdeHaadjirbWNkHEitw
MH8asojvII0XLHoMZx605r3tSKT0sat/EY9FkhjUOQmTgfMfeuLhwYQeQhOM
nr1pNdSoPfQuGNQgCYwB61Yt5zcxrbBd0secODn5R2NK/NoW9FckjO2ZTgem
McUXSlLhj6jJHpxTpO7aMqr2ZiSn7P4mt5ABiWMhm7VqnIYk5z3BqKt0zaj7
0NB+wSRsrcDGCRXHRZhuAMgYbbnHT0qKUk3YUlys6nw+4a2lj7hiAf1NXpfm
jV+QAQRnitlZGc5c0rlDVpg2n3EKEHcvAqjp0rf2UsYJAQna3t6U3qibWepR
lJMpYkux6EninL/qSU79zSvculdz1CGJGQGdtoHC7e9WtPspZ5glv83mMRuP
8PHX6VvTgkrs2qTT0Li2xstejtLwgB327uzLjNaPinc1tAJIRBIspERBzx6m
p1bOeT2Kt9rEV5ppCwMl2yeW5P8ADjuKy7G0ecMyDOflGfWqeisVGNm7l3Rz
5IljP8DbQM8VZMmzWmGf9ZHjHfjvWPUcdyrrZHnWk2BneR+H/wBeodRjWW6g

QKyuSQCeoGM1OhUVdIZdmPzkPmLuX5h7etbdlYS30Ml0ZPLXb8p7EjtVPVan
Ryxpw5ifw9dLAs0TyiKU8qzDt3GfWs+4mK6i88BIbfuyO5xU2MbJ1NdiDO69
Vpxu3dfemajILK4g8rgOSGx34omk0xyb+FHWeCFjksrprgp+9fA39gK8/u7s
PqN4GY/u53QfTPFFOF6em5zzlerYTTps3/IGNhH1roYc+SMcnoPWpUEmLpcf
1Iwc/hSgA9Mge9W9BfIAueD1p3UDLEVLd9h9NRDwe1Kev3jjP504u6uIBzgH
8fpQM5BAGKB2Hd/f0FLyPYGjToEbX1DoeMY7inAgc4/Kpashpak0DYmi9QwJ
969mV1ZEKnjHpSj8RU3eKHcexNH1FamQYpMc9KAPKviMD/wmsbD/AJ98fXiu
dLDA4pblXsri55O057fWl4xg4IHpT8yQB3HOcAnrSA554AA5z2o0uEU+oeuD
9KPTuO9LmWwa7ofkck9PX3pAeSM4IoSsNMVQcYanqcg8EkUahcUKWkXAJ681
QueXPPQgnHfFNu6KWjujvfEblfCisOB5OMZ5rhsfIoVup71xTl71jtpK8SDa
VIPU555pCFPXOB/Ol6Gr8hQCMY59qM/LzwQeexpRWmoN2VyqwG4gg465pQOS
c9Oma3Wr1IV92Mf5lUc8kn6ULgqcnn271E3oKylsKrYGCBx0qaOJJDhnAPbn
rQparQ1aaWjA2gbGJAPbFR/ZHXleR9aucdVYyTstRgBjkAlGc9sfrQSw3kHL
BvmNTdrdFN3Wh0Xw6jLaveycYWJRk+p7Gu5Y+2D6V2Q1ijzq/wAbKl9BPMYR
BJtAbLnPUelML3sZyAwUvjkZwta3sc6Q9W3XDxsoIBwCvFWFVlfmTcuf4sZ/
Gk3cdrOx574in8zXb6QHOzCD6Y/+vVEDEYYcniuOolLU9Kmm0h1sCsrEjAbj
OPSnoMqexzkfSs3Z6lt2uhjEk9aktwPNBJwF/nTlqibWZO/Ax1x+VRTYLFic
cc/jWaTeppGWupWnGSqdTkD6+9WBgqOBkVUdY6CkruwxTlmwOe1TrEfJUp+O
aezJbWzHeSQPmJ/rSNCXzngdqG1LoNNNDLiMIq4Od3fpmoQcA8DrQtNGNXEJ
H5V0WiRbbBTsVi3o+CParhC0rnPWeljRQtuYN5qjoN4DCnYVmHELn2+U1sc5
KoK/89FH+yd1WFdT1KN/vpijdDH4A5CFB2ZGzS7gerlR23DipvYNWG0HokZ9
0cg0hbaMbnX/AMe/KmPQbvDHBMTj0YbaUYA5VgO3lvRuCGlwMbpQo9HWlK7j
92Ns91brSQgyyj/loo9hmkLhuN6t/vjFMBdueSmPXa2TSZA6uyj0YVPUAJDj
BMTD34pduOTHIPdGBFMLibznCyED0K5FGAwPyRt6nijfcLCBQB91x7gZoL8D
MxP+/wAAUnoAhG7GVjY+oPNG3A5R1HqtMTQocdpOfRl4pME9QrenOKEmO4EY
6o6+4pm75hhj77hQ7CGkkjjy2HqTim7cH/VbT1G00hjc4yMup9MZpu4k/eU+
x4ouJXI3HHKL9arTAAchuvaqHqZUuBGpTJPU1OvHUjn9a50+51binIPHP1pn
vgZ+tT1u2N6jB85UEZ5qZx1x0rSSuQ9BmB2B+maCOnr6ioaVrFXElG6AqSMH
jB6GooQEU4z9cYp3ZSFzwdxyPaoyMc5paJsd7CkBlOF/OoEGFIz0/M1Ssi4M
fOnmWpjIBLggf4Vz2jOYdSjJbG7KHjr2rek+V6HHVu9Do3Xnpgg1u6Nbj7N9
pkHztwgz2reepz0nZMvoSbgR8FiCTjtxXAKQt3cKcAeYRispK+hrSdmIZHPy
QlmPb1NWbffDNEEIDbvXHPep5WtGa8ysXpJBJKXVSNx+6fWnXw/1b9mx0Pen
Tdpswqp+zRga7lPsc65BjmwSPQ9q1WYuN3cnt0pYjSxph5XjYnDchQOJODXH
3y+RfyxjDbX7+uM1nTSuVO99Tf8AD8gL3APIbaRx3xitacE28iE854PpWl0Z
SVtUV/Jiigfy1LsYyGJ6k1mWkSw2KA4I2fmTVO4JvqUo7ctOIy4A6Bu351O6
Sx2bStGwtwdu4KfzNaRik9TRKzubmk6daSRNcXuWhYhVAwBk+9V7OSPSdcnt
7kE2/wBwOOdoI4NFldpETk72WxX1aaGe7HlOWKcBz1PHWop1vLmEyuS5ijJG
48gU/hCPLJalvToIDbRXDjLMucdjUenkRXFwnJUOCB9eaxbb3LlJ3a6DINse
qXKg4BAYdu1E7H+1rd88bCGYfzp30JV7qw2+njkeJe0b7iM+3Wq0v2mVXn2H
y1OQ4HT6+1RLRaHbShyrU19OsrOXR557iNpHlJVGX+HFR6Nq621kYJ083axM
ZHQetEVdXFLmqNxIodsjIDIC7k8dxU9wgtLu2JbAJIbnqcU7voRJ9CprtyLf
bIqjPqKpaqxazWZjlxg59Oabtyma5tGdx4WSNfDkdzcHYcklT1HPf3rgIdHn
lllkdwvmSMck9tx5qE3GmrEWTqSuUrQmLVQhbAV8ZP07V1ltzGdoP+FV1Ido
omwxUEHn0pTkg7TnPr3qroFfcRmyewNJuPcUraE36jumMjntS8NjHY81BXQM
gg59cigHGM9egpXaJv0FwV7jPpRu4HAx9a0tfULijG7nj0p2cjII+Wpe5W6J
EP3eerDP0zXr8UpeGJmLjKA89KhaTG/gROrDAx0+lPVucDk9+K2Mx3WlA56Y
oA8o+I//ACOcbEnAt+3QfWudXoecGpvuW46Ico7gCkI29OAP1oja5L2FIGMc
03PALL19ulC1E3bQUAj5f1o6Yz9MCnzXG9NB27AI4/woGCxDDn2osD0YpJIH

ryBTl4wW/SjzB6seuQwIbOfXtWfclvM3A9GHtkcU76DS1udr4nYf8IygA2gx
j8Oa47IWDd6DJ45rjaTkehSuoFYnLqzdzSrhiSwwe1Tpe5cmIWVWbnJ4xTcM
Sd33s9O1aRlbcncgc/NjOB+tSIAE5zitLX1JUmtCM9QQeg4B70wHccLnjNZO
KnJtlJ6D8nkkCnAgEkd/SjTdDV2iQSqV4Pv1p+5j/F+RpNO9wur6jXG4h2PJ
4zTYsJL8wyM0J3lvcUr7I63wCq41GdFIywjyOB0rqSOmSPz4rvVktDy6rvNl
GRJPPuHt1DyFRtYcgH0pBc3MciBlYx7Mu7jkt/dFaaPcx3ZJa3TTFw0QTB6h
ePx9am3BcucAKpJ3VL8ikujPLZpxcyzyqctLK3XpjOKmIKlRxnGa4ZySep6s
VZISP+IEkn0HTFSKQRkfhSlHsJsjY5lXPIHNSWv3n6cnPNLVRtYptEzYJxnj
Oc5qNsHoKyTlF+QaFeRsSLg8jOPzqTcQScH2FaQ2uhMau4jcRz6d6uxsAoGc
YFVKz1RK7MljwTz3qUqQMc4AzQ/h1FsyhfuWmA6gDJA7H1qsThPmx70R1ZpF
6CIegPTHPvXWWSCO0iQrCfl6NlTW69056+xZi+VeFkXPdDuGKf5gIHzqw7iR
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/WgREwP9wj3BqndE4WNWYOxwARVKwIzEYtErEE44PtVlSNh44P
GOlc0l1R0p2AnJ5z+NMPIOOw6UnHTUE7Cxr37VJ6j8aJANYnGep9+tKpyCB+
VHKxq1tRjDkBvummICFPueKF5DGnIPvSD7vSiSutR3A4K+9V5/lnSQEbcYIH
Sly6lwaiyUtlQRwAOgrmLxTa6nvzwrBhgdMVvBu5jUR07MrEMXGWAIrpdLkD
6TCXBxGNpwO47V1NprQ4lF3uUY7trPWpJJQPKnTucYwK4yaRnmdgMlpOMd8m
sb+9Y2hoaZsfLy0bnfgH2yP6VCskb3jCSMfINwB9T3FNO7Klcs2++KNVfLN9
eauyYaxBPJVvyqIu0xVF7ph68hbSp3wdyfP7/WrVm3m2EDc4IPPrWldXsTh7
alhnwWxk7R+dc5r8fl6puPV0GVH0/nXPGVpWNJ2RZ8PzZnwjH7mGHcV0s+RI
qnqev0rWzTszOTuU7658pQoGVkHB7VQjjkuZIrSJTmQlV9gK3UUldjiu5Nqe
mNpFxGHnWaORTkqOjDBwa6RmB0EJGI2sTB97dyDn+eal7aITndHNaNqkmnpL
CYvMhb/lm3Y+oqud13fr5jNulBxn0FX8O6FHWVyxfafHb6eJi5aZZOef4a01
kDRorAfMuMYqJS5ivdasjN0s7bJouf3chHXnqaisXL3d2uPkDD5vSo13BJSe
43eq6tKW+6UBJ+magln866QkLkZCepqW11OuFNqxcvdL8jRxd+Zum4LR+gNa
0E8SeFSInTyWQq6EfMWz0oitBVKnMrLuYNhe3cFl9jgP7hxg56g55qK3ZYr/
AMmZflAx+NTzboubUNt2SaoTb3kEseQncA9+Km1qU/Z0wW3K4I4q76GS1syP
UYZLizUgfOOvPHNWrHT2KQmQAhP4T0rFvlW47rlszavZTLE0joFiQbyqnCnF
YOrzytpkssJ2ggFQvpmqXNp2OaTWyOZhilSSKU8/Nkn15611tkxMRYsPm5Ps
a1em5L0RaxxknA9uSPpQDyDkdeKm99QVg6Z5Ge1IwwuO/P409Begu7B7Z/Ol
U7m6jpjNJpLUE7uwuQBn8KTg8nAAoV97DaQuccZoI5J6nFCCyFyNwx09fShT
hRntxgdKT2BWJF7DPcfzr1e2lBtoQccIPrWf2jSS91FhXJI5I/GphJ/eOB67
cVqmZDxIB97gevSpFdcglgfTniqEeV/EjjxhEf70OPY8CubUjccYwTzWcdbl
taIeme2AfQ9KAcHkc/zq9GGiWgKxIz0P0oPPBNEdCdHuC5zzjpTu49D69qTs
xoQg5xjkd+opVY7cnrmmTcU5ByAD705QPbH65pu3QQ4EgdOfaqNyxDtk9xjH
XqKiS7lJ6nXeJjnw/DHzuKgfqK5ZwpXBypHTmuZtJnfS+EqykBlwPwqPfj5A
xLn07VPLbUtyHBcA5GOMY9KdhcE87sYJzxS5tPdBLqVs/vDz359qcpypPUjr
mtIvQGiObKheP4eM03p0OT196IqS3BJDj84YdxyKaWwcA88cipcWnZB6EqKj
qG3YJPU0hUxrw+cjt3rfl0uZqWtmBkIiUkjI6fnTVny2H+9nmsowV2ym2d34
CQf8I9LJniSYnH07V0DAFSORwen9a7oqyPMqfGyiiSQ2ixRRsJQfmZO4zTjc
XWSXO1Ac/MvOPSr0M7X1CG4abc5iEaJ3/vVDq0/2fRrqYddmBmplZIqKbZwR
tYltT5SgMo4PvmmneCBjt0xXA9WelG7epIkJRBkVE0bAdSCaqOo3qNAKttIy
fXHerVsMRk/wk0nqN2Q4nc3OSajY7UIPaldRQ9Crn/SgT2HOOgNTKwB47nqa

qLuiJNN6DlPIHJ/pVkjZKRx9KNEhJ2diRCcckZ7cUpkVc72GP6VEb6jdig7b
pt2eaaRnPQZOfpVJ21Rfwi2i+bJGoHO7OO9dgFZVAYsB0+Zc10ROWtpZMUAD
lCgnvtbBp+ducs49coDRsZXAhTg4jPupKmnfvEyP3i/XnFAhNxY5IiJ9wVNS
Btv8MgH+xhhSKXYQuo4DK3++vNO6gHbgf9M3zQ2KwGQ95G/7aJmlBB7I59VO
DUgLvKnkyJ6ZGaAQx4aNx/tDaarpqFhQMYwkijuVbNKZP779P764NJhcQLu5
2ox77WwRTt2B95wB7ZoATduPG1vduKAAp6Ff91ulO4DvMx/y0l/3lpvDHkI4
+uKEIcAB2lX12t/WjzOMbwwP95ead7jQbR/zzUj/AGTRjH99B/sjOaPUQuc/
xq3+9xRt6ERxn3Q1KsFhpAU9XX0yM03kgjcrD3FO41oMZDkZjU+6nFNPTJMi
nsaVwG5B/jU/7wxmo2XOP3ade3SmDIpAB1DA+3NZl5OqSht/MfPPvQmVCN2Z
umTecm5h83+c1eYkY/wrKaktjbdh7jIPp2ppbB4pL+Vl21Jyo4XOB3pB7+vH
pihroJjcluPejIxkDihXSDdDSe3BHWmsOeAM1CigGt1YZGRxzTWyBg9TzVXS
epTGE4ZSeCTlvelZN6EnrSs3qCViO3YtEd3UdR796x9ejInVl/5aKSe3NXHV
2RVZK5e09kubS3mDEmNcHuK6PR5SYHtc8M2/k9a7rWR517yaK/iYETlui7QB
jsK5SJd11EpbB35OT0+n+FYNa6GkPeOhZgSTyOKrGGNpSrqpz9096ztZ6s1V
x0IIUZPK8ZNW0UNbSIDnjdyKqD964qvwmbKoms5EPRlOQT1qj4fcjR2VusLk
Hvjk1vWfu3McN1uasGDhSPf61ieKYvKeCYA8gqSfwxXHT1nqb1kuXQq6HJtv
AQcDPzGta41CUSKqnaRwT1rrjrLUycW1oamgfYbmye5v180RybPLxnHX5jWf
HMuk68km13iVs7WHIQjr9actXqGt7E+s3tvIESyYyQkl3Zzk5/pVCFLgwtHG
z+Wfmx/CTVXS0BL3dRNGaKS8aKdvlzgZPIbGcVr3sCRzW0sagGJipH1rOeru
K9ht6PO065H8WzpUdrKHtIHx/D+VT10BbMo2sgiNzkja0gyfeoISyC4C8s8g
K46t9ablGzR1UqbauS39jc6YYHv04lB2sO31rS1u1htdJihij2zrhlmI5yet
QlrqXOq3axXvNUW50cRLHi4A2PJjOQDxWdaI11E3l5C9yePxpWW5cVyJ3JtL
laO+uIZVyF+ZCai1NW/tiOWP5i+OKzcUZp3ndlnU7Sa4t1aIAlGyP6VY+zC4
gVZQcEfMTxTltbqJOyLyLFGhIXeFHRaoy31xJZrOQYIQxXb34PepjHXUyk+Z
slutVXyIrOA8SpkEjIx71VMcn2ERscuq4x610zsonPCL1M2CLKguoJK9OwrW
01v3TANnHTPesFJydjaSSiWiSOcH6ClHJ7DvWuhklqL2zS5wcHrUrXcetxC2
OVOfbtRkHocJ6e1NJieorY4xikU4Dc8Dk1WtguOzyPf060MCOc4zULzKvoLk
E5zRu6A+vpS5eg0+44Ec46jGK7+yvh9niwwGFAxnk1lLRlbmhHdr3IP45q0t
ymchwD254qlIholW5wRkjPpU6zc9j6DvVqRNjzP4jkN4rhPCnyDwR7CucUZB
LAc9T71MG7stpWVxQdyjHr1pyj5sknbWvLYh+Qikg88888U5sbeeOaVkmCAc
AkgfX0oZu4OB+VMB4OcEn64oX1x+FEloGiAjrwM04DJGe/6Ura6iHjruGM/z
rOnx53Qkbs8USV0Nbo6vxK5OkWwOclec965yQ4XBKsPp1rkklJnfTXulJ1LN
8vv+FNiBSQ8846n0qrxcbFLV2JMjdjnk8ZH60mQoJAwT+tZRitka2sisCcZJ
yT6Uv8HXiuiMbENjJiFcDtjqf5UhGAQMA+9TK6dyU7q4rYBwMbSc9elNm+X0
+tLUrXRiw5EQ6knv7UrN0wPu+nanJasWg2XACKTkhefc9aryMVO8DsSM9jV0
4qwnoj1DwfGI/CVnhch13EH+da5OD94/QHIrr16nlS+JsTJz0x/u00sWOTg0
iSJ1jYFSOvXaeKwfF9wsWlRRHOZ5AOPalL4TSlrJHLCcEbDjBPSn8n8O1cWz
1PQQu/cuS2adyQScDHTikpNDaTHBBuAP+TTcFYyAe/YUXuKOrAZUZ796gmcY
xnAFS43ZotyvCGeRyCDg456571YPAG3AIOMd60tpYzdr6D4BvmVc89c9vxqZ
iCSD9TT5Vy6C3dxd/OAc5PY02aPzYmI+Y+9ZxunqPfUpqwAGDkUMOADy3HNa
8quUvMuaYgkvkDdjya6lAR03D6NkH8K2TZx1visOPPXYf99cUIQOVBHp5b0X
uRcCwPJYHno6c0oAOSBwP7j/ANKBdROc8tgdxIvFKBknaqt/uNg/lSvcY5mI
+8zqMdGXNNG0nojHuAcGiweQpyOMuo/P8KQNnAJjY/kRQgWg4ZHIVwPUNkUu
8ZILjjs6dPxpXuAo6ZK5/wBx+lHmMBjc6+mVyKpbBuBZWPSNj64wadu2jgOv
uDml6huG9W/5aLIf9paUAYz5Y+qNQg2Ddt/jZQP7y8Gl4I48tge3Q0rgkLgq
OFYeytnFIHIXmTgdmFMELjcOFU59GxTgcDkyofbkUC6ilgcEsG/3lxQRkZMY
PurUaDegm7Ax5jp6hulMJyOGjI96NGD2GMhzkxg56kNSEgcbnH60CI2OTgFG
9AR1qNl4H7v/AL5P9KYLQhlOxeWZAO5Fc9ey+YdnUu/p+VFnY2pq70K1o3kX

0iZwDhlrUY5bI5HpXO9Ek0bXe43PHJ6/pTowS2cfKOuapPqKxIGHpSkAnJUE
/Sod77iG44JFAHHHPYVTd1oNDcADOelMyuc/NUb6D21G8E47etNOCcEnHsam
9irdxso3MDnntUsiFQRjkda0eiAqP8lycYAboPeqOsgvakjqhH5d6IWKqq8U
w8Pyj7NPEuAqvxiuk0NwmpqHPyshGR616C2ueW3adhfFWUxk7cJkcVyunIz6
ipfkLkj8a55OxvCL3Rtgb157fnSSoNpwBnqMVi9dWy720II5MsQeCeoq1ZuQ
4U8AgAe9Ci3IH8JVPyTlTgBWGaxdHbyr2+tgTu83ftPXHNdVW7p3Rz0GvaWZ
txvgEggEdR0rM8SMZ7BcDJjcYrji7O7Oua5tEYmmTm3uDtOQ5wcjqPSu80W2
trOxNxPb/anuH2qwG4IPQ12xehjJ2joZ1lPJo2p3y2sSPBMwx7YHSq1y73bh
riTOWHX+En+labaihG7vIvjRoxC8czZYj6Vn2OqH7J9nxtZWKMPp7+9RzNrV
lc6kmkZEkkkN9IyEBsbsV0El95lvGxbiQDqOn1qHZiaurhdz7YJVOQCpB9ap
RXJiskiA6DkUr2RpShzb7E+l6c2oTsiusMYG5nPbJ7UgCaXrQjnJlhjcEMBn
IPf8KhXep1OajLkj2LPimaGS2iiiuDP8+5iTwqkfzFZsr3l7aJHKWZIx8tEq
ijKxNOnaF5Eunxx3NqHbO5gVZQO9VdIJgkkhJzn5ceuOlCYObldF1bKR9W+0
hlVNuOfpV5bePerEZx7UNpmEpK1luSquMcsOc59aevPRep4qbdTNNtk6QiKJ
vLAViO4yKwr6MSWV4ksm3YQ+c5yKtdkCnZsqvK0lnYy2yAIXKFiOQB6DtzWp
5ewyBuhfIHpmpk3dJD5PtMyywQsFPHOPrnmr2nYEZQDPTOBzUaRkzWe2hbwS
fl9aUHPXkZra6scvUAT3IHr9aXGCNw570mK9wwfm9enoKAoxxxT9BqyEOC6j
AOaXPLE5o8g3AMe/ApwJOTnj680nuNK2gn8Rx34oJx+dFrDdhVYB8YJB4Nai
XbI2N2SAOlQ4667FX00LUeoOP4s46Yq5Fq7LzvOPeotcC9FrJAALc9x1q7Fq
44DEAd8f/rpbA0cZ40nF14gjkU7gseMj14rEU4X5Tj09jWsLNaCfQeoGMDA9
OKeOV4OPpTlcUUhC2Dk0EnoW49aqyJDP5UoAJBH0oVraBqLjApxJPQ4I9BQ3
cF5iqvcEfhRyXxn60vIZIDk4qhOcysoJzxz260norIcdzovEMh+xWo6gAdOv
1rCclFyOormdk2dsNIlXoxwR05B9KApVUZiDkZ+oqHGyLVk7iMTt4PGO9Nbi
Mk89Mn09qauX0siuD83yr2xz1pQVCknuMmulOy0M27akOQ5zilY9cH2NY1He
VkOnaaAtkgk8g9x1qKZsg7vb8qdODsU9NCeNhtwGHp9KOTyoPXHNHVsWjRHM
SAQpyeAPpURUPvLH5SMEelaxbWtjOVnodPpfi2+sLC3tVhieKJdq5GDWtH42
icYuLIpz/Acit4VYSdjhqYea1RqWev6ZeD5LhUbptfitIEONyOjf7pBrVx7H
PaS+IjYkHg49jXEeMLsPqyWqgMIoyeegJ/r1rGex00F7xgq3+kgYyMYyKmld
ihHqe1cTUXqj0NxFlIYYIDe1WBNJjA4XuK1hFWvYzdk7D45iQue3IB7fX3qb
K446fpWcrc2gox1InYbuD8uKruwxyRn9KSlqbR1G2mdjZHP8qlB+YbuvXP8A
9aq0kzOW+hb0mDz7xlc4G3qO1bE+jb2zHOp9sVoo31MZVOWVim+k3SBvl3Y6
Y6VVuI2g3F0ZO3PHNS/d6GsZxkigo2oB/DjHHSgDYMeoqlPuJ3uamhoTcl9v
Vc8DkGt8bRxlB9flrRWSOWo7yY/nOcsffcDSHbnJ2t79DQ0ZjsEgf6wD1zkU
04P90n3G2mNdxQCpJUNyPrQSCcMEOP7yYodmP0FBGflUgDuDkUZUDlgR/trg
1PkA3acZXJ/3WzilbPRm/CRaG7CQYOeEXH+y3NG87eS4/wB4ZAoSKE4JyPLJ
9jg07JXnMifQ7hSAQyZGCUb6rgj8acOekbY7lHwPxqraC6gHBABk+gZc0Dlv
uox9QccVPUY4Mw6+YB78ijeG6FWHuMH8aXUPQXHQ+W3/AAA5pfMI6yMMdmWn
dEijDDOFb6HBNSD5eocfTmmNCqeP9aCe+4UuA38Kn6UloD1Gkn1cehxnFNJJ
6Mp+oxR5jGBOuEyT6GkYuP4nHtihaksjySDnyyfcVGwAHK4z3VqrqF9CjqM3
lWrtubn7oYcGufuP+PoKCOOKJPlidNBXuyK7xHNHcYxt4/A1pq+Y1zwSM1lL
XqNCFyFOfX0qZPkQY59c96hWb1HqxQ3HB5z6UpIzgkn6UuotRTwO34UhHB2i
m9HZD2GOcjHbvimd+o/Lg1LXQaYdfTIpoXIBOee2OaiNouxTv1FRMsTxgGnI
QWOTwea06XFuQXC5AI6gc8VWnTzLGVf4scY604mr1pmPoMu3UTG3CypgD0I7
10ttI0NzHJjJDD2FehH4LM8qabncs+LZUluIo4mD4B3EHI6Vz2jE/b5EYYbH
HoeKwdr3N6dzXHRs8c0vA46fXvWOjdkU9SJoP3qyZ2gdV9ac86qpCDJH4V0U
qfUwqVb+6jMuZpWuQmSysetU2/deLsjgzR5H1xzV1NIvyHCyaSNdsoxz16EV
nasM2Mq5PTn3rgg05HXLU5uBsSoT1z+ldTpWq3thFLDEVMMvTd/AfUV6EeU5
WnLRD4I3NwjXSuFm/j5wT61durZVh3Ii4DZIH1pSlqX8JZguxPZo6d+G3djm

uZC7dalCt8rtuC++KTVm0RHe5FqUeNSUA/M4zx24/SrrRs1oQSqtx7nr2qHZ
M6IQ50RzyyNu3AlCRu44xW7pVtay6Y9zPD5nmMYx6oB3NQ0r3OmfuwfKUdGv
o7FZYLpWlgcbBs6gqT+lUtTvPOvfMYbF6BT14703Yys4y5iQ2JktnBPLLlcC
rOnXPnWCLJ1HDYqet2OpPniR6XbzRJKpG0CTKnGCavW1jDCzOq/OTk55p6HO
3ZuxZAGeOtKyHOOM9OKnRMhOxJFC7kZHy+ncVZWJUwKdkyWwldkRiMEdhXMW
1mRqF0Lt8pKCBu9MZFPncdEOCu7sVJM6U6WyfPE4xxn61dXAU5JZiqtjPb1p
Jm0tm2Y7tsuDH0UklSat6dI26Tk7h6UdSWvdRpYwe31NKoJJHA571WhkgGW7
4pGA+n40aIHsG7KjnqfWgsdvHPbpzSSTC4gyM5GePypR1GDkd6b1drhsrgDw
SfyoDY42tnt707XDfUVSMHjGaN3y4xkVNguNU45zyama5mDf6tGXt1FGvXYa
V+thwvUzh7VlB7of61Mt1bk/6x4/Zl/rS5I2KtNPuWYzv/1dxE3opbbVry7t
RkR7x/sHNLlaFdMwdT3nUf3wKkdj2GKrtnOB1Pf+tVFj5Wh3AbHIx39acF9C
cZpt2V0RrYcR8pxg8Ug47ZNJoURMEnntSnlh1BI71V0DuxTkngU7DbSQee9F
klYnqKrcHgD3p45Gc/TigpajuhPGaoTkCZjuGc81EkmWm+ht66cR2qg4+T/O
ayHGRxjNc00up10vhK28IxzwAOppcZUYPy9vejdami3uNPucY6460xyNgBPN
NbFX7FUHCgZyfenkgQu4XLDAx6itbaE7akEeFzgnHuelOJw3uvY96jRu4oKw
/ptyODnOKeLVXX7+WPvTUXe9xTm1qhos5AmUYZHr3prQzKpymATmtHFR1FGS
e5HK53ZTlm6kVGMlCRwMj6mpTT1TKcbK46N8OAW5J6Y4qwpBQlSGwaJXS0J6
3JYRk5AwPSnR3dxby5guJEx2DZBpU6kk7pg4KommbVh4ruYzGt5GswB+8owa
wdRlN3qE1yzE+Y2R7D0rSpUUkY0qLpy8hlu2Z2djx6CnycJyP4vwrBtWOlRt
K5EmRIuPxNWt+DuXhcE1Sk3syZe8xm8kKRjLdD61b4znHHpUNjGMrEsOMgev
U1XmOEzyB+tKNmOTdtCSA7YAQo+6DinjAIO0nNVtqZLc2fDsXzTzc+mR2rZS
QPIVXcNvGexreD905KnxMkDEMFRjn2NY3iaQ/ZokPzHOaU17o6fxIwOOOvqK
cx9unf0qYxTR1y0Zt6KuI5GxnoATxWwCwHGSMf71bJWOKWsmJ8vH3fw4o7cD
+tAthBt3fw5/2SVNPJJB5k988ihgho2k8AL7g7fxp+WJPzNn3G4UgvfQQjrx
Hk9+hpx4Az5h/UVIxh2npsP04zSgHHVwPbmnqg0Dg94z6BuDRzjpjH91sigd
xCeOWTH+0pB/OjA4KDPHVG4o3ExNxx94j/eWjg54Q++cUeoaoXJ/2wPzFJuU
/wBwj/vk0XuAuccjev8AutkfhSmUnrJ/32uKQkAORnavHdCRShyOS7qPQjil
1GSAhjliremRjP8A9epFBA4VwPVTmn1EPDerN7BkxS55yFXP1waNWMQ+29fT
jIqMsSeqsP8AaXmi/QYjDBJC4PfDUxvq6jtnmkFiNmzkBlbHqKicDb9wk/7J
qiUYur3GZY4wTxljn6VkQJ5ki7jgMwyfTmibsjro2tcsXMfm27ocYIwPb6Ua
ZOZbRSxBYcHPtWSs0xbMnQeZKqr3PU1Mzb2yOnYVn1HshAQCOxPHApytwCQP
xqr6CH9QQSfwoJ55A/A0JDeqGMx/qfamANuPIwamySuUloB+YjHAB5pxYBQf
7ooeq0FfXUAm1McBqXG7gYAx6VWjHdW0IZDtJz0HTmq2MxkDnnmiLsaw2aOa
EhttVVsD5Zhg46g9TXWkL97JK/w5rvhseZUun5DCVkTDY3fSsu3kFtq6ggAM
CCT0A/yaw5dzbmWjRtLE2Mn5B3zSPIkfTk1VKnqY1KijoQSSNJ1I45A7VDuI
JzXXFdDkmtU0VLq8igPz4J9BWfAl1qGpQXZURiLIUtwCKyqzjGNmdOHpycub
objt8+4HnOTVby/NDRnHzZGa852Wx3SSauckQy5A4YHGfTmuu0G4td7rdIrr
tBUEd67FJctjm1i9C/FrUV1raW8yjyUjYIoGFDcYFOnlUwSZOcjj86taxM2Z
NhK5smiQnAJ4qpp6ma9c9XHXFKT6GvLZlrUkSTUUkU5AjPTpnApLm0urWyjv
LiI+Q5wDWcnqjspLkimzprSNB4bjRIVktpYyzyd1b3rmtNv7m1huLWGQGOQ9
xnB9RQ/ImmuaUkyrayA3Yt5CcnndUuuwounROoACPy3c5xxQ7NoqcrtWNDSo
55LRFZSu0HJNX4bOGGAIigkEktj1qeXmZzTlyt2JNvAJIoCk7R696l6ELuiW
O3bdzwpq2sATn7xx2p2uJ9x+Rj0H61HJyoxn8RVInfUhn4t5D1bb+NYbIF1K
3uJ2ABCjb39KUnZGlLcji3K97axJjqeO/frUkQVYYAWzIyleB6Un5bGlihdq
pc5OOnFTaUSk8u/7uBwOTSUrO1iJRfLc0xyODmnLk9Kvcx6iYA4HB7Z6Uuen
PFTLXRlPcCDkZ5H1oXIPUnHSnfoCEzlhg5HrQW6g54Hr/KltuDAckYPFCnJ+
bjHXFNOwaCjj74/Okx/+unuw3AsAOenXisya5kjupQH4GD+FZyvHY0hFPckT
UHBUFQQeSfSrCX0TqpYD+v0ojK7NOVrVEge0kBHCn1AqaLKAG3uGT/gdNtp6

EtXVmQXUjyTDznLtj7x6mkDDr6dapNszlZKwq8A+h496kVTgYPPQk1V7bkNX
HDI5Ayf6U08Oz9t2SMZHTpSTuLUTLZIz0Gce1Ox8uT1NCldBya7irnnHWkUk
5/pTjZ6lPYdwVyTj+lOU5A5/OmTaxIhIHH61nS5a4lHQHgf41DS6GkWamtS5
a3HQbexyazHldiyngY49652lfU7IbIgb5t2Qdp4yBTEl2Ns98UrrmszRK4pb
eTtOT3PrTWXgk98cUXadg0aIgNxPHTp705h+5cgdOo9a0u4K1zOWuhVhC7B7
/rUgABXj5QDxWbm77mijoKzdDnvUvmpjaGAqWpWuh6IlVt6DB6ng1K0hIwOh
4NVCTtZsiUYtlV7cMTtyOeADxUyQwhQCrcdcdTVxkr2KlqtBHsISA4k98GmG
xdPuMjk9B2q5LSyMlPpIdEPkA/iqHlmfb065FY3tsaRtfUiPykbuBjNKshJB
ZcjHIq2urE730JbZcK5HTj86fK2WGOeOMiou5aMq1iKE/MoHUcexqdjwcUWk
mS0Mi5nRMEDso+lXiRg84/DGaJX6oOWy0InOVXsR7VSueVKg4BOD/wDW96Ud
9Cm1Yu4AjyvTGBx1NKMhQAOPWtXZmSStudD4fQLp27u7Zx61pIm37uDz3NbH
DJ6sFXMhY9TXO+I2DX6DOdi5xnvUydkaUneZlZywPbvUhGWxjknn2qIybaSO
lq2qOi0tStmrcHcT901e4HVQD6mtjjerYuQOTk/XkUgwBwBj06UA9hQTg5LA
dMHmmkcjn/vk4IpMLsduYZ3A4/2lzQMdtn/ATg0Ejs445B9xkUYHBGD/ALjY
ouU7i8kHsOnIpNuegX3wduam9xbCnIzncD23Lmm4XPAUH1BxTvfQqwvTnDfi
N1Idp6Muf9obaG7CsOXeOF3j1wcimtg9SpPowxS1DcAuCcK2T/dfNBGerZ9n
XijUVhAMH5Sg9lbBoYtjLb8H+8M0a3GMwGHO0/mDUiAg9x9DmncOpKpz95g3
ruGKkVO+D7FWxQD12JNxHBd19QeaXGRwIyPc4P4UloIaVKjo4x6HIqMsW/iG
fcUNoYhI7rn6Goy2Acs6j86aERsc9WU/7wxUMn+ygH+6aY9Dl764aa7lYHqQ
oycnioIwowMnHY++ec1lJ2lY7aaSiXnB3MM5OeKpWZ8q6nhPCjDAeme350R5
bEK7ZoQ4wznOTwOMYpyt82MZGccVm9dGHUC3U9T6UqvnFDXQTJQp5OQOPWmv
kAY71aaS0E9BhPPoKBjII/SsmmaxdkNVwpJbnPHPapMB5FHG09c01FpaE7jy
cuTwPTNAR3O2Mb29PSmotvQNEi0LGJP3l2wHT5F5pstil4c28XkIBgcYLfUV
0KGlkYe1aldbHGeI7X7NdmNmG5l446mtqzmNxpttJ3KAfj3rel5nPUatdiiJ
nkO0+4NKLOKGXzJCHkx36D8KNp7FSlGNNEzXGTjOFPX3FVGkJuiqj5F556mt
Erao5lNNajJ547ePdI4Ue5rIlvJ7uRobRWxnr0GO/wCNE58pdOnKcrdCS10w
LcIZ23vnjPT61sBQvC8AcAelefUk5O6PTSUdENk5ztGSKZGdis7AYAOAfWsk
m3cUtjkbgbLmRcY9PetbSNihZH4xxg12Q21M6aTkOucG982LAcvkYOBV1JWT
TnjfIdWJ54JBPWq6aDqU7EdhKIIULfeJJqOy/dyzvFnzGOR9ajmV+U6oUras
u6hptzpsCXFwFaOXqF5K89609euIJ9J2pceZBKo2R9dhHpTStqYzkqklYw7a
e6azMEcj+Uf4VOQaXSwEu7qOVF3KQQcdqmUrGtRKCfK9x13p08uqK0GAuAWb
6dq2BboSiyDeM5wRkD3pNHNzKy11LIXbwvB6YpR8oqk7IwfvBFGXJ6DB7irK
xBMZ596XUe2hIBg8enrmndOf5U/Mm4wn15/GkOMZP86eyFuQyD92wHcYOOK5
uQBLW1kuTghiAM88HvUtJrc0ho7lwMz6lKkS4WRN3HfioImWGGJQ3mSiU/TJ
qLPmSNr2RBeqqykjGBmksGCz4X7xGT707XkS5e7Y1FyeCefWnKRk5/nV26GO
24mTt+XHHfNKCOmelDXYNhSQ3OAKAQFHXJ6iklpcL3GnoPTpn09qUrkA7gMc
Y70k1uwejG9Djt2pccd+fWm9ytw3dh2oOcAk455qr2QthhJIzwSOvpWLd5+2
Sf73IFQ5LZmtK9xQ3bOMe1LnaMjkEVle+ljqW1hUO2M5yMAYOafvKN15xzVK
TZGmtyzCzsAzEN7Va5ZQp/Wrumk0ck99Be/BzjrTkOCTxjP4mr9CNNmx27jg
YpoJ5Ldeh5pJrYNFsOGRzjj+dBOQMdPSkt7lXVhQRkgGjnIx908H6VV7E9BR
+Q9jT15HOQab2uMegHt7D1rPm4uPvfNu/E0g6l7Un33Awx2hfw/CqMmwjCHj
Hrk1ycrcrndBpRRCxxnA4PbvUH+swFPGeoqGnzX6mq2Jo4xGo24Lj16UTLlC
P4+Pf8ad235hZFdG3LuHAPT3p5+aIDdjPYVsr31RFkiuoAIA+7jj6UhOXAzk
ZyeKnkt71jT0HtxjtK9DVeNUM43kgE9qSd1oS79S15R48mXIz3OBTDNJHvGc
kHgkcVq4pK7MU25DxcEHkc4zmrEUm9Nw4OKhwTL16Em5SnBxmlU46HmlZxWg
nZjGwV4GMdaepCR4Cgqe+KfMouzKtoKY4mzuUE9Tgc1C1lHu3Kcc/nTjJNvU
n3loyNY/KjeMksuSc9+tEiPJkL83fI5JpKylqjRyViMpIjcDt9KDMRyQSDxj
1olZtCSctSa3Be5z6dP896tOQWJJPuQKzldCRG7dM4qsyB5YVb+J8HHpVwsh

M0HXCkEc7uMVExZuFxjH61TSTM4rSxfgmlto4xHK446Cra6rPGfnKnH51UZe
RlKkmr3Lq6pGGHmoVGOorntQmNxfSSDHPC1bSYUotO5X/hx/OnINxVSBjB/G
o1Rq3c6i1QLaxoQeF6461Yz2yM/rWpyX1E9yB+VL165A9BU3ewCcAnH06YxQ
eeCGwfoae4gUhT1A+hINQ3NyLdclfmPQMP8APFDYbsiGoR5AaMqf9g8Cphdw
t0fn/aFA3oSqwPQgj/ZelJ7H/wAfXr+NKy2FcUMw5AAHs1OLcct9dy0tFsNa
iKR/AAT6xnBpTn+L9RRdAJjjOFz/ALJwfyp2cDguPQMN1NiGkJnojH8qcc+j
j6cil5lPQaxGOShB9Rg0AHOQTk9dpyKQDWJBAYjA7MOtPQAdAvvtOKpNBYlU
4OCWAx0IyakUAtwEPpnik7XFclAKjguB/s8ihj/e2EH+8OtD2EhpAAzjH+4e
lRsScjcyj/aGadtAGtg8hVJx34qJuOzjHvmhARscn7wI9xVG/mWC1kkIA2rw
VNUho5YcFhzkc5PenjIYEgE8fjWE0ua7Oxaxsy8wIwV5J6E9qo3ZEd7E4+6f
lPtUwepK0ZqsNiKiE4Gcn1pgOOvH4Umm9wAHLHA/A1DczmLGxQWOBg9h60JW
krjs2WY3HlkimF9zcGq5U9SdnqNL4bjI/lQzY6cduKylGytc0TGuMnoRg5q1
Ajybti7jnArSC1sS2krovJbRw/PdyBR6DGTU6SuwCWkYjjx96umMLHLKfMSR
28YO5hvf1IqQ8jAPHYZ6VSuZM5Dx7bhYoLvsCQ2O2cCqXhubfp0sZP8AqpNv
4UQ3G43iaf2pUcRq2W9qjyw+8ck88V0xUdWYVLqyYjyKmWcgD1Pasu41Xa5j
tAXbjBI70NqETOEJVJWQ230yafD3kmeSSCelaqQx28ZaFAo5VVH8686dRzlc
9enD2ceVCKpJDHAb61Ltypx6/Wsm+VF2vsREkHC8eme9QzvggAe5BGaqKb1F
LTQ5vVkC6ieOHUHPatHw7Gt1cJayHarSAZzyR7V0a2SMqSUZtm9rdpbG8h+z
W7W5gk2yKVwD/iaoXrKZdqDPAyCO1afCm0XBuo1ct6HpsFzPLLetst41HIOM
/SqTINP1m4ePLW4ZXCEckYqL812dDn+85UaHie8tZLIGwlZmmIZlY5C1n2tm
Z4iRtRGB59zRpY543pp3E8NrMVuI2XAJGCRgZHHFa0VhHHcNckEyMMVPxaIi
cpJ3ZbyoJGMEUbRk8c+1FtTFajhEScnOOgNWUgAGW/8ArUMexKAoHBFAwOn5
U0kiWxGIwMdfToBSDAJx1x+VGwdBozk7uD2BozhcEcdqNx3GAcHPI9DXLOES
wU3B3N574A6daTsi6ersizvlfWI2I2wMqg4GABio4ykUdwiDe6Et+valzN7F
KNtwuowylwd2epqCxJN5yc9xmp5tVcLLldjV4J9M8mnHPUevb0rXpdmN/MQY
wcHHPNBPPY4pbaIbd0LkbueRn8cU0HgA9evFJIE+4Hsc5GcUYHTPHqKaiuwe
Y1jkgg4GOnpTsHDc8EY9hTQluJnd1P8ASgMO2TnPHWoerHqMPoeAetY925+0
SEgBicE46mpmkbUlqyNgDwMkZwKeM78E89/Q1Db5G2dOqJkGOTwM/lQMk4Jq
Iy7i0tctW/CAA/nVhXwSDzkfpW8EmjkqL3tCTgjAOPxpvJwSeelUr7GbV9hw
z1A59KXjHXjv7U/QTVtWL8pHXOPSlUfJnoT1oWgXuIBk+gH5UoJK5PX1ptiT
fUcSQQe2fWnY55B9qLlokXk9+O9UJ2KzM7YYq3UUm+g42ZreIY7eGe2NtkK8
e5hWPIQGBAwWrllfm1O2m/d1IH6lRgjrmlVQE6cf4VKZqldEijqD68cVHLnH
HBHOM4pxkm9FYCBRt9xzUifNz2GcZq5XTuiWVV4cbsd8+n0peMgEj8KTlJoe
2gOMht2SM+vX6VWb5p1C8/pQrIrfoWWVViJzge39KaxwsfXrk+hFDcmiVZCE
Yc4zg9Kt2x2Ip4Kkgc1pNWjdi5tNCd0jLbVxu56VVnYIv7tj1Ayam19SFzMm
WVtmScmlEuQGOAPTvUNDa5dSQSKecduuKcGXsVyfWs37r1Fu9BdgyfmByexp
6/Kp28Z4q7pu6GxhfD/P24FNZYzlmUcU1JPcXK90JHCIpiycADA5p5YBgCeK
Tvd9i0RMVyc81AG33cYByqksB0OMUoczeqIk9C+GyvJG4nrTDnkLjLdK0V0T
fQsOxH3eMcD3qNlJCl+uQcDtRfXQSVkWlbCncxqhJzMcdAeo6GqjLW7BXQhA
2nNSWy+bIB6sAD6U731BpJHVJnjsKdkg4B6fjWuxxjRkc4OT19KU4xlv0p31
ABnsevp0oH0/EihiDd2BJ7Zzmsu4Bnv2VTkxriiye5SGGCXJwN39KjZG7jrU
7bFaNagBs5XI+hqRLi5TlJWHrzmle2jJsTDUJMfOkcn04qdL6LILK6/Q0NWF
bUlS6hfrIM+hXmpFYHkHjtsOadkIeW5wx/76FKrcZHIH91v6UFaC7/VsehkW
kBBPG0n1DYpFIXcQPvEDvuG4U04YcbeehXijYkMkD7zj26ignudh9CRijzC4
4Mynjd+B4xT43LMFLf8AfS0a9Q0LgHGdv/fLY/SkzgkFnwfVKYhjY7KoPtxT
D8oySVH1yKW4EbYIPIP14phBzhV6d0OcU723Ajc4z1B9xXPa64YxQbvkdjk+
nGacWXFO5l5LMzcZJ6eo9qU8FTnvwK53J82iOx9i8SRCy4wwYYzVa6i82Fw3
APP0OaLdTOTVi1aTCeyhkUHlcEEVJxyMfnUzdpWDVijrkdfaoZ1DuCRnHf0q

k2nqF2OAKrgGk4III4x3ptiWo3Jxwe3cUZZT256dzUO25T0EQHLbWBboM1ta
SwV5IQf4c5960g/esZz+F2LHkRO7MVBI5OeRUss0VvFvuZBHGOnQH8BXTscj
aW5S0/V7fUrqaG3R8RjO9upH0q4WNNO61FZoxfFMIu9ElgxliPl+uc1xvhmc
faprc5AmTdx6/wCNEG+aw7pLmZuRx+XIzMVz0Heqt9qscOUjG98frW2kFqZS
qOtKyRVjtLzUpGeVtkRHAzite3sLe1OEXJzya4a1Ryeh6EIKkrLcmcBDxjk9
KjkO3gDpzxWDk2tNzaMU3qPCkKMjnk80jMBn+VCd0LqRrz97lRz9KizvlJI4
J5o6FPcxNeTa9tJ3IYZxx2qvpsuyZiWwxxhhxg10078uxz6OaTOmvtYuL+1R
JtiyITlgOT7mrHh3bLcTXar5sqxjYmMnr6elXrsbOChF2ILPUP7Nv7lWCzQT
H54x2b296y9WvpJdReeUAh9oAAxgdqd9HdCinFqSJ5dNlmtwI/vHt0GPT2rZ
sbP7PZpE77iuelTzaCq1LlgIqqcADnoopwOAcnaPpx9aXMcw4L5hOO/Xmp0t
1Ugv+BNCbtoBY2gcjGfpQODyeae6EIxwenFDk5BOenHvTZIxzgDp+NIDkjLD
I+tJtLcNdhgySaO3FK6DYTsd3Ht61m21hCkMiyHzGEhkUdQuaJWsXGVnco6q
JC0UgO1IjhsdMY60NJHFqO2LDC4/iPQHFTKLsmaxd9Bs+4Wboxx05+hqlaHb
dpnrnnPoaSipOwr2Whsn5j8pxknjvQoGCc5x1HpWlmtDHcBxndjJoXtz+lK/
UpoXI+7j8qDweSM4oeiJGcYyR+dLgkj2qm7ILN6AOGOOo65pCT90cnqamwXt
uKc4GOxpCc9ufb/Go5k0Xa5GxO8leD6Vi3GGvHJzgtk0SS5bmkFaY9ODzj1q
UAY+YYGfTmsDqa1shxJKjIPsPxpwzxuGfQVOmt0PlWhLbk45PrVoYJHy8HvX
VT0RwyvzMeevONvt60rYAJAH0q9dzOQDgY70bt+0kYOPTrQrSdwsKq4IUYU5
/ClBABHc9Qap3YkkLuByOMd6VRwRgZHP4VL0Q9xRwwx06cd6cDyeeaF5jVki
RcEHOeB9KoSoNxPXJ5FDugSux11cG4EZVzlFwM9jUUmSDtI68Vzz3ujti2lZ
kRGHwQcml4I4OSDWbklLRGkd7jiec5GO9MlbaFOKIq7HLQYQpkAXnNGOuPSt
JRs7MyjNlcKeMcqTnnvSiMvIMDaM8ihtbo1QskTqfTHQ1TyfMPHAoi3PVlJ6
6E7sGjwD06GlcjzEOOMEAetFrGfVgI2wRnlR2GRVkYEcQH3skkUm7oizvqOk
PBww+tQT/MY1PG5ufwpQdt2VZlvaNp2gZI456VXfgjaehB5FNSb1KXZloSKT
nbyec44NQXbhiwjGxSBg0pSju1qZqLUhUcquckUNcOpPTA56U4rmG721HtLk
88c5PHWnLIu35ux7elJx1tYLtaEiHcp5pruoYKcZJ6Gpabdh3sV5CUfGMdzn
rUcXzXnHAHHA5q+WS2JU0aDFd3y9No6c0IASgI5zxiqaaW47X1RYnUGY917Z
pEYdAcn0rOLuxPYViQhGeew61TXqeMZ64q07vUIMO4HGCCavaZGGuEPGM554
p22JqbM6EdRyB68UbsEqDn2zW9+hxAeeOcd/egZIzj8h/Oh6oewf8CBo68n8
xxRsAmcYPBGeprGjIaeWRG4Y8Y6cVS1CxMHbkZNP3ndzg03uICUP3lUmm+Wn
pge3FS7D1TEMKZ+Vjn3FMaBxwrA+9Sl3KbI2SQYJXn16ikOVPG4HviktBJrq
PW4lQYWViBzyc1ML+Yn94qsPWh3sHUlTUFxh43XPocipheQuAC447MMU1qrs
HdEyyocFZFIPQq/9KeHBOCRj3ApPUSFUZ/uj/calye+QM9xT1QCYGTgDPtnm
rVupAJIb8sikwZP3AwrH3oIGOjY9jmjqNqwxsMeoP1WmlcdgM+jZoAjc8cl/
+BComA4+6focEULzDoRSdcDeuT36D3rlNQl868nYHKDCKQOnr+NF7RZpT1kQ
DkEHOe+KaxO8KmMZwMdqzWmp1dLl2NtyKwJIZc+1LtHlfNggjkUm1zGT2sQ6
aQjz2xP3DuQex54q02QxyPw70pxSYR7C9wCfypQNw5FZ21vce40/eA4H9aaT
wBnmtLrYWqY04UdjntUZwzAgnI5GKzldqxas9SSH7+ccYzirmnSbLxXypB4/
OrjKzRMoqzRuPiO4CqAwz061yGuWV3d+IZoYVeRCQ6uSdij09q7Lc1jisr6m
rpGlJpjGYyl7hhhsD5QKsXN5FCCWkTPcZpt8oN3djJ1C7d5Y0bhCCQa4qMtp
+rlyOI5D0OMisoT965vUppQRqZvtUnCw/u4VOMdMj1rRs9LgtxyDK2Sdzcmn
Vnd2CjS9n73U1FHygY6enSlIO7PGMdK5vdN3qyJ8ZJHbkiq6gsc5wc9QcGi2
g0yX+Hr+HpUMrnAYLg5pWsxLUMBY8A9ePwqErhQQe2OvSkpSux7mdryE6ehG
SEbGSO/+NY1qV88722jqOO/vXXCV0csnyyN+3njlkcYxuUH8afHNJBMTA5ST
BwV44ptW1N4y5nrsPt7V3MczKSHfDKOoz3rTbToJcCRAVDZwRU2YTqu9kXsf
Jt4HHFIOvcmk7GDY8KxY4HvVhLfP3zzQK5OqqPb8OtOO3sOPQ1ViRAfl65NN
3EdSaNEguJ1JxwD+tIenqOucUCuMcetABGMA/U0NDVhuRk9hSZwOTyKYNdRp
Oc9h6ms5HSDVIiSS8ysm3+H/APXS0YK5W1a3kmjnywUADGeBxVO4lAgtJbYE

sDs3Ed888VEqljop3aLUyYjcA5JY+/Wsu2k33KAcAHn/AA/OpjGV7kNrqbRy
rH8velU8se2fTBP1re5indgcFhk04HbjHQVLuXZdxpH3mAABOTQDkcc5OAD3
pa9CWmNL5Xjt6jFLuOTnnNPluUmktRAevHt9aMnI6Z70OzRLXUN2ASegoGCr
Z4I7Gp5WNWZHIxGD689ehrKnXbdSA4x2/wAaJ6RNKV+awIMHngA46VKAN2D1
65rBvujqd0gznJ6D+VPU8ncM1lL3XdGj1WpNb/dOT/F2q0pIPHOe3p7V107O
OpwVLqY4gjoeR1H+e9BOSPpWj20I1uABByDxgYpcqR3x/Ki19gYvG4nJz7Up
PH3se9L3iReA2OBQMFunBHrzQld3He2go6nJ4p2dpJJp7oFZD0clSepNUZG/
euVOOcGh6IqL1sUAcMSDjBJPOD1p6yMBwcZrnud61ViZpS53E8AYwBxTS+5z
t25PIx1xUz5WwjZIkUKBlhk9/Wo5C2STznsKlL3htpkIO0ZJOP5VIxbDgdMV
vU5XoZrRixRhVUsDu7DHT2p+4ksMgKcE49aySe6KbVyTKu4EmBmmzWELqTFI
Ae/1qrxZDck9Nim9lJ/CRj/PNMdGjmUuuADkfWi1nqVzJ7DCzAMEb5mOMCrZ
IEuScDOeKU7SskLUa0gZzyOTmjBe6iz1HJNRyKzuXcsKQrZPU9qglH7wJzUv
o0PYkPIUDG0cZHXFV5GBAJPQ7RV2urgyfGEwdv09ajmIK5BwQM1Fnuh7qwEk
xgYBOM89/anjhRhsjAq+eS3RC5baksWFjyMncelVLKAOWub2R4zGSUKnnPat
aS5ndGVZrlJhqUmrTPNcBRKMB2C4B4ptscl5R0zgZ/lVyVnoTD4dS9wBk8/q
ant0zMrHkDk1k1YvUmcbiQevbHFV2G3kcH1FRbqWrNDbiTMLbhzjgmqynegP
Iz+BqlcSaWg8k8fXkelaWkgGYnP3Rj2q6a12M6rtE2kOFBGDmlBB7c/lWrOV
IM5BIP60c47YpbKxWjE6cj8KU88nj6c0EsjnfbC7DrjsKyYFPkjGCTzzVbD6
EwwehGf50uSFOaNxCDkdD9fSgc8c89qW4PQUjBIBOaOgHPPU1VxD9xHTikIU
jJFIBPKjwdo6+3WmGBcE5NLfQq41om3Als+2Ka0MgPqB1INStNBrVDCp5+XH
0pySOpyHJ9fSnypEk4uZVH3gfrUi6k6nBUf8B6Uuo3sWI79JXCMoBPHIxWxE
uEGB2yNp4pJ9hMkJ4+8ffIprYbspx/dbFPfUdhuT3LDHtmmZB7oT6ZwaYhhz
j5Q6+pByKicgjqPxWlcexTvpPJt3l6bBn5TkD61yRyAB3yWb3yad0omsFfUe
33Qc/T3pgyXAQHPYd6wu2dMtrDNGn8yxVWOWiO38a0XPJ3EhSKJR13M07pFX
zRBqVvITw2Ub8uK0JTtZiTgD1otdBqtxTjaCOQaaTkgY49KUVzaiuNIJ59Ka
DuQHp60ndoNhshwpI7j86j42gk4PtUq61KvoSgFYyFHJPfpTg4UBgBjOTmqU
7yuFr6nRNIskMMwYIHX6Cqd5fw2ykyyr04GeTXbeyPOaszmb3xLmZ4lwAvB4
56Vzt5dSSwPOA7IDhm5wDSaVrmkElqzpom+02NpIPm3xjGPUVXh023mme7nz
Ju6rjgY4rB6M9GS91M0siOMBQFwMcDFOXBIzmou+pm+4/ICk5GaYT0zwKlk2
bJo7SSfkjC/3iOtJd2sdsIxGfvfeOeTVqL3I57OxUdiC3rjJzzUbAGTaDyB0
6fhWb5U0bXuRsd8hAONowcU1U3tlj071V1bTcJK2pX1SMy6Tc4IwE3kDnkGu
XhYBlYH/AAxXRTi3E5JtOWhp6YJDOoClgWPGK6VNLElzFLLkCMcBe9J3T0NV
okagRBhU4Ht1pSpycgj61eyM22AjZuFBNWIrc9Wx+NTuTbuWNijoKcenyn6G
qYla4wkKMZ59etDYA45+nNLUQKSD0xTCfmwcY9aA9RCQAc8n0oOWHBp+Y276
IYSdnGAe560dhmgGrCDnp0+lIAccmjYNxAPn68+/Ssi7nigvI3C+ZOkoYbug
zwaVr7lR8iXUYy4O84Vs8+tZIbfpjC2Vt6PjPcZrKT5Xc1jtYtQoFtySwZio
P1NZMaGG9fGAu8HHpnrV81xLXc3eSDnuO/rSsfmwSea0SMWGB/Dx7mgjHPH9
KT0EJ3zjgDvSAYJwfxpJoWwHkAHr6E0AFSe3vSUtLI00aE6J1xSsMjnrSbvo
xLQCScE80xskZ3bjVJ2Ymk0MB+7uJPHWs6YATuTyfX0rKpe+uxrRd3oAYMDw
Tnj8aXlWOfvdCawd0d1kSAjIB9PrSOduWVT0AwBQuZNCk0yW2YgMMj73arqn
k9yeldSaa1OGpK7HE8DBz9e9KDkinzdUZahyoJBO2hVLHjGKq63Rd2xxRtpI
5HpShSDzkk8GlfqK1thOgPPFLxz7cUX7BawvU4zx704AYJJ/+tRq9iNyRQQO
gqhLzI6qOT3IqXvcqK1KYQBvxORTNjKVBbLY/wAmufmXM2z0o6ofnAGT34FS
qrBdrdj16/So03G1oKflxx1OPekkyW+bOD69qrmu9BNW1ImJJAP3ifzp6YYy
Hp0OD/IVqn7pnqP3AkgE4B/zmkXGcdOeMjip62Q9iWAxeawmyRxirKQ2zE+X
KAfQmpUHcHJxIWsXSQ+XMD6Y6VE9pOTiRSQo/KiU5J7DXLPUhSBY3BlRiuel
SkQOTncpHXH9KqE4vcJJ3uhpt42cFWz6imeS0UuWbKtwD6CiasrhzO+pM7BV
GRxjnjmqjMfPLYJwQQD/AJ6VEddgdx6SAJxkDnrULkFl9ju6d/WrtZjW1y1I

due/QDviqtxgTBeoJ5I6VMXo1cPMlXkHIySc04Havrmla+wN2WpaiACDI/Sl
uQk1qInACpyMcZrRNw1REoc25nFUgAMW1V6kVPGpjsYCOGeQn6DPFPVq7I2d
kWwG3DHpnNWLRwWY9cDtQ1oW9ibk8nimycnrisbPqKLsUrnDDywQpP50rIEI
XqMDr1rTWxWjGHJZcHvjOa2NLUeW7DIBatIPUxrP3bGmBxjORS7sDv8Aj0rW
5y6i5HXNKT6nFJod7iZIPp9DQTxzx2osCKOqNttSoyd5wBUAxgAAg/SlZ3Gx
SAScDjtR0OSeB0q/IloU++aD97DYAqOUpCY+UAfiDyaOSc96sTFyT16fyo3c
9xQAoJA9TzjHQ0uckfMQPTNTtqIMkdR+dKGBGB0o9Q9AOM5HSl2qRytG4LQc
IkyRj6Y70NYh+mRmmu5XMEVpi5QK3zZ7da6JQMAHacdyMVL3ExRzjOcezZpH
we+PquKnrYa2GYyeASfQNTHJOQCv/Alz/KmBG/ynBAJHZTionbrl2H1GRS6g
Ymuyr5CwEjEuQdvQisQsXckdKJ2sdNJLlEkZR0OB2pIj+9Qg4zz71ny3VkzS
W9zL0F/L1OWFv+WvCj1IGa6AkbCB1zWtVXdzKlexTvE3RMecjBGBzwa0jIJ7
JZBjEgBBx15rLVocnbRDgPlGcntjHSkc/uyBlfrxxUXsCTTI8kN0601vY+3F
O6HbW4zK4JP8P5ClUbnxg0FWaFY5JAYYpm9c4PUetFncTfKipfaoFhEDTEoP
urnAA9hWExudUm2wK8pA28fw/wCFbpuMbyOR++7G5B4biREfULgSP12L2+ta
OoRQTaTd2UaKjeVgbVx3z+dc7m27FNq1kZHhubzNCts/dhcq3PrWla7o55oD
gDhl9eaua08zuunElmboowCAD0oHALEAc1HXUx6Cu+FJ4GOtaVlbQ/ZI5mJd
m/hParhHUibaiWSxKcsAq9hVLUf9WqkDeeVXPJHtW5zoyHOGOT7ge9BOwEse
R0x61yzt0O1JNEajnOc+1PRO5+71zVLTRg9ERmL/AEeaIcq4xt7mqGkeHZHU
Pe5RSOFxya3T5o2TMXy35jpYbWC2XbBEEH61N1XjAAojGxm5NgoJI2g4+lTx
wOx+bt3qmS1YtrEEXFKRgcYH1oQSbDcMMuAxxxTSTg9PpSJGE46n8qAcDlfx
xQAgPIyvNI5AY88e1LqA3jvwO3FKORz/APqpt9gGEgqRnI7GkyCp4GM8igY0
YpQCF9qfqLbYYSd3A/TpWRdSDzHjijVpyDtJ5GRzzQ9ENLXQvXKbhE0rYLAc
E4NYls0kttexQjb1IPTBBrN2+JmsbFi2CpBHGDvYoR+XNZ80QS4Dn+Jun+ND
V0JrW5qqxIRiSQRTjtOPz4rSyZmtxW3d8exoIBAOeRRZLYH5iZJzzwOKOcH+
YpW1E1/KJ25Iox07fWny2Y1sIQSPSl7nbxx0qZa7ANJBOc8rzjtQy4BwAFNG
qDVkZG3AJwDWfcDddlQeM4OKmdnsb0V7wgxxtGF3HqeaFHPzcH9KzVk7nXze
RNkAD9c0nVSSce1Qo31RN0yS1YY4UYzgYHargBJrohojjktR4RucDBxxT/Kw
e4Hf3qtEK1xyrydwGBSqwDDglT2paNh0HI+OgGOnNOC72BQHPXjoKEnsFyFh
hiMfdpBlqa0ZDQoGeMkCpAoyV4/oaLitbYepOT/ePNZ0pxI/P4fhS5rMuG5C
pHI6k9zTNvP94iuZvoejCyQ9kCybzyw5p+SW+XGcfgKSt1BscFCxrgk56k1H
JtDAZOB1x70RXvaE9LEIxvJ5xjNSKQFfPJJ4NXJO6SISvuAIzgcnP50Idzsc
5HpVJNbjjuDADJJ+madbKsikMcEY5q7X1FK9h0mRKzLMfbNRR6lckN5h3YHG
7qfrWb3swjHmXYsrqnIEkecjOf6VILu0k2l48duKiVNLYLSiSBLSTOyTb9OK
a1huA8qUEZ7mptJbjVVX1D7LMh3BAx4+lRujkEvBg49KumlH4htKWqZEY4sH
OQccDtVeWIxsro3HQ5q/ddwXM9GSr8xZeeG6Y/lVO4WQSiRkKgeo61nThzO9
htcrsKJiAQ3AXmpFYPwD174rVRaZlPcuyzKijeSB71t6P4Zu9cgllimhtoYQ
peWcHaQQfu/THOfUVFmthSq8m5yd3FLbTpDLHhmXIHU9OBV+fK21vGgwyod3
JpxknBNqw21KSSY4kkZ5GAMZ4q/axYtmYjk8U3YG7LUcByB1IqN1zwDU/Cxq
zZTlBEqtz0xzSbzu4yMdfeqVkUBwMHp39q39Oj8u0j5OSP8AP4U4WVznrFw8
4Pb1oI9OB+daamPQTHPOaUcd6piSQAHPUfQUhwTkf/rpPceljO1F83USL2Uk
imr7n9aaExwb8+1Gf9nPtRoJO4YA4PNKykY9uPpRpcWonJGByaBkY/lS1KQH
rwfwpOe2RTAXaQcdKae45/KmL1FTBIyfqPSl3HbntjIpb7ghc5x0H0oQ5fB5
OOo6fhSvYbLUR5GNp9DUylt2d34Zo2EWLSMPKZSACOME4rRGcYGQPQnNS9B7
7je/XPsTikYEdd2O3OaVittCM4JwcfivNNIOMc49uafKIjbGOnB/vLg1GxIX
I/Q0MaRyurTGfUHzyIlGPY1TQHYe4/lUyvc6aduUa/zYAHT1FS2iFnDoOneo
adrmjasc0ZPs95FMD8yk4wPXj+VdRFJ525zjbwRW9SOl0clOVglOQCeR703S
XJt5bcnPkvhR6A81hHVWZ0PRF4AkjnGOfSmHLE46dqlk3Q1xux7c+1MbIPQk
HNUop6lq6I0JzlsYP6VJuwpbAJ7UuSz0FORQvb+O3HJBPcDqKyzNdalII7WB

3cc8Z2j8a2ikkc7nzz8jXtPD8KP5mpzFi3PlKentmtPTLZInYwQ+UnQY7+wr
GU3JhLR6BqEBEitDkSFxkE9B9KdFAI0cFsyS/KS3YVk7zasRfqcz4YJhi1O0
P3opAwz064rZuXEdxb3XVfunPcYreVNndTd4q5J1Yk+nWncYGOvcCskru5F0
tB4TzG2jjIzmtSwP+gmM4+VsjtxWkL82pnVtyjmDbSDzk8VUuo5rjVYLqRQI
oVICDgk47Vq432OdO25lPnf07k4qOXG5I93PX/8AXXLs2df2dGQyzKjAMTx6
Dn8KtJb3N0Tu/cxHGeOTVRXRik9Fdmlb2iwRoiAtj+JjzUo5PXPr7V0WszBy
uOHX5eT65p6wljnB+lO2uoJlqOEKQcE+tS46YP60+pLlcTco479u9MYOW5JU
UthbidCc5z60mMkkYz6tVBdjeOtHY57jpQL1EwMjJ/8Ar0EkggEAeq0BYawy
uDkGkHAO7jvjrSuhifMc4zj0xTFbKDHTqDTsAA/XHakPTAHsKBCdCABz6+lZ
kzNFe/uY8s8mGbGcAinpa7GrvQuSpiJDJzzisdN731zHtCRmM59zWeltDRNL
citpY4o0VQX2uFLk89KW7XfaOwb5lPA71TvbUJSurFqMkKuMdBUp68DtR6EL
uITkkckfzpSCBjgj/Zp9bMXkIuznnsBwMU0cn8qaCT5dhWPy9eD3x0pAT0PU
0aboVmJyBhTzninDkZIOal6DUmIMfT0phYhiMHOOPSml3G22hpxxvJ46Gs+4
P71m7VE1oaUZO4g75GBTs88AE9RjvWDvFHYtWPjidto2MfqOpq0LOQsd/U+1
TFaESmkye3tliBySec89M1YCAZwuFHauhaI5ZSu9B2CBgdPajBbscnpSTu9g
6XY8W8pAzwR0461KtqFwZM9OgFVpcl6IkWONFwFP49aCwJ4wPwqloTzOxnMS
S3J5P40gO5gR0pgmSbtuODg+lKp+XGcH1pct9UF7MeOACD17ZqhIcvIMchsU
pK60HDVlZg2QAQeeaeV2p8pz7muN63SR6Oy0FhTzJQGO1O9Kp23XljIXsPWr
hFW2E2yU4DEdx3FV5QPN65GOvvUqOthLXcYuB05b0prnEZ7DPStLtNJgPto3
uCSg+VepJq0YGUHapHrgda0k2tyHJRdiBlO4hgaSI7I2B6k9u4qNErlJtkcr
EgZODVZW3FieOefaojF7s0k7LQXdtkGeCBkVLYOoRxKucHOcVVkm2Z3bWhK4
j+YoNo6hc02yeTYW8043cfN+lDtJaBbXUtfbJ0fG7jrg09NQlYZILL6gcUox
W5m7J2Hfbkb7+0ehI6VJm3cL8vI9D3qJpopSewnkxfwOVI7EU1o238EMP9oU
4txRV+Z6kTRoWKyRgfhUbwIse5OCOefSq33YW1sOitLvUL1LW1t3mLDc4Rck
LWxqOrWMlsmnaMtyloigvDIwZTL/AHvbFEHe8TmraSMC8fzbwNu3uihSfcVO
7FjFnOVXrVKmuXUcdxwOVxjA756VrQArp8RHLNyR361ElZ3Rs3dIa8ZKZXja
fpTEVdpYjmpUluGpQuXbzen3emDUWcj1HXFaRTtcb0FXJYbjk9Pzrp4AVjUD
0Ga1gtNTCs9SRjSZwvHTtzVrYw3DOGpwwen5YouAZyeT+B7UmMnGeDSWgNJm
XIwlu5JM52YUGngDriqTHLTQOO348c0o5GegpNakrRCggYwMmlHI7YoYbDDx
9c9uaUcEDOR7nFPbcHqNPc44Hal5JBPXr/8AXovYNxSB/F+lJxnrgDvS8waQ
EkHoDxTgeB/L0pegl2E4J4zg8YpUHJx2/SnbqU2WYweDnryR6VONuDtGMDoa
T1EaFsNsSAZ55+pqb6AfhxSewIRiR7Dscfzphxn5h+VHS5QjEgYyfxNMPoCO
f+A0XDcYxB6s2fXrVW4cRRSSH+AZORjNCQXOPZ2ZyzHPmMWJz78U/wDhpTtu
dkG2kiE9MgZP1rW0+E5Re7daylqrBU0Rxd0oeMdc+vtmt3RJ1k0qPHLA7X/A
nFdFV+7ZI5aWrdy2/CMAMt29KrQSCHUEbGEkBRu3PrXOrqXkdN9DUbKhiCD2
BqPkKOePUdKcrPUhaaiMPlwRwKgkchgBnile5d9StPeRxocnOBnArNnv5rj5
LZWfJC4HQVuoxSucrqczsi/Z+G2nhaXUJC0hH+qQ55711NnCllYokESquMMV
/rWNSaH8Kshr2sUyk7MMTnOf0qpPcrBIqjJK9h1rGN5bCk7Kw8y+Y4lIG7vn
rTPnmnacOPKwAAO3rTh7kgRzlsn2bxxdW+flmTPX/Zz/ADrVmQPYiIDoMcVs
580lY66T9xCQyBoVdugGCR3NSR4I3bjkkj8KTsncUkuYljOOSMAcCr2mS77i
6iyOEU9O9OMk3oYzi7FklUBJIFZt1qByY4gfQmtW+UzhDnZTJDSfvCAM8kmq
8VrPfS+YoKKSeTxkViveOjTY1beyit+Su5x1LcmrTAt3rVWXQxbu7CbTuOf1
p6REnBHB5p6C1tqWUtlRf9r61OuAOD+dPSxFxuSF+bpSFjjjr7ULUTY31z2P
WjHH3j+dU9RDM5PGSaU5wc8CpsMbkcZ/IUhyGOen0poTsJ1//VSkjdkZFJ6D
vcTJAyFyaYMjqOKNwTDPpkn270wdPaizGwyfu/rRwWGcjii1tRbjDycj7oqt
LKQHMQBkXqfWmtR7D3IW3BYAknOM9Kw5i/8AaLOrb147/mKyqKy0NILmYkEf
mTeXEDnOTxgCppIBGrKeeMHHNEdrBIfCc26BuT061KBhsDtzj2rRKyM7gMbT
t4z+maDySuQMn8uKbWtxC55BPT2pO/HXr9KVn0G/eVhD0IPQ8n2pFIwMjp1o

1aDVACoznJOetBOACcjjrS5W9WK4ZBHOeOo70zcCvyjGPzqktB+VhoXcvyjP
1NRfYpZZGOMe9ZTUpKyNYe69SePTiMGRy3birAs4UbcqZzxk89KhRWzNHUfQ
nwu3gYFIc4wBzitdEjG/Mxyxs5BAOD6VKls5I3nj60XvokLREqwIr85NSBVU
8KAKdtdRXbEY7gcHH04ppbIznmm7bE3EyGU5yMehqJjxxTSsNlNh85yR+fX6
U0DaMdqE7hYkz2Pfke9OXgnAycUa9AHLlVHzDGOtZ8hCyuTnIP8ASlLXYqOh
EcAbuOT3pY1ySWznOQK5UnHc7loS/dcY6noKAha4R2PzAdqFLuUnca5O4FPy
BqKUBZW2uJADjI4/SoXM52BqMVdsYAcE4znHfpULnc1rCCVMshjBxiumybsZ
36nRDT3tVEUS/KnXjqaGSUDlD74qn7rszm0k7kTE4I2fKepxUD28ZYnAH0ok
ovVjvKOxFNZq+CpIOMYqq2myqoAbcOprP2aS0NoVX1IJ7eY7sIeueKLcOtvI
SPb/APVU2SjaxqmnqhC+AOOBwPSpLM5gy2Bljx260vhWiHuSStlPQ46+9Lbz
EAgjj09anm5WRKPNuOlZCmdvzdvSm6SGeVyx5zjrwMVo5c3QnlUXuaNx8inA
IOKoee+DsG8AZGKiCu2ytFqxTcgn5s57ZqYSCQgDr7UnFLWQXb2LNnf3Om3D
z2E7wSvH5bOv92s6RREp2AknqQeT+NUpWsRypu9itHlZ4t33mPPfNakww2F6
ngD0rWU1byF1EVcJgnkitGOR2hVWVsrwKxequW1bUmTbtwx3H0qGX5CfTrUp
CbMiT5ndmJCscZ75FA+Y8cZ7mtk01sPbQsWq7po1H8T8ZrohnnBx9K0jtYwq
u8hzPgjA/SkLfKM5/r9KexgrIAe4zijJzwT/AIU1ZjQZweOnpQzgIzHsM8Un
fYDJgBILkD5jmpgN3/16pNW0FrcX6dqXnqRijrqHmLnsMUZAXk4PuKNhJiDg
ngj+tGOPak9Qt3E7jH/1qUkkc8D60twEz8pIGO596a3UDkj+lUS9hw5HsP0o
5zn09+KY1tcB8w6VIgGOBn3FIehMuAOP50+NdzqhycnJqWNaG0B0xwBxTvcb
fz5paBruI2OM81ERjAAPvSGIw9Tn61G+c9OPfkU7dUOxCcg+nsOKydcmK2nk
gn96dv4Ueg47mCwzKy+gwMUE/KNp3YHHesXqzu2QyIbioK4J6Z6iuj0yIljJ
1wMD3pOTbSOeq24nExRK8RaTgEdD19qTw7MY557Y4IIDLjnoOtdVXXRGNPST
N5gCFwMbhyT6+1Z90mFJUcq28Dv1zWGi0Onc1WlWdI5U5V1JOD3oJ454AFD+
EWiKM+oQRj724r1A9KyZr2a5kVYEYkkDaoyRV01bVmMnzuyNKx8NSSL5urTb
BjIijPP4mtcafALZI7SERoOw/irOrNKVokKKRbs5lg/dFhx1PvTLy7mP7uNd
gzneKz+Je8JvsT28zIoIQsG4BpZ4IyWQjD55Oe3vWd3HVIp6lV7BBIsgmbIP
3c4GKkTcAykLj0xxTnJvoJWOZ19ltvFen3qrgP8AITj0AHH51qSL5d5PHuzy
CuKuMrxsdNP4dCEx+VHc25wCwDRk9vWpUGIUGeQMHin0uU97ki5IGe2Paiyu
XtrkyINzEYx2pJ6is2mSyTO28s2cnv2qtDDJcOdi8dnIIwau/NuiFFRLkVhD
Hy6mSQHgk8Zq0GIB9uwFbRSRlJ3YDqO2f509Y2OMYIxwaemxKfUsxW394Zx0
qwECr2Ddj3oV3uDYA5HPHtTc/mO461VibjGJyQxA7UZwORSEIS2flP5UgXJ4
P0pJ6ANUHpu5owMcgMe1VuAmcEAYFBHTB4o06itbYbyeeAPajsQMg1N+g7CB
zzzzUfIxg4HvTVgQ7Hy9s03HyA8Z6cjmldjsGO4NJ370xDM4YjHNZV7d+Rcz
I44KZBqlaI0rlWNp54hDGcgck96eLEwwpLLIVIf5gepz2rO7lc2SUUktydgW
kTywI1ZR06nn+VNkxukVWywOfpnpT3REtyO1wIlUDC9vWplzhh/WhO5mC/d4
HPTA9aTvnOeKtLS4boATnkc54AoGADn9elDBJLUN3A47elN6EsD8vH+TRZLc
NxoO1QDktn0qXyXIJ2nnpUSlqOK11Hi3bHPSpVto15ODQrtF6dCTChgFUD6C
gg9uBQtEK9wCndwvFPW3du1SmtSk2iZbcAZbIp4RABtX9OKtJPUiTvoPDDaA
FwPpTCwJHII9KVkkL0EJwx7HA570nHTOcjmhD9BrA7jt5x6CkLfKRxn2quhN
tRM45NRyHavuRSd0VZlPcc4GcgdcUKNqgccChK2hL3sPA5Gfx4pVK7iCD+HS
mtrDuiXJwO/FZzj5m4xt5qSo73IFGB8wHsD2qRWIGFycDn/CuaTTu2dyd1oP
OBhhk/WhW2x7QQzZ5PrWaldOweohVTg5JPbjvUJADntkdacJaalSVxIPubZB
wcZqGFS+t6ch5VWZvXt1rdNX2Mlonc7l2y5PUZoYg8FSR3wK1td6nJtsNaGF
uq4HoBUTWMDdAAPypW6C5u5CdO5Ox8ZOagksZQc44H60WsXdaEbQSKPuY9wK
iMeRll6+o5zRdPRlJkJtIJASyYPtxUQsFWParHOcgEVEoaWRpCfchmtJSPl+
YZ6DtUS2ssS7ShK8jPtWbi1uaKcLjJwwVsZGBhcdc1a0hSoY8knqRU3bjZbF
S0Vye9OIj7e9Z0EpRWwcrmlC8QtdWYpk3MQFGfanWPMsnUhQP1rWptcFFIvM
MAgnHrVedPmOOw6VkpNbho9CtCh/tKJTyFyxwavyMDM5Uk7jnOMYrZyTSSMl

pJ3HRKWnQZzk/jWy+PMI44qdAb7FEo6XDOD1GCP896fdOAmWOQB37VOjepa7
mOpLMpx83fJ7UoYEdOQeh7mtkrKxTvuaGmoZLxDgkICSfTNbQIIORznjNPlt
sck9WGTn+dITz0yaq+hFtQGcDDAGlPXBGCP880ru4BketVr+TZZv82Nw2+9A
JXK0I2RqFGMDAzUoOTnB6dxVXWxOtw6rwc89xQpyOcD0pk3FHqTS59B0/Wn0
HcaM9TjHtS9+nfj0pPXYYbevJx+lGDnIwaBaC4GDuwPemZG7kDHtxQtR6bC4
BJBzigj5TgjPYUtRIUAdakAPp1oQWsSAYwD19hVuwj33G/nCjg+9J6gjVUe5
z9KCPxJ9KnbUojOATng/zpD/AJzSeuwbDSecHr9aiYjOOaauFyNyM8ZP61zW
rymTUQFwywL29TT21NIK7KCdQxweaaSeg6dqyTR2XsSWahnLOOV6cdKvxzSI
6bWOAemeKiV72Mmk3qcvHa3F2SZsxoCAOea0Le0jtSPLX6MB2rplK2xnGKju
XRzDuyODx71HK4KBVUe5x1rn5m2ay02Gae21JYBx5bfKB6HmrSn5hxx+lO1i
HrucXq4e2v51AOM5GOmOK9I06xtILeN7eMLE6hvdvxrSb91Iw11ZBdq8l3GI
14yS5Pp2rStUKoZAoz0XFc1le5N9CklqLeZ5n2kytkj0ovnhZxGzYKH8/rV6
vYVyKfUCyqIRkL0B9KguFuXkHlhm3cgUP3bJlLuPht7t0KsPmHU9TioZbgJK
0KAswHJzzUcvvag99DH8W2ckekW12c5ikzyPXFXndd8MqEsHjBBPXFbWUlY6
KL0Yt+4Vo5QM44PH+eKlOQcr+FKWllY13jqK5+U9Tu6DHWlihZicqckc/wCf
WkotuxHNyq5ajtem/wCarOCBt7enSt4pJWOdtvUOoxk+xqRIyT7enWmQiaO2
HQ/WrCIseMY/xpW1G2OY9OOPpSj5ueMGqtpoSNGAwUfl60zdgn368U9guJgA
cUgPB6j3qd2DA4z1NIM556UbaAGcjHP1pp54609Q2GKQSRjmlP05zRtuIQnB
wBkelNfJYcnmntqNsUcYPSmtkAEdB60vMBSR0649DimscjvjtmhLqJjSTnsK
aQcAkkn3oeg+gMPm7dO1ZV7aNLqEbjlCuDn17VLu1YqOkrsnhMFrcGJQPnxx
2zULMWt5jPwycjjng1UtrIdr+8zOnnlu9NRoiYk34JzjirMbxtJ5MQLO0ec4
4464qI3UbvYt2WgkKskZVuCST+tSYwST25q0ZMeeehAz7cCg4OdoFGwloMJw
DjOe1L1HA7fhT8xLyE/gUbsDPIoHX3pPUqO5Rv7h4L2xGQEeXDe/HSt+OUFd
jgcdP/r0dAQ8qSPakCOThVI96nyKTJRbNjJOM+lSJDGBknJ/Sm1clscSq9Vy
PalMnI449fShRsK9yN23AjPPsKTdluG4ptXDS4pbpk+9MOAOP5UlcTsJ8x78
H2oxg+p9qb0BbC8bztJPHp1poHXjHcUcwWGjG7rzTJM7ucZx0o1YypnLnOPa
lOSOOPrS0TG9EKGIUkHOfel4wQe+KfoG6H4HIH+TWewMhcHgg9KU5WKjuR5G
BvNSZVQNucH161zSTauztWg0hmXaPxNPXCnPvjisd0VfSwx2KnC9T/KoGYhi
BnHvzWsYkydhUIXnnHv/AEpdLUP4ktt+fkhb8AcVsou5jKV0df0bIPtxTiCR
kd/etkctxQcDDUpGAMmgQucHAoA/un/69IdwcnHK/himmOMn5lH5dKNGVsiE
2ULdFwKjawAXCv8AnQ1oHMQtYS445A79ahaCVPvIce3NK3kNWaI9gz86jjrk
U1Y404T5fXB61PImylOUVYiuLYzJtLYzVWTT5AuFAI7461HsmndGqq23Ifs0
kancp46Ed6fp8bKpZ0KluMMO1Q27PmRqmmXAQGGeRz1pHxycdKy3SSAq2o26
hMxxkqFFSOSspwfrk1skmtSLtuzJ7IGS5iBBHU59DWoTljj/APXUSjbZj6kR
fnaQfqKq3TApgfjmm12BblTYjAA9xTTCOPYVrGT6FXsXbC9ksIyqRRyqw5DD
5h+NaKavbPxNbvGT1ZDkVv7sjjnCSbaLEU1lcgNDdrz2cbT+NSm0k25jAdex
U5/lUONkSpX3IWBXhgc+9N6YwCfrQthgCd3IxVPUHLtFGO+cZoa1Em0L8u3A
4pei+p+tUK4oHJ/WlyFPA56UPUQdzweetL6dM1L3GhoIzyc07JH9arQVxDwc
n+eaQnkY4HtSWg7hgscKM8dCKFBzz1o9CVuLjJzz7g0MD9RUt2Ha4o4IA7VM
gBz6/pT31HckJOOmK0rFNtuOuDzgVOzH0LZAPXOPyNJkYxzSeo0MJ4prHmmD
GNnvwfTvURPfke5GKejQJJEM0oRc+nOetcgZDKXm/idyRn0oWiLjuJkZHO0d
s1E785xkYHIrG9rnWtVYtxJ5ce7HscfpVhcBgR0BzWUmk+YhaFU42joAemfW
nKCuSpzgYIxxmt42aZLj3CNQSw557Z/lUExx0wMVlHcq+lhiEpdxyZ4cbGPb
2q3u6Z5GKcrsSOc8TxFrhJBwGQ5J/Diup8P3LXHhy2YH50BjYE98mrnpFHPv
c0crDGpByzc9M/nSRan+6CGMlunSskru5Fm9gWKeWYSy48tRlR74/lVV7YST
/IRjpzzV83K9ASsaSWsMFqVVBuPTd2NIubaDMxVWHGc8VErsL3GCYwRGWQ4y
e3JNZ1lbma+eRYyNxxluuAKI7WZVupH4s3T+HrmFQG2YI/MVk6Wyy6JZSocs
AVc/jjFXFNRNsO9WjRlTzIGUdSOPUUltvmjGxSWHXjpRFN6M0ezNCKzAIdzk

+h4xVsKpGFGcV0KNjmnK4gB3H+opVQbRgnFO7EidLYt1yB7CpxGIxyeKm3MK
VkSHBAwQMUwNgckY9xmqS7k3vsBYg9cH2pD1ycn6U7gNdsEAEjPqMUh469aT
1GhoBzyOfb0pQwPQ/hQK4mcUA9sZJ9aLIBvyhuuQe1LggcAt9KYEfK85x9aR
iSQckZ9KAF4L/MMkiiQ4HGai19R6EZ6ZD/lRnIH+cVd9AQgwRnrTgCVP5cUC
I2xkk+lIBx3FJaaD3Q1ycjHPrVS7EroojBGG5xxxT6XF11K7YE0JXl243Adx
zVuVADIsi8uuCKh6Fpswo1NxYToxMcScjt0OKktpSn2V4VDqpMZJ70lG61L6
Fnd5gZuchsAGgZz82Pyqk7GTHLz93B+tIT8zbeTnjNPrYSegNyRgnPakJwPm
HPemgbsL1J7D69qQ4wQahLUf2jN1g4n08nn/AEgdf5VvSfLJlDxn86rdD2NC
3dfs28pk+uKk8x88cD3oSSJeoB8Dv16ZpjEnpT2YboaxBA+vNJznpzU3D0FB
GMHP5Ug6kDnNNXuK1xM+o5pCeM4OO3NUPoJuYDoAaXHBPQ1O7EIDyfpR3yaT
tfUaGZBGBwOx61FJgNwBn2FVzWE0k7lVuCSOv6CnZXqucDuOtD1Q2OPB4x04
xRkZHJPfilG4/QlDA9eeeRWefvv3yc1EtNGVC5EcM6ZOcDnHel5HvXN01O1a
kgYFRjj6jHFMBJOR0xmpcY7IHoBAK9Oe9Q5zuzj0z6mrW1mOzSuHPl9egqXQ
QG165JOQsK/T6Vur81jGesbnVKRkc4Ip+7Iq0rHJoheeMdfXFBHvmncFqL0x
nrQW9cfnQAuTxnOf0owc8njvRdLQfmAwRznPt2peCQSSD7DimIXkd6M8YKjP
1zmj1Bb6CMsRb5l47jFRNaW7/wAOPfGaVh3ZG2nqQdjcnj5qgewmU54OOmKF
fqVdNET28sZHH5HP4VXcbQcoASfxoaTKi3sNWPAZsYPYelM2bkLAj86wcLG0
XcoRKXuJpBynQ49aXBLH09aPdeiHrcnhkaOdWB5UVoRybhycVEmr2Q/Me/Ce
g9ap3StsGQcHrSctbDiVwp2jdnrxgUuMEeoNaKVhpC5O4dMd89aCc8Yx7Cmp
Eyj3EaNSMdfWmo0kLFoZ5IiP7rYrWNRmbimW49Y1KMgPLHMv/TVKtx61CxC3
NgyN03QtxVc0WjB0pJ6FhLvTpuEvNjf3ZV21UucNqDeW6sIwACORRy21QuZr
RjxkYz0+tKQSenH5UJiFxzzS9zjv2oYIQgk49TijnnPFGjFqhRjGf5UvP4+9
S2HUCvJ5zk8Uuc8AfpTu2FtBCMDB4I6elBAwD3oXcNgxxxzz+VGSTkMPpSeo
D0Gemf5VIoyORkZ7imrIOo9RuYKM9e4rYQBVUAHH05qGne4yQ4xyOPzzSZyO
ME0D2G5w3QGm54zj8KXkMjPHcnNQtgDHJo2QGVrdx5dg4J+Z/lHrXPgYAAzj
GOv86UtEdFKzEYAnGQPXtQE3sETGGboT1qLWZvZGg33AoAwaZGMyiM5wSMZN
S0vUzSsVg2S2Mbhjj2pzO21ghwOPxq01ETTZJFtY8GobhASxYEnHr3pN63SH
bsVnRpLdmGfl+YY/kKtROJYY5OzjOKJNJCtdmbr0Xmabvx9xweR2pnhG4YQX
VqD/ABqyj061sl7tjnnfmOvsZlcnYRkHa+4ZwfSphCtvKXK89SelcrjbRibd
7kT3CX9z5ULFVThjnAzU32aGCIlAS3Zgc0yehSE8hmUXEu4J2Aq5MI5YyXId
cZ2//Wob5XYLXRnbP3oBdzj7p7Y/xqJ2mCs8TkSKflOcD/69Wo8yDmSGyOZ9
PkjYYeQ7SCORWL4WUvpF1akEyRy4AA961taNjWlpNs6O2syTvnPPTA/z1q6E
VMKiKqn0FPlCU7vQbzjIyKVFwuOfaqWxmidIy46HHrVqOFVQf0pbjbsOzg7Q
Mj2ocnGPyGKa0I3GA8YHU00nGSeMetF7hsBODx6Untg49etKzY7oGIZOCcj1
pu0lRtPH54qloLqDHHsKbkZ7VKCwZ3AdfbFAYA44OPSqaGthGJYgggD26U1u
cAHpSFYaTj8OlHPUnGelAMRTz3+uKVuh457U9AE4HOPyHFJjkFRjI6+lTsA3
GM8fhS9htOAKafUdkiNjg8ZHfnrSgHBAzTuIYQ2B3PfmobmNpFdAdigfMewp
6C1vdlMuEgCWi73U4DEck+lW22pIu4hmwMj/ABonZFq9zGjgkN/ciV8RNuRV
xz+AqSFGNk6IDEMhsk8471CfMi27EiADcCe3OBxR2ODx9KpWtcylq2KOCORx
0oyP/wBVR9oIqysNzuORn6d6Td8pJ6fpV9B8qvqxeOV5x701n3A+tC11C7Mr
Wf8AXaeeABNyPT0rpXJ3sccckVMmgje2peg/49gMYxzwetObZ8uOv1pK71Ft
oJ15B200/K3PeqTu7C0SFOfL6dDxQcAgkY4pj6CHGDzgetHyk9alq7C4w4Ip
2eORindW1H1GHrnPHrTs8jPI9MUDvZjc8Ng5yfWj+AZPAo0uTbUjIxgg85/O
o5M9qTdyir689eQetPtWjmchnVE7sTxTS1I2RAL2HzNudh9xgHHereAH56EZ
HpSsr2K1VmSqwXPA59qzXLBW24znBpcthptuxEnUgcYH4UoI3AHgjpXM1d2O
5e6hyHeMP8uOmf60jMMYXpnqO1JxVxp32EZTs3fpULglV2kg5BI7E07pMevU
QnKdCASRk9/pVrw4ha7vZTgcqoPrxWsbKRlUsoM6ZDnnJqTPI/P6VscNgOR0
JzSg889f0ovfRALj14PvSZ59cdqEPYM5XknPvQCAT/hR5Arig5+vtSbsHAB5

otoLYcW/vfoKUMQSQvPbIphoAb1GTS8Yxg560BoKFPZiDQNwPB/Kl1ATPTKn
8qa4jIO5B+VMpGTeMpYkLgewqB+Y8AVhVv0OinsZ9iBLbkAkbnPXr1qRkCDZ
u6cDjoKlW2ZfXQcqfeznI7DrUsL4GN2Ae+elTLzKS0LKHGCBn60/BYHJpyS3
Iv0YxgG+XBB9u9RGFGX5VxjuKV+potEV5I9uM59PpTVUNnqc9Tmncq10NYHK
4GeM800kqxzjHWtF7uhFr7BvAGDz6U5W5yw4xQvMlqSAgMcEA/rxVmxQLFn1
54q4XvYyqqyuXNzfWl3Fh1/XirVjDyFz0J/WnE4zk0WSBhnHXikHJGOfrQrb
oG2OOQCO+ew4oHoelJNMTEwQQB+BHNO5P1pvRXQCc/40p4xjHTpS9BiEsB83
+FAxSFcehbIxyPerSqCPm7U2r6hsTW0IModTkL271oKRjqOKI7jQ4nOP84pp
z6n8KnZalWuNzjpSHPfAoFoRv055qF+mcjPoTT9A0Ob16cNfRxf8803MB6np
VAfdA9uvrU1OZLQ6qbVhPlMmCeQKntF3ShiOMc8VDuzRvsTty+P50jLuYFcE
9vUVC9Au0U1xtwKcoJPy9e9O+trCdkWEjUAfNx0JpkihRkcjjmh3eg07FZJA
GZW555x6UlofK82HvG2AP9k0a2Ia966JLqPzbOaPk7hwD0rn/CTiPxBAkp+W
WNkJ98ZH41tF2RlNLm3O8O2B3KjGTlgO5qo120gkBb5uoHrWLu7sxXmXLaKJ
9PXeFLMAW28YpXm+QpajcQPyFRbWzQ9zOjLKsjTNuZDn8PeraDz445OFEigj
nmteVct2hXexEjrGJsg5DDg+mKp20hdbiJAX+cMuOvXmuinblWglrdF8WgYl
nAAzwM1NFDHDuEaIm45IAxmhqzLVuXQeOOMY9aVSW78UtUTZdSVY94+UEH8q
sJbhGy2CRT6C2Jug4Az7UhP95qFoG4jMRwMEetNPzfeAIxSQbDd2fYGkfBIP
AAFPYAU8YGfpmkB3DgHFHQNxo5BBpcjG3H40wEHvg+9ITgkKP60tncOgDJPP
B/KkBGTkdP1p6CAnJyRikOOg6dBxSGMI+p7cUmRt68+9F2AKvYdcetGACevP
UZyDRe249wwQx7444703cuMYIA7UPUTdthq8kk9R+lBJAGCcdetO19BboYfm
JxmncAcc4ofYFoRkkDjr61FLF5ku1nwhXt60m3fQZWSQSRvHaKRjnd65706P
ZHDHgl5QME9Rmi11YeqZE8aR3aTS9Wxt74PelxJK7ghRGQcAihe7qht9yqjI
6BkJK4555pQxHuQaCG2xQ2MEjIJpMjGf5Uh36CFvm/8Ar800sd4A6DoelCTT
12FurdRhcZAOTShuQeSO2arRbgnfUzNaB8u0Y/dWYHJ7n0rpXb5zjODzgGlK
zLjexoW2DagheenI6U5sFxke2RSutCd2IBuHPr+tNz8x5z9aNLhYOCO9NA7F
TTuxJAcDsT7Gk6v1yOtHQLJ6AeG5NG7gHr6YpNKWpTuhM/Nz/Km7j35FCC47
HoefpSHdyBwO9CstxX10GtgYBB+vpUT9eT06cU1a1x67FVywUlcFsZxWBazy
w3uH+cb8slHMOK1aOm0m/wBIj8MSaRrGlvNqNy7ZvVVW8tCcjDE7gR0wB+NN
UAJsBJRfu5PRc8Vc4U+fnj1F77bXQkX7rdc1nyAZcfnWU5WQ43voQbySfSnF
lx82N2c81yJW2O7di8sGwxDZHOeMVIFAZjwAcfL7+tNplJWGyHIHbGar5wW/
iG4Hntx2q4tPSwruxG2Si47HitTwtza3bgZXzyOe9aRWpjU+FnQIM88gEc+1
PyAATkH61pe7scmouMdSQKOvbigBckjtRjrgn8BVXsDVxM475HbFGc+p+lGg
BgBj/SjODxz7UbokUEE9f++qU8nHTikxrUACOrfnSj2PFMGtR+c9eR6UDHvg
epoW4xM+h49jUEjjyyQRihO4GTOwJHf2qvK/l27uSdoXPFYTbuzpp/DoV7cN
FAgB5PfNSMcqT1I5NZ3XUtK46MMQSckHrim42sARhTnt0NVfXQtEizFADjI9
P6083DED5c46e/1rP2t3ZhyCFpWBYAAfXmrC5Crjr60PW7KaSViORcrkjH41
ATsJG3pxkUQs0S9BGbPB4P1qIrlTzjNX0dhcwzAYHI46Um/Aztxjt/jQmrIH
uISSSTnntWpCu1FUE+gPauiLS1RhW2JiQWAHTvS8Ec9u1Xc57WFIyOPy6UnJ
bpjsKSYD1JHX9aBgDJPHtU9Qv0FHTrjNID2/lTtcYu0Y4J680pbIFK99AVri
E5zxyKTHuKe2wnYU4xyGJ/IUbc9Of96i4rE0alSDVjA/hJHHbpQmh2LtmihG
cjn3PWphwP64rOTVykH+7SE574/GlcY3dxwPwxQcZ68UBa6I9ze2KhdgASSM
CncEjjnmNzcTXBwd7FVx2Az1oxj2FTLVnbFaWEwQT8wGMfr0q7bpiMEnHJPX
rWbeg3oSOAWJ5/OlQ9Dx9cVEZdSXcz0Gew68cVMWVTtTBNaN3ZPUjMpAPzY9
6eo/dnGORnBPeso6O5T0RUkBDHaOTxSSkR3lvMR8ko2HnuK1iyVqaMYwdzcg
ccVxUm6z10MCAY5hz2wcc/TBqoP3mZT+JHpNwiKSZOQTuGapvEBGsgA65zWU
m72IVmSWzCJH+fKqQRz0FWZHMF1iCIMeCzjgFTWiuQ9yisbC5uo1IbehYE9B
jnmmHP8AZ1qFJJVMDA5ODmujRxsQlqWGty8zSZOXAzjvUkCRwKQkYHqWHJov
0NEuVE6lT0GPfFGM9qXUQ9ItxB5zVqK3CdcE+tJpjuS7QoAxz3PUUfeB5AI7

07aEjGIU9aazHPHfkCn0C43djk5P4cUMN3bNJXBi9BgU1ucChDtoAyBg5+lA
4Yc8mmAhPakAypwRgdu9GwlqIAc4NNJ5HXj0ND1AUnOMj6UnQe1KwCkkrzkn
3PNN6LStdgRnaWP55704gdT0qncaEzxzwKM/U1OtyXe4mRk5pA2H+bg/nVMb
EY5PUfnTcdB2ouAdzScZOOTRdkuyGMcN8v15qCQZmjLOAqMDkmj0KVuo2KNn
aSKFWij+YFu+e2KTKW8RVBl1PJxx9RTTTBuwxcMQ8gBYdKe2GYHrjqMYpJq+
pTiVvseDiL5VDEioZY/KO1geOTzS8iWiNsk8NxjpSBsEehOM012JuNZwCSOt
GQ3ynPTkkU27LUrRjdxByOuOnejPpknHOPWoWo4xaexQ1tJDbQnnAlDY9a6Q
/wAJXuAaUmm7Gipytc0bMn7IGwMZ/Glb5j0x7mq5bGb3DO1eOajGCxduCKdr
iuKRnGP1puBuA6imJoOxyP8A61Jz1OQBQw0Qp9O3qKRThQDn8KVug1rqDjvk
+nFNB4IxnBxSQt2O56d/0pDndxyO1DWoxgIOSKjlf5enGOSe1D8wvdHOX+oS
jctsBnBwfU+lWJLa0ttJs7tJ3Ny/M6FcEN7VpZNWTKV0rk9j5Ut49xExcqo+
U+pq8rEMMYGPap5baXFzNrUlAGGyefes9xhW59azm1YcFqQIVA44Uim79p2g
ZJHTHSuZ36s9CxJt+6GOSDj61Ih3AYXn600+bfQNthZgNhxzVUj5Sc8Uotp2
RL2uRzkCIv2A5H+Fa/hZSuiRu2PnYtn2zXTHyOeq/dN0HAx1/GnLkdMY7cVT
RzoOo45oX7oyDmn5BsK3Trx70igE8cfzoSSAU8/QUnYn17DijoIM5Az6Uo5J
zwaew2KMFutLT3EAI/8A108HaP8AClZgIMYOMk+vWjoeKWtwA/QZqCdisTcU
DRiynNwMduDVbUm2WbIBncRx681i97nXHoibYFiAx90AZNV2B9cipdm7tFRs
iymdgXrjp2p5Toecdqh+67soiIYE7se1TxlTwRyOtRuht9ETOV2YHT0FMjyv
GeO1NXtdCsKT6DnvVedcjIPOaUHZ3aCyaIG4BOM8Yph4PUH8a1TsmgvdWG7u
eOaN3UEHOcdOtTqtyXHUeI90iKeoNaijsTggVtTT5dTmrN8wsYC8Yz9e9OwA
Tjn0JGcVd7syEwCOcj8aepA6Z/GqYbBxzg/rQTk4HNCuFgyOuMYpw6859OlO
wX6CA5JFTJCx5JAJ/CiyGL9nYrkEMO2DURQq3zUWEIeT26U7r2GKLA+xMpI/
r71Kr5wCODUWW4F4MQijGAKeGweCfwqGWhBJ/nFIT7A/UUMdrgT7kimk9/yx
SYhmcLz+eay9aufs+myMDhmG0H3NXFK49jnY0CR7fQd6ex+bgg+9ZuN2daFV
dzkAHntWkVGNmPyqKisxXvoKB82PXpmmBTvOcAetZczTsUrMohtq4ToRTAcH
jqOlbaLRkPa5ExPdj7j1qeJidy9iKcklbQpK6CZPmUdx6VFOhm02VVALx4dA
PUGpj2J2RaSQPa28ic+Yu73rlPEkONTZl5WVM/iK0jZSMaiZ12i3El7plnO3
J8vazdQccfnWpOqJAI/7wJAHpUS1aIehTCMNKZkAYRfKxzzg1Jqd20FpYsoI
DxlSSOePeuiMe5k9RuhSJqTmW3ztUFC7nAJ9K00t4IgUVACPUU27rQfLyiSQ
YGUAHrioxGCTuzkenSlayK3HLFk4XJBqdIADz+XaiNym1YnVVXBGBj1p3BOC
cZoI3GEgDtx2prEtjHH6U9gGHrmg9OeaNGAmSDjAJ9zTsjAxmjZArCcE9/qa
Qng5ApeQApAPz9KQ4x8o49TxTGI3X8eaTnPJz6UEiemBQcHjoaOoWF6e/vTW
ye/XrRa+4/QCcKCf0ppxghgPXBp2BjSCADt5HrSnjGR36UnqGzG5+b5RyPwp
QM5YA57mk7oQ0gZyCPoaRurAA47Y700MaeOoo7nsKl2uAn15oO3AHeq6g9UR
MPmJJwfTFQypEZQZlyF6L6U92K42S5ZnUIuI8DJNQqCoYAZJzg5ycZz1qZPo
jWOiux6DaBuwx9DTgrM3yqaPMLlkR7Ms2GP1rN1Fj54ZhyQKdlbcyTblYqbg
rc9abkAYz6n6Zoc0mXGGuo5QjAtnJqF5k34B4BxzWevRGnKlqKbqNQT8uO4H
b2qneT7gjQvgjlgP5UcklqkU6itozP1TUTPbpFs2kPn6dK7BidyE/wByq5ba
mfO3oadp/wAegwD1p5yoIPOKrRozvqR53MMHIow2CCM5o8hMXOeo5prDkcfp
Rsg3Y3H1H1pCQOoPsKYtw56UZO05656HrSem5VgBwORyTgUjZPT6mk9xjs9M
9+etNOP89qL62F0Gk9h2PbvWNqd/shZIeTkhuaVnuF9SnYWSIqSTKX3EHBNV
ZJGm1l1kOSjDA7Ch83LctvmdjV0raVuGUYAfB/StEDkcfn3pqVlZ7ktWJAxW
Ijj3JrNkwAwU5GegqZJtNlRcblbO/djHofepQmHDYOTwD6Vxp/zHar2HMuW9
/wC9Th8rDnjvzVxaeoS0FuHGzOPriq+MZy3AFCutQT90q3rqthcMCwIjODXR
6DHs0CwBHPlDI966Ic2zRy1ZLY1lBXr0p24DjGK1fYwbsBHHXBpSDzwaS3sA
h6cijPIORTaGOJGOQabkHocj261KTB2E7n1p3BGRninfuK2oi59RgDgU7PPH
3qHqAbvoT+tODYFPUAHzH270rcY/oaNhjWbjIqrdthMmmCMeP5pGY4+8cZ7i
q99iSWCM5OXBVTXK3d6HZsrotXADOVU4BPINVyOy4yaXNd6jirot7k2gfxAd

CacG4x/kVD3H0sRMd3OfmpASp55z2FLqNIJ72C3iLyOox2B5ptlfRXsReFSu
OCO4NXyaEOSWhPvyMDAK8UwEsGJxjuazdyiCYEElBnPYUwxSFCxTgDPFX0Wm
oXQwK4yGH4imkMuCDz3HtTV3sN9yW0UtOzsc9h7CtQHjdnPPI/xrpWiscdRK
+gqn5RjH9KdknggfhTRmKo9fzNL29x1o62HdBjA44HQcUg69PxpoT3FJ45zS
/Tr6UWE9yWIZ5HWpTx1yaLpaArsOFIOAfoaeQJFK/wAXY0DukUzgHGBkU5Bw
CO/OD2pWC1ywAcZGamtUSacK8qRgDIL+vpUgaRsLgKDGqSD/AGHqBllQ4kid
T7rU8pfNcTO7tikBx3pMoQnJ5JzTc5o6WJsNLDtXO+I5BJNb25OcNuPPbHQ0
R0LitSjglRzgdqcgyM9Rjik5XV7HUtNC1aRh5QcZAq4EJOcDNYOTegm0LsAB
PUVXUq8wQHvjPpRqC7maVwPlP4dc0km4EHGCSenStN9iVtqNABUZP3jjrT4j
83XpUO5cU9iV8LjuvrRYc3IVjtV+OeOKblyu5DTIbIiPz7YqFET/ACj/AGTz
Wd4liL28MgBJRiCfUHFaxve7IlrEveDJy2hXUJbHkS5X6HNdAjFtkrAFSNoJ
9DVKHv8AMc8pJiaYB9ouLOVThgRj19DVHVQ914eaFFZWgfcJMdwema6F2Mpa
FDwHMWtbmAnG19y+3XP611CuxHXOKztbY2lrqOSchuRjnt3q4sCSxiSNgydT
zg0nuSkIVCEYyfYUu445/ICmDGhiTz0pGyR/eFAhgGevT60nG07jz60XGLnk
ZGSPekY7iTz9aS3uPYB05yffFKOen60O3UTuJ/F1IpD1B556UdNAuGRtGQeO
tKfUCl5DuRkliM9PY0vQ571YhrfgfbvTeQ3fPT1oFuPI+bgfnTSMjB49gKTD
YR8r2wT79KTv1oT7h1EY5A25LAdKCflA79al6jGvzkLnHag+3P6CmgYnJXOR
703IAwCMemOlMQA4BxnNMIwDmgBD0H9KM8Zzj0oauF0Rkng8Gq9yqyBATgDm
pV09AsnuRjCghVGCPyp4I68AnvRa5qtySGIkgknGeuelTgojEIDgD0prVksj
LnPGce9ZWqSiOSMv1xgfSnLYlGS94B8wDcHHPFNS6MrtgH5eg71laxtCSlqi
W9lYQFl+XtkCqKMOC2TwOp61pT11RjVbTsOwFLAEnnB+tMUNuIbBx19K3W1k
c73Tb0K2oqAVmxkM4Pvmu3kVkKrnOVB9ulc80m7M6Imhaf8AHpz0J70pPpmq
SVtAYYwDng00n2NSlqCYmTnvQ2QwPX3NNK+4DSuRk5xSk9OMn1NVbsLYQnK4
fvSjkdMD3qXdhuIQd2SD9e1LjPuaNh3uMPYD19KMjgkkgc//AK6VrvQcmkYm
qag21orUhmB5PaqdnbMwVmJbBPWrbsKNtzRGxSST0HOOwrF0+MXuuPEGVWkY
cscCpcHJFKXK22bVtGbaS4s2ZDJHJksDkH0q2MFTk8cdTQlZkqSY4EkY7dOn
Ss5+UfGRnmiWzLg9SKJAgAzzU4Hyggc1xJXvqdvYU9Djp3Ge1O8lhzkZx0Pp
TV1sJ7ohnVhHt65H51DhjkDGSAM+laR1jqDfRFDWHxpUgAwWwOOO4rsrBDHY
2ykYGwYB9K6EtDnraNFxATyMcevFSAZA6U9DDcO59PpmkB6HJ+uaFuIXkdef
TJpOw+UE9R60XBXG7jvHB5HX0pTwev5UbMLaCjA60o69f0pSdkNIU5PTigA5
wGJP0prYGOAwfmXn60Z2jt+NG4ADjrwaM8HHr3oBIaxweuTVK+Y856AUrDRk
oQXBydpPOen4VDgyarFuP3Sfz9653Zs7b+7oWbjBuZCDyW4qPJDKMZ544qNu
gltuWGiEg3k/MOB6U1QQBg5wefeh7jT0F8oK+5QdrdAO1NnIjQsRjHrTupaD
ucnqE7SSlxz2A65rpdHtlsrARnPmMMsRWs1amkZO8plk8nkH8KdpYF5LdB8f
uWC59cjNZwjzOzKm+VXJntzEx+TH4UzJLAYH9K3sc3NdjXjVz/tfWqrxOrZ/
WplFrY3pzWxNYJw5xgnv61c2kkY4PfmtE7LU556ydxBnb/hTgflBHSq3ROwp
J7A/WkP3uD7c0thOQ7sBjH1pScNg5+lNWGHBX2z9aUZY8fhzUg9SWLIJAGPw
qXvkjir6E6hnjnjPWnqAh3YOAKTdkD1KhwWPoT1qRQcckf1qRkv4ZqtM4MmA
CfwqJ6RuaU1dhE8kTboZHRv9lqvRazqcfDTCZfSUZNJTtoaypJk41mCXi909
M/3oWwalS40ufhLiSF/R14+marmi9zJqUSY2LsuYJYpV/wBhwTVSSGaM/vI2
A9xRa+xNyJmA9fxrk71zPqEjnpkL78U07J3NYK+orDIwOv8AKl6Nx0xWO51X
0Ldq2znOAeuau7xkEH8ahKxm9WRXEzSIViIX1yKW2iSPaV+8TnJ6GknqVayM
kDcDnv0pmcZBwR+lUktmS9XoJtVhgDb9OlKnD8gYoaGrosSDMfXg1XLbZVII
x0H/ANapTurD06jrgiLVYpv+Wcw2t6ZA4qDVEEumyx4Pr7jmqs0rmd01oZ/g
eQDWZbZjhJ4Dx6kV1UaBrdIFJwqMM+9dkXdXOKaXMKsm24imAIbAU47VcljD
WN9EOpw4/Gm2S9jjfCcn2TxA1rniRSMfTmu0UbcjOSKjc3bvGLEA+Zffp9a0
9PdWhKgk4PpihoXQjzkEd6Nz8YX9aQug0jPJ/Sg8/wAOKb02AQe+KRQM0r2D
zDGMDbxQTzyeP5UJ3BCOTnIGcehpRx709BNdUB6d/wA6RhjH+c0WAQEY4zn0

NK34Zo2GMPGMZApRjndnHpQ3oCQ04ViCOe1JkluSKnWw9xeozhs/WkLZ7k07
dxXEcZ6ZA96YSATtGc09BBkY460DsAD9KLdRobn5uAKDzznA9KL6iaY0BRy4
zjuOKVzk+1DGhuCWOentTOe4x7GhNWC3QGOOR0/OmE5ORx/I020TrsRn0xVe
8YQ2pkYEnPAHekrPYtAiswBx16CrccAUAt+WKjUptLUex6qOwHGKYT271p1I
2GckH1rD8QkrNA0fdSoB9aUUnImTvExGDGPAGMDbnH61Fbs8Vwm0kAHk96dS
KtoaUtHY1LwJNCwDck5FU1J2gHG8dQOeBWVNq9ti6qla7FZs5wCSepqSMHBB
zg9c966UupyXi3uVdWXZa8ZBDDB78115YSpG/TKL/Ks5XeprGeljStTm1ABy
Ax6UrDpn8u1SrocrNjRwT1bucUhJJzyPbPFUTsAySSeDSsQTjJzSZS03G56j
ByO9IowckcnrU6JaivqIc8YzjtmnA54496E76jGsMMM54/KhmxkZ47c1WrAR
8CPJHA681i3t89xcG0sTl8Hcc9BT0a0BRT3K1jZF1ZU5AHzPmr81xaW8JAkX
PcZ/WlqwnZbGdcXsb25CuS2O1c8xwzYyGz1zg07NC6F7Tp5YJfLibe0zjdnk
n8fpXUZ657dKfTYSumTxtkEDOCPXp71nZwG3H5s1m1dOxrF66jcDDduO3WnA
AY6+/wBK5Xt5nXvqh2CRnpnpTlZjjOSandFPTQZIfmGemcYzVcAgsT932FaQ
lugSKWqLvgjTGSzhQD2JIrtUGxUXuAB/+qt46o56zWxMDwcd6k6KBkH3zVMw
2EzzgrRnPHHB4pkju459qQntjofXrTsO4dc5BX2NIVyOOfp1pJi3Bd3cDj0p
2TnkUPUaIPtVlHqtnZ6hdGzt7hmDXJI2x8Z6ngc8ZPAqSLR7HXfEdzpuheKF
Y24UI7kSMy4BZl2gK+CQO3f0pxpylt0D2sKfx7Mc+m6houqz6dqF0t6EjWRL
iMbc5J4Zf4Tx0yeCDnnFO/iyeMdjSu9y6nIn7uwowcgikPPXj3p3ITE46HvW
XqEmVcDIHT2qJSsio6szosZ4POOBS2i+bqxI5SNc47HjvWEUnqdLuloDyBpH
bnr+NEGWkIweP1pKMbXYJssuxA4Hbr/jS22JELDpmk2mrorZCjAwQM54461n
a1MZN0EHzMBkkUuRSdwvbVGPotobi7aV0PlwnAHYnFdMnLZJzgd+K2nLoRC/
xCq3GcfMD9KZoG1bOSUcNLIW/D1pUviugrP3DbDA4D/NnpxUUloCMxDJ9McV
s1fU5YvoVJI2QkMMNUeRnaRknnJ/lRuXyqw6PamQq4z1qUkYGCD7d6LENdQ6
r0FB6HAIOOM9KpdidL3DIGPT0FKTk8g5pdRsMZHPI9DSkEkDJ9qV1HQFd7hj
A74PWgden4007j2Hq2G9qso25QeM9/rVEjlGc5P50yWXK7Vbv19aTAgGQ/H4
mplB7VK11DUe/CZJP1NUfvkn19KzqtWN6USQL7f/AF6TBA6cA44rnulqjpaE
JGeeTTHAIII46U+ZrQLDSdjbo2ZG7bTVmHVtQh4Fy7r/AHX+YVopW2IlBMsN
rXmRlJ7OF2x95OPzFc/JbjzXcH7xzj0qvaKWgoQa6jBE6g45H1o+YEDaffin
vojROxOjEBdn05qQ/KTycetZax0GkSIvP1FTjkgL3PIxWezE0Y/OCVPbmlxk
fdzW6jqZt31QbAV/+v0qMZznHFQ97IqLLCcjGMiq7KNpY+vGO1StGCvEdqCl
7DeAWkXkfQUpPnWwVSB52AGqru2pm7anKWEx0/X4JMkbJApPseK9HgBW4eDP
AbeGPfPpXVHSJzteZUVlJkjBIYZIPoakt5ZJ7SeYFVKKA2T1octdBOKsciWa
DxPA4wC0gJPQdK7sgeZuUkA9sVEeps1HlVhpJDD5ufpxV3TiVkwOd3T3qkrG
d0TuuJW4wKjIOBngUxEbZB4HFJznk0XAPoCfekwA39KaAU5A6GmnAxkZpPyE
Ox0oHBPBxS9RikbR0+X09KaQD1oTtsUwxxjAx6UZxwenr2o3RLshhUEf4UgO
09DzTtdBcQ5LEmmnrkDmkIdggdeKTkcDkCnuMUnIyDg0zB68ZPU5xS2EtxoH
ygnj1ApADj5uuePUUJ9Ae9xGfngYGe9B5z3IqtwuxoOD29qD1JPQUg3EGQxO
Tkehpuct047eoqXG+qH5DT600gEjIwAc01qGxGckn26GlaPzNo2ZwfTpQ77I
dydEEa8Zz/KkZiwAyetNITYxuvqaaec8c5xRdbB6iE/Jnp2rF19SbeFwCQrH
OKcXbUU1cxnJIIzj0x3qOVBnn8TVy1joZ0nyvUfu4547c0HI+ZAS3QAdxXNb
W53yaa3JkAIPAGTnHpTiCHzz93p7102tZHnN22INQQPZncMgnmuoCn7NE/GQ
oyMdvWs5W5rG0fhRpWZBte+MnntTsY4Y496I6KzDVsb9KD1GKXQLjc5HDc0h
OOnJ7c07WB+9qxCwA47nj0zSrjJz170nFsL2Ez164Hc0vQAnA4+lCVmO9xMk
kHn2pOI42dx8o6Gi/QNdzB1C/NzMbe2baoxlqozeVbM5ibKdDIDy1NaoL8u5
VuNQmlTZHmKLHRTjNRRqXkRXyS3XHWtW1GNghDm3HNFsZ8bsoPzz2+tVZF3g
nPzKOfpSSaV2VVjyNXLMMypbxCOMiVJAd4HOK6VJkmRWUjB5wDk0t3oZJu+r
0J42GG3ZBxmqZKsQCeSeeelZNPU1jvYDHtJ4OOoNIWIcdeSc+lcsrx0Z2K1h
5O0EMMHjbn3p4IB54OKaUbWB7EE7jsmfftUe/acYPPNEIxbsx6rVFSdVe9s4

yPvyj/JrtMZcZ6rXTGKhoctV3ZIoyOevXGKUAfQ0/QyHbjng80mSOCM09GgH
dRyD9KO/tRuhCDPQ59s8ilx360A0IO/GfrSEnOf/AK9OwdDM8RtG2meW+zc5
+XPJH/1q56zimGp2dxHHPbsXKQyxs0ROByVYYP4ispS5OptGEKkeWaOp0iGR
Ip5rmWWa4mky0ksjSMccDLEknir55z3q13MnFQ0Qdhxmjcc1XmJCMRgkDkdq
wtTbkLH3PP0rKXwtmkNZK5SU/eK/w9qk08gfaZj7Kv8AWso6ao6p7ByGIwMe
uealtckt1O3j2obBPoTv8w7VAsPlyEKcAjpUq1h3JHcRxbs4x19qyAjzzpFH
kNIdzH0A5x+NXDciT6M24reOKLbCuATUbKFP0PrUyd3Zj2RVln2WrvnGB37/
AEq9pKiPToEK4bbk59a0pJq5jVeli+pIIAJqVGKnpj1Fa3uYWHYjlGHGRjr/
APXqrPabT+7yR79qVtblp9Cqxdctgk9+OaUk8EDANXowkrLQeHzjPB9+1SZx
nac8dKT0M7WDByMUuPWiwWE9+D6EUvAAycULYE2Cg4OMHngUEluRnB70LUAH
4g+9PEh6jIH0603dsew5pGPBOfrTc8ndj6DpUK7YtRVB9Bj6c1Ogxk4/pinc
YkrE8DqfUVAV4xisKiR0Urocg2kZPHvViJt4KsFJA55rnlob9RWgUjjioJLY
hRtI+pp8xSIHhcA5XPc4qFkYc8gd+Ka13G0MCkZJ/AU0r8vTOTmtY6iDaB04
pozv54B71CctyXqIN2DyAe2KUepP0A7VLepRJAykFWJDe3U1KpO8A8DOOeKq
T6EXb3MpivGM7iMA+lOP3QvIGau7kNJDeQxwTjH4UFgMgjBPFJct7A1rcmjJ
Cg5GaaYwQQcAkdO5o5UhNt7EkeDEUP057VnWO5YhCSAYeEJ9+9VGzZHKYHiG
2NrqbbeCQGX6111vdvc2tpKrnMiDpwcZrZy93QwjTTbJTuErsT1OM06AsEZe
x6+9czla7GtrHO+JInS6S4ycDGCOxGPyrsLOUS2MEoJJdOa2pu60DaOpO46d
OvPvU1txMMd60bdyEkX58swPP4VCx98/59KbFfoRt0GAfx4o7jJHPagAYcnn
B9BSHGAeTjvRsAHkHrj86MHb0yvtRoOwv8BGB7ECkwOuQPxo0J1AnnrSHBwc
5osCYmfXP4U5sEAjB5+tFgGAEjg/iKaeMZGKVrDsBGcZzRkfTFNgMLeo+lDf
MuAMCjYVmHGxhyAR2FMBJ5xx70KwaiknbgcY7VGvXg8cdKADOWOSev4UAdye
f6Uh7sQAnC5Oe2OpFNIySOp7U7g0IWIPAGO9NJy5wSfakr3J1GnHckc9BTS3
IIPHoKpjuPjiduTlR69qlztAVSeOvvSfcq4wEknPNN6E56dqL+RNhvO48nHY
U05xnA560CsGAOPUday9ZXFooA6HdSv0Q3sZEcauRxkgnJPeleAMhwMdvpWq
bSsZq1yPym3EEZUinmIggknJ9Kya7lubtZIUDacAHP507nHJyc5Gev0rVWfU
57yvaxFqQH2B5eNq4JH1Paukjb/Row38Sj+XSo2Z0QVol60/49QMHA6D2qQk
nk/rUuwxn8XOPwNI2AOf/r0LUBpzuyOlDc7Rg+1Nh0G9skfh3p2QPXce9PcY
YJyDjrS446Um0gGNIqpvYkADJOK56/1CW8fyrc7YR/HUtrqVHyK6WzSWryQR
kRqPvY+8c9qlGkXFyczN5cYGFUU7uLsDs9WaC6VaxWrRqq72XAY9j61kWsXl
ZmlJDLnH+NKXNJnRhrSlqU5ZlMbQoSRu3F+5NVWwmFC7uBk/41r71jLEVI1J
2RJBM0TFwn3jgj/Cn2j7XYx7uDwah6XaIjstDZS8kxjeCMdzVq2gZVEj8sea
5nUaVjeyepNt4JOcj3pAOOgx7U9Hoyr9BrRAg5yPqeabIxVBhck9qXKNvQgl
VljCEj1JB/lUO7exyOSOO2K0srpoFtqR24363Yjg4ZmIP0rslXJJzyfU81a7
s5qtnLQeQR0ODS8Anjg9M1VluidhScc4OaOCPSpt1FcT8aUkehNN3Cw0D169
6dk8561QMUnij6HNLbUDmfFDn7fFGOR5Z6dvY0i6le6i9ha3Mm6KwjxAVGNv
bk+tDimvU1tqmdQkRijVB2HJpcHrnFGiMWxw69cig9OKV9bAQyHCHPNc/qTF
WDZz346moqWsbUU+YrhiVJP44qW1XGkKo53PncD71lDRWOmQmTjPQHjirljt
eBmBwM8U5K/wksmVQWA5zVe6njjdUX5mPpzWVvMe5Tv7gbQpICquW9Cewqzp
tq0MDXE3+tlO4/7PbFXZLYjmbZbiuUdynA9hwcVBIAWwMj3quW2rK8jN1VSI
YlA4eQLg9+Rmt2NdqAZG4dK2htcwqt6E2dpwfzpVfcT14OKoy2JN2CB2qUSc
c5z6UW0ASWFJFwRhvUGqkto8Zyo3L3xzSsXFlfgYB/8Ar1IG7gGk5E6biqeu
Tg/zp3J9cULVheyE54UHgetLzjBxmruTYUccj6UoBPXikAuBnOM4pcZ7YH60
rjDqMZGfpQM44XP0qdegh6cdRn2qcDA5ANVtqCIJDmTkduMdTTQCDnOPrXNU
etzqpr3STAOMcGmOxjYEA8Dn3rJxclcvqTCbcgx0p+75cjHPrSdloi0xrNyB
nj0B5qN0dk+Vd+egU4IohGUmTKXKUZQVJDIwH0qEMGBXuOgPer5GtLFcwFuM
g89s0jHdgcde9DTvoNNX1GEEEk9KVMg+tGm7GSjIwfzNPViWGKtRT1M7ozsf
MWP3vpQc7Tk4GetOOoLRCMMjAGAOgppyvPGe9JvSzGtCSFgud3PPI60rnDcd

DmhSurik+o2KQNMEPQEZPTNQhRFqe88LLkfiBVQVidne5n+K4d8MNwBlidpx
2GRVzw1N5ujBMZNu239TVfY1MLWkzWJ/efewetGD0UZzXLeV7JFWsZXiKFpr
TPocjmtPwzNv0aNDyYyV5rqp6MN4tGvjpT4gUlAIx9O1atX0Mr2ZpsAY15BI
9sZqA5ByODTsLqRMD36+nagknP60AL6ZwB60AE54PB/CmAhIGPlx+FHUAjn0
waQriAnPue/Wll/vdxzntS16DEBzwBzQx65HTtRsLqB+6CePam5ODwceopps
bEXnIxik3AnGcelJ6hsB56Dn1FNP3TnvQn0DzEbBQ4NAYhck5x071Vu4vMQH
cDmmdc46Y+lK9txh9f8AGmk4pXuA3PoM+9OGB1OaQbjAeeSQaQkMenemhjef
XNNzjpVCYxiWBCj5j3xVhIQDucDI6Ck9xWFZyRgjFNPU7ucetD0KSuNzk9Mi
mZGcDkGjYTBiCMr+IpuePbpTBsXKgHPJrO1kn7PBt4BchvypJahczQoSM46U
wDJHOTnkU7uO5hKKbuP2hOgzjvnikU4PQdM46mi6aZdtbCYJc4GNwzTvlUgO
OevFVDQhq+5T1EbdPkPfjjFdBE261jbHG0dfWpndu5tCS5bGpajFvkZzmlYn
0B9qgGhmRnnpSk4ODgr6inKwDcrjGOf5Upx8u4896WuwKwmODjnFAPy8cA0W
uFuwnIOckVXv7k2lsZdm9v4V9frT0aCzOg0KxsNd0GVmjwxBRn9D7Vw+n6ez
yPA+5Le3OxyeshGa5VK8rM6X7sbo3UVUUIoARfuj0FLkE5rdXexhvqyORVkR
0f7rdcHmuc1mAWUatC7Mp4Kk8/Ue1U73Vioy5b2MZVLKdo5HWrcahlk8pS8o
Xc390CulJcpzqT9CmjEoo3H1JPvWzp9rtj8xgocjAGeB/wDXrPlQ25Jbkjqo
ZeBwetPjupIh8p47VHKnpYfMydL3j5lBxUyXUJbkf41E4NGsKmg6ORJH2qSC
Bnk0B1HHy8cj3rnaaOiMuYguSqsApyR+VQYGcr06VpGDeoOa2FsEB8RwDPCw
k811KYbk8mtkrHPOzZKD8mBnHoaUH5cngHvnmhO+5PQQ8gHnHpSggZ7VXoKw
mQTwOtL8uTnPHtSs7DuKTwTkfSk6HmmmrAxeCOOaTv1/OjrcRymuyeZrLtkE
xjbkdif/AK1O8MwebfSKPuL6+vWo0Ztd8p1mSTkkkn1pcEHpn6VV7mIA5OMH
2pSRg4J+uaHpsMrzNiI/pXOXbGS5POQoxWU9jairyIHJWNyAQR61bQbLKAIe
q9ux9qzd90dEmrkbsFGVHua0LSMJaR7fTOPShXjvuTPyJcMGBTO4dBVachEd
wAW6DjGDWcpabDRmRQm6ulXrHH8z55BbitwzZyTjHcAVVrQSM18WhXlgTzBI
hw3XApEOTjqM855zT956Jmm+pUuB5uqW0GAyDLH69jWuvYZ4renojCta9iTP
ABB9KXjcQCRV3Rj1JCcdT3pQc/UfpSVyr3diQE4z1OasIcLzz7+tNskiltYp
QWQbWPoP51SkgeE5bmp5Sk7kZOSMCk+Yg8EfyNC0BxHg5AJI68+1OAwOf/r1
d0Q9AIxnGeaOmABz34pRB3FG3dg5H0FKAfXp2zRe4wPr+WKVfTofSmTuyZAQ
OM5qRsqvXNRdbDKwGX3MRz3NP25GSOO9c8t7M6YfCAIHrVXUGdoCYxufNJXc
rI1j5kFjK4XZICR2/wA9qtM5QEgkkVE0r6FxG2srzK787TwMVaXKYOTXTTVo
nJVfvEmTt5GfwqJ4opGJdR+WK1Wpmm0QtY2xGVZ09x0qnNBJbvtchlP3SP61
EoRSN6dRuVmRkjAAP4Uu0BRjrnFcj31On0JQTs9zUtttB2HHPFVHsZ27GKrv
lcHoMZ70nmMRggE47V1ciWpyKpJDvM+7wPXNJ5iFjnd+NYuHMbqrd2DzV3Ag
9PwqyWEin5hkVLp2VmUp3IVG2TcehwfpTtRjZrXKD95Gd6nv/nFCV3oDWl2N
1uP7bobiIbvlDgKOpz0rJ8JvILi4tcFGZQ+CMdM1b+BswTcZ6nUC3wPmzvPa
pktmXdIW+bH3O9QotrQcpiahbLJp0wYdsg+lY/gu5V4rqDq64Kj1HrRS3sTB
7o6YEbVznPQijcc7gOfrXUydDUiO6BSe461G/Xnk/wAqeyJe5GVycFjTQCuQ
3Q1I2KwPTtSEH1oTYhBwMMaUN2zn2NPUaQmSSwo/hGe1FhbMQdDjNJjHGM+9
DaGDAlTjgfWk6k5xn2oBsNygkjP5dab3yAADU7MBHwAcL+VIc7femtwYgAYd
CPrTSDnAobdxIRTkcdPak6noAT1yKb2Aa2WAyDx6Ucc980tx3sNzhDjIxSHJ
P4UPQN9RoJ24OSf5Ug6kHn3zTS6hewjHj2pFRpCNg/xoVwW5OqBMgEsfWkyT
945PbnpTYt3cjOCfWgk445oAapJGMDPYYpCMEH0oYIQruHGQeuTSE8nBxnoa
XUeorAbhgcYrO1U7YYyMA7uc96fUV0tWZiYIPGcd6csY2gjqev07U2Zv3gKg
ZJYEYAAHb3pwUY2sOg9Kbu9kK2u4115657VF5mVY+nt0ocmGiuiC+JaynDjG
F69/pW3asHtLdvWMHFD12Lpu8TWtCfIbkkHjP9KeQcDAwKhou+ogIA56+9I3
LdM8VD7huJgckjBpDg4z0p6sWyG528ngVG00ca5dx9DzTtJ6oL2RWfUrdW3f
ex6VmS3DahdkyyrFbRjJYnjiqS0sEL/EzufAMc0GjvMyhbWc7oRkZPJ5x+tY
87oLyfy8Y35wvrXHTjaTNqktCPPBHfqOKXapwa6JJrYyv0Gu2FbB7Vz2rJO0

oNwo2g/KyngChNx6DVupkrmNAy8gg7vzpsMrQu7A4LcE/wBK3VlqZyeoxlMg
zn8K17J3aBI5OWUcEdxTa1diZ9iwV4wQcZz07UwIOcDjOSfepWgm1cU4UHIG
c81GCPlb7p/z+tRu9SlJXHxgpnO49ulOEbZYk43YwM1L5ex0JPoxGic/dJOO
uacY3VOFJGOQOv1obVtDVaOzF0ZN2vz784jiGDj1zXURjAwOfYUJPZmMrXdi
UnuTxSD73HA+lNJkB3xj/GlA4znoeoqgEyc9OKXd6g8UeoXFLA47UA8kcn0p
bBe4o6c9aPlGWzRruhHD3Dh7m5nIJDPwR3xW/wCFUVLOSRiN8jnH0qVzPVm2
iTRuAYA/nRgdQf8ACmn3MrBwCcj/AOvSEEocYA+nNUKxUvWwgGeK56R/3rEf
Nzx7iuatqrG9Bu5HIfkYHqSBVpvuIF4XHI96UU4I6GtRjDI29T61qW5VY1Uc
cdKd2xTkiYgZ6A/096w9QuGef91njhfc1EdWS9rmhZWwtrUKDljy5J5zSygE
ZGc/zpuUmyY7Dk5wABn1NAjUg+p96VuhSdilCfM1uZhnEcYXkccitVDwOPzr
ppq0bIwm1zDx1HIJ/wBnpRnkk/nVmRJnnkDFIckZz1FLYZKhXvgVMp4O3ke/
ai7AkUnBwTUuVZfnyw+lMEV57IPzFgn+6Oc1nyJIh+ZQP0qGm3Yu6YzHc8j2
p6uF5PPuaF2RDaHqwPr9M0dP8801poAg5Xg8fXFKCep4HWgQE5JYDkdxxTgR
nB9O/WlZ3C9iwhAFNlOFOMD0z0pN2QLcjU5HH3h2NDzLHhTnJH51zK8tZHWh
CwYcAg1GRkg5IB61Mm9kaR8xGQYIPX60jZZPKXBfjrRa4n3LEShUWNOAox9a
l6H2+tdii7HI3d3EJJPTP4Uoz0PIq0rE3F2ELxux396p6kQ6IhGdv9e9TLRX
NKfxIohQSSx49ac0Y9OP0FcTlqd1x2ML1Jp8eS4BOMng0JvqRJaGP5qhxlRk
9800sirnOcHgDtXamzim7oaGBGC2fTPJoAQrgHJHWqdiOmgLEWfajA8ZpZYp
Y1G71zkdM0p3ui4yutRpDnhj261IssoAw7emDSsrbDcmlYanmwQ+SkjlQOPb
NM01Ba3DytJ5jOOC3BH4/wBKaSZDvvc1JtSukVDGiyIfvuPvAe1WbDUrURyB
ncfKfvcljitVGKjoZLm3Zj6hqV9qVwbawgMETDBLHBPvVHwoDZ+IDE5wZFKj
3IrlSjayOinF/EztgxyQRjseOtJn5cEVruSzTtG3Reo9aWRWAztGKXUREwG3
BwPoaQgk5yP6UxADx6Ck6thR9aQxBjPHTv3owATgg09QE6HAOc0p4A7Z/Kmw
ExzwTRg56jPrU+oCD73A5HrSHluwpoLASPx9qawBPPHvSd2A1jhfl69xQQQB
gZGPSlqtAsC5JznI9ab1J7VQDQCPakxhsdx79aASaGsd3BFNz1AHP0p7gxrH
PB4NG7A60Csxn16A8UbgBx1PH1pXuJdhyRFhuk6elTMQnGOPrzS6lXQzGSSc
YxTH5AI/SnqIaMAcAUHOeeOOmaADIBPc+ppGOVxjHPWhLuJMZ/FgnjHbnBoY
Z4PJBFO49wbBbOT9c1n6oN1n6kt+lJu2onsZyhgCBxk5xThGzEMeMdOcVaaM
rt7CY4XPQnmnkHdleRx+dO+g1roxjc5GOnXPSkATaCabWl0TFq9iK/QfYbjA
wAmevQ1p2hzY23YeWMVjzO5vHRWNOwP+i4bAOSTk1MemAB9fansN2bG4wecf
nTTk49T2FCSeqJ2E5GQPr1pCyx/M5Cr6t0pRjbQHKyMO/u5ZY5H5FruwpUHI
I7mm2xRFDXZaZDzHIDxWiTtYrQjmEM584jyohntz7VPb2DX9uGuFMUHRY8YJ
HqazlpoaKVo2NCC2u7aBIbfUJFRRhR2Aqs0jxOvnoY3JwWH3WNTdpkNJlpbj
BVZPuno2cirAAKgE57im049Cb3GOPRt1Z2sIZdNmROGK9Md6qOwN9zBgs82q
mMliV5GeKjltZUU7ozjHWrW+pCktizosEM2pQpdnbbltr9s8cfrW3e6eNKv2
tmwUX5opOzL/AJNK7eiLcdCIKcYTOevNMYYHHektDP5EDkAFj34/Kmxw7trs
PkDZPqabdtWwhF82pZd97v0Hpu/Sh2Udhk9xXI9z0owstCQA4z/M0OVAJzjt
zV85Fh3h0H+0L+U/dyoz74roEXIGOPxrVWsc8n7w7n1/PmlUDqc/Q09SdxAp
69x3NB6dcUXAOQOfw4pyjnqKGIUgFeFIwfSk7/exRcBQDkjjP51Bey+VYzOQ
eF4Jo3GcrYqhtsOcNtJHfHPWt/QoBb2wJK5xgc1OqaNm1ys1OcccUu44+aml
qYvQM4HHNISSM9KbSQlcz79iFbHXHSuek7kcnPT3rGpax1YdLmuKRukjj/iL
ZH5c1Z6EDd0/Ws7yauzV/EAGZf8Aa3Y+taDJtUMOGx1NJtpXFJXdiG5m8i12
Bsu3Aqrp1uJZvObJVRjB9aIWlq0ZyulZGkcgZ9DzUbknknnpyanQvRIAMMVO
eDyc9KkAxkE1TutSb3RR0ldy3EoLMJZcjcegAxWoncD9a6o6RRhNrmZIeBwc
HrS+/GPrRqnqZgACSQeSadjPXGKLsGx6Y6k4z1yaepwcjke1MPUlUgdMGpFP
qfrTG12JVOF4HSlZI5lKuqkevel6jWhQutPZeYentVNgVchlwRzj2pJWG7NB
g5OemOvpT16DdSskSgx3+8AemOKF685FNdxWFJy33SKkReeFwfpRoBMvC8Zq
C5yWAGMDv/j7VM/hZcLABkg4yR2qdo43AZl5HQ1yrmkdK0IwoGRjmo+RnBxj

ripaaRdtSNiEByenemQfvJfP5BzwP/rU46yRFR2TNFVAjGO/PPSgkAHAx/Ou
7VHMJt2inKjMuQefY4pNi9QBxkk5PfNZ07b5iD2/H8qzqySiaUldkJGF4XjH
0zQuOOGINcnLfVHV5AyjsdtEQAdSyscGmm9mO5hKVAO/Jbtx1qQIAwEjDcOc
djXfytHnt3ZGR8wKnG4mmsdvyqM5xkilfuhrZ2EBxk55HSnBzxhmIPr1o63E
m2tRRcOBzThPk8qMfrVySSHcTz+CAGDHBAzTw8bMc9SfSo0SKUWyVZlMWxmA
Ycgg81PstZvu4jLfeZT3qoyTRhUUnsV/KZSqSuAxztIPBFN+ztFPFOi/vI2z
n0/yKWlzWPRnUFskEHg9jwaP4gSCB69aVuw7l2yc7CMgj+lWZB+7wpP4nNCQ
pMgIO3jAHof500gkjvTJD+LA/lSFSD2oQ9wOSxP5ik4yB0HaiwgI+bvikJzw
oOe+aLjsLggfeyKa2MjjH1peYC5AwTkj600nkEUegIHPXjPoe1RtyPr3osIT
qOePpRzt+U4PqTSd7jQgJ2+3pTjjAOOD61VgI2I55/8A100EdD+Yo2Q/QacE
nJpuTnHT6dKNyboTHYjNMOecdfagNVsCZYhQcL3PSr/2aOK2NwDkAZzS1C6K
7uSw56+2KYT1JyTmmrXHoNY89RSZ7gkGgGMOM4GB744pcfKc4GOvPNGgdAzz
ycigEYOaYaCYA9hx1prcqeSD/OlYBrEk84qpfDNvgYwfTp1p8qJ1tdlHGB93
kGmSkjGe3QUehGl7gVPzAgDByAKjYEMD8wPtT6Bo9wKsyYPG7vSbfmGD+dF3
Ylwsrojux/oc23JXy+Mnqa0rNs2Nt0GF60SaaszSD01NeyObZgvI7nFSYwOv
XqR2qEtC2NbAHXj1NIQM+315ppa6E2XUbgg46+w6fWsiV21K8EcefJj644DH
0p+Y9LF+5eK1g8vauByAe/1FZBiSKD7Q+I7dn+UA9TnnFSvUadixa2klzd/a
rxQsSgCONRj8TWswye2PQU21zXHurCDBHIz9KCFdWBGVPWpabQjOltntmLQf
vYO6Ht7iiGbYhaM74eh9RTWisx3vqXFdSEZGzkZUqeKgugHi2E4yaHoLQprG
salEUAA8e9Eibo8Hknrn0qk7HP8AFK/YyLq3e0kLbiUY7ue1bF9q4uNCt1kQ
vdQOPLducr3FNGvvW0YK29A6kfMM/SmPy3HA6AUWaMvVkLRD5vMB2jHTrTgQ
FIHQcewrCcm1qdtGnZXREXy24A47CnopJwByelYSetzt8iySNoAOQOtQMS3O
cAHjNRDV8zIbZc8OD9zcOoyGk5zW6B8oruimlc5Kq95jyScZHNIWAHQn2qjM
QtyfX9KMjGf5UWAdkduDRjOcHH06Uuog5AGSaXOR2/CqBalS9u0s4/MkUk9u
M1hahrEs1m9rJEYmkGNxHH0+tTo9GFpdChbs6mOMDOSE+lb+nWrtr95cMzCC
JVjjXPy5xyaW0katNR1L15qVpZ4E0wBPYcn61DHrunMBm5C/7wxWig3sZ6pX
LCanYumUuosDtmpRcwsw2yxn/gQNS4u+pF7mbqMq+W3zr6daxBtYg57c89ax
nbc7cP1JYgPtKZILIOfXBqwFBHOenXPNQ9jSUve0FgXzLlRj3xWrIEAZmII/
Ks2rJWYSlroc00rXt0Viyd33foO5roERIYREhHA4YdzWk1ZLuZSj7xE+Wb72
MD160+0i8yflS+3kr/WpgubRhOfLHQuTRxNztCA9M9qq3SeVbySKflVc81vK
LsYRbK2jxmPSogQTv5Psc5rQU4XHHvmrjtqElZjguEbB6/nSlhwO9OTuK1g9
snJ9acpGOTyP1qUhD4/Q1IBg4J6d6Gugh/06VKGGeR+NG41oSZ+Xg8U5euRj
A6nNPcRKrAZxx9KSS2jnBDAZPfGMUrDuZ1xYSQ5OCQOhNU8ckHPBqdmX0F79
DzTv4ssuPXB61bdiG76Crxz1HapEzjk8jGaXXUVicbcHOM9ziqjHLFuNueAO
1Y1G7GtO1xwyD1x9BUiMMFSfpWUXY6XsDEDOOoqJgeSp5pOzeoX0Kk7ZIiX7
zcf/AF6uxIMgAcDvitqUVdmVV6WLYBAyASKCAeSAK3aZhdiMRjPemj0Gc/Si
11qFxZXVYenTJ9ayWyVLHGQen1rCq2kdFJD0+dTk5qI5X7v8650+V3No9mKS
cfMAQeOBzSxf65cjvzTWuoMw/stwf4M49DSta3ZJcxs6tyCK701G6ORakWxl
/wBYjBsdhwKY7KVJBBPr61DeqG4tbjd3IPbv9KcBlg4Bz0x61T02MuYAdxBw
VHrSRvhm3A9eD1zS02BPUCcN0/XpSjKyEtzximl2CTb1AMAQcc5wc9aM4GFb
J7VO3Qpaq7FDOChDEhRxz0qT7VKqElzn/a5FaeSFomdPZus1rFJkkMOc9Qel
WSoI5PA9KhjdkyezZVmGTu7AHgVedckgcY7Z4oSsSyuf4uOO+O1MOO54piFP
GODj3pp5X5TRcaE2+w565HWnHGAMUvMBuM8Hij5ccHGOpo6DTAHA45pDk9cD
1p27iDIznH6U08Z4qV3B3EPKj09aRgxzlfpzVbBuNJwvIpOV5GQw9OtO1tR3
tsCjGcd+eaCeMc/WluLqNHA5BAphAJBxyO/ehaBuRg7WIAo3YP40ILkNxcxw
IXldVUdSxxipYVB+fOcjpR5AiYqCMelSkBrF1LYH14poWxTJO4Y6U7OVyKh3
5tR6W0GEFuMgfjSrjOCBgj8avdaDbXUaRwMevelbGTxz3wOtJLuCEXC8Y/Wj
seu6n1EBPyjJGcc0088n8hSYXRGDz179MVWnUNGwzkZpiZUxtB7juDUbLuyC

OexpmegjHBOTnGB+dPYYBJ7099A1uMKjb93jvTXBzvReh596dlfVkRTYyePf
azLjjbwParWmMDplvk87O9Z1L2NY2WhrWA2xPyBjAx6/Spm9eePelG71LtYb
nB55o6H9aewtHuUtSuPJtdq/6yX5B7e9VIZItNsAzfN2UDkk1QulypJMzxrN
eHn+73PtVyysmnf7ReDAGPKi7KPXHqaiSVzTldrmpuO7BPGMCgjbhQBmhtXs
JCA4Ppnpn0pATkZOT2p2uAhY49/pVGe1dWM1iVVzw6fwtU3tsJWZBHINrSWi
nCgboT1H0qSWYMgKnrz9K0VmTP3Rmcrkn8qfyuDkHcOo54qWtdjFNMhnhW4h
KN375rPtYTumtJfm2knPtVp20saX00Ltq+bMMTnkj8aR3ydxwQevb8ql3WoW
5tERAtwD6d6bgYGSR7elck5uZ6cI8kEORecnk1PGNvDDkDOc1m7t2LT0Yx3O
GCYz344zUMpPzHOCR0qlanLUOU1PDX/IMLn70jk/UZrdTkDkdK61tqcFV3mx
eM8cU04AGKa3IA4xwT9KU/KPXPWmAcEHPX1pMAZ+bjPrRtsIUAjp/jQB7Z+l
O4DZYlmheJjuBHI71zXiN+YoZMF1A46Hr3rKW5cHZi+GLf7dr9tE33N+9sj0
HWq1zqt01xexWjBFaZhkDJPOKIP944m8r+yuzO+yymAyyAgt94s3OfSqzxnZ
nHGM4PeuhLsc3MrWuMMYBwPvcYqQNhN4LY6ZHXFJ36ismOeSRk4kOV9T/OpI
ZmWUFicd896lq6skac1rWNeyYTrJMmCAQpbuPapSzB+vHQ4/nXKo8ujOhTTe
hNZu/nMYwWdRx7im31y7fu84Lfe9hWUvd0KXvMTT7YLD9pb5XkHy/Sr0DZXB
I3A85rWXvWsiU97jnXOcDJFbWhIFtHMkakyEFeOo9adJe87mdb4C5LbQyH5o
8ehrE1+yW30iaVZThiF2555NdD0OeMtSvAvlw4z0HFSjLKMjg+3NF7ajbJMc
qCVIPcdMUckdM47DrStcd2w6dD0/WlAyQSOR74obsHQlUEEEfjUiH3x6+9Cd
xJtK5IDkEDFSIee340WFe4oJDZHH61ICdoyM560D23HqT1A4qQEhcf0paXH6
D1YAYbJHfJqOazjmBMRw3oabC9jKuLaWAkOpYD0qDnoMnPqOlJoctdSaK2mY
cDaPfNSmFo8K1KzQnYJchDmqy5Byw+Wsqt9LGtJX3BHGWGc+1BwB0yx9DXPz
WdjdK+hIrgjHG7uDUbtgHcM05eQKL2K1qnmTySt0Xhfr3rTgU53OOf0FdNK3
Lc56rvKxNgHqeaZyMjv61te5mIV55I/CjHHzGnpYkjuGAXb29qpMvmAjGPeu
StqzqpJ2IhhZFVeAfy/GnyIHU8kH2rHqbdQXaVywGaa5K4C9SRj3pxdtwb6G
Xp7tJaRvnOTtJzyKvwTjARtyk8AEfpmuyVp6HP8AA9iOUqWAbr9OKyn0pJHL
KW5JJGalJlOUZFVNPkiutju3k5y5J/lUuoW0jXcjWOUtmxgOeVNW72uc905W
RC0N5GMkZA7g03TjJczGMx7QOAxXihe8acq7l1rdwN2VJBps0Eirg8nd+WKX
KokOw1Y2JzsOCeAKiDlWOeGXjAHT3q/UkARu4YEA546UkhDH5SAD1B/lTirs
pqyudLoMvm6aFbqjkdO3UVo5GMA8etRblG7XJYW2yLyOtaZ2kAHLD6/qaepm
yFx6qT6VGQQo7fhTQCMeOnSmk8ZAz680MYueM4/Cggc4yPpUq4aCZw3H/wCu
lZeex/lT2DyGk4XkjJ7jpQMDqcfXmn0AQ/e4pj8NzSdwBiBjkZI9aQ5HJ4oG
gA6cf4mmk7WyBwevNMTaDq2eo9qQ/XpS1DQYGGQQPz6U04yRn6EGgRESQ2R0
9KpXV6lsCerngL15qkh7uyOU8QSz3EKyO37oZJHYmu6tX820hfqSgJNZuV5W
ZpJWiTDd6dfTjNTRjKsCOMfl70/Qyd2jPOS557DmnKcjI4FU+476CHg9R9aX
r6f1NK+hKBsAYH3R0pN3Qd/r0oUWVdIOh/rSZPOefT2oW4N6DcZHPXvTScHa
Mn39KaVySMcfL3qOZQQOSMdcdKCt0VejEHGKaNpb7p9Oaq3Uw06jQvBA5weP
alZCVBB9/wD9dHMirA6l1KrxxjntSlVB6cj071OrGtVboMePKkHGSOMf1pmm
kf2dEADgZwfXmh3vqVG1jasciNvYVLnj6+tJLzKb1EA57FqQjJx2/nStqSzF
vLmNtXMbncsKhh6Z/wAapIrhhLcc8ny0Hc//AFqt6I0gk1qadnYlnF1dqN/W
NP7taOeT61mt7hN9BVJ6d/egsTyadk2ZobvPXPtTM/NnofWgpsXI29iRTM4A
9OnTpTtpYL3KdzbmWUS252zKDyOjfWqbnzCGVSk6E70PRvT8KmMbbsJWktQj
uQW2yfKwHIPrU6sCBzgnsO9a8nUwT3FIwO3HvWe8qvenyRlsbeO9Gu6KilfU
sqSkIUHI5PHr3qJiMYXtx7YrKrNLQ66FPW4r4OM8+hHemxqZGUD9e31rkk5d
DsVrFoRhTjPTr7UxiNrbcgtzj3pQbbFsyJ2RS2eB7VRnmG1t3QjjnFbJcz1E
n5nR+GwU0C13Lyy56Vrx4Ce3pXQjhlrJsd7kUgG0ctzQQDdhwfU0gIAo1sPY
eOnJ/M03gk4H4015C0Ag4wT+NOHH4d/SkPYxNc1r7FiO3CmZgSD/AHaxDaXN
zpo1m482SKRwolxwTnGPz4p2VmNWT1Oj8CxiW9v74HYlvbjJ7bvm/WuatJlB
8xiN/U7fxrOh71Rs6qySpW9CuCZ7yREOUTk5qyPKeIowCtjnNdkepxOCj7xU

mRWA2sgI9euKr42MSpBGcj2pOLuLmuSFN5zIoBI6GmGNjypySR+HsKltrRD3
ZNZ3MluzqqsFZtzL71rrLuXzMcHg561zVYWd2dFGWpbtJBbwSz9VFUIybu4E
kikByC5HOBj/ADzWai5SNZTWpssFwBwQOgHaoJSeRjB7c4zUtuDuOOqG+e5Q
g59eO9dfpcRj06NW5JAJDc4P9K3pq+rMK+yRbI5PU/0rE8TEG3t7fj55AT3z
jmrlsYRumUlBwcHmngbse/4UmitRWzxjgehpSShBGKaYaDsqRknApcY7Hr3p
WvuBJk9uR6VIoBwCPxpWQ+hIuAQccdvenkdODTegkPXnk8CnhOc54qVuPW1h
ygg9vbmnryeR+FVuSSqBgk9e4p2PfB7Ci3UY6M+YNkqjHemG2s4nLRxcnqSa
AuBcICUC8etZkjGSZnLdfekHQrXkpRCB82O1VQskjDcxAx2PWuao76HRSVlc
sKiqu1Qv+FJ5gVeRk/nWSv2NCIOxcPyvHeku5NsGV5LdOapaqzKvZk0KbI1j
HXqcjnNaEQwoB7jrXZGKUbI45vmlccMDrz9KaQoPI59adrEruIFAPPQU9R8m
c5I7CnYb3KN0xLcYP0qHtznHvXJVtzHVC3LoRNEE43HHbJpqOQ5Vuo/WoXY0
3QdwQc9O1OhPmXagdVx16c1O7uSznNBlOZbdunBUk/571tRtslXI68fSuzda
GHM76j5lGTxzWddW++RSsskansDWSbiaWTK5s5VLtHcNknJDcnNSK12iFd6M
SeAVq/atq1jNRjck23bqQZUXjsvSsl7q5ttYiikn3R5wwHHBqueT0RXJC97G
+yAM4Xscj6Uj8qG2jnsR196nm7hFJ6EcgUSxSMPkQHNV1ZZAWfDA9CBnNaJ3
IceWehNbxoqASRrn6VDdW8bQSCJArgbhgcZFS1JMqVrXHeD7szxzxytiThhz
XRoSVwOefWrt3JnGz0JFbDZPNaiEmJcHr2xQZ20GMPm4BA96jw4JIJA7c0yU
NJJUE4/CmgDrkA+hoATjJAzjvThnp0zS2GtRMcdKXgD73PtQ/IGMB6jj8qXo
g5yfrg0CGjliQce5prdRznHvTBbjf4fekP3gTkHHekPqKAQOSR6DNISCoOM/
Whu4aDdxGM4H0pD1NGtwewwkccc46etRyuBn5to/Kn1C+hh3urHe0cIwem4e
tZySI8od8nJ5JpT0ZVNrdkWrt9psWjjAGBkD1Oa6jRGLaPbFjyowaNLWRpLm
5Xc0sEjGTipYgASCT05oSMtbFI4MrZ7du9AGTjsO9Np3J0Q0gDOeafnHQkse
tK/cZHnauCMkn06UgwDx070xASQ5HGAPWgnt0o8xDSeefypC2Gx07+2KSWpQ
gPJ6ZNQyHAbkH1zTcboluxXZQRkkZNJjAGarZWMndu40EBuOv8qGAVPlOWPX
0xTtysfNcUZI4yO/FNxgjsPcUra6IG2o2EdRtIJ/xqDShu06MMOjMoGeetS+
5pFG1p7fJISeDjn+lTZOfapKe4nU8dfaqt3dpbocHMp6A01oLcxJUyTJKMOz
ZCnqxrUtLUiQzXWC5Hyr2FOWuhSdlcuKSUBPTHSjPOBj60r2IXcA3GetGSWw
O35Ura3HdJDQflycZoPJBOB346USVlcaEZd3Hftik2kAZ+alF6A1oMYZXIH4
etU9RjaSNdrlHHpSXZhbqZzGVeZoRKPUGo2Z1b5ElVgDx7/WqU9bGfKhVW6k
I8xiE9BUyRLFHtAGOhOeate6uZg1zaIRnLAMxAA4470q8KF9TndXNNqTPSpx
cERkbnPBC5455FXY0C5JAwfQVk/dsaW1EkO0FQeexNV23Acn35p6dELVlecy
PkdQOM1VuI1EDu7YbtnmtYWb0RE2dfpXyaXbqQcBemelXR04OSa3tY4W7sfn
k8cUHB5JJHpQxIQ59Tj60ZDHGQeecUgHfdySePrVb7XF9ojgiDTXEjhEjjGS
WPQVWr2GjZPhzXRH5l/Jp+kw8/PdXIJPvxx+tY+rr4ds9NuMeI59TvwPkjtU
Aj3eme/50uWXUIyTlZanFBZQPN8goN33nGR1qxBqt9/YEmjGUixjnEix46Nn
PHtVOUIppD9m29eh1vh5UsPg94h1E48y5/dxnHfdtGPfJrzy2Eht4kTkr3I5
69DXn4GVpzX9bs9LFr90l5/oa2n27QpKzj95JkD5e2O38qqG3u2b91GxOPQ5
+ld/Ok3qc+IppUopF2Dw5fXBzLiNT3Jwa1R4ctLeMtI7SSYHfpS5nuciS2Mi
7swbnbGScZx3p407BGJDyOnauaTkpbnSkmkgjt1hlwD8x5yassNoOBxj86rm
T0Brl1M65u1ISHDFc/MFPBrXtJRbae1tAVaS5IJPpj0raHuts56suZJIsjPf
Bx07UFUc5xtP96sJvmdrHRFWSI2jdWJTGSe/QV1lveottEJYpUOOpHH1rWFu
hjVTdiylxDL/AKuZcnoCetYOut5utQR5yIkJ49aqXuoyjZvciyMY5H1pyklQ
x4H0p9LlXew5SM0uCRnoOxpdLkpai46U5Tubmgb02JQB2xmpFP8AexSewEgO
V6ce9OBycE/0FFmVfSw9eOnFOXOecDsMDjFUhMkBBxnkU4DHUH2NJsCRcg4y
PoTUnXOSMe9K4MkiG0FiuT6HpUbE5OTz9aTDoVbmQLEefoaoDHX9aNtBalWR
g0uDkj1oClQcHA9+orCbSkdVPaw45zng/SkAAOT1PpWe7saCMecgce5qpExl
1IKc7EGeegNXpdIT2uacQy4J5PsKtYyOCRXXscfUXaecZyeuaUnkADp60AHX
60HAHQ/hQGpnTMHl2jIx7U0E8jPSuOpa51Q2GsuVx1A9KgmUAfLkN6nkVm7I

130HKytGNv3cUyIsnK5B7GtopdSHvY5hM2uvLE/yxsxGe2COv510J4G4r1PG
Olb7xRnKyJclkz2qpPnAwBwax1vY1ik0O2AxkkDFQKCUJJ+bJx6UtYrYWhOh
wcHv6Vg6/DsKTry27GPSlCQpaWsbUEnnWcEqn7y5PvUqkMOfStVZLYOZNiSq
BCwI3EjgH1rI0J/N05hIfmDsPoc0+ZtaE/aLqOUdQSSN3ftVjIaTaeBT5nyi
cTL0a7Ya/wCS8aIOcBRjIxXWZ2ncTnNXvuRKPKkPU4xgY/HmtS2IMWCWyP1p
WI6CyMTj29qgIGCSRQ9CPMTpkED2xTe2ScUbMFqKoJXkY+tKMHGck4wKq4WA
YBIyc9uKRSDQAmfQd/SmlsAcjPSpGxoY9STgUjEYzyPamtQY3KkHHajkLwOn
f0p27iuNCnnuTSE4I54/nS20DcM5z9f0oY4HDfrSsD8yjd3kVshLkFsccVz9
xqElxIQD8nbH+elaJWiQ9dehX3nkEYJpuFyAXwAf1rP/ABI3VnsKUGdq5B/l
XQaA4+wbFIO08ccEUrK+g3dXubAPGGGD6VNH7dBV+SMvMpyDbK3J/wDr0YG0
MOp6+1ADDgccj6ClOMDB+vFJ6MpK40jnIz9BSdSBjFOxL2A4BOOB06daQAMM
H/69L1C6GAjn0FIeG5B/KmrgNIznj/GoiTlvlG3tu5/yaEKWxGyBiPmGM5x3
pj4+g/lVIzYxCU29MUFcBenpSbtqPlQFBjcM5A+lHUAnk1V20DV9AK5xk47k
npVTTcrauoPCyN/OpabHF79zd04gI4Ht26VKw68ipStsW2Ubu7WFdqHc4H5V
SVvJYXN0N0mdyIT1NNBezLNpG8tzJd3Z3TtyBj5VHtVxumTn3xSV29RCqeRu
xj0pue3XHWqsDdhDkYx070gHckgdqV1Ydhc84PTtTeW7YOKWqGmr6A2ccD39
KGIxwcjrxSuBGWwNtVpxgjHSmhXsiuOoAHuaVs8ADHOaq1tTO6a0GHqcHnrU
L5cYHBzke/vUVGoxuzejFuXkMIx90HaeBxzikYNjAbIxzzXKnpdHo7qxZijC
lWZSZMY57VMxA69D+lZWknqTfoQZzJuc/iOwqAnccfwiqXVIrqNK4G4ngVm3
7iS2k2ZRR0wPet6SkldmFZo7m3AWzgHTCjrUynB6/wCBro6HEODZJGOTQx5F
GwIMjoO9Vru+gs1HmvuZvuog+Y0WFfUoTHV7yPfGqQxtxs3fN+NLFpVyCGNz
5WD8vl/eHvn1q4vl2G0izJpMU0hkvZp7lz3mkL4+mTVqGztYkxHboijoCOai
7ZV/ILxI2spRIN0YXOMd64UsI9PV9hZmYtkHqAf50rdTWHY9A18fYPg7o+mx
L5kl9cbpAoywAcuSAPoK4+2tXsix8p9rsTll964sI1yc5315JcvqzZsS5BIj
XbwdpGMVuEKrZUDHYgV2pJ6nFXld3Bs4JNUr04UDnnoKOpzrTYxY4v3skjfx
HgdqWRvLT17AVzSd7nbHa6Kao/mM0nbgipJSH0qSeJuARgHv71UVZaEyehgy
ny1G05L/AKAVd0sst5FIW6Icc5IrqXw2Zx8y5ro6WG8gYYkIQ46mnRtDISEP
TuDXO4N62NlUY5rfJOGOOoNH2q8gkCrIwXGcdR9BSjJxY+VTLMWplnAurdGB
PJHBrPtJhdX95cqNqFwig9cAVruzPl5bl8EDOTx2pw6denrVE37i4woGOTml
5JwSMUk31HYXAYehzjinjGMDj69aAJAMEc1KBjr+lLYXQcoXGefw609DxnrR
q9haEmcDjH5U9eo7/SmtNxjgB1ByKcMDj/69AImXbgZ6VKAcc8j3oYhW+WPC
nb+FREDHB49M1Nu4yjfOBtUEZ71ULcZPX6cUDKTDLkHr2AqaNtwwxO4eveue
SudEe4rN6/himAgE5OB79BUWaNEJK22I57flUVgh2vIVGXPeqp/HYiekTTgX
gc/XHWrB4HGNtdbZyiD73X9Kdjqcg07AN7/yol+7z0IoQ7mYwGWxzn3poG7k
dPrXHPV2OuOwuDtODzTHQMOOTUvlLTsQSfIBzweCKndFJXB4o2egt2cz4iha
NkuUyX7j15rXtJPNtVZTwy9ccV0LbUxlHzJ0+ZcHOQcfhUMoCgjrx1AqFvZl
rUEG5D8wwOoqqxwcfn2p2u9wWjJIjj5iQMcDFU9YiLwHAyAQelRdXHYb4dl8
zSvLY5MR4Psa0lzuJG38a1d7aCcUAbbgscnPXGOKxdKIh1e8tTjafmUHvxU2
7DUUaDAb92OCOPwp5c7snnjOaPJiS1Mi9DWviGCUjYrYYH68Gu1PJwfvevat
E9bGdTRXFDcjselaFg42YwKq92YdCZ+p6mq7fKd2cjOKomw0jJGOaFbK8jHp
xQ3dj2D5iBluT05pwIxjdyDS3ACfmOB+NN+62TwKYDW69xQQOCcZ71L8gQw4
zijbjA/TtQO3caeBwfzpGIwMf4UXdgVhu4nO7p7UhIHC8/Q0/QBhbAye1ZV/
qgicxwhmbHXHAqlfcUtdDAeeSaUtJkt1x1poKnJz1/zigq1kGSVXv70YDAAc
mkxK6G54U7sDOBx2re8NcwzxnHDDv2oklzXKjqnc3Uwvyk/pnFTR/hn2ovdk
7EMw/e8GmDrg8epo2BLS4xgTnFCgbQQeD0ptroJAeVHPOabjHP6UugWGsctn
7v0puGBPTGevSjTqFmNxjIyODR0HU/WndsfQY2OTyT2GOKYx4wTxSVrib0IS
ccbuPekOMZOc+nrTSs9DPfcjXIjZWA3dOKXpkDn61dkSu7BRlAM0hPBUdM4J
FT5FvVaEgbav3uelUrD93HK3OBKRjrU7FJPZGvphYeZjkkc+tRXl0I8LE2XP

HHQUdbjsUfLKP84LyE/Kvp70lzCUngEpDzONzA9B9KHZqw07M1LcbYtuOe/r
UhGOM4z61PXUVrbCEdecH2pNw+6TimrvcVhF5OQcDOeuaOOaGkNbCDnAzkfX
pQz9MZyaHFME2hpJ5OOaUrj6dDSTS0HqxjZI6/LVec5YAfhSVrk6JFVeijGO
ec0ryAksB8vAGK0a0Jjd7EUj4G1fvd6i/hDA5x0xXJVd3ZnfRi4xuxu85B6E
d6liVRy3U+lT8KaNrJaljeOrCoSxMvPTFYqUoN3eg7O5HkHOM4+lKi4znjir
5ltYbTKN1OCWjBwv86o8uY4m+bc4X35NdsFaNmcVV3lY777pUD+EYHFPDAgA
DIqrGGqHBu2eaUEE8AZ70mh8xT1K9FrBhXXzXOFUnAB9araJbAh7yY+dOWIB
bnGPSq20F7qRrbvf6UbunAyaVtQ2HZOfT1zS5A5I6dKTHsUNal8rSp2HBYYG
K4+ZAbeO3UEttCjA5OTWdWVoM1oxbkrdz1jxEqQHT7NQB9ngzgdcnH9KxJx5
kRGST1HFRRjaGhVd3mVUIlui8QHzAbgOMVf579BW/WxE2nFAWwOOlZ2oN8oI
+979veh6ER7IzgcA84A9aqK/mkMRwPuj+tcqtds7UnbQJvmhJHB5z/jWXI7C
NYQx2A/N9K0ptXFUj7upEtzby3MrSqQSAFHYVIkvkjdGVyeABxXW0mlqeXyv
muy/aO1xGzSD5kxgHuamTcFLAkYGePX0qb22LevUsx3kqlBuLL6Gp31DKqfL
G4H1qZQT1NIOw9ruExNISOASAfWotEQjTI2YYZ/mP481MYtLUtyvE0FyTz+B
p4yCQeAetCMx3QgHOPegL8vXHtQ3YY4DnA5+vapFB2kNzjqeuaYbkgBxxyfy
qRSTxgZ/nRsCQ4Aj3NSgDoP5c0vNBa4KSMdfw5qVSSOpFNgOGc9Saeo+lK+o
7lgdOMAY70/HTLUWAWU5AVWB+lVz1OKXkFjJuHMlwc9uOKhc4GCQB7009AS1
Kbu4YhD8+eop3mOuCy9ep61DTNObWzJTKjL1xQCGB5B+tRboaKSK1426MpnB
JGP61dQARqBwcelOCs7kVHdF6EADI9PzqXJz/wDWzWxh0F9QR+QpvHbmi4wG
QT0P1qG8lMcDEdR2oZSSuZsLeZhumec9MVo6fZLdP+8YqoHUda4ruU7XOido
q5Yl0SQc284bvhv5VRmtprdsXChc9K0dO2ooVE9ChKubhgGO0fpT4WYcE9Dx
xWdr7miMjV4/O0yTbywwRj071F4dnEll5fURnC564rpgn1Ima23D5BOPSmsO
eo57HvWUl71x09irkoW/vd6Y4V8ZPFVLQFuABZs44z0xUtxGJbZgSM7ec9qV
mmht2iYnh4mDUZbdsgbdq57kVuNgDIHfFabkOV7MJeQAccHmsO//ANG1y1uO
FEgK7h06VMX9lDeprOuOQPlHQ+tSWsYkypGee3YVLi3qgjKz1KXi6ACO3mQ7
jCccfSt2xm86wgk9VGfrVRV5WMpfDcsAHAyfl/rV+wk2scKvtWtuhmnoW2ye
M7fYCq0mATg5PbFXYjqM4J4P5DrSk4PH+FTZIbd9BdwByuQfzoBAU8D60LVD
v0E78HNMPLDqD7dKL3RNrMGb5TkdPQU3t6kfrUtdShCQBk/jkU1sEe31qthr
YYSdvbd3pHGCCSMUPViTAkkcYzjgYqGWVY0LMQMepppIGYl9fPOGjjOxDxuz
yRVIvtVWY9ev1oWmgdNRV/eD7uOx9/eoZrJCfkchvrSlFtlqdlaxWe0ZQQJs
L0NIIbndjzEyAeccmtuRct2YubeogjuQi70BU+lbHhe4zcXUbDBwOKyk+xrD
VNnTKQ2O/HapI+CMjA/QUPzI3GTj96OM9xTP4Tx+VFgGFRSYPemO1kBPOeCO
/tTST9ec9OaVru4PYb1Ujv1HNIh4Oc49PemK7sNAyev6U1htAA7elS2Ow0HJ
yeuOlMJB4oWjFIaw+UKqkdevr/hTGUkDHTvnirWmxnurDWUZAz35NIcKMe9D
d9BbCEHPJ+X6dKNq5JGfrjmnqCWgoK9SMEjnHT61VtG2tcrkf6z+lS1fUtO7
J4bhwpgtuZGIVWAyc+1D2sltdBJVzcsA23qR7n3oj8JbWpct4PJJeQ75H7jt
9Kz5XMusSFvvKAuD696nle5DeqNUDaemaCCWI4JzS6l2EPscAGmg4OetMW24
D7vAHoO1HGBu45oaAa7LHGZHPyL1OOlYUniIK5K2+Y16H2ouw8jbifzYElA+
VxlaXIKZPX6/zotfYNVoNZvl5OarXJyMZw3U54xT5WhXTKxxgYOO9Rs+1Ccg
DvmlN6ajglKSRGTgnp+VLkN04XocfrXLNJ6npRu1Yi3qJcDGe/tUsbfNk5x6
UnHS47dxWYE5J6HpSY3dCOetK9hW7koXEbYAJxwTziqV3cqFCpwemMdKqn77
02FOSjqzNZvk9T9efpT7WLzNQtYznLTA5HtzXa7Kx5/M5s7snLEkc59MUqnO
cdf9qkxIUlY1LP8AKqjOfSuR1bXp55zFav5cA7j7zH/ChAYsju6kM5LA5Bzm
rFpqV5a8RyMBnpnjNUybXNFfE12VxsHHtUkGtXk8gLSFAR0Ud6SROrZpW+oX
TsEFwhbusg21oQ353COdCh+ny/nR7r0Ls7FDxXKPsUManiRuvXNZumwfafEe
n26cyPMFYf7IGTWM7ckkdNFLmR6F4glM+u3Bwo27UIXtgVQ3bckH8+1TT+BI
zqS95iKFQkqignqR3pc89xmtUzPcTIPpzWXft82D9OKHazHG9zMuJAyCMMd5
PamoAqgAAkc4PNcySijuRBJ9zZu2k5yT6UKkcGjTX1whAfKQKerk9/pW8F1s

Y1pt+6c9CuQFY5ZuCferS2sjSbY8h0bBB5x61rZHK/M27WDyodoJJ7nuTT8f
KcdcdPemZX1sMzgtzwD0oyHIOfbHpU3sXaTRV1FfLsQoOd5C5/ixn+tdFbx+
VCsW7IQAAjpRddCrNFgg44I57U4ErkN6ccUuhQ7PGeOgzgU7jdwBikx27Chc
dCefWnqOckge1FySRckkfp0qRfcU7XGnYkGcjI59DT8kj0PpStcV3YevPU8U
8DjAFK7Q2OXIz6Zp69cenr3oAnXr0HtUygZ5/SgERSkZP9etQyMAjNjoPSly
juYobcc88nJ9RV2xhEqSO8SyKDjnk1SRLdtSWSytGP8AqzEfyxUB09Mt9nus
g9mHBNHLdhz20ZDJp8+cNErHvsOTVWWARcsrKQO9Ry63LUkZQ8ybVwu4YX5j
kd+1bkOWYDk8de1UlZClK7LyAgYxx9KdnHbHtTJG5IY8Cl4x2zT03GOC/Ln0
/CszUZTlEB65/wD1VFR+67GlNXdirCCJdqkYb/PFdJp8PlWw3HJPJJ7VzUlq
XW0RYUsT95lH86w9RlEt2xLZC4GD2reexnSWtzPi2ujHPJPWmuGWQEEYHpXN
G19TsRVASRCjdCMVhaO/2fV3iJ+V+APwrohLUzmpNnRvuDZ7DrjmlbKjIPNK
VhQsVZFzgjkY703CqBQ3pqOWjEV2xjIPPIqaMhlODx2zRbsNaqzMSYG111XQ
/ICG5754xW3IRuAXpVq2pFtBm4CP5scdzWRr6FrKKQdYXB4oTvLQe0dS+JPP
tlkXA8xdyjoKmtpGif5SVLDk1M/hsNLUrawhm02ZRz0J9+at+GpvO0VQWBMZ
5Oe1F9TNr3Wa+SCdpP8AjViyb98pbjPp2q+hgjRkOQMGoWXPTpVbIkibAWky
cdRiqDZiDk5o3EcqBk9c0DFJ7Z+tJkEgdD6UkhiNkDmkG38O+O9DFcZz3GKQ
ewoY9xCM8gcn2ppICjnpSbuNFG5vlgB6s/YA9ax3nkkld5G4xlV7VaRL1KzE
uCCMORxk9KaSSMoew4IzxSeg1qSRuqdM/hSuVLkKDjrkn/PFNSb1JlIRkDDa
ecc8UGPqeoA/E0+Yjl7C7QpHOVxzjtTfD58vxBKuQFePOf0qZuyKpq0mjqwc
LnNSIx3YPf1Gan1LfkEwCyDBJ4zmog2c7ck96YdRTgAZ78dKbkgAZzjtS1uO
9xu3JpD0IHP19KObXQkTGcnrj2pgyB6UXvoHK9xORnHX6U1gdueD6YFCWo9R
hOM/w/0prnjNO2or3Iyx9znofSkJ4J6gfrT6kO72Fc45LAA0xugJ4xTW2omr
Ck9GzwBz70OwCcdanqNWSFVlB64BPJI/zxWWpfzplUHDMCGHU+wobs7Dgrmw
YE09YvIZZdROCsef9V7n3qaGB4nd5W3zyHLO3ND2sit9RLmYQW7yMcYGazdJ
i8wtKw6/Pnr1o6ieu5qZB68jPQdKTOSAPyA6UmihCxPbA75FNAHfvz+FGxN7
gAFXI5FOHOQSPb1phexDfHGm3HH8PSuNv7h4rN7TC+XJhs7ecj0NOPoJ2fU7
CzBGmWy5xlOucU8k8AfiDUItK4hzk9MdKq3IDY6g+tF9RPYrS/KCF+U1DwQQ
xBfFZVZ8ztE6qEOWPMMbLEqOP5U4KACWHHqfWsmmup076jigVAVALMOeO9Ic
BuDwoJGaNZWvuJJsaNzKu0fLxnj1qxEgUgAcdCT3pNatIHruQXdwEjZQee49
KyWYnluQRXRRh1OWvJN8oEbQCADx1xU+lRiTXbYA7lXnI78fzrc5rcuh2bMC
SRxz3pwGB7etK1hmZ4lujbaSEB+aZ9p9hXFt94scA+lCYMjX5lJIqRTyVJxW
i1I2Yq4DHPTvUisyHdnb7jrSdr2E9NjZ07WFZFt9ThWWPvJjla11/wBE2Ayf
aNPm6NnJUn0NZuNtUy720ZmapDJJdxQxOZUjb5ABk4//AF1q+FrZ7XxhZz3I
RUUPISfXbWdSDlGyO2hSbXP0Nqd2knmlOMu5brxTB2J6euelNWSscs9ZXFU5
5z09aPmIbnnHHtV6IkQsBzisi8kG/J42nNS4lQ1kZeS8rOSflbgA/hUjOEHB
wzcDjiue7krNHYtGQafaS6nfx2cf3jzKfQdzS+I5Y7y/ENsSLK2BjiHTnua6
XNRRj/EqGYkAn1GNI+BjIA+nNaGnJzK3J3Nk+uauLutTnmrNl3GWBPVu1N4w
WOcduORQ20tDNWb1IJQTuycHHT8ark7QGyflyaiN+p0WtHQYQ895bW55DMCc
e3NdUeM/kKp2uRYfxxgZOP1pwPIzU7MH5Cg8ZBx705Sc8AD2o6DHgEYx37Cp
FAIzzj+tJPQVrEqj5Rk89qcqkYB5NNMdiRfvdQTT6NSeo5ccCnAHsePrQwHD
ryOfapUXK5NCAnXIHXipUJCEjHSkxkBzknOPaql/JttiNx54pbjW5knIRmG3
OOPeuj02ExWcQGQSM1aVjOZczu+WRd34daiNrbnpGyk9weKYugx7Pj93NjHT
IqjfQ3ENu7BC4xx0NALc5vTY5BZebc/8fLk7gwxt57e1aVqp6jr2OKWjK6l4
A4GRg+xoOcHNJWKG4BPJyKdgdOxpu6EO+6pyTg/jWLfKzXOByAexxUT1VjSn
8RBaOJboJkYz8xNdauxowsUqP+OKiFgrN3GXUn2a1dy2Tj5fauVkcknlmdjU
1H3NKKumydF+UBueKXYcr6np7VzS3NkZX8QGeDnOKxNVX7PfidTjBBBH8q6o
/FZBPozpUcSxoykAn+E+lOHKgkZ7E06mmqISRGygMxGScflVaQ8ADr/nioe6
uNrTUax2jODT42IYE4xjGKlaO99ATRm69EyvFMMY5znv6Ee9akDCWzjdSSCO

/XNaJpE662ECDLK3UcdKhvoxNazRA4+TPvVc12U1pcpaFN5+koBgMhKgDtV5
MvgMcEHpSas7DumSNB5ysAN2R0PrWf4QnI+02xOcHK/SiMbmTvqdTu7j9RT4
ThiRk85xWvoY3NXIKjDKeKhYnP19OKejJehE5J//AFU3IzyMigAJyw+Xp3pT
056+lF1YENbjB/PFAYKeenWgBHYY9KYcg5HU9z2pbD6DcnB55z9aM4brj2pa
7AkNldQuVb/61Z9xcllATO4nHSi9hxjdmZI+1gScnPfpUTYBODjnt3pp3HOP
KytPuJL9QR27YoVSIsdx39armT0IStuM53ZzyDxU0RJB3dxx70o663B2JSny
YBx24pwBVRjr6VcUrGcuZbDdqySHJKY684plonkeJYQD99f0xSmzWlvc6jBG
Bnp2qRG56fpUbgtB9wPu4+nAqvllOeBnrxzTtcT0FIOMEDPWkHJ9j1/+tRYP
QD65wajJ2gLjgnqB0pW6j2DgenHp3pm4bs547DFMGrjSRk5IIzzikGMHB460
uV3BtEbHcx6HHrTHOBwRj09aqz2Juhp+8Rk5JycUZGefToKBXEKBgd2Pxpu5
ejNwalNslJ3ux5wcZOAOOaacKGJPbiqTuDTuU2ka5JWEZTHb+L2q5hdNfOFe
7KgBcZCj/Gh6M0S0uh+nBhdPJId8h6se5q6WwTjHHWle42rGLq87TXEdnEQd
3LEDg+1aUEItogvAOOaLW6kj8kA5OP5UE8jB6+lJajEAHI6jvTTjOSccdaNU
LzAtjkAfSnZzkZx9al67Alcrahg6XcHvsIArjtXQi0tXPQowB9atA72sjsbT
JsbckjiMDAFSD7o/Gkl3KshHwynHQdeaqzOEGTkD17g1K0iWkpOxSI8xjuOC
evuaicYOT2rmblc7lZadCaNPNZQOO9WGiBDA9Kh2i7jZDJkNsU/MRkn0FQuU
SM7iAFGapWa0eoN21JYEYgMxwp4x70XMwiT7xDY6DrRb3rGcrsxS0kj7jxuP
OabkjKfwqAc+ua7Y+7ocTbbuxWJB25Geme1XPD6/8T2JyOBEefQ9Kt2sRe+5
1xOX5Gfr2pVB4A5J9az0K1epyfi64ZtSjhzxEpyD05rD3ZQE8GqsSLGoJwxG
T1oHzYz0J496oGx27nkfU+tPU7mJxx+go5bBzCBhw2OP581f03UzZwzW0w3w
SAbQeqn2q90FrmvolyIdOlv3zKQ5CI3JxWpo1wNTmuHZAjW6g8fxZ6D61Daj
oejGtyxsjQLZH+eKUEdgKjqee9WKuPXH+FLyOP580tG7DuRSthGA61zupM5d
V678kkdqmb5UaU9ZIjiiAGBxnqaqXU37+R2OFjGAB1zWNJ80tTeTaTZ0Eanw
34aFwwA1TUflRh1VM85/A1yx+chQeRjkVc05S06GMPdi5FvRU8zXZtpz5cbY
/LrTtIIMLv8Aj16k1utEYyd9i+OU68g8UmCOMcU0Y3aGkdQQMMOuKieJJEKY
GCMH1NJ72RcZu1htpGja0W3HMcfH/wBb8q3+r/L/ABE5B7UW6MtO7H4DEHpj
pinH5QB37mo1uO/cEGDnp9O9KDjJxk1QaJXHjk+lTrnA9c80n5BcfgHPTHQ0
9SeR0prTcVyVMYx3pP4uB/8AXqRj1JY+n8qkxgigByr/AJFTpwOQc/Sh3uDQ
8MNoB4zUj4VBz9MUBe5CWxnJrM1GQl1QDGB+VT5gikMBkDZALAnvXT29xayA
LDcKxAxgnFbW0MnuWsH1/I5FIcMeRn6CkL0DAxyfxFUdTfy7fCPjPfPWkykY
E4LMqHHBycd6u2yEr2A9KV+hoT856DFJkjtn60AAOT1/Ol+8PanqIZM20cHj
09KwpZC8zuCQc8cVnUaS1Nqa1I4o0jYsq8tzn3okds7oyysD2PWsOZb3NXHo
yVL2WWAebMXUds96YpEkqvG25ccEc1N3J6gkoaFrOCOSSe+KUEKRjseoNRJL
YpbGTjB3dM8A1n60ga2U4JZDzx710WsU23uXdDkaXTog5y6Aqc/jV9TsLDjG
K1lrsY/a1E6dfxzVN1cSbTzzgVk1FI0Y0HAJz14pxwoyxABHYf0qbJqyBWId
Ui8yyYjkgcD3qr4duPNsCvBeM4/D0rRLSyRHV6mkSWz2Y/y9KDjB3cAcHHah
e7uUtjI0X9zf3lq5VQpyvYYPNay8SEH60na/kTo9USxMEIOcnv7isbTlFn4w
eAH5JYywHTBxVx11BLV2OsDfKOw96Rc7gBjHqOKpaHOlqa8Lb4gxweOlMcdc
daa0E1qQMB35A7etBHAxjFDF1GjGO340E4OML7kULYBQwxw2DTSSOvSkxp2G
E89c0g6cdqAQ3oc85/nUV1OkcLMccAnHenu9A1sZFtffb7czJ8qscYB4NOyx
Vxxkjg1LszZRtZFKYHHTPNRgna3yjaOcD0pQTSsE2r6jM4V+hUikCgwq4OTk
4Gegq0upk9SEEtk46jnPWp0O6QD2xT93QnVLUkdyiddvHfk09m25L/KAOcc0
3tdE6pjs4UZHX86qkldYtJOh3bQfXjpSlswV72Ot24Y4XNCEDHPzZ5zxRdWL
2JZseSMdagzgDP60INwYhk4pPQE/nQN3Q04Hv9KjOA3JIP6U9xDWz3+v1pOx
znPvR6C8xpxt6Dj17UYIUAY496Lpbhr0I8gE4zj19aY4GAR+VLzQO1wI28A0
iJkgbsn3NDeokjOW8MmqG2GANuOfXFSSIdwPLdzmplq9C4KwzLDOSeRye4p4
jkuNsa5Yk8Ad/c0466lNX0L8rw6XGsNttmvH4Lr0SsxF23jsXLsVGXPc56fh
Q2mrEao0bDPndOT70mqXot4ykQ3SuPlTPNKKewp3ItMsWt4xNcOHnc5J/u1o

OTvGByfxppe9dhraww4L4HI6/Wg4B+9+VNWB6CdTtJx9aaCB24/nRsCuJkBm
3cAdc/zFOx1GMehqWtdBrUivto065ZgOF9K4/WMf2XYDJJw3HcAYzVRtfUTO
stCRZw7sg7AeKlJJ+Yd+9DBNsYTgHJqjekNt9/Ss5JpXNaWskRYwq5wDnr60
sAL/ADMoYnHJrmcWdty0ibYyq4AH50yWTaDg89qnrYXUrA9WJ5HvzSfZy7q0
gGzpj3/wq9Iu456k0ziBPm9cD/6/pWO8rSzZfr3Aq6a15jnq1bKyIWYyfMBj
HYfzo5QKzEFunTiulW2OW7aEOSzK4GM55rS8MZbU52yCBGBz6807LqJu50yj
DnHU81Ko5XOc1Nm2O9kcJr0vm6vdE42hwAe/AqiQcAt9RVJ2B6sANrEMfl7k
UqcjjoKrclb2HdFJH457U9V3L6AnPI60+gmrO6EZdpIA9+RUf8HHORzmk22N
q6NXQnkFlMSQY4mBAPQmuj8Nrvtbi7yAZJNuPpUSNYxsm2axI6Yo4ODnFLQi
44kdvyoOccHk9/SiwIgnOITnHtXP3SmS4IOAFX86znY1paMa8m2NiBjABHbm
pPC2nHVdX/egfZLfMs7N0PGQPpSpq8rm1WTUHYb4h1RtX1SS6PEKjy7dccKv
f86z7GMLG0jHcSPl96cXzNtGU7xgkWvDS/6FrN5gYjATnqOuaZpmBZIQDk9O
OtaJPqcz7FvcRhTyCefajcAeeSRmrSsZvUXO7J9ccUgUA5IyaVtS7qyF0lc3
Vy57MFH5VrAZ6YNK9zRW6D15YEccYFPCsOvPpSuk7MdhRz0NOycDIHtjrQ2h
LUcnByfwqZeVxnmhj6kgXjn8xT8ZOB+dHmIkHTBwfr1o/EfhQO49Rn0xSqc5
CkZ70wJEIzgHJ74PSp09AfwIpeYX6EoGGANEzALgNx2yKm7AgLcfeAH5Vh3E
vmXLtu+UcUJdw9B1rOsF0sjIH2j7tan2vTLgnz7RUb1xg1XMk7Byt6kyWsOd
1jfyRH0LZFTf8TSIjd5NyvYLkE1SZm15Cf2msTbby0mjPrjNZt/fwXNwI4Zd
2OcYxSY13KcKF7hjnjj8K0Y1xhsgEd84pdShwHzcZNBORhs/4U9QHBRgZHTm
j5SpC/iKNEMqX7AQOc8+1Y5KtyBx19q56vNc3p7DckNg9AMY7UiuM7D6dcda
wcX0Ntxxtptm+OEtEM5IFatrrRTS5bOPTInZVADlMsOetbUouGr6mNW0mlcy
kebYdyd+d3anpIC2GO31z2rGpG8rmyasUk2vCvsajnXdbSKeSR0xW9rltmZ4
bmKTTW7/AEUn1610XBPPHsK1dkjCT5ndCuG24Ur17iql1hXGDWS94u/QgIOB
yT6Uikg4BH1NJaBZPYllAkt2UnA7msLRD9n1J4BgK6/L6DFKLd7ISTudCxLA
YG31NNIyQAOe+a023EtdzJnItvEkUjAlZl2H3PrWw4KuDkeh4ob07iW2gqjJ
PI9/asXVmNvrdldserFSfXp0pc1wb5XoddnIOD83XjoaAcNhjjPatjn6mjaH
91jNPkIAPTFJCejK/GMdf1pCQMYPP0p2aAacA525Gaa5BPTJ9KLtA7MX+HjG
PamlsYzgCjdgNPUEcY/Sk3fMSMHihsRUuLpIj5e7dIe1ZkitcHMkuFxzjjip
k7K5pFJoo6EzLYshxxIf59MVp+gz1FZm612K14pEeDkD27VT6KuCd3etItnP
LSeowMN2/BwOKfMT5Z2gdCfrWilFuzFyt6oh3YGfbkY5qaIDeP4gfzFS9WPk
aV2WVTdwzfXvgUgUnI5Ix+FXfoZtXBQQAG/XqKjvdqvA5x8km76/Sk1dWCCt
LU6fduO9WGDyPenKV78H0qEtNCm9SRzmIjqKgYkfN19arZCT1DoBwSOlJ1wW
xUu9h7jTw+RnGKZjLZHWqukGogGFPr25ppG4n17e9J6ArjQ2ccA/h0pARyPX
mqsJjM4YjsfTmkKgkYPA69+KS3DRiZDcDp2pT945+voKT0Ym22c7qSSW2orI
vygnK1uW0kV3bLMhGT1BOKiemxrTa3GCB5rgRwDdI3bPapri5j02I2trte5f
/Wzeg7DNOK5UN3MtHVfmLlnY596GmUnOGLe1NK+pFgjuLpctDtUYGC3WtCzh
txL5jP5s5+8WoUruyYmrasuE9Mjv1xSc4680XdgEyScj8e2KQZb7vHueKtbC
kloJg57Y6UYJPXipvZag0IGAI3fhQXO3ntTtcS0K9+T/AGfc5IyYz7DNcZqT
b7W2wDgR8k9cnrmmkkGu7OytGZrK3IIwUH0NSucAYx15qZNLYpbDG5b8KqXK
kyJxnaDx7VnN6amtJXkVAd8gK/MuKvwIEjyG3Z71zNtHY9rDpGKDA5z29arM
cn7wwByT1qIpyV2NDgowOnv9KR5NsZLHA7VqtXdE9TKu5/MZgCACcEetQEgI
3BB6KO9dqVonFJuUtBiBtrt1AOAD1z7UgzhSPmC/lRvqifIUdeTwfvDFa/hf
as92wUEjGOOlHkS0jeQdckj0NWYyN/K5AHSk07h0PPb/AOa+n3c/Ngn1qtx8
pzzyCPT3q9L6AgPysec5Gcd6cD82R06EU1qS1bUFYb23YYHqKmQjd9/jt7U2
rDjJX1AlmX5uOMYFV5DgHDdu1KVr6Bytas0LHcmnRqvAfLMPYV2eixiLQrSM
j5iCzZ69aya1KTbiWzyM5GOgxRjOOv8ASgl2FQ465H1FBODinrca1Kt637rG
cE9B61js2ZXPcHn61hON2bUo63KOpyEYihy0jD5V9TxiuovoV8O+G4NFhIF9
efvbk46DP3fxqo3hBl1JOUoxMPykWMKwBUdycZ9qikGyJ2AA2jgAdB606K1b

ZNfWyL+iWMkXwp1O/wD4Z5h1643bTWbZr5dooB5wfw5rS6crGL1iWCcDJ4A6
UxXG/Gcj34qkrmMrpkgbDngAGkL7DvY5C888U7XE2kTaMoFh5hbmRt2R39K0
4/l9R/Ws72NY67DuGGCf0708ZHGRQmUx2QSB0HrTlBHGecUnYB6j1zipE446
HuKNwuSrn15+lSrycHr6AUraaB1HBuwbH6UAgkjOT3PegB45P3sE/rTgoznI
/Cq1EPUc8fnU6YwMkZpNNjJY1IYk4x7f4VDL8zEkc5oAgnYpAxJwT6isUqEB
JYMc5HFTexUVdDIp4Q3zMAewPWrA2N90jNRLV3LTtoPVG3ZDYOOdtOF3dW5+
SVsehORUxckyuVSRYTX5UjxOgdfpzWXHdx3lzNKkeGXAzjFbKV9zNwcU7F2y
TCDpknp2q/jAHAqmZqzADPWgk8gcH3pgKDgc8U4DIJzjjt1peoGVqcihFjPU
nj0NZzAbiBWFSbvY6IbDJGxyfT1qsHc5A6Z6VnZL3jVbFy31w2SRwOu8pzgH
kj6V1/hey0/UtEe7e9S3SVizhsZz6cmuuD91HDUdp2OXkKtNKA+9QxCtjqMn
mkKjbk8D0xXHUt7Sx3RWhmxsfu4wKV8liBWzVth7mIzGy8QKccN/49nA/Oun
cEHIOCD0P9a00tZmPSxIy8nHXFUrxcIXHJBxisVpoXfS5V3EglQck/nSFvl4
OOe9UtEO19UToV80jt6Vz9wRZ67EwPUjGO2aUXzMTvzI6UdeuQDke9MLEjKr
15pyV9x36GT4iDLDb3QG5oZOT7HHFbDbZI1wxO5d2fWny6WQlG0WxWmiihzI
2AR6cH8axtVIvLE+WpDqcx5HU+lOCa0Zk9ZaHT2D+ZYxSPgnaMg81IAMj9Kp
Xa0Ila7sX7FyGIOMe/pViQZPJ/CqiiJaFdhjj9OlN64Pf3oeoIbIcPtH4+lN
yOlJgkGABjgf0pjEEkjn3poBpJY7QDz7cVYjthEoab5u+0UdR9DI1hQb9JSB
8wwcCqE/yK2ecdgOTQ0i4t23KWmCFTJ5MhkT73HVTnkGtPBJwD8nbjms5Lsa
wbauyOcF0wV4x+NZ+fkwTnjr3q4LuZzSTuQxjDENkkenNSFtyLtGT29KrZmc
ZWeo3Bx8zcEfkKktmKSrIAGwQfr7UOxd5XL0rIWyowp7ZpnmR7wAcbjgetW9
COTmTsPKgjJA64CnvVHU4ybNjnBXng9qRndpo6e2YG3jYYGVHWpckHqBUJLc
t6Mk48o7efeq3Vj2J607XHcdyevH1ppOV6CktGLcaWOCcECmjnj+lVYNWITw
cfjUa53D1BpaMNUK/AJPX2pmMtg46UDbG4JY7fvdvahjuAxx9aLXQMarH0yv
WopH2Afxf0p2T0M7tmZqhW55ifeyYzt52+tLp0byT/Z44wm7HOeB9fSk4JO5
pC60ZuXE0dkrWtiweZwDLcD+QNUlgiVcDknlmbqfrWc2kaRuwaBQMqOO1QmE
KTgdTWfMm7opq2hCRIjkdR1IoaQZ+bKnOM+laPe6J5Wy1BdupAZgVHT1/wDr
1bWVXHBH41SuZNEc11DFgOxyTwB61JHKk0Qkibcp/u09gEOQcKB14yOKU5Ze
OOc59absxPcTPzc8cd6QkZO08Hqc8Yp7rQGyvqIZtNuVHXYTk9q42/YGzgYd
WQ596L22HqzsLMn+zLYHAxGPxqY7RweVIwQKlroFtbkeTnnqT2qpc7mmVR0x
kn+lRVT5TWnrPyJlrUqmcDLeg6VISIohu55wAa5G7M7G7qyK5YksXPfilRN3
DcKOenU1XQS0Hehx8vfd1xWbf3HmMyJkKK2ppkznZFHgBmxxxScnBU59/wDC
uk5OZMCSDhWJYcmj7jcY8vHINXbSxhJyT0DIZi3cVv8AhmMfZbplPJkGT+FT
dqNrFtpmuuSORn61Iny8t1A7cVmmkrDaucfr9mYtQZgNqyncv5YxWQwwvTp1
96uOwaXuOGSSxA+np7U3JB54FPm1JH5AZgByODT4uTnGSfT6Va2uNAzZjBAI
7nmq8/Eee+anViu2a+NlrFGzY2oVOO5J/nXcqohgiiYcogHA71k9yr2iNyM4
HyjHTFKjE9M496e25O45mOSCOvT2oPIxjn2FTsiyhqDjuc4ByaymYRAtjG7k
e5rCZ0UU2rmh4L06G4urnXdU/wCQdp67t3bzKpPezandXGo3WfOuH3DP8K9h
V1bcqRFO7qN9iN5MOEIznuelUtRlKabOdxDbe31rSkmlqZVZJ1DpNQuRafB/
R7CLIFz+8cevzbjWLEAIQOePzNVHfUifwpC7mPByRxj2ppPIHbrxRJqL0Frs
lH3dDnv1ouWAsZCcgsNowO/tVXsTY1rSMRWcUW1RsUcZ4/GrA3cgN1qb3NYt
jkyc8/UVIvbPBJ+n4UtloA4cdRThz1/A0bBe49Pl+lSLgnIHJ6UMdiVAO+ce
1SpmlbQNiUEY5A/xppXaB0NNBccMjjjH0pVIJ+6VajqBKoyeD+OanTJHzH8h
S3AlDFUPb0JGKqO5PIPXvmkwMbX7lktVVX2s3Q55zWMt5OiMoYN2+Yc02rg5
cqImYyOWJ+bGSfSlFxKoUhyo9jVqPRmcp9SxHqMynn5h1q3/AGqrRgMu09zn
vWUoJaouM5LcpX2pbWGF+QjkjrVnTEQ2yvEQQ5yc+lJQaaNZTujdt128Y+lW
RjGGYA+54rUyEKjIIPA60u7nHagYdTnAGOlDkFfmGPrQ9AsYOpI8lwCG4QcZ
6e9QAkDeQeeDWEnqbrY0f7AvWt1mWMMG525wazZ7d4HYTRMnGPmGMUnSaVwj
UvoYs9ntuvPZ2IxjA7gVrwRgRPtzGG5wDxVTk0kRGCUm2WYzuXntTLliIiAD

uOAAK573d0dCV3YzVyrA+/PPapUBJLEAZrpltoNNWMjXotixXAPKHr0+n41t
WM5ubGCY8l1wc/196WjV2Zu/QvKNyDcc49B1qC5i3RtgnGORSbSY0nYyt3zA
dDjB+tKF3DqMVL0VkCuPjIL5OOeSayvEMW0xyjHyY59uKqlpoKeljbspPP0+
GUAncuOe2KcoKjA6E9f6Ve90DumVdUi87TJo8fPt+X2pNFlMukQEkErkN+dJ
WQ5S0sXGRJLdoWOUY4Pc0XMVqbOS1tDIU2cCQAMD3qbu92S7taCeFZHl0dFl
HzRsRzWrjB9DWqZnNWdkWdPceaM9+OauytjvkHtTWpnIryEk9P6VGPvHNMSG
kHqBxScFeO9J6DQjsBgAj3pscbzuQAQB1IHShdwWpfjjS3BEbb2PVqRiXTJ/
WhMRkaohaFXVSzK2RWZIwY9MtnoKHvuaQV1sZOn5h1CVsAKxx16nmttzgnBz
nGPSokrSbNY/CEhJBPOeOe1ZW3aSRwDwM9qdNvczmm2kNYDzRg468e1OIJQb
ehGcEVTbROjDjBPXpyf5Um3JXaxTI5I4poG2WTEqPhCH3DPJ4GKTzFjj+dCm
Dgv1Az600nuxScehMqlsMGyG5DA5qG7hMtpIq/ONvboR6VW+xlsrG3p77tOg
YYIK4z34q0Ae1Qro03JUGFIGQcd6qk8jcee9AgOTzzj+dMPGP1FAWDIK+o7G
m9D904Hei7Q9ERg8cjn2peByeRnnHWlZD1YpJAPOaYeSAQfwODQiGNHoOmaR
yAhznA5PoKsaIVdpAQgKqp5P9KSQIsYaUcdAOx+tF7Ml+RHp2ltfXvk2kYUs
OW/gUeprS1Wa1t7OXS9JIacjbcXB6EegqVds0b923U5KGeWzkEMpOOcZPvWm
LhHXKkMO3PGKyle5Uelh32jDY5wKZ5uOOp7YqFfc0bXUUTKWGcHNOAhmZt+A
McmiNwegw+QpwZCBnt2NAkjVvklG09H9610dmS2rMqXsEu9Du+Qk7WPv3qTw
9vW6mTkQxjaTnuea2cny2OWN73Nk/wC9g8f/AF6QsQvA5qC7agefb2pAykEn
nHGDxSV7DK9//wAg653Y+4cZ/SuKu2ykag546VS5rC0OztjnT7fBPEY49vWn
jOBnp7Ul5lOWghbHXJpoi3ziR+oXAHas5y0LpaSJXYKc9sVUclzzzj8jXJre
zO2Om5GEaQgA4UdTVogHqeFGR9a0umrA3fUqXrOISY85+nFZGCxxIOP0raiu
tzkrRd72F2Jj5j8ucEY6/wD1qaUXPOSo9BXReXQ504vQbGg25c7T3A7UmAWK
nk4Hyg9Kcd7saHKgxjBPBOSa6Hw+ANHZwuNz4H170Sl5jRoqcr83TOKl3EgD
I+tZNIE3bUjuII7iLy513rn8c1y+q6RJbq7oC8XXcByPYiqTsFtLGR5e1iDn
aO9CpghnO7kDA61WuxL01YBhk4+lSKoVRgkHOTVbCTuKwwCoHyE8/X0qs6lp
Y0x949PWk2KPum7s829t4lTIMq5J7d67WYhpjn+dRKKZq7pIj7kDrQO/WixN
xenfIoGQB6VPXUZmXzAMcnjtWHdOZWCI20KDyO3vWUkpTNoyaTNS/wBYF54c
stEsLYwWcR33bHrOwOR+FQlgBuwAOuBROPO0VSThF3GEb1wMbs5OaztcwNO2
jALEfzrW3JE5rqUjX8TkJYaRZrkCG2Pyj8KrFc/MMDjFUnuyJK9khDuCjb1A
/Ol2AMCwwD2qm1uJRutACKxVh0HT8abN88sUaZO+QAcenJzSv0YJc2pso3PT
H+NSgAAnrmlY0JB0zkZ9u4p3JPXArJvXUocBjqfypy8ctk1bYrO4q4C5AJHW
ph15OM84pPYCRSemeB2qZCFGOB7CheQDxk9Tn6dakyBHk5wfX+dF2x2EHPPQ
frThtJ/rmqVwsSqM9OfpUqdOtINh07ARAHBFUWbAJzio9B3Oe8QxyeYpZdqb
fl9896zCoIHPGMZ/rW0djKo9Q53MoYfd4PY+1MDZAPpziqa0Is72FJDH5eww
fxpxJKgbQQepP9anyCcpLoZ9++5ljT72Rgj3rrdKtxFAigcKMClcu6drG1Gu
1OF+vHWncHOQMdMEZouaJDhjPQr6UAkZ9fY1IXEHQHkE9jTJQQduMDHSnoPq
ZUoDytkf4VLpemy6leYhiaS3t2Dyle/oKxtd2NJuyOlWTL4AZCONp6ipHKyr
tuIlkXvuANdRyrRmXc6Dp84JiDQMewwVNZdxoV5b/wCqKzIP7vWs6kLrQ3p1
ekijse3YiSNwO+VqNpA1yrZGFNcvLJbo6ItN6Ga3yjH8I/SplYMgY8gdTWr7
lQK+owrNaMpGW68+lV/DMxMUkDZZozlV9Qf601yrQTepvQ5zgZxT2OSSMkVE
+4lqjIlTErZAx7j1qIAqBhsEeo5qVq9g2HIoBbGdue1RanELjTpFJ3EgYbuM
UKVpEyfMtRnhufzrF0fkxuM46YPStbAzg8d89a1t2ZctWBjXBBPykVj+HFNv
cXdkx+ZG3Ajv35pJaWZL3sa0fyFuQWx1PY+tNaIMwPIYdCKHIW6K/h+V01G+
tZjkRbdp9sVuPyORzVxbauzOpa+hJA22VSR+VaTdM54xgcU4u5nK5XYcnccZ
9aZtHXP49qGJJpDGPXnHvUfmAchSSfah3YE0NoZhun4T+6OtXOEQKilVFCGQ
liAcY/Om7iff9KYirdJmFyrEH6VgklW6YY8YqXd7GkdDNlB80luAnetxvmI2
gBiP4ef8mpbvY1UbDdymMnqe3pWfODvb5ep+7TWisTJ3IZBiVSc/X3p5+7lR
jjHWnqtzPZWGtgRkDv8AnRjABByAcd6vRk8trloFSnA4zipcKQysN3ahXM7Ed

oSZ3iRf3YGQfXOc1oNH/AKNIoIBI6mm9HYqzE0NlbS4gf4Sy8nnrWiVJPA/G
kmVZEqehz7e1VSCCwJ5z360XE9xewpnVemMdzSeoXsKT0A5zUR4bBOPT1osN
6sQ9c9+/FNXjaCTkUJisKTnjpTS2QQSCfbrRoOzG5wCcYxVUSfbHLgEW6cD/
AGz3/ClqtRXsTl1hg3uOB3pdL0661i9CRR89Vz91R3J96PQFqXL6+jsI30rR
2PndJ5R2zWdDDHEuFy3qx6k1SutCXLmZFqFjFdR5wFkXoemTWE6S2TlZBkdu
MCk9EVFlpZA43Kehz9aEIJGBnPpWDZs+jFI3c85I7cU5QwIx6HirvotRpLqP
8nzVDnuc4rSstEMy+Yw/dLzyOKhSS0aF8OpmTzHznhnTemcAY5Hp+FSW0gRV
EBAAGMdiK35m1ZE8itcuR3CyDhsHH51IW/hxkj0p3MmnF2FY5AJ6jmkJxnAz
xURkuhTTKeosDp1wSSAE7dMVx92B5YYYB29K0voQr3OxtnJsbfA/5ZjANSlg
Xxk/hUWRd2MUE96lAIUE8g1E0XGS3ZWkYkMGyFXpxyaiK+YcHKisbSjqkdic
WrlnAxyfl61Gxyg2H8aT7iTa2CJVZXEj7QFyBj7x9KiMCMNrKOcUczWomlLR
kQsEkdVXPv8A/rpsukvu3I3rxWyrO+xjKgr6MpSxSRzASKc9OnWoJVUP8pye
Oa1i+pzuLj7rHZRYeQcsOfzrpdHXy9Diz1Y5/wA/nV9LExLQ57nbntTgfm2j
O72rJO5XXUd344NLkksTyCMGr8xehk32iRy7pLU7Gb+A9Ca5qe2kify5FZG7
gjFNT6F6NEZxkj+VOQbmB4A55p37mTWugY5OSenPOeabaoz6mp4+T5v/AK1E
pIaizpNExP4gjx/q4kLEepxx+VdE7ZYk9c5OO9QmmzR7AQM8/rRwSMk5p7Gc
o3HZ5OT278mkZgv5VI9DE1B8q2OxpNN063bSby+v2dVXCxKvHmN0/SpULXnc
uU3ZRsVrZMRqO5GT9akP8IPzZ6+9TT7s2rXhCyEUEk57cDisvXAC1rGMfNIu
cema2epxQVtzU1iUXGvsBjbEQo9Ogz+FDLuXrTUeWBTV3oNVeRuOCKe6EHk5
J7dQBRrsFkN2k5y1JAm7VocA4CHp3PFClbQmyZrjkcZz0IqUAHvipV2zXRIU
jBzgfypwHc5J7UbBe6HjjqacM+mPX3qeodCVRnkGpAMtz1HeiSTKHDO7nOPU
VLnjpz2ppaE3JAeemT7mlJJOT+VF7DHDJ5z0p6kd6LiJEGe4x9KnQZY5Ufj0
o6C1IbkgvjsOlU5Gwp6Y7nFStHoUcnczyzTyFnZlBwobtj0qFXI4I6Djito2
M56seFOzgfjiIU5I7etKTISbSAoFcFc8dDTWG1t4/D2qTWKb3Klshm1iKMo
CuSc46DFdxaoMBcEL1yB0pWV7k9dC/hVGAeMfw9KQEkdM49KC+gvy59T3zSE
D04qgSHYweCCR1yaLO1fUbswI20AfM5520rXBysWD4WgMTPHrG/HB+UdfTpW
xoVqmhaYI1laV5Dukfpz9MURppO5MpuRoyfYL7i6hUueAycNVSXQjgmxnDoP
4HOMfjitLkmdPbTwNtnhdD/ePT86asb4+V+PTmkFweIn5Zo1f1yODWdcaJYz
cohibOfkHFO19yoy5djhW6k98Y6U63PHHIxiueV7ndHexJjLgMNwxj61h6Wf
sevSRvkq+V47U6aVrlN2djp42AAJPHepXHPXPtUST6kLqZ92CJAexGDkdPpV
XJBHp3yKWt7CsPbg8EYzSkeZayRkgE/y9Klq0rsL6GN4dcwapLbk4Eg24PfH
NdC/BOSwA+9WrJTvqybIzu6d8gViSH7L4sR8YFwm0ccZA6mpiaOzaNVxsmX1
zyByfSlAAx82DnFTNOS0EtBNHijXxFPJL1khwv4dc/nV7U5XsYRIIvMQkDBP
QVrDVHPNhFMpkjBVo5H5CN3HtWyjb4RgYIHaqSZDWmhWkyc46ewqNmwMk57Y
70wGENLgJyferlvbxwHc+Wb0pWaAkeTcQcjHvxTCeD8xHvmnsNEecHpS7vl6
DApWYEMoJ5yR71zc2RcyLnJz3p9C6dnLUqXKYfaercc9K0bdlezjKnk9SKmU
tLGi6k6lFA+X5fSqFyuZQe9Sn1ZMl7tys4BOf7vpTgvAwatPoZqwFc5PUYpg
UtgHue3f61pewrFqFHVMgqy5xg8EVbghEkO91KHnIJ4pczauTaKkOs0G4si5
ReF9zVraDjdxkUlpqJ6lXQsm1lU5ykhIz7npWqARyTSK1JYz83PIzVWXO85P
fpjtS6DEJyeKaxxnn9OtPZAwwBjdniopPl+Y8j0prcS1DknA4prg55AYUMBR
w3B5pmMBsfNjk4pK1wKlxILiVraFjtx+8IPIFWAFih7LtGAFHQUWGhtra3Op
XAihjY9DjGce9bGp3n9m2z6RpLg3DDM8ynhAecZ9fapSXMOWkTHWNY93lgkk
8sRyx96djHHfrVt3M0r6jQdxxnH19KjuLeO4iCSjg+o6VT8xX7HPXME9hvcN
+6I+8O/sanSaOQnkAgdM4/EVg46mqblG7J1XLEcjHRT2H/16liXcBkYJ/lRZ
vUtySRchi/eDr1rSkme2iFuj4Q/eX3qWtRN3Mae1Z5AyE57n0qD7PJG2QPkI
+Y/yqneJorNaEbsQNwzgYwCOanhuCDtl5HPNPm6mMolrzAyEqQaQuCMdvaqS
W6Iu0Q3rbtOnA4yhGfT3NchdALFE3BG3kU9nYrfU6y150+3I4BQc1I8ir0OS
BjrWbmolKm5dNBnmE/IOh9BVuP5Y0yCML60qblJtsKqSSSHYVsAjjPSmeSoD

Hkc9a1siIycVYY8T/wAJBAPT1qCRWUNhSB2NYuOmh0wqq46Nfl6jJGOf50hG
cbQ2SOmKx1Tszpvd3LUUQQEKcnOWNLK+yIbSefwqEybmfIwHLcjv9apmFCvz
LgAZB9fat1KysgcYyWpDNaqEyz7G9Ce1a9rqFnFpsUJn5VMfj71tCbmjjqxU
GOj1W0JB84dOMDip0vbWQgCVdx+nFUo6mPS7LIKvnGPQgHIp+flwvPtQ7oau
0GRtJx09KhvLSG/iCTAqRnDgfMKewk9Tk72yltLho3H+62ODVQE9xtzwcVcL
SVxy90acqrMOACBz3qTSwXmnY8kKBTkTA29IhklWea1DM0ahTg4yaurqN5br
iaKQ4xnKf1FZ26l76En9sxAYdCCPQGnLrUCjBR2J6DFPRohp3FGpyyMPItZS
D1zT5WvZUJcCFPTHJpWWxXUwpmaa+MSuxCj5ielad1OZlgtULCKFcAfjnNZ1
X7trm1KKcgVFCKRyf51GwOT6dqmk+4VtdAIKg9+2KydTB/tS2QcFTkEd62OZ
b6li1fz7/wAwDk54+vf9KvnBGDn8q012ZHN0Quw7lYg5B4oyBwvJ6EelR5oa
dnYQ53kA5IbHSksPmvZpEY/Kduf50lZq49b2bNNcqBg+3rUw+bjv69xQ9Uar
sLJyVUngDn1pFGOhBqdtA3H985wP0qQdMnpRy22H6kq461ID0wDQwJUGD1x/
WlIw3Ax7Cp8hWuPXB9B9acOhwPxqragPyMDOR70o5PJ496YMnQehyKlDDBJw
W9qWoMpysWcnHFUb+TZaPzg44pbbDW5zJxu5zt57c5oCndkHJP6VpZmbaH44
4PHQ0wjg4wTnpmla5Ku3djgSCCcn6UyZyIiT2zgUXW4K62JfDNubi4e4GQij
AOODntXY2oHHUD1xmhjjFJtk7MuCoJPsRSgADCnn60tDRCMpK84IHbFIANpy
OfTvRe4xScIc4/LpV3QJFikmIAMjAdRmhbkS2L0oJYB9mzrhRj86V3yPvc4x
x2rUzsL/AKN91J1EhH0xUiNdqB5MjHHfPBpeoyymp3RGyeKORR13Dg0x/sE5
J8qS0k/vLgrSGQSQbQSkiTJ6qefyqHYjD5Tj1HSqQHlds3m26Sg5Eig0u4xd
BnnNc8ttT0IrUmU5Ucgn19Kw9aVra+huhwVb5vQ1mpWHNLQ6eCRZUWQZAZd2
O1T8kblxjtVN6EdSpdoWiyBnH5VQZwAoPWpvd2QNtMYmfM7jjH0qxEQcbhx3
FO2tmJW3OcuJDZ+I0nXhM8Y9wK6yaMbSBkgY5H5im42VkJLS4Bv3YK4zjIrI
8TR7Yba7iODA4P19RSirM0euxpTOsqq69SAaaGJD8HHUUpXSFazKl1ctp8lv
erkrE2G9dp4NdVIsWq6ZJ5LK4K5XFawMaqvqinaafHBAJZ3ZpwuSTkBfatW1
YmEjGPp3qmm9zNu5DK2G6n0NMhgec5XOz1NIRdVI4BhW5I6nimFskgk0wbEA
DcYwTTOfTIpNsfQbyx68inAA+/FTewyOQZB46VhXyBL3sNwBUnr0psqDakU7
2GSTasQ3SDt7VNp5byRHJgMp+b0qZJONzVbtFoDDnPTtVS9wShX3BAHtRBXY
p2sVGyQR2PHFKAegHsMVrsYO1xBkhue/HtQB/dOD60+bQEy7Zxs6EjAHXmrg
tUP+sJb2PSkrpClbm2JjhflA4HA9vwpFxkH36A07dSObUq6X8t5dxk4AYED0
zWqMkZ6/Sp2NSWNtx4ZSPfrVe44dsHr6U0Sxo4Hqex6UxumWzSW4+gZBHP4G
mEHqcY9qBEYYhgOcf0pxwcgYB7e9NxBeY3GARnP0FV7uUW8eVPzP91femu49
9ER2kQii3yHk8u2O/wDhVuxsbnVbkpAjfLgnA4HvUt2HZXNe+vk0q3bTdGcG
6P8Arrjrszzx71iwwrCm1STk5Zickn1PrR8KsZyd9QOAodec0YA5Oc/zqkTo
D88EcHtSFevBI7fSkhtGdqksRsZY2YNIBkKBnv3FU9H0uO8u7b7VOYrJ3IZ0
AL5HZafK2xxemo+UPaapcWzmSW23EQTMu1iv+0B0NaEcJZQc5XOAwrOceV3N
oNNbF6NfKt5JSM7eiD0rPkvY5GIVtrjqG4qV7xV0mPiuwMK/GQc4PAqdZlZM
4DVTV0Q2+hQvXjbJA56dKph1YHpj9aT20LjHXUcpkRdkTYyMDjOKXTzOZDGV
LI3IYc7cVUddDOp5Et6JTZTKsbbiuOQa5rVIHhgty6sAy4GRjPrVpEONrHTW
0byW8I/g8sdanFqucMST1rPku7mvtbKxOEVPuKNvfPWn4OfIlxjvVNdjHm5m
IOOQDzz9acfmUZPBHQUEpW3EIIB28+p9aBg8Y/MUK1h2fQj2DoRgDpSiMo2Q
eTnrUSgpI1jVa0YgZlYg8461Xmdid3U1jyOO6OuFRSKrusMfzNwc43Dmsma9
eQgJ8oHIOefxrWnHmd+hFSfK7IqSTM5G4kk9cmmFtpBB9sVvypKxyt3lqxue
CQdpz+dHmZySe4wPalewiaO9miC+TK6nuQ3Natp4hnjUeePNQ8ejYqnawlrc
27LUILvhH2t0KtwauK2W9h1qHGw43Iby2ivYvJn+71BHUGuRvIJLWdoZcbt3
B/vD2qoaMmU3sV2P7vA4xzirOjopgdnziRx06gDrVTeuxauzd0J2gsWlX/U3
Ep/Mcc1tq/ykAcd6z3Wg5NRlyoMIc7o1J+gpyhQMBFH/AAGpasTe+44PtBAw
BjtWfrNyYLMlfvucKvrSb5dRqLehhWqMm9esuF3Z5/yatxYRiWb5ieRjrWNS
7eh10nyrUs7TyOmD0pPm3DjoOe2a2iuWJx1HzyDncg6E8ZNYdx++1gknhEIU

+nv9c1aXUV9bIvaRA8hbyl3MuAcCtF4JUUExnjnLDpS543sxeze6IhIp43jP
XrWVPqnlyssfO0/eovfRAttSn9vuXDEnGT2FT2eozWyP5i7wwy394HPatVFt
ahKz2OisLyC7hDRHJHG3oQatK3Bwcn0rNppjS6sQsfwPGD3p44YY6HJo0Y15
kiMCAe/vUykfd457ZqbdR3uSKDgc9fanqMN/hQ/IfqSqMLgHin59B+NLoPcc
COp596epzzkfjSExe/PH0FSJ16cfSmrgTLjuDT5GxESMUmBQJJGcjFY2ty/I
kS9T1wefrVJoDI3Z5HAA6ClwC4xuAFaK61MGoyHKRnDDA9hzTOSwJHzd8Dip
W+pDlfRCgsMhj17VUvZMMFHcd6lptGsX1Oo0C3EGmxoq7Rgc9/xrehDBMjkd
+Kb3Ki7oeDxk4+vamnAOflx0z3NIuwfMOn4ZpRuYjdkGmhNCSj5Nu7afQ1ra
Ls/s5HQ5fJEgxyDTjqyZ7F1wpByqgHv0NVXMMf3WJPscitCLAlj57749PlZj
/Htx+tWhol3JuAu2s9uM85z/AENJsdiePTbS2Um+1Oa6YeuB/IUyaKMlTZQy
SxkcEjOPektx2siERMpz90+hGDQ0Rb7yjd69KolHi2h3G6wWORsMDkDpgela
MqgklR+VYN2PQSVhyfcwcfSqWuQedYngBkw361ndJlv4SbQJ/tGnq3UxHawY
dK2E5DDdxVSSSujFXchsilkKjpWXtUMy5BOe9Zpu2hTauNJwck98Zpsrsls7
ISODg1Wr1JtpoZniG3/0W2lUcoOfqcVs2VyZ7KKUtneuDg+nHNVeyQou8WmW
FIICkYIzkVW1u38/SJo15fAYAU1e5TlZaEOkXButLikA527TxwSP61ZUYjwR
0pzs9B6N3RPFpT6lE8TowhbG4/3h7VtRacbG1UWn7ooMKF60R00MptbIsanG
11dWn9l6xDreo3LFGtFCps2qSST2xjGG5Oc0qxT2LyW1+iwXEeNyBg2MjIwR
1FaOyRgr3Y2KFpMvINseeAf4qmMixgouAPSoNNtCEt8xySKazkgAduuaOgrC
g56dKOCc8kemMUkNeYnUYGcdsUg46cnv6mqBjZB+dZd+nzLI2OvfrUu/QIvU
zbncYiwBDAH7tM0pyUbdywbBFL7Gpui+Tggc+lV7sAqGxgVml1JmVSPmyCuQ
OuOaaCSOeuec9a6ktDG7TFP3sDr70jDjHQ9qm5S8y9peWWXbg4AwDxjmtEYH
r+dCIluNIPYAk9zQp4+70Jp9DNasq2vy61cKOAyKfx5rTBJ5A47+1Lqa30Q9
DlgTjH0ps3DE4xQJMiwSc8DIprnByTk96W4DSeff0xTSMse/v2pgMJ+YADjP
NBGWGOKQ9xCVGW6Acn2FZikXN4ZWOY4wduTj61UdFccbXNTTbC51a6WO3GFA
zk8BQe5rW1jVINMs/wCx9B/1mMz3PU/ShJN3JnorIwLaNY4sICfmLFm5JJPe
pi3HelvuTawDAOP5U3JyemKEgY7HfH0OaYVJIDHj9ad7Cs3sZ95phuLnzoZT
HKfyPFUrJpIdbtkmYIUJXdjA6ZJqW3ujTyOg1FJrrTH+zTquX3yZTmQ9gp60
zwrBdXlxLayyR2aWS+bdfaAQ2CD2PPvVNc2hGsVcsX11p0ly8VlN+7wGic8L
KD6Gsa+tgcgptYjhh1rOScdDWDXUzwJI5CQxYDp61Ol3t2CTq3YUnfdlWtoI
8glUspI9jVZ2LMPLXBUYHFEbNWZbYRzEscE4B+masQXUlvMZImwDjOO/FStO
orcyaZprqEjIGYgrgdRj8DUN7NHfWphnQMhBwD1BP8q3jK+iMXC25LafJBDH
u5jUKSKnzuJ5xzjPrQ9NDKzuAz0AGM9zTgoyRwR70/QS0EHzFsD8/SoLi5jg
IV2wT0WkPfcoHU3NwoRV2khQuec1rjkEMcsOopyT3Y7cocdDnrSseOfTv1+l
SCaeo0qCPT8KikCRI0jnCqOT1xSsx3szlrq5NzKzkEc4A9B2qs6DII64zitI
7F3ixmMAnPpj2pVjyyj+HFJrS5mnqR7MDnPSjayr04I4JpFeggXbncPakyR9
3PPU0A4kkUhVgQSpHPHb/wCtW5p2tlWSO5Ysp434+6OwNPViukjoVlEi70YM
h+6emRWb4oUHRjKfvwsNrAdATzUTQ4tXOTeZXsyQPm6N/Stuws3XSYp16FCW
9QaueqCG+o6+lew+yWgyElG5u2eRzW7pszS2I83O6MlGB4PWohG0NXqXJJu6
LRIBwMnPf1o5JBH05prQhq7HY+YkfKp6Vzd9cG8vy6Z8uP5UB5OamWpUbak6
jYh3n52OWPWlhj83bJ07ZrCN+e50OVoFpiR90ZPTmmnnGw5GMkA10ruziau9
Bp++CoB9cdawQQb+9mPOPlH6VXUa0VzpPDkd3/ZSSxFYllYk4GT3FN8WGez0
dWM+52YZPfrXK0pO51Qdzj0kYOTvO4jB9cU1RukCk8E8e9dN7HOk3KzNIWaj
G1yDjJINDxuvLAOg9Tg4pKo72R608BCVO8dypHdi01ATRZCk4Yd+a7ROQHDl
geh9RVy0PI+1YkGCMkg9+nGKXjk9DWfoU9tR+Rn5TmlVhnvx7UlfZh00LKna
ev68VKmO9ME9CXPPXP0708ZwT1NLbQe4q8jGfrTwBk45oYhw9zx6VIhJP17U
lqPYnXORzn61FdNtXGAR3A60XC1im7AHk8+lYGpSbrwgnjJxnrTVmS2kipkB
v880gJLksuB255rTbcxa/lQpJD8nA7Gk+Ytxg8+lS9gcXcax6nOeOKrWqC6v
kjBw4bGfbg1Ot7FLQ7m2XgAYC9OlaGwhQDkAds4otoaREx6k/nTcMDgsCaeh

W4gID4wRnj1qVV3YAbND3C5FM2ZMDtwKn0SYxajNb8FZV3qMd+9ONrkzehse
ZGWwJFBz37Vqx31jDH+4tlaQDkIgJJq2SiUXOoXP+rgFvEeskhwQPUCiHTj5
ge5vZrhsfdGdtSPcuJEkAJiiA9Sx/rVefULeIENcIGPUR80hmBd6lHDMN67l
c/Ltfc/4gVKjrMm9VYA+qkVZLR4hZYt9UMZT5X6Ctkg9RxisJ26nXTk3qN+5
noPc0s0fm28ileT096m0d2avWLsZXhebyb66s5GG5l3geuK6dQNgx+VU4u2h
knewyQ+43D1rOuVKzkKcZ6Gop76inotCNgGXn8vWobpWa1kEWC2OBmtJR6LY
xVV9QvmjudOaFAxdV9O/U/hVTwxNv0t4W5MTZ9+TSaUUaQl7zNpMFi2TzwAa
lQ72K9Nwxz6Um+5fQw/Dx8k3dmOTHJuA74rpbK12sJJhuychTTsnqKUrGlJq
JRMIiggfdUYqrZXkrXDx3DN5o+Yc9QegqjCyZKtvLKzM8rqn8HlsUdT3ww5F
X4oRGm6dnd+5kcsx+pOSfxobT0BaIR5N3CDA+tRMeQT1FPRD1GdePX1oxjrS
QCqMcn9aUc4746Utwv3FIwOePaoyO5xTWmiHqIc896pXybrcnuOabYJ9TKDM
GR0YDjOcVBYHy7uWPkkncR3qLJrU6Lal5xtyxPBpkyb4uD0HFReJMtVYogjn
B54yBzinbeSFAJ9a21sYjdpYt2HTJ65phyNpOQvT/wCvVX0J12Lmlti7eMjn
HX1rUAxjGeO2KSYN9wJ5JK/lSE7eGBz9KLX0E2VN2zWoTwQ6d++BWouAMmk1
qX0Q5eScZA7+1JcDBGOn0oQmiHjby2efyphyfTFG4dA24Gcg+2f1prEnjHFH
UQgGB2J/lTT97j6596m12MoX8pCiEE7peOKt6RpN1fSiO3TcAPmOPu+9U9io
pXNzVb6LSLNtH0cjzz/r5xyVzzgH1rnUQRoACxY8kk8sfc0+XSxD1dx0ZBJH
OR1qXuDnoO1J6C1EweSP8KQ5zznOOPamrMlXe4vUYzmkJCZ3Nj03HGKLdB6d
BriVVtD9mkkS7JELqPlPTknsOetM8R+E9b0m5E2pRwNC4+Se3ctGpHRTkAgn
9amyk+UFo7mnoXiDSfD/AIakmuBPc6yjEQwPGCqtn5XzjGB9enasW9a+nvbt
7i7hvRfBZJ7rZsJOMbAOwAwK2ukrDSu7si1G0Goada27yMgtQREuOn+RWY17
qFliO7j86LkBs/yrJx5tylJrQnjnhufmikHPDKRg/Sonh3uAwJIHFYrR7m11
YhZWT5kbHqKTz89hn+YrRLmE7JArCReO3JFI0p2AKOW6fWk7R0HsrskSch8o
SFx09+9ThshQo6d/Wqi7OyJkubVFmxlDRyq/zMjcL7etNaa5GWyQBzgUua+4
uXyGme4Vs7uM804Xs3GCCaOZ9C/ZRvctrdu7fPH8x/uVTurK4n1P7RMBHAMF
S3r9KmE+Z6kOmo6pk8iyTXy3cscYYkLtj6YHf61eRIxcTGMMA5yu4811TtYw
VxWJ2n8j60u7BIxnP41kOVhp42+nTp0rL8Q3Hl2MUWceY5yfYU9GFtjnVyBt
J5xnjvQOYjtPp1+vNaSirBsOx8pxjG7oacqAqD1FFuiQJajChKll+8OMEUGM
gHuAMjHpUyutEOKQxVAwASSeMGo2XqM4NMpWsMYkg59M0kbbWBznmpvYzcTV
0vVHtJVSQ5t2bn/Z+lbPiOZR4dfoRKVKY+vNJrQafLI4+JCzFcZzgV0lxPJH
ZfZEc43KoPft0o0KiuZ2H+MEMFzp8o5CMB9CMECtxro3F+ZpAF+0xiTCjAyO
DU6NBezsTYwwHIz2NPzzjuOvtU82tgVzO1a5kEa2ttuNxNwNoyVGevtVC2gC
EjgrHkZ9TTkl0Gn0Y5yJGAQEseo/mauQxCONEBwOnWop+8y6jSigxjd3549q
YQzA4IJ/pWzRz6vVAWKZdCPlHP071zVuvmNcc/LI46+nWk7opXO+0SPZo9uA
SQV45qDXoBdafLEyg5X5SOqkd6ydnI3jdI85t1eeUKg+bB/GrlpZ3FxceTAo
d1GQP8K6ErHO5WZaaK5t2YvFKpH8O0mq5nnkyqjJJHAFK0VqdkMVVUeUS50+
5SzNzcQMkTMAGIwSa6bw3cNfxtAzYkjA6DqKmU+a9jllzJ3ZrvZyIBgEgelR
kFfvKcY9KiMrmlurFK8/L046jrTwvHJyc8VV7kWfQkj3KSTyOtWQSwA24Iqt
GhdbEoJA96cCCOn45qGirjgAAOSfc04exIpbgPwDjIGfXFSIoPH8qe6AtIFx
yARUNyqySYRfmzxgUaBczpyI0kZ/lwOpHIxXLyO0km5hnLE59qFa4S0iKegA
agfMue+MdK0bbOZPuJ94HjqOp70FGwCDyOBSukrMp6la6ZkjLEHd2A7/AEq5
4Yg3yvO3J5lyOKSSbuCuonY2q4x3H0zVzGOvPvSZrHQTAIJIA9zTQBuz27et
BQbRu+YYP51IDtU4z+FJAVsgktk/0qNbyPTryG9n5giJEu3rtPcU46u5Mtjs
I7exlKzMglV13RvmrEV1eqP9D0lHHQOrhAfzrRsiOoNL4hlBC2lnCP8AppKW
/kKb9j1yUASapbW6/wDTCLP86gsifw8szf6drN/P7CQIPyAqSLw9pUZB8qSU
9/MlOKB3NC2trW0GbS0hiJ6lVAY/jVC9KLfOWcBmAPTApoTPA9VTypY7lQQV
I59s81sFuVI5VxmofvaGsNEI4bAyOvHoasKDsGPmBHArJq+h0XXKc9e25sda
guEOwO2CPw5rq1KhvkOFPT0rXZKxhFu1gf7xP45qldrkhx9CfSojoyp6xICC

TjHFN8vLcn61vscd7qwqghQygHPDA9Ky9KjW11mWDOIpBx7nmomvdKpySlax
uhdhBY4HTmnKpdgij5v51m3ZHWn0LVhpkNvPLc7QZpsFm7/StA4AwCceo/lV
KK6GMmG0YwyBh7imwW6LcNIqkyHgZ5x9KL3QktbmipEa7m+9646VDJKW5JwB
/nmi3UBrkhe1RctnAOR+tUADBxn/APVThxjk0CuOZefmH1zR+vpmi4DT69TT
SeSAAcdsZpWYxCcDp+dRSp8jg4OR0oDcxRwfmwMNjHb61QcG1uxOCWDnBH9a
OXc2UmrI1W+ZflwW700ruUjOCeuKzS7q5W1yhk78g89D701sHhfX9a0sk9Dn
u9gD46flTWB3c807FK9y9p+1ZWyecYU+taGcggnIPSpjfVCluOxuBxnjAppX
IwePWqWm5m0U7oBLyykzz5pB9hjitQZHcY7YpjWw9c5BJouOUBB/DNLXce5W
PQ5GR7UnAJ7HrimMQ84559aQ4BxmkLcaV5zyKjkZVUsTxjkf4UBYXQNJudTv
Wd1Zd5AJ258tfX0zW9rGpQaUr6ToEheQjE11xkfl3ppXZUm0kjnQojQhepOS
T1Y+ppu84+Ycn2pW3uTqOhDbOeD3+tSZOSTzRYT0YmDkE4HrTccH8qYrW1Fx
jj2qG7t0uYdkhO09CKQtUS+G7LUSJFhvn8qLKRxqeRnrwegqvLrN5c6Uvh9b
nfHcSFTLdyM/lNn7wJOeAOO1Ck07ocrBNYWesWmqW1hqCtLp8IeF3YKtw/Vg
o7+31oXAsbVW4+TJJ6g9wa0muooy6Eb3CpnB3H+lQSStKjrsyPpnNc8nfY6F
FrVmS1hDLI3lu0TBeAR97/69JBeXNu5iuEMiAD5scj/CkrtWG2lsiyLm0uE4
fYxIG09qa1ljcUG4EcEdKtXM27srski3BHlsOmffipPLbIyCT70m09GU3LsN
EMhYeWjFT7dK0RbNHYRxg5kBPJ5/OqUbWbG3ZFaaFl3TQ53KuenapoL5Xi/e
qUJ9uKmqr2sFFtqzJpWyVbGex9KhJO4qyAYFQo+7oy043Laz5iwBg9iOtKkU
s7eWXMuevPNKMdSm9Nhby3NrLsMjoRjIxQbwpt4DpjqOMVr7Rp2Rg4c2pLFc
wyjIkAPvU+DgEcelVzXMZJp7DWwflTOffrWD4myZ7YgdA2RS+HVlLVmM33QQ
On3jjilXhSW7ckYrXVoiTs7Cj5UJ7dhSoRyp7H86pSa2ZWiRraXYw3OlyXsk
21ln8nZ392qJkgt7mZdzNCpCpLjhvX8OaaXRkpt7EmnaRLqcjLAAhwXwey4y
KwzLkcjnkUTSWg07jGAzg9+TUYOTisih6nAwT9PpWnZslzZNDcO25eIVJ4J9
TVXW4m+5XtINl7CjffzlvYfStPTj9p1CKIjIMm4/UdKyc0rmkUaPimET6PK+
ctGcr+dQtrUA0zS/NcNc25EW0DGFPqe9UkpGM21Z2N1+JCM8A9aa8iRxySSt
gKNzE0bFL3mjP8KeI5LDWLm4gOy/uAI4mKBh5Y5wc9OeaS7VI2dFGBznHY9a
J66lKKjLQjtY+RIPTAPqDVvHJ4GOlTC8UTWfNLQBHuJG7ilMQEfy5Yd+xFau
9jLmWyK865gZVHzN0x3rFtrf7NLsYZKqSfrWfvN7m6SSud3ZxmCzij4+VRzT
biNZ4WjBG4jAGelc8pdTaJ5zc2r297LHJlWU8cYBz6VY0S4+x63FM74TaQ56
1upe6jKstbnbfbrFyHW6ixn1zUFxY2E0xmWRYZB/y0RhWcrx1Ki00YmtqjGF
Z9RN1GhyI8Yx/wDWqx4Lid9Xu5gP3aoFB9ODxWkX7rbJqS5mkuh2Q/X2pGjV
hygP4ViakLW0bdsH26moHt9gzxiqU+4uUYvykZPP86kBwSefatHYzdyXfngk
k9zingqx56+wp7MSHA4IyMA9utPByRlsj0FLcLolQkDORn3qzFgrkAAjpg0a
XGSLlQTn6Yqq5O4k8H9RT0EZuvOqWauTgvx9a536+vWi3VEStbUZjOcjBPpT
iWI5AA7+9XfuYy02BScZPAz69KQE4PPHvQ7BJ6JJFDUW3ssY5zxx2rrNGtDB
arGEPA54/nU6mxvW64TsPbvU2OOpz+dS0WtBuGxjP50v3eGHBoVwYucDO4ce
vNJIcRk9OPWmgvYrZAQcHFcv4puvNnh06M/fG5x/ShLsNWNvQLh9E8TWEkkk
htpv3bqznapIGOPWvUMkSugcqh5HaqMlpIkC46ZJ96UnB7A+54pGgnbj/wDX
TGD7Dlue3FADlJZQS34ioZCiTqXVCjDBLtxQI+f7+FZrR85+Xpinac/n6fG5
blTg80S30Lpbu5cjYyOdxz2zVqAYypGQemRWL0eh07ozPEcBe3baMEDcB6Vc
0q5F1psMoHzbQG9AatWUdTnjq2kaC8qp544571DcJujOeuQelTbU1bvGxUT5
icAEdqMAbf0rU4mKqnkAELWVq0f2a9tbwAAbtp+nek9L3HCS5lobkUTzt8p+
X3rTt7dYVJQZJ6k1F00dMtNCRSTkAf4fhQucACq6mZNFGzMAFGD+lWAEhUDH
4Ec0NBdojZi5O41ESMkdR/OgV7CnLL3+hFMUHofzp7BuPVTxgcn0p2MdR+lA
wx3pM7j7ikgGvyfekx0IOPwoDQMAdOtMbkkt1HTApiMdlCTSoR1POfSqd8uI
MgfdP400kaN7XLkOAVRjgEZUmnMu0fP19BWV9dDTmuUJk+cnAAzximlMDcO3
vVXvoY2tqV2OZ128E+1PyN5I79qtuysT9q9x0TstypHzEelbYyTk4OecZpKx
dR3Wgp24GO/oaCMkk9P0pmTuypqXEccgHCuPvVpBgScggVLeupcbco4DJHt7

06b/AFef0pgVc5HpRxnP4fWjVMLjTgORnI6cUhUbTjkUwIi+B8xAA9Km0rTJ
9UvNirtQHO4jhB3OfWlfQE9TZ1XVo9PtX0nQSBIeJ7k8kfTHeuchjEagDIJO
WY9SfWndR0Hq9RzcZ6UxuAcmh7iHQ4yR/wDXpxPAIJP1pIl9yKeeKIsZGwcc
DrmqJ1aOMjfGwUng/wBKpai1SH/2pAevC+1RSXN3NqdvFp6NI7HKIi53fhSa
sON27mt4pln00KL2AWV+FBeONsmcEcEkcDHcVjoun3BtriXKy7SssL/d/wB4
VTstCXLXQd4eghXW7yMOEjG3yWJA28c4pGZiJHlYEKxB9+f61nJNq6NYySlq
a0Vpaabpy6jrR2gn93bg8tzx+FUJ9fuA+LK0to4h03LuNEbU9+oe9VdnsC+J
bxDm40u0mQHk7eas23iPQbiVo9Q8OMpPUwSbSapuJLpyvaLFlT4cSAGaDWrR
35IXB/LrVuz03whJb77DVNXWHOATCGANacqZm3OD1My9iS1ZzbSPdQ/wu0e1
qjuI5LRYHuYmjEqF4iVzvXuahws7lwnfRsZ58bEYYZHQdya0rTTru5jF2I8W
qN8zt0J9Kh6saavZm8+nHVLmFfs0NswT5lQbMjH3vrUB0W2MREbgnnggYq3Z
6iV09DIvtCvS+6zdJVHWPGCfas5oWifbcRNE/Qhxis79UjdcpIkQI5Ofp2q9
awpuD9G7EdTUct3cOaWxFf7pZj5jFgT/ABcmsvJjyXXjqRUp2lcabRXePLbl
4Ayce9TwXUsQ2hsoOx5NaBy3Row3EcwBQgN3yetZfiZD5FvIxwAxB9QTTtdG
FnexhK/l5B5J6g9M0x5SUyRyfy4rTzJta6EZ8EBRg4wPTFIZCWXb60X1uDSY
+K6eB/3bYHp2p7XpdAknKqcr6Crk0CdloSR6jcQFmt3IYoEznnHoKolQFwOA
PepbuLYRjnnGDUZIUjJ6mkV0Ogg0sYUzxnKDMiuuCR7VWuIX0/UkYq6IW3Lv
GOMcYrWSVtEZwlfcSGTzNTlnIGUU9vWtLRkK6075C7IuM+prCyOhSuzT1Fo2
0yZHPXGPc1xLKdhyDnOc4zgipg3e4pqyszp7bWsxxBgCxHz5PT3qnrOrrdW/
2aNdgz85PQiqs2ZrQd4bBF4xEJkZByf7oxzWpON5ZSepycd6crExbV2ywuPL
UKMY6mjPAB6D04pi57kij5MADmp48hWLADjAzx2p9NQtroVbJFV5byUBre2H
Cnu1YEd0r3cMS/vJLogFh/DznisU25G6tGOp6BNtiwig4qAsMHaOfzrBtJs1
WqMnV9MXUFZySs4GFbHH41jQ6Z5+oR2zWrWwWP8AeORnJp0qn2WOUbjbvQ7u
1nBT94gyNynqOxxTHgvn+VIpGweoQ10KopaGElYlt/Dt/dqPNHkjPVj05rsd
N0+DTrXyoumck461DldCjFaF0EHp+fajGRkZxWOpuIx7Nx61VnIx3x3pNt7F
LYroQx6fSps5HX8a6uWxz3H4BHc04Age1JiJF6YPAxRyueh/lT0AlTBHAwe/
erEJOcEYNLqG5O7BI/4t36VU2lu/4npVCMHXpvMZY42yiD9cVk5BOSeQMCrW
pnPR6jQCHORxj/JpeCxBAYg4BPeh2uJO6sAUq2CeMDoaXcojbPNErPVbiirb
mdaA3WsxoqnCvlvpivQLdRnPOfTNZ62ua/aNBTuGDgN2Ap2FGMHn0HSgoME9
v1pVVyvGCKYhAFOd3H1qO4PyhV25JxkUhrzIWznjtXM3UMd14t3RHJWMeYf9
oDpQ9tBp6M09Vh8/T5DuAkjAdD6MMEV6Bod+NT0W0u2Pzsnz+oI9avoZaJo1
yXCZiA3Y4zTI2uGPzxjb69DSLJOSPunPcAZqu8iwjYGIbPY/pQDJIWDJkAA+
3Gai1GFJ7UK5PBzwOKA6HhksW9cHFUdNR7bUp7WTOHAkXH8/pTlqFNWlc0kT
a+OMegq1yJOeecfgKzm0jshG2zE1JBLbccbeprH8OSGIXNo4+ZGyvpipjrEx
cbTOkhGUYNnpwaR0U5z1pPyLWqMpgVkZCcYOfTNPRznkA+ldCbRySiiTKgZJ
2rnvStpyX6BLgMIcg49e9S9b3FGJsJGsaAKMKBxSgk/eII7VKVkbPXYcctwe
KnjiDDnge3U0WutAZKzqi4QD8RioWJyc4JpJkt3GlgCD3NBJz0P1FN6iGjJ7
cU7jPCgH2pjWpIFyucfnSEYGefYZpDE4PXIpy9fp70AriEL1AGTTTtHXP4DN
Goho3E8Ee1Nfvg9OtBW5m3KlZsjuOcVQ1BI5EfJYccYOMe9Ne67opxvFFyGP
zLdSVJ46ikyASjfeHHFZX7l8tmVrs5bPckdT1qCTcVBHHPPFbJES3InyzJjg
dCR1oYbn44waLEdNRoXZggfd6H1FbaEGNTggkUutwbvoSbQDzg59KaDtHcE0
eonqirqJ/wBDck8Dnj1rQibMI9SBmi2o0tB3fnP1FPbLxAc49xinoBXPORnj
1pCPlBzU37jsISS2Ccf1qORlQZ3AduaBehLo+lTazfqhPlwA/O5HCL61r6vq
tvaQNpHh3cIBkS3R4Ynvg96pbjkrLlOehRYE2pnuevP1oxnocDtxUpXdxO6Q
jbuhx/iaY2Tu9/8APFO9hCwHBPPAwOlTjGSGJxQK2tjMvtPkuZRJHIo4xj0+
lU5dJuyACu4AcYP5002thrltqQx6fey3sVtHbl55G2og5Jru40i8C6Wy20a3
3iSVMgNgiEHPJ/DtVR1dgm/dsjgL+fUjcfadSkeWeVy5Z+ct/ntUM10zW0iy
IDKejL1AxT5ru7BU4WRmxzOJBvkbZ/Fn0qyk1w6syMwjQgjvn6VOyCz2NG21

FTalb3zJo+cMwzye1U4ryNIArId5PLeoPak9dWONos1PD+lah4l1WaLTovNa
1QO8TyiMMD059aW8sJLS5tbggocNlWHTBII9+QRVRjd2IqVfZ6lLXkjUW88f
V1O70x7VoaLqclnpywRkKqksfxrblVtCE+bVl+PX5dhSUrtfgHAqAXgVgAzN
gHknO0HsB6VFtB2sNhuYRIDKqM3+73rQGrusQjR2SJjkrnHIpSsSr7j7bXUm
vGN1eYIXapLcgY6VqW1xDOf9HkV+eOck1jUepvTWmhZ3MpBXIPrTJZjIm2dI
5l9JBk1Ck1sXZMzbmz04AyCd7RgOnVTWfM89nAPNQM8h/dgcEgjINVGPMrom
7T1K8l6m4pcI8Mi9VdcGo2MUwykgYdsGoV+pSlrYjeErztAxxTDExU4HoeOl
EmUtRgjcYPQ4/KqetvJOqGR8gAYzVxbbsTKKtcxyHHLDOWzg/rTT05/I1q2Z
LQa3QE9qbuwcKee31pXC1xApYY6fzp3lv0wTk+nSi4W7D1ikByFb8qXZIV5j
OPpR5j5XsNWCRycqw9TjrT5bcieLYjFfMHbNJb2DlPQrxLu+neS+nhZygUFF
2jAHeuf8ZG422clzcCVgpjQD+EDmtZWasRTVm0ZmmRkrJIcDJA+tXbaYWqzy
sD8xA9xiuaclayN4RTZU1G8+0TbolwCOBn88VnndHHtOQA2WzVQso3JqdmOi
ePY7sCTjGD0NXdM0/wC3SfMcqByx/oaq9nchJSVjqo4o7S3YqoUL1x1OaqxY
ctMckOcLUX5mNwcEWCucjGR6UjD5gRmtNDKzF4XuQ3Wo7qZ/L2cl2OFJ9aV2
aKxP4i8ux8KC3jbLbwpA6k55z+dcn4ciabxJbADdsJbHtisoNJts2lHmgj0a
Y5kYg5H1qEjHGcfQ8Vyz0bZrFaEeMsGB46kHrinRkkbiTg9M1KaVxsdwX7H0
qZeF4znt7VcG2TJE6qeCCc05RkkNnFXsZ2uO2/T8aPpS5mWkhjE981RuGDMR
68VUNZA9IjE3Y5HPp2qZRznGB09q6epzEi8jKk59qcOv92pKHjOMc04HBA4/
KqDXYmTBXgHHpUq5BGAcf7Rqba3DVDLq4ZOAcgetVJJ5HAyxA9qG2FtDAnJa
aVjnHGKp7f4s+/pWkZdzOdhxHJI5zz06Ui/LwQfw5p2djK6b0HKeQHGPWq92
zRQtuBDEdMVKKtd3RY8I2pee4uG5BwFb1/8A1Gu0t0Jfoo9TTsWpXZe2gIeA
foM00Z28hcewxUmgAhsjoPyoAweTk/7PSkIeGGcEAe56VEQGmAyCB2zjNAEE
uVDEccccYrntDiKvdSyH595UHHXBNMOhccrIrRuduCCSvT6Vv+CrkQ3FxpvO
0/vIgTgc9avciSOze5W1s2nkkysYznqK5+LxsCWFxp8uzPDRkHIqW0tyrN7F
uDxZpDHD+ZCD2K8fjzV+LVtGnGRdRfRmAouhFxJbeTmK4hx6Bh/kUTxNLbyK
HLAjorCgZ4aRkYXoP88Vn34+z3FrctkbHKuf9k8U5bExfvo2JoNspAGR1B9R
S7S2GA5IrCaujtjKwu0yQuh6mucjzaeIIXY4WXKHPY4pw7Gc01K51cC7X2nl
c4GeMUrKVJ/pRJXHF9jOvkxJkYww6+h96YE4xgkt3FaxvY5ajuy/bWIIWSfn
A+VB29zV09yw/LtSepolbYOSc5GOw6U5Qcg4PPQelRsN6lmKHOC+OelEjkfK
vUdxVitYjDccdaRmJIpWExueuOPcim8nvgVQtx4AJ71LswuTj88fjS1LEJ6Z
J/Gj8KlXsID04yfak6D5s80Kww6jbSZ75/Cna5Oo3GD756UjEYOeKBlK8UlA
VHIGOvWqc0ZeCTbjO3ipv71ir2joT2civCpi5A6gdCaW4iBAdcBh3oloUm3q
UpiJEwRz/WofuK2RnjoKqLutRN6kLIWHynHuelKeoA+tUJ3YAHBzjnsa07U7
rYZyOpz3qdiW7qxKQMUdcg1d9DOyTIblN1rImPvKRxU1i5ezibj7vNErM0Wz
LAYHIBA9alLfu8dR7daVkIqsuM/pTMkHFCS2Y9RsjKiM78BRmmWlpcalOrLH
J9lT5pHUZ2j1NHkOKXU3tR1e0TTvsGhbo7McSz4wznuKwcAYC4AFLQLiYGT3
5oVcknJ6Uru9gAxg9CfaosksM8AZOBTdhBBzK2fT8qnxmhCYoXBOefTioyJZ
547a1haa5k4jjXuf8KPQW5uebB4Yje3t8XHiJ0xLcH5ktQew/wBqsNS7O8jy
NLLJy8jnJY+tV0sRfW5g+JZ2BW3jbj7zHHIrMjeMaa0kgIdCfmHfPQVUY31H
KfLHQm0jShd65ZQTk7H+aXapYqMZHSt3Tbi2F9ep9kFxDG5RWU7dppWRTvYa
9is1q8EyosTNkKnYZ4/GsiXT4k1FLZXJDdc9R3qd9iLtbiXFpcaZLI1tNIqS
HJaJijEehIOcVpRTJqSxeW5RoFCrEOoHoa0hbmHUXNHQyNbbzr/yIidsS7SO
2T1NNUlUAA6nOfX0rRzT0M+RpEyRXDR5CEDOScdfSn+RcK2WRgWHBPcVle2h
a5mOjt52kO2Mtt5xiqvmyXlyqBdkKH5jngn0o36goNbEyxEyP5MZYdGYCtKz
gMlgJlZoJ0clSDgkZ6VM0jSnJ3N7RdSbULdxONsyHHTqM9ak1O7S1tmkf6Dn
3x/WuV3T1N3HUZf6Jruia1Z3U0Ss0bF4gWDo5xyMD+tYUl7Pq3i2O4vAqss5
eaKNcKmFxjHat4t2sZSSfvJnX6nZW2sReYmA3O1lA3CuFl01oNSME5aI54Yf
dJ9fpVOKepMG4osHTbhf9XeEjjr0NN+w3ykkSRlf1qOV3L57XRPHZ3hOJpFC

enpXM3U8j3jLIzMqNzVRTTI5n0JrBbZ7jbckhenWr91ploADHLvLfpWs2t2S
rydkUzYQhgzkkLxUi21uhGIgcccjmuRz1OqEEieP7OqjdGoAPXHerUTIUwY1
+tUpN3FKFtiOeNypaJVIPWq6Iz8Yxkd+cGp9puVyl6w0i4vCWj5jQZf2FOe8
gtl8uCIcgZZhn8qmTfRihC+pSN2zybCWH0NNZ1cDzvmx0yegocpWKSVwkWOI
oIh8r5YH3xQkQNsiTAtHLzuPt704rRc5HXRhPpkWwOrkY7k9Kpi2EN5HKyrM
FkDmKQcP7GtINJ2aMp3Ze1hV1HVnngsoLGDbt8mI/KD6itO2g8i2jjRhtUYz
7VWknoQrxSZJIGkQo33T1x3qJ7pYbwIU37Pn25wCBUx916lVHzrQteakzCRU
MYflU7rntmjADDgkH161d7kIYR8hOc8daXRbYX00t1OC1uh2wg9D/tVFSWlk
UkrjfGcCyWNuIwqSGQjIHWsXwvbyw6v54TOxSpUH/PpUU9Lm1TZI6Z9XthbN
cNlFJxgjoc81WTVHnzJZxNcQj75Uc/hS9jdNlSlypF+K4iniV4GBU9R6U/OM
c8noM1g7WNCwMKnPX2FCjOOOlO62JZYRxjnrUigYz1FVe7JsO5I56UYIOccH
sOtJ7j6EUxCxnjB7dqzmO445Pv3q6a6omb0sOXORkgD1qVeTzwetdBgO3beD
0p6475P4U0K5ICcgk/408e2R60muxVyRWOfQfyqVD6/nT2Dco3L5kIBBPbnr
VW4lMUTFgc0gMVm3txxxmpILV2IcHg9SauN1uZScbaE32RGOCQfp61HLbFOe
ij0qmZ210IMAMDz0I/8Ar1l6jL+8SIk4J6jrWbVzWJ1+gWgttKhGCWx83Fb1
tHlMcgetVdglZE+Ap6fhzQoyPl/Dio6mt9AHIw67h32jNBAVhtOPpTJsO6DO
MA+orG1eO4niX7E4WRXB39uD0pDWm5oL+9jG4deCB0zWLZAI1xFgZhfIz3B5
p9TNbBMgaREiPLnnPNaUhFjc2d3F8rQv82O4PFUDd9Dc8U3pdI7O1bcr/PIU
Ocg9q5w8cdMccVjUfRG0PhGkjuMCmPGjH7gB9cYzWbKEWLYd0bOp9Qxro/B9
rdz3xuZbu4W2jONrOfnPp71UG2zOascGdogilU7kkGQR0FVtQt1urB1JPz5x
z6d62Sa1M3pKxc06f7dpdtMpGQm0/XuKlwGXaeeeRQ0jo1TFXhgFGTWTrFh5
qeZG2Hibep9TUJ2eg5vRM2YpPOhinGMugY9uakzuGRnPfFMlX6FaeNpMKi7m
HarNrZCL5mIZuxxwKaemhEtXcsMoHU9D0o6jDDJ9R1pgOVCWzj/P0q2sYjAM
gweuO1GgEcjlwQvGP1pjEdQQf50C6kRODjFLgYPJ56mgAPA5FKFBzSHexIoB
AOef5UrEY4yD/KgbYwEnr+o4p2fT8h2piDPrjH60DjGBmjYAIGSTn8aax5Az
kUMNxDyTmmtzjnoO9IOpXnXKnBB461WEZ2AIf++qLa3L6WESF4DtTaFZskGn
SStsw8bEDqy05RuQp2WpXljDL8h+YdB3NQpGXXI4HvxQttQ5o3K8iddpAwcc
U04wADz2p6WHqGck4HPpWhYMPI5PQ96lIctizwMenek6k4Jyfeqt3M7roJtL
LtBznio9LJ+yhW+8pYH35oKRcz68j6VIoDJU9AIGG45Dd+llwUJ8x2j1NC00
GxNI0u78Qaj5MWY7eLmWU8BR1zWtrGswQ2h0Pw2wW0T5Z7rOTIfQGnFatjnp
7qMGONIk2IPlznHvmlbg4zyO1CdybXVxvGOSaVfmGAaT3uA4jI+Y4APX2qu3
3sDnNO4raiwAGTbjJAz+FWGJUMVGf5kUJO+omrLUj3TS3EdrZwvPdycRxKDz
9fQVvThPCds1nZypceIrlcXFwOVtlOcAe9XFakydomCF25JZmcnLuTksfU0f
xZ44NS9dw0RmahpIu7xJjJhWwGHYCsS8j+yNLaSj5DyCOv1qlJlK0ti34T1T
UtL137RpJD3Lp5aq8e/I9MZq34deWS31C6ueZri6Z3yuPmyc8duc07NJ2Elr
zM0ztIJc4XrzWTpym4vJruTDHGFHtWeodS9cf6hgUDkg4B71mrb/AGS4t1IK
SuCzlf5UuXXQpXSItN02W4vPMlcRvKxALnBq/ZWm9WCxjKsVzjgYrSS5epEb
vdG3b6NI0I82TC8dqtNptphRNdOdg+UYB2//AFqW7uy3a1kUbyC1iJi0+R5r
nHUHAX3JrAWG3TRUlSXdKzneoGMc0OStoVTpyk9R+hXjWUjPKgnjJKsh4Y+h
FV59UdrkeVtRJDhh6AUrOWwrpTszWgniTU7WS3I2ENGVI+9kd6TXpPtNp5a5
688dOmKwcWnZmqkX9I1290u/j1C8vJ7uSBCIopZS6opABwCeOgrN0yRrnWtR
vrll+1XspmKLxgEntWsnyq3cyg+Z3sb9hOYrlY84VuPb607xHp4u7FpFX94m
NpA96mLvHXoOStIwdMEjWQ3YLBj7nrVsDK4H0960T0MpaMcD8wx68Zrjddtz
banIUGEfkVOq3HF32M2RmVCMnJHp0rXsb2KaJVc7Xxg+9XLVGkHZlgQEu2HB
GfXt60eW+M9RXE3bVo6o36DvKJ5bt2pTHIjYCg5xxnpVKdlZhKLbLURYZXGF
+nNTFQBwARjr0pN3RK90WKSSHJjdkB9Diqk8akbiQTmmodSkyosAwDnkHjJq
YW+5COMVT00ZKaIpyU8w44RQPxqaaZ4rJLUDKEdff+gqpRvsRGz3LluyW9r/
AKsyShcZbkfhVMqRIXdAWY8moUmgUbq45Cm7a3duM84/+tSiQ7fMib5PTrWn

PZXZSTeg9L1j977vtUc486YygbWIxx0xTUzJ09GaoBQDPYDBzQckcnvV2Rz6
rRkcu+UJbxcNMdufQetdBb26WlrHbxj5EG0dq56mmhtTV9TD8TuDdadEDjaZ
JCD7CuUGoT2V0ssBAbB4PI/GroxVtTWor2sXokjmVtRicXCpl5oJOPm9ce1b
+nX0cmnQMbqK0Mw3LFAAXx3roslojmd5O5ix6kbN7mOOTDRSfJuX5nHvXSWN
wt3ax3C5AcZGa5q8OqN6U31LWeVwOalVsAc5rC93Y2HAhhx1qeNSU+8eDmqS
SEyTjaBjnv8A/WpDgegPrjmh7Eq5Uu3wpBOMe9U1HQZ961pmdQmBweRk9afx
1UVqZXHjOMnkGnd8VKfUdiReTyOnengY749eapsCRO3epCQIyT196GHUy3O9
z1J/pVLUWwoQcgjmheZTRRgTJAPJHWr4OML6cCtlscstBG6ZU+9GS42FvlPb
r+FGy1BNPUq3kBiTzSeDnrWPaRPd6xFHnKg7un86yb1sara56BbIgwFBA6Db
0xWkEjVFA4K9s0dRoUgH7pIPr0pdpJ7H8aT0LEYgMA2QPagBiMrnb79KFsA2
UgRMM9R0xzUSDKbeMn1609hPUrRAwXDKThX6c9/WqV7G0WrxtjCTLsJ6cim9
NRLsWLRGa5dmBAQYA9aj1Es5WEYw55I9KOgLexJgwtsjJ4A/OpY3ZuGYY965
tWaqyQ/apPMasPzpjpAQB5ZX8aGA0QQOwUzOoJ5IHNdjb39rYQQ28VlO0a/d
ckdTzn6VpTSvoZzZ5qIUhTygmIv4R6UMsCjG3n0B7VsTfUIo1iXCIsadQFFP
RcNnnn2qNbm0e410OTkH6in4BQAxhsdxxSilccvhGtgLgI4x0AHy0IfkYKRu
9OgqnG+pnGVtGT2UkT2yE8ORyxHU1ZKsf8aErA9w28kgD8RTghY4A4+lAydQ
sa5Y4+nrUDu0mctwP1oJITLGmd0irx3IFYp13/Tioj/0VTtL98npTtoK+tjX
Dh1DxvuQ8A+tOXAUZpWGPA4xkj6UYx3H4UhkgBxmjI655ouIQ9MdfTmkz2H8
qB7oUYxgAinKB2p6jWw0kk85+oppw3oaW5OoHFMJz3J9KNRkUo+UgDPr3xVJ
50j48xc+/Siw07A08YAaeRyT/dHFRm5gTlDIAeOv86rYhtsa1yjIfvEg9xSe
ehbb3PUsOlMckk7Iiul8ucIwGO5FV1j3DbxgDIPb6UkTfTUb8uTx0HOf5VYs
5gsjGRTjHJHalJ9i43ktTQBJVWB+Vuh7GlHUYA5PWqIe9hRkMMVBpwA85ck/
Oce3/wBak+6KjuXhwexH0pyc8gc9wKXQLEMjBGLEjApumWVx4gv/ACbNf3IA
LSv91B/eJ/pSjsUkupoazqtvDbtoHh393bqc3N0vVz6ZrISJI1Eca8Dt61bu
lZhvqGevb8KbgFRgc9eelSJvQTdgfM3XuB0pMfN1ovcNhGc92x61Ex5AHekr
sdx0bqufMOB61Y1LOn362d3sSV0DqyuCNp6ZPrVWuQ9zb+12XhW0e30WeLUt
fuV/fXnDJAv/ANbPA79T6VhIuC7M7ySyMTJK5y7n1J71d0o2Ie9xRkZzRycb
sZ+lSVYa2MYPPtXOeIFzfbsELjCt6+v5ULyF9pDNHZtI1UXccmZlX93js3Y1
p6K7LojXM7h5JZXlkOP4txzTblYp2L9/a3UPhwXbQSBHIDy4yq5PA+vNVNL2
DTsqQcu3481ElshXNC1to7iRxPMYcLkHGRirng8aQ0t/r2p3kP2fTsrDA5H7
wgH5ueuT0pqOg3fUw9MaPWF1HWr2ILcXU4aNFHyRjkDir+low2xQsocH+Pnn
rTmtQj2NG6ubpIwlwEjOOWQ4yKyHka6k8q2Yqh+9IR/Ks5N7GkbLVGFfalP5
ht7YNbwIep5Z/es83knlFFJECuWC+/qaUdN2aN2VkS205jcuZNj+XlT1GfSk
jCpEBMQob5s+5/rXTCMXHRnLOUuZXJ9FMjXEpaNmUABN2Rjmt+xuLYymG8R2
kzhY1Gc1ja5o+a9jN8iSe4cKDwxGCccehrSsrGO1lM5O6UjGfT2qJSVrFRTs
W03y3CxxNtdjwam8rWoBINQuUktt3BHpRGLs2hya2Zyms3s1nqCJaSlVx8y9
jkUtt4hIwLmMk9ytaboylHuakWpWk6kpKBjru4rpvD3hy11OI6jq9uWhI224
PBIxyacWnoZ2cdUVNV+G1vlGfSrl1br5UnIP6VxWpeFtQ012+0W8i4PBVSR/
KjlNoyT3Cz0rV948lSygfxjFaSw3aREyW7MAeSikjNRUpORcZqOlyAyxFsYZ
G9GXBpylfNQ/eG75gD1Fc8otG8ZXZoz3Gk/ZQlnDPvPIZzwP8apbwFx1z69a
uSsiUm9GJ52CN3TuRTWkRlII5J5Pb2qIopR6oiZOSVkJ+gqYFVh+Q8k5HHX3
q3bmViXoroo3BLyIoOd8g/Gr8kQJpVWthRbbvYEyExngUuF3YzjHOe59qrbR
DvcV41c5x78cVXlABxjr6dKjkbY1PlItn7zjIX36mrSRkAscNx0zzVc2qF6l
6Ld5Sq3bpTsfOOec/lW6fc5J67FvQIfOeS9YfKGKxAjjjithiG+vrXJUetze
knazOT8TSH+0wVb5o4iv1JA/wqjZ6B/alpFOkvlM7YO4cfWri2ooc/isZ+s6
XdaDqItZ/lZhuUqcq4+tRXt0J54pBAlusa4xFwfzroUve1M5Jx1HwQtLK+Im
nkl6Y/nXb2kLWunwQH70Y5H1rnryTVkaQi1ZlmNCMMevenlircHntxXMrLU1
33JI1BPHNTqSDxk1om3uToSKe5GKZICAckn8KHbqLdmXPJvc+3amoBkA4ORX

TTVlYxm7y1Jox8vJ57c1JkKAAOM1TJsOX1P6CnjkYHSgY8DHPT61IvI9BQA8
cnj9RRcsFixwc+tDEjM3Ajj8/Ws69ctMB6deKNQbsrjLNgZj8p6dccVbzuz6
5rVIx5ubcUjnIxQvGGBxSaYaFfVpAumSZzjpjPJqDwfCrxzTPlmL/KQKnZlt
Xijs7NAvPqehGautkgAJx9KTZaE2hhwSD3BHSkIIGM5NIYcngsPwFA46rt9+
1GwiK55IUEZPdads4xjBpiZG8YfqpBHcVS1aB5NOJXlojuBzz1p9BddA+1Km
lG96l+nrmoots85lXOwDAH86mT0sUtNSUjrnv604AjjPHtXPezNQ5Xv+NNz8
2T39qbfURe0hIjeK1xuEa8tsGea6ImyuQdl0oB/hcYralsY1NWeei3JAMkrP
6DHFSJCin5VH4jmtB2sOKqeCB+BprRBTuVwPTnOaNSk7AytyCyDj1GaAUQZ8
2Pj0NTy9RuStYY08CnmZMd8NTJLq0GfMlX6elWZlW2mUyP8AZmDJnP0q4tyR
yGZWHcc1L3KV7FmG5Z3Akxj1wc1eaRYU+Ukk+1SMqSOXYk8+uelVrq8itITJ
M3+6PWm9SXockZZdRvQ8p4ZvkQdMe9abRxyaebJVHk795JHJPv8A4VtGOhEn
0bG2VzNp8jK43wE8Z5xXQowljV423KehNZSXKzRaq5KBknPAHf0pCDwD09qQ
xwOB0+tLkAnA60vQQmMHkc/nSZ54x+NAJi7cjj9aVcYxmmMQjFJz24NLYQ32
wfWmlh24/rRbW4xjAYPTmsS/UxTuTgJx9M1QWKqy7lKE4Gcj0zRnJ64HvQ2V
ZWHO4X5Se/NI8gBOOFBzzSWqsTLUcJN0W12bAyc5qWCTypAAASfyqmuw4pWs
VT1ZgDk9APWrOmkC4K5+8ORU3uQtC+Y0AwuRRuZQSCcdgafoQnqKr46g5plt
xdy4HBwQO9D0NI7l4HA/zmlVgqkswGOpPHFRp0HsV9P0+58Q6gtvaLttxhnk
IwFHYn29q0de1e2tLU+HPDLgRc/a7wdWPoCP8/1uO92VNqMVExoo0ijVIwAM
U84GQDjPvUti2GMcEY9cfSk3YHBz9KonTcZ6nHPTFBOVJBwO1DQ1ZjCQfofW
kRQ7kEn/AHqWqAomK91HVltLCGSeRArbUGf/ANVdPpU2k6poR8OvbwJrJLpL
eXEOWifOc5wTnsDkDijfVFS5beZn3Nws32fT4dJtbKeyINzexYL3JAIC5A5H
OcknkDGKGPzZHQ+lXdWRhIRQNuDkelG3C4AyR3NSONhpAzg9T0rK8TRk2EBU
HKycntRdIFqxnhXRT4n8QiwW4+yjYWaULuIwuRgfWrd9pk+i3ureH2m+0PbY
aOULs8wOu/kZ681yvF2qcjWl0vwudEqaSv1tcWwmnBs7G6upv7OlBMkTHjeB
wcd6NJsxBfSR30n2WzmkYW0zj5Ceu3PrXZa5jzamhqZsLLR7maW8JuQpWKJD
w3uT6Vw97HttbVJXBeV+FXt6nFNJLclt3NB3ksNQjiik8yARh2RT8oNaX2to
ZEvLb5ohzIoHPAq5RaHFpS2NuWdNdtz9mZIoIl3ySscZ/wBkf1rFGp2zXC21
u3lQnhplXOz3A71i1fU0j1XUpTaM15epOjNEsanL7uZPQj0qY20E2nfZEjKy
AEg45Jznms5WUrI3pRvDXc5uVGRjGwKkNwDxUuAGUs2VLZx6V0rbU4tVO6R2
GlRJbxxyyPbkI4LK6li4A6YHY+tW7zbcak2p2cKRGXhAowi+9Q0nY0nJuV2V
LO0lunuY4G8wwndJIerMakVpFZEcgu/AyO/ofespxuXGTW5u6fYfZt0kx/ee
pI+X6VT1e9ik+QNiFGx1zuPpVv3Y2M7uUrnnusLImsTx3ClGjHAPGQRwaqLy
CR1wOfSjWKBpM2vCeiSeIfEEdoq/6JGRJcNjjAwQPqcflXuhMSIkMAAhjG1E
AwAPpWiVkZvewzjPynj17Uy6mtLO336lcwwxEceZjn6CjYdrnKaj4k8Mnzre
yndZ+FV9o2kk9a1rWxxYRmwuIbuEKMmNgTn3FCdwasYviAw7PssttEbmTr8g
yKrW3huwa2Xz0dZcZJRsYHpU2UpalXcY6Mr6j4ct7a1kmguXXaMDcOtULTw9
e3dqJ454Np6KwOTUOmmzT2r5bsc2gX8KZnt1cY+/G3FZF20VrKq3cU8eT1UV
DpNGkarloi3p8NhqW9ba6lM3mBI4ljyzsR0pl/ZyWAK3KyxSJncJEKkH3qVG
SegpTXUyYGAuIfM4AycnoO9TTX9tlQJsjGc461c48w6chEvomG1XBPXgc006
hCWGD8wJ4/nSUbLzKbQj36c4DAfypjXxkUZTBJzyelU6U+Uj2kblmxilvYWm
WRUWPIPc59qXSC01xESxKhWJ96UVZ6oiVTsbBBz82OeaHUEMBznoKtvQy8iX
wtqUCWa6ddECaIlfmO0cnOa6U2gkxskAz0J5H51ySXU6ItHn/iTedQvgNrMJ
I4+DkZA7V02mxmDToUK4bbk5qnJOKXUb1mV9a0hNVQfMUlQYRjyQPSqH/CP+
Tp6oVWa4BzuYcHnkUe0lHQc1zbmraW6I2xYViYAEjHUdjVkocjrWU4u+pUGB
JUc5+tMycccnNTuWWInwQqgk+wqwpOOPX0q0m9TPyJRkAnANV7uXCY4A9ugq
0ruwbGW3zPknn3p69fmUjPrXTfQw3dyVeKfnp/I9qNGSx4Bz6/1p69MBQO3F
LYa2JFG3FSqMijcB6r85PI5/Cq18+SE7fnmnvsHUpNhVz0/pWRIweRiSM+n9
aFcUloPicCcYYe9XFABOOh71qrWMOXUX1Apyr5nCnmlqO5h+JLlX2WsJLJ0J

HUk10mgWhtdOijPDEfMfWk9DZ2SSOkg+VOgNSEFjkHnsM1Axu0njoc9qQtzz
j60DuOCjGTkE+lLtycAEemetKwrkMIR7va2cqO1W2jz0wfrQIrvG2Djg/lUD
x+YjJxhhjpTBHL5kCmyPAWQ8dxW9bwiO3QHrWUm09TVpD2AHbj1poA9OKjQb
EZTjg/nU2n2D30rBTtRfvMQcCpm7AjZNrY2YEcLyGQ8sxOaayrxtZGPucGkq
vLoU6N1c80OoznnfSreySnDTMmOM5rtV2c+1rD5xOLcOvmk55b+H2rOa6l+6
0rE+g7VSWmpKd5WGmV+NzNnPr/Wo2mb5lLjOcfKcVF7DcSvlwxDMeeB3H/66
ly+fmJx2qr3WiDlLWkymK/2ljiXg+2BXQbVY/wCFJ6DRIDyOf1q8rb7fOTke
tSMiz8uBx7Yrm/E0U8ksbfMYlOeB3xR6C3epgo8iPmNsFTgZ6Vr2V78ojm4f
GNw9a0hP3fe3HKCvoaY2yoAQCCKZbySafLhcvAeo64+lOSbiRGaTszcidJwH
iJKnpUgxnoSKy1ZoOONvP8qUAgcUgsIQTwePUUKq89M+tAhMEcc+9KARn+tM
YnXnIx3J60vBPUZH60nvcCJuhwMn9KAPlJJGOvWnd2DcYQCCMZqpPHG7Hegb
HQmhCehG0MJTHlqM88DmsydNhwBx2q7dSVpoMQKrBpOCeMAcU5lUtsIJJ7ik
9CkiJRtLHOcnpTiTnAOR7iq6hbS4ihtrY9M8VJbHbco4PWsm1eyHa5rFsgc8
HpTCMkEEg1otDGyFbk9SDUa/LeKTxvXHWl6lxbuXOAMnoB1pljZ3Wu3q2lkr
qhPzPjgD1JrN+69DZJPVmlrWsQ6dbN4d8OELxtu7sYLMT1AI/wA/1xIIEt4w
i9xknOSfxqnpGxD1dxTw3vjIFLjB+9Q9dQ0GnG30Pp6033H5elO9gVhp+UDr
jvzTeeh6dqTYLcaAVOeMHmmQx3V/ew2GmxmS4kbGQM7R6mlJ6aDjozo7/Ul/
B+jXOnaGBNrLJi6vTghCeij3/l+WMPwLdRW82o6hf6y2msypE0vlh2nbnIwQ
fatUko2M97yG207SoHgiMKHK7X+8fc1MihEAJ4Hc1mtrB1sBJPAII96BksST
zVeQttBTkNgce59axPE7lIYohlctnPqKaaQct2ReEtVutM8T2s2nPHHJJuR/
MQurcdwCD2HetO31S517VNU1S/2fajIsLCJSFAQEDAJP86xeHjKTqPun89i7
ytZjoirXcc5G7yj8n1roI9Q017PyL+JGjQ5iiPJkc+1b3uTayOGuoJL27v3A
+z2KzpE7hCyQg9ST7VQ8VS2LanDBpiEC2j2ST7jiZ/7wqnpdMW9ivbzeWp+b
l/kzVuyuZbYbRjZj7vr7GlN8y3HF6llIru8t2SAeXE/HtXS6VBo/kR2qg296
qjc0mPm/Gs1c0vYtT20kA/eJ8vZscGq5QOe31FRazuyue5Ru9LhuW3TR/OO/
Q1lT6V9juI50VpwDgQY6kniqU21YzaOr1zRtT8IQx660qGO4RYZo9u7ywe3P
c5/Ssa2vLTTJb1dSW6Rhg20QXgqf4jWs0lG5ClzGlpLCyjV4mOJPmc/3quap
ZmSEXdsBvXkjsf8A69ZJ3Le5RvdUlFgu6YeQEOGA/Q1zsN/Ne3sMMamYbstg
cKPWqWsh6JGTq9y9zrE0zPvIbarHqQOKqoHldIok3zSOEVR3JNFrvQhaHuXg
zQY/Dnh+OBhuu5wHmcDJJrZ74zj+ZrR7kIp6tf8A9mWPm+WHldgsS9N7HgCq
DWNlpenTX2vyLd6g6E4l+ZY2P8Kg9MUug9rHm0WrWazR3BskdEB/dkYyc9a6
OW6tNOtV1/w/cPayKB51gzcNnjKj0/WovdXLdoysa/hq0Op412/zKs4zEG6V
uva27fwbfxwKtbESd2YPiuNbbTY1R+XccHp1qaxTy7KGNRjavektWN/AQ3mt
abp7bLq6VW7qCCRVdzouu2x8m5idu2SB/k07is1qcIhj0vxFJb6fdurblkil
Q/OkgPQe2Ks319qOpi5XVZJJLlXC7XBy3vj6U2nyajVua4zTIRJfsHAxHH8w
bjn3q79htgcpAM59KyjorjmrvRlGO3jOpylVVVXB6fpWLexmHVrmPH8WcDoB
gcVKd5o6GrUeVjghAODkUgGFJ9D1zXS5LZHKotI0dGmMQuwucPGO3UjvVrRU
KSEn7uwAfXvS5k3cnVaGsT03EntmhRhwcc56d6wditdjMsIo5TdmUB8Sfr7G
p11GTSr63ZJZWtVBaSLdnj0GaiUbouL1aK0CR6rq9ogfbHdTmYMeoAGRn8hX
ossL7yMRTr2Kd6iceXRlRet0VZIrVx86ywn9BUbWDOP3M8Ui+hO01ny3Whqp
PqUJrZ7TVIi8ckYnU8jOOPSpyAeVNZyi3uWnqNdc9cY70gQAgjmqSG2SoNp4
yGqwihR7042JdtxSQDndWVeylnwOeecVpHcl6ohXnHvUq9T83Hb1re5iSq2R
g8+55xT+rHn9KnVMB3GOTxT+1P1AkBGMZPFTKoI+Xj68UMRIpwCWANZ1wd8r
c4wetK7uMpXjlYiQeegPasoLnHXGO/Wru0TMXO1gwPU4HrUy3O3APQdx2pq+
5KfQnN4gHMf5VFcXr7GMeMY7Cqb0EoxRhWUYvNdhRiSA28YOM4Fei2KjPJ4H
tms76F6NmqmMn5eO5x1+lOwh6Hr2xzSvYoQoPXB7DvTNmG9/amA7BLAHb0zR
IEUH5wMUMCOyBZndTuGevarwyOT17+lll3uLgEAt+XcVDLbBzlOD39PxNAGH
daZLFqJuChaJgASgzgirPmIS2cqP9rgVnUvuaqSYKUb7pJHpSFQRxk/SsdWy

1YQIWcIoyzHArqbS0jt7QJGVfH3iOSf/AK1LeQWsVnity/B2n6U2S1WRColQ
j1JwfpWbjdnRGTR5AJFJwDz3PPFTwKAFmuFLw54I716iSS1PNndaofa393HO
7x5IY5COOBxVedDIjXIQFS4XavXcfb60dBOKTvcX7JOThUJ/GkOm3Mn8GT27
VNr7lXW6HRaRqW4/uBt9ScU6XTLm3kAnCKOxzkUXdx7IryQTWi/aAwJQ5Ixy
R/8Aqro4HV4kcEkMMgg5H1pSXcrmTWhJjnOM1atGyCp6VK2sgJWA3cDAqOSM
OpVlBU+tC0AwtR0JGbzLXKtnJXrmsOaF4JB5gKYJBJGM5pN21KppuVmWLa5k
hbYPu471q21yswUj17itoPm1InTeyLu828oktxiPo8R5z/8AWrUQrLGrrwG9
TUyaTGloKOvX/wCtS5yfU1Iailue/vTTz0Pvx1oACAB1NGSwGeBQwA9cUHHr
kimtUA0r19fr2puBxSGRsAc4zj1HFQNwQOB9aaJY1sYqjc4LKuOT1INN6mcW
rlST/XY7nv7UkgJZSCc5/Sov71zVPSxPcwR+SJYGGOjr3B9arpgMMng9c1o3
fYIJvcGyM8/mOfpSKSJQ3Xnj3qVYGjXYk45yD3FG5cHPJNBFkN5Ix1pjOFnj
OM8459Ke4lpZlqzsbrWrxbaz5Q8bh0+prS13WbfQreTQfDLB7hh/pNx3/wB0
EdqUUnI3btCyMKzsxaxsTkuxy2eTn1qc8nGP8/WlLVk9Bp5wetJzxgAUBvoJ
k5P9e1RZ56VRNugE4X5gMehpucfeoQ9BkUdzqN7HY6ZGZZ5Mj5RwPqa6iU2v
hWyl0rR5Vm1aUbby9/55j+6D/e/l/JRi3K4TlZJdznbxY4rCUSNhXGNxPJPq
TWLbWkyQAeWWiJ+aRQdq+h/+vV7vQhOx1K6ZqLaa+oG3T7EgyZVkA49cdarr
yOcUrO1xXQbFzyOnWgjHDfgRU6XHe2gnOCWx1/KsDxOuY7cKfmyTyeoxTT1F
1MbSJfs+uWdw/CJMA/0wea1dAcl9USMDa9yWGTg4p7x3LWr1NVnWKNnbgCse
W7kjnS+mGEib5Q3enFdWTKWlkXJvFN3deHh4d0y3ihtbtme6cJliS244Oe+K
xLawjLXL3gZAHAQfxY9QKUvedxcttB0ksaxMIYQkSnhiM5PsarxuC8zE7di5
Zh3Joa2SCCSbL9lc3unTLBtJVAGMUg52nvW3Y3llqt5FaXH7lJeDIwxs6c5p
RtexTep1d5ZXulWR+xWs15Ekij7QWV4GQ+hzuz74x2zUWm2aa7ctb6eY7W9U
Fmjnyox7YBz+FDSmrII33I9X0nUNEb/iZxR+U/CXELFo29jkAhvbv61V8Mar
pEfiD7RrIdIbfAg3Lld/94/QVnFWkaNOUbj/AB7rD+JtTht7CZJNJtDuBzxN
Lj7xHcDPHvmqUoa5cPesJZdoXLDPHpVTbashqEVFPqSwwlwqRIdoGMY4q9NA
9vAWW6O3HKE5BNRGLvqJtLQoWFhpE4uv7evGtrCFDJhDy7enSuI8Na7f6Hd3
N5p5RXnjMREihhsOe3r0rZe7qjJxvdMz0UIoAOSOdxrvvhd4e8+d9dvYz5MX
y2yuOrEfe/8Ar0UVZNtim7KyPTnZnYszZJ6kUwE9wMe1XYk5bxxfyWDaZPbr
lopd53Djp1/CuN8SeJX1OM2/lkea+HkZvm69vSp30NVGy5ihMbVVtoLmIie2
BEhU/ez0o02Q3uoC3dwqH7nOP1p2RCf2kehfDgTr4RKTlhsmZVRv4eSK6YKe
hPX17VT30J1OV8SP9t1i3gjOUj4P1rn/ABr4ge3n/srTpMSAfvXXkj0H1rNb
2NG9EcTMTG535LdWOealsrhLeZZnU4A4K9TntVNcrsxSvJHSyw6e1lY3sMtm
ty/7xmwfMjYdN1R3FzMdROpX0pe767l7jHBobvsKCktWhNHLS/a7puTcSZLH
ua0AQ5A4Az1BrKKCUknoZdnIr30isQArFW9/Ss3Vo2Os3E2MxtwPfA7+9OD9
6zOq6dNMrchDk/McdKhU4BHUkn8q2dtUcrbLVisjTNGM4ZMMe30rdtEWzTE7
FfNxtJHX2FYOpG9hqm5al3IK4VwwB5plxKLe2lkY/wAOBQndXFK8dCKxgaGy
VZMb3AL49aytcbLSqCuEXZkepo3BLUb4XnMGpxyyj92iiL6Z/wDr13F5E4jP
lyPER3j4rKrJOVjSEbXbKUOsapaYWRorxB/DMuD+dXIdf0mYD+0bC5s2xy8B
3D8vSnyX1Qc+uhZc2l7qVkuj61FOzbv9cdm0AdDWjcWd5CM3um70H/LSLnP0
xWUtEaKWtyhss5Cd0j25HQSrgVILF8Zh2yD/AGDyfwpJFykQlBu/eKVf029q
cC2P4aTaK3RHcSBUPTJFY7MWkz61rTauZzTsOGewH41MgyT7dOK1uY8pKvHp
mlJxQw2RIrHvyPTNSLz6D3NMCRTk8nGP1qUH5sNyaQbD5W2REtwMdfSslssx
ORj1PU0albIG/cfKvYHJFVCOThc8Z607ETd9BCgJx1x0J4xQqgoePrmq6aGa
TWo0huM9h09qhu5GSJtnWk9iua0h/hK0jmle7YZaM7V+nqK72wjJQEgH3FK1
lYd+Zto0FBwAWz70hBDZOVx3oKGMQRxk5pvTpyfTp+tF7DFO05LAE9yRTZm2
xcY6deppAT2caxwjIODyfWp9ygen1oJuAZR94gA+2KcGDcdAOvGAKAWoyC+t
JLgwwSeZKv3lHT8atlYnHzxRsD/eA5qQFaG0YYeFSfRMfrUElhYuM7GUn+6c
UuVFXK8WnxW96s0U0hwDgN0FX1cr8ys2fY1hNWlobw1WoCSNmxIiHP4ilMEW

SVj2k+lJF7HkOMyiNM5IJJxjjvUzMPuR8Rpwor0Wup5z21IgxWSNWOWdsCtt
NMtwVZxvkHGR3pSvY0jFN3LHkRR9EAx3qZdoqLlDi45Jzj86p6gglhKnn0o2
CWqMJoiQUcER9DTtEcrA9o+N8B7n+HtVu7RlS0uaoOMdvap7ZwsgBrNm8Uup
cfA6jj6VEeccHj1HFJiE6D0NQ3Vpb3K7ZkDehAqtAV0c9faPPbZkj/eQnnGM
kVSiYx5wAMdQKUnZ6FptqxoW17g7ZsMnqBz+FX47v7Mxlh3SRN1Q87fpTXvb
kWszWhkSePzI247g9RUoI5AHT0qfIbTuIMHrmjIzheKQgIwoPH5daDyOmKrc
Az8pH/1qTGKAEIycn86jc/LxkD2GfwpBca3C1Ew79z6DrR0GQM3BJ6DvjFQS
qCPMIwe2BTvYlpJFV5CxjMgXGTnA5P1qNx1x09qNXoUlFEaEq5DHG7j8qchX
cd3JouNaMVmyw469sUxxlSM4479qUU0xvbY1ImzApUcY+tOI2nOP/rVSdjFx
uyOWRIYjIzdOtVIlnvrtVVMluAgHT6+9VvqNKzNFtWn0G2k03SpFE84xK2Pm
HsD2qLT7IRDdL88hOSxPJ/Gk4pbF87epdmznOMcetV2JPI4PcdRSYk7DGOcb
uCKCcn0461KVir63Gt1AI/Omv935ev8AOn1Bu40KWAwTnNRwQXep6gmn6XEZ
Lh+CxHEY9SaduiBd2dE91beHoZNG0KZZdQK/6ZfKclc/wA+tZKoIhhc46nPJ
J9au3L7pk9XzFPWLc3NgVQgkHIBPWrXhma/ttB1OWC4hWMKI3tpELtIvPK46
UnbSwR0i0UtEWIWilDJvOSwZycDPTFaR4ODg8ZNLdsT0dmBwB1yfzpoJLCjQ
He+g3I5xx61z/iXLSQbVGMElvShXRfyMAQsZo1dtoZuta+hzCKW+DgB1bgY4
xim3Zaijfcv30K3UYjcuEHUDjPrS3ccN1pLO+xf4UjJycDjNQitzDjiFpN+5
JLE5XHJHtVu1t5tQSW7L7o4W/enPIHTFX5itZ3Ot0TwvJrlrFp/mpDEm7jAL
KcZGfwrD8OH/AIR6+1p7zRotY0+KY2UkkiBkQoT82SCP89a1puydyG123OYu
bh7m+eYSscgKjk4IA6Ctuw0uabTL6SwmWTyFVnjY4YrnJxURstG9QnHrEu6T
4r1fS7CHR3nW405MbYggydzZwW6kA/4dOK9Z8CR6VfaTFrVusT3jhllkJBaH
nlP9msfZqi1CC0NHLn1OP8Z63PrGvwQaPPJqdkpDeRbJvVQAcsQOvI60xZ9I
1HTbu41S2mjuo0JWJIwu4+pz0q+V6NA5W0KcCW+kW6Lb2yzI6AzFpAx3eq+n
0pkGrH9/LJZRtDGN21OvsB6mnu9Ba21Y2fxQsRCxWRDMMgBeaozatfXJJeNY
F7GQ0ne9mP3VqY2syyNo7NneS+GI5BU+n41l2um3UoAEZ6dCcCnpfQV77l4a
BM5iSdwsLSATsvVUyMkV7Haav4eitLexsLoxxxJsRdm3OKIvTUzlHW6L84jt
fLa6nSDzRmMSMBvo82MIW86JlxkssgIxVLUV7HM+PJLafwus0bLIwb92ykMD
6jNeRmRhcl8BgG6dvoan7Rrr7G6Hl2bdMwyHc/Ke1S2sschIA8twflYcD2Na
6NWRnT0auenfDnVIbrQP7MmxHeWrYYDrJ71013KILc7cb26euKl+Y2rNo4XW
9SlsIXvYIVIlk2ndXCIWkuZ7mU+YzEuWY9SaiDSZvDfYrygy5DDk00Bi8UeM
7jgD3q3uYS96T0N+xktxo95Bd2uy+LBklYYIHpz60txcb9s0i4UJ8y4wQKme
j1KjeSsmXLCI2sJWV1XzRvUZHC097pAf3Sgj17VjUqcmxUaanuZ7yYYuiAMx
5OOKh1EgQW5zy2W/H0qaTb940qxtCxQlxjg/jTra2BIL8it5NqNzCnDmNa0t
jNdW1nZpumnk2xr3LHnH6Vq+JFkg1ZbWeEwyW64kRx93I4ORx+IrlneMFJnV
BJysZYBXlck+386fIzTGPzQSgIYjsamMnHqXOmpO7L7XEflu23BGeB1P0rC1
yM2+mwxcGWdwSc8ZBreL59TkcLaFuytAul3irndkE/3gQciuut5Rd6fDIT99
c57Z9Kip7siqd/tGTPHiRh19qp3V0lqodjlgQSvqB14rW+hDV53RnRvb3utz
yQruh4ZW6Y46V0mkS6jbzbrXULhIR0UuWUn2zSqK0U2NO8jaOtagA7ahaWl6
oPDeXhiPf3plnq2jXkwiiiuLG5bnY4+XFc71NNi60n+mpZxP5zupZSw4OKqX
N3aR3DwTeVHMnDANjFS2aLQyr2Ys5WNgRjiqq5CjceAOx7VrTViakrrQlXIH
IH4mpUHbgAVtuZakgbj1xTlORjOB1pCZIoyM4qRfrnHtTvqMkQjOBipl7jFK
wk7jLogRheAD0rOLADJxxQMy7k75ix6AGoinOQe1VF2RnL4hSmCQf1NJ32qQ
T25603qJ67igDcOp4wfasvUplUlOiMcbvT0zU63KjFXsdVoNmtpp6RxkEvzk
GuptlCR5c4wPpTY0ibcBgr1pAS2eSfY8AUirBndkDH4UFD3zxS3AULtJzgjt
mmGA3N1BAjEBjknPAFMT0N8aNYA/M80hHYtxUgsbCM8W5cj+8/FUQSrDbg4i
tI8e4H86x7+/j1CWbS9NlghKL+9mIzz/AHVxQlcexTgs4LS222w828HBZfuk
+g71p2mn3SWyCd/MupD0wdo9vb8ay9n7/MJNkMdxbTXEkEV1EZ4jh4944NOl
k8mMuyjAGck9apqxa1djlk1+5W7ldlSRSfu47Vow+IrZ8C4gaInuoJFZ1Kb3

PY+qPkTiXoru2nYGGdWPp0xV1JgFxIo+q/1rnXus5pwa3PLAI/s4aORWZvvD
v9PaoWAwoHpzmvSXY8p8rIwoe/tBjnzQc/QZrp14LHIHPAzUSvzWubRVoikj
IHelAGOfyI4qRserDpjA9cVBdjKEEYz6DrQSynFaoynzshmPHoBWWyfZNXjn
YHy5sxtjpntWi1RGsZq5qKCMgkMR1wOKkUfMCME+9Rc1NIBXj3D+fFRHHIJP
07UtwGHkilGMkZoaYgPQqcEHgY6VRudKtpmZ1jCykYJB4/KhMZhXFpLZyDzF
+XPBHpSRyNE2UbvyOxoWjNN4l6Cdw/nWTbZR1Ru/tWvZ3yXY5+SUD5kPGKbV
9TNaaFvHrmg7TwSfypeYwBA64x7UZyRhsDPTt+FIVxWPp0pvOSM5FMBjdeOK
aw9yPfNADMbuRn2yaR/Yc+1HoGpWcGaUpt+QDJJ7+1OKk/KVyP5UJDZWa3wS
MYZjkf8A66rPCwJJ/QUWAruQkoU5P4Ug+/yeaHFPVMa2HSk59COvGKjOSWyw
xjI96LonUv208aWahjhgOlNlvolBJOfT3oTKtcihWfULlUiQ5PbqB9av395b
6XbG0tSGvGGHlHb6VXmJ9ilFbNb28tw3z3ZTeqn+H3rWhKmNCCfmGaV3YQTK
Co649qr5GehPfPale4NDSemeM/rTSCAAe3bOafqAh4I/TFNGSMn/APVSvfcr
YS3trnVNQTTdLBkuG5du0Y9TWvqWp2vhu2l0Lw5IHvWXN5qAOSCT91SO9Ndx
aytBGBppjhnkJJw4HLdS2cnNaXDn5DupJ3eoqkWnoZV1Mz60tsdoXaCldz4O
lXQIdQL2VxdSzIjeVDGGcAAjGCehzUVKbnKNnswg7RbscXbvGt9HbLbSwXJU
mVZBtKHJO0D8a0jgN0P4da0UbJIzb6jRnHPP1oJGRnrTtYBAASwz82OlYviJ
N8a5BAZCg+tEW0wZQt7WG5CyXFykHkpvUOP9Yf7oq9b6VMsbXcMErRzHeCEO
MDtn0FKKctzRtFzxJqz64tlK1zuu7dTGsUcYVNnHfueK5qe5SNiZPmPQLnpV
3YkkVBcyJG8+7bKD8nt6GtFo449OSeCV4IpiBJCD80jf3h+NNSWwnDqjasfF
Y0K7le1j33LQiMfN90+pNLoWtS2HgnWdJuypt3hMiF/vyux5x+NZ6t3Y3a1j
hogI4E38BcZP4/8A169Pu7a28N/BeMywxjVtVYIJWHzjc2Tz1wFH61dm5cq6
j5Vyo4NXEK5OfkYEeuAw4/WvV5JYvCHwYbKYurxCNoHLNI2M/gpqU5qyXzKc
VYv/AA10SDwr4QfU9SMcU0kXmTStwVjGSBzXmmv+Kn13Up7qFPKhkYNCgGAo
GV59ScZNaatuVjJ8vNoT6HNHqVpPudY7tJDJKztgbfYfSrel3mjJ4fVbi1ux
rhmZ4pRnyjHvyC3O3bt9RmpcnGLstR8rb3OU1HxFc3t5cTKqoGchCq4OwHjP
vVNLu4mSQySEgLzk1N+bcpWirHUeE5LabwrNYyIrXUz7ldjkqAegq/oUlvfR
SM+I2gPzq3GDTvzEWszSla3hOxIRJkdT0NR+fEpO63UE+lQ5al8t1cV7kTSA
zM0gHQO5bH51taFd6Mt9bm8to/L3Z3MvCnsT7ZpKb6BKmmin8S7631TVbG30
WWKZTua5ljlDRs+PkXjjI68f0rzu70W9063lup4iqBiWHXv1q4Nxbbd1+Rbs
qajazIIh/oSO5G59xAHsajtgWnLKMYHGRwablzEUleZdtNTm0fVk1G0ba/l4
bJ6ZIHNerPeC7tUunbO6PPvnFVugrLlqaFO2t45A6XEYkjK4Knoc1x9/4Wlg
mvP7KzcWiY4BztPoPXFKN7aBCfLJ3OcisbuRfktZyQvOYzyc1p6X4a1eZmvB
asohUsscnDH3A9a0tZNswc4yVi9c3sUupm5a2X99CImD8/MOM/Ws7USA6heV
8xVI9RkZWsG+Y3h7mpPqFmg1h5cMkaxhUjY/dpjdcdMccVhOetmb011GFgCc
9McgVTuXZm29uxzwKKckpDq6IY4VkIBx71Ppkcc2p2VtNOlYZJRG8z9Iwe/5
1p73cwS5Udr4P0trLxzNp9vOs95bElLwDdDt2A4/3qqeKLo3mrzSS/PcRsVk
cHIfgYx7AVnVd0omlNXncyMHd8pzjinqADnGO1ZuV9Do0HqArknuaNTt471I
txGYmymexqo+673M3Hm1REuo29ijLcHMjEkrjtWn4RvEvNPmWPO2KTA3ehya
qreSujnjo7EPia6awKSrGu1+Nw7H3rlZLpJ70S3hIAypC89a1ovmV2OrG2xr
eGrVLm+n+yErAHxluwxn866y4MdpAFVfmxxioqSu+UmnGzuMtZzNpYaTlsYY
k981Z0qy+zgzzA+a/X2rBytobNGNrV7Lcy7bByvkHkocNn1FZkN4ZZS0/wA8
hOSx6k04pR1fU0lqrLc0IyNg287RxzU4G49MnvXT00OVIeoO7b8uB3qVByeD
TTEkrki/d4PNOHByTxSuN2JVPUAGpV5AP8qdhbkg9ODUqnHG4Z9BU31GU75w
X7cdM9qpO3yZJwBQ7A7FD8chu560Iox34/KqWiuQ1qIynPt1FNVNvCjA70X0
sxNO+gx+EIGMis2BEn1ZBJGsq5xs9TRu9x8vU7/S4QZkVBhVXj0rp4tPtpEy
XBk7I/IoGhZLGSJMTWOV7PETgVC1nCxG24VH7JK200iiOS0uIly0WQP4o/mF
Qh1I569weDQwJlIYcL+PpUumhBqLu5QMq8elNXuTLYuTTWrfKwcn+EB+P060
qs+AYA/ljg8GrJuQXdncX9u8UUk1ruGC7NtU+1ZqaU+nRrbSKIi/37gZO72U

9qatYltm7Y2Js1jO1RMwxEGbKj6eprnvGPiUWIbTdOmzqEg23LqchAQeM+v8
qIq7LgkcXaW/2UC4mLq/UMCQWNdDoGq6nqO6GYrJBuwhfJb8aiTuDte50k/g
5pAWkeORj2UlKzrzwhJAMJPKFPXI3fy7U0dlLF1KfoUW8NXK5EM8TY7j5akT
TdetgPKcMvpvzmlJKW51fXac/jRw6gg+g78YpclSQQSf5VpokeE11IbomJYb
hBh4pAfoCQK6uEEx7htywzxUvY3hblHYIHzYz/u075R3zUMscvXOcAnpio7o
/LzjHbPSgGVCeMDk9feszWY2a1kKA5X519jVxMppcyZZgmE0Ecy8BwDUwz2N
JmvU0LQkQ7MnHpQQQTgVKBidz79aCMn/AB6UmGgYwev5igA8kkfh3oEMmgjn
jCyDntXP3+nyWuSu5o/btVJ9yk7FOJiMlSQc8GriSmUqSSko5BzwaL3dipaa
mtZ6kryGK7+RwOH7H/69aBzjkjHY4qbO9mJ2tdAMhcdfQ0uTnBAxT3JE688A
UnI5zz+lOwIacn8emO9MGSc9KTGI3r/Ko3H1o32CxWll8pcJgse3aq7379FU
A+nb8aAirjftszMflUc+nH1pTcylDuVc46Y60lccirPGrMpMgBIzjHSowSVG
KbtYmCd2DElGyRnP4037wyMUWsrlX0FXBTLZAB5xUdvbyX10qRISOwHOKdrg
u5sX13Do9oLazO+6cHeRyR7Csy1g8lDPcgtKTiNepZvf2qrbIi9tWaFqfN06
/vG53ARAnuc1ehBjRQD0XFRr1GLKDs7VUJPYDaO9NJBqI+CfbtUZxnkc9jQA
Ebj05qC6n8pCqn5scZqJPQ0irlvTdbm0/wAL/wBn2NsLa5uNxuL0H944J6D0
44/pWN5SoMBsj1PJ+pqFOSSRtGHK2+5awsaADljyaRS45BIXPQVSvuKSuilq
Rk+0R3WV3rxkdulb+qauNTvYtQ0tZNOuY0WLak2fMfIwwHoKuD1dzKcbRVmP
1bT3tPGUUkl39qma03ysT8wbgf5NP9z1q2tTB2sJtyOcAe/pTTjJA49/Sk9x
LYhlkWPAJ+Y9h3qjqTxmNjcg/KpKKRnLUluNe8inNp0ultpGozhZIVdsowyp
471am1/UpoY7K2uDb24clFTgDd1GfSru1qVGN1qVLLda6FeTTWaFJDsinZse
WQeoPvXLHOwu3O7npjJzS0W5Cu3ozf0bRYdQ0Sa4upCsUS5GG2luf88VRu5V
kkZkOYoxsQDv6/jVrYlXT0GaFpl3q+rLZ6fAbicDe2ew681reK9AvfDb2MGo
yI8s6O8aq2TGO4o11L3aMiysDf6tZ2Kji4kCH6cE12fxY1Dz/ENpo8GGt9Nt
9jY6b2A/XA/Woha9mzWdkkYHh3TTqfiPTLOQfuriUo/fA4Net69bW2ueOtP0
+Rd2naJEJ5Y0GQ87f6uPHso3fQiqa5tbkSulocv8W/Ej31wfDdk222j2m9dD
/H1WP8Mc154bZ1glwgDSMSOOOucijZbgoq1zOlZ0DEHgDJGeorvfE0R8OeEN
NmMsb6hqKFDFjlExyf6fjUuSTv0Dl5tzzk4XdjoOma0NRgaz0uzjPE1x+8Oe
wzgZpWvqJvod3qnhJdO0yxm02+g+0Qxlm2PnI7g1QlksC8UVnch5JIg9w68A
Pn7tU9NiVeW5uW9vK+j21359vGkjqjqxy3J5bHpVS9nt7e6likkwqPtWT+Fh
6ioklcqMr6CLHHKf3bBjwSFPNQzTiznQyOYiDkZBx+PoKlRsaqV9CC9aRyuB
kk7g3UUuozzXNhNEjMS443cjNJX6mk1aCuY9tpsVxPBb30zxKkLktEB9/qPw
rQisoxZWyrHE92fmZgegyMj8qq9tjOnFc507/wDCMX0aQT6NBb3L8FwRhz9K
0rkbLVIYxtQEBQOuK1v7pg0+bUVYzNauhcosnG5Dg/hSWNpDp1qsFr5gReSG
OSTVQ2Jk7XRZ3sMn7vfKgCgMxYEkdfWnuTY8+1i2Ft4ie3YYQs0gx/n61HZW
jXmu2UQHDSbj8m4D6+1ZqLb1NZSSimaXiG0jS/mit5N8kbHdk4Gfb2rn5C68
Hjk9a5qsYy1OijJ8pERvLEHHGKZNGzIcYKrx+NKK5Xdmk22tSAx7MD8wKckT
MRxkZyPrWju1dGa0Wp1/gXxRa6Q80GrJcG38tRE9uuW3dCTyO34VUv547q7k
khjMcLj930596VazSaJpO0mRSCNTuTk9OaeI8LznPpiudPmR0OQ1vvDB6dSa
QtjOSB+NHNfYa0Kd9ZrdRMSAJE5GO9M8GSS2OuvBIrJDcx554DEDIx+daU7u
LRhVtujptftkudOfzo94A+7jnGf51xMemLe6hHBp7s4cnerDBT6+3FXS2ZNT
ZHUeHhBpOmXskrDZG4G/17f/AFqxYNcuGvzc3hZrOVv3ZHOD0qlFuV0TdQpt
HX6RauImeUgRMdyqR19T70usX620ZjD7WbnrzXPJJysaQu1c5fzWTJxhs8kf
zqgxYSvJ78+h96uKvudEGupftLplxydprYjdT0Jz271pF6WOarBJ3J1Hygmn
DHHH0q1qZOyRICBgjgDtT1YHijUZKoI+UDNSJyM8ikwJh2Hb3NPP3Tt7UJaA
ZkxzI2cge5qreNthx+tJasb7lP5SQCM5/T2pyrlz096vqYCjhuOnbmjndU6r
cp3ZWvH2wZP8qg8MwCXUJZWBDJyDnjmmkinH3bo9E0aEt857npjkCulCgqAw
BA6YXBFDBCxyyR8xTH/gJ/oe9SNLvG2aCGce6DP50FEXkWwfMfm2zH+4dyj8
KSTTZJxnfb3PumEagChc2UlsMskgUfwkc/nT9NRhbvJ5cZZifvHoKETItG4l

BAhjix32KCRQ000pBSSRW7qvAP41ZA2SK4mIYjYB03PgUoQCMpLNGR3jLblH
50BqMkhjW3dLO8KA9Y2JZfwP8Jrz7UvDt1DcSTW6OyNz+8O7PXoaUm4xbBSc
TKnnuFxHcuwdRgBuPwr0HwNp3kxRNIOUXew96zjNTV0OTu0jtt/zE9Cex4NP
WQ9/55/pVmgkkME3+tiVs9cpVWTSrbJZN8R9Qc0CseGoG4JbI7Y71KqjO7kD
uDWrZhe+hBqoP2I7fvKc88Dt1rpIUxFGMfwDjpWeysbLa5JxxgDrTjkLgHGO
lToUtUPUAgDPJ/AVDd/d607AU1JEuenrTGVXc5ACYIbByTn2oTsyZRuilaEx
TzW7KFC4KAehq70HHOaOoJ6FuzcdP51afG7I6/XmkUiI8MRj6+xozjtQAHnk
AUo4OKXQBSfYfX0prp5i7TyvSnezDluYuoaWyN5sQ+UHLDFZ+4AlTwBwT6e1
Eu44N2sTb90Xlz/MpGNx6ir1pfPb4juTvg4CvnkfWm/eWhSfRmupV1UxNkHn
5TmlIAHzZpIhoMkjAwKcAPxI70dQ2GEfUU3aQDz+dJ7AiPkHAprZ6n9KEuwy
vK8UT+ZMvA6Vlq4O5nABJ/z+NHoNdxN4OMgn6cU5nII54+tNvWwCSDcm7OfT
NQKctgcc0Mm9mKilpgu3rVi8hFuwDHGaLlbIqQrJcyiOJSSDkDoDW/dzWuja
YYoSTqb8tjAUKf61a31Jk9LI5q1kYX4uJTmRSSG6/jS3+oPMWYHLHFHW4adS
x4eDtJIZCSiNwM8E10AbPUfjUFNhL9zgZUetVcZIzgn06Zp3shJdhkhyeBim
7T34pWsgWpBcz+X8nBc/yplbPKDJNxk/L71PKmaXsrske2dUIGG9x2qPysD
BB9DnilOLTuXGopKw1kYnj6cdabgkHAIx1x/KovcpMilRp2WBMF3OADUNvYX
f9tWUEMbuwk/gUnA961gnLcybSOx8TwJBr0EqMpn8ooyjn5cd/eqA38h0Kex
GK0atuczSaFlyOv50mAQAeakFYyZ7qNb+Q5y6rtGOhPrWJrF7NLMsbsTICCM
mq21LSS1J72/m1PTMTvtSIgBB6+v/wCqrGjSeZvLIhWBRKin+Jjkc/Sn9kG7
lXV3vnH2aWVTAf3ioowuScniufmbahA6jPGaVri2sbsv+jWMAaUoXiy0OSOf
esreQAHwGPLD8e1VytJGck4tnQ+BdaudAv8AULy0jid5EWMeYMgY78Vn+INW
vfEGtm81KYSOE2RheFUd8Cpd0nqaLVo6X4YWn2nxHcarcR5h0+33E7fl3YP9
BXL3V0+o6nc30p+e7l85c9QDwB+Qoil0Lb11O0+Gdq1x4iNyYnkFuuUwMjcR
xzXea9qNl4H8K3OolVlv5nOwk5aadv6D+QotqTLTdnh9o3m3EiX0w+0HMskr
tkNJuxuJ9MNXW+KfCU3g+K1ubm/GoWsrsHUReW6YG4gDccg8+mOPWuepiLVH
CKvon97sbRhFpXMK5ttG1LxxZRaGJxYMw8wTYJGOT+HAqH4gazHrPi1zbEGz
tFFvEBwDjqfz/lXR00MXzXsyh4T0r+2/FVjp6qTG0m+X/dHPPselXPHt1Bc+
OL4Wcai1tdtugQcDaOfx3ZqXe2gWF0uQ23haacyMGmcquSSMA1TsIWAAjjLu
7cqO4rRXSIa1Oj0bUdNt/EC2viyzd9MS1CC38st5cmQRIVHJXG4cZ+nen3Gv
WE11cKLIpZiYi2DDDeV2yD3+taT5ZKyVnYfLyrm5r+RJaw2t9ceZbvskJHIY
DHpXovhG08QWmjXUkjwXERjP2e3lGS5x1LjoPYg/UVm1aNmCep55cXy2vz3t
pDbpKNwCgxIuSThQeMc4xUrWvmQ/aIsAKu4Ier+wrOCTSsaVJXZTjh0yQqdQ
ku7VJSy7/Lz83YD61naRdLp9ykly+3YGiKYzu9/0pvQqk9Wa32231C9WW24j
x8xxjjj9a6iQ4SBc5RE3Ak5Yj1pvRWZk/iGJqaKm2OIuRwfkNOGouXUC1kw3
tjBq4rQzla5oLGzANt4+vSqV5qNlYgmeddwH3FIOaOblQlG70OIuNSGp397e
mIosShYx35659av+CbtLbxlby3B4eIoFx14HOKIPqzSpblsXfFcYi8SXR6K5
DLng9O9ZOvacbJbZ2ZWEqbhtORnNZTgkmzSk7OK7mTGMcjgjp9aHGewz1wD1
rFtJ3Oibb0IzHtUEKM9OasWMZkPzYHH61Xx6shLRo2o9DT7K0gTOe/v71WNq
beH7272/u+1TJrYUbbssaRqMNjqy3F5aLdQhShjbgEnvVi+voZiTBb+Wmf4P
WoUWkatLcypGyxIHA/WgnI+YDjtik0krsu/RDk6D3qvcpdRtHPEytHCwbHRg
O+KKa1aMZrS518pSe33gswcZUk+9VdPtorNJbqYKkhXLMB0Aopu10TL3rHFX
NzdC3NtK6x2M5YrIRzn0Pp9a2fDWmreaZYyTxkRxDIyv3jzXRKShDzM5rmlp
sdNc30cN1DZnaJZASqj0H/66yfEEAkSF+6t1x04rhTcryOqK5WjFkxsLjr+t
V8BQVxnsfStFqVytsaCeWUD+laumGN51JcbeQQx4q23pqS4WVjSyCzAHAU4x
Uq5C/MMN9K1i7xOaUbOw7kdsg+3SnqCRx0qtbEkik5w3T0NSr1GKEBLGQD0/
XilnfZASM5PpT0QJNmaTjqOfrVO4y0hyRxSt1BkI+9zzinAcfLwavYyS69QY
5HAGfWnKTuO08g8Y6073VhfC7sztWbbEVC5JHCjr9K0PC1u6ws8g+d8VmtzW
/unomlwgIgyePwrW3H1b6GgEPIQg5+Q47jK1GFB5BGfdsCgYhLAHI3A9hS+U

vBC4Pc5pgRXbyJAAJhtY4AJz/OnwoEgCMoOOSPSmiZCNdRREKsQGew7/AFp3
2iQsVEYX0OO9WRcaFnfmVRt9MYpgtXL7/wB0McYJ/lSGPW3CZJk4PTjAH0oA
t1yC6uD/AMs+OR9KBGPrOlabc2xlAUBTnYSCOvY4re0iOO00xN67Wk5+g7Vm
oKLuhrcvblIyOR6gZpd+O2PoetUWBlP4H/YzTdzDlG2f7oHNAHjhtRg4P6dq
eLcY9R2q27kqNitqUIXT5CBgDB555zW5BzCpHIKioeuponpYkwTwePpSkDHO
CM0gF254z+FMuOYycdKYmZ5GGGcH+lUS4srjLkmGU4zn7re9JPUm6sOnkiFz
G4cOx4P07VbPBweSDxnpVSshrYlhOGGelaJVSgP8uKhFW0ImA42gA+3WkXOS
cAjHFMkD7Dn9BSNgHg80bD0FJw2P5Uozjtj360dRijBUYzn1J/lWbqGnJOrP
B8snXGeG9KaZL0ehkMrwhkkHO7kHinKdqsOGTup60lpoy9JItWt21ph4D5kB
PzJ3UVsxTR3EW+Jgw747UNNMNGP654/SlPTnP4UyQJG3k8+tMxhTyOBzmpeg
0rkZ5OcH86RsdRg09hFW8QPA4PB9fSstCoXIGSOufWlqO/QQdTgDHoKUELzx
x1osti23YeSNoGM57VVY7ZCMLnAy3rVJXROzJYiUk3KSCBjFCxz6jfwwRhpH
c7QqAksfSpkWrHS6zZR+D7SLM0M2pSg4iXnaK5uO2me6Mt7HJMWOWVOcVvGK
5dTnu3JsI3tIr6XbGzBlCRRMOS/v+NVtW0S/0cxHUIhHLccoCcn1qH2GktHI
1NJjWOzQLznqT3960BweT3qE7mjHP9xuB74qmc+3Pr2oEhrAZPb0qC4lCKMH
5+gGaL6XKSuyKC3MjCSXPHTPetAKUGMAH3FKLViZu7sOJxzwCe9OABGXAPsf
51ZknZkRtVZQI/l9vX6VD9lkU5wGXuahwW/U6I1F1M/T5jFrtwZYxlUGN3bP
euu8Paha6fe/bsFnVeg6mqgrKxEy0n2K9mluLMRvcSEl4pThgfY1AUbymjvF
R+eEP3l9K0uZ26FCSEEt5OcDnB61iahqIT91bYZv4j6VGjHy6mXKYre2O4N9
o3F9xOcj0qjbMuPtl5hnc/uwfXvVK1it3dDmgjMckgckFs7c/wAq29KGly6P
JOLiWPWWJT7M2PLEYONx46/j+FCtLcJJpXK+oabdXFkjWeZCg3Sj29fpXJug
kRtuCCc+5FQgi+Zm3czy6xaC9uWBmhQQAjjCL0zWW4IJEoIZeVOOvtVc7asw
sloaFupttMO8DJBJx0yazojzvcgEkZI7e9OVkJNLU7myvItD+FE1tHIRqWqO
Y+Ooj3cn/vmuTQrHs3ABVAAIHbI/xojd6IcpXbPaPhhpsmneGWuL1PKkujvJ
b5dsSjqT24/xrzTxr4ibxR4jlniYHTLVWgtUJ4cHILj3JH5YpNashNrW1zmm
PmXAVwDvO38xzWrPezz+HjJd3tzcOJvLjE8zSBF77QT8v4Vk6cZSuxuUuWyK
+jSLp9peX5OGQCOLnrmsGIHJ3clj1PrV9Bpps9F+GUa6R4d17xVOF2wReVBk
4yQP6kivOTK7xySSMzSyEu7dySTkmluU2dLffutCsbX7oVAeO5JyKZpt2LK5
80LuYoYyPc+lU1roLoaXi/V7jV722N7DbrLBbGLfEpDMp6ZrnpbqS4gto5uR
CCAe5HvVNttXM0kuhct45VUOisAAWyOePWukj1TxRo2keZaXt5Z2MhyTJbH5
890Lrj/vk+9a2v03KjbmWlzU8OfEm8sIYoNVtBe2UP7stFjzF4OMZOD6EHH1
qhF4ot5tU1B4LJbOzncPFFkFkG0Z6cDLZPHTOK5ZKbklHRIa5VdsxLrVnvI7
mOQb2jAliUdODVRLoPN9oCBxId23GRn2qrN63BWvZHSeF9D1LxZp1zPpVzaW
TwEYikBO/IzyR90fgavaO0kGi+aYWlmUDKbtxfms4TT9bv8AAHzc1raE48RS
rMI/7LWPIydzcfSl/t6/klCWVmJGA3OkELSuif3sLk4966lduxnymNqmpapI
+Xum+zuTsCqVOPcVhpBc3cju25IQOZD1NYtrqawiPtlC6MkzfJ9tlKr6nbV3
TT9n1zTrnAUpchDn3GPzq4K7Qp6RaOo8ewMmtRzY+8mCPXkVzWsD/TBBnIiU
Z9iairKydh03e1ygsJVg3vg59Kci7/8AWDp6VzOd0zoH+USWxzjtU1vHsbgf
xDPvSjNbg07HW+VNDoone3byycBgeK52WRvMYyDAHOD/ACqpSV9SY2SKcjb3
lVQFzxUokJVmkGOOvvTX7xFtEbYHTpTMuM5HXmstOrLT10DdhweapeIJJEsk
EDENIdufX2qo3ckEtVqdV4ela40C180FZFXawPUDJxWb4pv5ILAWaBkeU7Qw
PGKpL3+UxTSVyhZWFxrs6QyrssoT8467z1/LNddfXcGk2G5gq7BtRfU067+y
Kmud3OMW6lbVor2d8SM4BGeFGMV1+qoZtPkKgblB2ADpWHJyqyZq7c5xpYng
/oaWOB5WwqEjv6VtTXulTmvQux2OBlyCB1HrVpYI0A2rjHQ1ryKxxyqOUroZ
JNLG2JehPDDvVm2ut/DH6HtWUI8jszqfvxui8pHY8mn59icela9Tm1TsSKM8
5J7nPWpFOOCBz1wad0FydT6dKr30gACg4P0qW9AiZ8hIAJ/nVMvudsnqeKuO
2opMCxIBPHFOXqOcVVjK9+o5cNk9j0z2pCRycflU7Fb6GJrMhlcJGSHJHTsM
12+iW7RxQIyjhRSjqNqx2doqiLGD7girS7toCFSOxPQCmNAxK/KRg+gzg0nG

MsFP1WkMUMc+nr6UYAJPGfTPX/GgCheOrTABQPXb0qzbXBkXy2IDgdCfvCmn
qTIsh1UcKqn1x0pjXMajkE56YFUTsRtdoV3Rhm7HvUbSTOQroNh/iUnIpoLj
GtZHx+6ZvRmbAFM+zqhBMyxnqwJ/SmK1yJoVuL+G2Vy6k5k4xx7V0vQAJjaB
gKBUspCZz3A/H+dIQR0+UfXJpFCcDkfqaQjnoN3btQI8mLIoyzrn1zkVH9qi
XO5zz/dq73YrFPUp4msZVRiSRgfn3roIRstoxjkqM1MmUo6XJFOF+8Sf0FBG
ByefrmpCw4DgbVJPvxUc65U+v5UAzPKjb0/Oqt5FHIimQEoOuKNU7g46WZQu
I4ghaCTKqflDfeNaySBo1Y4IcdfSnuCa2JUAB4wD655rQgbfENwyF4x0NIfS
wjIc9T7YNN5A+Uc0IBOowab+P4UkrgLgYyTkelKCRx/OjfQABOeKcACecDPN
HkBWvLOO6X/b9cVgTQSWzlWBKjv607BHcI3CnzI8A4yV9aspmJvNtXw+fmUd
D+FP1G9HdGtbX8dycA7XHVc4qwCcjnBqbWG1qGVyKayljzgCmxIa4/Km4zzx
9KmzHoRTAlSueCMGsAv8zqRjDYxT3QKwm/AAzjnk09SADkDA6e9D0GmxFbAI
B6/r7UjKCB82AB/kU7sh6skht5ri4SC3jLs56KpJJ9ABXdYsvh3oqyzIl5r1
38kaqASvB57HYO5HU0Jc0rM0eisup51qjXN1cy3moTeddyMWk9Cx/u+gA6U+
5vZraVMSMXKAk5qpNt6EcqVhg8ya+j+zqXlzkbeufWrGqy3dzcJ9un86SIYw
eq0o6u7G1GyRe0qTdbYzwD161o8ntz9Kz20G99A5KkED86qN98jH1q+pO5FP
MIUGR82OBVSEb33yEM3GBWc7Lc0ina6NFVLIMjHcACnAHJJIJ9a0VrHPZp6j
gpwPujPQgUuCAQf/ANdW2TLQd0GcYFHuam5XQzVaOHxIzTjMdxEEGR1x6Vov
Ztbudm7DdFIxitIuwO6RBLhXxuw454POKmOqCBQLrDjsR94e1TLTUqOuiM2a
6vdVmEcC7I152r97FXrPSIoVDSgO2M8Dofeo63Ll7uhz/iCxa2kzFl1boPSs
a4YGaOJcGOMcex71drkuVo7DrdZGVmUnbGcnHaur8IaNYPFf6r4ja5t7ZEDR
eUuWBH3sjBznt2o0Qrtr1Ok1vw7e6XZRSS3sckN0NhMK7ShIJAJzyMd+Oe1e
UrY3KK4MZKoSob1APWmlzK5KfLuNsLlLSeVJObecAP3xWhFaGa6e0nG5GGY3
B4b0xUuN0XfWyIr6O4ECQMAADk47irvhbQH8QatBYxSiMPMUkY9AoXcfx9qT
appcxLvq1qafjawj0vxSbC3keaG1jRDuAyCy7sil8JaPNruuxRxQGW0tiss4
XjeOoXJ4z9aunOMldC5mlqdj8S/FLjS/7A01XtrqYBbocKYY8Z2DHdh3HGK8
ylEYiEapt2jCADAAzS5k1ZCeiuUoQPtsaucfNzn1qZiE8NoHIz579v8Aaovy
j80P8Q6bfaVYafDe2slutyGkUOMbsY7fiKw2yY2UfeIwKJNXGu56fqEuh6t8
PzDEqaZc2UYU20Z+W64XDkgcnOTzzXmcCm5uY49vMj4xnt6flTmouV0THnW+
xv604N5tUYCfIF9ABUNgjS3kMY5/eDdxRddCldaDtV+fUpiccNt5NXdP8L6r
eeGl1yOBBYMdu7dhx8+3O30z3FN25W2Ldl+003U7C5VWtHW3uSIJLp428mAM
QNzNjAXOOtb/AMT7zxLp+iQ6LrD6fcafdD5buCJklPl7W+ZSSFOe4zkenIqK
zVOmpcxdL3ZWtc81haR5HwOHy3tnNdVBbaf/AMIJb3q2oN/9pCzTmQZ27uV2
+lVC0U0yZJyd0c7dXca699rgjVImYBohwoXoRUiwfZp5oFOUjk3RHP8AA3l/
Woja2oruMrHTeD7dpJFt/skU/kZcbyQG9jj+XSulk092UyNcG2kdizKnb/Zo
nJR0NEm2Z97oi3bDzLuQFTww4P8AKrWh6TLo11canp2ovDdFQjs6iRHX+6Qf
6YqI1XHYvk0szllN0Lm5vL2MyQNIf9I2fuy5ycD057VzeoajJOkiI42sMADg
Gple+ocytoWZkeS0063UEvGhfA7GqY1BYoxvA3iVSmT0IYcn2raDd7ENXjc9
A+Il5Olnpk09p5Eu3YXByGBxhh/9euNIL3Fwx5beOc9eKVTd3Cnsh4BK47Yq
QRgKM55HrXHaPMdLTFQYU5OM1YjwpB7e9VtpYl7Gg94fsgiMrhBzt3ZGfpWT
LMHf7hxntQ9xR21K0bMZSoC4+ufpV1l3JtByDzihtopO7K56e470W8SS3KI7
7AxxvPaqjFGjdia8t44J2WGQSIv8Q/irLup4V1eyhn+ePduKg8jimrqVyH70
WdZHcQDWGtYmU749/HtWf4lsjfT2EC4BZyT9AKxfx3REdrM2kW20yxAZliiT
5dxHXnvWJqDJqOC7Aop+XHOD0rSmuZ3ZN+RXRz93BJbhwwHHIPqa7PTpzNYx
Ry/eeMA44rSasgTUldGKNOjjlJfls8dqtKQpAXjAx0q4RVjGbd9Qz3OD+NAD
E4IxjrVOyRKtca67jtdRtbse9VJlDAwaIbo2GNvpUySsXTnKMvItWt0yyNHJ
kqCADjmtNCrgHqPY1nCXRmtWFnckHX1PqKkXtx1rRmJKp6nPQZPPNULh98xx
gk8AZqeVlrYrSMuCVGR61VwSflGKtPXUxnfoKCM9smgDKk4JI9eafmLTYep5
IOTzSO4VGLYxU20Lu9jGsoXudbX5lwrdj27A16VpkSswcZH4dKroK7crHSrG

FjXIHT1p5XHU/gDxUlibpAeMMPQn+VML/NzG4oAAcg7WHpjrSs20bTtIHYdR
/hTAzTkzu5Jz0A6UoLbgyn5weCDyKQM0YJRMhYD5x98Dr9akwCDnYfbGKszF
3kY+VVHqAAaTcT1498/zpgRMquPmDY9M0BI1biLaO+4cUAGiReZJPeAAEnZG
fTB5rWAZf4F57qakpAT3JOfrTcd8YJ7jrQMQ5B++PqDSBexCn8M4oEeH7iDg
cA/zpBnBxj1zmnuC3uQXxBtuQRl1x/30K66JSIFBJYgcHNGti99x4yDkkCng
ZHv7dKi2twHAHaOC3bFEwHlY6/hTEzMcZBzkmq9wu6BlHp60CbRkkrk7s7hx
jGKvaW+YCjZJjOAfWn0BWepfAI9OvQVcsnzlR0PrSsO5NJ8p/wAKjYDAzxS1
AbjPI6UuRt9T9KSTHsg69P58UDqePrVCFUBeuPxp20BgSAf5GlcEB/Oo5YI5
kKyDIPpQNq5z95YtbsSmWTt7VCjqwAJKt2I71TfYtWa0FY7mGPklHRwOtatn
qIZhFdfLIRwexofcWr0NIHIxSHGSADjvSIGEZGD+tNPTB4oAjfkc8EelYl1E
ReOi8DOQfWkNOxXlPTHTPOKTkxkHCkDvVbblXbViS2heY4jGdvr0q6sf2eLy
iBLckf3eF96OtyNtDc0TWYfDMEsjWJu7xlCwvkAJxzk+n0rmLi4utSvpdR1C
UzXU5654Qc/Ko7AUP3b3LbvqiC4yYuDzkc1BeACJGwMdCKV77CW6uNhkkhcP
G5RscMvBFWFimMqyuCTIM5Ocn3o9AbV7mjYAQDy3O0MeCfWtNGyOSCPX0osH
MSFePWs6eVIQS2Sc8YNDvYI6soyFpWZm9ePanKOcjr7d65+ZtnTFaWLMVyVw
ki8DAyODVlWRmwDk56E1rCdznqU2iXAyPSlHHbP9K1Oe9gwScDPH5mkI9CT+
lGg276kNzapdFDKDlDkEHGO1Y0l5dmWWI3EjCM7R83QUmrlxu9yHDyyxyF3L
KPlOalnDJLvuUkET8lh296lq8jXmcUkaVrKiKJLR+Mcla0Yr8MwEw2npvHr7
1oZvTcg15g2mAKQWlcIrA8jJqOfw/YzW+0R7Wxw6cHPuKA6HN6balLu9ty2/
aAvPUiu/tLmbVoDFJbhWVBDCkY2gjuSO9F7Im12ZviG/tLOKC1Ejw2i7kC8n
DDlsDPArhptXaWMrCrR9cc9qd7aoV3ezRk7AEUenXHSr+l6l9kAjuBugGQrH
rH9KTb3KR0zOI/sc8tv59lM+wP61Jqug3Wj6vcJoiyyWk6h9isfMRseo/SqS
59CW+XUxbuPUBfRiSG5kvHYRr5iMdzZAAJ+ma968GeHovDXh6CyjGZT88745
Zj/h0okuRWBPm1PFtfc3PinXp1maUNeYjZzneoUjr6ccYrGlG4AHgD/Giqoq
Xu+RUL21RXK7rqBwpZWb5/atvwppja1PpFssMkyJeNNcGNMlYgRgn2zikrTb
M3Ll1LXxd15dX8XraWzK9ppsRjBHd3GWP6KPwrA8PadZXdlLNcSk3aTqIoQO
Cvcms4y6tGvLtYueKZYrm9jht4hFDgthRwG/xqppNjt1aCR0dUQls468dRWl
m3ZE6JWYyT9/eTOc4LHHtVnQQRcGU4IjBJ9M9v5VLkkynFbj4tNt73wzeatJ
qUEdzFNkWrnDPlsA16BaWWr6fDa6KskN9Ilv5qQwXJ2OoIIG3gE9Ov51SUZ3
SZm3KL1Wh3nh/wC2jSmttWsIreZg22JplfzQRyDjI9j1ryDWrSbQvD6HVp2v
LxwYWtbh2l8leVDIST8mAMfhWDoOpWjO+iv/AF8inPljZdTjbUeShcNuKrt/
Gr2qMsMcESfdRAP6n8a26i5mkZDEEgn3xn0961dKdLiFvMX548KD6qen5U0t
QVnqdl4HZI7K6kkb94r+WTnB471uS3SAfKfzrCors7aULq5Va6XJGSB3NQ3F
zuhKKxBx0X+dRCGppyvqc1e3ZgtpLJbmV4nfzDGWyu71xWI1tJFZw5z5skgU
bfr/ADrSMeeXMzGvHkty9TaVf9Iu3zjyVVVGea5fUonj+0JKrB9meeMcg1cW
3NHPL4Weq+PX+2fDLT75G3nyUJI6gZGa5TULG50Wz029vXhks9RQyQyQybiv
AOG4689vpU10lebJoy92MRVCPGHikBH+yetJ83RgcdvWublb3Ozm1RJGyYGD
xUxXK5PTpT23CT1EZSAOAfx6U1lDsA3zAH8ql76BoxSsYX5cBeoPSmEZyRwe
p+lO+nvCQjfeG5eKYFDEgAYbHSpb7Mq1xLq4S2jAz8+OQK5b7RI99524KVOV
bGcVtTjrdmdSVloauiyy/wDCR21zGDIWDCRQeeRXaSIBr8e88xRsx9s0qiTl
dGcJPY43xJrLajetChIto24XP3vr7VkJcTwn5ZGXHBHaroQ5VdjrSfwo2dHv
Z9RvBbsoZVG5uOcCursW3XpKEjaOeOg+lKs7NRJpK1yG7XEzA9+nPaomQk8M
AB0PrVwemgp6SEYdAAcnvSEtjnhq09TJyFJI57Y7mopVDPGqn+LJ5/zxWVTb
QqPvSsLcY8snHz/wnuaitrpoTtk+6uOR6Vg97s9BRvGxsxOJcMrLz2zVhSOK
6Iu6ucUo2Y+TKxknk+tZjuGbPTjND1GtiCQk4569RioyMDPP51VuxjKW9xoX
ccMPyFPzjk4qt0Srbijg59earXrgQHsO9R8JrFtkfg6ETSXNyUz8wUMeuK9M
0yLCj+faqbJ3kzXYcA9D7nAFAyBjaCP9huKksQ4zx+p5pwLY4OPxoAYQjNxw
fY4qG5IWMoMgt2IyKPQCnwpwDkDtmlBUnBJHpgYNADkkeOQPGSWB556/WtFZ

FkjEiglffoD6VSZDI2n2vhY3Zj3AyKQyOT/qV/3s5qhXGu1x/BNEnoCtVp/t
fkMjSK2/gYb5jmmI6S0t/stnFAqYVB196mABHK5U9ugNQaLYYw+blQrepFRM
MnBIJ/GgBQhA4/IdcU5VJ9R+OP1oA8LyCOf1FIMFzu4x+tC0G7bIqak+22OM
kb16/Uc12aJiGPAONvWhiitB4GD0/GnDocDj60h3AEn5UJI+tEuVQkgn0x2p
iKEgwvI7/nUJALD/APVQTZMxbpBHOwb1yKdp8vl3uG4VximNJp3NgHJJPf0q
xA2JA2PwpFF+Q5AIABx2qvxnPUk9alXAQ5HQ/rQcHtzT2QOwYJPGM0/nPHNK
1x3EJAbAGfpS5J6ckcU0wFAG3nGPTOaOM4H+Ao6aCEdEkTDcisO/sCuZIfmB
6qOKWtgTSdzNWRVTy3G4DrntU2ACoZtyZ4cdjVK/Ut/zIvWl+1u+2YkxH7rK
Ola4ZWj3KwZfXNRtoD11GNyOw+lNyBjIqiBHIHcYPSszUV2SKQBlutD0Gr31
Mxv9YTnOPyqxZ2clzIcjbHjk4zk+mKE+g9ErsvCWOE+RBgtjBP8Ad/8Ar1PF
EtpGZHJLnoSeatq2hF09TJvbhricxqcd2PYU2P7gwACOaiTuildaIjuQDE2f
mGOapXhJsRt+8B+VEXyhbWxYmh8oQvGwKOM//Wrf03ULFNENtJah79yQJc8g
Z/kKNU00DtblKs/zkbc8deKj3vEMjcAO3Wqmrk05WepZjvz5bLgHnG6qTEyu
zu3WsbvY6IpJ3HJ8o5XjvinKEGSc9OnrWb0dzV+QMQzHB4pdgz8v8JqNin2J
opJY8AtuHbNWoJFkGAMeua6YzT0Rx1afvXJGwMcfj3NBIxn8s1fQx2dijc36
o223/eSdMHgZrHaVXldh80mMsvtRY0jpqyvcMYtX0tS/EhLMAfbj8a6mQK7l
SAcnGOtN2TCeqSKUNlF9qeS3ygAwQOATT3zAjNMdqDq2OPxoYrvqU7yXP2Ty
zlTKGXnhq6CK9WWfbICr7uSBmi1hu1jmLNjJ4tvxGV+YAD04zzXZ6NaT3qs9
hexLdwsBFBMfLaQ4zkH86O9yGmtTl/F2k6jLZxX5tiUErKdjbhnoxx/WuMfj
eOhx6fN/+urcLO4Rd0RuozgdeCcd6QjI2cZ5zUvUepNb3dzbqqRSMUT+AnI9
667QvFZ/0YSuY7kSbiW5B9ATUWcXoXdNHpvgW51vWp7jU9VuYpLPOyCJIgBu
HVgfb1rT8YWVpNotxeXDXUVxbRsIZ7SR1kjLcZG0jI6ZB4xVt63ZnbRpHiz6
f+5RY7xJHA+YvwzHJ5NUpNPu0J/db1Poc5py5W/d0RUW4pX3IY7eeS7toBEw
aR8KpHB4710HgvUZ9GWK6tyVJaSGVVxkgH/GhRtfUhvm0MDWNPkvtVaa2hZY
2/1kj8ZOev61et7XTtG8N3N+t8kuprIE+zKOqZxkGhKKWpbbexTOr2kliY7m
2+cA5OevpXaza/aw6VaWltbxxOkG8SPGN7qeooTa1RnJJ7nnfmZikdeG3t8v
oCa1NJAg8P3chI8x3G0kdvpURt0HK7RmJA0tpcui/wCqj+X/AGiTj869v8A+
GRp0dtqF1iS6kgAG4cpx16e1aJRir9QvO9mZHxFvRqmsDSnlNtFYFZVkGQxk
IlySD90A44968y1a9S4vobeeRngEmJHBLEr7Z/lSUlyjdlJWRLqUFiNUSPTJ
DJCzADIwR7mqGpv5t7IoOFHA4qW0yXfmuVnjcAfLwTwfakUSQrBHEdkjPu+u
KUVbY12R1wa4sLh2eFohPGHAYfePQmnxamZbwRyNnIwArY5PShq7PUwrjKjf
sUbnVZIpniJyysRx/Ko7W9uGlHlpKzsCBgHpQo3ZrUnGELmztsLlbe6niSO4
iQxyKnPmHP3vwqtqtoYNQ06MFZN26Vdp6Af1quVx3PGc3J6mgljB/aVpBMGD
3UheYoMkKBn/AArG8Z2NlJ4hjSyv2uY5dyuzx7CnA4xSsr3CLtudlZ/6T8LY
I5hkwoEPvg15vNPazafN9nhl2R5wQCQGz/M1rZOZgvgujqJdCEGi2d1pbsly
yhjE/RuORj1qh9reN1iv7Zrdx1JHB981z1YWd0dFGd1YvxRRyJujCsAAQVPW
pCqry3Hc7uKxlFvqbNph5QZSc5PamCMqD8oyT3rJJpWBCLGd3T8KUWzLk9Kl
3Wxb2I5o440LSSKMdcms261AID5AKjOCxPb2q43lawtkc/d3Rmfy1JI53MeS
fSo4A7sqRrukY4AHPeupQUepzt8x6F4f0WPTrMiUYmf7zdNtJpbreTXkiTGW
PIRJG6nFYSlzSNILljqcRfxi21S4RxwSGB+tQZDMQCMEdfSt4ttImq0pM6bw
3am1sHncDzZjhT0OKm0y9B8UfZs8GM/iQKxlrOxcfguWvGUe2xFzGp3KcEg/
T9K56y1S5EojeTdkkDPWrpu6sRWV4qx0wZti54OOaY5VQS549K0vY5UuYp3E
7OcR8LjO4ilsImDHccuQOW4xXNOrfod9OlFavcmuMlsHCqO+f5VnzS5LBOCO
9Cjb4jdeRYsrzCqvRgOnrW1b3SyABsK3t3ohOzs9jOpHmjcsXLYhAz+dZ5Xe
eMfjXRfU5ehG5w2CRxxn1powWC9/SrS0MGtQ64J45p23OST0GRSW9ypWEPv+
VZOsy+WuxBlicYNN6ihLudJ4Ysvs+nwDb85+9zwTXeWEWIR8uR9aTKWupaHX
BXA9xTsZGAuT2AxUliBWL4OM/qPrSvuzxn3JoAYvJz0+gqrdtun2gH5OuOlI
CuCucH9adxg85zTEN/3uB2Jp8N0LeX5gTEeHA9Ka0DdFqSWJRmK4WRDyOOn1

FVnvEUfecj2XAqromwjTrxtUnPfPSptHia71ZZHBMUHzYH973o5riOlJZiS2
R+FI2c5GWJ6UjQZkgcYI/MGk3DGDj86BChc9sjrkdaeBjp09+KBngI3AjPUD
PPalGdxZlOB1p2RDbWhXvPmjRc4Uuuc85+YV3DDaq84GBTeiLWwKSTn8uaD2
5zUh0HIeTwRilf8A1eVHPvSDYoP3wfwPaoG69s+hNNAZeqJ+8icfQ1TyEG4n
JB4Hb8ad+iEtDdjkDxh+xGfapIw2fmP4ikPqaKHMQJP/ANemBeOy89O1Q7rY
OoHPQ4pOvTOKoW4dB/8AXpwOBgGiwaIQk4xngdOKB67sD1NLQYZOcY+hpOSO
v+FNALyOo+tIRkHPSiwGbfaaJSZIRtY8Y7GsbL27lXX2IIpNdilroTDOd0QD
JjlKmtLqS2cNHhouhQnpVqzQbOzNiKZZ4t0Z+YjkelOZRxg4qEwYh6cn+tZ9
4onXbGVwD98ngU7XZD7lJobbJIZ5HU9P4Sa1LmVF06H7G/MvykqOVqkgb0GW
1ultEJZec+o5NZ19eF5MZ5J4ArRJtak6XKyqUVSRkn7xx3qWFWeUqgyayloa
rshs8bRMyN17iqiKTHsAzjIzTvoLRol0uSCV4I78t9l3lZnTG8L6jtVzV30e
PXLf/hGRcjTEhxKZt+Wl7Eb/AJuhGe3oK0ouKbUlpYzrwfKmnZ3LmMk5X5vQ
ciIlyMk7fY8VFrmewiW6sQSACOgA60+WFGAO0DtweQamyTNOZtaEbWrA5Qhv
9nvUO11LJ0Y9PrWcoXN6dS+jI0Hzc9jxUpwBn1rNqz1OhWeoZxjJ6Hp61btY
mQFnGCexNaRjZmNWVwuLqKBSXfLdl71mteS3TqkaMQf4fSrMYx6sntbAKN9w
dx/uDoPeqN+iprUqAABogQBx0prQlvm2Ma7ZhqFs784lBH0rtrycJbqjIoKs
SrAcsaH8RKXu2IrMqI9gJJUZY+5rL8ST7QlqpJVvmkHtjNVBq5b0MCG6kjm3
8skbZVT0Fbml6ws2oxEnbklZP8RSbbHaMicskXxAGyNUzarkIOG9GrotP1S1
ubQX9zhLgOVA24AIOPxrR3b20M0i1JLJO/muVJbug+X8u1ZGoaJZXoJlg2S/
89I+o96nqU1Y5LUvDF3bBpLUm4iB42/eH4VhMpSQo4YODgqRgihp9A5tQB28
AfKT+Na3hTQZfE3iK306LiHPmXDYOFjGCB06mpSdwauev/ErxAnhbwrFpOjs
Ir+6jMcCx8GOMD5346HHA75OR0rmdQ+IV9r1rBp0Vi1u2czyxy8SY4GB1Azz
g+1NJ3T3JbaVtv1MdofLe6kWSNZbVGeaG4HBz2B9ay4Jnjff5qbWPGHzTai9
QhzILm/uROElOxQ3Cg85q7prjTNK024uV2ZnlLBxyc0lcdk2YGrX895eytLd
FIM/KiHAx/8ArrJmuNy+XGu2P9TRJK1h9RbW3NzcQw7gsckqqzN0HPU16FqZ
l1G1msLFUurqFvLXyEzlfaiLSZLOIhiDPLC7NG0bMJM8FSD0/pXXavo9vpnh
myjtL77TdXD72g242r1zVtJOxN27MybW1NtZ25kJ3S3IDw4wwUMD0r3nwzre
mapaiLT5juiwGjfhsj2qW7o0Sa1Z5H8RbltR8Z6nAjlEt2SIsnc7OQa5I2yI
0ZJJbcR7AetKCsmn3Ik3dWLWngfbZZXGBGhbj1rIkdpJN2MBjnHpmpd3uXto
WpWKx7Rn5R1P9KgGWv4m/wCeZBH6UlGzuNtI7PXNZm1O+sbu5VAluoRUH3WB
xmqZkFokyzW9vPE0hZJBztHXFU276FU58sbIYl+pXMKWkaAdWT9avaP4utrK
8Q36rPGvyjyU6A+1aK6RnKXOzIbWrebXbhfL8mGRsRnpx/jWlbws+umRyPKQ
AA545680m77ja7HXeErVtR+IUsybXtLCD5nHK7mwcA/hXUeOfD2naj4evrsW
kUd/bQtJBOihW3AZAJ7g9MH17Um7pJBG3NdnIeBLs6h4Du4GxvwSAeQMk074
TafBceHIIL+CIiXc0ecBjyeR61clyyaImlsu5j69ebNUuIraQxyW8mArDoR2
p9xenVbXdcxKqBQZJHA4rOKckN+5ocjJd2Ed86wTTxxh8JIOVPvXRaRqGpRk
SWdza3oA+5cKCD+BrJwdm4miktmTXOqXjSu0ulwoSf8AlmOPfFZ0up3DkYtQ
qg81hyu+psuQhk1S6/55RqQeneoJNUnKnzLnYBydvpTUFJDc7bFFryP7SIiH
k3DcWJ7+lVNRnRmKHGU4x2roiuVaGcpqTKECl3wq7j6V33hnQxZwrcXWDOy8
AjG0VM3yq5nHWVit4o1/Cmysn+c/6yQHOOhxUngeZG0ZrYrtaF8nHcEk1zxg
1DmOipJK0TL8X2pjvUlVRhuKxrSBry+S2QH9436Dk1tTd6ZFT4kzsdRmjtLV
8N8sS/L7/SuQtZ5E1SO6PJVssB0xiiCbuOTtCyOz1XVrG+0abEuHA+4Rzye1
c3ocAmuw5GAvIz2p0opNkVHaC7nSXEhjgZuMg8D61RkjZiZJHJ4xketFTsh0
I9WQlXP3ODn+LpVhW2Io3E49650tdTrehFeEvblXfHOVyf8APNVo42nIWMZI
4OeK2Ubqxk5W1uX49PVMtIzM/r60MWgTLnKj+IdqcqWnumMK/vWexb+0Tyoi
MRsHINOBJVRxnGOetVFNasmcot6BjI5PSkY4xwcnqRWm5g31EXg47CnBhtwB
g+lIS1WovBB3fL6Vzt6z3GpRQjOGI/PPrRe5cdD0fSYtsccZz8ox14rq4wYk
AHJHHND3HEd97uDTsYHJ24/utUliduHUj060EYGA1ADSFXnk+uaz2beWYg8n

1pANGV4A49ulLk4yM/iOaYugHI5A5Pcimbzu2nH4UXQCBAeRgfnmmtkck5oE
ML7Rk9B610uh2v2fTFZhiSU72Hce1NB1NAE/w8evNIfY8d8jimUJg54PPuaU
D1wR7igBeT94Y/GjhAWbG0DPFAHgELh03Htx708uMdfy70aEttblK6bH2YAf
fmTAx2DCu9kUeZg5IHTPaqloWthQFLZ25Ip3GzgY9hWaeouoKMZx1FLIp8vO
f0pgzNkJ+Yk9+Krsc5Ynj6U1Zid7FXUk3WzMOSB6fyrGViUHY89aYLV2NPSJ
w9r5Z/5ZkgfTNaKkA0loDL9o/wC7dOvPXFOIw2Rz9aQbCHOPWjLA8EBe+etG
4JMbgE+3t0pSc4JPPsaQwXk+nPAzSAnncRimPcUkAjOM0HBBx1oFYXpycjPr
QQScilew7iYIHPSql3Yx3KljgP196a7hsYUsc1pJggg5yGHYU+M+Zgp8ko5I
xkEULR3Gve1HQsY5g0RKuTllY8VrW15HPkE/vR1B6Gh2bug0tYj1CcxiOGP/
AF0zYUY6VTviYXFsMhIh83uTRo2DVlcqpGxVnJO0etWtHYeY4fHIGAelNCFv
rvcCATgVmp/z0bjOOcdKp6aExj3LTyM8WOFX2FFpObZmPB4AB9alstK2xFIz
STEsx+Y5PrUdrgTSK33m4X0HNK7CxBDHsmkTPGePxqVvlyehB/L3NXLUm66m
sXAXjr1wOc09Rk8/maSVkZ8qbZMoBxknP605hgZB4PqaLjSKlxei1kRSMqT1
z0olnScxmPkknmlduQ0rLQaYw2O+DTWV1BzgHpgmlUgmbQqaFmOJY1E0pGMf
L71VutQJOIenr3NGyJ+JkUVjLOQ8pwpH8X3j9a044Y4ECxKoPrjk07Mhu+w7
OBjgmsbVlEesWrnOGXDDvgCm9CYrUzfFslpJrAm06FoLTYoCOcnd3P8An0rW
tp21a/8ANbKWtuu1F9Wx1qXZ2NIp2NMlYImLZCjlj61xt7dvcO0xwXYj8F5x
WkY2RLKduQFfB49fxpis0UqSpgMp3BPU0uVt6gvdZ0FtqEuoeJ7fUJ1VGaMQ
gAcVsWN5ajw5c2b3UcchlYrE4GGy3Y9QaaeopJ9B0FxNatuicA/3XORV631K
KY/vwYnz94dKdmtRJ3ZcADDzFKsOzqeT9apX2k2moKRPAjn+8owwoUnF3Fa5
y2reFntI3msJPNjTny2OG69vWvUPh9pNn4N8EPqmqMsUsiebcSt/COgUfoMe
uKJWtdDWu547r+uXPiLxFcazcjaZTi3TP+qiG5dv17n3JPek0q/NrcidkDHA
G3271KlZmnI7crlfzLet6la3DLJbReUzn5kHQ1hPMof94Cy7T8o9expX12I1
Wglj5kmrWYfLM0oxk9Tx/wDWr0H4sWs1hpejxXbbrqVmkYrwDgdKpStG/Yn7
SPNpMliR909B6Ui8uAxAB71N7ltF4YCbYmGAeP8A69dBpeoy6dOl7pLvBJ5W
2X1z61CSbZUk1FWIIrRr6AXlqjPJM7Gbd1LetEo1S0u7a63SpJav+6DDKj/6
1bN3SZlsrNmjp/ieN/EEl9rFtFK5beyqNoyQBj6cV2Rn+HWtXg/0uXTJyhLM
ZWtgrdssflLDtgkfWstY6suzSsmcPBZXF1Y389m8c1vFKzq7vtkdAzAMR6kA
Gq9zbwQadbTvLi6JCujdACf59K0bVrxMvem72Lg8ParB4WOsGFTaXLqqOH+b
BbaMjHTNc0qrHcBJOArkOp7VPxRUo9TSLvoP86PJByy9x3+lTNAkOmw3zctd
MdvPyhR/WnFNBOze43T3kkvkDAmPBVge/Hb3qK8jfdxIQik4+aptoU5WehBE
/kxupy2RgZHH4VCARKyk5JHWrvdakRur3BgpHJGG7n1rf0OWU+HpzJJkmVFj
B6/exioa3Ki+x7B8JbGC08CRTo6NLdSPLM/GRg4Ck+wH61pa1qiXMb2kSh7a
RSHbru/wpqTqe81YWyOS8MwwQ6lqlpbcKyBiF6dDWDpGvwaZpkuk6hYR3NtG
W8tj9+M5PzKe1OTbFFJvUyIykt1HJcbzEc7nHzHHb6ms7xJqbyq1labks0OM
ngyc5yRSekUNpupdmbo0aXNyImIDkgLnvXpvw58N6d4m0i+vL1XMYkWKLy5C
jRyKMseP95cZyPaq5W4uUdkZztdK9mzh4E1DVkS0sY5p38vzAydR1yT7dKoa
rZaho96sF+5WV13gK+4Ef57Vy0ZqrSjUa3Nm2pcnYooSchnJY/3qdGpdmBOF
HU9vxroS8iHfuPibzbgy424UKB2J7mo9QiVbplX73AbHNNtPSw46tnVeEtBI
Av7teSR5cbfjzVzxLrgtAbS1KiZvvMvVRwfzrirPmlaJ00YJO7OILFyHLck5
z61veDrgQa00JOBcRkAZ4JUH/GuiUP3djC7lO7NvxTbLNY7hw0Zyeeh4rJ8L
W4RLi9bh87Uz+INZwtGm0jefvJEGu3G8CLIIHJB/z0rIVto2g8/nWsElEmbU
eom8AFm5wOg7V0+i2hhsRvBDtyf8K0uvmc0ldamlJCkkZBJ6d/Wq4DQ7d4BX
1x/OpauhwdnZCXEO1RIp4HNVcvuAUFiQegrj5Hz7HdGdoliKyZtrXDjI5x61
bVEjAWNR+VdcIqOxx1p8zuHqSTikZSRtYDHWrk7syERdoO3hemKcAWBxgH6U
9AjFoXBXOT1PHtSFtuAc7R1461O7KcbIbnJJAwDTjgAZH196EhSsMnbbE3Of
61meHoTd6vJIF3BPfge4pNJMavys9L02LLjsMZzitxFO0bct9KRa0HBTkgnL
fXFOYHjkUhjSi4yNwP1owrgbuPQngUARXLskJ2fOenTOKpkcAZ6UWAb1yC2D

6Z5o4BA3H24psQYIzwQPftSH5hgEbfUipuF+g0jIyTgDueBTMhhlCrD1Vs0x
hBF9ouooR0J546CupEoQhQpyONw6H6U0tCOo8S5/iJ/HFKGBOT09SaZQ9WTo
c8+veng9h07DrQMUDnqB+HNVNTl8uARLkF+SBzx60IDwFWKrkemfxpzScnnB
xxjtVdSXG5XkZjLa7uf3ykDr3FeiSD5iwPHpmiSVtC1e2oDGOST6AUo+7yuT
6VAhQcHnr255pWzswSeP85pO4XM59pY46Hr2qu65XHfP6UloJ6jJF3qR1BHA
P8652TKuy474NaOzJs0TaZJ5eoBGICOMD3NboOGIIOc0mjR9yzbOFkHyk8Vb
f72QABU9CRnbpmjrzzT3KuNzzwD+VOA47mgWtxDy2Pyo7k56/pQDVmJ1J749
aUE7fb6UkAe+f/rU4su3rwKYDSeB1H40cdsfzpapgQzW0c4llXisK8spLaQm
PJT1Hamxx0ZErrLtEnynHDL605gVOGbZIpBRxT30Hsxz3ErXCPMcunRgKdLK
bmZikBaVvvNnr7gU9pWE7MY8V2SvmQOVGcBRxTIw8Llmyh9KGrE3vsQyMZZO
vBOB7UpG4YBKn2o5vIpa6FmMkwOD1AySKg4B9OOlT1ugfmLkFgcetEkbRjzs
YQdc9abi3qF0MnQJMCvAIwx/lUMDFt3mtwpx7UXa3BJM3RyVJU5xjjpTlzt7
YHGOlNmVmnoBY7goPJ54p287cn5RTaW5Kk07GFq0yTErFhgBnB459a2JI/8A
RrEoNoCkk460L4rmnRDZpQoOw4OePpVQyMxyxq1C+4la9xsrPIyhmLAdM9BW
jZw2w+ZX3y9+OntWUkkN3a0LZX1wfxxRgg84bI6elIlJiDnJrG1zDT2jKOcn
n8KdrlJ2Oe1Mk26N25PuDXVaUqw6dCmOWG803HVM0VuUg1q52WyQj7zk59hX
MSMHkATI5wPfFWkSny6kSbfmHoe1JIPlPTdnBFTewOV2XreaGKz5U+eGAjf+
761nzlZJDnofvexqbN3C9tyzaaldWoZVfzY85Cvzn1rWtdYtpvkcmFyOj/d+
lOGjsx2XQ1LaZ4SrwuVHXA5U1rw6grLi5jIP99atrS5F77ll2nVreazWG98m
VZGikONwHY1u3mpR+Jbc219YPbWkWD5D4cOfVsdh2H41K1YpJOOpwmt+EYHu
Z/7Pl8h9+8AglD1rmb/Rr2yU+ZExUfxJyDVzs9twhNrcxZGZmJJ+YcYqMDdJ
zWV2y7dTb0ewuNkeqhB9lilCZYf7Q5B/Cuw+Lt/Fr+paYumkzLbQSmQ9OWxx
+lNReq8hJ6nmrh9+0gg98imnABB57UtQuG8xHgVYhu5V2lWwVGR/9enYcZdz
ofD2txWNw+9FTeGwTyAfWtERG700XIvneVpMGPIJ2euO1NNPWQmraoz7gJZz
tJahLiMoM+auPw/+vWgy6Nf2jvaW7xSKqqZSPlDHqDVbomSvqGpeG/IkjGk6
pb3iG33yBWKuGH8J559qxVsrz+z8S28pQH/WBCwODnrWjjFv3TNTf2tDTl8R
alceHINHuJ1+wwsrKsaAElW3AZ7j2rBuy88zTMgDsc8fU1hOHLFRXQ0pyjLV
D9FthdalLE24IIyRgZIq9d6e/wDZsf75DFHLiNM88nniqWlrhZOV0W0snhXT
UV4gJ5mU/NnBA7+lUJrNZtUjt2dUV5tpZjhQQc8+xxVt3Whkubm1LHjXThp8
8M0T2nkzMQsVs+7aQOc1zkURecjeAQM/hUKzNop21GXB34SPueBXSW1sU023
VApC5dge3NS9EynzaWOh8HeKJYbaPwztiigDb/P3FXYE5x15rc8T6gNIEqNI
SAMqzdSKE3YTSbsc5Y6jregl7uOFwbwZWRoywdfY1Vt44bgztqEZj8x/MLMC
uBRytbgnG10Q+H9bsrG8kjvLT7TbDIUPwSD0OPasnUybiSR1GYtxKn0XsDUu
7WuxS0ZkLlLuJxkfMBgcV3mlzXRQw2l/JpySjc3lzFA2AcZAPOauycGmZTk4
PQp6Vc/2Pex/vpLZW/dCVOmTxx6A5rY8ZeEtLsdQ01ZNUeKO6iYtJL8wyADx
WUVCKWmiKTk5ebPN5CY7iWPIYKxXd/eUdKmt5EVSJMkkdQe1b9Ql2YQn90zY
+9JhT6Cui8OaIb64F9dg+Vn5M/xe/wClYzkoq7Gkbmv64mmw7IAouH4AXsPW
uClJeSSSSTc8nJJ7fSs6Udbm8tI2QwITtz19PSp4Jmt7iCfadyOCfpmuiUVY
5tYs9H1KNbuylC7drpkfjWTHEljYxwpyIl5PXPvXDa10dPxJHKXxaaZrjeCv
QEfyqm42uoJ5rrg3GKVjGVpMms4ftF15f97hsdhXcRIFRVXoq4yeM1b2MZpu
W5LwR8vSkIDLg5IPWpGroryW+/gORGO3r7VNEiQAiNcZH1qUle5bndAQew/C
kHHSqtoQriFRzjt+VG3jnmglpXuKMKOOppv5n3pq6LewEccmhgQ3B60aXEr7
obj5cYxSOCUOMH3ppCk29ilqswhtiV4IHTsK0PCFoIrdpFOVkIIx6YqbK5Sv
ZM9E02MLGCB/QVeKBsc8eqnGam9y0IBtyMk+57fjQTlsgMP5UDAfMcE8D8s+
9B3Yw2SPpwKAK87ZkC5xt54P86gxk8gA54470CYFSO+f1pB0wW4+lNCEJOcY
HH601sE8kfSkguYep3N69yIra68uMA7sc5/+vUVlaJbk/Z2kyTk5OeawqVGn
yo6IwVrm5YzXNpJ5sUmZcYy4zx6VrwaurgJeJsB6vGDgU4VLaSJlT6ovBEZP
MjYPG3RlPB+tPTdngZ/DNdJgSgkcE4z6ipEIxnPH0pFEgZRyeAO5NYF7cNNM

z9zwO/ApoGeKoR827oCDim7QrkHnPJBOfwpCTT0IpAZbmzji+8JRx07g/liv
RnIBOGQjHGKNbWZpLa4wDK/5FPHTqfypCBeMkClZh5WMkDuRQJ7GdLjcTULH
HB6UWFshhAIHUVhaggS7b5chjnPpVNBfoVySsiOvJU5FdBHIHiR92QwyMUrp
7CvZak8bMGz2rS3b4hjC+xpMroR4P4e1Jkkkknj8qAQHgZGenNIcgc59/akF
wz6Hn2PSlPB5JPvTYID07cdKbyOcH39qFqD0HEgnpn3pc8ccD2FDQCdznGaT
jGSDRuAAnoAMe9NdVdSrLkH0pDasY97YtHmSPG3uv9apRuNgjlG5T17EH/Gl
K0XccHzaMkZPLiKlt8bdTjp7U2PdbypJH8yjnOaq6lESunZmheayLiFRHGUO
PmUdKxpJTIBg8cgjv+FVzLlJ5eotujTMOMf0Fa4iBjACgcY6Ur20E9vMrvGI
mUryGOD7Go7uIIiuByp5707Jiu+rLiqiscKOnpzUc6eZEyc4II6dKaYpaszI
5c3DRyHBC5Geh/8Ar1XhYL5meeuKmzWpqpI6FfuxnOOBQWO4HjH0601exm2h
zEdcD8R1qN1IB3dCOPrQrEvTU5+6IMsqqPnAxz710LuRa2ypgny8eoFHU0ve
IwjAxxu9cVGyhvc+tVcmyW40Kjckcnp9KUqqvlePWi1xqS6E0U7hTuO5OnzV
cUsyqwOAR0PepaSE9GKMlsHp78Vzuq3yz39vFGwCJJhj68UvMEr6My9Ujwjx
rwMmul0zJ0y1Ixlh83qAKpvYpaLQxNWuA9zJIW+UHap9qzA3PHy45IxzVeYX
W3USEfvSuBjk80wJudEY/MzgVLatdIJX0EuWPmyohwFNMGBnq3OeOOlFuVam
i13EzgYOMnr6ioHBYnIyCQBS1TM3boWLW/urKXME3H908iugsPEdvI4W6Qws
wPzj7tF2thaNa7m/BNFMPMt5VI4+ZDzWrZatcWshZkWZSMEH0p7gtNy3cXtt
fyrJCfIfbtdGXAJqJ1KNhvkHt8yGjVsWiMrUfD+n6gpaS3Cv/wA9IvlNYcPh
WOw1NJpJFuLLBBQ8MD2quo72Rv8AkCS1lsbJmS0kGWj4IzmtHX9O0G31awn0
+JYtM8t47jyPlw5Iwee/rUptMWvQwPFj6Np9vcadJBbyOtsfImiGDKT0JPqK
82Awg34z60PUa0Q4Ybn0HI9/WlHylsHOaENkyLu2k478etbOg6Vqeo+edIhk
d4OJGXOOefzpRi27C511LXllopP7UdrcxSqjgLk7SeWx7VseG7ewh1mPT31I
xaY87MLw7RkhQy53AgHPHNFScqUW4q5LipljxRDbSeKrwR6pbTSRFMyJhCwK
Z528Z+lQaHeT6TP9omcXNod2233/ACE+v1pUayqxbXdocoNaPY0b4aPcW63N
jARchdzQpGNoc9hXC3ZkkuHYB0ViQVI6GtNWyI+7pEaiSpFNcRy+W6/LnO0n
6VTlaTy2KOdzk8k9xUtLcqM7ponuvK8yzktLiRwAGcP0Ent7Vetn+3PIXPAc
IzkfdJojytMbk07lHUreW2kNvMys0TYLA5H1qlaFUv4Gf7jNhvpSp26DlJvc
kjiEmryKP9WjkL/SuhuQUd1BUIiBTn1xWj2Y4tGh4F1dbRdV03/hGTrjErMG
RcsnAHJwSFzg5HTnrWn4s8Tsl7bSNokNrHLGY/JkAba/UnoO3t2rCMakVqU/
ZuWho+EPEniGXw6I7EaZLa27GMQTlhOU9ucEc46Vg+NdRvprcHUESOQARjC7
T7ZFaTjJaNmUHDocKjOpG/BHc1MLwxIVJDbic5HH4USs1oaRdtyNF8xQ5YKR
82atW100IEqFiDjhueaFHp0FJpofqUlxqFquImEf3gQc1Lq+s32spYxX8vmr
aIyxjGOuOfpQ6d9CVNKzM6RVZju6/wB6o2VQhOQCM/8A6qvl7jfvFlFSJbRZ
G2xu3Ddx6muhttRvNDWSyuFEiMf3BB+6Ouf1rCor6FR7nOTyTzztNPlpCTnI
79KWG2nkACxk8cnFOMFGNmEpe9clW2dZBvGD1ANOaDMbKX3EnBOPWmr3sKye
p3Gizx3ejIFbcEGw89eaxdeuXsoQkZAYtn6DrXNb3+U6I7HNCVv3qopCE5A7
A1EcsVB45612qz0ZyvR3RveHrTdLJMR8xxXRqFz04pTS6GSTux2ADxkH8qXO
ODzUGgxhj/8AVzQQQw+b6mgV3cUrySACPrTeAv3cD+VO9hO40kZ47frSnl9w
4B/nRYFqNYN1J70EZ69z19DVXb0J0T1HbsKOoGOmKaGGNvI+lTazsW3poGOB
yKRgMZ6GgXSxia47FxGpzyPriu38P2ot7GGJkPQEkdjULdmkmklFHYWyBYBj
cfYcH8Km5fOXwfVu9FhrYAQoJ3L17c0q4Zs71BHagYEKcjKg+xpgAVSPMB9T
0zQBSzlyynIPrzS9c4P48gU0SySe1uoLYXBh8yLGf3fzH8qJNOvo4BceSssT
Lu2pyyj/AHcfyosCdyskokU7OcHkdCKO/PHc8UIZzEk6m9mIxhsDJ7Vdt2wQ
Bj3zXJUvzNHXF+6XvOjRdzsFB7ngGpormI/x4PbdxmhRbVwbRJHPNbvvt5mi
OckL0P4VsWupCQATbHbvgbD/AIVrSn0ZjUjbVF2O6ti4UPsc/wALnGfxqxFN
DM7Rxt869V6fiK3Mivqc/l2/lqcF+D9KwZWAJGRz2NV0A8eQjG70JpMZywGf
WoV7kWuQyqVurWQH5hMoH0yOK9HkO7nYRnpmrk7o1StGwDJwG79zUgGFOSGq
SbIacAcAk9aQtwdoH0xSdw8ijKN2SoGc96rt24PHrQkDGHr/AF9Ky9XTBjZQ

eWwR2NV6kmd8qjpknvmtTS5A9tt/55nH4UnHqXfm2NBeTx+ZrQtWzGRSsAp6
88nuBTT2x0oEJ15pc8dCfWgYh6cjHtThwcdR7UCDGDkUmRjqMelCeg2KTzgc
UZbB5/xosA3HJPb3owSeR/hRoC7inIHPA9utG3A5yfalcFfcTGewx6Hms2+0
/exeJTux0qr30YPR3Rlh3t32suD3BHFSj/VloWPHVPrSSsW9VchddwfYwyOC
KhjheV224XaccjrxVddDPZal6IiBQkYy3ckdaswh5ZljRSZW4VR3oehMXzCX
cboSJA0b46MMEUSIskQQjhh9DQrk9RsRJyuQSnGW704bgOTz6jtRdMb02Mq+
Qx6gJFX5SufpVUYjkJPfnB7CjbQ1hZxR0NuS9tG7ngjqT09qlHYZz/Si1jF3
5hxCkdQR+dNdSV+UZ4+tA2c9eRlZyCOSau6WzeSA5Lc9aVtTaKTg2i83zAno
QKiAIJ7A8ZrXSxl6CLjBAxkfrQ7Z98+lLUEktgYnzY41HLe1aPG/5TgAcCoY
5PojI1vVCkZtbc8sPmkzz9KwYklmmj8pS7A7iMdh1p7D6EusZ8uQD5tzE89x
9a19PujD4XTblmwVHH86fK9LD6GFPJkFME8/nVfC8qSc4xj1oRKuxY223BLH
ginWyr9tj3chQSQetZ2ktkXFL7TIXj+cMQ2HJPFR4Adx368dKt3sLSQjDkcE
5GCTUT8fd5NEgdo2GONpyeTjOKMZVcgFckHNLRWJY+G4uLVi9vKyEdAD3ro7
LxFNlVu4w57svUCjbVF/ErHQWepWV2g8iYF+hDcEVpQzSQN+7kYg9AxyPzpr
Vky93RlkXEDKTMrxuBncpyKprbTag3mwSLKT91V6sKHvYSJbWeLSo2e8Gy9Z
tkNvMu1iem7BwcVcu9CmGnRw3xkS7LeY+CCgBqrE3OM8T+GtRuLuKa1VbiFI
9pVT8xPriuOurae3n2zwyRuOSHU0ON9UUpJjFQMPc8g09U3jP8qj0LVrampo
WlTatfPb2kbSTqgZUUZLD2rpvCMviLw5cSiwUC3uXHnl492wqCCf8atRbMua
LduhpixvLvXFltLMX8gxNOp+6V9wadDo895PLcWtm4tVYsNsf7vd3UYq0RJ6
6HN614dlS0vr20sbgLajdKAnEY6k/lz9Kx7qyNnocV4bsbyc/ZyCGZSeo9qm
yWr0NU5PzNvwlcQFXtLksWc7ozu4Yd1+oqjq+mXWn6tHC0kjQzDfG57DPIpT
fVIW7ZDqkEKQvcPnIGUXNULWFjHAZOVaMyE1PMmxS02KiMFk/eA7QcjA7Vc0
SbM15CzY8wblx6iq62Y9Ui5q9rGmmwXBkHmSE/J0w1YUhxyO3ep06Djqi/pM
e+RMt80swHuAK2rx1a4JJwHfJB7US1QRTbt0KWg+INT8Oaxc3mlzKrTDy5Fd
Qyso6flVbxFq93rerC6vZjIycj0A+nvU8rnNNvRGjcYxtFanZeFdS0mPTYYJ
bVm1N7kNBcrjC8jKH8AfrmrXxUh3kTAKHUhicYznitasr3dtDnorllZ7nnAX
CjjAbmoyvZiOKlpMt8yYY/4l8/OAHHI5OK35I1tfDxLIA+B296q75bEy1aRm
JeTwlMEMuOgHWrBuVUDfEMcjIrNJFpX3GvHazxuS5TAzg9/wrLH7zhvqcVUd
dGUye9XfFH0PykACtSxnt5rNZbqQtNtC7T0GDRJa6Epy5bDxe2aElYMt1yR1
NQXGrTuwEQCL3Cipak3YFZFR55JpHaR8nOOOOKa7MXyWJHbPeqstuo077HTe
CbhA9xZrySodFPQ9c4qTxbbZEUwPOeh+mK5G7T1NYN2djlWYc8Y9u9NQGSVV
UZyemOTXWtOhjJo7eztltbZUBPA5JPerO0LnBGMcZ7Um76mSTQ7sOc/rTST2
Of5042e5bdkByWySKNwHAXA9aXKmyF7ovbpgdeBmkAyQT9MUtEVuMKnOe3oK
McnBIFF7go20EzuHOMdjQByf554p7aCWoMwHAH4UgGSDnj3oCyTFwGGfTvSE
8EfypeTHZIxrRUvdc2uCwGDwelelaZFnHB+n+NJLQb3sdAuQvC5PvQDuPzKM
+4qTQGcfdyqt7Cj+HAVT79x9KAEIGBh2+nFR3BKREqQSeAFPNGwFcZGOf1xz
T1AaRAzKAT+VMlm1Ym4a7LiELahMI4fqfp6VobjnOeaY0Ub7S7S+y7p5U/aa
MYb8fX8a53UdPv8AT4ZHkVri3AOJIhlse47fhQBwdzcbtTEcAcggfKR3/pWt
ZzCbKsNrp95W4P4VjWp68xtCa+E0IsH5WGfTPNTG3hjBwxcsOVY5A+lRGVlZ
lSjd6Cxk9G/DrUqANIobOM8kHmstpaGm8S/qxMWnwwLgF34bp7/5xUEN1LHK
Gi3My89eld/Q54RTRNeau1w2ZItpx26VRN0GOSQKL2RB5YFyMAgeme9InPIJ
HHINNB0IpiGuLRMEgzKc+mCK9InOHAA+UCk1ZCTcokeC3RyB9KQKdozkA8io
9R9CTaMDOAPelYZTGRntjvTugM+YYYrkfgarnge1MBvt1/lVTUVZ7NyuMpz0
ouxM58c59TV/SjsuTGcMXXOB7d6eu4LTY2RgADHB6jHSrVoxVsHIB9DmpQa3
LD/K/wAq4PvTWODls803qMaMYz0HpS459B9cUmCExg4xx6in5yMHA+lJjGt0
JGM0EgtxwDRsCFzj5Sc/SgdRj8KoQYIByc/WjsCcfzqRvyAjI5AzSFiWORzS
3EH0/CkPGQN2SKHe47FO7s47hARw49KxnjktZOTx2pu+xUWloG5WQyjCyDrx
waarbwXHBHYd6cezJltcC0kMimRMA+vH41ftLtYZhNjBU5+lN6aGaiviNvXG

W40JL6SMfvPlBHrWKSdq4GAeOaqztqTfVocIypOScmkz8v6c0tOg9TP1kbrM
EY3A8n24qpcKmEdV46fMKLt6FwsjZ01t1ghJLEFgSanKkDJ64/OktEJ6u48E
cY4pf4hgdetGwm+5z+q4NyBnpyD/AEqxpufs6sQRuJwKabvqaRa5dDRY5XPf
3qCQlVO3/GtEr6mbuthuAzEoOOpyMZNNZhHGAOWp30Gl0HWqytKXjP3Ofm6V
LdXUtpCGkMRyenc1i77h15TnJJRLIzuBvOcn6Vs+G7VvLlnHPmHagA/On8RW
qW5dj8GalrCXRgeKCCDEkhmzk98KMe1RTWz2OleW8EiA8IXQgN+JFax1Ic7a
HKSdGzycnP50MAXUg85J+tZzu9UWrIidcSZwMAVYtRk3M38AUAUnJuwJ31ZH
MWMUewZCsQfcVEwH2mTaBhR09aEg5lZ2Gvt2r1IUZ9qrEBcZ6ngmqaJumNOc
DH50gIwBnI9KWjBeZOsRWMSNjLAMB7e9RSy7d23756nPSiN4vUp36MjVgIi2
8qw6CtrTPEN/bJiR/OQ8YbrSdw0nodJa+JLG7xBcZhlf5cdRn0rZtLC9XW4k
0u5S3kMaFdx2jOe3vVxtLQza5GdZ9s1WHVH03VdOtdZmCeYLgRrHsGM4wRzj
2x3ql/a9vOSszG2cHHT5RTs7BoxHiaQbo1Sdeu+JsNVOe3huAY5ljc/3bhMf
rilsGjMLUPB2nS5kWOa1kbkPGd0dYU3g69gYyWk8Nyn93OG/Kq916ibexjmP
UtIvxdRLc2lwowsiAggfUVe0DXrqLVXS7vmSB1IL9Tmk/dKvdaHafboYtRkb
SLtr7TVjC3E/3TnumR6VuQXE8Olwafokklo2fNaQneoGeFx2/rUXXQS2sy14
/nGm+GY45ZIk1PUZI4ZfJix9pUffB9tpP8u9cr4j8QRW/wAN5tFa2zd3T4VT
HhQu8HI9wB+HWs6sJVYSjHqbUrRknI8/tYZlA8ssJEctE/oc5zXUT38us6Ul
zIoM0ThJQR/EPT61oqbjBJ9jKUk5NnIajcvNdXAkyAvybTxirWmEwzRsy+Zs
wFQ9D/smnBWYNcyGa5dpeXWVt1t1j42IMCs21f7JqUchI27tp9weDSk/eLad
jb1yDbp69mhb5c/3TXPSZY7VIOT+tS7OQtjf0eMprKrtAFtbM7A/3j0p1xvS
3laTgKvzH69qckmrhTkYysGXDZBxz703BOSozvICjHJ9qIt7Ez0uzXsXawu9
H85HWFJi5JUgFjgcHoTXpnxGjE+xmAIlgDfL0xV1LONuxFN+8pWPHjuywJ6N
imMdjH044qNbGzdyYKzLbW6rmWaZW2j0z0roPETFdPKbcEvgj3B4qp7WRm9J
WOejbaVBwDnvzipCzcqQSo/Sp67FehHtZlIJwSOT61BteIoCevXFUDetia6E
qL8yEDPpSIP3WzByRyOwo66CT0Hkg54wOx9falQYzgYz0zVXsDakPjU7pPlw
ARketGCw24yOtKSvrcS1umXtCnNlr9tK3RgUB+o6Guy8QW3m2EvGTGCeOp6c
VzVVZpm9F62PPepLqAAc/hWnolsZbzJyUHOc10p7Gc1udaOpyM55xinEsBz0
qG7mSi4iAAD09OKTGCAFHrk9jUgKOSSOPwpPqR9KfUY0/KuTxjoBR83JGOOt
O19SFcMqTz+dIVAHTJ+tOw731I9vy47UDCnGcnsKGJPUcwyuKjwQDj0zSG7j
gWyOMjrUdzIYoHIAyRx7UvUpeRB4Rg3zTXZXBdsKe3FekaSh2gleaLWWhdtT
VLA/K+4e4pSVC/MMD/apFCBQxIDLn0xQcgAAlO+c0gEC7hwBn1xjmoJj++VT
jK85B4pPUBinOcEg/SrGnQGe9SM4wBuc4zx7/WqIZ0YAwFUYUcADsKXafSmW
IRjqKASOlAGRqvh3TdUk894RBeDkXESgNn39fxrlNY0PVbN/Okt0vIUJ/wBI
tRtkA9WTv+Gaej0ZO2qKtjcwylmM8LBOuW2uPwNWGmDPuUgg+nSuSpTcXodM
JpoljmTZtlIKeuelFtc2Z1CKBpchmx8vJH19KUbNocvdTJ9ZdW1eGBn3bBkE
dsin/wBmXBzIxYx/wlWwx/DuK7ZLY51Oy0KM6zRg+avIP6VV3nd3zUMvdHnr
NnqPr6ChfvE889TVbGPWxHcLuvbFc52zqW9+RXo03Mx6fSi+hUdgRdq5AwT+
tBDEjFRcpj8OF+6B68cmkLLsORhvbtRsJ6mfOMtxzk9qgbjnAJp7hsN3Y56H
tTCNyFTyH4+lFtRaHOPH5MhDckHqaLd9lykmSCD34yMdKu3QUXrc6EDIzjgj
INSwttYYwCKgq5oM2UB9qhU5PNIBT2JpM85K/pR5ALuIwRR3PT+VDATv2x35
60ED6UXAD047en9acMY4HI7mjQLBjGOOaMc57mhIA749DSYHpz/OqsAY+Xkd
e2OaQnaeScn170h3GEkjjpjioJ4VmQqy8/ShO4rdTDuYRFJtHOegqnFKFXb3
3Zz360vQpXlqX5LkXJDOwJHyqB2FJATBIxODFIR17Vo7MlJ3saOWdBGZSYwM
iPdxTcEPkdffml0IYE5bgfXNOJ+XoGNNtWFsVtShJ0+UY42njt9KzGzJbn0A
BFF9RrRXNPSiskTEeucDtV1lGflxu781L0K31GuVjGSwA9+ppnns/wDqInb3
b5RTJ16mBqAlN0N+M8nA6AelX7RfLiULngULV3LWkbFx2wgz+tRKSeOoHc1d
yfMbJINuEI3VUyAWJPIHP+NHkwv1NOMx2GmefO4BPOM9T2xXP3l1JcXPmPgc
9PSp0YLTUouCoOOv3uf5H611sV4ZZLVocRlCOEGMDHWlzK+jNbWR0Da1fWxa

SO7SYoMhHHX0rD8S+ItW1fTo4dRkjMSSeZsji2kEDg+vc1S0d0zF8stGcmUy
jeuc/XNR7CIiR2qL9DRIYxG7aR14zS2m6NMuAVVsFccGlGKvcHK8dS94f06T
Vb6Syt1LuFZgAe3+TWXK4F3MNvK/L+IJH9K25LxJ5lew0jgHqMdBTWGVbcuS
B27VLSdrMHG5XKnLY/8A1/SpIozI2VHy+lJu5Gt9BbmQAhY+mPz96rHBJ3cm
l8WpafcCATjkY70/BRMn9KF5idiPe8UqzIcSI28fUV6ppF5DqcN1NDMhkWBQ
DIcFX9KFuEky1e+ILG1sZbm+v/OurdNsccfBJ6YBzzVCw8RaZqES/vvKkYcx
yjv6VfMkxKDkrmkg2nzLeRkHrE2R+NWl1C5K7ZhFcp2J+9R0uC3sx6XNmTlH
ms5M9Ccqan8gzNkLb3PfMbbGFCFe7uxHRMGOUFQP4biPI/P0rMvPCumXylpL
AJ332p6VSbQr66FGHw+dI0W7s7K+Pk3DANE64YDNaHhWSPw6DDdSNdu0gk3F
ucDpUytuUm27Mm8c6lfXOr6ZrWnW8Utjo6ySskjjLl1wcjOOO341wXinxFP4
iv4LuaOOJIVPlpH6HFYxpcjck/iLvF+qL3hXTRqeqpA93FArpvYynA2+3uaZ
qF5b2+rTLaAm0ikwwB4Y+o+ldT7HOrpu5leJLXfcPewlSrlQSB+tbfgCz027
8Txwa6sDWjqzxrPjZI4UfLzx6n8Kxq8qjeTsXBOWiRT8WWFrZ+KNXtLRFW1M
iPasp3LtKZYA+gNclqESqo2HKleDQ3zalWaerOhjc39miH7s0QUjPcVz9lFn
UPLYjEfJ/ChWb0D7Nzb0py2n6tflfmkmWJSeah1CVksCCeXYLjvj3/xolHSx
STtoZByEILGnxrO88aW0bNOMFAoyc5X86uklzIyqz5YM+i9c0y0/4VpLYTGG
3i+yqFedtojkOMNn13HI965jxS/2nw5pVwB83k7Gbrk5qJciqSS3Lg3KnF3P
KdWgEOrTIAVG7cMnio7G0e9uo4I1ZpJTiNQuSxxnAH4UQ1QSfKjf8L6RbXXj
5bW/LxrBatKQflKuB3B6VR1yUyzAHpuY5PGee9VJWsRGXNJmYqAnc3DdMUuQ
FxjnPSq0RXVtjioXAUH1x2qGZBsLAZII4Pb2qetw5lodFfok2gxTBcup5P41
hOuWyi4B6sahfFqVytx0GSLifYOU7HHWmcq3PAFaWSd0RFaDoySMbuM569Kf
jG4juMcUO7dkUkloRztsO7DBkIIx2xXplrKL7S4ZQVZZk+U//XrnrrRNmtOS
vY86ubcxX8qLyqtgAdOfWt/R2MNuFW3L549DWkG5R0MqvuyaNJjedNka++c4
pR9rDkgRkdx2oSstTLmfYUyzAlnt/lHUqelOS4Vjtzhj2binoPYlx26ZoH1/
GlfQd76sMDqcnPqaa3OMcgcdKLA30FGcEHGB6GkwAcnOD1oHoxCPM5U/4GmF
AGxnpRsTdNgBg9cY6CnEgDnOcYNO90Sk03cUZ6L+vWsrW5isQjjyWcgYH1qd
jVLqmdL4fsBa28UJ6gZJJ9a7exUJENzZU9wKba6BBt7lkcZGePU0djnb9RUG
g0Ag5IGPXuKU8dHyO+RgUADqepAI/wBk1TB3s7FuM8DPNFgEJH8e3b6962NB
iKWj3DA5lPy5/u1RPU08B1/vCq08BX5owyt7HH6UFFZb64h/1q+ag9FwQKnX
UrdwDhgO/t9aBXJo7q1lbbFOhPpnmp8Mp4oGYHiHwjo3iEF7y3MV1ji5g+SQ
fj3/ABrhdS8G+LNCVpNGvl1O0X/llJxJ+XQ/hT0e4bGRbeLoLeUx+JNKnSSN
sEBSuz3wetbeg3+h3etKy3KQwE5G/AIPoaVkiZcxoWcn2/xHcSxKJEt9vzKe
CP612E85dw0caq4Gcd6b3B6HPXjI7t+7wc+uKyZUCMNgx+tIq5wFxC0LsjA+
vPemKAWxngfw+lPfYzi9dSOX5b6wAzkzDK49xzXo8w2se/POKGtNTRbCDAUn
OGpozkkYGe+OSKm9gQpK44JJHr2pGJHagHqUZyPMznBHbNQHhuKaJ0G98cn3
xTSRtI6UA3Yxr62b7Q0hKoh53Gsy9YALHCSRk8+tXFWdxcx0dlOJ9Phc+mD7
H0qwhIPXNJ2aK6mhAxaIjJyPXpTTw2O/vULQdxQSScnJ9qOmc0dQE/DpQT3I
PFKyuAnGeG496OCee3oaLgKDngdPU0oGeCf/AK9AAc59vfmlA74phsHJ6EfS
kPXoR6YpbC3BicUmeARkGnYZEfvdefakx8nHNLYd9DPu7QS4YHDryKw5bWU3
ogWMmQ/dA70xxbRfutJu7KBXufLiLHhc5JqASExqJASo7GqaI57uyJ4ZTGee
U47d6vJKhUMCDnoDSvcUk2hc5PIx9KkC4HXP40WM031Gz4a3kVvuleR61z5f
bFH/ABHcV+v/ANenr0NIK6aNDSZVgE6SfUcdath5p8MsflKejN1/Ki/UWzHx
wxqd0gLvn7xqSaTEJLdO+OKQX01Oank8y5O7s+ME1pwt3OR60oo0d0hxBkk6
nHY0OpKgZ2qffqa102Mne10MFucYXtkAHimyx4kw5DKBye30pvuOJQ1G9a8k
CkbYkOVUetUgBuJP4AfyrJaGrelhOQ2SKt6XfS2N2rhty7gWz1xRyrclNp2Z
0ltrFpK8s00aGMNukYjDBe+KxNV1a0uNbnewik+wYCoJcbz6/hmru7aEqPvE
P2e3uY90LbWPY9BVSZJIWAkQkDkccH2NStdTTlt1EVUYFh8w+nFPVWw0bdFP
H+NDd+hjc2fhrfxab4rae4Xcjo0JHfIHH41y13GV1y7Bz88jMoznAJJx+FXC

TuxTT0Yxgc8EjnnHemvnD89fbtQzSLIh8564I5zUrsLcFM4Yj5vUH0qdga7F
QMSQTyKRmG4ljlepzSSDU6O50ZYNPSaVgkpj8wRt95hXPPIZGwwwM8iqbXKJ
LW4+zWBr61+3B/snnAz7D8xTPOPwrqNR1fQ7eWa20CGVLHjY8wzJu7/h9alV
NOWwOLb5rnN39yLu5ZlXYnGBnvjrVZiyvhhk5HBob5tGPVbGlp+o3toQ1tcS
KF6rkkYroLLxbOQovbdH7lk4P/16Emit1rub1tr2n3G1BchHbjbMKulUaMvE
XX/agYEH8KtNPcyacWTW+o38ZCRzxXI6bZD8wq2urQbh9ts5YG/56IMCqYtx
Td2er3K2sV2sLIpdZbk4V8fw5qvpdk11eRQr5SyOPNfewwB6ZrK+o2nbU3b3
QNMS6f7LPbzRToVa0kkUYP8AeXA/Q1zep+B9OlVmWC6tCeN8Y3qPyFaRloQ0
4u6MhvB95Ep/s29t7kDGFzsYD0xWPc6LqVoSLmxlVR3VSwqnFSfMh8ztaRWs
2LzfZnzhc5DDHTkcelN1EGARRkhSwJAbtz1+tZSv1HD92ysuoXN5LIBH5zjh
HI5VcdKx51kZX3fdPQ+vrQa2vqjU0GVn0+aFcCSFw6mqzx+Q95OOSRlc8det
NWQnd7GrZgQeGLGMfN5xMrA/Ws7VidsKjgkFvpzWc+ZNWGnZMueH4NJvrUQX
ZaO/87A3HCFPXNWZdCey1K4lEzYgP7tkPI9we9a8yascrUlJtkWpHXpIZ7C9
OpwLKC4t7ppY0YAj5tjcHnnpXoBDXfws0m5XlljCv3Oe9ZwpQim07tmvOnZJ
HneuRNJcRGJfnwRk1oaBFJHYkQqsepW9ws8V0X2lT/dHsRxVw0iOXvM04Y9Z
1HXtQ8T2djNeIYmhuHh2nbwBwMjccDkKCQMVjanc6dN4atjBCRqG8MZg3yyJ
noR607xja+5NpN2Whirt2jqqliT/AJ9KUsudwOWzxj2FUlfVjt2Y4MpuDgkg
gYqS+RFjyDkuQCRWctRuPUv6bL5uiTwsOV6DHbJrOOCp67e+e1S4u5cX7upE
sbKcknBGKDG5HH6dM1rK2hmm2MVCDhgQc8CpYzkLgdDnJ/z0pSVloWpW0EZV
yRncvXC1attWurO3SG3kKoOg6gfSs5RvGwQbUrkFtG9zfLvYv8+Tz7d67SCJ
UjVcAYHT0qldRVzOq71NSXGD0yfal+6Pl456Ubi2EAyfemNHE/Eibjj8qEHU
gfda5dcy2+OnVh/jVlWVohIuCrDII5oa7B6in5hzimnnlc5zStYLaXEwOCM5
75NJzjO3vigLCscgY6ZpCMj8aauiW7oQkAUmQQO4HejVj0asx5JySD9DWHva
71+GJU3KjbmPoMUtzVXseg6TEHlLYyR6V0oUIgCqpA/GpYRJMggcH8sU7HB+
79PWkWMxg5GR7f8A1qQMSedo+vegCOfKQnAKZ6Acc1EVG1Rgbh6CgBAv2iRI
UU7nbbgHit+5ea0iVLO383YAFQY6VRPUje5ZVD6hpskY/vRnzAPwHP6UsD2V
2CLO7BI/hzyPwPNAwks5IzuEhJ9CM02EYJZGi3Dr2/P1pisKzWkoxNDED1yP
l5pyIEYG3u9q55VuR+FIZdKseihvfOAaj85UxvZoj/dYZH54oGQalpen6rDs
1TT4bpMYBZAxx7HqK4PWfhZpMwaTSr+Wxc9Ek+ZAf6U79xbao5uTwj4y8PTG
WwzcqDlXtnLZH+71qW2+IuvaXcKuuafmRcBt8TRt+vGadyUr7l+LxZp2pSg5
EMshyEbr+HNWp24GOpoLOFuJfNkLE5HY+3pUIwAzKoznpTei0M72sI2/7fYq
Bk7wAc9sjpXos3D+mOtT0L3Qz+Egc+3/ANehFwMcjjPTikO9tB+wHG44/pTS
B/B+pxSBFGYfOc4yPzqAnv8AzoDQb646d6THzHAzTWgraFO9iMkJwM49ec1j
SQRHdImegyp65qkzNxbWha0GdfJkts52tlce/rWuo6c8DoaTstjWzLlq2Tg8
ZP5VOwGDyRUh6jCcEkDGfakGcfL+dABggc8n0oOQcng0bhoJ3/pSYJPHX3oA
fg47fQ9TQB3OKBij2pevPSjYBOM+voKCOMA4+tGrENxgYDYNJjtjmgBhyOTk
/wBKjc46jBoVgK93ceRGW25bHANZcN15cjTspebHygdjT2KSvqK0V1dI13IG
kROr5yF+lVeCgyc5685pu/Qj1FVikme3pUjKUCyRunPUA55o3K1SLttdBm2v
jzPp1qUzfvMLlsDnFCfcxad7DmnjVSCdzHjCjJrnT9yQ9Cjk/nSba2LW9jT0
w7rxVPTZ1rVLcc/d9aZMr3GFW+hpl1hIDvB2nuRx+dCQJGRJp8iRrdOy/vDw
PbPX61PHkE4OfbvQtGdFSnKNmyYYIGPzpzFQc5JHYVdtTKySE80gZXqD2qnd
ZETkEZPTJpuxK11Mogj1BJPJ/SmnAAA7/rWTldWsa311G54YH14pOCTxjPGR
RrYcmmS2KhoblQPm27SM9apW4G44PLDOT/OoUnZMWiJBIVkGCRxkY75q7Dfg
x7LlV2gZJ/8Ar1ootEXvoywltBKmYGAx2J5qJh9mP77qvKjru9jRzdTNrldi
vocrDWkAxmWbcBj25pupxJDqMjeZ+9UY2/XvTp3bbSLdtLmfO4jZcMOeQa0/
DthZanc3Ul/dNZ2cagB8ZJbHSnHS7JntoUTEYbbakbPIzEgAZIHY1GmlX03I
gkK9TkUO71Q09NSd/DupER7bVgMYye59KXS7HZqQFzHvMWWCDuw6A0NNAne9
ifUPtjtLNchvPYdTyFHp9KwQCHO4EdsUuVpFqwqAmWOLALOwQfU1f1zTJNG1

efT53V5YQpJXocjNRs9SOZKXKZ4BJIHNGWPzMATnpVKzKLCvsPy98f8A16ll
ZY9xHO35aLJBC+4jMMgg7vUVZtr27tGX7Ncug64DdKnfcFvc1oPFVyoUXsMV
yFJ+YjBx7Vuad4msJyCZp7Q/3ZBuSrTtuKUVb3SjqF7nSkMXlkPfMysnDBe5
x70ye9f7QfIkKu527ge2QKdr2JTsj0o3t9aeWkmn217H5agtERI3T86ZBqum
mT/WXemyHsuVX8jVcpN7mioa7UbJNO1BfSRdkn5jvSNB5P3re+tAO8LCZB+B
pIDJ1OKwluUgMlrNKYXk3eT5UgAHQ+tYGn+F7PXfD1peXMd80m0gzWy7hn6d
eKcZakyRUtPBsmn34l0zVYJByGguwY2OR7iuevvBfiK282X7CZ425H2dt4PN
VOKm9A5rK7MrS4bnT9Y8u9tpYVmBjIljKgnt1pmrK66f5YJJMuznqOe9ZTg1
ozSElPU2J4WihhhA/dwxgHjoetY2pgteEbT8oAHsMU7NGieligylHcjIIHau
88PTSv4csZJVjkUThpJGfDMAwJjx6EDANQ1Fu9glqje8eeLdE1XUNMe0Ml0L
QTCZdhQqXCjHI5PHbj3q34dv7a9+Gt9HFERFFM37vPKDd61jh6U4zqya0dvy
sTUslFX1Od8QWdraCG4t38y0kjyhJywrmZdUljt7iKAKqOwOX68dx6elbKT5
WHLrdm14F8Sal4c8GX0tjJGQ16oWO4iZ05ABKkMMH169OlZmo6RFaxPbm4El
xHCJYWj6MBnKY9RmlUpKVZVZdFp8yacnFON73MeNdyKxyFYAqakC+U/zjrkc
cdq2bW7CK6WEHyEsRkdfoKe7EkBlB54FQ2r6DtfcuaIf9KkQtww5z2x61Swy
kq3944Ht2pJ66ha2qDLu7g85FG08DqT1qk7IWjdwmG1lfd8i8ZA7UzcFQgjq
etOOq1K11E3+XIPLAGMYz6e9MJLv0x82c0Ti3qCa5bM3fDtsVSSaUHLEbOK6
NBtUZ5/CnLRWMU3JsU5z7UA9MVncuzE+YHrnPPvSnpnNJ7kq4mcKD1FU4P8A
R7qSFSTC43rjoD0IHtVIVtS3gcgHb+FIRk8cYqWO66CEYGcfhmgg54xxRoJ3
YbeMAcdc0g54Y/8A1qoGrbgRknoO3BpAPmJPTtxSKb1GXLFI89Dgj0ql4SUT
XN3enufLXcOCKPMpfC0z0DRoyqhhwvXrW/uDDB6+3ap3LVugpLKOT8vt1pSc
cgkH8/zpDEBbocE9eeTS4HoeexpgVbjc0qxjnHJySaaST1WjYTL+hWsYnlvC
GG0bFAGAfU1soxKg7hg+nSmCM+LXbJrp7eZ2tpN+2NZeGc/T+XrVu5tra9Uf
aIUlx0boR9D1FAXuVWsbiBt1lfTKi/8ALCTDg+wJ5H51E03mNi5g3Hpuj4cf
40xPQcLKOQBoriT/AHZSP500wNb8ATDvkDcDSERNdCPBiUSYPIyQc+2akGrK
gJuGeMdxKuV/MUDvYd51pt8+NjGT0eCTIP1XpVuCe4Kffin9FztbH8jQCZIl
xFvIyYZO4YHH+FLdWVrfRBLy3guk/wCmkQcfr0oGczd/Drw5PdLcW9o9jMvI
e3cKM/Q5FYXiDQ5tEaz2332lJZNgDLtccE9uD0q4rmdgSszz1k6D2pvSQjHo
SfWotcl92MikaHW7CQAEeZtwe2cV6NKMOQOx6k9at2srFq9rjGkwuNjHPXA4
pQGZSSCB7nis/MLj8ll5Yn24prDeRlVwPUc0rjsUJVAlbA/CoCBuPpTuTZ2s
MPJpGHHXGfQ4xRsFiNgpGDwKzUtvMnaCMfM3zZNO7TsLlM+UNYX0dztwhbZJ
jpj/ABroBuK5HIYZzjrTd+pSehYgbDAk55xV1vmTPXnioe4lsREkDGc0FiT2
H0pjDHHI+ppMYJpbCSuwOcYz2/GlAwM80aFMXjPf2z2pQcHgZNCu0Gz0DI27
u/0pRgjPemK4MSB8oyfyoPTrinuLcZ346+tHHOefegewwntnPvUbEFcc1GvQ
DL1PqOpHsazVfCqPu55zT1b1KvZWJkldYPLWRkTuueKjdkRcBTnr0q7tbE8t
9WRPIBHnoP5ikScIeMZ7j1FQ0xp6WJwRInBwx4x3p8kk1uiBQQT94n0q0rhe
3umjpwWS3EoIyx+YDqKx9QUJc3SdN2CRj1p7ojVS1H6UzfaocdWyOvt/Kt9g
u0jr7VNtQm7oga4RJDE4YNjqBwK2IPENta+GLe2e3juEExM6MmQ4J9aOZp6A
oppJmDqBWT95BtFsX+VA3K+39KqxHBO3g5oUlLU6q8m7IsFShBAJJpr4zgDK
njIrTc5WN4Uj+Q9KnsLEX7324BhBb7xz6/8A6qFuJySRzEUhlhVieo60hA/i
ypPIzUtcrsaR97UN2cbx35xzSHCbSCfr71F3uO6RLpS/v3jPdecds1RCP9rf
IwcYx2ppqQXWwA85ORk8Z6U8ru+Q56ZJNW9LDi1JDo5JImDxscZ/MVegu0uA
RMpPGM46e9RK17hy3Ra8MWcN34/0my3/ACvOzEj0EZNN8Y2tra/EPVLS5l8u
1iZAHQZxmIP/AF5rWnJRgzkqxlzRSKWoaZCdO02ztmdrti0s0jLj5M/KMetX
n061soYkvJNyoMiCM5yfVjVOStaxaiyGXWPKJ+yQRxDoPlyfzqpJq942B9oO
SM8dBWElzblxSiT6UdW1PebSWSVo03lN3AHqartcyafEssTj7TvzvxkGj4Um
i73diePxTcc/abeGcf7uGq2NR8O3ybLu1a1lbIyoyAfUURnNOzMpwjJ6MdJ4
XgnCzaVcpMUOVwclT9Kyde07VVv5bvU45ZpZMGSXBOcDA/ICn7ONRpoaly7m

MoG0/N1PHpSM2FyRnHTjmlZp2ZTsb0+jSWbRl3jlSSMOGibOAR+lZ0zmZwqH
G3AxmnJJbii3a8SAMG6/KPenlsMM5JHP1p21Etxn8I7jd1PapoXVpFjU7uuQ
anW9y27R0LcFz9lhR9oYyZGG5xnrU8l0gZWIYEEN05OCDWiu3Yz6HWDxda3N
4GudM8lsBPMtW2kgdzzWvb67p90Akeoqf+md5GG/DNJVNbMOS60L62sEwDR2
e7/bsLjB+u2p7a4ubWTZa61LCc/6u/jK5/H+tXo0Zq6OJ8a6rey+LN80kfm2
yBN0J+Rg3/1q6PwJe6db+D7b7ddXlpM7MRLCxUEZP4UlFbmkpaJHXwypeRgW
utWd8n9y7jVvwyKQ6dLFln0ZFY/8tdPuNpHuFOKV7CsjL8R20E+g3UVzc38Z
VdyC8tgcsOmHC4/WvISyzTATrxLhh2+YHn+VZzuy4RSi2ac0h8uNJTtW5mRX
KjO3Jx+Nat78PLqa4dtN1y1lLnIjmJjb6dK1p8tryM5yknaKOf1TwB4nsopW
k09pgBu3QNvHFV9Tnl0600e7iTDROHkhbgEqc7WFOcEtUxwlzaGzc6Td+K/E
tm+i28dmb1jJKEGI4goXLD147etepa9Z6Vo9mYxNDaGe2ZTGAEEpQD5sevPN
Q5+zp2vuZRp+0qtroeR2tyb7SokYlo4mYLx3yRXM3MRieUEt+7bAB7+1Snc6
n7u50jvaW3w006NJVe4nnZ5Ix95Tk9fTis5523addglt2Yph1zzj/Jq5Sukj
OCWrY29AtJmj6BXyExnC55pL9YwUkR8I7Hbzyai+mpW8iunCsGBwT+YpGYib
cCcjpxVxt1E2kW9Jy167LkFvlb3pXjb7Q3AUZOM1LY02RqpRgMEjk801goI6
gE/nQtRXsDbTFgHjJHXqf8KiKja2RgjGAKNVog3GlW+/3PFOiQPJg/r2qrXF
stTsNOjCWqeW+5em7PBq6rAk9sY4FS3fYyg7bi8N2xTTxwOn5mlZotNAMjAA
4/lS9M/40h2GsRycHI6gdaqXJJvrYLycNx2HrTSFbUtMMFsqSM+lHGeOOKGJ
Dcg8Zo4B560mhkkkcf2aJhJlz95fQVGxIzxzQDuGRjHP5U3dg5LZ4700rMXR
WKGszCHTySDyOcdTWt4ctBBpMEajG8bjnsaC7PlR3OnLshycc9j2q+pBGNqE
+vT8qksVRg/IBn1p5GeTHhvX1pDGgAjHB9qCwz8rEN70AVQzMXc5znpTcOxV
VyGY4HGaaE2dAkZt7eKGMMe2R0z3NWenemCIpI1eZX8qMyjgSFAWH0NRNdyr
KwVFkUdicGgNgXUYQwWZJInPoCw/MVbUrKA6kNx94UBe5C8DZLKFJP8As4/r
Ue+SD70bhe+GGaAAzQyr+8QHtnoaia3hYfKSo9GwQKBFY6YiP5kMEchHPyfK
alSQwqZJlZFXsw2n86BbFVpN7GSG6WRj/Bk8D0xUsN4FbkFD32jr+FNoOY0I
Z1kZQkkb56gDaa4zxRefb/EcNvG+YLUbuP7xBBqodWVc4CPT2kk+Y4iHJbvV
e7tsTnY22PtkckVEG2TJcruzNiR5deto0BZklDAKP4eCT+FeluAZDgZPv0qp
LlLTvG4rHAIAxSljtBA59Kz3AiJYHvz29KUcDksDTBMo3BxKckg/nULHnrwe
gNFtR30GY4OeDSNwPanboyLjGAI96zbqMLMjJn5jggdvekrgyS+tI5llS4Ix
sG3ZyGak02d5LNCxIdRtI9KpvTUIuzsX1b5sjNX4sugwDUooGTPY0wnbxkZp
WuAmc9M0Hg47elMLroAOF96UHuTStZhe47OOePxpD9cfSi1wFUcdj9adnHQc
e9UG43PvSkjHUA0tgRH65/Ag0h5GM9KAE6jgL9c1Ec/XFS3YpK5Xu4w8TLj9
OlYUylEYNgewpPUm1nqaVhdWzwhGhi3dN0g/rUEhjutVENuy7UXPmAcE+lax
dlqDv0JLixSQEg5bGOaxpYPs8gVjnjii1yYSvpIkjchwd2D1NXmuFuMGQ89B
7VCdtDWytcl064W3aUNHuV+T9f8ACqt86T3bSR5KsmDxzkelUjOS5ncZpeVv
FYjjpn0ro2yeRxmlZocrNFF1X7b8w3AjoelNuLeQaVeKgLKq7hhSSKuOrIXu
mVZvnAzlW+7zV1VbOeQf0NEFaRpUvIsLuxhlyPUGmN97AGRjtWm2xlroMIJ+
6MdcduK2fBqtLqOoxYHz2mCp9Bmlqh8t02cXbWFytsXSCUKBt+YEcAmoslj8
3bggio1tzM6PZyhFXA8cD6Uxv7oqNHuZ6on0wMdUVRgDjjt0qtckrdkHABz+
NNRuS7pkT8pnByQcD1pyMcNnuoxV2ZS0Q6OCSSRUQbifyFbltbRxIYgAQc7j
nrQ7N3Id2ZenSM3jq1a0OXSUFSOO3NS6kkuteLnw2Z5bzq3IBUDrnqOKNloO
OukjW8RahNfa1qN3M0UlzZxKs3l4VcAcbfU8muMudTluJGYtyxqW5NJsEktC
q00mcFsn170wO2ODSuBoWWr3djZz29tJ5azgbyOpHpmq4umEQjbkKPlz2pJW
dyrq2gJJuyQucDccdR707zFkk3bxgcjJraNNy2Mm0mTw3EkLh4JGjYHOUbr6
V1OneMbuIC3v40vIf4iRyP8AGsmuR3Rr8S5Wi9caNoHiGIvpc32W5IyV4H6V
zdxos9hqcdtfBV35MbKeGFayqKcbsyipRfKdRBd6dongu9WYsdXfP2eMpuR1
yMf1rgkOEfPEmSSfXk0VJp6RFTja93qBPzlWxuxnJprvyBySe9ZrfQ1aaQmf
4T19TUtkCxlUcLjrihbkvYnvcKlupHQE/Wl3eZEkgGWyOevfFNsi9ltqWE/d

4B6/rinYDOdo4H8qqLXUF66ktrPPAN1vO8Y65RiMHmtm28X6vbf6y4FzEuML
MN2aiz5tDXRrUx72dr/UJrjaI3ncFkUfKPpXb+D/ABDYWnh6DT5NYW0liO0x
3EAkiPv7Vq5OC1Oa3O7I6OO3s9R+aOx0m/JH37G48h/rg077KtmRsu9d0sjv
IhniH0IzQmpD1joZfjDVtQh8JzoNYsr+GV1iJjG2QZIHIzXnLK8MggmjxLGx
IPXIPesmk3obxk1HUsoFn13SLWeQxRm5VpWxgoq4Of0r2m5gfVbO4t4Netbi
KZCg3xI7pkdQQRz9RWr0gjN/EZ7aZLouhYubRXNvDt+2W1wys3bLKevv1rzD
U9D1DWYoFs4RJPFL+8QdWGeoqU9bod1HVl62j1Kw15Zbe5msxbqQiYHyMRzk
dCPao9Ulkv7iS41Gdrq4lQgsx4Bxjheg/Cs5RT3Kp1Gnoc34dkMRubZvvo+4
g1V11/I1qQlcRyIuB6+9EVdajk+ZuxJrNiNNeGBrmOXKbsxtkYNVo7hmspoQ
vyht6k/w45pt6iSvqxs9wXeK+lOSyYbPvxWn4g8PanoLwvqFuwinQyKyHeij
1JHT8avl543sZzlyzUe5RRWAwBz2xUsEYktpmPTPB9BUaJmlk90WdJHl3hJx
yOMH+fvS3u1Lk7DwTjNOO+g1qrEe8cbehFRznadwOM9vSle+4cpU3fMRnn0z
1qRehxkMRkGq1eomrErI3c43CrehW/n3mZAdicEY6mi/YHsdLDHHEG8pdo9B
0qcFQBknrUt6mfKooco46bh60Ebuoxj06UC1a1AHAOMf0oJ6Doe3pQVshh5H
Xkd6qviTUsL/AMsl5x6mjUnYsNzkKcZ/SgK2Qc8d+KLCu9kIVBHzZH0puPn6
nApxuKT1BgSflGBnrQDnnBGeuaelhrTcVepyMfjQTnI70t2VrbQw9W3T6hb2
uergfL1ru9NhVXVAOFGATUlX2udTAhSIZP8AKpcZxyCR2zUmiAEDqOfpSbiD
knH4UAO35+8MjtxUUzAxHY5DevXPtTAYAAqqCSQOcVc0qIvO05BCR8DJ70yd
zVgd5WZ23IBxjjBqagojmfy4yQvJ4B6Vi6g7XEkcJVBGp3MVOCfTNBMtixbR
qqGRnVQB99jwB9akRILjDQyK/wDujmmJE7GW1j3y3CRxj/nswC/nWHqvxC8O
aSCs9+k0i8GO2IkJNUoNlxTeiINL+IvhXWHCtdNayE4Aux5efxziuohWC4iE
tjcRyRnoyMHU/iKTi0LrZiPFJnOCGHRsjH5Vnail7PGI4IxMn8Z39fpSW4ns
Uminj4ltJhj0TI/OpIldnAKuq4/ukGruiLF2Yx2NobjIMrcR7h0NcNZrvnnc
ks7SHr9TQvgZR0N74U0rVA02jXH2d0YgiNiYmP8An04rDh8A6tcXxW+u7a3t
FGQ8ZMkjH0wQAB75rJKxXSxzMGlyaV4tuihMkCKVSVkK5GByPxrp1WR1V8Zz
02iqbuKGw4QSHG7j/fPP5VJ5GPvPz6KM5qShQqR8+Wv1Y1BJLuBVFAJ7gUWE
ULiIrz1NQHleOaB6EYHXP4gjrTSAwwOB696YWG/w9efaoZNInuw81vMq8YcN
0/CrVupnK9rooW16rMsE2FaNsMgHUe1LZ/ub+5t/7zB13H5iMdKVxpp7GmnX
kZI9Kt2zg8e+KnYatclbjmm4yTwBQMZtwQO2KU8HjBFACHGctTuTSsO9xwAw
c5NAIzg5/LpSDYQkAcD6U7PoKeoDc4Pv70hIzQ2G43OQM9BRjP8A+ql1uwEK
84/iPAqEk7z6A4pu24k31GMN0bE8LjvWDeEGWQtwOwHBpXWxaV9SrD9zjOBk
fhV3SYyJWkbCsB09e38qu91YcrKN0agDEHdyPYZNV7q1E+ML82OMCjQ5tTJe
1mEjfIWzxxTEYowDLk+hrPlS2N4yuXLSeOF13DeSM7T0H1pbe3RbgMxyGbP0
q4uyB7k9yghOV6Kf4R1rRglMkAdSCD1pszRUuCwuoj0JOMV2PhVUm0zU7dgp
eaPYpPfIoWjG43izj7PSdPsIlhl1Azakh2JDEMhSM9fTirP9nkHA+96YrSUl
zXsFnbUuf8I9rEkAmtrTzkPQIeaz7i1u7dis9rJGwHIZSKWj2JvrYrl2Xh4m
2jsBzmtnRbVGv02YVnUjDNs7etKR6GFUWmupzd5rG157e3U7UkZGLc5OT0wa
xmOCdp4zyMVnazHiKynaMegjEZ4HXqT6UMD83PXuavRbnE1fYn0tHk1aMR5J
I79gKj1FR9tVlGQM8VK0bsN20TKRyMfN3wT605IpJZgsXLdcnp9apu70J2Vr
m9a26W0O0cv/ABH1PtWZq+o+Uhitz8/RjntS2KtpoVPC0jxeJIJV+Z4zuyeh
4xTrZpJLqWSKVkd7h5HJ6gZ5ojfUzb1MaWVmZ9rHBPXPX3NRA89MUixCCT39
6Xt0oEKMbcflU1nb/atRtrZMBriVYgSemSB/Wmldib0PSRo2i+AdOubrX0XU
9RkfyobX+Hb1BI9Kyf8AhYIcsp8OaSIegjSAdPrWrnUUfc2MvZUqr5qm5It5
4T8QAQz2zaLdtwskJzGT7is3XPD17ohSScJJZyj93cxHKN+PY9KFU9ouWW47
Oi/Ir2cM8afbIvMTymAEinrxnFTSyyavrNvcXM4ZOQxB+4AOc+hNLla95o05
k9jrfEHhU32nJqHh66+3IkXzWpPzqB12+tedPGfMKurRurYZWGCPqO3SnyqS
50Zpv4RuS/zDr+tQj73J4PTmsk7GqbasxxBHv1FW7MFYXwSSzgAdjQkr6jd
0hupyn7SEJB2LjApbAlAGblffvRsyN1qaYTjeDn+YqJhtbcuQo/XPc1dtSW0

twBO47egP0pCjMD/ABcEcChq24Ju/umpZRwMMONzRQYbHr61zk4JlOCeVBYY
wP8A9dS5aWY4Ra1uLblI4HZJJIplxtKMR/KtSw8XeI9OwLbV7naBkJId6/lU
WvqWpSb97Utan4t1LxMbaLU44C0DGQSRptLYHANQ6bKb+5F0q7Az5XPTNXG9
tyZOKeh0Hh64ifx4l1fXVtAqRMI3uE3IzHHykZ9q786daX7Fl0bSr1jyZNNv
PKb6kcc/jV8+lrkOOt7GZ4ghSy02OFG1i3jknQSQXLeYhTI3bWBPOPfmrdtD
pC6hYjSNVhl3ykndJsdcA8ev4EUrpILXKfiG3XSNSU6qqNHcElWTnd7fWuE1
C2WTU5r22kKB2wsfVQMdBUPVotaGEnmWGtPcyp8jja2Dn8ag1Gf7e8bkfMhx
x6fWk9HoWuUonkE9dxz0qaMGK4QtzlTke9N6kJ31FtkD2MqE9CMqemM811+j
eI7aTwtqGk6y1xcmS3KQuz58onPPJ7HFVBtbhy83U5hMraDLZkUAHB6+4pd7
JCoQ4GMnPQn2qpcrTY1oT2QeO8BIBUqTgVNqKkzIR028H+lZJxTLS00K4jYZ
2AEH+VDI4cZ5bPHpitLJ6mN5kbW5UsxQHHQevrTFB5B4FJ6vctO+o6YuVRlc
A7uvX0roNPhmtbbfCnmK/LIRyB6iiOxE9NDSgnimZghw69VcYarS8ryOfTrU
E63AFQMAnI7UFeT6daa31BoULnkDimggjJX6Z7UB0IrmcQg4Usxx8o+tMtID
bxZdsu5yx/2v8KadrsJLoWMDGSSDTW4IwTS3DWKuhMnkdPSgjIzikPd3DGAM
Dj1pCPSndA7DSM9AD7U1iApbPIHrT6WRNzK0dUvfEu48mDJznkcfyr0TSoSx
3Ed+vpSb0L2Z0CpsUZHb+HpQCCMhgWP4CoNR2T0DE+ozmk2nOQBj060AIxI7
fh3qJmDuoBIxycdfxoAc3znLcf7px+dXbW+EUa28sbYJ+R0GcmqJNZBtRV9B
TqCjPup/3hRWYKOM471nXcunaZbfa9QvjbwseWl4zQS1dnNat8SvDUKGC1tp
9RZMcqAFz25zXGaj8SdYuyRYwQ2MWSMKuWA+ua2SUVqaQpp6yOV1HVdS1GQ/
btQubgZ/jlbH061THyKAo56/Wjm0syXU1ajsDfP8sgBTtVux1LUNOlDabfXF
qwPHlyEA+2KyT1sibSeh2ejfFXX7NUW/jt7+IcE42ycfjXc6P8U/D2pYW78/
T5D184fL/wB9CqsnqTdp2Oxs7y0v032N3DcJjOY5d+PyNOliLOobc3P4VNrF
aM5vXLqCWV1jU7I16r3PpXO2S7UO4gZJPP1rRq0USd/e3f2OOKG1thPO3EVu
jhPlHU88ACrELSSQq00LwOeqFgSPxFZGhBqOn2+pWbW95lgwxvXCsPpXGah4
R1bSisnhq6kuoj9+C4lAb8DwPX0pO/QFoZTalcWtwLfVrOWxmP8Az0X5W9w3
Q/UVcEhkjysm4dsHIoQn5CYyOQQf9oULtAJOBTYkyvcoSD3qmcNjnPrigZCR
u4AH40n8senNMYjDA4JA/nTftDxRSImBuGRkdKOpDZC7W9yircxAv6gbSD7G
qdzELe/t5xJ5iSEoSeSOO9N6PUiPkaAyGIqaBvmHP0odjVFxyCOOQaZnJwp4
9aiwXA/dOKYB+fpQHUOnc4pR70DY4cDgkfQUfMMnJPuTQIXjgAH8abkYPYml
qVoG7jn9OtNHK9uexFD7oOo1uSN3PpTgTg5FMTYEbTkkce9VnIGScDvz0o6B
a5XlcuePu/Ws7UoMIHHX09cVCV22VJ8tkinHtNs2c5znj+VWbAlL/aTnzF/H
itEyF1TNVA3OelOxlse1BF0Kp5G7A+nese/tGDPJES3sOtAXcJXKBBV845/n
U8ErtIiscA8HipsbN31R2nhHRGu5G1O8PlWEBwquuGlbHQZq7r+l20GZtOUI
p5dG4xWkWYzutjktUhkF/awgkF2zuKkACuo0iWKxihu+oSYIu5sAnoSaXUpX
cTKvfDd5ofiyW7eJ5bO5JmM6AsuT1FaUGHQMRuRjwQcjNbvV3RnzaJPoatpe
3Nmu21uAi5yU61FfXE97zdShj7rj+dRyK43O6MyaGOMMyoC3Y8GnQWi3etaf
YqyxRzRtJPJuwQB05ok1YuhUlTd0ZeteCBpum6lqc95Hbou54bfOWcDv+NcN
ES8Ss4ALLniiSg1dBFznLVD1B3Fcfl0FMbJPzcYNYuyZs/dRNaXBstRiuB/C
cHHvWrrEGkDwuL1r+b+3hLzaqo8tkL49P7vPXr2rSLtJN7GdR3ScVsc75Tyy
eXFjcT8p6A1v2dslvFjH7xsZahWtcV1PUqanfi3QxxHMxOM/3RXN7SScks2c
8mpFdLQ3NBVLC4S5kG5yj4B7VjzztFK5ViMqQO3J6mnsgKGfX0pxY7iMcVIx
c8E84+lBwfr7UAIP7wqzpUyW2tadcSHEcNzG7n0AYGmnZ3C19Ge5ibSb7xzb
3tzHDcQXMLJYNMAytLgZ68dBWN4o8L/2rokF5daRDpOpvdrC72g+TYW28jvw
c5ropzexzSgovm6nI+Kvh9qOj6/b6dYBtQ+1RvLGEX5gF65/So/D/iGXQZpd
D8RQNPpkjbJbedSTCT3FEqNrTgVGrGd4TL+sWC+DPEWmX8Er3WmDNzbMfmQy
Y+UGtK9urPxvdLf6HpdxDrSQk38ceCrLyAQM/M2T1xnHHNS6s00ktDW0HC/V
GJpWs3elTJc2Mrg53NGcgccY9q3tRstP8XWzXdqRDqxXLYAG76j9azjKz8gl
G8U1ucDe2s1ldNb3MZilTOQR1GeoqowHHy9TmlJNaBGVx6LvQFhtA4FX7FFI

gQMDuc7h3xng1NnoylJXsUrkefqc7DlfMIJ+lTIfkwSQF9qaTJum7j4Z2DfK
c54Bq012mwKyjIPUdxVKVt0KSvrcZ9rjC5CnjkA1IshFk0pG1AcD3P1pSkrj
inHYl02QNpt/IDhiVVSf89Kx5GMpbJ+YnrnrUyd2F7MYMY3HcPfvSMPlY4AH
bFPqG5c0KF5muhEN0uzCL7mtbQrVobZASMqnzD0buKLWJa0K1+kbF5HwxgIm
C9M4PTHet+/nhvYrdGtm06S6XdBNECjKeM7h/KqveOo230G2EutvHNBealcX
MdkyyKsj71IPStvdp1/pr/a7LzJ2cGNoWx8nfJ9adlHSIN8zu9AbVJ9LS3tr
OJLm2kPlLFcxmRyW7A561m6lak2bwuHi8pyVyu1w59aWttSdE9EcvrM/lxCK
bDSldwYDgmsyzcRX8e/DIx+YdsmpikaO3Lqzqr7TY7zRo7vTbQhEJ82QDjI7
Vyl18skMg6Z4P1q2u4op8ug9Fw95FtwxIwSOlQEsYxnpj86SStcLpMlU9Sf4
/wAvwqbIYc/dzRdLViiuYInEVwo3ZHv71dvyxETZ+71981L11ZstHYgjkZ1I
yc+1IWbsTn1NNXW5GhP/AAcghj936VApJkAYj1OehqHZAua9xdOtTc6hGnOE
5OT1x04rr0jIUY+6PyFaN3SM3q9RZ7eOfAkXJH8Q4P500Q3MQxHKJAOQH4P5
0r6WFe7HGWZSN9v07qc0gvMA5hmBx0xQlcG11AXJKgpbyNn1XFKxuplwiLEv
qeTUtNMItIIrdIjuDFmYj5mPWp2yx4P9c1XqQtG2HoM4I9qQ9OoNHoVutRrH
AH1zxQCSTngGm1YmDu7MYCwbBBx3NKck9MfQVFi3oxSuTkdqr3Umy1Y4OfWi
w472IPBEAm+03QADMwUfT1/GvTdMTZGCAeByc8Gm9Cre8XQeeG3Z7DmnA7iR
s5qCwJJABHHbFLjjsuemelACEAHjaT65/kajiJJeQrjJ2hj3piYrAg9yf89a
s2M8MNyGumWMYwhbpmmI2uoz1B7+tRzSbIz6npQUZE8iKS0rbI0GWY8V4n49
8TN4k1QRQEjToCVjUHG44IJ69KqPcqlpJyZzSLI4PlrkY7CnGEgBSQBn15o1
b1M3KwMYRzuLnttPApvn4bcFVSBwetF0NLuO81HA82MAjuKQIrOBFIuc8BuM
0mQ04rQa0TooYAkc9KQMdpH8JGMUPVXZUSa0u7qwZJbC5ntnB4aFypFdbpnx
L8SWkJguZIrqNhjfKDvH4561pG3UVjpdF1ZL3Tt8ysjDpkdTnvVyzdHUfMDk
8Y5pSlzbCta53trerHpUU95cgnaN8mzGT9AKlt7r7T88MT+QRxK3y5+g61mW
WPwqGaZ45ESO2llZjyVwFUepJoGNvrK11G2Nvf26XEJ/hcdPcelc4/gSwgLS
aRcXVk2MiNpTJEfqGyf1pNXE11RgeVNDAgvMi4yVcfw9eCKfu7AYPqBTEncj
mwVOTzWew5OQCp680uo0QnKqRjPNNI55HBpgI2B/gKikXIPTNCdmS4lHODtY
4IHeop42MfXkHI571p6mez0L9vKJbdJBj5hzVlOuOMelZs2Lq5MR4PTjBpuR
3wPagHsITjpmkI7A8jkZPFIEH5565NHVvSi42LwB82cUvPtQFhpOAcHP1oyQ
OwzSAafYYHt3pCe3407XAacYzkk/WkJPqTSYxGwFB/P2qm8vmNgfdoW1hx3u
xwwucryT36VW1Fc2pPQc8Dt704rlVjGT5pXMZGwjJnHQn86uS2s9sqXkg2x4
O056imldl6bmvHueKOQH7wz7VJt3AAc/zoRLdnawnRSR19xTAoftkelHW5Ml
fRkNzZxPbthBu7FeorCdWiuAWyrKcj060pao2p2TszvtN8fwJapa6lZbmj4j
ZeFHviuytX03V7QLCE3t/DjcfxqYSa0Y509L9CvdR6Vp8Rj1oW8qjor7S/tX
LXzT2wRNH05pR57SmLGVhQ/xZrZO+hja2ppXV5dWdzDIt4nkOnzWxG4P7nPS
iOHT9RkiNs5064ySYzzE/wCPanFuKFK0tiCW3utPlnN1ZhZGwUMRyH/H1qG7
3XUsLzRvId2SrPgLgd618zLoPi0+5v8Ae8ASGBeXmm+VFH170ale6d4Y0a7v
NPzcakYD5V3OoIJzwqj0qG+hcU9zLmjnm8ER/wBrSST396GedpTkj/Z9gPSv
PVB4QMCFJHHtUXvGx0Rdm7DsEuSOp6mmEsW3DOP5Vm4p6sm7ZFLIAyN975x7
1oeLIjFrNuAMK8YIHvjqa0Vothq7Gja2q2qKpGX65I55qrqd6sChFwZmOMZ6
e9Rd9Ra3sjm3be5JyXPVu5pyKJJkjwS0h2gU2w20NLVHCanDbI3+qj2M46c1
iXTBmYgd+D7U3sGzK2M0vOeDUjHA4GCeKGwfqKQwOMc03jOD/wDqpiO48HXE
OueHrnwzfzJDJGfO02d22+XKST1/z1rorHWmFnBpWo6vc2mqwMvm29180cjq
2QQfQ4zxWkVHl8yNXJqx1sPiVreSK81vTPJme48qK7iIeNUYjOTnimWMGj6z
ca7NcafZ36S3vl+eQGJG0DHqvfmqjJrqRKCkjJn8OxXcV74OBlW1WZZbV5vv
RA/MQD3HHFeWfab7wz4hv0sLp4bi3laHzY2xlQSP5VU1zRY6btKxPa6gt0cS
ALIxyT/e/wDr1bWS6s7pJIZGikjzjBxXOtFYt3UvdN95LPxbaNHKBDqMa544
x2yPXPpXF6jZTWV68NwpDKeG7EdsVekoiScZWuVppMqF+laNjHs1FcA4ig3n
nvjpSj1HOzZTjzGCz/fY5bj1qRyTkA4OOoqm7q41o7DUwqrkAegJqOVw21uR

6cVEovcE73ugtYZLm6WOMkknJ+lXdSdXK26cW8Zyue5p8qHezuNhnxowQ/eZ
2+vWqygKeOh70cr5Qk103GEFAG7D8qu6BZRatfSW8lxHbAjKNLwrH+7TRDcu
XzL1izabb6nd26qHiuVgTb8yntwfxrRsUaOBFH35Xxn6/wD66bS3uF3s0VNe
torLVW0RoTc3k8kQjkjOM7iMp+v61ofEG6a08SaZZxyXbJZW52JdoFkQHjGR
1XjihpzjZbCTUJavUp+DNRUX19FdszLIQcdTjFd1D4X8NSQmfT/EE9tcBctC
0y7c+m0jPX0ppqKvYUlKb0ZzvixorPRVXT7lzdxSrLHKDyHU5yKzrbWrjWn+
06jOZZ8fMxGOQMZ/SodpO5tCPLDzOTuXe6M0zdVkIVfb/Cl2RvbGR5Cs64IX
GQ3t9aVlcmaZoJrF1bQJbwStHBINzRA8Bs9TVO+ixGSuCgYZGehzz+BqtErI
nm2Fthi/5JIZTx3pQqhxnhc8ipUrvYavHcAEklO37ozigqQBhsknIx0pu3Up
NPYiA5XPPO0GtG6kH2YNnLbRgdBUNNrlRaSvqUwxDgK3Lc56UeZtPI9BirSa
RDtsOM5O0lshePemgln5OATSWo3PojofD0GIWuW6ucKfUVtqFAyDjueaJX2M
b3eo9ccAdPWnEc88mgkCOvrTQSDxx9KaFcXoCMkZpASw5PHWkx2swIHHFJgn
IA5prUe2gfMM84pqtkE85HHNFnbQSl0YAdcHn3oGQcnGe1K4MaWywCkg+gFB
z36UgDgggnP0rN12ZYtOlAyMgcrRZ3KT1sbPg+zaHR7VHADEbjkc139pHtjx
zk9qcmuhUdXcnPm4wUXb7jmgAf3cfUVBoIUOevT1GaAMA5JA/WgBkhKodqbj
0qVFVUA5B77uaEJgqr90tgnnJpSifcbDL3BXIqgJE+0Q/wDHreMn/TObDL/i
PwqVtSACrf20in/npD8y/X1FAHnXxK8Wia2GjaLIXWTiacA8cHivMi0UIxGo
ds8t6H2q9I6ml0o8pFJcSOCqtt47cVExw3r2+tJtsxeg6NcoeMjIGfalWEsC
2QMdAT1oUXuJSUmIyuByOexphGGwvbvRaxdySKR1VlUnGPzp/wBoSQASxrnH
UcUt3qJ7iqiSHCuF/wBljyadFbMLlEcEqzHkHIGKelroWvU7/RmBtnjHAPJI
9KerESfu2IYnjnk+1ZxTQJ3PY5LiOJl82VULnC571RFne21yHsrpGgYkyQzj
v7MOnfiqKJxdM2ptZmJFGzeHEuWI/wB3HH51a7YHAoGJVabT7S4uFmmiLyL0
/eNj8s4oAlureC8tzBdQrJER908Y+h7Vzl34TbLvYXpBzlYphx9Nw5/nQS1c
wri1ubbMd7bPC46k/Mp9wRWdKAW4PH0pBcrsoB459+1N4xwQfc0wvdkbcHHr
6U09Tn8c02wsUrhfnxgHPcDpVWN9rbTz0G0/yq1dmS63JtPLKWhYYZSSo7YP
NaAYA4OR71Pka2vqXbc5Bz+ZpzAZ9DUsoaeh2/lTfu5I60CEOT9PpS545I/x
pB5ig+vT6UpJKjHTFAIbz3zj0NN3cgYx+lIfmB5Oe1BOOuf8KG+gDSMnOTim
khhznHTipv3HYr3TFgFGS2fxPtUcaBBlsbvzNUtWFR8qLGctwVb3HSs/VEYw
ZOSM1a3Mb6mKAVGR94cVJcszQje5ZVB2rnp71PMr6G7TOltdps4u3y9Owp5H
Q5A98YqlexjqnqRlcdT/AIUqgA/Ng/TpSsJ6jgOSeB65OKq3lpFOjMQM7eDV
Ky3J95anOON0/DfLgDJ6GtjSNW1CyJazuNpHIznms56vQ6VKyIJbm6n1Cae/
lead+d7tnt2rpNK1g31k2m3juhlUoGjYgken0obs1YWj0Lt+ZILmGSVZDYmI
J5u3IDD3q3b6bdXDLPpzC4jAIZA3PNbx0WphK+6JY7vVbGCSG60K6uI93MUc
DuCPXPb8KmNppMscd8tpqcvlH5LGWJk59W46CmroV09Spqsl/fqBdKbe2Bws
I+RAPp3pn2+FvFh0y80yOYC1DRqo3Ih7Z9GNRJWZUfeMvxxfvYWsNtKf9NkU
jysfdz1NcAqqytjsD9aTTLje45ssTn0pshBUE/TGKlWsV6FQkFWVTlg3bmt/
x1CVm0+bB+ZAc+nAyM1ooO/MyXLYTUb9YIVycysARjiuallaWRmf7zVMVpcb
7je+Sc561f0SMSakJ3AKQjLcd/aobadid9SzqC2LeHxcNMZNVubglVXoiA9G
rnrnhB65rVtNaIVrMhXBUYpCeMDrWZY4bc4NISM5FAASBigEdcUAICVJZWKk
dwcEV6AZV1vQbUeLbSWMumbXVYVyQPR/YCtIXTuiKlvn0KdxY+JtLgR7Wc6l
pwkEyNCfMViDkbl6jscVZ/4Su9it/M0zT7mw1XeCWhibbLzyGXv60/ZNK1PZ
kKopayVmjs9F1G+0yKHxH41uVhubiQJFbkBSExgHHb1rx7V7hbzXtSuoyTHP
dSSJn+6WOP0ovypxbLS5nzpaEEakk4HI/lW3YX5lTZdEtwcMe3pWV+o0tdRY
vNtpo54ZdkqfdYHn/wDVXWxfZPFVnsm2x3CrhvVfQ0cyHZtHFarpVxpOqG0v
FGScxnsw9a0IkMcN0zYBCrEM9QTzVO3LdE25nqZT5STGcqOOaSMA4PPTkZpr
3loXa3QSRhtIIyB0GagI5xnoO9Re7sK7S2NqwtmjhwqfvnAMhAzsUd/pVLWy
pv8A9yMK0fygdOMDP1rVK2tyL3fYlv4Et7KyRMkFdxPv0JqpvGeccE0pSuOO
uhHO22E579DXR+E4oBYRu20SyMwk3YOB64optR1bFJOxb1fTP7D0waY00N00

10LgSwtldvWkkma3sgC/y9auT5tQjZNXOV1GaU64Zm3LPG6sAxOQcAirmq6l
c6xfG/vHaSdU8sb2LYH49axUddDRuLepStA39qoInaMqPvg4rqNE1We/guXm
VD5DBVYDrmm9txOSSMPWr6SXWAWbdGi7dueBkVTMjW29o24PAxxkUKLaJcm7
GloUMV0ZLCQZuLhvlbHIx1pt1p0Wn6pe2cz71hUCIjg5I4qrbIpdSjNC6Iyz
DkDP/wCqn20u+LyGxvCYA/vDsKiwkluJBxNCV6Z2nP8ALNSXGDK0SDq2Qapa
CnLoNUEIuOMj5j756fShmUDAIHpjkCoerLTsrMrYZlC8eufxqXbwUyxOOeen
tWkXfQzu0xF+YAk9elOfDAkZAzSdrFt20IwSCGJxt5JqeGNppFjVSQxAPt70
JW1M3eKskd5YAWdobaMBkIAOR0PsaeuAOB+dJttkxdojs9CBj2A4pFBwcZ6+
lHQS3FI5z+FLn16DrSt2KaGbQCMZ5pR8o+bg9aA0uKcjBwOB6UjOxxnH4DFM
NENIHQZ/POaADjC8UN6WJXcQnYM5/HPSm4PHP5UXKeogHUZpCecHoelHUhPQ
TAHfk9eay9Uj+0yx24BwTk49sUPcpNRZ2+iW+2KNeyjFdQhIjC547cc1L3NI
LQeA2eCKcSXB9fapNBoyo+/g9hnilO7PDHH5igCIt5twsbNgDkk9DUxA3dMe
mKaExceg2/UU/cAMbcUxCNu28ANj0PX2qs9zF8yq4EuOh7Gk2kNJtnlfjKSW
yt5Fkt2DyNndt9+MH8a41oWIDNhBn16U07odS8VohGESv8zliTzj0pvmqB8k
fJPU81WiRFmxhlcpyAPUAYGaYQxUk9cj3oT0Bu2g7zCrYDHAGQO1PDqQQyry
MblNAk38xBGjR7llHHHXBpNrA/d60JAprqJzuzwRyKmgabeI7eRkc4A571F3
a5d7vU9FsQINLTftDEZJ/vUxSfNBHXPFG6EtNj2npngZ6VHKJSgEDIjZ+84y
APpTKB4kmjCzxrnOcqSDn1yKWV2jUFImkYnoOBjuc0AOBBGVOR2NMZZWYbZV
jUHsuWI+p6UASYyM9vWo8vJzG2xOxwG3e/tQBVfTY7gt9umkuAeikBQB7YrJ
1DwjazRZ0+ZraUHPz/Op9vUUEuJxuoWsunXz2l7tjlXnOflceqmoAqKcvk+y
07EpjHIxgIAvaosHIAPfpTumVqVpgpVi5wPpViDVowmyfTbWUlfLRmXAQf3z
71UXZEOCZnynybyLbKJBt2kjjJq+u49uaUmrjhflsTRNsYDPXirTdMmo1KSa
GA9qT5SPb3o0K1tYQEY6YoJIyuOfcUrC2AnORSE46/pSe+g76CYPHUmkwc4w
PpQmHmBPQnH0FMOOT19qNBgTySMmkVWlWNSAueT6VN11HFMSYIg2x/M/fPN
Rj5k5xz6dacJLYiom9bAACcY6en8qWZQYSD0xWq3MnZHOFT5jDjO7H1prjcj
c42nj346U+WzZtF8yubukPv00bhyjYxn9as/MTwefQ1NyGtQB55IJ96QHIGR
9AaYr9BxbgcZJpuA3bJ9u/tUrUUlY5eZQkj7uAHIwRjHPpVi3XERJ45wcdqq
71uaxilE05oY7iwMrALt4yO+Djmk8CzNJ4vhV1z5UbkAjPOOtRJXRUEtbnZ3
usX+na0lhAYntktw8kEiZVixzU4uNBuYRLeWNzprFuXtJmUE+uFP9Kt3Rkkn
qWxeacIybPxvcW2eMXEkTkfhImaia4twQ0/ja8kVu8cSKD9CqYpJq4+V2KTN
oT3UaedqepzO4C+c+1CfXoOKzrV9Uj1/wCzafYJb6ekmJpo1y78dM05O4ox
tuzG+KCuPFNo0SOyC1O98HvjvXHq+dxJ46CraurolytoBk3ISF54BFLaxpPq
trDI+2B5QJG64Tr/APWrOzRtFpnWeILDRTqRbQbUQRqm1irZVm4wwHr61vfE
DStPT4TwzX6RQ6nEsbQPgCR2LAbfUjaTx269qt1ZaSS1MZRtC7Z5hfXXnW6x
mMCZZDl/UZwB7Vnhs57knqfalF8yTaFZrRMa7YQl+B/Oti3/ANA0Eu3+sm+b
9egqG0yoqyMVAQV7MR0HrT3iDWbufvr2q+hNnuUehNAORUFguCSMU7jHSgB0
cTyhykbMEG5iozgep9KiOAcU7O1wFxnjFa2meINS0wKkFwWhGP3TjcuPTFIO
ljZ0/wASwmLYHl025edpXmtz8uPTbWlfeJfElhp73drqdvc2qlUMyoPMBPt6
ds1onzX1sZtWautDkNZ1q91qaKXUJ2nkjUjcxPPvj1rODZ69fWs0jVvsSI/l
tuHpSvNIRtGAD6VTYrF62u8oYm9QM1oW089lcpcW77ZIz26OMdD7UoxVhxk0
zpPEUkGu6Vb3KPi4AyueGU1zFxM8c0luX3LlS5PVjjPNJTtoDKmTJKAoHJzS
s21AABk03uTdsgmYbiBnHarGnwBnMsuTGg+b3PandXDU0LfVZo7eSKF9omJ8
xh94gCsi+l3szKeQu0H0puyFeNzU10hLi3gQZCQgYNZjdGOO2B6Uk7jUbq6I
ro/IBkdevpWlbSwR+HpWaKT7VgiOVW4B9xQtdGHZlnSt9ytjE0mHYZ3Mc/5F
bXijSbjS5oba6CFlAchW3AjtQ3Z2RLlfWxx9/dteaxLdSAKzsDwemBjFOeV3
n3EDB4OKWq0LkrlZWxdMwbCj0rpfDKbNCkdQB5kxJB7gZGKI3uROyWpiXDCW
5nJH3n+XNQNl4I0PRW4x6VeqQc1ya3mmtrmO6t5DHMhOxweR2NbE13Jq0Hnz
ohngZU3Hgt3z9KXS4au6ZLfxR3srXRjK54YrwoNYlxaeXO6McFfmDetKzW40

7pInsQ0lnJJcgBPMBJP8LetS38TQ3/I++Mr9Kdraia5lZlRsiPjGM8VCSQRt
yARTsk9QjLUP+WmR1/SmrvDsc9alu5SjfQk6Nz6fL7e9Ozjk8fhSVxWezGYG
QQOp5rd8M2gkuHk7L1B7mqUrXQpaRSudUF2nuB2pcfLgZ/wpXM0nsO+8R2/H
ikxn2IoB9xQeck5J9RzSY5JB6+tGwJ6C4AJJ600gqxJpDsg4xxRkbcEHj8qT
DzAYwR/TpTMDdgls+3Sq9RNWGnkUuCO3XvSKTQ0/e4HNJ3J70txR00YOoOWI
AOO1UrAC61uR8fLENuR6/SqY7bs9E0iDYi5K8itMR7eMAE99uDUM0jsSeW+M
4DL9eRTQcn5jx64pFD9rKMqBt/vUwtkfNkUAJCuWZmLNnpUnHUH+lNCEHJ5O
P0p6lsZAAHqBjNMRTu55Iiq9DIcD1A9c1U1FI5VS0spF81jkEDDfjWc+xvSV
5DLmxgukOn6oBMu3IcgZ+org/Enw71CBZbnS3F3ARnZzkfpUxk0VJHCT20tv
IUljZHH8LAg0C3kY429RmtlNSMJJrcXyQoBkkX39qbiMEgPgDpx1qkiVZDfs
7DBX5scjHJqJlwwLDg9R3FG+gW6ilf3QHUnkcU9ZHVcIeM96RKSQ9ZFJCOgx
jJIq3pywG/WQzDC5+R+D9RQ77oe+53YZ/sSoRgdeKiRvmXHHvRuh2se2duDn
HX2pBk9VwfTOaRQkkixKzSEhV5Pyk/8A6/wqC3jQym4huZ2R+drE4/I0ATyO
ERnYMwUZIUZNNWQywpJBt2sMjzMg4oAqG1kubzN/bxSRR8xMp4H1GeTV/wDD
FABTJZYoQDNNHGD03sFoAoT3+m3yG02fbw3BWOIuo992MD865uXwVcKzeVOr
R5yPmJI9O1MhrW6OfvrCazlMZUuo6sAapOpP3hz6Yoas7iUuZala5QyR8ck/
jVHyZ5FxGyemfxq4kTdnZDLi3kSEtIrFhzuXoOavWk2+2VweTwcHmk7XLhdo
uK5OCen1q3kmMMR+PaoNOhHzjjp6UA8c49BzzU2XQBSex/KmnGRgZ9KGIAc9
D196M4zg8UW7hcTPX+tMJGRj8Md6YwJO3oD600njgUOwovoNdgvTg45qjLcs
X8tAQvcjjNZu7djeKSLERyuAc00q3mHAb6is35G3LckDnbzyKcGDrtAySOhr
eM9jiqUmYlwBHcuowSeQO9VWbdxtxkfiP/r1ot3ZlKK5VY1PD7bop16YxgN/
StXYQ3zdKSTRnNNajWjG45OR0Ip2AuPWnuTFrqMOBwo96QlwcL9amw276HPa
ouy6kAOdpBzjOafZEOLpQM/uwy/XvTKUtCO7unkshbxt+7b04/Otz4aRB/FM
kjcBYdv4mk1oap6Mt+Ir+O38bXU0jfuUjjjYDr0PNdLp9lJfWEU8OI4CSfOl
+RQPx61Sk9jFwsrk8j2duNtqoupR1nkX5R9BVZbt4y/ngSxv95WHH/1vwq1q
Z7biQWkMt3Hd2Ug8uIlnhc5fp/D6is/Tr9Ft7vMjGQysSgHzdTxUTd1oaQ8y
TxZ4gtNN1SC0u7feZIA+SBjoP1rmmi0PXS0dkptLkg9MAflU3lBrsWo3XMtz
l760nsLo210hWQcoR/EK1NL0/wApVnuEHmOvA/u81cnpZEp9zVN3FZRmebr/
AArjqaw7zVLjUZbmS+xJJIAqFiT5a+gz0/Cko3C90znRkNtYEckg56UmcHI7
fyqrW1ErtWCGIzzJDgMXOPc1oa9KN8dtGcrEAxwO2KEktUTzNOzM5oXKCUAb
d2OO1TE7LOQryJOOe2D1oTXUcrvYy3G1yKDnrUFkkcLyYVQST3q0lrBC2bqX
OMZRev0z600urJv0JI9XlszeJYKIILqPynXGSV54z+NZYxtAxSe40rAOCKeD
uwMY9KQxo4ORmpEmcIyAnax5GeDQAznOVwKBQA71GO/BpRwfT2pgLghTj6H0
rZ0t45yqys25edo7gelCsCdjdd44ngMrhYmbkj+AeprN8R2P2O+DRglJDnI+
nrQkr3IlN3sZUYw49MdKa7HDZIzVqzeo7W1Q2ONp3Ean5iMCr90wiQW0AACj
LH19Pxo5YvcVyoFOGHPA6D0qvbjzZraMjO+QKffmklrqJ2aNHW383WpieNpC
jsOKpqeCD34otbRFr4SOdHYlD94e1Ryb44Dng9sHNKyRTbaOk0ONXu7YHoMf
/Xq74quyk7EEsCwjTc2Sc9qW7CFranMXFoUlPmfKRxj1pyphcYO5RwO1U1fc
SfUrxkJFdOwBAGMe9dZYRfZvDcCEgMEJz6880rWVyJpvQ5q3lKTCeVFfDbsH
oR6Gp7qWIxRRxooY5YkenpQrrbYpK78ysN5VcLgYqa2k2OGJCr3Oe3tVXSWg
tb6nTrNJPpz2qqmJgoLn+HH/ANasPV3jkv1ERBSJdu4dDUp+9e4W0sVDFvsJ
JUJCSPgDtn6VZSY3Sojnc8SY55IFaS2sEbLVkcqlEHAycZwKgxliWBz3x3qN
LFW1GlRzj5Se4oY/KWIwMZIAxina61FpEaFySCcdP/rVI24gnA6cDsKU1tcS
3vcjdju2Y6HGR3Ndvo1t9ns0z95uTVWVrsyl7zTNMZzx09+9HXnjBqFYG7Ds
EfdOR6UgHBI6+hNAt2IMYyfzpCc/w/0oW5WiDbjr1pSVxhqG+wNJbkJOGyen
p1pd+GwuWB9qncFJIcW44HPb/PpRngcDB/Gm1bQYnHO7ilJzx29aQWIskEgj
n1oyQ2OT7VViXotCOeXyLaSRs4HPSpfDFsVt1Z1zJK+cn0pFpe7c9Ds40Elw
yHIzjbVgZz7fWoNEKFUnrtHcinCMdVHXvQMQhAwzu5qKUgKSDx6UAPXiNRjG

ffNL+Cj3ANUSLkd8fjSGUZ5Ix6igDLeYS3kj5ZkXhR3qtHZM1y8k+QGHBDYx
WEnqdVOXKiKzSMTSGd3aWLoxbPFTx6shJZQ6IvVu35d6n0NHFzdwurbTNWiB
ubVJN3SWNQD9a5XVPh+swaTTb8Z/55ScVcZ2OeUGhng74cy3rTjXt8DIRsCH
tzyARzUPiD4Uapab5tKmS7j/ALhyHH4Y5reLs7mHvN6nB3ljfadceXeWs9vI
mchkK81F5uJOQrqR160tdgtqKVjYEZ2nGATSNG2CUwygdRzVxVwvaVyNid2N
vJ61a02LfdoCucc+3WlJA3pc76Y+WBGDnbg5/CmqcgIse2KjYcbs9mjtYUuZ
Z44gs0uPMcH72OBmnh1cso3ccHKkUyiC0tFsyywSMtv/AAwkZCeuD15p8VzH
PK0a71decSKV3D1GeooAmzignJyaAGNIiMqs2GY4AweadwAT0HU0AMgnhuD+
5lR8dQDyPwqm2mW9zNJJfotwW4VunHpjtQLcuW0SW8CwREhIxxn0rPutQne6
S200xvIwJyw6AdaAKdzJfxMsNxDBcMf4YV3H+Wa5XXLdVmMqY2ngjGMe1Xo0
ZPRmPHK0U0Uq8sGz8w6VuNp1lKrSXUQ82fkFPlApx1HNaXKNzoBKMsN2vl45
Eg7fWuet4TZXJtHYNld6nrnn1okkiIuSdi6uSpx1HU1cgclcAA/Ws7GwpBA6
Y9M0uTggYNTYoaSMADrTR7dfenYBCcdOtJx2J56jtQJoBwOh470gPGBTY0u4
08cZ5ppJzycH1zU62GkrlKaUF9iH6n3pqorA9m56nrWbbjqzpsmi7CUVN5yW
xgLTJJC7k5yc9PSp1bLitBFByxzk+lCnjn8aTtcN9DN1MIkm4Eg9s9vas49D
1+hraLuro55LkNDRXK3zpgksv41ukBBgg59OtaLXRGM2+o0qGOQcUFAR0y3+
elN9jKLE2EjkYB4pSrEgA8etJi5n2MLWVCTu6j/lmMfhVFJNgBU9Rgdvzo5b
msZ6WsVh/qGU/LhiT6jB6/Suv+HF5axajMl3cx2kIjEnmnAJJ9zSe1zZapxH
Xmo+G9I1W8vYVbXtWnfcrygCCP8Au8fSsi48Va1f30Zup0bDgLEgKoi9OntS
qS00Q6ME/iZ6VDaxHwxLfqYLm6U4WV3KRoOBz6965WVtVvbhH2olv2SInDCk
puUdzFxSk9B8/iCxso1SaJ4pox8ox39aueH9d0zxBDJDe26295tH+kKoBx6k
UOTiaez5ldEXi46bcXlnEki3ttIPJa5GP3b46Hj6fnWL4X0J7HxJeLMd0MMS
mNuxBzn8apyTRnG8R7iHVNHe8dA0tnM+CB0Gcfyqg95DHb+eW+Xtj+lLVFW1
ObudRknn81vu4OxT0x7VFLdFlVYlVVIyxHU1aTiDjFOxUbJlUKMg5BphAHTj
Bx7VV1Yz1R0XhLS1uYNU1SeeOGPTogUD/wAbnPArOjhe9j84Z8y5baAecZ6f
SiKUlcT3NbWrWzstOhsPMEt4pIaJDyhAzuY1zd0jJFGSOCCxpWT1RTVrFSRc
r8vWnWrQoX85Sxx8oB6Gls0wdnewj3LuoA+UZzgcAVAWOPXmk9RrRCE5U4pC
McEc0gDcccc04lgQQOvrQAv8PPGKTqcgfjQAUcDgUAKGIzk0Z5yetAXJQcpg
Hj+dTWM4tr+GZgSqHLBfSmF9TS1C7N8ZGbgOeFHGB6Vu2bLrnhqeFyTc2fyk
fxbf4SB/WnZtik09jlXyHPTg4I9ajkIkJXseMUN9LDVlvsaNtttIGuZMbmGE
qqG6ux5lyTRbZkpq2gscgSM5HP1/MU3RsDUbbIGFYsSfYGny6vUHpEfcN5ks
sjgNk5x3P/16YtuWOxTg8nLfypwdkJ9EM2hlLKe1V7pSXVOeaHdaldTsfCaF
rtZyoIVSSMd8enpVDxBcD+04G4Ko+/aajbVFKK5STxJqFjqKWjWEAiZCTID3
rFRiXUH1yM+npQpOV7olJpJJlGVsJJ2zya7K7Yx+H0U8ERYIPHU54oJk9Ucq
AHtyufvDGav6jqbaounrLb28DWUHkmSFNplXjBf1NWm7WCcFdMaoRU/h+vem
mSM9AM+44NNLRjtoOe6ba6JkZwPf3/Co44pJ5XjhG7b09KhR62G3yqxpafYu
fD905UiW1m5Ru2aowktL5iDqoyQeKptN2FzaEp5jHQnPWoSNrHd17VL0VrFX
diBy3Kr35p0q7HA4NCe1xN9BNqgbQCRjj60kjkfKeQwquRthCSSehc0m3+2a
gq4yifMxHP513Ua4UAdB0pTVtCLJ6kh6HH+NN2/OOB+VQtheSHkgDAx+XNNL
HBKj6U+pK0QHjjbyKTnPUfhQNu6FwSQOpNNYZbrwKB26jMDPcHNOyADgUEuy
1GhcjAHHtRjgKeeOtPqCXM7jWByOg/WkOdoXI3E/pRLRDV7k4g9TULowY54I
9OlZRl0ZtKF0ZutF3gjihZg8rBSPTnrXXaNb7ZIY8DEaAcdq0Zm4tW7HWxLh
OBkd+KlWNmPyBnx1xUmhI0WBzGW+gziowh6qGz65oGIZHAwxDD1A5FU7uRQB
8xySAAD3pAWlQhe2P1oYHjB2+uTzVEocvTgr9Sear38vk2buFVWPygcZzQMy
ojhQAxHv3qXew+8dy/Sufqza1hwMZbOwHjB9xVdLbysmCNJV64k7fSlY0jJo
r3EErXSiVfJgYcmLoD6VaPk2iFmn3RDoCRx+NNraxbfNoidJYp4wzEj+6d3l
+npV2PUryyUN9oWeMn7suSR+NbI5pQadhNV1S1utOkFzpH22faQieWrDP1PT
8K+fryxurW7l8+0eAM5YIVwBkk4H0GK1vBQd9xRjoymxOfx/SnKxQ7l45HSp

u1sTu7sk84hiJFEg44xyKv2EsMcy7Q2SeB15q2+awnqdaXLHIPJ6+tPbKxkq
N3oKyku4J6HskxtLmUWly0fnHDeUH+Yd88VYAKqFZyxHGTTGUJf7QnvMWsz2
0KDDeZEpGf51ZmtxcSIbhldEOVQJjn1zmgCbNFAC7sKSc4AycDP6VnWN/wD2
hOJraSYWhyFDw7Qx+pGRQA7UYNOuyFuzbGdOUZyNymrAukSzWe8kjjOPnwTj
Pt3oAheFb9d0qNHHnhWAO4evtV3dhdo4A4wBQAjFtpMYTzMYBYVTuNLs7qCa
O5iR3mHzyqoDZxjI9DQJq5xWqeDL2ziZ9PlN7H/cPDj0HvUMNxcpFHb6jp8s
UgGFR0IJA75q79jN6KzHi3mugd5CRdcE8n2qh4jg3WMUixoHt24Kjjb3+tVZ
md0ZSODgjkGrELDcMAmsXdG976k7Adev1PSmnjpjPejUdxCMnkZ+hpGP1+lF
guMwM4NO6AehFNvoMaeuScqPakbkVIDZGBPYZPY1CWLNxjn361O7LT0InjRj
nBB9aYInAyBuHbHWnOHMiIT5dGEchHUbT781N8pGcZ9xWbi9DrjLQA3GAcY9
OtIzbRz+tJKw76XMu/VpPnIZu5GPSqZwiqxOexA7Vv00OZvm3ZJp03l6rAc/
xdPUYrq2ALtyCKdmmZzeiIiAGB3Zx3NKGyecADuRVbmF7PUdk4wBz79KRiQu
M5PrRbXQq2hh63Kkk0cUYBfHzc8YrL+4q8ZHT3pdbFxWhGgUzBefnXGR39j7
0FVjjbb94fd7cd6et7F82o5gFPykcU3TdpuGDHgMCeecZ55ok702XSXvanq9
9c6W/wALURoJbXTZWCbQ2Hb589Pdq42w8WXMA8m4iDwqxC4HO3JwK5qcPcTX
Yt252my/PdaJ4hiME77J+qvwMelZK6Le6Bqkd9b/AOkWoPzsnJxj+VaaS0e5
FpU5eR0niCyifQrw2qhdyecm0dGGDx+NOu9RW38LSamed8A246Men5800tRP
YxfA5M3hfUWlGBk5J9ea4p5/MtghyB2/+tVJXdgctStgOUzngADI7U7aCfUn
qewrTWO5nJ6CA/dPHH4ZqJjtB3Hj3pOKb0Jc1ym9ZL9l0NYnJ/ejzZFPXPYV
FoJ+1Wd0h42sCo7gH+tFrFX0MiZnikuVJPmO20k8kj696sagVaxt2zhSpGPX
FPlSJk+ZFb7NIkCtICpcZXPAI9R61SkUq2SMe9JxdgUk9iInnmk3DNQWGRih
s0AGeM044OO9MBcYU9OaQZHekGg7Hpgn+VN6nnigYuOQD0pvc4FAiRCA3I4p
cEsQOh9qZLZPA43kYznt0Nbnhm9Gn63FJM+IbgiF/pjj9admJ26Eet2kdlrt
1HLuCMwdFHcVXs7ZLidnAKxx/OOP0qlpoUrtXZHfTLcTkJ8sYXgDtVfJAKEd
QDgdc+lJ+8xK0XcHYiNuh/z/ADp2nMEm3ZI2ow+uaaWoXBTyTyxPI7YpVZl
JDn5c5604pRG2mPjZcHjnvxzVW4jcsrBSTxyBxU2IV5O53Hhwww2j7nAfZ09
a53UV8y4ectlQvA+p6mp05tTfW2hQH8ILduc0D5WJJIAApvfQleTKJG54wv8
UgGD05Ndj4lxHYKmfTH6cfSnd7GbWqOax+7OOi+npQUOTnuMn3ppaD5uZkgT
JXHPP5VLBatJOY0XJz97HBpRQ5eppLpsURVrlwO2F6n2pTewwh1tIwo7ECqc
7rQnl1u2aGk3i6ppdxpAtkjuRGxa4UnMnfkVzmkzpblkMZdpRg5HQio20RfI
pXuySVQgIABHAxVR2D4JLFu/PamnJjtbYfB80x7D+8aGCuSenp60bOxC11Q1
jjBHfp71Ecsm0jjPbtVR0lqDXY63w5aGC2Mp+9JzgjtXQL93ABxUzbbuY90x
R04FCnHXmpHfoAA4IOfrShc88Z70x+o3HOTikB5PXHY9qOUNlqOxn7oxTen0
oQldaikknBAYD+X9aj4wMjBHQUWE5LqN5JxnAPpTupJHb0palAckf7PqeKIU
DSFR26Y60p7GkFeVidgyHBwwHQg1BLPsYNjgdiK502ztSSKtmFv9XVyn7uEc
46Emux0WPczMwJBPABwRW0b21OWp8VjpoPncBepOACAa2FAjQIg2qvaqEDBX
++M1Uu4I0TegYDp7D60DM6Q5PykH8cVnndNq0MfCogLkHqTUiNFslvmzTcDJ
B59DmqECqqgsTwOevasLzmu5HFwTsViEMYxUydi4oQ286DMeJV9uv5UxZdrE
NlT/ALVZGiJRKrdDTw+DlWqUMlWdsEE/KfWo5La3lBDRqM9QKGrsafLqhiwN
GMLEkmP4gxBA+lQvK11ftb3CsIwAMgYI96qMrF6SdxxvGE4g0+IyBTjJOKkk
ltL0GK9iSXHykMo3D8aG+qG6bsc3qfg3Q72Vo7G4NvcEfcYfywK5XU/A+q2T
bo4vPiA+8nNUpNMwlDuc1NBLDKyyxshzjawIOa2PDdn588kzDEcSjGO56Vpf
QjRanQxjJySQe2BVjazBe4z+NEtETp0PTdRTTZ70eTPi5kIEjRsWx06nt9Ku
zTNp8S7Zp73y1w6cE4PRiQPr9aroHUlsdTgv2ljjV1eIjcrDpVzHFIYVR1DU
4rJhGqedcEj92Gxj3PtRuD0LkIlMKNMB5hGTt6CkmXzomjLDDcHK7gR6YoAg
ltrKG1w1tGsSn5Qqc59qgtNNt1nW5IzcKepwSvtQI0SSetFAwooAAcdKhvLW
G+tzDcoGXqCexoE1cyD4YtzEQLqUy5JQ4AUe2PSuVu2itreU3qPHkFQpPU1p
FmM4WOVsiPKCnqpP4e1XUySCOMdKiW5pFaWRaJJjHI/CmHA9PxHFRuykKe20

ZA6Uh7549qoGMJyeQOKG+7ggEmla4J6ajWPHTmmM5OVzk0N2RSV2RsSSQo+X
NMJGPT1ogurJm0g+Y8Dn2py7lzj6HvVvUxi2th+Ucnci7famGFlXEZIHfPFZ
yjc1jNxIWVhyQeO9NAMj/IctxhR/Oo5ejN1UuiWeILauvrySKwJACvGcnrj1
rXlcUYJ3kyshYOsiHAB49Tz0ruGIYK4VfmANNsck7Ee4jPy5GetSL9znBJ69
qe6Md3oIcDAXr+tZmqXotcKuWlY8EdqRS3sc8shMyu/Uv83qc8U9FJgBI+7K
c1Xup3L1bIpcI5Yk4UkgU5wWdQncU733KlqkNfAZm7dB9MVSZpQztEQHA4z0
qG7RLg/eR6ZrWqWmseEdI0TTHVpleOS4bGFiVTk/iTVHUfCEczmTTLtY3Jzh
2A3Gs6U1yKLVia0HztpmHd+FdatWJWxZ1HdOc0/T73W9OPlyWc7RkZKOpz9B
WsoOSvFkxrpPlkjo4783NuyPFJEsildrjaeawPH17Ha6fY6TC2FRfMcD2xis
o3W5po9jTwPDvw1LS/JdXSnCdyWP8ua85PyALyQOp74rSCsZy8hQyjk8D+HJ
oZlIxz1yfSq1bIuoKzB2BIA78/WnW6B7jZJyuQTj61clZDWuxf1m4/ghYkN8
pPqKh0K48m8KHIjcAYrFp9S0Ra8pi1GRV9AQw6UyT95aW8GM7Ubj1rTlT3Me
a19S3Jd2v/CKeXcmSfVt6/Z5N3ywxg/dI+neqEypIgK42nnpinfndrWDlcU2
2UXiZCc9KiIPFZvR2NVqhWGRnHvTTwc9qQbCnjGRRTEHPelzyBSGKp2k/rXU
6T4QvNSsUuyyQxSgNHuHJFNWWrB6D73wZqECs9v5c+OcdD9K52e0ktptk8bR
y4+6644rRcsloZ3akQshTlgck8Ghc5wDxnNQ9rF+gLlW3YPB61ZkdmgPlnLL
8ynHIPahNC1udLr0Y1NNHuw4Aniw5Jx0HNWI9Fu00+2e2hkuEuXcKsSl3YKM
k4HOBV2i3yoz1juc2to/2qRGBUK2DkYwfT6inNYy722qTt5444pqLTK5l1K8
8bpCWZcYP0/yaLZf3jKeScn8hUzVhp9RmSDk8Hoe1DHKgn1x9aSva4207DJX
MKsQ2SO/rXQpCE0m1V1w7AOQeufemmJ6EpXNvu747VUuoVFkbj+IMEOO+acl
qO75bGeI9yHaQaY0W6By+QdufrSVrWDfVleyTzNTtIiON4yP1rp/E7jzguDg
Zz71NugN+9qYSDA9Qw6Vc0xA1yU2kxSKVGe1XFXdxVGkieG0jtyDcneR1AqW
a9hjR44EXnpg45rN6DW2pnNPLIAz5G3n6+1LGAc5GByeveqtGw2nLYv+H7hb
TxXYylcxSBo2Ge+Ov0qrf2n2PWJ0AI2TnI9iP5c1KfLId1FaiXQUs21sdenW
s9kJOB0zjIq1dN6Ci763JNjxKgYDaR1NR7cYw2exPp70R32Cz6MCGzgkcHr6
1YtLc3FxDEq7i7c4HGKbWtxN2Wp30MIiRUTGwDAqbHOF/His3voZCAMCAOne
nDZjnP8AjTfYIjWwxz/Kmg5fC4K0tAuxeeowR79qXA6kZx0FFyr6Bng8Hn9K
YB2BzRYXSwNgnaePYmjAxyc0bMVroaVwTtzn2oBwwyOtNjirCnHHH05qSSz8
6JWKtHIo+8hrOaujam7O5Tc3URGZFlUnGR1qaQSmHEiLgD71Z2OrmvoO8NW2
2zd2wC7Ek/jXX6MpWPkcLxnGK1Wxyz1Z0On/ALy4APIHJIrV6mmAUyYgW8m4
4BGDg4oGYExRSemO2Tk/nVHTIzLdXc5fjcFAxnIxS6iexp4UdMAe5puCeDyP
TFMRU1aXybIqDh5TtCtWbGu1QqA8dQOazmax0Q9WKsSMg9velaVXXEqI/uRg
1mi7ERt42/1ExT/Zk/xpGWaDHmRsB/eByKT0GmKkm7kHI+tPDAjKnB9+aFdA
yQOcc9KR2yhKqN2OD3pije5n2ds7RPulkidzzx8xH1qYwrZQO0CtJMwwWPNJ
dmbuprZEVjBH99jidu3pU6X7LMY1hc7epx1/CnLXYH7zHXNrYalFi4tYnzwS
EANZX/CMQW8bDTnCRk5CZog+5g49jMlsp7diJImAz1xkURRlp4x0y2MdvrW0
3pcx5bHrcVmsDOkIjjtn+9GF5YkeuaILVbQJBZRxQ23LOB1z/XPrVAPikhTd
a2o2tEANmw7Vzz16GpJWSJd8j7P9rGaAILbUbG7naC2ukkkA5UZB/D/61Z13
pyWR8xJd248CQ5c/401oxMW0jeAi4MUrBzxg5Uf4VqNdRE7YyXfspBXP4kUM
EQx2t1/aAurm8DRqD5dukYAXPUk9SauZz3zSGFFABRQAUUAFVbjTrC5LNcWq
SM3UkUJ2E0nucbq/gyRLiWTSE+Q/N5T/ANDXL3UNzYyLFqFvJbO33S6lQ30O
Kv4tTJScNGWoTuHDduvamMuDxWfmabigDr0PSkOe44osN+Q3IJxgYprHjnAP
sKdhoYfl6d6iLZyF5Pcis370tC/hjcYSM4JpQo6FcitbNHNe+oFTnK8inYOO
GK+44oGyRVCAbOmKXkjr0HrQt7sSulqOIULu60kcQUAooJ+tIq9h0i70IwM/
oK5mdCs0ik8g9B6UNsILUz2I3lR1WuysZBPpsMhJJI2/SnK10ynrGyJQMDml
XjJzkUPUhLUraherZw7yB5jH5V9a5SSeSadmlOSeMiqQ2mtUN3YXcRuINWE/
1VwU+bBDYzzmptc0bK0u07m7MKWJgYyhOGB4PtTb0sx2VhOQSCc9hUJwZVXG
c9cipaW6J1NnSNQWwh8xYw6kbWzwB/8AWq/pOqSB76e7ZVljCqH5CAf3fc+

tS46mkHFq7NTw1rOr380kZk82GEAEyHBye34V0zJcFMyyIp9jmkuwSs3oUJY
/Kfzo1M84+7noPeuasfDMl3qyavr05aMMWkRhySOgH+FaKPUycraGL401869
q2yLctnakiMHjJxg8dsVzTMdvP4nHSqirbil0SYcEjI4Pb2p7sN528ZPH0qX
dvQVkDKFU+gGRVizkgQnzCQTgimpORaK94T521W3KPu89agDtCQwH3e/riqk
k9Bapl/XpBcGJ4+FVBn8u/vTYVeSa3EalgtqWbA6A9z6VcYuxDa1I47Uyx5x
weMVbi09VOwknA69qiStuVurGnpnhqTWtSgsbYqJZieWOFUKMk/lVPxF4Tn0
7xDd2Fk5uVt9i7sjJYruI/CnBQkrPczblB+Rz9zaT2rlLmGSJgOjqRVc9aiU
XF2ZpFqSuKBxk/8A66Q/hikV0DB28daUZGc8elACsCVI/iNeveF7tL3wlp8k
RwYo/KdV7EEjms57FrVF5iehGapajp9rqNsYbqFWHZsYI/Gs4vlCSueea9o9
xpNwqSZkhk/1UmOvGcGsgn5sHqPSuhNMzs0gbLA/3em6pVLGI4JHb6e9MEmb
scbXvg2xjX78d0y9cYXPP6Vv+G7+Gx1K2c6jJZvFMYY5AN6qhXBO09cmnLlU
bk6ydkR+I47Ozme5+0C5nupmZlYbXLH+MjtnrWA9/LbXbQSBWJAIYc7qcpOW
qGo2jZkNxfLdQfZygVpHB49qp2mBcF3b92rUovrJClDojVMVhMceYVzxzT/7
Pt2wEkU56DoaS1Y7OKWhRm03zLuOEYIJBbnPFaly/mXLbRwpwOetXzR2E11Z
NL8sS7cLkdMcVQvcvoqeSCT52Tjrip1k9B35SvNaSW8aSKhO7kBRwD71VlDy
uEd1TJxlzhR9aqXuq9jOL3khfDw83xJag8YDHB+la2sTZ1do5QGjddg7nNTo
1ctXlIitoYItpkO+QZ+n4Usl9FGCEHHoKV3sVyrdlF5pJnJzjnpmmlSo+bHP
6UNWSFe7shzby+APmHJH4VLlQQSSccYHf/61VJJpJDvyjJNyoro2DCd649fS
tLXGWa+juEJCzKGI9TjpUt6kptlO5TMzAgDP5VVK8fKPowqovdFra7IyxKbX
PANICACWGMntRdvQL6XEByCccdq3/CtuZJJZ3GNpwPXpVu6RjK9jqhjAOD+F
Px0IzjvnrWILQXJPc0gwc56+ooYt+ohyOOlNwQp7etFxJNCrkAAjP1pwGfu/
l0osXZ9RmDnA9aQknkkfXrTJW43g/wAs0vbnBxQx6XuB54FM4J5zilqJtdBe
e3apFuHXKBiR6USVyoytsMdISDiMKT3HrVW4Z7az2q27ccBc5rNxfQ64VU17
xt6fE8drHEQQB1x1NdBY2qNySSfTdjFWc13c3dKt5I7ppAWaMJtbLYrXoLQV
WvpNkSqGXJ5Knrj1oGc3qd2Ibd5M4K9h3NT6VGE0yJpcb5MuwHGKQnsTuqA5
B3dzx0+lJ2459M9KYjFv5PtGohF/1UI6H1NKFGPmYYHvisZb6Gy0jqNmQxsA
ZAdwyPpTMnOQx/E1D8ylqJtJ57fzqVGZF4JA9DRqNiNHDIfnDK3qvA/EUxoZ
xkwskw9ecih6iIxOQcOGVvRuP51IJMckj8KLFboeGzznIpwbGccH69aXUQE5
6qN3rjmq7wTKjLEyknoXONtMqMrMcZJIIAsroz+gP3v/AK9VYRNJN585KD+7
VJWWpV0rssPOdv7xgR6HkVk2arPqaOqqibsYxwaWtjGWx6vSMGK4V9vPpmug
yI5pI7dWnmlMcY+9kZBPaqUPlXqTu5kS1U/LGBjHHXjn3oEUTYQXHzaOGZej
uSVXPsT1/CrI02a1Qym787++XXkfQ07gFjcvfSNEL7YE48vYFY+474q5aWbQ
u0lxMZ5SflPI2j060AW6KQxKWgAooAKKACigAyR0NQ3drb31uYL2BJ4jztcZ
x7j0oE0mrM5jUPBaGZptKuRAD/yxkHyjr0PX+dc3qmm3+ksv2+JQrHCvG2VN
P4jOzh6FPgjHP48UhyMccUimxDjvjPtUTFtwx0pXsUtXoD/LAZCwA6AnvVbB
BJB//XRBWYqqb0Hhc85BNCg9jye+atmFmrChckjGD05p6oygjhs846mjQE5X
BVfncO/HHSpVUk4zx2x3oKuPPHQZJ4wKULgkDt/nikUIQwHJ+ma5zUI9t85P
IIpprqSruWhlyZEjAY5x+VdL4dkzpIiU58tj+WaTS0ubp3g7GkBkA8gdgahu
7hLSEyyZC/zNHoY3scpc3Et3I0sjgH+EDoBVYcMcj8cVUXuaXvsOPDMoOOhH
rU0ByX448vdz0+lT1sVze6VQ4K4PPt6mh/l+YevQVTjYbatcVzlgAeoqCXIc
EHtt9qWi0JlK6uXFJFgwfGM4PoaUOWby85PXPtTflsTDe7Hy3RgtYo7Wdo3Z
iXKtgk1r6Fq9xHbRtLPku5A3nOMVlOK3tqdCndWJB4yu3vRbuqpbiQB3x823
1FbF5410q1JNpby3cy/dLD5c+tEOZeZMoxktDzacyT3U926qkk8pcqpwq+wq
Mwt8oyMnrz1reV3qzNcttAMLAEnrnC89qQHDjIw3XPt60/iRmmlp1EXbjcRj
HrU8GnXE1pLdKhW3iXc8hHSo1YOSRTyGAJ7jihgCCAOR2NK7SKun1LUSNeW7
QL98qQCeOa7Jra3bT7KKztglwLXy7l4sncPenGTRNRO2hmavq0MlpbWVrbwI
lMgyKuGP41lm4kdi4IGBSlJ9TenGKVjSstQuLcRtbTyQSq2VkjYqwzwcEdsV
1em3FqqDz4seQSzSodzZI+8SeprOPxOQ5w0sUPFAuJYYBdSW91ayk7QMb1Fc

7Y+DLnX4pZvDxSWWM/PbSOEYDpkE8VtG0t3oYO8VdI5a4gltrue0uYjHcQSG
ORD1VgcEfmKjC9CelFSDhJocZKSTQEYzilHHX0rMoCDuBHOa6Hwlrh0i7aOT
JtJeHX0OOoqJx50XTdnqejJOk8YkhkDoe+elNZjk9/wrJRKbsUtSsl1TT5rO
ZQN6/I3dW9a8sYFWIcYcEg/UHFdFN6WM5dxScgrnir+lWE2pzSQW20zBdwVj
jI7496uKMpSa3Lt1KNOsI7SPhyTuxyAfU+9ULaVlmRAeGbrnkHtilaz1NlJW
sma3iWKT7DZXMsqtNJIY2APPA61iqQRuOSAeh7VT+HRmTk27CwBWv+owiEj/
ABpjZjhQHA3ZOO+am8nvsNO+jIm5Xk8EY/CnCR+CXIx3HGKOhSlbqafh8N/p
F3IxIX92pJ7mtCAeY4LDH97A4zVJWsZuV3uTXUpyoIP1xwKqXNz9is7J1G7d
IxKnoeOtSr30BtPckTxCrg5hXAOMVV8R32n3cWntYwmKVd3m+jA9D9aT5loW
0tLMi8LoD4kLH5tkbcgUarKH1aZv7pA4/nSs9Bp+Y1JDMQBkgDt1x61M9shJ
HH1HetFtoRJtMhZVRgpB57jtSsoZcN97OQfwoswukweIqBxw3U+tC8EFQDt6
E9/pS5tNC7JsftDRyR4zuU9KWbzJdPgXnzNuM+nNVHVESve5a1l1NxC0SmPE
Y3Bhjms5QdjEgY6DBwaLcmo942K5OWYLkk0rZzx9SB60uayKg900N+ZvlTAZ
uAfeu90u0W2sIoyqkkAn60rIxctol9RgZ6D0ozzwST2BpaPcGLkAcml29+lJ
hoJjBxxxTdxJ5xn27ULUUnYUL8vBz7daUjBx3p36Al1EYgr0OfpTACCcZzSQ
27bA2QuO1Mz0Dr+dHUTuhc460uQQQuA3pRcSte5Gx3H73Pr6UbsDocUFPTYM
5bgcH0rPkVrrXbe36hDubHb0p3Gr21OvtlLS5yD2yK6SxRQgHzlvQAYqS1oj
ook8uFUwAQMnHrT6CwHJArE1AzvMftBVCOBjoB2/OgDnNbYSzW1oi/PI/wAx
C9R1/OujKBFVFHCjAIHT2oE+gw7PVR/u+tRzOkEMkrZIQZOTwaBGBYozIZWG
HkJYnp+Fbmj6Wl9K0tzhoUOPL7k+/tWSXvGjelhNUCyQN5VsqxxNgEAcCscj
ntiiemo4bWEIAGWDcc9a0NN0i61BTIzi2tsfK+3LMfYHoKhLmZUnYh1CyudN
m2TlZIW+5L0B+voagLMG5zn86JLlYRdwaYsCsoDr6Hk/nURt0Y5icxH0Y5FA
+ug1lnhP7yPI/vR8g0qzgcAmlZX1G2+g/ev0oZ8KOf16UxdCF/LZgzoGcdGx
zSPKScZOfpQ0NvQo3kpZhCvXoTnmrOlQf8TGBRzyefwpyWhDZ6NFKZM7oniY
dnx/SptpI6VuZjJY/MiZCByONw4zWUbPU7iQpLJHFGhGdg2+Z+VMTJXvTp8S
W5twzLgIFbr+ABpv2K4vIY5pLyRHJDBJIxgAHoQMUB5Gku8opnEZlA5KDgfS
lpDFooAKKACigAooAKKACigAqKe3guY9lzBHKvo4zigNzl9V8LW0JMth5oDs
cpywQ9fyrmr/AEy9tFZpLeaSNerxRsygepOKrcz+HQzyw8vcBkHpioy6xfey
WJrGWuhtDuV5ZnuG3MAqgYQAdKFdo2AZAw9aXPytIuUOdD15IHbFPwNxOcAd
BW109Uc0lbRjl2sOQQafF824lDjOOKehFyVFAJPf09KQrnJHTvQCS6gFJGD0
9O1LkdwfxPFLcfQcGOMHkfTisPWkKyI4HBPWlZCTaaMS6AEmQeela3haTD3M
J4JUEfh/WqvpY2tozdkmWKJpJ3CoPU4z9K5O+vZLuQ7uEA+VfSkQoq5UJDPn
Py4wOPzoxkL03YyabT2K0TEbKjHUck5659KltcrMYi23dxjHrzUW2YP3SvIp
DEHGc4FIAdzN0B4+laNrqUkmlckVf3LJ0K8jFQzDlMcqeahWZF2pWWxbH/Hs
zYBAJOO1VrdkF4m9sJvG7HOVx2rRaRuD1e4l6YBIy2qnZv8Ak39himoxKHJ2
qvPpUzmppOwK8Xa4zfgYT5jk4Y1E0jtj5jkADA6fWhNXE273IckMSTn696XG
Sewznr2q5NN36DUr6C/MC2Cdw6YNG5t2TyT1HoKm6E43epraDpQ1K4aS4lW3
tIBl5n+6T/dq74nltZZJbbRZZV0rC5EvDSv3/Cr0SsTyXZzLI8bISMFTnBHH
41JZ20l5KyQrll5OT29aFC+gNtLQu2NtOtv55jK7yQqnrwcVrQ6tNZaLdWEA
2XVydjzH7yJ3H4ioknT1RrG01ZmXbWOAFVd20cAd6s3FslsIjnLNwR6Vhzyb
1N7co+zg3zKGIABxnsRWtcXMbySizU29uyhQnqR3rSW2xn8UtSCOETHaRyOn
NalvaR2oiuLG+mtL1d2XX5dvGOMdc1nH+WRVROGsTF1+2l1qzlvZo1j1Ffm8
3vKAcDPvjNXn8HaRcaeZbWWWJkRcGVsF2PXA+td9OUbWkrnBUjK94uxzeq+F
ryyc4R8dt64+nNYUsMkLFZlZT05FTUpW1iaU6qlo9xvRaVOQMdevFcxsbdhr
9xZoph4YcMCchhn0rprbxbayDE8RRgOSp4NZzg/iRvDlmrN6j5/FNjC2UDOw
/hNcE37yV3J+8xY+2TmnTTW5nViktGMVV3gA8Vs+Gb2HT9Zt7q4XMUL5K5+8
cYFa7uxjN6EetyfaNVvJiuzzpPMwP4cjpWeeGDqDkEHP9RVSupCjqauss32e
wVmyrIW/GspsDaBwD1o2DZjreRYZ5JG/ubOlLOMrGWOPlzn8alORflciJHUZ

xjvTdrE7VHJI4HeiQlotTobWE22k28a4ZiC7j0arlqqrGu0/MRyKHvoEbW1I
7sg9PugZJrN1wbdN05WPIBbPrz1o0Jd76GYo3g9geataNp9xrOu2enWioZ7h
yE3NtXAUsefoKa1dh7as3rTTpdG8Vaxa3EflvahF2Ag9VyDn3HP41iX8DI8l
yT8rHLn09Ka5b2E7p3WxsaDZlLL7Y2wmb7uf7v0qzfwxxWrSnaCDggfpVz91
2M6d5PmRgh2Em8kFX5AzVixhe8naOJSXTn8MVKu7pG7sldj1hMj+UFJy23A9
abNbyW87RupUeh/lUNWV2Tez0ESEsu5QCF6n0q7oU6W0nnyIJFAZcNz1pc72
DkTRUuD5zHPTHGaozpg4B6/rRq1qWQK3RuOuB607IVwzc8/nV25rolXWtzQ0
C1+2apjGUj5PHXjIrtQPmOAFA6D1paJWIlrIkwcE5HP6UpYgAAAnvU6CsxQM
nPXHbPNLnnGQM9cUIb1DvzjAoIUjKge+O9F9CVqw2nbxgGmhgcA9TREbaWjH
9s5BprgleKbXUOZbDCeMEk/U03AyPTtmkNajd2H56/Shy4BXpRoIiyCAV/Cl
yTyQKqxEWm7DHk2AnHvUHhmMyXV1csc5O1c+nXilaxaZ2dghLArtAPXIrp9M
RXuFQjjqfr1qTU2icmigoMhVZm6Ac8ZrAlyGypHsMc/4UAYNv/pnicBh8lsu
eO2R3roWwSTuOO9AnuMbaT8p+bsax9eLStbafBkyzyAMDycUCNO48MSRZfS7
1t4HMVx8yk+xHI/Wqdh51nrtsl9A9nIx27s7kfjoGHH50ra3HfTU2BFgzRvy
rEg46/WuZkZYndcghTgfnU1FdF0zU0nS5J3Se7R0h6qh4Lfge1dUTgBQMADg
UQVkJu7I54YriBobiJZYX4KsM5rltU0OawzLY7prTq0ZOWj+mOopyV0CdmZa
OrjKHI9qMHtyPeudaaGzHhiv3Sce1Iwif765P95OKb1EMaFs5ibd7Z5qF2ZC
A6sp/wBrrTTAbnPPNQ3EwggZ2Y8dBjv9KFq7Fble0iYjzJPvHk+1bOip5mqI
VGSvIIqpO6sZPS53EtysQBAlk3/dAXj86zr2GB7hZUaRrk8soY8j0963Rmy4
8rQ2v2x12IF5iJAz6HPb6VnXesm4sl+yTtBcyZEVuFDyP74GcfXtRYLjNMt9
T02Xz9Q2zmfhtrYMZ9yetb+0BicfMeppyaewIM8kbSPfsaWpGFFABRQAUUAF
FABRQAUUAFFAADjpxS7m65oA57V/CtpfO1xZqltct97bwGPqa4rW/Cesachu
khW7hQFnaGTcyD/dIBP4U7J7kaxd+hiW7pNEHjOOOM8VPuCjnP4Vz1IWOuEl
JXTJVltkUNKMPTHeNW3xgkE/xcUoaLQmcOYVHWQjJAPTnipoxg84Hv610p6H
I4OL1HHg/dJPrTcMpNHUWgqsw7fTFSdfX6U7Bca/y4xn39Kz9aUNYM+OEOeO
9LUL6nN3S7gvy8+3arOgzfZ9TG98RsmCffmpvozVN30JNXv2u5TGrbbdeAAO
SfWs2TlSR164NVG7dheo0qDz0FDEeZj1B7YxVK9w5op2aE+Y4647Clt3/wBN
jYnnOAcY496TtuVYlu1VbxwxKqrZx6/SoOcnBwc9zgUOz3Iv2EWQiQMvHQn3
9aZdbUkUpkpnK072Wgut2Wbc74ZFJ3E8fjWeWBl4OQBjHYUrNlXiJGMEk+lE
rkhhnkdMetU7JoXchY7cYOcDtRkhST940pLS4XS0GHByeppxb5cnp14pbsLp
K6DcOM4B9MdKQkKAehzyTVNLdkqzWh0c1vLa2JgVyIZwAxB4U5HzEe2e9dX8
U9EtrAaRd2dxLdSvGbdY3KldgGfMBAH+B7YxWCxLp1HFrSy/F2FVoTnyyjK1
jzy+x/aUsUTO8SvtSTH362PD0VzZ3TuY0Ztyvkjpjsa25pXaRTenvHS2vii0
h0DUbW/srcXaMTbMkYDFmPXPauBUTsrTOC0kj/Nnu3/1qHJvRlxhGm/Uup9p
gYNsIIHJ9KmtIpb68gjDb3eQb2P8I9axek0+htKS5XY39TCwQW9kkkcsMEjb
WjGCcjuaoHkKoOR6inNu6tsRSjdXZYgDDBQ7T1q1NIJFw45PWspNXN3tYy7q
eUuER/kHUkdPSrms69qGoaVY6dD5ZNuS0WF/1nsaq87Kxg4RvdkdH4zSTda6
im5AQGSQblJFbNxaeHtctZysSKxUYCOPvHuvcV20qzj7rOSrQb96J534i0aT
QtY+wSyrIzIJBtbOFOeD78VlLlQD3zms525tDWndx1HBgM55I6UpI3ZUkA1H
kXfQCCeckn9aBnGDwR6UhX7j1Us4VeWJGBVpEEDkTDBVslfcVadtWiWubYJp
PMkZs5Gck+/rUUgxAQOeOvpSUmylFIv6kzSafYkngbl56YqiQA2WHOMYxSu2
tBKC5rtiMoNqGIy2/b7Gi5OZ9oJwFA6eg609htK90MxgYByD1q1pEJmWaUjK
j5FHqf8A61OK5mF0lc1UgljUHnbjJ+tXbYbkZs5HfHbiq+F2EpXjexWuT83J
47/41S1wrNDaKhyIFZSe+axlIuKuZSk4ZexHNS2Fx9j1OG5UkNESV2nBGRiq
1tcTtc19LvZ7tNX1C7laW4kIzI5ycgYGT9KNKX7alt5sYmw6O8T9JArAlT7H
FOK9n8Jm3zN3PUdev7PxEulafo1mVkDkGMoIzGoH3RjgD9K8+8bbtP1qTS+S
UI3Z4xkZA/KqV5K8iocsXypGHBFvRo1G5gC6+lOt7iSAM0DgFhgkHqPQ0O9w
VrasartncrHcvvirL3HmZ8x2YdMk84qWtNC5SGIwEZIbAx0otdrTRo5ZEkHz

Y5x701q9SPiWpc1uBLPU0jjlEkbR5Vh7etUJ1YAMw4xxSk0xxuvdTKUgLMAM
YFJz6dB1NUpcuqBq51/hey+zWTyMpDTMCCeuK3WJ6ZyfpSnJydzCKeooJ78A
evehuSCOTSsPZai4I+tNZCGzyRS0uCuiTBFIxHG7A9j0pFbBk9Mce9Jj5gc8
9sU07CauxCACN2CfSg8gkDj2pkrcaDhcAZ7fShh+npRuNWS0EIJGR+tRSEKA
WPXjrS5rFWbY3AOGByM4BFKwx0JzRzXWguWz1MzWLkW+nyFskkY4FbGiwNb6
VAjgb9oLY65/wosUn3Oq09GwTt7da17aZ4iHjfDdhjn8qkuxqwanHI22aJoj
jO4cirsbJKu6J1cexplEF/IkVuVfG5ug/rWHNKI42K9OeT1oAyvDKl2u7vBI
d9qnr+dbeFPJY5HrzSRO7YAAnJb5T+I/+tWXocZ1DxVLcsd0VqoIIPfpTF0O
xGe9PDN0FBZRuov3pCLgv0HQZqlZaLb2bm4u2FzckkjcMon0H9aNxGlbkyO0
rHgHAxUzdOuKBibQDkDBp6nBoA5jXNElhllvbPDRH5nhxyPUjFYUciSjKN/i
KymluaReliQc9/xHFL27fj2rNXZQnCkY4PSlWTAw7B17h13GmBFLDbSZ8tmh
f0HK1mXNrNJcrllaJeRj1p+galoDaMDj1Fafh7b/AGg7NnhRj5frQRLY6i5+
23BR/IVVAIULKWzn1xVOaO8jmRWiEkzfdVTjA+tdC0MmSeRJpkwvJw95I52I
qHAiJ44ye/qcYrSijETyXEsYWWTG7YpYr7ZoYxGmiizNch0fptbnA9Bjjmlg
FwVMtxIUXk+UQuFHuRSGSo6yIHjO5TyD60tABRQAUUAFFABRQAUUAFFABRQA
UUAFKCQeKAMS+8KaJezSTNaGKaQ5aSJipP4dP0rkPEPhW60oC5sM3VqThht+
dP8APrTfv6Mlfu3dGB+7lYqw2t0IA5/Gh4wGC9ce9Y8vLodCd3cVYh94jPpV
qM7k5IyRzVQ1MarXUA/zcf8AoNPI5FaGFrbAF5JHfvQ2BkMePUU73DVkfI7E
fjUV4oltZVPUjjFCQPU5GUMY2wenGRUCsF2nBz1z61N03yo1UZJXHknd7gce
woPLAg8juadkkHO+gqHCA8dc49Pao2JIDAnPU0WuxboMFuVIHTIJpjnbMpyc
bg2T3x61SSeg3zLYu6kpN0BgEuNwX1FVSWC/MpAOD0qmuhCt1IiVZjz3xmgA
CDy3OQOFJP6VLbSsPS+hJZYME2eMdM8VSTGCWIyR34/Kjm0sPls7jd2CZC3y
Yycfl+dIhXypAcmTeOuNuzH57s/hVcqa1KVovUYrkzKOhJ5BpD8xI28dOe9R
5CbXUUKvJHTPBpCBtCjJA6596pyexCS3FIB47kcn2prjej8Z7H3qbtg7RWiN
bSdXKyhLxi8W4bvp3xU/iHW7vVdRgtbe5mbT7WULaB8AkYGePbFLk0N+ayNS
w16MxnSb3TYXnkbbHIFAYH1HvUmsxvbNNbRyIAgHnup4Unnbn1q9k0yJ2i7x
OalMfmKFmLHPJqxF5SkKLk7wcc1mmnoxXbVze02wvNZ1Uafp7Jct5Qc7yAAO
+a6Hwn4etbn7VHczmzuYZntk2bWAkXIbORyPTpn1qkiZamR4jtJdN1qWxLpP
5IUNJGu1SSM5xk4PqKzo1yRg5J/lWSaleS2OmLUUkWlIVlwOAahnlIban45r
OSRcXqUZGUx5B4Iz+tX9DhBvU+QCckbM9x7VrC6ZFW1in480u3t9aE1qMbyf
PK/dL47Vy6+dBIDG7A5wMHFbSi5q5hCTSIJ3kklMk7M8h4LOck+n6VH1OT1q
LW3FvqhCOetAGVO3+HrSLFJOc88VNEskzjYvzHpjtTSuS2ktTWhii01fNkAa
Ur8vfHvWYGdvncnc3LVd21Ynl6iAYztOB/WpDtfcvAU9f/rUN3QXsy3cNv02
DHOHOfoaoPjORnp60tegNJMki+ee1jI+Utk4P3qimYSXMrLwCxH4Ua7h10GS
krEdvOO9dh4J+yW01mb75onieTB7MeKqnLl1FON1Y6e6TTWVnJwp55Irnbl4
trmEHb2pubbsEFyrUrmzM9olwgLIRwcd6ytQt3t7d3btwM9M5olBSV2TGWtk
Zi4HXnPTPQVGFLB24IHU1EbbGsm0i5Z3Ai0qeBeGmII564q74dmMDcn7sgI9
gafK7ES0aPQtN1RtAuJNT8tZUSPawPofT0NeeavqM2s67e6pdkGS4YMo/ugD
A/SoerRrG0YtkUMhguUkBwQeMHsaYxJZmIAO48L9arfUm19hB2A5brTwcgA9
Qc0muUL6ahyW4brwcdqYHC4JPTvVRuyLJ6E9xO098rzkkiPG7+QpPM3oFI3G
pvdalJW6EJUCPKjPfnrUltYPcXMSAckgt6VSd1dkylpod7AixwrHxheBUwJH
rUvVmcb21Yo5Pr25pxAHTj6CgrUMA4O7HqKbz1wQaQrJvQAcDj/9VBIDYb88
ZpgnoKGGeVI+lJkA5BBGamxTeo3BpGbNFrlXSEByM8flSZbAxg/jzTIEIOc9
BUYYGfaSPxHWok1YumnzakvkqvYYPamFCDlW4HZqyTcWdTgmYupRm61K1tAA
Bu3nnjjFddbqplAQHAxkYro5rowlCzOgt1KRgMMVaBJ+7+Q6mpEthdz9QPyP
lpjBWO5h+fUUDFREByg5PXnFVdZnMGnzOOcDAPTFDY1qybQ4fI0eEDksMtj3
q6RnoF+gHNMkrahcfZdOmmIG4Lgf59an8GWpi0RpZTiWdyTx0GelAHQ4IHP8
qR0WRCrjg0FEMylQj8YQ8k8cfSmzxzOp8gh89zwaALQXYqqM4AxTGIyAWwT0

GKAHCo5Spwp6dwTgGgBUiVF4ye4BPA/WsfXbLTVspbmSzSO552Oo2nd7kUWv
oGxzinPcZp5UHgg59q52rPQ23Gsu0dcE+tMZiBkkYoewFWaUkcHg9OaZCoEz
ckkYyTTG9ESsAR0/Otbw8AJJTjHQdOPoap9DJs6ERSxXjW1lIkSnJJK7io46
DNX4YxDHtBLMfvOerGtSB4JHSmPGr4yWBU5Ug4wf8+tAyGKKYsJnm85lyUVk
CAflSIs8zCW7hiRV6Rgl2+pP9MUASpI0zgxBhF/eIxk+gHWl85ftHk4YvjPQ
0ASYI6iigAooAKKACigAooAKKACigAooAKKACjsQRkHgg96AMm98NaNfRlZL
GKKQnImiUI4P1/oeK4jxH4futLm863gkltO5Vdzfjinbm0Ju46oz7dFlVmfc
uOnGKcRj6etJKxMpJsMe4oIG7Ib5setUrohxTYbhngc0hHzAMSaPMbVhWO1s
HH0HeonBcbcZH0pPUEkjjbx8XM0cZ4B5weDVYdQc8dKcbalptbEhbJw3Ue+e
aDn51K8N+PNKwN6gzDORnHTimgEZXp9O1OMXqVF3Q9Y3kkKjAAPX1qe5s9lq
zrneoyD6imrJ+YX6MvuivqmnzYyjp16Dp+laQtrd7lFlxHEWwxx0oqNrUShF
6XMjxDptlFqsq6Q0jWgQFS/BLdT+FYMmSvp7ds0k+ZXYlFp2JoSTANx2gj9K
oyMcEEc54HehJLQb1buIpIHB46EUhGCxbp39BQnd2E73uEhIkz1Ygfligngj
HJ7d/oKdojb6WDDDPfHqeMU8LuT5VJzxjv8AWpXcFbdoUw4VSxA/GnqI1UfO
cAnOBWibepk9XoXdHFmiSfbUDJnCqPvY7V0N1p2jWWl2N/pshudUaTm1I6Do
T7etKFSztYqUZWumZUkum2+s30kzsZ0hBgeP+GU5zn6CuelnmuCfOkOWO5sk
8n1qndq7QoJxWuw5OmDnI9KsWJhW+iN1zCTlgal2jqy1C+x1EWmNBrQfw3qL
QTtCSCH2tjHPT606DVNX8MaRqGn3Nh53ngH7QQWMQxnOeuT1+tJ0lUalB2YK
oorkn95oRPa3sdnGlwkomjxJIq8wMSBkjvjNbXjTwjbaXFpMfh2N31a4uQro
8zETRhSXO0navO3kY61tSnT50p7dTKrCpNNwdmczq1veaPqC2WowLb3EkJmR
A4cbMkdRxnjpWc7/ADYPIwe9clWCpvc7Kc1MjjVpGJVchB09a03kktY1l+Vz
EN5I42Z4pU/huFRe9ZFbVpbrWbK7u7a0b7Ba7VecD5VfAzn8xz71zHnqyLkA
FSa6OWXc5lKDk0iyltDcKm2QeYxwFI5J9B71HPp4XcwHyqduMdD70m+ZXGk0
9Su9mjMMMQOm0etItrGGALflUJ3RbTW5IsECY3Elhz9BW74a02TWNTktrF44
lhiMjyyHAUen1qoauzIktLs565k3zyBWMiq2MjpjNM5Ucj1NLS+mxWvUCDx8
vucUhDkEJ1xxVRkuhLjK50WoWump4M0u8tZ2N+zlJouw5+97Vz8q/MwwRjjG
MUOV1dA4vqMizHdRvtyEGRz3pFG+TL9CSSR3FJO73K5UR3DBoyqDavf3rWEp
it7TeCirECnbI/rRe7YnvoaVvPLfPHGZNgYgLuPX2rT1nRL/AEi2V7mP91IN
6EENkf41UUk3qE2lYqaDqslmk1pKmYSQ2GHQ+1QeKr63u7VIYFCsXBbtwKTl
0Eknqc4GQEMO3QH60gylrOx6FsVN29Smya1hMxSGMZfGSO+M1umzVL+EQgKp
XafQntReUdbkNKWguuXrm1htvmO772DwTWEDtXkZx+gpx1uaS0SsNLEqRgHB
zTzIPMI65xxT5bJkKWo3eQBtzkdeO1OD7dzcnPIH9Kl3bLWqFdy8eD8pzzSq
4Nv5DDBDbtw6/Sqj2I2u7EuFwQRz/Ko3cqnBwR1OO1S4tPQe6uJHM5Zehrr9
Fg82JLmRVDEYAxjinotGS46GyE54brS4AUAdR61N7ohjsHGaQnkDNA/e2Dox
Jo5BAUZ+vWkOwYOSe39aaVyeCcn+9QL1AA/dPJ7UuMHkUxsQjOfSmnnI7elL
qFxpyCc96OvTaaA1EJO08DPt3qxFZF8CSNsnnkZAqZpNGlJ2ZK0BDENzim+T
uA3j/vng1hqdNzD0qOOXXJ5fmkSIbRu7EiupsE3SAhsFvzFdC2M6r943ok2j
DMQ30p2AQQD+INBmDEqg5lHvTQ3GAB646YpMY9TjkcVk67maKGBeskgGB375
oBI6PAiKxjghdox0poBDEjv2qiFsY3iV5ZprbTowS0jfjXaW8ItrWKBekagH
60FdR4PPIwTS0DFxkHjKnr71UYzW74LEoOnGePQ0ARfbo4juYOqMeQEyasQ3
kMrhEkzu+6cEZ9sYoEWKauQc5+bvQMX61h+IdO1PVPLSye2SGM5xK7Ddx7Cm
tA2ML+x9bibElir+8coP86cbbU43Ef8AZlyXPPGCv59K5+WVzRzROND1V4nl
m8m3RRnaW3sfy4rDaVtu0kFuhxVOLtcIyuQIxkl/+vxTtPfzBI+eSxxx2qUV
J6lpvbrW74fAW0kLLkMcldue9PqjORejkka5239rN/aj8r5Bwqrjsx4+uetb
KviFXlOw9CHxnP4VuzNEhGDzRSKGSxRzKBMgcA5wfWgxhvlOdg/hxwfx60AV
5Ennn2W94I4EG11VAWz6ZNTSGYgxw7UIH32Of0oARHWMKsrAzN1AHU1MQR1o
AKKAEIB6iloAKKACigAooAKKACigAooAKKACIDEdDQBT1PT7bUrcx3UQdh9x
xgMp9jXG3/hjVYpM2dtHPCe3mgOPz4qk1azMpxd7oxZIZoJNlxE8UgOCjjBF

MfI4/wAmqasTH3gKgDJxjvTWw2CQMjv6GpuNWEYbjhT+tZWr3/2dTBG2ZSOS
P4KW4PyOXlGG69ecikJHRsYHT0p2tsUmrEqAeVwOO4pCevGRxgf1pqTHdWu1
oJk9MUq/vJMAY5AOe1ToupV76o3LO2UJlgM59KffsqQOgXc2OgFKK97QLX0L
YhiHhm1ukKtOspiK9wPWqd2xEaO/PGSuOtXK1kRCMrtFzVdHNvoUF7c3tu8k
m1o7eN/3ig9Qw7gVxV2/77CggFiPTgUc0XG0WL31JtocHWOONSByOc9vpVWd
THcMP7vIPeqVir3VxijB254xzSLLtUgjj0NRq5E7akqtGwJkXHPalZYwy/eL
4yee/bFXdJ7DcObW4LIh3bVHHQmmly4z04qLtaIFfqJuG7nuDmkVwr4xnjpV
JO4K1yxF8rFhgkjGB2rdk1Gd7KGFIoo2TpKo5P40kwnBPcwtRh8uSKbn51G7
Pfmq0y4nOOhUEe1aJt7k6rQntLa4u7xLSBT50+duR6DrW54v0hbGWG5gjK26
WyiX1Dcc0JWuhyqpJJmFa3EtvMJ4ZNsq8cH1rq9O8bXSQSW+oxpcRSLhyRzi
snFxd0XHlmmpGlZx6Pe30V3ol22n36MDGOAvHGSKX+2pF8VXdtqV00V+jBor
jeWVuOvJ+UewxRNqav1FTi4Oxr+ItdbXNFewv7BBqKcxXEGCMZ5wOoyPeuM1
Oxmsr1Yp9m9xuGw7uKzV5KzNrxWxZ02O4S8QG0mjjEZlBniaMSjHVSw5HuKx
tSmc3lwUl3ISHY9Qfb8KucHFqJCfPdo0pZ4LbwFcQQ3VxHeXVwvmW6n908eR
1/xrnLeFZJdp4UDj/CnFJS5luQ9d2amnb9N1y2vbZT5lvJ5iKRn5gMc/nVXW
r+51HVLy6uEEUl1MJXCDAzjHH5VTbktHoLz6mfukU8ZPPBqInLKCSR69KSjf
UbYpJDAk9fxxU9tcz26yC1ZlaXhiOppcqHdpXIliIUKflAPNSNCCQWkXOO3O
KbikSpNsURxlV3TfU4oES/wPyR09DTVnpexUrrc3dBnl0V7HWZLGO8tFRoHS
UZQt059/es3W7yG8uEkgtBbKSd6r39KJJ9GRHlbu9zOjy07Biceo9O9M3Eqq
ggAdOOKTstRp66kUwBycADFWJL1p7e2hmyxtwQvrtPaok3umWrMv6ND/AGjq
Vtafa1tw0gBduw6nFbni1b3RtTksjei9tlwIpA2SQeeR0yKPcSSb1GpST+HQ
woZ5Z7uPbkkdzVO4dpJiepzzT0T0J5rInstNuL2QeRH369BUQiJ051A+ZX59
D82KvlVtWTrI1fDSIdQmcglgmzitS/Ty7uB/4S/A9qJJJkJFTxDGQ3nbc7GL
EY6g8VhkAMWXms1e+h0O3KhBHg56jtSkrvZuAev1rSUm9DKMVFjRwoGOo/L6
0jZztHQ/pRzW2G4oQk/KqHJAwaemyNj/ABKOST39qX5jvdXJFdhke+foKY7s
yup9uvrS2Ytx6weY6QocO2APYV6Dbw+TCqDGVAFNq61lbV9CdRnORkUjAqfl
AB9KnqFrq488jjj8aNvqT+IpsEru4Hrhcn3NNwcDP6UuhOrY4kAc0mOmeV9M
0h+QSFv4R+Bpm7J4zmq6CAEs2DgDt60jEetLqU7WGk84YnPuKAQDx0oYvMAQ
XXIJ55FasF2nmhY5WjIxjI5+lZTT3RtSa6l6WXzFBuLaOVf70YwT+PrWfdm3
ELvBOUIHCuO/pWLl0Z0JdjH0a3MNvI8hAaVi3Wuo06LgMuQB7V0RVopMwk25
NmkScYPH/AcZoBHyg9B6igB24Hgc+lJk5GRz9KAY7I2ngZ7isyFftniiFCp8
uFNxB9f/AK1CE72OiLM+Su1vrSDbuGccdflxiqEkYujKNS8XtM5YpDyuDwOK
7Zs/e28UAt2AB28ZxS4oKI2iJbMcpjPfjcPyNV1uHjmMV0uz+66jKn/69Aif
KSDJcSKeMDt9KabdJE2SRgFeQx5/H2oGCT7XENwwWU/dPZx61MT6mgApaADJ
xjn8zRk+p/OgDM1u6W20q4eQnOw4B7mvO5JSgOBkkk5z705fwy4DohsieTOd
q5zRpa4tlKjg84z71zpprQqRcKndg9K6TQU2aerk5VicgdOv6092jNnRJFGk
0kqhi8mNxLE8DsB2/Cqb28iytPdOl0pOAixBSPTnPNbCLUamGImRwEHOMfdH
pnvT1YMoZTkHpxigBaKAGyNIEHlqzH/ZIGB+NRW/lBG+zLI3Pz5yMn8f6UAW
Mle/XsTUaR7SWJVmPcLigBzMEALsFycDPeloAKKACigAooAKKACigAooAKKA
CigAooAM0ZOc55oAz9W0ay1dR9rV1kAwJIzgj8+K5bUfCd3ZoGspjdQgEs0m
A4/TmrTvozKUGnzI51nA+VxsIJGDxmmk55zuPbFDTRMWVNRvVtYgqYad+Bjo
PeuYk3M5dzuYnkHuaS0Ba6kE+UIPIGeTiowvHPXPOaSdjRpWJB+8BTnOR17U
pwSMZ9KS1E1rqBPGFHHTFFqC11Ep5GetGyZcUjrY4vkwgB7jinTWgldJG+Vl
HIPGRSi+pMrrQu28Wljw5diQSNeIcxHsOa5K6vHNwVUZAGSffNU5JoqCakaV
ppU154Om8QM28wOVkDN/ADgEf4VxsrGe4+U5BOB+fWqcbK5KndvmY66bdKRH
0XpmmEl48E5cHIPqKNETo3chHUMByO3rSZAc5OffFHM72JSa1HqoAYH/APXT
hjBY9RxTbvozTRCNhiCo/LigrlML949BST0sRy3eg1lwhOQT39cUh4UEcn6U
t+gLzZc06GS51RLe3wZpuFB6E4zz+ArVnSNJo4cfvgSCh7e9OHNqROSbSLXi

rSitrJdwusywKrsq8YGMf1rmWiDKACSNu7P+e9Xze6V9qxtaFr7WWoWsk9tH
M+8RoSMFc8ZzXe+JNObVNCvbW22mZ0Aj7Dggn8KmEnsypwVr2MjUfDul30tv
5P8AojDKvs5zgdu2M1zt/wCFNStMGJBcRqoYlOcA9M1suWpo9zGL9lvsYal0
BYkq2SCOhOOKGmea4aZ3Ly4GSTk9PWs3T1aZ0Rq8y0NjRNbktp1WVsHBCsT0
9vrXWeF9Ig1XUmTVriazkdUks50258wHOMsCD0BxjmoguRtjlHmVkR+MtevL
8vp995Ml5BLIsUsSGPERON20k8sFBPpmuJYK7tACf9o+3+FZ8tp+67jt7vvG
3rul38OnWj/2Ze/ZUTebnyS0WODkkdBznJwK55VYoXTaRn1yK6ZUpQ1OSnWj
K8bMlhvZoZjJ1OOtWzqkE6KLiFRk/fUAVjs9Dpkl1GG0tZhmCUKc5wTiqsul
XCKCo3J1yabaYJNblWSPyxypyOACKC5DErhcn8jTuugoxvrcjVjtwR83cj1p
MsUwPvdOKT7lOzBeAOOAOmetOyMqRwe9RqK7ZtQavcnwq2kHYbZpRJ053Zye
axFDM6puJBfDU7u4042sOC+VI4I4BwaURhm/u4OSKlvuCim9BvkZXAZc5qHZ
/pDBQSQOgqr2eqB2Ssh8ECHUYI5GKxO43NjkVoWy/atdeJpWlhUkg5+8O1TJ
KT1BTbXkTSWLi7mCMI4D93np/wDXqzaw2lgjtIqvu6FuvvVqXLsQ4KW5HNq/
lofsydcjpgDPt61W03YLW4UspbAABPWnBcz0KbUY2ZpeG0IgnkOMPLwcY7Ue
LbvyVtI4c+bG+8464FKTWwRjd8xe1hRe2nnR8LLHuHoD/kVzdsqFoyehoTa0
BLqy/LbpIcIBkA8AVktGylg3JBPPtRKXMkiI9hpy0hHcYwKM53MR3xU7blX7
g4Cngrj2pM7G6dOKXM3sKT1BzlCF5OeTmnooDKOrHjnvWl3bQe2rRs+HbcXF
61wy/LHwufXFdfHjHB/Ci7SIaV+ZDySemfzpwGW5Iz9alMb1Qm3DZB/AU7O7
OBj1AoexMbXEYfLwTn360biRl+fpSKuKcY5/Wg4Bz/SnuITJKnGPwqNhyOmR
6cmgTYD6c+9HUEqfyoVx3sN2jPPek4AORn1NA15gOnLcdu1JuyMHP9aXkLWx
Kk80edsjAHgCqGrai5CW6xgvIwGewrP2ab0N41LbmzaRqNgKngYxjFb9mgVM
8qTwAegqxaPUs8AYJB9KXAxwuD/sn+dSMaAOoHH5mnAP3LEew4oAZI2B83IH
PTFVfDUcrzX14ELhm2AD2p9RPY2xIARnCsegY4P4etV9UuDaaZNKcZxgD3qh
Im8HWf2XSHuJFHmTnOe+PStSG4RpGYzMpPGzbQCJ5GiQbpRk/jz/AEp6EFMq
uBQULTJEZhlGw3fPQ/59aAKjPEsm1pjE/oy8H8RU6ebIgaCYEdMoAf50CJWD
OmGVH/2W6UodSpZDkDg+ooGLuA+9x+tGR/e/Q0AFH60AY3iHT4p9Eui7kTbC
VYtx9K83jYTzbQchT19wTRON6ZcHa5bvWMWnydiw2ggcCrWmJ/o+COnrWNtE
DZZeI9lP410mnLtsIwBg889qp2uiGb9Gf85rQCK5hMyriQqUO4Ad6W3eedd8
kaRg9FDbiffPagBySJIT5ZZgDjO04p1ABmlyT1NAEOdrFnjzKfuqDnI9j/jU
kbb4lk3cN0yOlAEUdvHFO84G6V/vPjDH8an5xQAlFABRQAUUAFFABRQAUUAF
FABRQAUUAFFABR1GCMjuKAKkul6bMG87TrWTcMHzIVbP5iuS8ReFpLZ1m8PQ
RRxODvgwSA3UbQOmfyGKuL1szKUbK8TzfVLa+s7kjU7e4t5XPDSxMFI9jjFU
i2/KgqSOmTVOLfoEZR2Ip+FYgZIHf1qsSAxyORjtUco7tMfHlWP8WV6jpTlA
6d/yzTaiTZt6jSeQOSexHH50qlkYOvX0NJ2T1HCb5rWNGy1O6VwpmJx0z0Fd
RpcEepMyz3aoxGAzHis7WR0WcmWZfCWqSNJ/ZbR3SAc7JQufTrxWVc+EtWj2
Ga02SSkIq92PpVwtKJlJuD1MfVxc6MtxpNyAjRkGRVfd15AOOK5m2G66Z8Y8
s9ulXy2M5yT1HHPmMeOD+dRsSkqMo54470PXUlX6CsV3Bk6HtTMDccdD7UOL
vdl7CqepOcdKVgGxjj2qUrMpa7jUzuB6A/pUg3MCcAAevWm4J6lXsxhXd9Mf
nUtrbTXUoFuhYsep6D604pvUm6fQ7PRNBtLKxOqFne4tizsQcbB0zVltZ025
8IXkbaPI2pTOJEmiTOOQAS3UcfzqlUlukZOnFq02Kg0+98P3UDF0do9sqryz
AHsK5ez0l4dYj06R0MckZeCXsw64+oqVZrUuxmT28ltevDKjBonz8wxz2Ndf
pPiTyNBjkunDzCR1IJ+8DwDSdua6Lu3CxzOnavf2iARyZTJOx+RyeldNpPi5
lyTMDG8m3cDyOOn0os0rj5VNWL9xDpuq6bFFshWXeFeVeDtLc4rI1Xwj5Iln
0+4EkXmERx/xbR6n1reNRT0ZzcjpPQ5q/srmzfF3byRN1+ZSB+ddTpXiqc6c
beRUkliIZS46/wD6qwqU5Rd0zanVhNeZg3+qT3Vzdajcybp5vvMeenFbPh7T
ESz8/UV2rcj5sjkJ/TpURXK7op3Z1vhf4n2drBHp+swSxwwt5cN3GAVEQ4Bd
c5yOBkA568V0kug+DfGNs9zYpavIxJNxYsI5QfVgOp/3wfpSVZqo09/zN62F
Thzx1X5HBeJ/htqumW81zp8q6hZxoWYAbZwBk/d6Nj2IJ9K4WO2aXbIu1otp

KnPPUjP6V1vlnC6PNUnCfJLfoMYLH8pfleCBVmDUpYFwTuB7VlaKWp0RnLqX
4NQtZ0KXEKnjkkYpz6fZXLK0UgQf3e3/AOuoUrPUpxurx0IZdIkQZiQSKTxg
9KzZIxGwDRNn19PerVrEOMumgm233YbeD3z0qPyEc4875ie/ephvqgaa6khS
TyNgIIzuODTYQwu4lZM7Wzg+vvTlEcZKWiRIqecZ5AD5akFjjI+n1qsrFlLK
cZocL6lcyWgPhc7evU59aksrWSdSyDGSGz0xSauTK3cffWRtnRS2W27uTVzw
1GHuJpRnaqjJz168VFtSorTUhuL+V7l8ZCh6iedusiBh2NVdbIT80MmlhMEs
kXDKVJw33TkV6Umk6ZZ/Am0lvIhEZZ4ZZrpIwZYw06gsD1JCcCo9pUou1rJp
3/AU6cKyV9TLlg0zSL2a102++26eqCWOckEknJKkgAEjj8643UZHvLySeT+N
h14xVpxaUi4rlVjodKkN14fCscGCQj8znmufdJIpZEPJDEgegp9Q5tSzDctE
cg5JIBzUNwysS8WQSNp56GlpG6B90isSM5wcc80mCUBY4B64pvXQFdDduXOO
+OppSpCEDIx0Y/1oVkzOOr0RLshW3Vy2JNxAWhVwVI+8T+RoSszRuyuzttLs
/sunQoq8n5j6kk1oRYI6fjUmdyUHrgCkID5xjj0OKW2w3roBwMYOMetP5/vc
+oqiGtRD15pMkEHqKWgPRC5zyMZpMHqe1PQHqNwcc4BpMDrkn8KNAtZ3DkdS
D9KjHJOcj6UINtWLu5wSMnsaGYgHGT7dqVh82o0nPOACKb1IO0Hv1osha9Ak
ywXHTPNZMSi98SKBykAO4fUcfjQh6rU661Tc4yDx0rdi+VQBjGKlmsUS456A
/WmnJyADS2KAD5c5yaXPqRigCtqM/k2M75wQv15q5oNu1todurFQzgs2T1ya
FuKWxeZVIw6KwPtk1g+If3t1a6dA0n7xvmUnPHtVCR1lxstbKK2Q7MKBgcYp
tgjO5IIAA6ZDUwLkTMpYMyk9QFXBApjOFbcyMT/eHNIomX5hwM0oBJ4oAGw4
KEhvUEZqmUkjf/V+U/Z0Hy/iKAIzd3MJxcMu09G2YpovBneXSQjuuASPSgVy
SO8tJlPlXG0j+A4yP/rVYQttBbDZ9OlAXJR06Ypkkqxjc+VHr2oGV53t7i3k
j+1Rr5ilc8VwVz4f/sS6Ci6FwkgLbsY5JJwMcd6eri4oE7Mo6wStrDEMAu5z
x1xV/TwAgPP1FZNaIbLzINhy2T6Z5roLZUS3TcQDj86dtSTZoqxhUVzALmMx
ySOsbfeVDgn8etAEMUVzFi1gKJboPllY7nA9Nv8AWppJliZYzvkfqcDGB/nt
QIl7AjkHoaKBigkd6gW3IneWR1kLdAFxj9aAJhnHIx9KaPnYMHOzsoGPxPeg
BwII4J/Cg5ycj8c0AFFABRQAUUAFFABRQAUUAFFABRQAUUAFFABShiBwaAK+
oWkOpafPZ3ahopkKnIBxkdRnvXLeJfCdt/whraboOkRy3KlfLfKI4IOS5Y4y
TzVxm47Gc4KR5Xqml6ppak6pps8ALHDuvyE5JxuHGcVlMNr4xlq0s1qZKd76
D1bAAwceoqRxtPHOOOORUJLY2v1I8YAwATjGfWhu+08mj1REX0IgpQq+cADA
NX7O8mjlLB87uNrGiTT2NYTa0Z2mgeMLzSLORFtobnzAPvy7DGQOp4O4e3H6
1gavr2o3dx5+oahJNJ/Asf7tEPT5RnisIQkpavQ1nKLV4rU5e7meZneRixZt
zFjy31PrUVsuyFicbya3aUXY5t9xGxgZHQ4HuabNkyqcgEjuKqLJfRXEhG5t
gC89KQkbjvPPQ4/wqO9zW6EQEgJgByc9aRmJXjk0476mTfLdWJNoIyMHPQno
KbuK89fQ0XTdi9Grk+nWj3+rWVlGwiSaURvIRwi9SfyzXb6jpVnY+JbfS7G+
P9lomZpzjggEkAjt0qudJWYuWWj6HN+IrzN9PDZSubY4BCkgEDpx3p9hfXaa
VPHBIYw/G0dhnqayemqHy30ZBZO1n4oizKwiGNxJx2/lWhrVtbzeOI4bS5zZ
yx5WROPLfHOKtWcrMp80VzInv9HknnuLJZftGo24DIQp/fIfr3Fc8LIGEsjl
VU7GRhhlIPQ1dk4mEW1IaY1SBxtDSHBUg8Zqm4OQQMHrVJK2prZXuTwzzRSh
45GjZehzWxZeJJ4VxLkjGMr1Ge9YONnoaOzWpp+JtXTxHoK2yNtuUlV0zxnA
xz61yJEkEzAgxtkggjB/Ctbpwt2Obk5JtjICrSojqDHu3EY7Dmuz1/WmbTBa
CJBIyZQLwVBrKUXa6OiPvK5yUaMuDu5Axk1btZ3tJPPtrma3nX/lrBK0ZwRg
8qR24pSpxnHlkFOvOjO8djo4viR4nt7Frf7ZBcBk2rNLb/vUHrkMAT7kH1rG
t7+2ayjjkUB0jwpXjp60oKUXr02LrTpTV4RsY0q+ZK0nOGOSM9BUYBOHCghh
wO1XJtasx919BoJ8v7ufenpLIoHlswySMk9KdrRux3d7WLsOoXETMUJzt71c
OoRSw7bmIPk9uDRa6uhptuzHW2mW2oP/AKNLGsjdnbbzTdW8N61prj7Rpdwq
MQFmC5jPp8w6fjitEnNb2Mak1S13Mm5hmsbuSGddsinaRnOfcVY04oLlmlBZ
SPxHHJqNYvuUnzxuOimIhubOMlI5z8/v3qxb2MjwjzFQAZwQeDSjvdlPVWsM
u44Y7YgFTITwgH86gtrtreLZEMEfqT/Sp5uhPs1dMp3M8lxcOX6AVsaBmDS7
udV6thSeenFKxc5cvQyQMRgqc5J5+ppXjeXMSEJvBXJq7LuXeNtTqvHdzb6j

4dsZU02C3vYo/KZrdNoKArgH8uPqa6/4o79L+Dmk2JXLM1tA56crGWJ/NK7s
O1VkoTd23+FjhdNQaVJaW/U4fXCtppNrYpjzWJYsO3zZ/WsN1GAQc5OTnrXB
fld0dShpqbPhaT9/d2r4UzLvHpVDU4tt5leCy96TkwlBMrv90HPSkwSHBHz9
hRo0F7pIgGUUenHWl7jHUd6bd9UD2sJjB+U8UrYZAozj0pJXQ1aOgO+7JBzn
g8Vf0S2N1qCZGFj+Y89frVQWjFVtbU7wKMfKD/OmvuVSVG7j7o71G+hOyuxy
bioMmFz1Gc4pzuqYJHB7ijYFZ6oRJN0jZHTtUhAODnjvjtSFbW4D5RxQOc45
qrANz1B/T+dIQc4PAPIzRYm/UQ7uD0/Gk79Bx0o32BIRhuPOD7etNJwx3YAF
GodRScryMjtTC3cnIPpS0B+Q1T3HB6UZIPX+tBV1uMmkVYWeTgAdc1X8NQfL
PducF244xx0p6lR11Otso92zAzjv2xWtlVUbAM9/T8KzNBeMDBA9qaxzkHk/
XFG4ChgQAcY9utPUBRwgx7ilqMxtdYSmC0X78z4P0rqSiqqIGUbAB0poUug5
AN3LDHX2NYejg6h4mku8AxRnr2GOKYuh1slvBOxeQNvIxnPP4VF5MVsigvgD
+IjmmOxO2SqlOnVe4/8ArUjxyyDnKn6jn9aBjJopnVFSQRSL91yAw/Kmxw6i
VZLya1lU9hGR/WgQw6exGEmS3HdYY8Z/Wp7W1Nv1up5T/ttxQBNtjYkEAk9j
k1HJawNkm3jc+hGKBlK4tLZTltNmH+1EQT/OqyyGElrXzVUHBDLn8CKZOxOm
tRRNsvIni/2lT5frVxNQtZBm3uY5PYMKLDuNLru3i1i3d2Pf6cVzHiSbdeRx
pkBRnGOOQaqG41uclqUgm1SJVYFY149uK2dPbCcHkc8isZ30GzQByvHJ+ldD
EoWIBfmAFPqSalFUMKKAAnIxkgexxVf7NbW5aSJBHI55YkncT680ANhiNijL
JM9w8rEqMBfwFWgDtyVwe4znFABRQAYBIz2oO4tndx6Y60AI24kDBKn7xz+l
MCCNRDBiPHoM4/A0ASdB1yffvS4OM44oASigAooAKKACigAooAKKACigAooA
KKACigAooAgvrO31GyltL6JZYJQQQwzj3HvXm/iH4aTRRmfQ5vPKAnyHIUnr
xnvWkJJaS2MasZNXjucppPhnUb++lsRA9nexrv8AKulK7uTjt0+lJ4u8P3/h
1YLm6tjFayYRnQ71V/c9ga1jHWyepg5OybWhhhpBgMAOelJuAJ35wOnuaye9
mb8qWom4OhOB1z9RS5KkHHQZ/CjyB33Q/wA6TopwAOc9vb61ExL48wnC9+v/
AOui1kVGTILgHyyMdR+dOVT9mBJH3wCaWg99ENVCzdTkHA9/ei65KkYAxtY+
/rQu5nJO9itkIUHTv9Ke67ZiduQR/n8arzYddERHd0HORyc807auFYH8PWh6
LQ0S5hXDDjHI6VYtrV5trOQkeck+o9qSV9SJNxdrHSaCPKnuJraARxW8Zkkl
fuB2qnq+rW99evJZ+YtsUGFf7xPely9S91uRaXoc2qPHNZBpIoXDzhgeB1rq
rrw4ZriWWyubWOJV3SLK4GPbFOyVlcz1bdkZ+vaLDeCK5spcpZxbZnQA7u+R
XOXU0NnPA1oDsiJYkcu2aHK5Ubp6nRavPdw22meJLCU/aIJfLk9MHgYrZl0m
38e6bNrWhNBp+pW3y3Vs6YSY4yMtn5cjPOD704zUWnLZilFyg3Bao4WKNmMX
2qJoWk/gYYxycEfgKoPC4Bzyyng+tVJq7sKjeSu9G+gxxyOMAc0NtVQ38WMr
j61PM3ojVxEVj/tAjkYPWpEJnnXzZAFzyztjHuTVKGpLmorU0tCsoLme5uJJ
k+zwfLuDfebrxVPUbzz7yR0GDtAVj6DoKHFqXKJT+aKxy6ll+53HfNOXGQBg
Y61Mrijq72GMd2cHB9/WkEZXBbqehBpO8XYfRsQggFe/FIinnHB60PUUeyHo
pxuY4z6jqKX5EPyAkc4JFNR1sU227ibiQB2HpUJzg5bkcD3NO1hN31HI0iMS
jd+ue/rXRWHjHXLG1+yrfvLa4w0co3ce2fWspK7ua05xs4yRi6xeNfaj9oYA
DZjA4qS05jZ2GARjHerjKy3M5W6Irl2WUjg9z6YqRr2WSPylb5fQGm0rbji7
uxCjtMgZyTtOFJ7UqFgM8Z6Y/rUNXQnLoVd2HbPC7uR6VvxZh8LFl4d+fYnP
FVCPUipOysZYwdnHGc+tXdJsLnU78x2MDTtCN7oOy0+VuQ3ZamrpVm91q6w3
/mLbl9hVv4XypBNd98eN8nhXTreNCQ15vJHYLG4/9moc1h6kaq6DpPnkzzvx
MkK6jB9muBcK8e52H8DDtWSVO4M5AJzj0xSfLuhvm6on0y4+z6nA5Hy7+fcE
VpeIodrlgAFDZ468+/pUpFpamQpJYkjgDAp7bQrNngkA49abdtCZNFQ5KEgA
46+gNN58wMF5HbFN+QtExG64x25xTwDwc9v8/jVJpK4c13sPCAAKSOuTz1rr
fDdkYLEysDvlO7nqKm99hOL6s3FBbnv6U4Dk/dx29RUbClZqwAcYyc0rKHwG
G5R2NO+tybNaAoC8KuPxpSQOmfwFDHYb82Ru5HvS5BB9D1pMLWYgO5iQfb0z
7UY7nC+1D2EtBrfd4NNHsQaEw66gTt6Yz6A00ZbIA6d6e4bPQXkEDoPTvUbD
JHv0qfMb1ALkH06GjGPr34wTTHYyvEEpSxMQY5lO0Y47j9a3dOtjbWMMB4Kg
ZOOaSaK12OisYR5efyq/tYMMduzDk0i0hWHPKEfoKZ/F2/CkMCPmww4p4wF6

YHfnOKAMOwK3/i4sfmitxwexOK64nLbsAn2ojtcUl7xU1WdbbS55SzDK4HGB
mq3he6tbLStlwJFmkYlnCZHXim3YLXOltjFMm+3lWRe+DnH+FWA2046Uxhkj
2zSDPdt34YoAQlSShPJHI5FJ5bLwjgDsrLmgB3IHzdfpRQA2Tp2I7hhmlTDI
GTBU+lADskDgmo5cEhycMvX3HpQBGCoXDENGeRwP0qtLbWavlbVeeTtFAh8T
RtLthjYBfvA9q469lFxfySHnJA9hgmrWiY46nKo3mahI/PBx9a6Ow6KM8fpW
ErqRT1VjRiXdKq8jn04NdGFHXHHYDoKrqQaNFUMKKACjNAEb28Mj73T5+zZ5
FMUBR9ouJJNyg8N8oUemB1/WgCQNIY/MIAG3Jj7f99U/OQCP1oAKKADtjP44
ppLxxYRfMYds7QaAHAnblsA9+agiEUoF0wy65GT/AAUASxyCWMOv3W6d8j1p
1ABRQAUUAFFABRQAUUAFFABRQAUUAFFABRQAUdOlAA/7xCjFgCMZU4I+hrIv
NDa/0q502/vTc2kyFV82MM689Se+KafK7kyjzKx5Bqfhu8stRmtEt5Jljm8q
OTYcvnnPT3qze+ArrTdMN5qN5bwEkbIt3zt7AetdOl7t7nJJy0SRkap4ems9
Oa9glE8UY/eBf4fc1hLK65ByVY9/5fnUSgrXRpGcpO21ifzFZm/gLc49KbsI
bOc46UoPlVjWUV3IZwfK4H0/xpetpgbuSM8ZoT1tEzle2pLbjE6Nwcdabeqq
kkZCjJH1pbMVtEU9pLemRUpGYcddp5x19qT1NI3tqRp949h34qaJc7doGT09
KJXT0HGStdFmOFDKFAJAPzkj7tb3h/Q7jWpNu5bewjX57iU7Rj/GmttSJtkX
ibVrF2OnaAjxWUaeU8oPM59foK5ogg4CjHYYwRRESsjY0PxBf6JDcRWMhCzr
hgRnPGKoG7uGL/O3zgZBbg+9ZqKvubzqqyaRImp3cVvNBFJtjlGJMHGQKoDd
5uAcse3rTUbhzJmnHfvbxR2sjeZCDudGPyjHaluLWUxSzae8v2ZvnkiDsOff
B5FJwi9GS5yjLmSNHTr86iggniWYqAVGOenQelUJYIJppWtJQGTIeNzgg5xi
tedxWpCjaTl1KVxGyqu6IkL0OOKgxyCuWXpnPSk9XcqTT2GqBuCnqeM12Hw3
0VtT8UedDHbzDTlEsqXH3H3DAUD8Cd3IBA45p6/zWMqq9pBxcLrr0M3xheaZ
c+ILm60eMwCWXM8CqoRNq7MjbwSWBJIrFlDM+So3ZxWNPmTcqju77+RcacKc
FThouwAYjYdlOaMKB/Oru9Gh2SWhAG+Yk9O9OYkYDdR19h2qp7hG9hp5PU+1
Ipx8zdM4A9aW6FJ3fukpLHG4cD9KXMIkA2liOozRHQud2tRPMXcR5Q69qPNj
JG6Ede3WndsjROw4rCwOwsDmkaEtkIQ3HrQnFjs1rYi8rIkM2UfaCuemfep7
C3uLiOYQA5jXLZ5pKKk7Im76lRg4lZWBBB5pzERwkgfNwPwpNGkUnoTlfKtF
RuHbDfhTAmDtY44LfSldWLaUWU2B2lUPLcj1rpdUVYtBt4ckbiPqO5pp32MJ
xvIySNrgHrWp4c1m+8O6iLjT3USyYjKuMhhnp+tFl0NHa12eo+DbA3+sNe3k
aPufzW+X5d+3/wCtTPjFOr2NpablWQpJKrE9gOamrHmXKyaO/MkePRvySuQj
E4pRnbjkjr9Kqw25N2I5yyWryocFBuBP1rufFWmtD4e0zUiENveW6nIbOGwC
BVO3IF5RkotHG8F3UjnNDO5bPBAPOBih6oE0roacKpZOhGdp703aMjBwG6Ec
celZvR3H2ZHj5+AeelPBwu0469acmgs3qT2tqb26SHkEn+XNd+gWNVjRNoUY
4q2/dSIl8RNGdpBX5T7Ud8kD8az3YXSQ44J5/I9aTByVzyOfemxJgc9+lN3E
duKQX7i59OAfWkIwex/lQxWYbcYHU0gzk5xg/nR6jd+gEkmm9SRijce2jGNw
MnJpQcLx06809ybtMYxyD254xTc8gc4J6Z4pFCqpUEYzjrzSEkgHGAOoHpS3
YepkvGuoeIYohkrB87AfSuut13NycH064plWXQ3rZCsSnawHqOn4VKW5wagt
ByerH6etMwAcncPoaAEAycnB9sU6VzDC0jJlcdTmjYZn+C4/lu7yQH962FIG
ccmukATdnIJx2HNNKwr3bMPxLIbia1sVPVtzjplaeGCJtHAHasqj1NY7AshR
/MhkaN/VTitO31+eJcXsQlj/AL8fB/I0oztowcbmlZX8F4T9mmDtjJicBXH+
NLd6h9ikPn2sgtwMmcfMo/Ac1uZk1vcW9yhktpEmXuyNkj8KkKnYQmCewZaA
GqwX5SePU0srmKBpQpkCjOF6mgCONyq7mZWduxYD+lAjYyGSMJk9T1JoAm+t
HToaAIyCjEKOG6c8e9RTuRCdow2OCDk5oAgn/wBD0iaVyfM25ZmGD14+hrhJ
XKRu3A25OfTk81f2WCsc/aYMxIOQxyK6OybCcZFYzV5FX0NWwPmXkanHX6Ac
V0RHPzBvqP8APNNbkHN23ibWbdh9rit7yMDnYnluf1I/Stiy8VabOoF4TYyn
ospyD+I4rtlRjNXp/cRGT6m7GyyxrJE6yIwyGQ5BpenWuRq25oJRQAUuTnOe
aAIJrUXL4mMvlqQVCtgE/hzUc92jO0UV3HHIhwxAyR7dKALEcqSrlGB9cdqd
QAUUAAB3ZDcem2qyzGW8OYcQrwJT/Ee3v60AWicnNM3qJVj53MMjA4oAf060
lABRQAUUAFFABRQAUUAFFABRQAUUAFFABRQAUUAB2llZkVmXoxHIrnvEPg/S

fEE8U935sMsb7naE48wY+6cg8fSqjJxdyZRTOe+IB0Wz8CXWkafbTCRwDGlv
A3DDnc7Y6euTXlRjVw4X5vmPQ571tzSdM53FKpciltypG3uP1qNHKvjNZ8yk
h2dxLiVXj2kbSCPYVKDi3G7Prjpn6U1aJpd9dhu3axJ6HA49qSZy0JyuFB4J
oSvqLRasr7SpUDksOpPT3NPVM5PTvinz2ZbslZIXYApB+8TnmlUOA0cQYsw2
rjruPT/9dK/MrmN/e2OuvNLsrOTTLaVpYwBm5XruOPWovFHiKO6g/svTf9H0
2L+FOsh9Se9TfbQ1Sucuodid5+b0xjFRjn5iMjB/KqVr6Gb0VxxUliRnkU5E
P8I6HrR01Yk9LpEUgLKdoOTzjt1qWRlgcEfM2M7u6+1O9nZCXvb7EKgsg4yr
E78emetX9Ovp7BhMuCqkgqehHpUpXV76lrextaXFZJrMWp6fKI1HLxOejY+9
UXivR3h1B7+DEqXQDuUPIOOapSUtCZQlHUwY55CjIhOG+96UMCiknacjgCla
xUSHazOuQDz81TRzXFlOzW08sEv3WeKQoxHpkHkexpSSaKhUknoiCNFC7FHy
qMAA9qmkzGqow+bHenGHLFIWt7sauBFIeSrDB9xTWOTkdCcf4UXtYfLZMi2g
xsV4GcUpGce/eqvJAmrMBygJHCngd6Qj5+Dkk8ZqUmmJdwJJzg5OOBQQBzk5
J6VV02O7tdjQrbsnk9fwp5C7TkUpNJkX7odgYHJOT1puPm+XjNRzb2Lu+o9Z
CrldxK4GQeTW34dkBW6Hl4woA9D7/WnvsUt7sz9Qt1i1JklyjlQ+3255qiwQ
3A2Z2Ac5qWtbMbs9UOUs5O9uBwPpTWYrA/ODmqdiI3e5WhjMkiIo4LAZ9Oa6
TXnBaGJeijn68VJPN7xljBUEnAB4rZ8J2LXN4bmRdyxnChhnJ9K0TXQuesdD
2vwrbCCF5WJCqvJzxjFeN+P9e/4SDxc88LFrS0HlQ9uoO4/nWcm3JF0Xyq5z
gwHIHT/CpAoye5BH41dmib9RHUEBTnBHPp1rVGrXM3hpNLlG+3hk3RqTnbz/
ACqd3ccW95GcAcE4wSepPanOgK8DB/ix3FSrX1IcbXaISu52APHTgdKiY5YA
A+1VdNpDcnbuOx8uCcEngH0pApIOQOeuadkhLmkjpvC1tlmmwDxhc+vrXSKA
QDnIqZKwldkmPc496UDsaWguoL16U7GRycD60xbMbjB4/HHWjIz939aQ3ruN
IO7qM56UgBIPJHt3o6h0EwQQdwx046ikyQuGOfwp3RGqBidpz6flTRjHUikV
vYR8AEH9KQnA5+mM0tindgdpxg80xuSBkgigQDGTg/Xmo2dI0ZieAO9OwrqR
U8MRF7q6umH3yBk9cf4V2Wm28hTesRck89+KTNI6bmshkAwUYEfw7cYpVJHU
c+4pGgoQ9EBwO5po4J+7n9aQDV2njHPrVDXLj7Ppc20kkjGPSn6iW5p+G7Y2
vh+3Q8OQSxxnv2rSUAMC+SvU444piucw8pn1C5uycgnYmeeBkUC5OeRx3/8A
r1zSd2zeOw8Sg98j0zUgc44x/Ko1voUSxXAgmWQKd6Hggcj6VtHXZkhVlto5
1A+Z1mC4+oIreErKzInGxB5+iX8ivNmxuj91w/lnPsw4P41bC6taEsTHqFrj
lydr49fStU7mTVizZanbXjmKNisoGTG2Qac9ihKsrlHU5DKMH6HnmgNx8UMI
JYZZz1Y9c0C4WSRkkUqBxyOtAybgDgcUZGcY5oAZIfl5x+IqADzHJ34A9M80
CK2qxJLalLiRhG2dwU8n8a891VwltMqNkFiAT1xmtErxBbmZaDMmRwfSugsh
iMZ/H2rCUtS7djZ0lA16C/KgdB1//VW8P9nn03cULck5YzxSfK6DPfFQzQoy
na4I9K7UuXVHK73KcET2sm60le2k9YnI/MZxWzb+ItWs1xcImoqcYJIhYfiA
Qe/ark41Pj+80jKxsWninSplQXU32Odv+WUvP6jitxcMgZCGVhkMpyCK5p03
Dc1uFFZjEZVYYYZFR3DBVRvJLkHAIH3RQA24uoIZFjeTEr/dUDJNT4IHzNnH
VjxQAUUAJ2pojURCNcrH6A9qAELsZPLQAcZLbskfhTpE8yIo3Q0AKqhVAHQU
tABRQAUUAFFABRQAUUAFFABRQAUUAFFABRQAUUAFFABn5duBt9O1cP4o+Htn
qObrQ1g0++ySy7cRS5z1A6HJ6gfhVwnyvyMqlNTXmeW6hZXenXj22oQGKdMg
56E89D3HHWqDxBtxA6cGtHHlemxhB31e5UZP36IOQW9KnuGKvsHBU4P1pNW1
LTvoK0kccCMqkyHnHYVX2y3UqjBKj8xUpmklsSSW7RBC3XPGDS26FiwIXgEn
/CnvoZruRgGWZFC5YnH09q6WG2jsyJiAZgcjPYUr8sdCrXdynqeoS3d+JDIW
ZvvHPQAVjsu9i3B57VMbJXKbakL8wYkLkE5zT0UMxCrg1ovITWlx/l9A2MDq
ScYqywVV24DEY6d6SsTJ8y0K5UKFGw9ePaopRgsVjAVj9aOe+grJIhMjsuAC
gY9B3ppGwFe2emcjNDTjIlXuTRzRqyu4bA+9t710tndtKvlSHCkDaOuBTtaV
zfeFmVdV07IMlphe5UDGaw7G0ub2OeWOP5Ldh5gPDZrTfU5fh0RZ0G0S71lb
e4BUFPmKjr3x9ah1eFINRdEO5Bzuz3rNy1Zra0kyxotot5qMcLZVWBLEfwgU
zWYkt9SaBGLIgxnpn0pLfcqzmiijMgVuN/3qMAsQQMHnGaUu6D4dxGOVG3tj
j2pWTbgg5Lc7R2p3dtS372wEMoyAD9aj54YnkjoaH+IKIBSOXPAxinsuOf4s

80O17lRV00AOHLZ5YdKRFyec4647UW3bI5Rf4WII3fw+1Dchfkxz0pco3doT
BLDvzgeprZ8MESTXcf3TgZOalrsw5ne1iDxNcyXGvC4kH3bdIvwArMijKnDd
Cc1tKUbK4lCzHj5H5UH3qKUbYWyOSRg/jUTs0mmNJplzR7cS6ykGRswH/LpV
jWHDXshz93nr1zU27GbvzalQRF+gOR7/AIV3fhZrGGKO2klWJ8DduOAarmsO
3M9Dr/G2sDw14QKWUrC8uQFhIYHj1B9K8SiQBSAWwCRyevJ5/Ws/ilozoXuU
9txyjggZHP4ipeAeoHqap3asZRTvcjbb5Q4xxnk5P406G4EKMB8wPQGhb2sO
9xfOyqhlOM8+v/66akv7s7W2sR973p8rW499h5YFy4HBHOP5VHMQZTsA29ue
QKLO6QmkrsYwGAe3bmnxoXeNIhl34HsaLtMT0Wh3mnWy29nHHjoOoFWweR/+
qpbuzOOiJD064+lAXn72aV9LDtccq9/0pNvJ5ximCSaEz2Uk4pD0J5x7dqQu
uoDoQw4P40nyhQRwKOo1tcaMdvwpCTu4XGRjINPbcTYhIJx196QtuOPz4otc
S0Gnk9se9NZe5zRtuGkhm05+TGO1O69aegmhvAOAeOvXis/WpxHYSFmC5GM5
6fWk7lpqL0NfQ7XydMhiYfORnpXX2MbQomDggdc4FRctWepopc+Y2JwxI/iH
U05rdZR8jqfQHqKDQryW0q5BJwOuOtQsFUgfMp9xyaBC5ToQF74z1rO1TbLA
yMNwchIx6mpYzoxGIY44kTlFA69D9Kg1GRrfTpZEkBdhtXB71RKMDy0itljQ
YwOc+tU2J4wCawcjoWgm8g8Vlyw6ZHbmoWmpW5Ms2evNSqwJyvJ9qLh1I52
DAoQGU9RinWl5d6eQbK5ZVP/ACykO9D+B6U1NxYOKZt2viW2aRTqtt9nlA4m
X5kH17j9a3YJ1nh8y3kjmTs0JB/SuiMlJXRhKLiPWUM207QR/tcj8MU8yANt
3/NjOOaoQgYH1B9DSN1BA/HFAEUjjOBn8B1qUBVQLuPHpQBgeI7kRW7KuVZg
V9O1cDrDkeUnHfIH9a3WkEJdyvZjk9fqK6GyGE5rj1crFG5oyg3DnJyAOa2i
xYc81aQjMn8PTgnyWjlHbLbT+WP61kT2YhlZW3xv/EGBrRSaIcRPssmCV5Hr
j+lMK4xnj61rzJmNmtBpCuuGCsvvSWqy2MhksbiSInk7WJQ/UE4NaKVtHsOM
mbFt4nuYUAvrYTr3lQhD+Xf8K2rHWtOv3WOCfbM3SOQFWrOdLrE1UkzQKsO1
JkjpWBYoYgYFQKPMZhcRjKn5dxyMevFAEiOJASrbgDjpilDK2drAkHB9qAHY
OKSgAycY7UoGTQAlFABRQAUUAFFABRQAUUAFFABRQAUUAFFABRQAUUAFFABR
QBn6xomma3bmHVLOOcYwHxh1+jda5XWPAEZ0trXRinOSzSthz7Zx+tawqOOj
2MKlFSfMtzg5/Bmv6dFPeXenERRMSDGyucDvgHP6VzTlJmJToevrkH/61aSp
prmgzFVHzcslYQKoA3HOOw6U9ZAMKgAJOP8A69ZvTY3au0zem0i3HhmO8E8g
u3kK7MfJt/vA1g2SEW91J/ABt+pz/niktYoXK4yZcitRa2+Gx5pAJPUim3F2
7goT8oGMjrim1fREpyi9ClEC+8uByeo7075AwUJ83A55zQ9C5Re5MoRYichT
/d9aiBBbGWCsOcU020JKyaFcqz/MCcjB54pFcqA6cjGfepTaeuwlyjiC69cN
9ahZZFAPfqB70K13cq94rQAwjLArngbeO560iwHHzkBfUnrVyfUhKw1dsaYC
jB7/AOFWbCUnKM+HPKnuOelTKSexpFOO50NpP9oTDdRxz3p1i9uPFUdoGEb3
cZV8dMgcfj1qeawct22ZVhCbLxz9nIbKuYzt5wNuc1Frlp9o8VC1tlLM/ABG
Mgc9Ku1ncFKNtTT8MWJOo33m/uxCoDE9RxWCkMmoX80yoxjU5Y4zgUnbnugb
smVZ1AuCOOB260kULzyqiKSzkHI7Vdru5Ekki/c21vp9o6Od90wBbsFPpWY2
CSwPJ5+lTduV0FuVJMXlUO4Yz26g0x+X+b+IAEe1Q3rc190eAp6n3ANNfGHG
SABz7VSbvcJWWg8qS4G0KTwKaVzhoz0PQ9KpyshJX0A8A44z3FGPkXHYdKnz
G1poKqjPzfWtrwchkv7lereWGbHUdqSfOxc1lsU9ejK6xsbghcnH8qpt82Mj
tRZXBWsOIUJk8mobgYtgCN2WzwaT2FG0XYv+Fnb+1JMgfNDlmxnHXpUV3iS5
mJGCH9evFLW6sXy8z1HWciRSyeaCARgHrV6OSN1ZQ2SR+tOWpCTitNytqd3N
PHbxtK0ghJA3EkYP9agVNpGVGT71MbIttuwFerfgcdzmggIXXGWA/OrTu7Im
Lbeo10XYdp6+vFQxxnjGAQf0oWupMmloyfO6QZXjPHNQsh3YP1zS5mnqx6yX
uoejrjbg8/pQeIlyOnQ/jQ73L30EBzgED5vTpWz4ctBNfmQqSsftg5x2ocWi
ZStqjr13E54x37U9U4JJGDz71JCux2OOv04pcE8HqOmKEFxwb93tOCR3HFNJ
J6Y/Gn6g/ITacDPFIVJGAfwpaCSEIIzkfkeKbtJxjG0e9HUNNhCCOSCaaQQQ
SBg/pTWoPewHJGOKGyBznHY09xEeAQATz+VIWxjpx61LuwtroGDjJ4oIUEE/
j60JsdtSMNg+wrH1VVutUtrEgMshJYY9Oc03dahHqdrYxneExnb7V0MS7VDL
kj37VDZrElB3jgbdvfuKdlyNzMjH1WkWSLO4ABBcf7QpVnhP+th49xn/APVQ

ASQQSIPsroG/utWCiPL4qgsQysluDI+0ZG40w2OmchyQyZ5znHP51kaxJmSK
FD8q/MTSlogjuZhcEkNzVSYYY45z+Fc976HRYiz/AHgceuaaxOeSMds01awX
HBmAOMmnpPtJBB+tKwhBcsXJPOex5FSpLlTjqemah7l9CQYCfNz+tNjkeCXz
LWR4ZPVWIH4iqT5dQtfQ2rTX7w4W/tormMfxr8rVsW17YXihYbhFfP8AqZyM
g+3+TXTGSkjmlGxoqjKgBU/TOQKcRJ2Q4+oqhDVUIxZnyR7YxTGk3MMHPPTP
WgRxviC4Mt4Y8jCeh9Qa5PVCZrpiingADHbitpuySH0Fs1IHT8a3rRfkHPHt
XLswd7G/oy5Dscg5GOOlahBzxzgdhVIRpZp284wefrVDMy40SzlYtDvt3P8A
cY7c/Tp+WKzbvRLqNMpsuV77eD+X/wBehaCaMua3kgkAkieMnpvXGaYd+Mqu
BWykmYuNhhwx+cD69KY9lFMhB3YPYNgVorrVE6p6CW323S8mwvJI17qcyD8i
cVt2PivaVj1a2MZ7zRcr+K9R+tJxVT1NYy7nQWV3bX8HnWU6TR5xlT0PoR2q
c5HBrnaadmaBnPWmNMolSPku36D1JpAB8tJBnCu/5mnUAFI6I4AdQwznBoAW
kYkfdTd/wLFAArq2QrAkdaXgdKACigAooAKKACigAooAKKACigAooAKKACig
AooAKKACigBwYg9a43V/h9pV9qX261C2zsxaWMDCsTnJHoTmtKc+RmNWl7Re
Z5p4i8Lajp2p3xNlN9mVw0bAZDjHYjj8PzrIS2BtS8imKfcCquMHrjmt5pOP
NEwpya9xnR2nh7V9S8KR6p9vtbfSRlirufMGGx0xjk9s1z155cUQt7fJTfvL
d+DWScbe6a80+b3kON0rQ7ZFwWGM+tVmIeMoB8rLgmhSXTc05WxOMYC9+MCm
xt8gYipsm7mb5pJCgKwbzSVB796f5yYxsA2gCtOey0CMb3bBny+FG0feGahU
kFSMbWHQjArK7BX6iGTJYbsgdD60wM3TJ685p8rG3ZCiQIMkhmDfgPeum0Dw
jea1pv21nMUbn5AR94e1C93cUryWiNhfhw82G+1MB9MY/Skk+Gd0gzDeLgdM
g/rxVKcVoQoVFqM/4QXWrdt9tdRyY6cHINUbPwdrNprtpe3cf2hYpC0oUkEj
HalaF7jU6mzR1GswxW/izS9Z0LR2/wBH3LcgoAJFI/mDWdfJLqXj46wbB7eC
O38ofL97r831o52xqMV1K+loIYrx76OULPIcbUySO34VmWpm0jSLgpG5mfOf
lzkEnik1rZFJpdTAsdKudRvhHBGxdzuLEEBfY/T0rX1k2GjWqWmmsZbwZM02
PlH0NU9NGRH3nzLY5uWQOxZznPvTCvU45PGPUVK5kac3M7IUgkAE44phQlWU
+o57inonYPVjm4IJBJ6cU3DNhm5PcihPleo3fYkGDknoR+NIwAPAwfaqTLlo
rsGAIIHXGc9KavLDIOOAcdqzvoTdt6CqSWO7ovArd8FSx2uvTTzsqqbUjDHA
JB6VaahqTZyepD4rvU1PxE1/BbtaxSRIBEexAwaykTaML24zWcW7FyhZoXIy
QP4T/k1FdDbtDcjPYdTVNWVyEuZ3NHwyvlG5mfoiYII+tVHbDvkdTx60lK71
ZVkndkeSwJyM59ad1KlThu9DtYObmdhwQsmCT161KeBuA289D/Oi9x3a6DuD
1PzHnrSLkruI5pWTdmCXYQnD4Pc4H1poHzFlGBx09ab93QlJvoD4D+g7VG+T
gZHzHr6fWn6j5XshBGMAA8D/ADmgH5my2B0zTd5aC6j1AyNowfT/AD3rs9Ft
xBp6bh+8f5jntSexNS10jVGMj5SaeFzx1+tRcXoJ1IJ4HXrT+2ccdaGUM9gN
vseKMZIyP60xWvsOwCMdvSmYAwGAJ7UITuEi4AJ24ppYAcYGfSl1BLqJzwDk
Y6Y70jZGSOlU2thbkZweQfzpMnHAOaHoO6EB3qSFOBxz2pByc/zpXYaDSMr9
7H403cCOeD2pp2DcQsR2GRzzVHQ4jc6/PdMARGML6dOaTa2GrdTttOiXdkDj
POfWtuMjGPl2+h4rM1QvUnBC/hRs2ndtxnr2zSKHfI5wRj8aUp02mPI7ZwRT
AhlkWCCSaR9qIuTk4rO8HoJ5dQvyvMrDZ7DpS6j+yzo8EjacZI+UkEgH61iX
1jqCO8kiidepeLnH4U5aoUdGY7TZJUtgjsRg/jTGYsAAvHqaxUXc6Er7EYRm
OS4x6Z4FKYsDl1x17mq5PMpRY0RH+Eg+mDUMysikMhBqXBoTiVRIwOd2Qf0q
QTnggnHTrWctRkyTk9e1WEkDY4J96nUfQvREKgGcH60/73B2k+pq07IjcuWt
9e2OBCxaMfwOxI/WtaDXYZBtvAtrnjeMEfj6V0QlfcxlFrYuCJZF8yO4WSM8
7gwIpZZbe2t2cSwtIoztD1rbUzOCmm8y5ZpMr8xzu9Mmql+Ink3wOGTA6evv
VzScgv2IYU2gEcVs2o+UcZrme5fQ6LR1zbsyhcd/Uc1eKdMHI+tVEk06KoYU
o46GgBsiJLGY5kWRD1DDNZl1oVvL81q5t29CNyn9aBNXMybRbxD/AMewlHXd
HIP681mlWjcqzMrLxiQbSPrWsaltGZuBJnjDgge/SlkSNl+RefUGrXkZ2sVJ
LGJnDsNrDsrlf61dt9V1m1CokkMsCYAWSPJIH+1nk+5qm1PSRcZO2pqw+KLX
djULeWz4++SHT9Of0rbtp4bqLzLW4imj/vRuGH5isJRaNU7ixxhFZhGEZzls
HOaUc9QR7GoGNWSNywRgSpw3tTqACloACT9aQZxyMH0BzQAUUAFFABRQAUUA

FFABRQAUUAFFABRQAUUAFFABRQAUUAFFADgxHv8AWuO8V+C01h5Liw8mO4dc
Yc7APcEA1cJ8rMqkOZXW555rOhano9ssGpKwhVvkSORjGTnIOBx71gOA5eQH
oefb2rRwW8TP2spP3iGSN2XsrA5xUmzCAKMDGOKltIpRabQ1VPmenrikCqVD
dFDY980m1uGsVZDJAzs+QMg9M0wR7huB4+99aafugoscoXbzklh0/wA9qblj
MMDg45x0qVvcJLZDSoGd2CemO1BU7GJOfYVfMm9AcUUrkNJIkEZ2tMQox65F
e+aRbra6fFboCqQRqgHXNZzlfRmkElHQ0VOF6n8Kevopz3HNQUIWOeACfZf8
OtNLSN1X8AP1oACPl4/l0owSOEQr6MoJoFZMbIiMMNGuO4KgD6U0xW5BD26/
QqP5Yp3aFyJkf2az3ZS3jVuhKAA1VOi6W+7dZRknqTgE/pTU3cn2UbWIH8Na
LIMmxjwfTHH4YqBvBmht1tQFxxhufx4q/aSM3QjsQ/8ACDaKGyIpATwDnI/l
VO6+H+nSNuSeRT025wP5U/aX3QlRcdmQN8OLNlHl3rL7En/Cqj/DVlyIb5eD
0IP+FUqkeqBwnvcrv8NNQKny7yJuOPWoH+HesR/L+6Ykds0+aDViG6qequVp
fAeuoTiBSuOCM9arP4O1tXI+xkjg455pWjbRl+0lfVETeGNVRcSWExAOflU1
FBouoJexiW0lSPcSzBTx7UrN7vQarW0SLHiCyuJb8PFbSlF6kKeOMVli1lSI
M0T4PQbTwadvd0GqqcrEfkMjsXXgAjpx9fpVW7VmkRDkZ6e5qJczRcZJ31NP
SWMWkXjNwzMqkeuKprG2wbiAM/nRGNtWHxPccYtw+Xkk8CmGLYxAOeOD6UPT
YhxaY8qwKjg4JB56CnqrLkn5xjAqbovVvUVx8gIGcdcDk0OnybgCB/D7/Wml
7uhUiHYSe+OufepY4wIxnhv0obfUV29iu/8ArNpzhTwQaEJZmJGd35U+g0+Z
DivyguMZ7g0wgEnC+2P61LlZC2dzR0208+9WMEbQAT64ruEVRGMLjAwKd9EQ
9yTbk/Ln8adz0IGBUDsOC8Yxj6cZphwRkECgfoGcjkCkJ5xnB9QOKoXkP2g4
I6fqaAOSAAMUITGOVHDc++KjJAAGfl7D0otqTdLcQgZIycelISemOPWjqPpc
iyP7pP8ASnKehJ/A0SJS6oa7dATz1zUZB3nnjGelA3qtBCAOmSf5U0jJ6c9q
Oa4uVkF5ItvayS5wQOas+ErYR6UHZfmlbPPcA9al2ZpHRaHZWKYUEKa0G2so
Up09Bk0jUUYIxkADpng0hOCcHI9SeakYgdGPOVJ6DFKVGOMj6dRQBzXjm9Ee
mQ2Ubky3cm3gY4HJrpfDlstr4fgj2gbiWJIwfzp9QlskaiEAhQ2D35/nVLVt
cg0xRFAqzXZBwV6L9cdaocY8zscxI89/cm4uMF2HLbQDUr25hIWeFkcjcNyk
Ej1rlq1Wr8vQ7IqK90eqgYwB7Yp3ToPxxmuWU5aO5ewhVHHzAE+wpjWy4wrn
6HkVcK0oiaK0tjbyf6weSf8AnsoGB9RVXUdHutORZDPDeWcgylxb9M9wRz/P
mt9KuqMndNIzlJGWPSplcgggnFRLQdi9BMVUBjz3zVpJx3wKtIkmWQgZOGHo
arzTCR8AkY7Y4q4ysTYYk8kTfuZXAPVVY7T+FX9J1AxuLa+t2e3Jyk6r8yfW
tVV0sYVIrlual5piSBXO14XHyTL8y/j6VymtWI09CYgSp6ccVtFXOeN4yKlu
xIAP55rctchOfyz1rmk/eOk6LTExaKwJyTxg1bxtGc5H5/lVxJNSiqGFFABR
QAucdDUc0ME+PPgjlwMAuoJoAyZ/D6Esba5YD+GOUbgPbPX+dZVzp11aoZZo
HRe7Id3HvjtVKTRDjcqIxYZUiRe22pFYkY6GtU1IyaaFeJGXlyc8nmqUmmxl
zIkRz/eBIqldCUmti5Z6tqGmsqlvPgX/AJZMfmI9ielbOneJre6cpdxCxHZ5
ZRtPtntUygpao1U1szVgv7S6l8u3uo5nAziM7hj6irO04rG1jQbRSAKPx/Sg
A+mKKACigAooAKKACigBaSgAooAKKACigAooAKKACigBJUjmjK
TRpKh/hdQwrnNR8D6FfGRlha2d+T5WMZ+hFXCo4bGc6cZnH638P59NsmewLX
wBJ+b7wHpwK4y4s7u1kKzxNkdBt6Vs0qkbo5buFSzKqKZZ0hiwXY/hXWQ6TC
lqsEkYLHO4kcnmuWq+Sx3UoqabZTu/DbEbrds46LisKfT7i3JFzEUOeoHUUo
VeYU4OOrK+FAYD5vmwD7U0cnDFiM9jjNbJmO4wqMjgge9MjAOSwIHIGaaa1J
W6Q/QbRr/wAYafbqpO2fce+Aoz+Ve6W8iKWwq4LEfLWLd2bQ0RZjz17ehI5q
cglQQ3HrgUFiEkcDOe20YzSZxyevTB60wEGDnJAHoetNAXIJkwR37UgFJGR+
8BI6E0fire+KAG5BGfl/xpDz0w3saBBjB+4Md2Bp21duVycdTxQAgHXgEdqM
J1x83fIoGBC44Bz+hoBAI5wPegBzNkgkLn2AGaFkVgQA27oDux+dArB948sf
w6flS/MpzhVX680BYPMx0YDtlhnFDgvw5V1+gP8ASmLlRGscQyBHH+Kj+opD
a2zAh7aJs/8ATMY/lRdk8kX0K0ul2EhIks4fpsBz+lRtoGjSHD2CFvw/wque
RLpRZC/hTRXjK/ZVVe4Dcfliq8vgvRGUbrVwO21v/rUObe4lSS2K7eBdEV96
eYje5/8ArVXuPh/pL4LTyI3UHt+IxTU7dAlTk+pC/wAO7JmPl3ciNjtyD79K

rP8ADzH+pv8AOeRuU/4Ucye6Jamtisfh9dh1VLyNj1XAP+FMf4f6ln5Zoj6g
8Gi8blRlPqiM/D/VwqgGMj1HJNVG8E61Hu3wIVHcZqrx2RLlJPVGdJ4U1sIG
Nk5I6beh+tZt1Y3Vm+y5hkhzyNw4PsKTSsUqnYr8Bghxgd6jTDHbgik03qXp
qdX4at1iiaV0w8mOa6AdBjg1O5CVnckBynXIH4Uu7t0Pp3+tLlsO9xoIz3z3
5o4ydq03toTfWwpwDg7c/XpTTgEZOKEMBnux+tByQcnP1oBOwzqOTx60jqR0
5HrRYl6iAfLzyfrTTwRzQVsNIxzximlh6Z9/ShWYrNDT0xkZ9DTSwwM/pTYK
5GWYZ5BBHHrSI2FAByCODSsNuxm6wTNHFbAHdI4Xj3rr7C3EaRQpwqAADtSa
S2LWq1OgtVKgZz+dWSMkEHBH51JoBBPf5u2egpocqcbd34dKAHEFuuMep60w
REMArscnoCcUrAcJrDHU/HKxKSY7SMIAOm5v64H616f5YijSNQCqADHWiO9w
nukVdWvk0+wM+cSv8sYzyT7+1chEGd2kcsxY8ljnJ+lE3yxub0l1ZbUt1U4P
rjpVu81G5v8AyvtiwhoidrRoctn3z+lcCk9V3NuVXTKX221LsnnpuU4I6EGr
GflBUEj1zmp5e5YoJzkjj2oyex/CkmloGgfXn8arpbRw7zbqIi5ywXox9SKq
EnCV0BRuLBJGJUJHL12jgN9KpoGWQq68j2rqlaeplJWJ1buTzSh+eKEZkvnN
tI5/CtPQdOW9iMki5PYE8UW6EylodPb6MqAb1AP1FBsdt6UdE8sgbcHg/wD1
62UEjnkrla4t59OdmsZgVb78D/Mre/sa4vxJcsblLd1ClskgduO9dlFKzZgr
+0SKkOQR0xWzbyKY+w44rierudTOosQFs4wRt44GKs7iD8xDj8qqOwGnRVAF
FABRQAUUAFKCR0NAEFzaW13/AMfEKs394cN+YrMuNCwpNpNk/wBybp+YH+NC
dhNJmVc2s9iM3MZhHZgdy/n/AI0gllwPnDr6gdq1jK+5k4WHLNbyHbNHsb1P
SpE062uVIjkUg9M1e2xDTZBLpNxA2IJWQj/nmxFTWuoXdtN+9xI3QseW/U9a
T95alxk1ubNrrFvM22aRIW9CRya0iPxHY1i1Y1TuJRSGFGKACigAooAKKACi
gAooAKKACigAooAKKACigAooAKKAFBIqpPpen3HmebaRkyfebH
NNNrYmUVLc4u58AtbatPfaa0Txuv+rPDDGenHvVVrSe2b9/EwLdyKmtH2upp
QfJ7rDYoAIP+FMkt0lXbJGrL/tAVxrQ63aRi3vhqCVzJat5TZzgnjP0rnbzS
rqy5aPco/iUE100qiejOKpScdjPfIzke30qNgyo3HBHB71s9Hcyatsb/AMNL
ff4jvbtckwwgKfdh/wDWr1SGLZEAVHue1Q9dio7FqLgE4yPfpUwycZIC9vX6
UFg+DwcD/axxUTKWfO4AD8KBAQSpw2c9aTAUZUg/TtSGI2TgmQEdwOacQCRl
iR2x1piBhng7SPUDpSbWxhOB6/4UAKS5x84JHtSBsE71Dj0PFAxxkTaP3TAe
p6UhKkYVST6bqADewHyl1HcZpVYE5bJPptyaAD5RzjH0GKaHXkd+5YfyoAcC
uMr+PvSoSM4TAPegBQdoGASaRn3A7UAPXAzigAU85ypHfjmnEZ9APUcUANJ2
4OSw6Z9aVWUthWBb9BQApz0yd1IFAUEKQD0yaAEZecqu71I6UqqmOVb8efyp
iGnCthSQPWnPHIFDblHrkdP8+tIYOAUAbdn27U0rkcc/hQIQKQCBwPemOyqP
mJNAWBm3gHC5x0AxWH4vt7e68NXJkhzNCu9XIw2PTpSd+gJK54uWEg3gnnkH
8as2kTT3gjU4DNnI9PStk1ZIiSauzvYIEiRUKgBRgDpU/wBMEYqG7shaKzHD
APAoLAnrz696Nyl3EC/NkMaeTk5FAvMaepPT8OaUqdpwRk0Ba7G4weTnPY00
5yB2HpxRuTbQTPHzEe+KMZBwR7UXGlcQ8KeRkdB0qNxn+ID696dwknbUj3Y4
GMUhUdTSFa5Gx54PHpUZzjBUZ9etO9gs+g3nnaeR0pY+hGG2g9PX6UdClvZm
fp8f2zxGpDfLAMuvXt1+td3brucA5YDuetJtDiveNiIAIAo4xipVP/PMg4/G
s73NRxJPPf1IzTSpBIYdP7vIpgIQy8/qOaa8nlQvK54Rc+mKSA4T4fRPqGtz
Xr5czXDuGbgYBIX9BXqBZi5x69e9Ed2EtZM5bxLKZtVWBcbYkHfuRVNBgdcf
Ws68rKx0017qJUIB65+vepEOZBngZrje5v0Mfw3bLd648ssaSRhmZxJ0x0H8
qw5Lu7tbsx2UrqAxIVckYJOK9CEFKnqcTqtVGyzD4ov4XxcrHMR1yvJrbOtL
FAkt9Y3FtE/Cy7coT7GueVDXQ2jWT0LMGo2F1/qbuPPYMwBqyFB5GGHcrz+t
Yzi1ob7jWTeCvQVTmhOcSNk9nI61pSnb3WKUbopHKkq3Ue1LnjrmtJXWhzvR
jXDOpC5GR19K7rwem3Ty3+yO1OOskZzbZvkk96bIiyoUfp29q6CDNnsLgNlb
lQnoBg4rh/FmmG2lS7QEoSQw6npWkJPZEJWlcoQISAcfpVlRyAP/AK9c7ujT
S52cO6OBFcgnHAA5FSLJkmqhsSbVFUMKKACigAooAKKACigBQeCCOCOCDXzz
5zu8swv/AHoljbp+YH+NCdhNJmVc2s9iM3MZhHZgdy/n/AI0gllwPnDr6gdq
aM3EI57mIjD5X0U5q0ZYbhBkAOB1IHP0Na6PYy9SsbSSR9sQIPqM/pUrHVdK

KwrfAR9duA+Pz5/WjR6MpS5UW4vFUQkVLqyljHRpEYFc/TOa27S7tb1N1pcR
yj/ZbkfUVlKDiaqSkromPHWkqCgooAKKACigAooAKKACigAooAKKACigAooA
KKACigAooAKKACigAooAKjktreVAssQdQMANlv60Ac5qmhCKV5raNhEeQuQe
axXjYHCqXAOOlZVKfNqjaFS2jERRg5AH4dKRowRllBGOhFc+qdjfR7mPfaBZ
XuSqiN/VTgD9K5zVPDt7bI/kgTpjkjmt4VOjOOrRd7o0/hlHsTVFbKT7kBQj
BUYr054yiKFz05wc4q421sIdGAgCsFPsKfxycFfYjmqAaSQSQxz+dM2gjIly
OuDj9KAF8sEE7DmmspAyuQfemIbsJxnA9h1p3lor8gkjoQelIY1ti89vWlCZ
GSSB7HmgBBGBIcAnjrnOKk+YHov8qAF3ZJyD+WaadxOIyQR7daAA43AlT7ZN
GSx+VuO4oATP6egppCMwJQEjvQA7nIPJPtQCmMA4Y9Mf1oAe4AUDIB77WBpQ
N6/LIMdsUAB3KMs24DvxQBgYJ/PpQAgUg53j8Tmglm47dyFxj8etAClWAyen
50gzjpgdqAFYMMH+mKd5jYG/HFADARu+f5fQk0odduNrZzQAm5QDu+UZ9aXG
eVbK+vegBu07sjkfSkJHcce1AACB9R0rJ8Sr5mjXRVnZvKJ3Gk9ECPDrfEiK
BnaScfgTxXQeGLZ5J2uZQCqcDb0Oa0jaxnUbTZ1gUHGfwz1pwI5OT9TSIs2O
z8uTn8OlNyoxxgewoQxeuAKFBJxxkfrQAN0yDjHv1oDAHAOM80dAEZtpPUU3
AwOD+dNEiYwOaa5ONw9aVi+mogYng8+nFMY4bpxTIuRkgnAP+FNOW4Bx25qX
oGrehGQdwG3Ix2prZPqe3TpVCcmhQoyPlOegwOajnZVQ5HzY7HGKerFFIj8J
Qbmubk9ZGxkf56V29mpPJUAcDis2bJWNJSAOePwxUmBxhhz02nNSaChsHBB+
uO1AABAyPbjimAEYyTtHv61zvjnUP7P8KXTLxLMPLjPfccYoKirsd8ObFbfT
3bOPKQKC3c967Fc7htP4dvzoirEbts4++zJr97v6ggZ/Cm9M9SPSsa+6OuD0
Q5evR/rjirllbx3DP5sjRhELbgK5FrJGkrpXMLw00kWkapeK+wQw8vj1Y8VS
0bTby9vXeJIEjKgbrltikjOf516q0jqedJ6sy7+Bku3jITcrAfJyp57Guj1r
WLM+GtPsYZxNLHI3nRDqp6jr2rSNO802Km7SRybLsYsowCc8H37Vee4uLaC3
FvO8ZbJbBrGUYttG/O07otWuuXpm2OUcY6kcj610cZNxbqXXlucVx1oKDTRv
Sqc+5UnhI4ZgWHQjmqbFvuqat+8k0E0aVlaljE0jbISdrN3rtNDtRZRtCHLq
F4Y9f8K0guxyt62NSgkAEscAdT6VqBl3Gt2CSFHaQjON4UYFYfjSS3fRojBI
knmkhWUjjitoQfMjLni3YxbS3yoXHAqz5KiWPIyc8VySV5Oxrc6ASIBsKn6k
c0uSOh/WrjsI6CiqGFFABRQAUUAFFABRQAUUAFOz8pB5B7GgChLpGnylj9n8
tj/FGxXH4dKzJ9Dul5ieKZRyAflP4D/69NOxLjcpxzPA5jBaNl4YPkMPzqRY
Y3JZW+Y8kMa1UrmTiI0EZPzAA471Rl02MvvTejdirEVSEvddzWs9Q1K1hAne
O8AGAGOxv++q0bXWbG5kSIyNBOxwI5htJ+h6frWUo9jZSTNIqR1FNqCgpFJb
Py4HY560ALS0AJRQAUUAFFABRQAUUAFFABRQAUUAFFABRQAUUAFFABRQAUUA
DKrrhxkemcVE9payRFDCoHqBzQBkXHh+1jjaSKV/M7B8c+3SsCSC4iZt9vKB
nHKE/lWdSHMtDSnPl3ISuThVYH/aFIUKEKygsecYrnatudCaaI0gSKYyxoEk
PBZeM1tWesSxoI5pnhUdCqBs1UZtESpprQuLqJYbo7qCRT13KN3401tVlHaO
VR2/qa6E7rQ5mrbgNVbgiGNvfGAakOqcfvLNMewFMBDq9mpG6yf8G4pf7TsC
37yKaPPvkUXFuO+36aW48zp1wKBc6Wx+W7kDHseaLjsPVrPPF5H9GA604pGW
wbmEMOme1AD0tRj5ZYT3AVqDZysesJ+rZNMQi2cvO6LAHRVbFI8Mp6wygD0F
AEZhkJz5cn5YpuxgOVbj2pANIIJLKQPXH86Cdo5Ax6nmgBu4N/F19qeoOMHr
+VAAVjVSVADAdsf5NO2hs4BHHXpmgYbOOFyKTORkcfUUACo27AJPf7v9aPnQ
5U598daBCMWB7e2OtLuyw3MCD3zQMYWIGOvvSoW7rgkd+aBCbiPuggem3pTw
xUfKrgn0PAoGIGwp4B/4DSYQkEDB9uaAEDsQfWk3fLxnHvQAob0Kn61l6+z/
ANmXIKjaUI4PP40NXBHiMMTqkaFeSxAHTvXd6TbG309IsEN1Jx3qklbQymve
L2WC9BTg2cfKN3v2pAvIepznj5fQdqRuuADzQmkw3EyAMHr6k0gGBwTmquib
2dg25xnkflilYcfKRn2ovcHotBhGWyOw5pCSByCfwzQlYm7ANkcDp7Ubznpj
0wKVim9NCNiTyfzNRuQDkdO/HWqV9iBmc4+X8qQ9Tk5Hfnmh6aDWuwzB6Amm
4xnn9aHohasTlW4JDD3qnqspNjKzMNzDbuPc1PS44vU2vDtt5OnwDHIXLduf
611FqmBnPA9ag3XmXN2DnAb2NAOckAKx/KgoUNg/MmR654pTwOT1oAAowPm3
A9Np5rz74hXP2vxDpOlIcgN5rgHpgcZoXcuO56F4Xga28Pxl05lYtjHOM1ph

iGB2/pn9Ka2MkcnqsfleJbkKcxyorjjjpg1CBlsHj6VlW7nVB6IcAFPykgfW
pJ5vI0a/mB+5CT056iuOKfOjWT0MrQtIhuNOWQyTCZnEbIjZR0B6H1rU1fXN
I+3JYXlis6D72MBYx29816sI3PNleTMXxLDa2WtWcdptezZfMV15BGOhrClj
kmmfEJ3HoVXtV35RCNbzZ2sjKSMAkd62I9CuNR0+a+hmiQWi/MsnG4d8Vixu
5reKba1htrBre2WKYKd7qcbhgcfnU8Y2xIoB4Fc+IilFNnVQEmUsmFA49Tg1
Sgt3n1FGHEZXp71FKS5WjepsdLFaM+nsoVcgZQ4zk5rb0mczQI2xg+CGBrog
rROD7RouVjXc7qo9ziszUb9tmyyaKQn72fm//VWsVdjk7IpWkKTAJK3lTfwk
jIPPQ1k6rpRwY5EaGQZZdx4Y+2OK0U7M5bfaKlq4jYq6gkda0rW0N/IBDJ5e
0/fI6VyvRs61qa5s7mNTvjWVf70Z5/KoCijjkHuH4xVIGb9FUMKKACigAooA
KKACigAooAKKACigBJUjmTbNGki+jLms2bRIW5tZngPYH5h/jRsJq5nz213b
A/aIN0Y/5aRncP8AEVXjeCViIpAcdVBrRSMpRJSYgFEgI9CP8aWe3SZQMcde
e1USVYlvLAk2VwyE9Q2XBH0JrQtfEZVlj1K2Ces0PKj6ryR+tKUb7GkZdGbd
tcQXcRktZRKo4OB0qRgcdcH3rI0CgkAZPSgAooAOlFABRQAUUAFFABRQAUUA
FFABRQAUUAFFABRQAUUAFFABRQAoODQ+XXBIA+maAM3UdLW5QfZlSOU/ebAG
fwrnb3SNStcvIoli7lTnH6VE4KaKjLlKa7QMMpU98jFP255x+NcjTTsdSd0M
ZGU/uh8x7gdamgvZIXHnoJI++BzVQk4kSipGxb2ltqUXm2siSese/DKfcU46
Vcx/dtyw7DzM4rqi1JXRyuLi7EbWV3HybJmHsQaZIkwXEltOqjoCmSKoViPb
aAESxMT15BGKQxoVzG6FTwBmgByWbO2E8sHvu609rKReiI/uDxSHcjXTLl2D
QwMwHffSSWtwpxtkVh33GgV2hCtyGGPM/HJx9aRbi8jYlJJmA7EHAosPmJTf
XuPmlY+gxnFPTVL1fuSMT33JRYLok/tW+HJZSP8AdoXVpTnKQk9vk/nzRqF0
L/a7biDZwk+u2nDVIjkPYIPoQM0D0E/tKwJy1htPT7wzSpfWWcmGQHsQwNFw
HG9sWICtOvqSeKkMtiQCZ5EXrkjOaADfalSI7vjP8QNKhtWbaI7Hn3OKLoBf
Jhzj7WuD3Bzj604Wi9VmhbPTa/WgAaymxmMKR3w3NJ9lmI4jyT+IpgNNrd9R
Gc98cUbJEUhoZWPfatIRGW/vBx/vLTGI43EBexGVyPrTGMZyB91tvqaN/Y5x
15HWgA3JwCWU/wC1iqmsAyadOpx/qzz0/wAikB5DokBudUG/BWMk7z9TxXZD
O3IwfQAVb7mOrk7jgucf40pGOAWGeRSCStsDfd65PvRubABwR60hWAPnrgem
RijAznFMBMMDzxn86B2IB/GnohPsI3GMAfjSE8/MfypBfoMzhupxTic9eB6m
mO2pE2HG0nIPFNI7HGKegr3I5AQ3DYHQ0m3IyGpdCYuzGSYB5NRsDgFeR39q
aJlpsIwx1A4qjfI1zcQWqfcJDN68HNG6KjdM7GzT5BgY+lbUC/ICAMj0rNs6
I7Fhdy9D+lOJBOCOPUVLKEMZPcN6dv0ppUqTkEmnsAbtpBfAA968wRjqvje+
uB8wULEjemM5xUvZ3GtE2j2ZYxb2sMGflRQOe1IACCAfqOpq1sQtjA8UQbGt
bwDBUlHPTjtWbwTuHG78azqq8TemxCeeQM9vSn6nn/hD9Sc4AkAjH5iuanG8
0bTdoj9GlMVjp1vj97M77OODjn865qx0XUtQ8QXEUljPFKZMF5AdoHPOa9JT
UYvzPOfUfqWmSwteXEbh7K1Kpv7M/wDFt+lZwv2UKyqTg/3qNGOOurJ7edLm
4USS+UcgjccSrpreJR4ZkjbY32iYhcDJI3dRU9RPTYg8SlG1WK1SPygigFd2
7JI9atvncfT+dYYtbHZhndCbc9Rmo4H8u9HzDB6D09a5qO5tU2aOrsY1hj+V
9w6mmmKS8nYQOYgvXbwDXcjzy1BosQYNNIzt/tPuqWDTlgmbjKN0IPX2ouU1
cS+tEkiwXX8Rg/p1rlrfxHJZ30ljfxtd2Axtbbl06/mOPr71tTipJ3MpRfNo
Jd/ZJphJpsrOH6q3BU9a6bS7dbW0CsDvbk88VhUj76NY7alwSEE4Uf1pHKyD
541I9SMH86ZRYooAKKACigAooAKKACigAooAUEjpUVxBFcgecg
LL91xwy/Q0AZ9zYmKIszeeg+9xtKj1qilvFIC9lOCB/DmqTsZyRHueIkSxHr
/CKkSNZQTAeT+daXRna5VazuLaUSQzzRSdQyNkH3I6GrMGralasRdRi9jxwV
ARl9zSdpFxbjozRtNatrggSDyO3LA5P5VpKSwDDbtPTac5rNqxoncKMjOMjP
pSGISqFVPBbpS0AFFABRQAUUAFFABRQAUUAFFABRQAUUAFFABRQAUUAFFABR
QAuaM8YIyPQ0AUbrSLC6YtJEAx5JUYzWNqOii1w9rIXBH3WPSpkuZDjJxMve
oJU9uuR0prqrAEc1yOMkzqTTRX8n95uVnRweGV8VqWWvajZkLN/pcQ6g8P8A
nmnGTi7ockpqzN+x8QWF6Qgn8iY8eXKQDn2rUywHPPuOa6oyUlocsouLswLB
hyAR+dQtbWrn5reM574FUSQvpVg5yINp9VJFQnRbfnZNcIewD9KBWGHR5Acx

ajKv1ANNbS73nF+j/wC9H1/WgBhstTThFtHAHBUlfwp27WNgSWzjMY4wrgmg
CFhdqctprn1KkE0PLNINs1nchegCp1oFoM8qMSKXsrsseg2f1p8ltG3H2GeL
/aEeT+lArIj+xW2P301zE3oYWx/KoXgt+0mQOckYNAWHfZ4GGTIAPU+lEdlZ
ld8d1vb03DFA7ANNaQj9+FTs1K+mNGDskLEc5HOaA1GrppfGJdrDue9Emn7G
G1wxU9SKVkO7I/sUxBCgkf7JIp40+dI8gKP9nJBosF2RrbzE5V2U/wCyxzU0
VvMT89w6D2ByaAuyYC+U7Umlx75/MVaV7+KLfJcAj6DIoGOF7cj7zqf+A4pG
vphkOsJ+o60AJ9unRB5thHsPRgQAfeo3uJyN39nwbD0O6i4Awt5Uy9iM/wCx
LxWJ4rnjtfDl3JEuxfLPBOTSY1ucF4btjFpqSSoBJNyfpk1sj5QQFYD096s5
2/fbFGRg5pw3HHX8aNit9BxI3cjd/Km428LjH0ouJpiFcj0PuKMYU8/XmjcQ
wnocfnQGXGSSR79qbJ6iE4YgKQfQ0zA4DA/jQHW4KoJ+Xkjtik6ZyOPSkGth
mVIIbjJozjqQTTEu4wjIyeg6VGQwB4APoKaE1rsRnBzx1680jLgc8DtilrsF
rvYZnAzyCOpqDS1afXJJSMqoCgjrSdyk+x2lrGRjbzj8q048AAcbvY4qGbx2
JATnk8djk0pGTlTk+/ekUGCBwrEexp6vhfujA9eaAM3xBepZaHc3DsE+U44x
+Vcb8MLCS5u4JpAQZpXlOfTmm9htLkbPWZHy5bAAJ78nFIUHHOPTcetUQQXt
ubuzltmUfOPl56HtzXIx71XypMCSM4I6ZpNXRrTeo4D5sA8/WtWXw/d6v4MW
2t7lLaV5DIA67kbnjJHPvXNT/iF1PhOR119e0+1t4dS0t7RrMnyb22y6EnuS
On44qzZ/EFprIx6pY/aZANv2i1lCE49ef5V3KUdEzldmZ99qsmuz21mIltrQ
P8lvH79cnvml8V6Xb6RqiQWzsUeMMysehI/lVSalLlj0OmEI+zuZdoC94oPP
cV1GmX9tf29lpUKGNo3aSR8YJ/EdfpU7M5HcbfsreI1hRflXbtzzj5T/AJxV
5mbflsda5sV0OuhtoXAunSaePLlaPUUySjDiQZ9celZk7ASK+OQcfWsYpKKk
apPW50UdwbewMrMCAvAz9K1/DystgzvjLN1H1Ndn2TiW5p5J60ZpFkbwRS/6
xeexzXH+ItM23a3MS/N0b34PPFNdUS9NR+iWO+58x0wi9x1zXTjAGAEJ/WsY
X1uUGe5z+gpu4MOMfnn9a1At0UAFFABRQAUUAFFABRQAUUAFFABRQAUUAFFA
CgkHIqG5tbe62/aIt23oQxX+RoApXNjOGVbMh4z/AAu2Cv8AjVVTJYu0bokM
rD7wwVI9RmmmQ0WI54/K2MiSH9TTHjib7rLk9sjj2qySGTTVdCy5JHXH9KdY
/aLeVYRdGOA5IXaDz9T/ACo3QLRmpPeQQLl95+iHH54xUsEsd1CJIGDxn9Pq
KzNQWJUkZ8Zkbq3Iz+FPoAKSgAooAKKACigAooAKKACigAooAKKACigAooAK
KACigAooAKKACnBiPpQBVlsLWSQSeUiv3OOtULvw/b3LNLDLLBKR8oGNufcY
pNX0BXWxzzpLExWWNlK5+YIQMDvnvTFUv0TPuK5pQsdKmmhJIVfKup9Dxipr
TUNRsMfZ7hpIx/yzlO4fQdxWafK7lu0lZm3Z+JrSVlS+ha1f+82Nv51txvHL
EHhZJEPQo24GuuM1I5pwcBCSOowPzxS7htyxwPXFWQAdSMg8dOR1p2KADkfw
k/jQWYcZx70AAcH7rZpcsRxQAmT60yQNJEyCV4yRgOuMj6Z4oAqx/KY7f7e0
joP3hYgOw/Dj8qW406znJeVSG4y5bqKBWKk2j5vI3hEZiVwWVzldvpj196tv
pmnSPuexgJHQhAKYkiI6NYf8sonhP/TKQgflnFlNEgBytxcg+vmZpDD+xkPW
9uj7b+P5U8aYMALeXWOnJH5dKAF/s1cY+1XPHow/wpP7KXJIurnHoSCfzxQM
Y2jqwx9suAPqM/ypjaK2crqEwPuoNAidLO6jAzdRvj1jx/WpBFOf9YIH+ooG
NW3kVji3t2GOCSTj2pfLn2fLBAjdhnI/lQBVltplUtMgKHrsO4D8KrsltAwZ
GY9iC1IBS6udqIntt61zXjNGfSWtiSPOYLgdcZGaT2GjFRSqBV4C8DjingnP
r71ZzrV3YKSTgdffmn89DkH0osF7huz160nI7nHpQh69QLc8PmlLDOccH2po
LjeM/NyKjdcjHOPQdqCXbcTJAOPyNN3Z7fnRYm90KGKjAIx70jE84wf1o0KV
9hhbHSomOOvc0WFsgDZHI+U9/SkYnAz3/KkG6uyJ1bjGPxpm8DBxg+hFMSv1
IpZWVGcEZXkljVnw3GzQedKuC5yDSdmVBW1OutFPGD9OK0AzEAbQD69qh6G6
HfqPemlsdBx3zzSGG4Ec5B/2qdtyBgjPbmgDgPiffYtI9PiZsscEY+8TXUfD
uy8iCWXBASNVQDpnmm1tcJX5UdeQGOGGDQSxG1SFH+1VCGFcdQM+3ArC12zV
JftcfIbhwOx9TQOLszLGGAJOQfw/CrVlqt7p0ytFcGa372z8rj2PUH9Kw1jK
51KPPodBa+I3e1SWa0GGHIjcZX8D/jVG+0zwhrJDz28EM7f8tEBhfn1Ixn8c
1u0mc9SDjJxZj3vw3bHm6Lq5yOUW4UHn/fXB/Q1zmreH/E8Em+/0+a8K8CWB
/O4Ht979KE3EzUpRVkY1rcxwXW2YtC6gjbKpUg/Q1a0u+udOulurQI8inADD

II70+ZMS1Nmydrm/F4wwXyeOmcVpBg3U4BrnxOr0OqimkKWOByPx6VXuTlDj
BJrBLY1eiNOad54re3Q8KCWx0OR3rstLXZYqPWu7sjh1uWqKCgqnqSI1uQ/O
RgDpQBBZxrDFsbqeelWCCME8UkAZJI2kH6CkLHoSqntk4zTEXKKBhRQAUUAF
FABRQAUUAFFABRQAUUAFFABRQAUUAGeKiuba3u0VbhN237p9KAM+TSJ0cNZX
agdkdP5HNVDIIpTHdDbKOxGAfoe9UmQ0Ts0wRSsjhfRhkGpEmikGxlCueOWq
hChjENqKzL33HI/Cq01rHJP9ptXVLjoVwdtFrBclTWvJxFf24QdC4Py/WtVZ
rc+WEmjPmDKBTnI9qhqxadyTafQ0lIYtJQAUUAFFABRQAUUAFFABRQAUUAFF
ABRQAUUAFFABRQAUUAFFABRnmgCOaGGSNlmA+bvWTcaI+4tavt9ASBQ0nuCb
WxjyxywytHcLhh6c8VESOgIz9a5ZwsdMJXGGJXyABt9D3pIjNZybrGV4COyn
g/hUXasaLXRmva+JZ4vl1GDcn/PWHr9SK3LS/t71A9pMsp/unAIrohUvoznn
T5dUThyW+aPn6UBwR938mrUyDfkfMpX6c5o3hAMkj3oAPNUjkgj8aXcp+5QA
nmKDhjg9s/8A6qd2yB+tAC5O3g8VFKsUsTJKoeNhhlZCQaAHoqbAI8BR0AB4
pdp7c0ALg56HNGOelACE/wD68Uc9+vtQAZ9hSc9SFH0oAXPPPHsBQCM4H86A
A0lAB1HpSrkjrkjrigCnqpK26csATzispXjDkswz/tikwBnBB+7j1FYGvksk
e88BvTilYDGDHHcD6Ubm4xyM85qzHYXJzksAOmQadn05FPqIM9cAk+1AYkDn
H0pWsO7GZyQMEClBx1z9aa0E7pikggY6ewpuRnjP1pCsIWz1+7TGwAcfjT3C
wxSd544PQ0u8qwGeO2KLdBK+4xyc5HT9ajY/L7VVwa1IyxDZb/gNLvHIOM+3
Sk1fYIt3sxjuByf1qJ2AI9adnYjmKl+52LEB8znA/rXTaTEIoUVl4A7ms2rG
9PU34OFByPr2qyDmoNRTgdNw9iaAQMY2imAuM4+YKB2IpysFbcDjbySaVgPJ
denOp+MFQurLG4YZJ4H+RXsPhu3+y6BGxBDSksTjPfilrz27BJvRGkQ74JVi
QOKgebC8rz6Dk/jWghwcMMEDd7mmOFdCkke5WGGVh1FAHNahYmwmwATC/wB1
+30/Cs+UMrb1JI/Spkro6qM+5a0u8RGMUjkK3qevFaxiiKkooZvbjNU09DTF
xtLm7leQwuy7hLbyL0dSR+oNWorzU4Nph1RZYv7s0W4n8cg0XOIbqGuyBUTU
9Gt9RhbjKY49cq2f51hz6f4O1Ekwy3GiXB4AYbUz9DlfyIpuMZbMr2cmroj/
ALEm0lBML+3vbVjsR4DyOM5YdKCxxx0rlqpxfvHRS+EaXBHU1DI53Bj29fWo
T1sU9NzX02HJVmGQO5713FoALVNo4rqRxX1JqKoYoGTgViy3Au9TYIcxQY/E
4NUluJlguSdrIw9TS7kH8W0emakBpU8kNx0wBmk3cdcD3NAH/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&pag e=2 and post #31 shows them in one of the tracking rooms
---=_linux4968f7e5
Content-Type: image/pjpeg; name="C:\Documents and Settings\Administrator\Desktop\baffles 012.jpg"
Content-Transfer-Encoding: base64
Content-Disposition: attachment; filename="baffles 012.jpg"

/9j/4AAQSkZJRgABAAEASABIAAD//gAfTEVBRCBUZWNobm9sb2dpZXMgSW5j
LiBWMS4wMQD/2wCEACAWGBwYFCAcGhwkIiAmMFA0MCwsMGJGSjpQdGZ6eHJm
cG6AkLicgIiuim5woNqirr7EztDOfJri8uDI8LjKzsYBIiQkMCowXjQ0XsaE
cITGxsbGxsbGxsbGxsbGxsbGxsbGxsbGxsbGxsbGxsbGxsbGxsbG
xsbGxsbGxv/EAaIAAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKCwEAAwEB
AQEBAQEBAQAAAAAAAAECAwQFBgcICQoLEAACAQMDAgQDBQUEBAAAAX0BAgMA
BBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygp
KjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaH
iImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX
2Nna4eLj5OXm5+jp6vHy8/T19vf4+foRAAIBAgQEAwQHBQQEAAECdwABAgMR
BAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJico
KSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWG
h4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW
19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/AABEIA8AFAAMBEQACEQEDEQH/2gAM
AwEAAhEDEQA/AM0deaCbiMfSgBoX06CuOeL1oAhxX06CuOeL1oAhxX06CuOe
ACd8GgQF2cxQgGB+tFXSERSERSERSERSERSERSERSERSERSERSERSERSERSE
AUJkfhQAioM5xzTuF+xoAEghSAd5e4HII7UVRSERSERSERSERSERSERSERSE
O1IZFcfKiOP4GB/A8UATHg8UCEJ7UARSYGCelOIpDRVEhTAUGkAuaAFDEUAR
XTAQbiOjr/OgCZlUk0BcY1ujH7oNA0xBaxqfuUrD5iZI1QZ2gD2osK4jHP0p
iIpG2rmmJldfX1piEIHY8UCF6dRQAmeaB3ECDPXigQ8kduePSgaGkbTnse1
AhM9yOlAAFz14oAXGfagAHXH60AAXg+1AXFPTigBARuI9aAFAAPFAC8CgBdw
zkUBcYOoNADiA20AIeIACYFIAUYpiHdqAE20AIeDigA4GKAAn
jAoCwAc0XCwUAHGeOlAJi9TwKQBj0pgFACA5J5P0oABjFAXFHtQAEZFAWEFA
WAYBoAMA9KQCnHSmAmMn2FAwA4oEAHftQADr9KBgfpQK4YFAAR6UB6B7UBcTrQAdDQAHPGKAEwBQAYx0oAOpwBTAOhxSAU0ANp
BxwaAAjigBD14oB6B7UBcTrQAdDQAHPGKAEwBQAYx0oAOpwBTAOhxSAU0ANp

DGtwKABOhqJG0B2KgsKdwEoAWiwgwKAE4FAwyKBWEpDCi4BimAcUAFIBMCmA
YouFgxxSAMUwDFFwDtQAUgExQAtMBOlIA9qADimAZApBdBkU7CuJmgLhk+lA
CHNMAoAQ0XATFADcHtTEGKBWCgBeKBhxQAUAGKAsJQAU0IKBWBB86j3FAWFD
5NVYy0HBx3piHA88dKADgdO9ACjjrQAmOOKYDiBgEfjSuAvOKAE6jNABknig
QAA8UDQgHGKAQuMCgBRQAuw5zigLDhGw6A80DsKsLE9MUXHyj1hOMZpXK5R6
24znmlzByjxAPQUuYLEqW49qOYdiVbdB15/Gi4D1iQc7BSAk+Re2PoKAHBgR
3/EUABIA7/lQAZoATLdgaAAtjrz9aBCK5JwMCgY7JH8QoAQPjq3FABvXsCaB
Dg5J4TH1pgQTA+blurDPFJjQw8HFIYx13xunqKACJt8KN6jmgBTQBHcLut29
uaaFIp73TlWP0rQy2HJcMeCAcUWC5KJkzg5FKw0xwdT0IosO46kMiuxutJAO
oGf1oESxuHiRx/EKBjs0AKGINADmJPWgBpNAirI+9sAfKP1piuNOMYFAgAxw
KYAxz2+tACACgYdCKBADgfWgAGTx6UBYBkkjpQFxCvvQAoJwQBmgBM88igBQ
MHA6UBYU80AIQM0ABGBweDQFuwZ5FAeopxQAvagBeD+FAB39qBjScDigQo5F
IBKYMXk+1AB2x2oAQgAUAJ7UBcUdKQ0wHBNMQDPegAx2oDQOnNAaBQIKAEwO
TQMU8fSgA9KAQgOetAIOhxSHoHSmJhQADmgLhjmgAHSgBTQAnQ47UAAwDxQA
nWgBe9AWEHWgBTQAmSWwOlAAKAA80AJjNAC8YoC4hI6UABANACYoAU+1AABQ
AGgBMUWGIwzSAaOGxUSNIDqg0CiwxOtAWFxii4BmgBKYB0pCDrQAYouAmKYw
pAFABigANABRqAUBcQkAUBcNwoFcTeKLBcTeOlOwXEL0WC4b6LAJuNOwgyTR
ZAFAAOKADNKwC5osMSmIKYBSAKAENNAIaACgQhoAKAEoDYXNFguHNArhmgLh
mgdwU4dfrTJuABFUZgaAFQ8Y9KYmSggCgBOT9KLAKvHBoAXA6UABBGOeKAsK
AcYAosOwojfqFNGgWFWF8+lGg+UkW3bPXP4UrofKSLbZPQ0XHyki2uB90Umw
SRIIAOpFK40hfKUUrgGxR0FFx2Fx7UgDPagBR7CgBwBNFgHhH9cU7CFAcfxZ
+tACgv6gUAOy5HUH8aADLjt+tACAv2H60AH7w9v1oAa0bnqB+dFhiLGQeuDR
YBSp7mgQKFHagCZAD0FADs47UxEFySdjEDgkdKTBEJ60iwzgigCOEbRIn91v
0PNAD6AEI3IV9eKBMoMME+3GK0RkwK8UxCADPIoAGUEjqM0BYdueM4DH6UBs
L9oOwqy5yMUWC4yxmVYzE5wVOV+lIq5bV1b7pFKwXH0DFzxQBXmk3HYnTuaZ
lwd6YrCcdu9ACKOuOooAXt/SkMRepPamAvXqOKQBjJA6UCExjmgYowKAE74o
EC9cUABOWOO3SmAehoAX260gE78UBYAeeKYAvJ+nSkA7NAAM54oCwL34NMBQ
MAmgBMZBoAAM4oAUj2oATOaAA+3egBGOPpQAAEj0osAdO1AWAUBYCc+1AADx
z+dAIDg4oGAxnHpQIM80AI2KAAnOAOlABnjAoACcYoAM5bNACg5HNABgY9aA
EAoAM8cdu1AAKAFOSOKA0E6/40AGOaAADtQFg74FAB3oASgAA5z0oAXGTmkA
YxTAABnFACY5xQDAgZoAQnBAoCzDqfSgAFAAKAFoCwnegBpOPpRYLjQQW4qJ
I0gxxrM2EHWmAtIAxRcAxQAmKYgNIYfjQAHFACZFMVxC4FFguJ5noKLBcQyH
0osFxhdj0qrIVxd5xSsFwyaBiZoAO9ABigBdtFwsGKAsJQAtAgoGGM0gsFMA
pAHamAUCsITTAXNIYlAg5pgJjNABii4CUCDFABii4gxQADNAChGPagB2xjSu
h2HJFh1J9RRzIOUg8wnitbGQfMegNNRAkjR/7p5p2QidYn7jip0CzH+Sx4zx
RdD5Rwt89zS5kNRHiAelLmHyjxEPSlzByjhGB2pcw7DgigdKLgPAA7Ci4xQa
AHZ96BC/jQAfjQMbkUgDOelACYosAoWiwDgKdgHqKBEgJxQAFsdqAI2frwaL
gSIQVHGPrQAv0oAUDFAhQfagAJHtQA1gOuaAIy1FxiqN3SgBV+U8cUAP3E9i
fwoCw24ybZjtAxznvQIrHkZoLFPSkAwfLcZ7Ov6igQ4jigYqnBFAFKUBZXHr
zVxM5IYDhaogONoFABkAYPrxQAjZHfNAABnr0oArSgxyBx0BoCxPtIAIPHXi
gB6u6n5WOPegEh5kd1weg9KQDcjtQAnJ5oAcPagYmcH60xCd+aB2HDpikIQ/
LmmAmeaAE3EGgBxORx3oAFBz2pDEB2n60AHBNMAI5oCwcA0hC8EimGg0ZPI6
0ALjABHGaAYgPY96AJAMUgEwR+NMBR2oAM80AID2FADjzQA3igBc8UAIaADo
OKLAIevNACnrQAh7elACdeO1ABnBoAMCgBenFACZzQFwXsaADAycUALjqO2K
LhYABxSAUc8UAIpOCKYCjAFACYoGAGSfagQYwaAEzjjFAAPegEKODmgBMgfj
QAckUDA0hWDIpgAJxQAd8UABGDQAE9qAEYdKAsIx9qAbBSPzoBB3pDDtQIX2
pgIRjpSAack4pgIKiVi4DiKzNhKBiZosK4ZFMLgSKQCF6LBcQvzTsFxN1Fgu
ITQAmaLBcQmnYAFABigBMUBYMUAHagQZoAWkMXNACZoAKACmAUAFIApgGKAC

kAUAGaYriEijUAzRYALGiwCZY9KYChWNGghRG9K6GkAjb1ougsKIsd6OZBYc
IxSuOwoVR2pXYC4x2ouwsLQAhpAKp+cfWmBMtog/hFa87MuVEqwqOgA/ClzM
LWFEailcdhwVfSlcLAAPSi47C0gDNABnNAC0AKMGgBQBTuA9VBphceFX0/Og
QoRewoACo7CgBmPagAxQAYoAXAoAcBQA4CgBaBCE0DALk0AOyOmQaAFwB0NA
DuMc0CGFx2FACB8dKBhyetADWKDqyj8aBXIzcwp/Hn6UWDmE/tBFGBGSexNO
wuYY+oynhUVR65p2Fdlae4ldGBkbkcAdKLCuWYyGiVh0IqGaocOlAxr8bH/u
n+dAD2GKAEFAFe7X51bHXjNUiJIgPJIFWQKvIx6UCEIyBxQAEZOBwKADbj6C
gBrqHQqR2oGMtm4MDfeXp7igLE+MgjuKAAj5cDrQLUEAx0oAQnj0FAB0oAVS
MYNACDv7dKAEJoAM5pDAnAoEAPSgYox0oADnp60ADYoC40cdaYCmkID1pgKA
ACPWgAA2qRQAo5AyMUAGPm/rQCHfSgY3qeRQAuMc0AIeDQIXHHFABnAxQAnU
UAO4HSgBOvPTFACZHWgAxmgAoATpQDAdaBB0oHYOOlAARnpQAgA6etADsDoB
QADGKAEznigBcc0AHGTQAnY4ouAtACd6ADvQApx6UAJ1AoATpQMM0CDAPPag
AJ4pAB6UWGIBTExeOnSgBOfz70BYOnFABRcVgAwMGgYmMHFAAAOQKADFACjB
4oAMUAJxmgA70WGMfgUrDTELjNZmyGl6LABalYBN1OwBmlYBu4CmFxC4p2Fc
N4pWC4bwadh3DJpAFAC5oGFAtRKB2A0BYOaAsJg0ALigAxQAuBSAXigBOKAA
mgBM07AJk9qLCDkmmGoYagLC7HNK6CzFETGjmQWHiH1pcw1EURrRcLDvLUdq
VwFCqO1AC8VNwEqrgITSAQmiwB1oGKBQAuaBCZosAmadgBSS6j1IosBfqiAo
AMc0ALQAUgA0DE6mgBelABQAZxQA5SDQgJAVHQ07iAN60XCw8GmId1FACFaA
EIxQAACgYox7UCDOKADNABk0BYM0AKD/AJzQApdF6kD8aBXI3uol6v8AlRZh
cia9QfdDNRZi5hjXrH7qAfU0+VhzETXUjHBYD6U+UXMRtI5GC7H8adiWxhyQ
T1+tFkIATimMdnNAXDcPpQFxCR0osFyeyY+SUPVTis5I1RYHXFIoRxuRl9uK
AFB3oD6igBwFAEN0uY+OxpoiRVxxWhAinDZFAh2eKAFAGD+hoHYRVwMZwKBB
wPrQCIbhCu2ZD8yHke1IZMjh0Dg9aYhw4NACZO7pQAnDD2zQNCnpjtQIaMda
AFP3Tzz6UANHSgdh3BA9jQIRh8mPegAUce9AApwDxnigBe3ORSCwnUfSgdgH
JxTEL1GAOKAE5HB6UAKRigYpyc0CsJk5B9KAFAwOe9ADieQAKAAjt2oAM5OK
AAjOBQAmM0BYDxQMOh+tAg6mgAIHFABjmgAxxQFhKAExQAuOc9qQBiiwXQAA
nimAnf2oAXjFAAPQUAIRQAnA96AHCgBcUAJQAAcUBYTv9KAAnmgA5NAWA54o
AAO1IYmKADNFwsANMQHpSAMYoGFMLAemKBBgH60AIRQAuOKQAeKAsJjmmAdR
0oCwYGKAQcUAIR60DA4A5oARQpYKx2g9/Sk0CaJLi0WO382OQMB1yajU1jJM
o7jQNiZOOtABk09Bahk0aAGCaNAswwaNAsIRQFhQCKGNIcKkoUCgAoAKACgB
MUAL/SgAwaQWFwaLhYMGi4C7SaAFCH0pXCwCNj2ouACP1o5gsO8sd6LhYURq
KLsYu1R0FK7AXjoBQAUWEGaLAGeaAEFFwA5oAMUwDFIAxQAYFABgUwEoAM80
gEJoATdTsAmTTsAqffU+9GwGiKZAUwFxQIMUhhikAmKAEIIOaQxc5pgLQAAA
0ANYlCMZwaVgBCWBz26GnYZIuaaEyVRxTEOBxQIC4FAWG5OMZz70AJz6UDDp
1IH1NIBjSIn3nA+lOwroY90ijIBP0FFmLmIzd5+6mPrRysTkMa6lx94Ae1Pl
FzFe4nm2ZDtx1p8qC45GDxhic5Hc07CADI6gCgBce9O4rDSTjNACgjrQA7qe
KAsIeBigBCcDFADgRnpxQAmQfwoAMc0APtXC3BX++P5VEkaQZczzUlig4IoA
bGMKV9DQA8UAMkGUIpoTKag5J7VZmJgZwBTJuKAOSBQAoHGKAF69eg6UhgDz
9KAGgDJHXNMRHajYZUP8JyPpQMlHGSKBMapYcnpQAoAPApDQEEUAJjGcUxBn
J5FAwUjFAB2oELkYxQAbT2NIYFTwfzoAXuM0WADx0HHemA0DNIBw4GMdelAC
Ac4JzTAUgEcGgAIOKQAASf6UATQxLJnLbcDp3pXHoRsMMVPUU0Ji9RzTEJQA
Zz0oAQ0gFPQUDG9OKYhVGBQFgwTj1pALjJ9zTASgBMjrRYdxcflQIBQAHk0A
A70AHAOPWgAx2oAQdaAA9fSgLiEHPtQAc9BQA7PHFACY560Ag9qBhigVwHJ6
UBYMUBoAPrQA3kCgA747UDDgUWAXGOlADe9AhTz9KADOaADPH0oATBJ9qAF5
zigBcc0AIRmgAPqKQ9BMcUxB1oC4oHFACEc0AI30oGNPIwaTBERHGAePSobN
lpCbB60rsuyDatGoaBgelAB34FAw5pAJtp3Cwu0UXDQMAUAIT6UAIMmgB200
tAsKE7UXQWFEZPalcdhwjPcUXCwvl0rgKIx3ouIUItAwCj0pALgDtRcAoAKA
CgBDTEBNIBM+lAxQDRcQYpgGBQAcUAGRSCwZpgGRQAhNABmgBKAA0AFFgDFA

CYp6AGKYBikA5B86fUUAXqogUUALQAUAFABigBMUrDG4xSsAuaAHA00A7apG
c09BCBTnpxRYY9cAc8GgQjSIvVwPxouIa11Evcn6CnqK5Ebxc4VCfc0crDmI
2vHzwAv0p8ouYje4mb+M/hT5RcwhZm5yT75oshXDOTT0C4HpTEISDwKQCEYX
BpgDEshB7jpSsBDb5VmjPrkUDJmI9PamJjsjt2oATBIoAOO1AApIOBQAZzQA
h5H0oCwoGMUAkKOG4FAwY9Dj60CAnY6v02mk0VFl4nPIrM1F9KQCfdf/AHhT
Ad3pAB5oBlLAQsp7GtEzOQ0HBqiBVO07TQA4HH1pAC5FAB1HNAwIIFAESnbd
4XunNAEmBjjueaAAAAdOKYheB0HWlYBuMjJzTCwmARntQAEYoAAMnI6UACgb
yelAwzQIetIEBJPFACMPm4pgBODxxmgAJHYUDG54Ge3NADzj65pXAPw5pgKD
xSATGOlAAMj2oAXPPqTTABjGfyoEKOKAExxQP1DkUB6B1oEISCaAAdOlAB3F
ACkigAUcHHTvSGkNx2PSmIUHjFFguL0pAJxTAB19qQB1osAtMYnegQh4OfWg
ABJyMUAHSgLBQPYO9AgPWgAzgc0BcOh+tAB2pAHbpTAME0hiEZNABgCmLQAD
SsO6AgdTTEJjigYgGBigQqjAoGL0oEFACHg5zQAduKADFA7BxmgBMdqBBn86
ADvQAGgBhPODQCIipyazZtENtK5dgx7UgFxRcAOKAD6UAG0noDRcLB5bHtSu
FhRCT1NHMA8QAd6LhoOEaipuMXao7UAGB6UALTEJmkAZoGGaADNFwEzSAKYB
zQAUAFACUALgUAJQAUwDFFwDFK4BimKwYoAMUXAMc0AGKQxMUwDFIQYoAMUw
DigAyKAE3U0A0k0AOQkyJ/vCgC/iqICgBQKBC4oGHNAADQAZFIBrOg6sKAI2
ljHRs/SizYcyGm5A+6v51XKxcw1rpv4QBRyC5hhuZD/GQKfILmBnZh94n8af
KK408iiwXAEd6YrgGA4oGDgYyKABelMmwNkLgd6Q7CjjrTAUAdfSgQ0k5oAA
MnB/WgYY20CIZ8q6yAdOtIZPkEcc9waAFUED0pgH0oAAc/WgQ3qaQB0IFMYu
PakApBAoAQe1ACgEnJpisI+HBBFIaZchfdEp9uazZsSDpQAj/wAJ9DQA7vSA
TpQBVuAPNJ9RVxM5IjxgZNURYFGDnGRQA7gnI4oGBbjGOaLAKMHigQpphYiT
DXTsOgUCgaJDhRzSBhgE/h0piEJOOO1ACA8UhgOuRTCwvQZpCEBx0FACEYHF
AxzAECgAAIGTzimAqjI/GkAYz04phYCM8UgDB20BYTBIpgKuCcAUgDvn0NFw
FPIoAQEH6jtQAoP/AOqgBM56UAIetArDhjpQMAMUxAelAxOc+1ArAetAWBh2
pDF7CgQAdaBiDpxTEHT6UAFIA465/CmAZ5pAJmmAo6c0AHfrQAUB6B1NAeoh
60B6AD60ABGaQwpiFzQAhxn2oAM0AFACikNB360xBSGNzTFYCKAsGM8UBYO9
AXEwTQMWkICaAEzk0wsDY/CgBehxQAh64pDEA59qYhcYoASgBTwKAGZJoAH+
YcLj3pMpDQpboM1ErFxHCNu9Z3RpYXy6LhYPKHrRcYCNR2ouAoXHQCkAuKLg
AFIBcUCCgAxQAcUAJgUwDAoAQj0oANtABtFAwwKACi4CUAGaADIoATNAWCgB
c0AFAhKBi89hRoAAUaAGKBC4oC4mOaADii4CZFACbvSgYhaiwhMmmAZzQMQ0
ABoASmIMUXAeg+df94Uhl/I9QKq5nYaXQdWFFwGm4jBxnNPUV0NN0v8ACtHK
wuiNrtz0UCnyMXMNNxI3GcfSnyIOYbuZvvMafKieZjDwadhAODQA4nBFABtB
/GgAYAACgAXrg9qYhwHJ9O1ABjLegoAQLz7UDsKemM0CDtzQAuc0WC4g5oAc
maBiE56DntQAHg0CADNADHG+NlHbtQAyBzjZ3Xv6ikNE+PfOaYrCZG7FIBWI
7CmAhG7JB6UDaEGCaLiHDjpzQMTP5UCQ1nCjBOOaQx+RjK9KBMQ88joaARYt
W4dCehyKiSNYssL1qSgYZQimAKcgGkAGgCvcrwrVUWTJEJyRj8q0MrDgpGOf
woCwhyDQAZxQFhwxxz1oGMlk8uNueaBahbpshGfvHk0hjuvY0BYXgqMdu9Ah
RgAjHWgY3G3g0AN4wKAHkjHTigCPoCTTFYcSMUBcQHAFACg54oHYcOuKAF9q
ACgQueM0hjQO470AH3T6UwD7y4pAIOOetMQvTmgYFvUcUgDjORQAvvxQMQ9e
lAhTyMUXCwnsaYDu31pAJjj2piDP5UBYTPFACg4PFAB0HFIYDrQAhHNMQpHG
RSAb2wKAFHAFMYYoEKBxgjmgBMcUrjDGBQICecUxiccCkAo9KYhR1oAQ8UAG
KBhj0oAMjigQEc9eKLgJ0HSkMM5oAQjNMQvHWkAgIxTGAxnP50gFHtQADpzT
EN70AAHNAAaBh9KACgA4JxQID6UAJjApXHYD0oEI30oGJ0zQCHJjdxUSRpBk
mKzNBMGkAUDA0CEosAZFABmkAuaYCE0AJuGcZoAQ0AGRQFhBImcZ/CnZgLnN
IAoGFIAp2ACKLCExmgYbaLgG2gA20CF20gDAoAOKBhkU7CELAUAJuoGG6iwC
ZosAZNOwhMnNIBKYBQFgxQMMGgAIouAmKACgAoAMimIVD+8X6igA3Mw5Y/nW
3KkYOQmMDFFhXDHfFACDk0wHFcdQee9IBVHrTAQ8D6UhCMQTQMAOeKdxDiMm
kMXHpTEBGcGkMAFBIA60xegvIGCaQeoAgdelMBc5UUBcR8c+tAXGqflxnp0o

Cw5Rk0BYcF49MUDG80CsKowc0DA5LYoAXHQA8UCDYA3ynIx3oAryKyNvUcr1
9xSsO5ODkKRyCMigAIOaYhQM8HigEgwAppDuN5piF7YFAB1470DI1jUdeT70
APFIVhM4XimA+1f/AEkA9GGKmRcC8eDWZoOB5+tMBqcAj0OKQCmgCOYZj9wa
aFIrEc5FaGQvqelMAOSQcUCAgDkUhgvJpiIlxLJu/gU8A9zQNEvGAOw6UgH9
Rgc0CGlemBzmgYuPm9vSgBDg9aAGHg4xTEKM5xilcdgIxxQAYGM44oEA5PSg
BSBuyBxQMcTj6UBcaeTTAUtnjikADvxxQA4kAZFMLiZ5B7UAHB6/lSAaFwD6
UDFAoAXt9KBCEZHSgAIx9KLgO68UAIQT7Y7UAHb3oARulAWFByMUxCHI5FIY
nHP6UAAOSBTEKM5xSGKSMUxCd/agB2eKQDQOOKAEx09qBisaYrAD0oAMkE+l
ACHoMUAKOaAAAd6QCggUwE9hSAU9OlACDmmMO9ACAY4oAU8UCsHGfwoAQj0o
ADnoBSBARggUANxx6Uxi9Oe9AC9KAEI44pBYMUAJnBxTEKMYpD0BelACE5NA
hM0x2FFABxxSAQjnGKYAaBWAjikNCKNpzUyKRJuNZM2QZNIAoGIaBWCgBOlA
CFsUDsCyKcDnmnYTFNIBCAegoGFABgUAGwZ6UXAXFIAxRcQYpgGKAENFwDig
AyKADIoATdQMTdmgLCE0xCUXGFIAzRYAzQAZ9KYBzQAYoAMUgE6CncBc0gCm
AZAoAQtQAm6gA5oATBNMAIouA6MfOn1FADRxWxzWAE496BBnIxQO46NN7Z6K
OpoCw52yRjoOgoEGOKYxHHANIBg+nFMQoXJNAJDunU0hjgQBz36UAIp4xQIc
BkdKYCEAigBO2D+dADlGaAsIyndSCwwDBx27mmFiUYBxSGKMHrTFcQ7c0gE6
nAFMBQcYGOcUAAYjrQALyfQUAKRuP8qQyGI+W+w/dblfb1FOwExXDYFAAQc0
AIMZ9qBWAgA4oBARnGKQxdozmgBMDHSmAcFsAYoEAGBgAYpDGg7WBAwQc0mh
pl8up5JHNRY0uNaZFA+b8qdmLmQxbhS7YGBx1pWYcwhuOeBRyhzDPMZjjHem
oi5gfK4x+Iq0QxAeMdvSmAE5/CgQ1wSOBn2oAHBI8pT2+cjsPSgbD5VAA4Ap
WE2PHIoHYcOoHSmAmcnBpAK2SODQIacbee9AxAM80AOHrQAjnJyR+VMQADFI
BDkH0zQAYI47UBYdxjFAxQOM0AIo5PFAC96YAAAKQWDgdqAA/wB6gBcZ60AM
HynGKAFPJFACk8Y6e9ACd6AEJ6UwFUnNACkUgEIyBx0oGAHNAg4zigQHqRig
LAAOmKBinrTEJwetIBCMcUAJ6+lAwoAXk0CAc8GmAHp70ABGRgigAGR9KADO
eKAHYxSAaPpigLCk0wDNACfTpSGLQIKYBg4oAQDikCBuMUDE60AGKADqTTEN
xkUAOHFIfoBBxQHqB6DHSgBMc4oEJyCaYB1OBQAh4BoAXHGKAD7tIYUBYO9A
CYzQAvAGOtACHtUyKiPxg1ibB+FAC0AJigBDQAmM0ALs9qBiFBkYFMAANIQu
KADAoGGVFACbhQITd7UgDd7U7AG6gLCFuaAsGaBhzQAlABQAnFABQAUAGCe1
ABtouAbaAFwKLsBMgUAJup2ANwpWAQsKdgE3elABk0AGD60AGBRcAwKADI7U
AGaADNABQA5Dh1PoRQA08YGK3uc4Y9BTELtyKAFUlUKjoaVgE4xzQAoOD14o
AVj+NACDBHSi4ATt6CmApHHPWgQhwT/KgdxR8vAHNFxD+QaQWDvgUABwoxQM
BTEGM9KAAAGgAwAaADgHnvSCw0ZLY7UwF5DkUAKQAaBgAA+W6UCDoaAsA+4f
WgYx1GMdO4PoaAuSI+4Ddw3f60AAzt+Y4xQITHPvQAY5z6UALgg5NABjAyaA
BuaAECkAY70hihSB70AAA6YoAXbg88ilYYbFb+lMLiED0we9ADlAFArgPvfS
gBeASe1ADScUxMO4I4HcUAK7FOF5dug/u+9ACLHtTA55yT60hgcvx2HWmKw4
Y6UBcdkAAH86AGZweOlABzuHpQAuOKAGrjpQA4n0pDA8jj8aABQAKYCtz7UC
GkE0hjsUAHO3Hc0AKMkdelABnn6igBCOMetAATximAoORSAQ8+1AC+xoAUjO
fagBpGTQFgPGKAAj8qAADn2xQAAZ6UBYOe9ACjkcUAJgDJFACqec0AFAhD27
UAKOaYxMYpAHqelAeogwRQHoLnGTTEJ3zQApOTQAhzn2oAM8UAGRQAozQAYy
MGlcdgxx04oCwgwaYg7UgFPPXrTAMZBpDA0xCA4HNILC5oATHQigLBjmgAos
MQgUxC4x1pXCwHmmA3OB7UAJ26UAL3oAAMCgAxk8UBYTHHNACgUDA9aQXCgA
zg0xDTjNKxVxGP5Umhpk3YVg0aoMUDDFIAxTQCfKKADIFACb/agBC/tQA3Jo
AQkmgAzzQOwUAGaADimgEpaALQFhOaADBoAXGOKBBxQMTIoGJkAUAG6iwhC4
osAm/FOwXDzBS5QuG8dhTsFw3E9BRoAhDH2oCwBD3NO4rAEFK4xdoouAoAFI
BKAsFAARxTAQigAxQFxcUAIRjkUIBMmmA6P76A9NwoATjIzWxzhkAe1MB+cd
KBAWGOlIQhII6Ux6ABg4pAAPY8UxCEYAFAC44GelADgMjjrSGIeQR6dqYmKg
ByTQCFPIxSGIM55piFIJPrSAP4hxTAUDk4oAXjd7YoAQ80AJtBPFACqO3Y0A
L8ucUgEPBpjF2gjNAaBjj+lAAwB+lAgABBDdKAIhlGw3XsfUUaASqSRz0oCw

gIHWgAHPPAoAdjPTpSAMcdeKBi4BFAB7DrQAdTz2pgxMAk47UCHZG3I+lFgE
HAyPwpBcQZPToaYDhz0FIYA/MR0NADG5fBP40xASfTIzQFh2So+UDeeg9Pc0
DGoCCS2d3cmgB+TnigAIxyDgnikAm05wfzoCwpBJ46d6AsNGBwOPagQ4jIwK
BgRmgBMY7UAKRg46UxCg4PqKBjSfTpSC4oHIbt3oGiS4SNAhifcG6g9QaLCd
huAeRTDQBg/hSAAAOmRmgBp5x7dKAHDpjHNAWDHtQFgA7CgBRjOO9FgExk0A
Lnk+9MAFACEZH09aQAvrQAnQ5oAXp260AGMUAHsKAAdKYCAYJFKwAeMUXCwH
HpQADGB60xCkgDHrQAHk8DHtQNCHHpikCDGcUABI9KAA4xwKBCHoO1MA+goA
UfSgBOgoAUd6QCA0wAUgHdqBh0FACYFAg60wD60ALigYh/SgQYzQAmKADvig
A9qADkfSgAIymc0hiUxCcZpDAk9qBWEJOOmMUDAkkYouFhASeKLjsOPtQKwd
cYosAoFADH60ANYUmNIesgwAO1YyNoih80hi7qAE3e1ACZ9qBhye1FgDmmKw
mDSANuKBht9KADA70BYMCkAYFFwDApgFIBMmnYAyfSiwCZNACfjQAlACcntT
GG00CDZRcYuyi4hPLFFwF2AUrgLtA6Ci4Bg0AGKADFACc+lMAwTSANpoANtM
AwKAF+goATn0xQAfjQAmKAsLtouIaykdKBoEGXUe+KYxXGGwBWqZztWEJqiL
jgDigdxOpxQA4DHakAmccGgB2BmmJAeDj1oACCRQMUEDBFAhDj8aABR2oAUY
H1NA7isB3H40AI2RxQIARu5ouFhckH1oAXORxwRQMTPFIGBOTxTELjdweKAE
OVOPSkAoJOPegdhw4GMc0wG7sUCAEnrxQAEg8UAhGQOu00DGKSoweQe/pQHo
SKQxoD1HBRgk0gADsKAAA84FMLC7cUAIOCfQ0WAOgwDQIVQp6GiwxMYXnigB
Rg8UgG7trFR0HOaYhQeh6ikMUDdkt17UANxu6CmIVePu9fU0FJDkQKeuPf1p
CAjJIHAoACuBxzQAHnp1pgHII9KAEGVzmkAEA89DQITJz7UAO6jHSgYE5yKA
ActzQFgxgY9aAGkYpgKpwMUALwOtACEjtQAoxjkc9jSATnjIoCw4Dr/KgBc8
YIoAKAGgkt6UwFwDSAPpTAAcnGKAAjPGaBAevNAxB+nagBc47cUgAAAdKADv
9aADHbvQAoGKADFAAMdKAEI5oAMUABAz0pgDcnigAFIAAoFYQnsKAAHimAuM
0AIBkUhiHj6UCFA59qYABzQAuKADGaACkMKAAYPagVxhYDigdhQSRRcLCimA
YwMUCAelACdDQMMUCDHFAwPIoEhDxxSGGMimICOOKQwPJzQAnJPSiwCdRjHN
FhgcA0gBTTE0KxIIouFgBoAD0oAYaVhjkGR071lI2ixwX0FSUGD6AUXAPakI
Q5pjDkd6QCUAFABigApgITigBC1ACbhRYAzQAZ9qADJoAOaAEwaAF20XGKFF
FwDpQICcUgsJmgYZoAXmmICDQAm00gFwKYBgUXAOKADI7CgBOaAEzRcBQAaA
Fx7UAIR+FFxBg07jEwKAEBA70AG4HpRYQEM3ABoAaQUcZGeenrVDRI4wMntV
RMWhuAcEdK0IsLjoPWgQKOee1A0KeKQCDDH5uKAHAds/Q0AGefWgBrEdqBAM
07hYXHcUh2HHgDgA0xXEOTwRjFIABJ69KYwJz2pAC4zjFMBcgN9KQrick+1M
BG5+npQA8YGB60gF4B/rQA0AHPvTAdkcD8qQ7gclgO9ACYycd6YgwcUDADjJ
FAB9elAAcZxjg0gE2DJwcfSmIUFlPI4NAC7hnuMUAORh2PWgBaABs4BGKAEA
wckUAJkZ6UAObkdPrQMaSAMCkA0KSeBQAuAByQPanYB2QRxQAmCcZP5dKLiF
XIPNADjxxQMQbi/PSgLCAEg9sdaAAHP4UCFOCDzjjigBoBwOfzoGNbOCRSEO
IPBHTvQAo54oGO2ccdqAAgdc0AIenoBQAnU8UALj5qAA89qYAFBFIAYYA+tA
ADxnOKAHZGcYwaLB6iYwetMBSKQCcbeKAEA9qBWAEA49KBiZOeBTAcORxQIO
BSGLkYoABx06+9AA3X3oGJjHXp60CFAGKAAYoACewoABjFMA6jmkAZoATnPt
QAZ5oAD2pgA5FAB060AAA6CkAo9KAGnvjrTFYMHA4oAXtigAAoAQ4x9KAA9s
UALQAYoAQ8UAG0ZpWGAFMBcc0CG5oC4uaQAcGgYCgApiDrwBSGNwfSgBQPag
BAKADHNABweDQAHrRcBCAelFgEAosAvBIBoAaeWwKAFzzigBDxSGKjAEgVnJ
GkGOyBUFiE+9IYZoACRTAbuFLUA3c9KYBuNACfNQAc0gE20xi7aVwDYKLiFA
GKADAoAOKYBkCkA3d7UwFy3pRZAGGo0ANvvQAuwUXACAO1IAyO1ACZoAM0wE
yaADk0wDmkAgJxQACiwBQAD0oAXPoKYgwxpaAJtc9BxT0APLfuwFK6AcIx6k
0XAURr6UXAXAHagBaWoCEAkHGcHIqkA+Vfm+tWjNldVI9vatCGLz0PamTYQ8
HGaABuh96QMFIORnBFMB3OAenrQALhh9KAADIPtSGICGGO9ACjr0osFwznFM
QrcCgLACMYpDFwaYhACB2oAQqC3GaAsGT0GcUB6Cc56UAkPGAM5/CkMM8YHe
mIUdRQMf05AoENJyMjqKAEGQcHqaWow6YoAcVO0AdzQAnI420wFIweeBQIUj
BAI69KAEAzwaAEC4GSKBiFPQUgDacd6YWAlh3oFYPmJ5JoCwAH0z+NAxQCeg

HHrQAEsBnIA+lACgE9zQAuwDp0pDFK9D270CHBRjp16UAGB+IosAgIzj9KYC
nGOKBMaG5I7GgBDyflHFIYjfeGRQIXbke1AwGCMHimAHHbtQApYUCE64IoAU
HjpQADGMetIYAetADkjLvhOmOSe1FgExgYBpgCkAYxQAfKVO6kAgAxxzQAAF
TzRcLCnAOBQApHGKYhoXnrigAyemKLhYUgHGeMUhjiB26UWAQCmAmM5x0FAh
ev0oGG3vSCwHsaAAgHpQFxCOOtACigAAoAMcc0BoHUUAHfpQAh70CFwaBic9
qYWAYP0oEHFAxQR+NAg69KAEI55oAMdqACgYdeaBAfpigYg9KQC/hQAdBxQA
ZzTC4HigBMZoELzQAnagA9qADtSGHWgAxzTAUcGgBB14oAKAEHWgAOM+lIAx
n2oATp0pgIeaQhR0phoJkZxQMAuOtIBAetACNiiwCJ9/0zWc0aQHGszUMCgA
4osAHHTFFgEpAHSgYbhQFhN/oKYgyfSkAZpgABoAXB9KLAAHtSsAbKYC7QKA
DgelABwKNQDNFgEz7UrAFAATjvTATd7UWATPHSgBBQAtAC5FABkHpQAmSego
AUI57YoABG3sKBCiMd6LgKI19KAHBQOgpAL0o1ASgAoAKLAJzQAUWAKAE+lA
E8oyuR2rVEFYHr2watMhoaR37VRNhMYPIoAOM0rAKACeKYhwHGO9AxBjoO1A
AMr34NIBAPSgBckimLQXHGGoHYGBx14oEIBgUBYeKBjeAPSi4rCqDjP5Uh2A
ggj0NMTAgKOec0hi5HBx+FMAK8DHUmgAK4b0oEObjGaQxP4sUwFwC2COnSkA
hzkZPAPFMQNnIHYUABPTmkA8ZP3qYwxxyaADA3D9aAAk45xigBTzSCwhHOK
YCBOOaBC8gYxQAgOOnSgEKTtHAoGJwxwaQByr4xwOlFgH5ODjt2oATnPA4NM
Bc/L7UCGhSBkUAKcE5xgkUDALx60gG4PXoaAFLcZC80AMByaAHk4HHagAznk
igAxgDigA2ZHpQAA9u3agBeAMUAIoyM96AFORwKAEyd2AcE+lMLCtyBt60AF
IA9jTAUcdKQwIzQIb1TPegBxGRx1oACuSKAsBGevFAB0PPNAB1IB4oAMDPrQ
AEDnFACAY/GgB2O3amAm7jAxQITPYUhh0PSgAAz+FACr09DQFhe1FwEHSgA5
zimITjvSAViMAAde9AwHNMBMc8flSACe1MAFAhQfSkMCcHBpiEGRSAOlMA44
oAUikMToaADtQAYBpgHQ0AJ1oEKemO1AAT0AoAPpSGGMCgQhGaBh0oAOtMQp
GaAADFIYmKADjtTADSATPNAwxgcUXFYQ9aAADmmAAfnQAHnpSAaRQA1ufwoA
TPI+tRIuA7j3rI2QuB2oATigBaBCYJoGGw0AG31xQAbQOpoAMLQMBgdqBBux
2oAXJoAMmgBM0gFzQFhM+1MA57UAABoADSATj1oAQlaYBn0BoEKFc/w4oGL5
bHuBQAeV6tQFxRGg96BDwoHAFACgYpAITQAc0XCwfnQAmKADNACEigAJ9BTA
KLAFKwCZp2AQtjoKLAG4miwBRYCZpkIx1rXlZndEJA6iqSJbG4JNUSJ9etIA
AGQaBCnrxTAXovNAxAcGgSDqOB0pAHUZpgBOBigYHPHegVhSDQAp6A46UhgD
npTACMAgjrSAFG3Cn0oC4Z3celAgOdvtnpQOwDpyKYDs8ZzjFAA44z1FAhSC
QCBQMTHGcc0ACndknigQqgE4oAXGOR+VAxoA7flQA4ZC5FAhM5xigB3bBFAC
E44oAXIxQCBjuPPAxSGOyMACmA3oSPTvQIMYHHSkMQgr7g0AJu9qYri53GgB
/AGD3oGHygcGiwCAArjpSANuO5+lAWFB9qAEAyP8KAFyB70wEAxQBGy7cY5y
aQDh1x69aAFXjgjj2oAdweMfSgBCT+HoaLhYQ4HI7UwDGaQxRle1AmGOcUxA
MZ45IpWGL07c0DEHJyetAg5zwOO9MAAJzjgUAKOoU/nSAXqMehpgIeORQIOS
OKAEXnpQMdjIpAJuB60xBjikMMHNMLCkEjigAGM4pCEIBIpjAKtKwAOmKAsG
B1oAM9fQUABPIx0IosACgAbA+tMBCeOlACE8DikIcMUAGMD0oGA60AAA6UAG
KYBjJzQAY7UAJjHFIBcDpQAZzxTAT8KQB3xTEHekMU0AIBQAppiEyAKAE6AA
UAO60AITQAd6AEPtSAWgYlMBe3NACe4FIAoAQkUxCcjpSHYKAACgABoAM4OK
AEIpgNIpAI/YZxzSZSH7PesdDZBgD1oYEbvtOAKaSGiIyNVWEOV3JxnAqWNI
l3VIw3UABOe1AAOaADHpQIMGi4ABilcYuKAEJUdaNQE3qKdmK4hkHYU7AAYn
oKQCnefagBAhPU0XAcIx70XAcEHpSbEOAA7UgF6+1MAINACYoAUDFABkCgAz
QAmeelABmiwCE89aLAJkUBYQsKLAJuPpTsAuTRoAUBYTNAAQaADFMBQAKQBQ
MYCM4rpOYceBgdO9AARzkcUCGAljjFAAABQApB/CgLBg9OooCwDGOetAxwOT
0oAMHHWgBoOe1IQvGQR0oC4ufQUwAkjFIAxyfX0pgL16igBOhyelACtwOBge
tAAwoAByPXFAwwCCDQKwuTjAFILiqcrjOB2pgITQAuMjIoAUEYz6UBcAd54o
ARh60DEH3sY60CH4HbkUAJz+FAWEwQeRkUALgkcD8KAADI6YNAWAMAM4xQA4
YIyM4PrQA1sDAGcUAOxkADmgYmCDQFgOBk7aAuGVbDYoAMZNACnG7ikFkLwa
ADgHigBCD1HegBRyKABgCKAGgEnmgBBkN7HvTAUfleOtIBy/d96AsGMnB7UA

IRxg9KAFB4AAoAUenUUABHPBoAQD3oATGD1pgGKQDjz0NACZwelAAe3P0pgA
OaADPagBRjsaAEHXigBeSvFADMcgmgQ4kggUhhngigAzgYoAD0460xAOmKQ7
B06dKADqeKABxgcHmgAODzQAc556dqAA+1ACNyeaAAk9qAA8fSmK4AUBYUHJ
4oGID7YNIBeooAQHtQAo68mgYY5oEGOKADn0oCwHOOlAWYAZHIouPlDBPajQ
LMMc0XQcrDBoug5WGDRzIfKwAJpXQcrDGKOZD5GAXNHMHILs4zS5g5BNnNHM
HIG0dqXMHIG0Ucw+RAVx0o5w5ELt4o52HIg20czDlQbRRzMfKhCopczDlQbR
RdjsBHHSlzMLITAAp8wWQnFFwsiPd82AKcWTJDjyK0Mxv1oACaQWGNSY0S54
rI3Q05pDGspNFwGiMUxjggFSAuKBXDgUAG5RRZgBb0FAw3H0oEGTQAmDQAuK
BjfLz0FFwFERAzijmEL5eBwKLsBVXHWlcB2AexouAoHtSAUcUCF70AJ+FAC0
wA0AN49aADIoATcBQAm/ngUWANzH2pgJmgBD9KAACgBcCgAp3AOaQBigBeBQ
AUAJQMBQIMUARjGa6DnHAnHAzTAG7YpAJjB4pgL2zikDQ07u1OwhyZ/GgBeM
kAYzQAhOOPSkMQuCKdhXHHgcAUAA5HSgBQePagYhOVx0NAgLAL0/GgBWIHT0
oAM7sGkMVueB0pgNJyMd6AFzg4FArg3TI6igY4jaV9D+lAg4Bz2oGIOT06UA
OJGOODQIEOAKADG08d6AEPTkZoAaDkfWgY8AgYzg0BYcFypGOo60gsIBgLnr
3FAB1yBTFYVQe/UUhgOmexNMLCMNpHoaABgD0zSEGCp4/SgYueCfagAUbgB3
96AsC4C8j8KLAKBkc8UABH8ORQAKdrle1AADjinYBcjoORQAAjpSAaw9KAsG
eeaAAcDFAAcFvTI4oAVcde9ABnNABxnBFAC45oAFA3cUAIT822mJBjGaBi4A
6ilYBG4IAoAPYUALg/hQFgYcD0FAWAbexoC405Uk44oAMDtxQAoBxQIUNg4p
gIx5GKBi54oATGTxQAv4UgGkHPSgLC4JHTmgdg2nHQ0XQWYuDjgUroOVgQTR
dD5WJgc5o5kHIwxRzIfIxQOPSlzIORiEDHfijmQcgjDIzRzByAq54o5x8grH
bxilzhyCJg9iKOYORC45xRzD5UABIo5g5UKFzRzMOVC7KLsLIUACldhZBjii
7HYUAYouwsGBRcLCEUDClcAxQAEe1ABjjpQAmOKAFxQAYxQAvagAoEIeKBic
0AHJHSgAGcelAAQRSAMHGaYCdKAAg+lIYAE0ABU+lAhCvtQMQrjmmhMbitTF
jSOfamIXK9KQDXAK5xQMUMNo4rFo2iBf0WkOw0lj0UUDGkvnsKNAE+f1xRoF
hQhPVjQA5Yx6UrgOEZ9KAFEZoC4ojpXANgoAUIKBChcdAKAEwc8ilcBaADGa
YAFApABIFACbl7UwDIoATJosgELHpQAmSaLAHNMAPFACdaAFC0ABwKAG4zQA
oFFgHYoAQmgAxmgAHFAC0DDFIQnApgGc0AGKQCZpgA6jPTNADCuOe1dJziqS
vI6GgQgyKAsOzgc0DBwFANIBu7kcYpiHNnsPxFACEjA9e9AWF28fyoGIFB47
0ALgDAPWgQAelAWADJxnFIYNkjHHFACkcYNMBCMcUAC9c0CFzyKABsZzjBPp
QAAgnNADmODxQAZzjNACZByD0oAcpAFIYgGTTEKw6DHegBeAQCPxpDEHoBx2
oARVBz2xTEOAA4JoGOAAAHakAmcg47UwuBwDkD60ALnPSkADpgdBQAHBGD0o
ATIUHvTAXIHT0pWAQDHXkGgQKc+1A7AcDjtQAADB657UAL39qYB0JNADWwF4
6+lIBwIHSgAPy8YoGIDnigQuMcmgYgHHpQIG5AHTHSgLATxgUAGfXpQMcCO1
Ag429+B1oGC8ngY4oFZiLyeQRRcdmKBkUXHysGVucDj0oug5WBQkdOtK6DkY
4IRj2o5kPkYnltmlzIOQPLY/WjnDkDZgUc4cgrR5I5pc4ciF8sdCaOYfIhNg
3Yo52PkQ4xr6UczDlQgjXHIo5mPlQBV34xxSuwsh+xfSi7Cw3A3YxRdhYcFG
OlGoAFwaWoxrLQA5RxQAY9qAGsoPSlYYmw54FABtOKLhYbtNFwE7c0xCDhqA
B2AGaVxpDPMCkAnrQFrEiYYZFGoEwXimIbtINFwsOxQAbR3oAMCgYYFIQALQ
MMCgAwKQBgUwDigA4FABhfpRYBPloAMrQIQlaBiblPSkAm4Z6UwF3A/w0CDd
jtRYYbiRnbRYQhY+lABuPoKYCZIoANxxSsAZPrRYYnPrTEIR6k0gAhT1zTGN
lwMdquJlJCAAVZAhAJpANI96BioCV4HespGsR3lsfaoLFEZ9aLhcPLGeuaQr
ihU9KAuLgDoKYBkdhigABJpAGKADbRYBcUAJwO9ABuA70AG4elABuoAaWNAD
SxoCwZzQAoFAC4oAaT6UXCwmCaBi9KAA0xCAUmAtAwzTEJQAAUgF5pgGKVws
GKACgAxQAUABNMBKQBRcANMAIoABwRRcBuMZzXScwEYAI6UALnigYnO0ZxxQ
AhBb8KBWA+w6UAKDnIpDQhKjpznrQIXOR9KYCoAG9KBiNwcjnNIQo65NMBMh
hmgAX72D0oGBO3jP4UgEL8mmIVSGB4xilqUICRnP4UxNDmxgZ70CBeDyOPWg
EBIIoABgkY7UAK/SgBORRcB6ntjk0AKQdvpQFg5zSAGAU4B60wBQM470gEPU
AUwHMVHBzz6UBcapJOemKAsLnJOBj1oAQsQcYoAUk5PGKQxACTxQA7qvA70A

HBGcYPcUwHL6UhjQDnmgQEDP86AD+MEUDsBBwR6c0BYTnbz3ouFgyARk8etA
WHDB+7SukUoti7GODx+dLmQcgbOckijmDkDbg/eFHOHIgwvQsPzpc4+RDtq9
2FHMx8iE2JjrS52HKh21aXOx8qHBVB4Ao5mOyFwo7ClzMLBxRdgMOM0DHKAB
QAvGaAAYoELQAY56UwALQAYzQAEUAG0ZoAMAHpQAuKAAKB2oAAvPSgBcUwDa
OtIAGB0/U0xCEj2pDEJBpAAK+opoAytFgDcPT9KLAG7HaiwXELe1KwXGkk9B
RYZGd5/hFACbXJ+7QAMhK8qQR0pMEVWjfJBU80JpFMsRAxquec8Gq0ZLRIGc
8ZoEOG7u36UAOH1oAX8TRYBKADv0p2AXA9DSsFw4osAmKLAKRRYAwKdkIbgU
gExQMMe1AB+H0oAGOccUaANB7U7CCpKF4xQKwZ96YAcYpXHYSgA4ouIMimAH
2oGJn2oAXI7A0hBn2oGIc/3aAGtnODVxZEhp4OKsyDApgJ1/CkA6HoQOxrOR
rEcd1ZaljTuPHSgAVGB5NO4EgWkAm0UegBgD0o9QE3KKAAv6UwE3etILCZzT
AOaAE2knmkAuAKYCfSgAwTSATaKY7i8CkIKYBnNIYmKLAGKBBimAuKQBigAx
QAY4oAXAoAOKADimAYpWAKAEIpgJSAKYwpCCgBKACmAUhgOSMUwEBIrpOYQD
J69KBCAZGQKAAqduQO9ACg5zg9OtIYdwPWgAYYXtTENQEnGM0APxg4z1/SgA
AGcD86AFwOnbHFAxCAAPegTEwMcDpQADt60AK+0kevrQAwDnp0oAkyDztx7C
gBu3mgBVznGeO1AeobeOD1oD0EAGPX0oAASFz70AGcigB425AA+tADiOcdqQ
7Ck5IA6d6YgAwOOgoGITyOOKAFULn0PrSAaR2HGDQADk8/gaAHqcCgCMkBu/
NMQp56npSCwMM96BipnPPQ8CgBF+7n3NS2y4xQu/H17UuZj5RC5DDj8aOZj5
ULnJGOc0XYcqHAZ6DB96LjsAG7pxSAXYDyetMBNg7flSAQxnGKLsYojKrgcd
6QBswfvHHpQAbPQ0ANcZ4CH6k07isNjTOQ4oGSBFPbj0pANMbKcrk+xNFhpj
lYg4KmlYB6uO6/nSsA8Mv0p2C4u9R/8AqosFw3KexosK4bgOgNOwXDf/ALNK
wXDf/sfrRYLhuPZaLAAJ9KdgDJ9BQAZb0osAuTjoKLBcMkdhRYLgXb0FOwCF
iBmiwDgGPU4osIOR0Y0AHXvTAGApAIAuelAD1Ax93NMBrjjp+VADAB2WkAqg
+lAC4oAKADFAwxmgAAFAhdv4CgBrKcUrDRCwx3pWGJgUWC5Io54oEPAPpTCw
Y+lABkeooATI9aADcPf8qADdnoDQAZwelAAGyelABk+lACHcfQUAJk0ALmiw
CA+tFgFOMdTTsIaaVhikLngUAJx6UaAGAe1PQAx7CloAflQAn5UAITQAuRjr
QAcUAJ9M0hhmmFgxnoDSAPmPai4EchdQDgYzg04sTQZGfatTBoQ+lAxAcZoF
YdAcOQehrOSNIkxKiszQYXA6LQAbyegAo0ANzHvQAhJpBYT6UwDHrRYBcelK
wBtzTAAAKLABYDpQAZJoCwmBQAfhSAKYwxQIKQBii4CYoAXFABigAwKAFxQA
lFwFouAlABRcLBQAtABQAUAIaLgIaYCZoAM0gEoAKBiUAFMQDORTAafQ10HM
Io2/Q0AOY46dKQ7iZPTP4UxCquRnpxmgLDRgHNADsH8KAsHI6cUD2FHI6cCg
AGAcDgUAIx4ANAgVuKABsgg9jQMdwck8elIBuOKYhDnOelAxUJOQOaBCqQSA
c0AG4Lx/OgBVHB69KAGcgACiwXDBU89KAsKF+YHoDQFrEmACTQAobIwOtIBD
nAApgO6Yx070gG5O/PbNMAxknqDQFhy8j1GMGkMTcoHTI7GmK4inB60ANY/N
kUBcXcd2e1FguOJDZB6EUhir93k8AcGgBEP7tSO+aiRpETCnnGPalcoMUDHA
Y6UgsOHPWmIUUgHDOKYWAigA/CgAouFgwM5I/CgBQATyKQBtz1HFMYuxOy0A
LtHYY+lAg2gdjQAmwds0DF2jvSANo/CiwgwKYCgA9qAAJQAbKAF2UAG3HcUA
LjjqKAEK4xQAu0A0AG0YoAXCgUAIQPSgYBM9vzoEHPTFAClWzzgCmA4gDjj6
0WC5G231pMBFPf8AShMCXcoGFyfemAxiCOhpMERhTmlqMeOOgpgIS390fnQI
QbiegFKwxQW9BQAHdnoKYCjcPSgQmXPpQMRi3rQBGyg9aVguGwClYLjwMdKd
gF2+tABtHpTAAoA6UrgG2gAxj0pgGBQISgYZWlcBQVoACR6GgBpPtQAhPbFA
ACQMdqADNAAD60AB470AHHvTAbke9ABxnkUgFwo7UWATj0FAAee1AACR6UAL
kkdaADPvSuOwfjTEHOOtFwEwe2aQDWUsuCKYDduAM9quLM5oQ1ZAh4xxzSGI
nD+2KiZUCVvasjUQLzTQC4xRYAJ9KQBgUAGe1ABkDrQAm/HQUAJkmgLBigAo
GFIQvamAlAwpCFxmgBcACnYBPwpWAKADFABQAUAFABigAxQAYoAOKADIoACR
QAmaYWAmgBKAEyKQ7CEimAZpAJzQAuKBCAUxi0AJQA0EcA9fWuk5QYY6jg96
AAjI4oAVQO4oABlcjt6UAAGe1AC54welAARjHcUDF6DjvQIaSTQAFfm9qBi4
AGF60AAJ+6aBAQQKAEXJGBQAgBPWgLi42rlenegBVAbrQA4gbCMc0AIDlQOl
AAQQaLAIcngigAPFAAG4xQA5Rk46HtQAvJbHTFACjgnHXvQAEEnNIdgJx1/S

mAYOeByetILDW5OBxTFYMEj/ADxQAZB4x+NABjPQ4xSAcQQOMYoGMOdp54Ha
mJIFzsUEYArORvHzHhlH3s/lUleg4OnTNKwAXQd6ADevY0xC71HTjNFwAOOM
ZH1ouFhd4B4NFwsJvB7ikA5XAI5FAC7zntTAXJ9sUrjDJzwRimIdnpyKADPP
Wi4WDOO4/Oi4AT9KAAHntQAZHrRcAJB6NQABgO9ABvHvQAu8ehoAQvn+GmIM
n+7QMXJ/uigABf0FFhB8x7gUWABu7niiwC844JosAbSf4jRYACnHJOKdgDbj
v+tAC7KAHCMEZ4oAQx88YoAQLzigCRAKBAVHTFAyMjBxSuFh3FACHHHSgAyB
3oGG5cUCE3r0xRcYF1pAJvHpTAaWyPu0gG4I7ClqMXnGMCnqAoJx2oELk0AI
Sx70wDLGkADkY5oAQgelMBO1Ag69KAExzSGOAouAYpXAKYDT6AUAH4UagJk+
1GoBz0oEC55BpgGKQxMc0WAOKAFx7UXATGaADByKADHPSgAxQAuOKADvRcAJ
4wKADPFAACT2ouA1wSvSqiyWiP61oZCHJpDGr98YqJFRJwvHNZGoEelACEE0
wACkAU7AJ/Kk0AhGeKAEwR2oAUCkFhcUwF7UWAb9KAADmkA7FMBcCkAmKACm
AEelIAxQAYoAOKAEyKADNABmgAzQFhCfagBCaAEzTAM0DCgA5NAhcUgExQMK
dwCkAUAJQIKAEJpjAHFADOAOOBXScooyR7UBYOOMUAObrhh0HFAxu7nDd6BX
HDgYoGLjK0CsAI6etIYZ7UxDWBBPPSgLCrg4xnPvQAoAHzfhQMCQVwG/GgQm
AOv4GgBQFGSOlACEkDnoeaADIOee3SgBANvegBQxJ46nvQAo5GMUAgIJ70AA
70AIQeOKAFxge/egAB+Tp8w70APByOeKQxPufd70xDhgHpikAmcmmCEJw3zH
Hp70AgABHegY0n5gBQJAVIb39KAFxlsg8+1IYE8dehpiEf7jEDqKBokJBVQP
SszZIQLk4qeYdhdgxwKLgKI/akMcEA4IpiFwOw6U9BCkDA4pXGLtBGNoNADS
gI5UUAARP7tAAVXOAtPQACgjheaWgChF64NFgF2L6UWADGh7GiwXDy0HY0WA
aUXPANFgFwOlFgAIPTigB4Vf7opgGADwBQIWgBKYCg9s8UXAUAUgE4ouAuVJ
60ABIFAwyMUaiFyABzQAhcE9T9KAAMPegABXsDQAu70GKYAGzxQAZYdDx7Ug
EyScZoAUBx0JouAhD0BYNp7/AM6AAg0ALt46igBNoFABxjqKAA4HegYhZR1O
aAAbT9KLiFwPQ0hjT9KAFGPTNAB+FAADxQAjFsjAoAMk/WgBOe9ACEUAC4zj
1ouICcHpinoAZPagBQD70hhzSATB9KYBg+lAWGnNAC4x6UAIOvOMUAKTxjOP
wpgIDkUmAZycZGKAAkGgADcYFAhu/j3oGKWx1oCwgYEUAG734oAN2KYAHGOQ
RSAQMc45oCwoY8jmmIMvgDBzQAnzngimgsNPPHpVIyaExyDTAb/Fn0NTIqJO
pyKxNRDTuAn1pAHX6UAB4oAP84oAMUgD6UwAClYBcCnYA4FAAQD0oATbikAu
KADAFMAyKAEyOwpAGfamAUgDNFwEouFhM+9AwzQAmRQAZNIBMGgAxTAABQAo
wKBC0AAosAhoASgAyKAEzQMQmgAzQAmaYBk0WAByRigBinAwa6TlHoc8fnQC
YuzHA6DpQMQtnigQBQ3bpQFhQM9OgoAXPH1oAR8DpQMTNAgJIGAMk0ACgqen
40Ah54GMdaAY0H5SuBk0AIoKgdcUBYU80AHJA9qAEK7hnOKAFbBXjqOtACE4
YfTtQA5c5yOBQAE4PHegBwwFHvSACM8DtTAQqcn9aAF4JOBigBQDkA9qBikg
cYzQIByKQCDp060wuKRxgjIHrQAwnIoAaOtA0PIH40gG9+KYhOc4NABKSImI
7CkNIkUOuMjt1rJm6HbiP4aTQwDsP4OKLAODsf4DRYBdxP8AD+tOwrgC2MAf
rRYLhubHK/rRYBQW/u4/GgBMn0pagG5s42mjUABbP3KYChmH8FAC7yB9w/hR
cA8zn7p/Ki4WHqwPYj60AIzADgGgCMsfSgBNxB7UhjgzHpigQ4H86YCZY46U
ALhsfeApG1u78e1AhQBnvQABQOgoAUAegFAC4oAQ4HXp7UAKMY60AJ+tAWB
gO1AxAvI9qQCgYOetMQ7j3yKYCqx9KBC/Me1AxjK+75QBQA4K/c4FFwAq2cZ
NIBNuKAF2GgA2DHSgBCgoAAgNADSFHQCkMRtuOKLgKpBHTpQA7r0BoAacdwa
AF+goAMnPSgBOaAFxkUAIBSAQjnrQAEqo60wGjGaAELgHH8hT0EG/sFP5UaD
HBzj7hpABc/3D+dAWEBbGNpoATDtgD8c0xBscnsKQxPLf+8MUAAjY/xUg0Dy
zzuOPT3oAUxgD73X3phcb5a9C1AAUQdM0AARfSgBdi9MfjQAbFxjBoAUqMY2
UCAL/s0AGwkY20AG0+gxQAEHI6YFMBcH2oAMn1FADWc46gUCIjwashhii4DG
PbFKSBEy9KxNQ+lMYcDrzSAOtMBMUgFwaQABTAXFABgdzSAQ7RTANw7CgBMn
2FILC5PrQFhKACgLBQAZoAQmgBM+1FuwwyaPUAxmkAYFMAwPSkAYp2AKACgB
KACgQmRQAuaAELUAJmgYmfaiwByaLAGKAExTAMUAGPegAoABjIoENUYxnvXS
cw5hhuB+VABnOCOD05oACMtwMYoAC2OnWgBVPc9aAuDcqKABepoAANx9MUAK
x9sYoAXdk4I49KAGn529AO1ACsDkUALnI9+1AxgzG5/GgQrEFfTHegAAUop/

OgBSN3QUAIQR2oAF4GaAH4XOV5oAQDnHWkAgBD8dqYCszL0oABg4yaBjuAOD
QIMHoOR60DsLyhA4INArC5O48df0oCw1mIoATGfSgBpyPegB2QBQAoOSaBjM
bs9iaBDZQUj60hxJyfm46YrNm4oOam4WFAyOooouMUAetFwFyvrTuIMjHf8qA
BnzgYP5UXCwgYdCD+VFwsLuUDjP5UXQChx7/AJUXQBuXPG6ncQiuB1J/KgBf
MXsTQFhDIvrSAcrbu4ouMcRhfWgCBjzQAmc9qQBznpTAfz2FACjPpQIcA2Og
oAXDEdQKYCgH+9QAoXnljQAbF9TQAoVf8mgBdqA0AJhB0HNFguKCuOg/CgB2
V4AH6UAJnB+7xQA4H/ZNACZPZaYAF9V/WgAXgkDHvmgBT/vCgQcnv+QoARs9
c/pSGIxIGeTQADJ6K1AC7SAdwI9qAEVCTjGT9aBgUYdqAEMbHkbfzqdQEMbD
g7c0WYCiNhzu4o1AUKQeufemGgFAeposFxCgx94CiwXG+Xk8uaAF2KON5osA
oCDuaLAISg6GiwDWKYosFxMoOqg0rBcNy9lH5UAAkI4CD8qdwF3seqikAm5u
gAAp6gGXHegQYOaADJxQAc0WAAo7mnYAwP71KwAdo70WC4fJ2FOwriZHZRSs
O4ucfw0AJuPpTAMt2xQIQs3qKBik/wC0KAGlsfxUCFBBH3qAG5Hcn8KLDELr
nGDRYBcqo4BNOwhgfJxsxSAGOe1NITYyrIYucDOKBDGPI96TGiWPlAaxZtEc
cmkMbQAcUWAUEdgaYBk9gKQWDLev5UgsGPei4WE49aLgHHYUAKKAEJoAMiiw
wzmiwrCZNA7Bg0AGKADAoELigBOKADikMCKADFACcUwEzQAE0AITQAmfQUgA
mmAmM07gLgUgDii4BTAKVhCZoGJTACR60WAbuUdKAELjsKdmIFcl1zwMinYB
6IPyFb3OewADrnigQE59KAFPGM8UAJtxj6UABGQAODQAoBA5FABjA4oAMcYH
X1oAUAbeaAsIc7sAfnQFhV5JDD8aYDSRn0pAhxwNu38aADGTkHAoDcCD90ig
NxSGRcAZFACA8Zz+FAC4zQAu0EjHWgA4Bz+BoAcdoOeQMUBZDQuDn1oAacNz
2FAD8DGcUDA8jpQIVMAZbPtQAEZ6GgABAJz0oAMgnAxj3oAGUjpSGNAycUAI
RximKwHJFAAQBgdqAGS8pt7ZFIcSfcm/GRismjcUFCOuKQxw2Y4NACgpnqKB
C7kA9aAAuMcA0AN3k9FouMAzZ+6aLiDcccigA38jimgHeZ/stT0EIHbPCkij
QBpcsM7PwpXQDfNQNhhz6EU7AKmPMJ6CpZSJmIK8GmIhJ55oARuRjpQFwwSR
hgPb1oAUbs/eFAaDwSD1yaYhw55LYoAd2+8aAD5fU/nQAox6cUAAK+lACjHZ
aAF9gtAChf8A9VAC7SeKAuBTjg/jQAgAJ6k/WgBxUAfe/WmABV7/AKGgACqD
kZ/OgQcA5GD60rDA7OuBTsIMj1P4UDDIzQAgakAhbnIOPpTAC/8A9fNIBA+D
xQAu8kUAJuOKAEyaQCbuaYBkmkAZPrTAQn3pAJn3oAKACgY0n/ZpAN5/uUaA
JuffjAAoAlHvTsIMjHWnYLiEj1FKwCjHrQAZHrQIMj1oGBKj1NADSSTxwKYC
baAFxxSAbtGaYhdvvQMT5T/FQA7jGMnFACEjPHSgBRgUAJxSAOOmBQAAD0pg
IfYUgEAbPI4pgOOeygUANOcdqBDScdxRYBu4nnrVRREhD1qiRQBjmmAmBjpS
aGh0ZwuPfrWUjWI/aT1JqLlCbR6UAAAoAd9BSASgBCaBiZHpRoAZ9BQAc0ag
GKBABQAYHpRcAxQAcUAHFABQAc0AJQMKBBn0o0AD+VACE0DGk+lACcmgAxQA
Y9BRYAxQAdKADNACZFABuFACbx2FOzAQvmiwDS/vTsIaXNOwCEmgLCEnNAAD
QAoPI+tAEgJB4NbnOOHyjB6UCDGTmgAJ5x1FADgecdMUhh3piBSCCc8HpQA4
euMUAAUY6UAITg4AoAD8zbehxQA0gjjODQFgAzjcPyoCwpxxtoAUMuOQQR+t
AC8Eg+vagAGCM9hQDsNVcsT+YoBJCEZOVyDmgB6sTxQCFxg4xx1oAaf7v6UA
Ko5wtACjGCDQA0MFO38qLhYcDj2pDHcEYFMQzd6dqAFA4yOCeaBikZHA5FAD
Qc85NAgOQcjvQFgHQg80AAwCKAHHBPFAEUowB6ZFIqJMChc4AxWbNkGUxwoF
ToMNye1ILCgoD1FAC71oAQuoHBpgJ5nIoCwb8etFwsG/0B/Ki4WAs25SFPFK
4WHl37IcVVxAS5UFVz7elMQw+cOi4/Gi9wsRujyOmdoI6802mCaLCxYUfOtR
ZlXQ9Yz03qaAKzON7KD070xCgkD5zgGi4hAEJAJNAxwC+5oFccoXPGfzphcl
RUAwwP50BcMKOgoADjOQB9KAH7l9h7UAKHA6AflQAu/jGOPYUCE3H+7RcADH
sCKADLUwEwcc/wA6AAA446UALg4xxQA7DH0oAMHOC1IBMcfepgIQv940AHy5
6mkAZXnqaADj0oAOMelMA49/ypAJnn7poAUA54oAO3agBpIosMTPPSgQhJ7Z
oAbg5oAUqaBiBfbNLQBSCP4cUAAZgMDFOwDcnPWlYB/OPvUwE2knqBQAm0+t
FwsJt9aAHAKO1ABkZ4FIBCRQAZFMQufpQGgZ9x+JoDQTePUUWYXELrj7wp2Y
uZCb0z1osw5kJ5iZ6nFHKw5kAkQ9AaOVhziF1H8J/OiwuYTeD0SjlDmF3nsg
o5A5xN7D+EfSjkDmDzHPYCnyhzBvfHWjlFzBvc96dkHMIWOeDRyoOYTDHnca

LBzDSncsadhXFWPHeiwXFIAyKBCg4xgUwAHnFADTyQPSkA5MBio61lNGsGPP
Ws7FiZ9qYBk0aAHNK4CEUDFwPegQgHtRYYH8BQAcUXELRcBM+1AC9aAEoAOK
ADNAwzQIKBicUAISKAEzSCwdaLAGKADHoKADFMBPlHegBC60ANMg7CnYBpc0
WENLE96dgDJosMM0rAGDTATFABgUwDApAGPancAoATBoAUD5hzjnrQA9TtPP
etzlHDk8UAKcH2x2pDBBnn9KYWBgcUCHAYWgBhYKMDnFAXHbxgYIoC49G4yK
AEPI9DQHqNA7igBc7hgigBNpUcdDQAcA47e9AATjIxkUAOAyMAUAIcAbQMUA
KODxQAOBxt69zQMRcAccGgQpPPJx60AKAqnPWgLIACM/pQAjDgYPPpQAgAw2
7g+1ADgDsyetAWF6DmgBoXHpxzQA7qMngUAALBflFADcccDBzzSGL/KgBP5+
lMQuB3FAxQMc9qQENz/qWOe+RTBEsSBgC5xWMjoJRGmMAmkA4RRdwaVguL5c
fQKaLBcUJGOi5phcUBB0QUWFcPlz9wUWC4bgP4FosFxwcj+BaYgLE87QKAGF
37U7gMZnH8QH4U7isRMzdC5ouOxEyuHBU5Hep5mOxMqF15zS1HsI7EDC8e9O
wrkQAHSgBTx2NACryRnigQ8L70wHBRmgCUKOlACjaONtACjHYUAOHT7tABk9
gKBBlvamAAtjigAyTxSAX5jQADPOTQA3I/vfgKAE3jP9aYBvBoAUEHgLn60A
BYKOVoAUOp6D86ADeM8gUALn0xQAozjsBQAhOB1FAASfXP0pAAHHXAoAaeP4
v1oAbn1I/OgNBdyjqRRYLiGRB6UWC40yL/eH5UWC4hkX+8fyosxXQGUcdTmn
ZhzITzgP4TRZhdDWk5xtNHKw5g3/AOxijlYuYTe3ZRRyhzBvftRyhzAGfFHK
HMGXJxT5UHMxcP0ziiyC7EG/PWiyDUMN1LU0kJtgF9WNHKLmDbnGM07BcABR
YLgQtFguAA9KBBtwOKAAduKLgBGRwKADbjpQAcHAoGJjH0pALz64pi0DBNMA
6cUAGM0ABpAB9ulAxB/OgVhenBFACDigQvagYmQOKYAR0x1pANIINADkAD59
RUTRcB+AayaNRcY7UAFAxDikITNABnNABg0AJxQAcUAGaADNAw5oAMUXAOKA
EzSAN1MBCc0gE70wEJoACRjrRYBuce9ABvwOBTsIQux70AJkn1pgNOaADbnv
QMMCgAxii4BgUAFJAIaYBQAuKNBBigYuBSAQkCnYBN1FhCFqYxMnPFMCbOec
cVsctxe3A/GgYmex60AKflGRwTQAqjI47UAOzigQxowBuB69qAE8sKR3zTAk
OFAHakMD6joaADr049KBWEz26GgBV7fnQA0g5z69qAsLtw3PpxQFhVO1h6UA
BBX5sZA6+1AARuI649qAFwwOB0HegAGN3PQ0AGQD0z9aAuKuQM4GD60AKBgc
9aAGHk7gMUAKo5JxSGKwGe4FABtxx1piEwBgEcnpQAu0g8HPtQAZw2MUWACR
zxigBoOBjFAwBBOBQIdnIIPQ0AHAHrQDIpkZ0Ye3FA0IlwQq/Lxis3E1UiQX
Az0NS0CY9Z1J6E0WGPV89FouFh4LH+GgBcNmgAwaYAAaLAPAoEBBoAYV46mi
wDGT3JFIY0xqe1NoLjliA6DilZDuSYC9MimIruOc4pBYiGR0FIYu4kAYpgOU
Z7UXEPUe1AEoGR0NACgHstMB4yPSgQg3E8CgB2OOtACbR60AG3Hf9aYAdvb+
dACZAHX9aVguG5AeWH507CuNaRPUEUWC4B4se9FguIZI89P0oC4vnop+6fyo
sHMBuR2Q49qLC5hpuQR9z8afKHMHnk8bKOUOYb57ZxsFHKHMKJHIPQCjlDmE
8xz6fhRyhzCb3JxuxT5RcwZc/wAVHKFxNrZ+8cUcqFcTBGetHKguLtHrTsgu
IEHSjQLhtx2osIcgxxgUWC4oUAYxQA1sKM46UAKo3gMOARmpci1EcUIx09qX
MVyoUID9aLsOVC+WT0/Oi7CyItrK3B/CldjsiQxbmHzFR6CgBhTkjB+tAxcE
HsfcUXCwbiMHaKV0FgLK3AHI9qqLREojSOcetWZh1GMUwDoKQCsB2FADRwRi
gBSSKBh34oEGcHFAB16UAGAKAA4oAAaAE6UABwKAFXnpTEN4oAMHPtQAq5Ue
9AwzyOKBCA8kYpAL16UDADnFACHrTARjyB3pACffBqJFxJqzNRKQw4oEJxQA
ZpAITQAmSe1AwwaADFAg4oGFIAyaYCE0ANLCgBNwoAQv6UwE3E0WEJmiwwzQ
AtAhOBRYYUAJzQAUAFABQAYoAQigBMUxAeaBhQAUAGfakAZJoATmncLBtNMQ
m2kMXb7UAOVSWHHGaQDidw4HWuk5QwB0oAVgCOBQArAFf6UAJnBwKAAHJ6UA
KwwQRQA4DPagBe3Tr3oGHA460CEOCeKAGhRuzQCJCOQRwKBh95vm6e1ACEZP
XFAgYDtxQFhVxgj1oAU442jGOooAaTz3oAGHT69KADHJOM4oAU8gelAAxJXj
mgLCAgDnigBxIxkCkMCOB70xCEgdQfqKAFwDQMOQOOKBCcE8DBNACMMdaAEH
XPQEUAAXkcUDHHocd+1Ag2gDn8qLhYB156UAQeUA5UnHcVErmkLE6W6AetRq
aXJVjA9qVguPCgGnYQYHrTEAxnrQAED1oGKAOlAhwA7GgBcfjQAYGaYBtX0N
KwDQntRYBcKo5osAxnHamK5C7g+lKw7jDiiwXDgUWYcyHBx2B/KjlYuZDhIR
gBPzp8rDmQplf+7RysXMG9+4o5WHMG9uyge9HKHMJvf1xT5Q5g3SZxnj6Uco

uYMtnBY0coXEO7P3j9KOULgRxyT+dOwrgEGe+PSiyC4oQHOeKABUAOMUxAVX
PAosABec0ABAyKAFOMYFADccYIoAXjHAosAhxgUAKRxgigAHTmgBCPl980wF
XGKQCnrjtQAmcHjrQAYPSgBcY4H5UAIQAM0AIDmmA7kjFIENc4RvpjFAIEO0
BQOnSobSNUh+ST6+1RzF2AZzkDmi4WQ4FhwOKLhZAR74PrRdhYTaAclzS1Ac
cA4NMBMgHGPxosFxrM4+6ARRYLiAMzAkAfSnETGnhjWqMWgHH40xBikAE8AA
UwAjI4pAIRxmgBQelABQAdMY70AKQQAcHB70XCwmOMelAB3oAQ5xTASkCFHA
oACOKAsCggDnpTAAKBAeOO9AwA/AUgA8LxTCwmOc5oAQgH60ABwSMUgGE4YY
9amRcSxx6VizVB+FACc0BYMUAG0UmAYFACZoAQkCgBC6jvQAm8Z6UWAQv6Cm
AwsT3pajDNOwCYoAMUgDGKYAPpQIWjQYmKAF25oEJigYuKLgGKQCEUXAOlAA
adgEoADQAmPagAwaAsLigAwPSgAwOwoANp7CgBQh70CF2UAJhRQFw+i0DD58
8YAoAVflzXScoZzxigBc4NADuD0oATbnnFACHAGTQApbjOOKAuOXHOeM0XGJ
yOO1ADWoFYUKccigLdwAXrnkdqA0JBgjGaAEHGfSgBGOeMZoAMA9uKAFI4+W
gAxjmkAnJHbjvQAu4dRTAUkbeRyaAQgBztP1FAxT0xQICAev5UDAgBT1z2oA
UdBxyKBAfYcHrmgLAVATPegABz2wKQIG4TgUwY05yBj60AIV2jGeKAADPQ4x
QCBRz6UAh2Qcg/hQAYwBnoaAIXAUhjnAPNTK7Ki7E6bSmccf71RZml7AJEHG
D+dFhXQ7zUH8OafKLmQCZTwEo5Q5hPMXPC4o5Q5hRKvZKOUOcDIccIB+NPlD
mE8x+wAo5Q5hQ8h6EflRYVw3vg5Y07ILiBnP8RoshXEw5PLGiwXEC7upP507
BcAgHH60WQXF2DPNIBQuO3IpiE4/H0oAXHtzQAgGcUAPHFIYmO+OKAAemKYg
AoCwucnApDE4FMAxg8UXEIw9KAHdsZoABkjoKAEGMD1oAMimAEdMUgE6H1FA
Dhz0oAQDBJpgCjr6d6QCH72D2oADgnHagBccc9KAD3oAAMHpTAO/SkAAgHmg
BTjigYnfk8UCDBzigAK4HagBO3HApgI+SB9aTGhyfPISOKhotEhjOevPrmps
XcAmAPaiwXArkYyRTsK4FMkYNKwxGVQMfpRYBQFByevvRYLh14C/lTABycEY
I9aQBvAOCPypiImHOQOD2q4siSEwKZAuc/hTAMn2pBYM54zimAdBikIQAZpg
GDn0FIYDpQFiTe4h8sn5c5oAj560AAzmgAOT/hTAQ4HGOtIA4oACQBQAZGKY
hcDAoGJ0/GgA/kaAD27UAH0pAIRx6UAN5H40wEZRuwO1SykWByM1izVBSGIW
A70ANLqKAEMg9KAsMMh7UWGN3k0AISaAEo0AMGgBcUgACgBcUALimAmM9aAD
HtSAXFABigAwKYBQAhpAITQAZphYTmlYAApgGKQAF9qAF257UALsNFwDy6AF
2A9aYhdgHakAYA9KAEyKADGfWgAKr6n86YCYQds0AGfQUhgCc9cUwGqCRyOl
dJy2HDBPAoGISD1oEKc9qQC7hj0pgKwBxzQA1sKduaAHKMHJGRSGL9KBCbcd
fzpgBYrxigBGOVPGDQA8DjA4oGICeRj6UCuIDghQe/IoAeRjigBACG4oAQH8
aAHFRjrx6UAAwDikAEZ5FMAAzk556GkAE9iKYCgbqBgCBkdfrQAcbf6UAHUY
yaBAvAKnkepoAQA4z1GaAsKTkYHBoARs5H60AAAHOM+1AWDC7T05oDQCRnkY
xQAg69BQA3J3egoAVueDyKAECAjtSGO2gdQKLAOYDFACBdp9qAF74OMUWC4h
XjrxQAKNrcc0APxzQMBxQAZ3DgYoAAO44oAQ5DdevegQdRQAAAj7vNAAeOgo
AcBnBzQAAc9uaAEA75oCwh6j0oAU+x+tAAB78UAKDQAmcdRxQAgxjIPB7elA
Dug60DAjJzn60CE9u9AAfegA6dKADOG4HWgA75oAOKAFHHHaiwDQOpHBoAUd
fSmAMvFK4WEyO4oAcF4HPFACDkle1MAwemaADvxSAUg59vWgBpFABwCMGgBS
OOn4UXGAxj0bvQIMZ4HSgBCcEDGR3oAUAMwHrQxoEO2U7uOMVBaHmQDgA5pF
C78c/pQAByTyoxSACw7cfSmAYycDpQAgCISWUN7GgYmF7cZ7UWAUHoDz70CG
krkhs8elADc5XgEU0yJITgr71oZhnjApDFB4xQADpzTEA680AHQ+maBh7Hig
Ax2pAJ7UAL04oACMdqAGgjHFAxe9AhMHFAC8DjigBO9ABnBwaAAjNAxOuRTJ
FyMCgBMigAO3FIYmeeKAsNcnOTzQxjw5ZQQcCsGzZCE+pNAxOKQCUDDFAhMU
DDHHSkIMYoGLigAwKLgFABQAuKAA4ouAnegAoAMigAzQAmTQAZoASgBQp7Ci
4C+WSaAFEdGoCiNRQAu1fagQZUelABuHaiwCZz0FABz6YpgIf94Ci4CHHqTS
AQY7D86AF5oATFFwFwKBhxQAlAB3oAQnsO9dRygD8vTpxQAqjPWgAGaAsGM0
AOPTPYUDGkZIJ6UCsHIOKAJE4Xrg0DDkjpQAAE0hDSpPbrTAReCewFAhc/IG
7dRQMRQd2e9AEnbA70AA6HB5HrQAKvcYNAAenSgAGeduKAEXATOMEd6QxwHH
TrQAY7NxTCwBfQ4NAgAyv9RQAmcgE9qAFYgHPXIoAQfLnuD2oAdkEYoAQr+F

ACHAJH8qQACcDIoGB25wKYhNvzYoAXO04IzSGJgZxjANMAAwcdqAF5PB5pAB
GB0oAAxIouIUZBHH1oGhcAYPbNA7ACC2B+FAhOB0oAUD349KAE6Y9O9ABuXJ
FMABwfagSHdDnIPtSGIOuO1AD8gUWC4n3SOM0AJ3oAQk0AGOPp2oCwoPFABj
nIH5UDsPEb45XH1pXQ+UURk4DEClcfKBjTOA4zRcOVAFTccZP4UrsrlE2jBG
0ii4uUYSM8c4qiBRnHTmmAcDrQITFACj8qAEYjtQAoAA7UAJjn6UAA9hxQAD
8c+lAAGBoAMjGDxQAE54xQAhwQCaYCn5fxoAU89OBSAMkjAoARRkHHSgYhx0
oEL2pgIefpQA4HAGORSAQjA9KAEX+VJjQsv+sBqS0OyFbaGpFASAPU0DD5ce
ue1AhcjIAGaAEJGeO3ei47C5JOT2oCw1jzQAmfSgA8wjjA96QDAwzjt/KqRL
Q4gd6tGQmeKAFI464+lABgY6UAH4UAJjjpTEGM4NAC9KBgenvSATFABnNMAI
xjFIAB9qAE5HFFwfkHYUB6iMe3SgAI5FACnAOATTsAhyOf0oAXk0gDAxQADb
6UAM6+1AABlTRYSYifcA9KxaOiIvFSMOM8UAPY7kVdoGO4607gkNxikAGkAm
M0DDbmgAxSAMCmAoxQAhNCAMnGO1MBpNKwCZzTsAYJ9c0gFCE9qLgOEbGjQB
RHQAuxR1osK4ZXsKLgBYjotADd7k8JTAUiQ+gpAJ5bd3/KgBdij+I0AHyjoK
LgIXA6CgYhYmgBM+tAB3oAUUAGKADgUAGaAENABTADQAgPIoAco5579K6TlE
7kUAOAB4pBYaR2pgLk7RigBOpANACkAHjpSHYUAUAOB7UAAPOB+tMBSeSRx7
UAIwBQ4PI6UAMVe5FAhVxs2t07UAKPugE0gDcARTAVSpPA/OgEOyAemKAYmR
j2oAFHOO3rSGgIyuCeKYmAJoBBtJII6d6Bing0CAAdKAE4KkY6daABQSMEY9
M0AKQy+4oAOh54oAAeeKAEcHOQAPUUAAznB6UDBgDk9c/pQFwU4xnqO9AXFb
DH5V69aBCYJGOOKBi8EY7+uaQABQMQnI9u9MQoXHT8jSAXg8EYNADVyAcUAL
g9uM0AHXAxQAEnkbeexoAUfiDQAEKcEcH1oABjHTBoATAJyDgjtQAo45/QUA
LnrigADAcEH60AIMFsdM+tDY0iQKndiR7DNTzFcoqqh+6rN9eKXMPlFGA3yx
gemaLjsKBJnk7SfQcUXHZCMjscM5P0pahoGxM4+Y+5pgO2BRwB7UrAGCR8wA
9/WmAYII+bp6jNAERXlj2qkZyE4B600SBPzbccUAGD25FACE8cUAKD7U7AJ1
PFIBeeOOtACj2/WgBvBbnrTAQ8dsUgFJOOlAAcHp0oAQDI5pgGc/LikAoGKA
HDv6UANzn2xQAY5zjrTATpSAOKYCk4HFACZ59qAFxk0hoJB0Oc444qCgG3IA
HFJstDtnOQB7c1NyrDgMnJAouFgAwc8UABX0/KgAAwMfpQAFQRii4CFBwMUX
Cw1owT6Gi4DNhB4FNA0K2QeRitImMwOBVEAKAFNIYgHYUwFNIAIAx6UAB4Pt
TEJjmgYe1AhO+AOaBgT0pAIfagBaAAjp6UAGAeuB70wEPJ9aQC9RkDNAhMgU
AA4oGB5HFADQQeDxQAhHGKAGEHt2oAVPm3D0rOSNYkoQY96gsjY7XU9jxSAf
SAMUXAUY9KAEJ/CjQYhoATPFADSaLAAJPagBdrHtQAvlse9ACiMDqfzNFwFw
g7igQblHQE/QUALvPZDQAAueigfWgAKuf4hQAbfVqADKjoM0AALdhxQA4ZPt
RcLCEe5oANopAMYbTTGNNMBpIpABpjsLj9aWgg4oAM+lAByaADFAw6UAFFhB
QAYpgAHIzQAoPPtXScwqgEnjpQFgORgdv5UgFxxTAFHy80gEOCaYgxk+g9KB
i7eKAsNAyaQrEgGOvNMY3ueKAHADHNAA3BAoAa2BQIacnpQDHKFx83X0pDsB
IyB2HemKwpKg47dqAuGQCQRkUAKhweKAAlSeKAFTAPHb1oAQEg/WgAIOORQF
hFzQA7igYMewoECnFACZ6kgY96AAgZyOhoGGd3WkAm73xg0xAOWz2oAUA59q
BgCQwpBcU4J9DQFgC4HFMAxkYHWkAMMHqMHtQAuM/hTADzjJpAJ0GCufQ0AA
DHHb6UxWDPBoGHznofoaQCgk9qYCjgZ/SkAg5OGXB9e1ACAAtkdaAHYAPPX1
oAATkjpQAjcggdhQBJbBGgR/4scg9qhmiJht6ZAPtQMVmQjDbQB3B5osMZ5i
AcHP0FFgE3hmztY57GgA3nPCYPuaAFy2eSB9OaAAZzkH26UgECjtn6UDDAX6
+lFgGuBkHpn0pozkhuOverIE6nigYg4J7UCAEZIx1oAQLgbR2oCwoGOlAB1H
X/61MBc4GBSAaBk+9ADwQRgjFADR1NABggDvQANgdKAExjJxxQAoPSgBSaAE
+goAU8e+f0oATPGaAEJytAC9BQAgyBQAAAjj8qAFbGzA7dahloaFBAbJHak0
WmLnBwM1Nirji3FOwACcUgFye1AC5NOwASeucUWAQnvmlYBrOFGSeKLAMDqx
4NOyBj8kgZq4mUkJ2xjrVmYvcAelACHrQMXuM9KAE5HtSAOnFABjPHpTAAee
tAB+tACdCBjmgBcYIpAIBgmgAPTgcjtQAe3FMBGPOO9AriAEj2oAULxycUAg
6DHWkMBQAhyBQAhGR0oAUYwKYhj8ZI4oGJCeW4rGZpAlzUGg1k3D6GgBaQBk
etGoxPzoEKAT0FABsY98UWGLs96ADao7UgAEdAKYhaAAjNACbV70AGEHQCmA

oPotIA+Y9sUAGD60AG0epoAMD0oAXp2xSATiiwBkUAJk0wDBoACOKLAMIoGI
RQA08UDHA5BH5UANAoAWgQUWAKAFxQAcUXASgBcUwCgAQA9a6TmHD5c0gF9a
YCEgdaABRzmgLCEc0gFIzjNAC5HTtTAAM9KAsOwA4JzgUAJ2JHSgQm4Y6UDE
yxYdwf0oFYcenHPrQAwEE0BYccbeBzQA1OWPH4UAK3y4B70AACj+KgLA3H3a
AFBHUCgBVxkljigA4zkCgBQfQ0AIvPPSgAOfTFAABkjJoCwvQ4PNAbBjK4PS
gBuCAD+lACg96QxCpwD2JoAXbwPQ9aAFxxwSB60wG7stj0oEOyMDggd6Bioe
cnkdKAEYjpQAmPxxSCwqnOecUAOUcmgBOeh/KmAEsOAcH0oAMDbk/jQAhOOv
PpigSFzx8tIYDnvgjqKAFycYFADQBjpzQIUDuTn6UDFJPpnNACAkHpg+lMQ2
2BPmISQVbP4Gs5GsSwI174NAxQijoAKAHYX349KQwwCwPT2pgBCjtRYBAQDw
MGkApbHANMQm/gjPBoGIGUHnr2pANcAg4OKaZLQwYFWZiHO7/GgAYZHvQAi/
TrQCHYoAQdfpQAAjPTGaAFJP4UABAxxxQAhyBk0AKDx0oATPGO/agAbGPegB
QcUAJkZ4xTAMA/jSAUgjpQANycYxQA3gjAoABjoaAFyOlFgFDjGAvTvRYLjS
SMkACiwXEzyfcVLLiKgyCtJlIeIwBwT9aksUoFHrSAUKCOo5pgG0dMjNAAQB
3H50ABCkYzwaLAII0A5b9aLMLiEJjGOPekAw+WvIAz6Yo0AcpBX0FWjOQnfi
rMwHUZ60ABIHWmIOvFABjIxmgBDwB1pDAkDtkUCAeoFACnoPemMRh0GfxoAT
p9fWkFgHI5oAO9ACDvmgBeQcgUwEx8ppAB6UAAOOMUxCgcZ9aBiHnjtQApPO
McUANIApARk84IoAEGHwOmKiZcCXBNYmobSaAAR+tADggHagBcCgAoAKAEIH
c0AJ8vagBRnsKAAqx70AJs/2qAF2qO2aLgLwOgoATJouFhc+tADcigA3UBYO
TSGGKLCDFMAwBQFgyBQMQtQAUANbigBpyfaiwxMcYoAMUCFFMBcUgDpQAlFg
DBoAOKADNMBKLAA60AKACcjgV0nKPxkc0hiH2oADg0wAAY47UgFwDQAdPpQA
mM9KADhOpOT2pgOfJA5oEIFKjGc0hihcnjFFwGheeKYhSAPc0AJjBxzyeKAQ
ch+OtAID98gnn2oAGHrQA7buXjikAhUYHOD6UwHAYAz0pDExlcL17GmIBknB
FAByB0xQArAFQaAEKkjOePSgBBkDgcUAOBPXHNACAZPJxSHYVlx0OKABmBPA
5xTEIPfvSGheVPSgBeg44z6UwG4+bcRigBS2T8q5HegBAf4emaQCkD8aAF5P
Tj3oAQ8c8Y70AKcdhQAMCecUxCEg474pDEz2P50ALkA8nHpTFYRNwYbhx6ik
A8kKNwGTTGNAwMjjPagA6ngc0gFPQHpQAZH0piEJIOf50hgjEXDYHJQZHrUy
LgTEyD+EAUi7AC55wCKVwDLj/CgA+fgAjJ/SgAIbODnjvii4aBtfoW4oGGwc
ZPFAaC+WAPu8UAL5eD0Bx+lFguNxgnj8KdiRjAA88VSM2NzzVCA57flSAXAw
O39KYgzzj1oGA+U0gFxnnpQAHqMdKAEOAeelAAeAcc0AAOBQAvXBxQAdfpQA
cfhQAmPQfhQADkf0oAcM46UAJjJ5oAbjAP8ASmAg7A96BDuPWgBM88DrQMQ+
9ILBnHNJlIVOo/KpKQ4nB5OaksO/fmgBCOeBQMFBGQw70BYUD0AoEATBPQg9
qYDtpxgAUAISAOaTY7DHdQArsBSAXeoUDsTVomSFI9uKsxG8joaAADPbjNAg
PAxQMTPQAZFMQu7tQMQHHHagAHAoFYXnApDDqMHigBeO1AAcelADeBQAnuT+
FACg4FABnjpQAAc8UAHegAHHFMAxzjpQAGkAwgHtQAmcHpQAA4dcDjNRMuJP
j2rI1A4HU0gEyKYCjJ7UWAMH2FIBcE0AG0UwAhc8CgLABz0pABz60ANoAQkA
UAJn2oAOaAAA0hi4ouICBTAOBQAZFACFqQCZJpgFAwwKQBTEJRcdgxmgBpwK
AEzRYApgL9KQBii4BgUAGaAEzQAUAJimAtFwEBycUAOAroOYXFAWFH50DDHN
MVgXgmkAYoGIcDFAhR7CmAbcnPp0oELk9DSAOcUDsCgDrTACWXBGME0gEAya
AEJw4AOBmmIUEb2Ud+9IYYAPqT0NMQ5+BigBBgAZ6UAICenYUAKSD8tAABt/
DpQAEkjdQAEkL0oARjgdOKBig4AoEKAo4LfhQAMpwCDx7UAJznJGRQAE5IBo
AVgF57DrSAMKxBUkGgAJK5FAxRwAaAEY4xxgGmIAMcr1HUUhisMsOMUWARcZ
xnk0AKBhMGgBAATgHGfWmApOMg/kKQriqB0phcQHJxjjuRSsNCbyGwelMEOY
cgZGKAFPJxwB60CGID06UADZGMYx2osAoO7qADSGAIzgjNACHrxTEB5AoAYz
7biNxxyVNTJFxLhfA4wQfWpLBGXcN/yA+goGISN3DZx3osAoAx1OaQCAnHy8
gHoaYCgk9FwaAG9Oxx35pALlmPHHoDQAEFc84JpiG7vz9qAGuefUGmiWNGMY
96ogU4GcHj1NMA6mkAjAY/zxQAoG0ZPNACkgjHY0wGE9qQgFADsArjpQMUgA
fSgBobdgnr2oFcUg46cd6BjcgAjOPSgA3H60CFHJHHHpQMd2/pTATkrikAh6
9KAADKii4ARigAP1oAb3xigAfLA8dulDBCBsYPpUNFolUoT98AUi0O/dn+Mn

8KkoMoPU07AAdMfdNFhXDep6JTsAK6jooFFgEZyeRgUNBcgdmJpDKzpISQRn
PemmBKoc4GOB600TIsA5GOlWZMT270yRQMDGKQAcnqMYpgKCfwoAaR3xSAOw
9qAEbAx/KmAfdHFACigA+tAC445NIBMelAxOd2cfSmAHjrQAu3A9aQCdTTsF
xArE4FIAwSOeo6UAHfmgBByelACkjpQAjdR2osMRgMjHrUyQ4k+zPVjWJsKI
19PzosAuFHQYoAMjoM0AGOKAEOPXmgBMigAz6CgBCSaQCYzSANtMAwKAEOBQ
AZ9KQBuoCwhNMA60gDmgAwKLDDigA5piDFACYpAB4oGJTAKAGMpPSjQBApoA
digA4FNAGaQCE0AFFgCgANABigA/CgABwelADga6TnHDkcUBYTG08DigQgPN
ADuKAG55oAOCc0wF3E9sYoAB04oEKME80AKrZ4H5UhiA8bgDwaYACSuMZB5o
EJnB6fWgBWGQCMc96ADjB7YoAH7cdBQAg460AG4ng0AKOCc9MUAGMDPFACby
flHP4UAxFyF+vagEOGQvrQAEjbtxQADkYxRcLAAc9sUhi8gYOMUxCdOBQAEE
jAoAcRgYpAIoIPYg96ADPOM8CmAuQeB+lIBCe3pTAM88jntSGA+8Cf1pgDZU
jI6UCBWI54x6GkMUgA+uaYC444HSkAAHGMYNMQi9+KAFHzcEYpANAA9eKYXH
HnoKBgThcBckUAM5J44PpQIXnPNIBMjrg0wFGQeT+FIAJB9qYEc+Vi3dlORi
kUi0CpAPA9MVBoBfB4yfwpDA/KPlG4mgAYtgc49adxBgnJBHI5JpDAEBNo/E
5oAM4AGcemetMBWIL4J5FAAfmPUH3oAQAqP8KBCMAeMY9aIikhoA7VZmIDg5
7UwFA+lAAPpQAoAHSgBNuf50gsIcA54oEBJGM96B3AnH070wA/MMDp60gA4K
8L26+lAMQE49aYhR93OBz60hgQAelABnD8UALgZ+tACk56UAN57/AJUAJ244
oAMigAFAAQaADbk9aAsMH8qhlocGDdBikXYcDSGGT6GgBefSmAmOetAg9hQA
GgBjJmkxoTaw6UDFUsW+boKqJMh561ZiIpAPHUUxCnjmgA3ZPNAABx1wPSgY
NjNACEc9aQCNjFMLABleeMfrQIUkEDr70AKfagAH1oAD0460DExjjrj0oAQH
1oAXI+goAMjPA/GgBDnFACFccCkAZwKAAYoGBAPagQNg47UANYgdO1KSGmTh
1BGTisGjdDs56c0AIcUXAM+lIAwT7UwEwBQAuBQAmR0oAMjHSkAmaAGk5pAG
DTGJQIKQBinYAwKAFApABFACUxhikAYp3EJQAUhhimAYoAOKQBkU7CGk+goA
KBiYoAPwoAKADFAwoATg0aCDpQAUDAdRQA/d2rpOYA1ACZ5osID1oGKwyOKL
isIM4pgICAaAHZ4oEC8c96LAC0DAcn0HrQIUNhuOhoAB8pOTjmgLCZ6k9Owo
AVSCcY60ACjKnPTvQAA9s8UAMUAcHmgLCq3zgEcUAO4yccA9qAEHp0oAUYQj
jH0oATBxz0oCwgbB5zQAMcdKAAY9aBjw2BjHFAhODQGgpHTn/wCtQAgVv8KQ
DjyeuaYCqARxgEUDEBDLz1+lADQm1jxxQAYI5FAgL9FAOe1ACg5B9aQxQcjJ
BoAauM8cg+vamIftOORigBBkigY7OOh/KgQ3sMDBoATGWHoetK47DwMZwaYh
SeB0oAZz2oCwnB6/pSCwEHFMYgbPsRQIXIJHGaQCjBOMUDGyAMjJ0yCMGmFw
t2LKpzxjGKzkbInJwQQPyqRsTdhvr0xTEB2gjLcHtRYB2wE8Dj0zQAFTnnhf
SgBGGW644p3CwfKowOT/ADoAAGb0GOx4oCwNvPUrn2FAAcA5bJoEyMkBemea
tGTFxjkcjHSmAowPoaQCdeucUAKeCKYBnnnvQAjcnkcetAhDjAoAQjPK8H0o
AUZIGeKQw4ORnAoAAMcdR2oAUYpiEOetABgUhi9sZoCwuQBjFACdRzxQA08/
SgAwMe1AASAOOaADOKAEJ9uKAG/x1LLiPzx0FQaDgfamAE0AJuoAM0AJuouF
gzRcQbqQxpfHQgU7MV11BCTlmPFUkTJroPyB05BqjMAM9QBQAdsY5FAAAAMU
wDqcY49aAEb1xQFgAyO9IAUY4AoAUnjAHTvTEHJGMUDGtg/hSEGDkCgdhW4P
FMQdCCByaAE4B5/KgYvGeKAFBzQIbnnsKBgPf86BBxjjgUhiZHamAc56UAGO
vpSGMYcZoYWJkjV1VmzyKwZtEkCAdOlIYEAdelABkAcUAN3egpABzTAMetIA
GwHGcU7AKcChoBppAMDE54xilcLC0xhQIWiwCfhSAWgAzQAc0wDFIBMUAGBT
AQkUAJuoAMmgBCTQMTvQAtABRYBKACgAzQAlAw4ouIOKAEosMKAEzQIUckCg
By4IrqOYDxQADqePpSAQjP1FArCg/J0oGIOeKYCEDIxSEPyScdhQAhJHXpTG
KOKAHEKo45zyaQCdaYhDzwDQAKQQQRyKBgDhuPzoEKpGCB3oATaNuMUAJjBA
XFAAdwPTFAAx3HOOaAFBJGf1oADhjnvQAFzjFAXG9c4FACqBjOaAQ/pjIx6G
kMCMEUxASuRigAwD260XCwo9uaBi4Ge3NAhOM9cGgBHOQMjHvQAmDn72c9x2
oAdweB1oAGBODjGKAG8n+ED3FADl4OAcZoGGMEjge9AhCwHBzQA8gEA569qQ
xFwM+nagQo57YzTAQEjnjNACkA8/nQMTtigAJxyBigQ3aS3GMHtSuFhcY6Gm
MTGTkgCkAhGWBHQUAL74NAgyMgfqaYEcB2yPG38LZGPes5I1gWtoFKxQAAp8

oz6UAGAQNww30oAAu4YKkY6E0AOwSPmGPXmgBpK8cCgAygO4Hn09KYhrSZIy
aAI97Hp0o2HYTHOC2P6VN2VYkGMHB3dsirizKSAYyOKogUAbvTHSmICRj1z+
lAxvJFACqc85oEIuM8jFADjjGPyoGN5AyenekAKOPWgBQBznp2pgGSKAAkev
/wBegVgGduO1AwGRQIODQAoGeDj60DAjtSAZg0AGeaA0F6dKAEwc44xTAAev
FISGuMkEDpSaLTDJ7ip5WVzoUluwo5GDmg+bAxijlFziYYnqKOUHIVlYAHdT
5UHMwIwO9OyE5MNgPr9KdkTzB5a7eBSsh3AIF5/SnYLhjI6flRYQAH6UrDFx
25NMQ7tj9aYCqeKBDenSkMXkjjpTEIBtPHegYmDnr/8AXoFYCfSgYgJI6fhS
AXHqKABeeOhFMBR04FIA6mgBGHemAg6UCEzjNAwA9aBC44IFACA5XOOaBhnj
2oCwuQeMYoAZ1U0gAghcdaBpE0JJQAnpxWMjWI85pFCYz1pALgCgA/CgBKAG
mgCOSNZBgkjHPFCHckDqFAH5mi4rCZz0FIBCCaAACgBce1FwCjUAxRqAEUAJ
lelABuHpQFhN2RSHYTJ9aAsBoAMUAGKACmgA0AJQAcCgA4oANwHagBM0AJRY
AoASmAUgEoGFABTEAOCKQDgCv3a6jmAkUALwRigBAee1AC8DqaAGsdvSgQqk
DqOtAwP5UAL3A6+1Ah2dv8IAoGJuz0oEKMEelADcfNSAcBg0DExngUxCoO/e
gBGPIAoATuMA/X0oAd1/xoABtJ64NACNkjGMD1oAVBgUANPLkdqAFAx9KAAA
dhQAuO2elAC4JOfTtQAuM9Rj3oATjnFAwXI+6MUADHPAFAgwccCgLCDcWwRk
elAC7lXAAODQAhw3IzmgBQpBzkn2oCwdT6UDEYAd/wAKBMUEEAHIpALgBcHr
nrTAD7DFACjGQQOO9IYuTn2piA4B6UAJkf40hg2QvFMQHpxxSGIecYPPoaAA
HtimAhIJG48d6BBuQcZ57UBcBt7HPtQAP93HagBgAjuY3GMPlSP5VMi4MtEM
ThsD6GoNBBgdWwaADzFz1LYpgMabnAyPakFhgdmOMfjRdD5QJbBz07YpXCwo
RkPzZ6d6NR2HKoYDb0zyQOaVmF0P8tmYMFYkHgHgU7AKtu4JJIGeo60WEI8X
lDIIIJ6VUSJEeeenXvWlzKwpII46nrQALwxycUAG3B4OaBsAwzjHSgVxTyTj
p2pDEBAHPFMQo56dKBiBuccUgFwCOBzQAmSeKYCMOgHFACsAB9KAAZFAhOoz
+lIYoGOe3pTAM54HFIAGAcdTQGghFAaAfSgAGBwPzNMBOmOeDQIcMduBQADG
cUhgMFj7CmAZ4xjmkAYGPegAxwM0AHI70ANx1oAVRg9aLgBGcGgLDhxx2NAA
Dx9KAEI59zQAhyef0pgKefY0AGAcUAIV5pAB/lQAmRimAnH0pALjuKAAelAC
EYoAU9BTAAwA60CGg857UAL1bPagAIyfWkOwhJJA6fSmLYcMj6UAH06UANYj
AGM0hgOtADS2DwKAFDA/SgBYiwQgAD3NYyNYkyHI5NSWKSO1ABn8KAEJFADc
+1AADQAYoAMD2oAWiwxDikITIoANwoAQse2KAsG4+tAWG9etIdgBFAC8GgBP
oKACgAz7UAHPpQMOaYhCDQAUAFAxKBBxQAYHegA4oAKBiUgCmITigYGgAoAQ
4osIF5IHvTsA4LuOc4zXScwYw3XpQAuM9KQCbcMSfyoACAOMUAJimIU9R7Ck
McSNoxQAgAzkZzTFYcc49aAAEYwBzQAHr2/CgLAoGcY5oBIHG3/GgGIp2oOM
k0AIc5xigBdxA6UAKpKtwevagAAJNIYh4I4piCgBF/SgB6YB6UDB8MaBCLgH
GCcUXGKB36UCEJ9BRYLgDnH8qAFBHfigB2R9BQA0kBzxx2zQAh4TAPJoAQnA
4BoAXII+Y4+tAeoDaDweD2oAcCcggcCgAwd2eCD2FIYMcnG3tTENzzQArAk4
BoCwu08ZPJoADx0oAFHykEc9qQw6Ed8UAKO9AC5AGMcUwDK9P5UCGY54/GgY
EbenIoEIvXkfnQMMkfwigBwwcYpAB5NMRHP8sYburZP0pWKi7DnfDkDOOuc1
mbJXDIY/LuP0GanmY+VEixO/PlMR2J4pXYaIkS1l74Ue/WnZg2PW0VTksMeh
NOwXFaOIDl/yp2FcQNEo4QsfegLimX0QCgVxPMcjg/pQAnzN1bH1oAa6KqH5
wfamiZEan5a0MxAMe9ArCkA8n9KBijj6UCG8gkgdaADORgUAOPIoCw08/wD1
qAADB5oGKOpxQAY2jPSgQgJI5GPpQMOp6fnSAdweKYCEYxxxSAcACOKAGnrg
DGaAAgA5PagEA45ouPlsIeeaYhevakFhACTwKAFBHQ0ABx1JoACApBHfrQAo
PpQAY/D2oACAQeKAG8dxTATIFIAzntigBwGaYAy+lIBMbRx+VAhckDrTCwnX
/CgBQBQFhSaQw4HrQA1uaAE25FABjHUUAIoOKAFANAB7UAGAMDtQApAzjHSg
BMA/WgBBigBSMdOKYCEHr0oADxjvmgQvWgBBjJoGIwz06UgDAoAOADigAhID
HcetZzNIExYVmaDS3oKAImmCMA4wD3pWHYnx6CmIMUANytABuFACbvQCkAbj
mncBtIYYpAIc9hRYYDjtTsApNAhOaQwzzQAZNABmgQdaBh0oAKAEpiFxRYBM
UAGAKLgGKAEoAMUwExQAYoAKQBQMMUWQgxQAh60AJQAo+8PrQABgpArqOUXO
DigAGc/KMDvQAjMcAigAJZuSKAFHI5GKBigBulKwriqccGiw7gcrweh6UxAD

QNCjrgHr3oEAJHIFKwCgCgA+8MGmFhFQ5I9KADqvX86AFI44oAaAQRnr2oAU
l9vSgBAVPP6UAA29OmaAFGFJBIx2oAM/NxxQAnPT+VADlIFAADuPpQAjNxx2
oAFA20AKTgjjrQApAzz2oAQjA3YoANmV46UDsCrtOG6UCHE5A2jnuD0oAa5A
YfLyPQUAJuJGSfwoAUHJGD9aAEOS3sKAFxntQFhPu9KAFBOQ1AC8560AIGwM
4zzQAKeCaAFXpxmkMcCE6DH1piE2k5IwPagBpJOMcfSgBOQKAsBJx1+hosFw
XOQTikAo4OOMdc0AOpgMkTKMvYjGaAJ7UIbeN3UNkYwazsb3LP2lgMIoUewo
sBG87sef0NFgGF3Pc0AJyepz+NABx7UgDNABk9gKLgG44oCwhPvQAo2MjAJy
BnJNOJMiNBu6jArQzaAY69qBDiAT8tACAEHkUADHGB+ORQAnGKAFxwM80AJw
OKAExz6CkMceOnHrTAGAP0oAQ4xx1NAAfTvQAgBzxQIXIzjPJoAUAAUhi556
GmIbgHkUDFOOlACdO9AgAI7UAIDk4zQMU7RQADDDmgBc8YFACDkcDigQAHPe
gAY8Y7UhiYGKADOe3FAaCkkD60AAyeKAF+hJoAQnHagBp56igBc8imA4YGew
oATntSEBHPNAxSB2FADcHrQIQ9aYCj2NAw470ADYAyKBB17UhhyBntTAQ+ue
tACAcCgBSTQAEnHT86BCNgYI60AKOaAF46UDG85pBYMjJ4pgN6ikAsYAcZxU
SRcWSnHr+VY2NROB0H50wBiGGCo/GgAyRxQFhvXrQMOKQC0AJ+FMA/CkAY9R
QAmKLgGKADFAxKQC0wExSAPwoAOnWgA4oAMCgAoAKACgAp3EJQAUAIaAFouA
lAB2pgJQAtDAOM0gCi4Bj2o1ANpPQUCFEZ9cUwuMG0H3roOcVjyMDmmAhY56
YoEA6cUAOHJ4P4UALg4xQMUDB9KBARntzQAuATz07UBYTAB5xxQMQnnOMUCF
wMDHWkMUdSKBIQnFAwUkn2NMQoVcEngDuKADK8c8eooATOe2CO9ABkEHPWgB
o57UAOGMdKAsHU8UAxSOM9cUB6iADHy0B6CgEEmgLAuDkdKBibflwRQIXA70
AAHSkFgJx24PrTAXOQM/lQAmPQ/hQAoYAc5+lADc8EUAAYAYJwwoAXK4PHPt
SARTtGMZoAUMeMLj60wELMD069xQAp65x+VADgBnGOPTNIdhpBHPamIAVxx1
oAFIB5/KgY9eegwKQCEhs9OKYDscDacD0NIQwjnjg0wEI9e9ACZAOCMUAKTg
8c0AICPrQAq+tIdgAOcnpnpTAW3ChSjFvlY8D3rOSNIk2MHjOPegoM+1IABz
9KAELKO+fpQAm8dgaNAFXcRwMUAG3A+YgUWYCF4x1bPsKLCuNaUY+VD+NPlF
zCI7kk4A4pqInIcucD0qiAYDBGOaYAMg9aBC4IPTIoAQ4GCBQAAg9OgoAXOR
xxQAmcjnBoGAIxzx7UgEzk8DNAhepx0xQAvUHGPpQMaeBjvTAUdBQAYGeRig
AxkYoEBGetAC8AcUDDGeTQAmMkYNAhG64BoAZ+HPagBwUY5H60AOwAMUAB46
UDAA44oEICV56+1ADc88/lSAU56dM0DDIXigQoOaBgTznFACYOTTEO5AoAPm
56UAM/CgB3AGCKBidW46e1Ah2c8UAIOCaAD60DEOMYHWgQu0dR1oAOPTNACZ
AI9KADPpQAE57UDEJA4oATPtxQIcDxigAxQA1sYoAXoBQAdzigAzgcjmkNDW
AoAaM54GaAFJwV4wM1Myokn41izcOPWkAce9MQfhQMPwpAA/KgQUxhQAc0AH
NIBOaAEJxRYAyMUXAKADiiwBQAGjQBOKBhxQAYpXAMUAHegQUDAnFACE5pgF
IQUwDpQIM0DE60CDaT2oGOCHvQIXYKAFwPSmAYoEFAwoArknAwK6DmF3MOvU
0wAAjJz17UAOTGeelADlwCSo/OgAJ5yaQxV6dfwpiAnJzigBBkdsUAKw+XOf
agAIxzigBQ2T/KgBBxnnn0pAKemW4FAwA9KBCAcnn8KYAQoK8YAoATGWxnAo
AcFBoGGw5wo4oExqkn2xQFx2QFxQAD5cH1oACNvTv3HagAxk5BxgUACncelA
ADk44oC4McHFABngYNAC7iRyKBjSfmHtQIM45/OgAB4oACeKABsEDpQAY44p
AKMjB7e1AAGBPPamAvAPtQAEkDA70rDDIHBH40AKeFJPSgBuQUA6fSmIVeRw
KVxi4IPoKAAgHHbHpTEKzAYyKAGN1+XkdhQAZGOhoC4mNx3H6CgYpB/CgVhA
AG46UAADH7o/OkMVWJGM5oAltmKvIrMqbsHc1KRcSX91z87ufUcCpKGF0IyE
wB/eOaAGmRD7+woswuIHB+4h47mhRFzIaxc8jAp8ouYDuwMt1p8qFzMQqpAB
HPrnrT0FdiFAD0/CgQ8Y2ngcUAKD6jH9aAAjjCg496YCEeoxigB+AeAPxzSA
QHJx+lACc5PamIUDjqM0gGg5GKYxRSAMZHvQAp4HFAhAfbg96A0DGByKBgBn
igABBJ9qYC54oABjqO/rQAuRjigBpHp+VIBaYhvTigYpHy/0oAVcYzQAYz0I
oAOPagQ3BVuTQAvABNAxM9cUAJkZzQFhSQSCB9KAFbLckUAJjA6UCDnBJ6Cg
YKcDnvQKwc9vyoAaWNAC5yOMUAIOR7CkApwTnGBTATODQA7IxxQAHk9MUAHG
enNIYm7njpTELkE8dKAAnI96Bid8ZoAQZOeKQCnAGDTEGMDmgBMYoGBwRjFA
A2MAEcUCuGOlAWDHbFA7CEBTzSuFhGweTRdDsxcgDjpRdBysYxyOKmQ0SZHa

sTZADQMXNIA/OgQUDAkUwDigQuAaQCY9KYBgg0AIT7UhgMGgANACYoQBihoB
KAFPSkwEoGFAC4oEITQMKYgx60hiE9qYgA9KAF2mhIQbDTsFxwj9aAFCKO1A
C4A6CgAxRYAxRYBMUWAKACgAosAYoAhGQOldJzDCc/ePNABj5AfU8UAO2+po
AcvJxQApBJAGBikAA5PvnmmApPA7CgBrEZI9KLArCkDjrk9BQMceAQaBWGoQ
o57UAKdp+YdTSGKVU4z26UCFBDDGcUwDaoX0PrQMXjGCKBDSARjA+lADcEDn
igBVJ7UAJtAGVzjvigBckYGPzoABjOT+VAWAlQOO/agAwSDntQABfQ8UAKBg
5xxQAmfYUAHJ9qAFA5welACMMHNAAADx2NAB04C5oCwEgHGKAEIyeBQFgXrj
GMUgHcZAAxTARgQe2DQA4KSQP4aQxGwGwM4FOwgOWAwowKBgT2B+ooAHAIyB
+VIQo9qBi5OeOnqaYCYz+FArADwQe/WkMGB4GMDHFACcDrTELtAPoe1ACMTj
j8qAEUjPP6Uhj8Z70wsGDxxigBVJV9wAJHrSaHewrOzklsj0AGBSsHMxpQbc
Mfzp2C7FCqOi80CFx26etAA3y/lQAgzj2oAQ+gosA4YJ5oADgDgYPSgAznAz
n1pgNO7bkdqAHAYFAASFIB70CFPzHP3fakOwHLcgdOtAWA4I9PrTEIUB4Gci
gBQD25NAxM54xx60CFxj2oGAFAByBweDQAg4wozmgBp4OPXtQA4dxjigBcY7
UBYTuOKAAjPfFIBBndg/nTEOxlSBQMUYI7DFADcjpj8aQCE88cUAJ9KAFxzg
j86YgznpwKAF/KkAhwe/50DAbelMQrHJ4wKBjScd6BA3oKBhyTxjFAgPBoAA
QD0oAVTigABB9qQDetACkYxmmAmcHikMcKADoOBnNMLBgZxSuFmGOMYouh8r
A4xwaXMhqLG5wKOZByMVeeMUudD5GKFYdvxpc4cgAe+KOcfIBRvUUc7Hyljd
ZFxyCPalzsfIhN2e9HMw5ELu7E0rsOVAcf3qLsdkIcEcE0rhYa3AwKY7Du3F
ADXAI4qkzNqw9RkCs2aRHgUrgKBQAoFAARigBDilcAwPQUwGn2oAUHHBoAXO
aAENIBuMdKLDFzSASmAvFACHGKYCfWpGA6c0CDoaYBkUWAMMei07CuAjc9SB
SsFx4jHcmiwXF2AU7BccAB2oAKAEoAKACgAoCwlAC0AJQAUAJQAUAFAEBLEd
K6DmAAMMHr1pgLhcggYHpQAoxyMHJ6UAIMjH86AHE4HHSgAB4yQaBinbtBxQ
IAFxx+tABjPSgBvfigEOIBFAwIIbAI2igQDJBxQAq4GMUAI3LE9qQWAsOM/T
6UwuLkj7vNACKAT82R70BYMAngdOpoAU5zhaAEHDc9aAFx7j8aAEJ56cUDFZ
gBgdaBAM5Hb2oCwDIOO1AABk+goGAHzYzwKBASM9OlAA2D0FAWAgDpQMBzwK
AEwCeePegQDAIxzigBeh4HJ65oGBAx0pC0A8dulABv6A5IP6UwD5ew/OgYFc
DBORQAm1QcqeKQCqcHpTEG488flQAoYYIpAGOKYAABwBxQMGOFyDQAgIJz1N
ArASScGgBOnSgLChRnpSAkUZ4zTAYOnB4oAdgdcfhSGKQQTii4WD72Gz07UB
YM55x+VAWFbcRgD8QKLodmBUnopxSugswIbgBT7nFF0HKxwjcdFJ9+lF0HKx
pBz1xjtTEIc5Bz+GKAExigBQOQc4BoAUHmgAHXj9RQAZ9f8A9VMAzj8aAEHL
YoEAZs89PpQFh2MnHr6UDsJ919vakANgDimAADG6gAJIHFACcHj9aBXA8Hjm
gYMSDjBzQIXAHPbvQMQHn3oADk84pAAxjmmAhODx09qAF6nHOaAFJA6igQ3q
QccUAKxy3Tp0xQMUnIx69aAEwAMbee1AhAeOn1oAU8jHSkMaRx0oCw7joOtA
CE7RnrRcLDdwPFF0OzHAE0XQcrDaSaXMh8jFIA9KXMPkADr60c6DkF2kjpxS
5wUAC8D0NHOPkQhQE8nFLmY+RClAO9PmY+VCDHcflSuwsh20EYCnFF2FgChT
0pMaA8Hj9aQwOfamA0j3FADVPcsMdqQC8f3sikAZUetADhimAp9qQDTGp/ho
sFyMwnseKYXE8tiCARSABGwxkgY7UWAPLXOe1AAUX3AoAQoBwM81SYNCoTtA
PapYIeCKQDgRQAmce9AC5z2p3AY3NIBu4g47Uhjs+1MQhOaABT2pDFzQIKBi
UAFJAFVYAAJ6A0rCHFGPHAp2C4CP3osFxfLQ9cmiwC4VBwABQA7ORQFgpgFI
BKNQDFABQAYpgFIAx6UAGKAExigAoAMUAIRQAmDSsAAU7AAFFgIVYnHtXScw
YBGQe9AEe5RIEIIY9KAHgkHk59KAHKcKQOpoAUA9D2oAVSemeKAF2gd+DQAm
QcD06UAI5BIHT6UABC+uR2oATJzkYosFwG4nIFAxwJAzikAdulMAzkcdaAEC
N1oEO5xgcUAGAODQAnI4BwaAHbSR6YoAaMBskdaBgRk0CF7cGkMaQONo5pgL
yO9ACg4B/lSAQBuc0wFzjg8UAC9cYoEJzuPtQAqqCcDOewpDDIA7g9zTEBIH
HrQAnGeOtABzjPv0oHYUgAfMTj2FILBgnpnjvQFgGT2o0HZhgnoDnvSug5WO
CP0IOKLofKwEZx90/WjmQcjAxseOgo5kHIKI3Bxxj60uZByCmEnoRRzIfIKU
OMUcyDkAR5Od3TtRzByAYweuRS5g5A8tQOGo5h8gpQEYJ596OYOQBGuPT3o5
mHIgEYBIIJ96Lsaig2D+7+FF2HKh3lqRwoFF2HKhAgB4AFF2FkPCjH8NF2Fk

LtIHRRQMOewGaQC5bOcY9qADL9MH86AD5zx/OgBGDE4ByaAIDne/GCD0NVEz
kL1OaokDjcMrn2piDCg5HftQAnVvpQMU46A80CEx+tAADnj0oGLjB68mgQKA
WIHbnmgAwDkAc0DEI4yaAAAduT6UCFwSMZ4NAxCDQAnTAx+NAhfYdaBi4GKA
E5Xgc4oEAwevagYEgkHFIBSBkdOKAAgDpjmgBMgHjvRdDsxATn2+lK6HysXG
QAAeKXMh8jAAgZAOO5o5kHIKEc4zwD096XMHIK0eSAWAI7UczHyIQoufvUOT
DkQMo4yD7YFHMyuRC7eOPzpXYcqDjOQtFx2QuA3ZVNIZG6kccfhQA1Sc4J+m
KBDwFPQEkdRQA4eydOxoAPmwCBye3cUDFIOPvYPtSCwm31P60AAC9xnNABgA
8UAGTnimgHqWxnPFMQ1wVOSwOemKQCMwIx6daQxPlPJBx/KgLBhcfdoAQYB+
7igBcjqFFACE57AUgE3YOM0AG73pgN3cffz6e1AC5yByc9/emITGe1K4xcA8
46UgEBycAUAIQ2Mg/hSAQhs8GmA0EDgfjmm2CQ4EetSFhcgUwAuAcUAIz56U
gFHIoARh6UDFB4GKLiFoATGKVh3FAJ6CnYLjhGxp2FcXy89TSsguOEaj3osA
AAdAKAA0AFABTAMUgAgUWAMUAFABQAYoAMUAGKLAFMApCCgBKYBmgApAJmgA
zQMM0CEoGHNMCBRkegroOYCQTgdPakAwxgupPVeh9KYDgB360DAZAB7UAOGc
etAhQVJyeBigBchVyDxQAiH5icCgAI6bh0oD1E4IJNACDnpQFh30NAW7DlJ/
D2oD1E9cD8KAsJjaMYIoABnGaAHLnOG/WkNIGY529qLoOViBVoug5WKAQcCl
zIrlYENnAFHMg5GBBxS50PkYbTjGMe9HOg5ACEHpxS5w5BdpFHOHIAX2o5x8
gpGRRzhyCbCcccUc7HyIXGO1LmYciAIOuOvvRzMORBsx04o5mPlQuyjmYcqF
Cg9hS5h8qDao/houFhwA6ACi4WD8qAAY6ZFACZPtTEKuTkZFIYo68HFABznr
QAHpRcABFABn3oAMj1P4UwEBHORj3z1oAUFf/r0ALlT0FAACCKAFDD8fpQAu
5jyfzoACCe1ACgcUAIQueKQAo98UxC7W7EUAGCetAAQR3FAAFbtQMMH1oEAU
g5zz2AoAgyTJlHADZGapESQZxwM1ZAqkjCjp79aQgIG7+ftTAbjnGeKADKhs
DOOxxQAucY46UhiDOOPWgAxTELxjFAxx+UfKcH3oAbuGcN0NAhVHoMYoABk5
IoACMD5Tz60DEYk46fhQAzzAcqucg46VLdilG44FicYG4VPOVyCgSEEgDA7e
tHMx8iFEbkD39KOZhyocIsDBc0uZlWQeUg60XCyDy0HT+VFxigKB93PqKQBn
I3BMLQIQBh3AJ74oAQqc43YHcdjTsAi7cklyf9mkAqqoGOTnuetFwFAI6D86
ADLZySBQMBkc5/KgBjMR3OKAAOpGGoEKHQcDP1xnNADSQfmCEH0oAcitnp17
UAKQfXpSGGfegLC5oAQnHQE0AJkk8rj3pgL82PvKPQ0CEBwMF8mgLCgqSPvE
0XCw4ICchcn60wEIwSCMZFSxjefXFCATBxy3FADSvuTQAu3Pc/hQAhQZ6H86
AFVQf4aAHbMjoKQCbATjj60AAAPQ8etAC4B/CkAAAjpigBMA/wAOMd6YAFAG
SPpRYBMHHOKQEMpK44oGkMV8inYBc+tACMMGkA5HGMd6YDwGzwCRSEPEbemK
YDxFg9aLBcURrRYLihVHQCgQtABmgYlABigAwBSAMUAGKYBikAYoATAzQAcU
AGaACgAoAWkAho1AMUwCgBKVgDmnYAxTAMYpAFACZFMQcUAJkUhhmgCA428i
uk5g68jvQAc0ABA6mgAzwKAAZB60AJjNAWHEY+XqO1ABjIHtQAuM/SgAPCED
g9MUAGcg8D8KAAMQOOoosFwXd26GgB2cD3oATqnPX1oAVcNx0x0oHYjQFmOT
kHpWc2aQiSY5xWdzQUdaLgOwfSgA5oAAKLgLhu54oATBzQAoBouA4g4oACKQ
CYPrTAXbQAEUAGM+tAAVzxnFAAF7frQApXtzQAhGOKAADnHamAuBnijULAEG
Tj8jQFhdi49DQAmwetABsHrzQApAHemA3AH0pALgAZoAXApgBIA6UCEz3xj2
xRcBc8Zxj2oCwZOORQABmHUfSmA4E+9ACgMeNtABjB6AfjQAHaPvAZpAICM8
GmIXnpuH5UAADDow59KYC7D0zSABuHIIzQAmD6j6UAOCg/ecD8KAKkgH2lgD
1AzVIiSJM7QMc5qyBvVhg8+9AhTnfxgE/rQAg2jjH0zQALgNzyD7UgBgFGRy
PSgYoI7HFMQhI44oGH8qAHEdD+lACMM4OOKAAH3z7UCAY7d/SgA4HHUUAJhc
4/lQBHCxDybVBOc4NZs1iTqGI6/jjmpLHDAHLHBouMMp/CSPxoEJkZ7n8KAA
uF6KeaYCGQscBPxzQAgZ92MgD+8KAAFsnLewxQAgX1Y5pAKEQKFwSPei4xwO
B92gBME8AUgAg+uKYDWyR1/GgBoUHqx49O9ADggzuAJP1oAVU9EHuaAFCgen
0oACQOhpAJuA6ZoACSDwtACZc9FA980WAUByO2PagBMOQefyouFhQm4ZOTj3
oAFjUgnHA9aVwFAwOgFMBOn8VADgQeASadxWEbOeAR9aBoQ5zSAAvHOBQAYO
D0oAAOM7sH0oACBnJJBoAGwOvU96AAgYAxye9FgEYYG0DPvSAXA+4MY9aABv
mIXIwKAExk9itACgejZX0NGoB8ueG/CgBPk980ARSqrIQv3s8Uhoalu/cYph

ckFtnq1Arjxbpnkk0BccERfuqKBDqACgAoATPpQMMZ9qADAoAPoKAFxQAYoA
TApAFABQAUAGKLAJigBMUAGKAFxQITFAwxQAYoELimAUgENFwsFO4WDNIYlM
QYoAQikAnApjGl0XqwpANM6AgAZphYj7YAzXQcyDOBigB3QAjnPagBrMSKAF
wAM0AL0+lACgA0gGtnOTTAORwelAeo5Tj5fSgPQTblsk496AYoAAxQAg5GBQ
AA880AOXBzngdqAEJ4oAQ8JgHn1zQAQhtoBHIrGbOiJLgjsKgYoz6cUWAcc0
wG4OaAFAPpSAUg+lMBMGgBQDikAuDTACDRcAANIAwc0wAg+tAC4PrQAYyaAF
289aADafWgA2nPWgAAA70WAMehoAAoJ60AOwPU0AIFWmAuFxzQAEIKAE+Qdj
QAEqB90UAL8uOgoACVA4UUwDevZRSACyk9B9KYBvAPagAZ/pQAbz+NAg3scd
T9BQApDccGmA3gMO9JgEihSCOM9xSATBBH86EMG4xzxTEGeRhuPegYuMkAGi
4CYz0JHuaAFY4O1TkdyaBEDDNy57FRzVIzkLnIwG4HrWhAByTj09KBCr/s/r
QAEnI5J5oAUg9MdPWgLCEAjOcGgAG08YoGKW9OnpQIQ9Rjp6UAKxycDhaAFB
J4FAxME+3vQKwZwMYoAQjAzQAg5xQMjQlbiQdMHtUMuJPgdTk596g0QblHAH
4UDAsT90Y+tMQHc3YfnSANrdCentRcACZGQ4FMACLnk5pAOCgc7cD6UAGDjP
akMXB46f4UwG4IOC1ACbSejE+woAXYp4Gc96AsLgDhVB+tIBCOynPrxQApHG
ASKAA7SMdCPegAIU9VPHcUAHQ5YYHY0AKQQAWIx60wEIwBhsilYBRtHCjPsa
AF55CAD1zQAgDZwCB6mgBD1xuIHfFACEg4PYd80AIGBG44wOM0gAFfvHA5xT
AUDbw3B9qADcEGHI57igBjOAdpyR6jtQAbx0zlTQAgcMemB70AIJNx+dcAel
AAJCOG+ZewoAPMZQcHOegPakAnmMqkr1PY0BYQvgcHk0WAC5AwB8xphYCXIw
AQaQ7DsP0C0AKEOccD3zQIfsOevHrRYAKevIoC4hXuBkUASA8UALQIKLAJ9a
ACgYUAGAaBC49KADFAxOOwoABn0xRYBcUCEwKADOKBhxSASgAzQAUXAM0AFF
wEoAKADigAzQAmaACgAoAKADFADWZV6kCgCNp0HQ5+lAWGNc/wB1fzphYY0z
nvj6UBYYXYnkk0WGNzQMAfmFAEoYleO9dByACcHNACK3PrQCHA5PSgY9hyF4
6UCDB2/T1oCw0ZzxQA7GSM9aQWAAA5/SmAYGeevrQArgdumKAsMIBHpQAqqR
mgAyS3pQA9cbcEAUAJ1BAXigBsgHlHb6UDW49D8vSsJHQth4NIBc0gDcfSmA
Z9qAAMfSkAu6mAmfpQFhQT7UgFySaYByPSgAyTQAuT7UAIS2etABk5xmgA56
A0BYMNnlqADBz979KAFAP96gAwfWgAx70AAxzzigBSB6mgAAGMEmgA28daYC
7QO5oACFx1osAm0e9AClV7ZpgBC9gT+NIA2jsPzoAXAPQCgBSAPQUAHHt+VA
BkDjNAC7gD940wA4PcmgAYYTAA9c0xDJCuwEDPrUsaF2bQMMOe1AAVJxgjHe
gBQhyMMAPpQAuwseDigBCrHjdj8KAGurEjJwB3xQBC6/6XjJI2jrVxMpDsDI
GAfb0rQgCNpwKBBnGBjk0AGQDhjjPpSGL/DmgBCAAaYCA5HIxQAi8EnGRQIc
MNnsR2oACfmBA4HagA6DjrQAvJGM4oGAHGO9ACdOKBADhsjpQMgOFuMno2OP
WokXEsoGz90/TNQaD1TPHyg0DFCAnG4A/SkAu1AcFjn2pgIdoOOoPtQABgPl
CZHqKAEJJG0AAe/WgBctjG4EemKAGqDjIJ/KlYBfL3DJyD6UwFCBTyoBNAC4
x35Pp2pAJ8q8Z5NABlV4H3j3oAQjnGOT6UABB/iGfegBMYHIGPUUAAGBk5K0
AKu0DK/Mo6g0wEyGzt/I0gEDgcDhvQ0AG8AfOSr+1ADS6gYPU96AEL7RtClv
cUAIZDt2hRj60ANZmKAcbRQkA1iTxnA9qYASWHcikAZYrkZwaAAKzJkDr2pA
ARmGFHPpTANrZxgBvQ0AKqMzbeARQAbCWIVhgdqNQHLFvbhsY9RQALGrHBba
R+tIAEa/xjBHp0NFwHbEUZKZPY0wFACjpkmkAdB6k0wDOBgd6ADJAwAKAAOe
gxx1ouAbvRgMdjSAC3vigBUbcp9jTEP+lABQAn4ZpDDB7cUCDaO5oAX6UXGF
ABwKADPoKACgAxQAYoATHPSgQYoGIRSAMUgEJ9qdwD8KAA0gCmAYpAGKLAAF
MBDgdSB+NMBrSovVh+FILEZuU7AmgLDGuWPCgD3oCxE0jnq35UDsNJB607DE
zQAbqADJNMAwTSANpxTAVBh1J7GgCVhjBHFbnIG3A7c0ANxjtQA9Q2AAMCgB
ygg59KBikZPWgQmBngUABPoQKAEB4wRn3oAUYxQA7Hy5/SgBuAxwM0AKeAAa
AYEgDHrQMPYc0CFJ+Tjv1oAinwVCqOT2FJjiTA/lWDOhC5GOlIAFFwFNMAz6
UAKOe1AB+FAB2+6aQCgD0oAUY9P1oAM+1AWAH2oAUUwE79KAsABzwPzoAXnP
IFABkjsKAE5PQCgBRn0oAME9qAFA46igBAtADiBjoKADtQAc4pgBBx/9agAI
yKAAimApUgdaAAr70AG0e9IBSo6UagGBnGKYAwHaiwCce1IBwIoAUuB0FMBu
QBgA0CIcg5U9qTGiZd2BjBFIGhxVyOw/GmAbXJ4IH1NMAZXJGcAikAMrngsA

KAEZHxy420wK7YFz1/gqkZyF78Dn1rQzDBzySfagQEZHTn1oHYcBx2oATGBg
EY9KADHHtQIQ+lAADtOByKAAj5twPagALDOc0AAyMZ4oGL1PPegBCSCRnH0o
EBwBjtQMafrQJkcxAlUgg1MkXEuDaSCxw56VmbDlGOqfN2IFABscfw5J7kUA
BjdRjdQAeWB/EG9aADCA/K2aAAlM4HB+lAB37j3xQAZJPOR70gEJ5+YmgBOB
yefSmAcL1HNIAyAMkYbtQA0ttxnqaAEDgccH+lACeYFHBDDuPSgBDIB9wHHo
aQWGs+3/AFfAPUHpTAQvzleD7UAIztkE8Z70AIxIwWB9iaAFdHCg9QfSgAMb
4yoz7UXAf5LkfL17ii4B5YPyjrSAUxqflGAe5pgKEXgAcDrQAu3JAAwBQA3a
M5Hy4PSiwC4DNuJ2kenSgAYAnLnDdiKAEcAkFzk/3hQAqhNoyDn1xQAh5xgH
64oACD3Bx60AAB/iUY9c0ALhvYr6UAABHIIx6YoAQZ3ZLYPpQAZGcnrQA0Ef
WgABUHvzQAhKj+HB9aAFBAOGH4ikFh3GMEZHrQAiDDkDkGgGS4PsKBBgCgYo
57UwCgQmR2pAKM+lABjPU0DDAoEFABQAUAJTAKLgFIAxQAmKQxkrmMDAyCef
amIVTkZoEhSQO9IoazovVgKQEbXCDpk/SgLEbXLZ+VcD3phYjaZ2/ix9KQ7D
S2epJoHYTjtTGNJosAoJpgGDSEBApgHFFgD8KLAFIAzQAUwFU/Mv1pgSnJ4w
OelbnIIAc4oC9g4DD0oC4u7njp70AKp59qAB8cY6UAAI7DmgAIGcNkfSgAUb
fpQA5gBjac+1AAGJOCMUAISQ5IwO1AAgOeuTQAMQWx6daAAEKc4oC4FsjgfW
gCJj+9jA7HPFKRcNyyDxg1gbdQLcYxSAUNjsaAAkHtTAPwpAKD6A0wFJPpQA
mTjgUgAEntTAcCR2oAATnpQAAn0oCwoJ9KLAAz2FFwDBzwKADn0oAAD6UAHP
pQADPpTAUZx0oAOfSgA5oCw47sUAIQcYoAMMB2oADuoAXDeooCwY9TQAEHHW
gA2+9FwFKj1NAAVHTNAC7F9TQAFFHX+dAAAnTjFACnAHyhaYDScjpg/SgCNi
xPWgCAEiYJ3xmpY0W0cbQADQIdvJOMUwFO49UxQAh3E/d/WgAZW7gY+tACMG
zkldtAFZsfawCOqVaM5DwAQR0x0960uZ2AelAgyQcHpQMPmxwPzoEIeBn86A
AEdic0DBge/50CEHsKQC9TmgBCeeKYC8UAIx5oAOp5HbrQMQ8c0CAkg4J49q
AIrgDYGHGD1qZFxL6OfKQkcEcHFZmo4lwOcsPUdqAECOuSHZgeoJoGIQoGVP
J7E0ABKA4UYc+vNAC5O4BV2se+KBCOSPlcYx3oGNd+gc/J3agCN3CEjIYeop
AIZcE9CD0zQAgkIbP86LAN8wh92ck8YosAhZw3Q/U0ABD9dmSfegB4hftjJH
Si4B5Rxg8N6etAC+WmAGJDUAL5aDCsMH1oACgAwycdiKAAKcdAyj9KAHKpAO
MMvoe1AAB1Knj0oAAQDndg+lIBcoOuQxpgJkAfdyfWgAycY29e9AAA/3R0oA
COduaAEYIDhunqKAAlcjjcuOtABkD7o3L/Ki4Bux90ZHcGgBMt/DgexoAQls
YyM0AKS2MZBFACA9g3HpQAfKejcjtRYAyhPOQR37UAISCeV6d6AAkA525FAC
EseQtAB82M8UAKM4ycfSgBMMAe+aLgJgryp69qQCDCuGzg96YMs8dc0CDI7U
gsHWmMMUhAB6UALTAKQBTAQ4pAGaAEyKADincBCQKAAuBRYALAdSBSYIje4R
erj8KQ7ETXSnhULZoCxEZXYfLhRQVZDcnuxP40BYQ0AHNABSsMQ9OKAEx7Uw
DGKQBgCmAueaBWCgAxQAUAJmmAmaAsBNIBM+1MBVGWGfWmBOpwOa3OQRjlh2
ouFgYDtQDHKoIAPWgAK4PB4oAaMd/WgCQFQPY96AFJ3HFADSPfpQAoGQSP0o
CwfMRj05zQA3JzwOKAFBJOfSgABA4xk+tAARmgA9loAiQ5m6dBzWczSmWQ3H
QVkbWDcfQUAODUAIW+lMQgY0hjgTQAE4p3EIWpAOU0wFBoAATuxn8KAAHrQA
ZoAAx7UAOyR1wKYDCw7HP0pAID70AOGTQAZwOtFgFB4600Abh60gF3D1/SmA
E5HQ0AGfRSaQC4b+4fxoAUqf7pH40wF2k9B+tACYbPYUWAX8aAFxnv8ApQAb
fc/lQAuw++KAAJz0OPUmgBGZB1K4+tFgGGaEfxj8BTsA37XEvTccdeKAGNdo
T8qsBQALdREcq5pAO863dwSjBwMA0ASKgJ46YoAXGOlAC7z26UALuYn7oxQA
ZNAARnv+GKAKz8XSgjB21cTOQ488H/8AVWhnYBgfT1NIAJ6gc5H5UxApOcDr
70AIcdAD70AGSuPlz7UDAZYZHHtQAAYHTFABnI4FAhDlSDxigAGCcgHFAB9B
x70AI2duR1FAxeSMMR9aAEPT1xQAybmPBHXnikyolm0kb7Kp+8OmB1FZmiJH
37N0Zdif4W4FIoBwoZU+fupNAAXIx+6VW+tAA7vgblCnscUBYhczYw7kg9CB
0o1DQayvtAIZl9c0AIYmxwPloAQRsR8uMd80gHCHP8YGOx70AKkQPLA8dAO9
AD1RR88ifN+lADgDncwB9jQAq5HzHg9hQAhJzljg+1ADSRn5gSfWgBeRwykj
1oAXDAYxlaADaSMqePQUAIAGPytj26UAAClsbtpHY0AHyZ+ZcH2oACVB+ZPo
aADfjquR2oAAzKeOc9sUAISQc55PbNADNyg4zyfegBcjO0dT1oAQnHAGcdeK

QACRwo49CaAAlieAB7UAAyTwcH2pgLtJPcUAJsBPJx70ANCoD1x+NAWHKE/H
1xRcA+XoR9CBQAbh0K5FAAWJPA496ADPOQBj0oAOcg4x+FABhielACYOaADB
znPPpSAQjjORmmAxgpH3qLAWIyGQGgSJMfhSASmAcUhiblFO4WDcPSkAnJ9q
ADHvQAY570ABAxzQA0uidXFAEbXUY6An8KAsRNdMR8qAfWgLDDLI4+Ygewp3
DlI256kmkNAAvpxS1GBz2GKQwGaLAJhs0wFAPegBQGHT0ouKwmM9aQxMAUAB
z2oAQA+tMAxikAuDTAKBAaYDSRRYBM0AGPWgA4oAOaABQcjHrQBa2gD0zXQc
g1jxjv60AN5A5xQBIpBzmgdxWJVAcUCEUg9RigBOpwO1ADwflOO1ADAAPvE4
xQA5QRyOM0AByxIXsKAuN5Ix2HpQA4DnA6UAIdoJweaAuGeMfnQAEggcfjQD
I4sF3P0FZzNoE+KyNAwaLAKAaLADD2osAmKQD1FMGD0CEAzQMcFpiFAxQAhH
NACYoAXtQADpxQMUHIIPfvTFYjSHYDg53HvQFx4jCilYLi7RRYAx6UwHKF/i
o1AeAo6BfxoAUu3YD8BQAm9qAAsT0NAASfc0ALjPegAxjoh+uaAAso60XCw3
PHyqD7k0XCwfvDwCo/CgLBtk/v4+goAPLkP/AC1IFADWtN33pmP0NACCzi6s
zH8aAuOFpBj7rj3NACizhzyDimAG1txwEP50AHkovSNce9IByqoGNiigBw2d
8D8aAEGzdgMtFgAuucDpTAUHnqfpigAJX3oAXK46H+VAFOU5ulOMfLxVIzkO
IJ4z1rQzAkoBnJFAhBwchRz1oAX3J57UAKBkYGc+tAw4IwCaAADAIoAQ7m5z
+NAABkdaADGMfrQIbnkmgAA44Jz6UADAnjjikALwMYJPt0pgLkZwAPpQAjAF
CCOcUikGnkeU3BODwAetZs1RayuM7SG9CaRQbh3QA9qADLY5UexxQApDqMkc
H1FAAA4GVPB7UAJg9Vcc9QTQAhC/3wD6ZpAIAp4OAR7daYAcEYZSMHg0AKS5
zuxgUgAhmyzH5fbvQAmM/MWOPTNAC4QrvY49qAG7gASyH2IoAMthiygjqOaA
FBZSSpBU9vSmA0Eg5V8E9qQBuXPBw3cUANLIT8wIYdxQAFt3DJ9DQAZbPIyv
bmgBRvJyMY9PSgACuDkH8MUAIEOdxbn3NIA2pnORn60wA7R0I/KgBc4PGfwo
AaT6A/jSAMn+6BQAEMegxQAbWNMBQp/vfrQAhUD+IYpAGFA6j8qAAEYxTAM4
7cUBYCcdqLhYCWAHyjmgA+f6fhSACGPU0WATB6EmmAbPTNACFP8AOaAGmMY4
IpAIF29xTBk8YYIKBD9pPc0hhtosAbaBC7famAhKr1IH40gI2njXoc/Sgdhj
XQ/hT86LhYjaeRu4H0oCxGzOTyx/OkOw04zwKBgcCgA+lACYosAYFFgDjtQA
UhiCgAJphYWgBVORjvRYQ0kDtzSGFABii4AcUAN3DNMALUWATJ7CgBD7mmAm
R2FMQvJ9qQBgd6LiHY9BQMTHrQIcg+YY9aYyUZJGc4/lW5yA3Jx27UAGwgbj
yPagB2c4xx9KADAJwTgelAClcAUAGOQAaAEQE5x+tACgAdTQFhd2BnpQAhPz
+3tQAAsSTwB6UAITtOKAEX17mgBxOOAAaAGNkL7dcUBYW1KGLcAcknOazmbw
2Jtwz92sylsG8f3aAHBgf4aAAkf3aAELL/dpWAAc9KAF5HagBRj0pgLkelAB
kY6UAJhfegBQBjrQAuF9RQAYGOCKAEwKAFA9xTuApU47GkAm1u2KNQAg+1MA
wRTAT6CkAuTQAoJ9KQClvamAB/8AZFIAZhjpimBG0mBkE0BYamSSWOeeM1I0
WQVx/hTQgGM9KYC5/wBmgA3e1IAy3qB+FMAJY9xQAckck0AI+cd6YCbDjvSA
UR5HT9aADYMdhjvQAFAR1Uj60AHlqFwWWgBCAf4h7CmAu0cZkGO9ABhD/H+l
IAwnqxNAFVxuu19Npq4mch64J4Bx7+tWZgwBGDimIGzjI7UAJx1yPegAznOO
3SgByg44xx1oAaADkA9TQAZ+XB4IoGIBg5HGOvvQIDy2exFABke1ACHjkD8K
AFzk/doAQjsBj8aBjckfQUAKM5JzxikA2wOHddoJBz9KiRtE0NzkcooPapKE
O8D5yMdiBQA3aVUsXyPTPNIA2Iq5DZz2zTAUKmNythvQ0AINh7EN6YoARnVh
jZh/71AC78rtK59xQAhZipU9O3HSkAmWxgthfSgBAVPRuPSjQBNwJ57e1ABn
PVTigAw59MUwGKjk8Nn2osA4R4OcmkABFByxw1ADsJjBIz6gUwFJXGMMQKQC
A/7NACfNu4AFMBcv3IBoAQAk/Mee/NIBCFHoaADKjOP5UAIWAOdppAAPoMUw
DJ7flQAmGz3FAAcnqTSAMADvTAAB1HFAAxA54x9aQDd6YwStFwAyJ/CQaAG+
YooAaZB2FFwsKJW9CaeoC73PQGjUNBdz+lFmGgmH9aLCuJhz/EKdguBVv71F
guGz1Y0rBcTYpIG4807BcthlVQoPApANaaNRy35Uh2GNdJ/CpNMLDGuXP3QB
SCxGzu33nOPakFhmB3OfrQMTIFKwwyKYBk0CEwaBhSAWmFgzQAhoAQZoAWlc
YhoAKYCUgDNAB+lMABwOBmlZgIWxTsA0k0AJ3pgHTtQAueOlIAJyoHT3piEw
BQMUUCY7II6UCAAZ96B3FwDSAMUagC/eH1oESADPynIrpOUcV3HGenSmAcDj
OKQCKccelACbwGz60AOzgc5znpQAYyOcCgGKAMYoAMKOvagAGHGAePSgAYKA

do57UAJn09KAAnIzxn0oAMjBx1oAQBgMnt1oAazYBbHHrQCHwBUiUdzyaxkz
oih+QakYA5JoAenA5FAAxHai4EbckelAEikdqAHEg0AGRmkFgyO9MAyOmRTA
MgUgAmgAzxQAAH0oAXHFACEjoKAADNADgO1AC4xTATFAWFx6GgA5pALQAd+l
MA4/u0gI5HUjGMUwI/v/ACA8VIIlCEYFOwEw2gdcUwDKjoCaADIzwpoACwB+
5QABByOiD8aAF3PjoM/SgBC7gdR+AoARmfozHntigBOR3NABtJ9aAECHuDigB
VjycbTQA7ymP8NADhHjgqBQA7yjj0/GiwAE47cetOwDWOBgFfzosIqS5W6jz
6GqSIkO6ZI71oZiD1oEL0OSPrQAhAbtigBT1GO1ACck5J+ue9AClVOCBz7UB
YRiAPTFAAp2j5aAEJbHJoAaBgn+dACk8YoAQBse3ekMMhRxnrTAUEYx1BoAO
O3T0oAjtztu2GcAis5I0iXuScM5I9qmxoJgKepP40WAQADJBWgQAjOf5CgYo
IPIB+uKAFBbd93I9TQA193sKYhVUn1A9BSAPLz3P4GgYnloD8xAo0AAUU/KM
j6UAKWXpsP40gE3nsgx70wD5s8ED8KAGkNn7340AKVU9T+ZoAAEx1/KgBwdc
ABfxoAQsfTFIBuWyMfiKLAALE4zinYLgVJPt65osK4bfXFFguKQo+vtRYLhl
cYwaLBcbkdxmiwXELqO2KAE80djQAxpc9jSGM8w+lACF2PfFFguJgnuaLCuJ
sHf9aAuG0elMLihQO1GgXFwKAAYz0oESKVHancB+8dqAELE9qAE5NACZx3ou
FhCR/e/KkMYx46miwDdxVvl6mk1YEIS5+8xqblJBgUDDPpQAZoACaAExzQAY
oAKADNACZoADRcBccCgBKQBTsAdqQBQMaTTAWgBKLAFJMBCfwpgJmgLCGi4B
QAEgUAITxTAbu5osAZzQK44EUDHAY7UriHoAO3Wi4gxzmgBcUAGKVwFAycYp
3AVWCgACuk5bigAnvQFhMZOMk+tAAMl8HHFADyuCGGM5zigYpGTk9ScmgTEy
GbHYetACrgHnrQAEDk9jQAA5OAAKAEwMc8GgLCZwevFADN25+mBigEP2jac8
EdKAG5bODQCGS8RsO3SkNEyjgdOlYs6EO79KQC4GaQDwR6U7gJjJoACBmgBw
AxQAEHtQAmQKAFLccUAAH0oAMcdqAAjAoAMcdBQAY4xSAXApgBFACEgdP0os
AuRjuKAHZz3NACfiaLBcaXOeB+dOwXFDsWHANFguP+YdQPzosFxCxHp+dFgG
Mx7fjQBGT6nigB0I+bOcA0rBcnCc4ZjTsFx2xM/eP0pgKAoPWkApKjuKAG71
z1FAC709RQAebGOlACNKhHA5pgNMnt+dAAJcfwigBDIx6n8qLCuIZHP8Zx6U
rDuKJGHQkU7CuL5j/wB40WC4m9j1JNAXDcf8mmFwyehoEAbAIwPrQBDLnzY3
9yKaZEh4GBg1oQA5HI5oAQsCD+VAhRnGMA0DGjBFAhF47cehoAccgjYAAetA
wZcd8qeOKBCYGMc8UAIckYPH0oGBGV44IoFYU8jgUDEwQOv4UAIenJGKQDhu
zgDH9aAE3c5/SmBCQVu0A43CokXBl8xjOCak0DYgHJBHrSAFWJRgHv2FAB8v
GKAHZY9FzQMAXPQYFFgGuH28ge2KYhEV2HJ/AUrBcXy234ZcL/eJoGBVF7ik
A0svYUwEEiseF9uTQA0SFm2pt4647UWYXBizDl8H2FOwrjd6rw/ze4osK4b1
PT8qLBccnqABQFx2SOlOwXF3sRiiwXG8DvQAhcdyKAG717AmkAb27IfxoAPn
PoKLAJtY/wAf5CgA8sd2Y/jQK4bEHb86AEJUdMUXAjYg0rjGk8cCgYZNIAz7
UALQAmeaYBSswFyM07MGxQD2FPlZPMh2SBxT5WLmQmWzjn6UcoudCgE+op8g
c4u0n2HrRyoOcaVOcU+VC52Jt49PajlQczEJ5p2FdjGxv+tRMuDF4FYmwmfa
mAUgEzTswDNAWDNACE0AGaQBTGAzQgDHrSTELuJAXsOlO4CE4oAM8UAJmiwB
9KLAJmgA4pgJnmkMQkdqAEJpgNLCiwCF8UWENLt6VVkFxpJP40BqOBbFAkLh
h2P5Uhtj/KfI9KLoVx6x4HNTcdx4XikAoFAhwWgBQBQAhIFACBhkfWgLC8A8
dO2a6jlFPIG3r3oAb1OBxQAq8g7R06mgLDgT1x0oAXnr070AIMnkcUALkY9f
WgAyCMZ4FACEBTx1oAb1G7PIoAaw5GO9ADlBH3unpQFxxYEY6e9AB/HmgLak
dxyqhRyWwQaTKjuS4waxNxcH0pAIDg4xQA4YFFgHdTRYBCPpRYBVIFFgHA0A
NYL707ANyoNFgHDb3zSsAHYeMkfjRYBTt/vGnYLgMD+L86LBcUhSPvUWC4wg
A53GnYVxxPHWlYdxMmnYVxQz+uaLBcUO31NFgG+YaLAIXBPOaLCFJBx2I70W
AC56U7AIST0zQFxu09zgetKwXGsQDjrTGhA5U8Dj1pWGSCRiPmP0NLUBpc9m
NADlYnqTQK44896YADjvRYBc570CAkdzRcYm5fWgA3igQbxQAu/2NFxib/8A
ZoANx7CgQodvSgBdzcUAAJNAC80wEwfXHvQAjA7k55BpomQo+Y5zyO1aGYoz
jnj2oEB5agBCAeMYoAXIBAFACHg8nj0oAGwRigAOcdcfSgABOcdjQAFeOKAG
7cHHagAzjryB1xQMaxPfp7UCAKDQA/HUHj3FADCccUARz/K8bgYx3qWi4mgF
VhkljmoNBcAfw/nQMQ7R/doEJvQdvypDEMwH3QaAE85j0BosAgeQ9Bj607Cu

G6U9SBRYLibc/eYmiwXFwR6H8KYXI3LsjAECgCCON9nLZwe9ICS3jEat6k80
AOcMRwwFAiu8ZJHJoGSxgKo+QmmJkoJ7KB9TQAvzn+IfQCgBpHq5pABCd+fq
aAAFB0H6Uxhu9qQgJYDOOKNRjQ5PpRqIC3+1RqMNw9aLMQ3cPSnZiuhpfPAF
HKx8yE+YnGKORk86DaxHXGKOQOcCpxmnyBzgqknoafIhc4rBcADINHKg5mGw
U7InmY4KoPT8aLILsNq7sGgQ/wBgMUDECEfSmIaRzkUgFAOODxRcB2TjHJpg
NzgcjBoARzmgAAYDG3HvQMjdcEZrORcBtZG6EoGGKADFAARn6UAJgAY5NAgx
xQAYxQMMUCFP5UgGnFMABwelACnHemAfQVICZpoBC2KdhjCxPQUWEIS57YoA
UIT1ouAMu0UrjGd6YClc9Bii4WFEeaLgO8onoKVwHCHFLmC44RCi4iTbSEG2
gACgUwuKcCgBpIouFhC4FAWGF6YCZJ7UWAAMmgB55ziuk5RQccdMUAIeT14o
AVCQGCigCRG3DGKADIPQdO9AADgUBYRsDmgBc5HPGORQAEggcUANOD0HWgLC
NHgDBoAVTz81ACFN3RqAsOX5T16UARTAkBgM7Tkik0xx0JUkLKCDwayaOi4u
9scGlYLhk96LCuJnvTsFxc+9KwCH6mmAZx0JFFgDcfWiwXDJxQAmTRoIXce9
Fh3DdQABuMUCDd2oAM+tMAye1ADsqO9IBM0wDJ6UAKW44oEGRigBCQe1AxeK
AFAWgRIoGMBgPY96YDSGJx19qAGGLB+bNKw7gEQrlTz6UWC7GlaTC4BcHjik
MKYAPrQAvFABkUWAXj0oEGfamACkAv0oAUGnYAzQAZHrSsAuRjrTsAZB4yKL
MVw3KO5FOzC6FyD0yaOVi5kGcHGDRysOZCHcx2hSKaTE5D16YxVIhhxnJpgH
6+1AhGJzhRg+9ABycBcZ9xQAHcOpGPpQAEgHA5PuKABflBB70AAGAMjHrQAo
GGzQAzkduOxoAM9vWgAwNuAOKAsKMAA+poAQgk+1ACHHpQMjnGUTPQN0pMcS
yvmj1A9c1nY0FKuepp2APL+tFguO8sdhRYLihAO1AB+VACEqPvMKAE3AdMt+
FABk54Q/iaAD5yMgKB7mgCMlsn5gPoKQxr8LndSAVQpUZpgGAO1MBmRmlqA4
N6Yp2YroUOo6sfyosxXDevbNFmLmQmRjhSafKHMG7/ZxRyhzCljtB6U+VC5x
DuPAY80WQucQjjvn607IXMxNoJxgfWiyC4pCjjFMNRuzA4oFqJhvbFADhwfe
gBcbc/KT70AIMnotAD8fLjHAoCw3k4x2oAAuTQArAH6igBO3OaAFAGMYx7mg
LBikApGQMZ96YB0G31oAFAUbenvQAhLAUhiDk4bgYoEN7YHQ0DEOVPJ496AG
vnbmlIqI3FYG6CgoAKQCUxBnFAATigBMg0AGTjigAwT1P4UAGAKLgBxigBAf
aiwC5z2oAMGkAEUwEK89KAAD2oAMc0XAeEPYUBcXyiRg8UCuHkIOpouFwCov
QUgHBc9sUgAACgBdtMAxigAyBQAhYUAMZwKLAMLk9BRYBPmNABtz3p3AcFou
AoXFAgAx0ouOwhIzgV02OW4E4bFAXF4z6UAOXigBw65/CgBRgHA/OgBSARgD
pzQA37wIYcUAKR8oHQetADDnAoAUKeCOfagADfNTAHODn17UgBRgcigBcbjx
kUwDHNICEAxuyYwCciolG5pCRICazNBeaYBzQIOaBhRYBCaADPPWgBCaBC5o
AM80wuGaAFzQAA4pAGfSmAZoACcYPpQAu6gAz0oAM5oAAe1AroXNFguAPsKd
mDaHAgUcrFdAHX+7n+lFmF0KWGOEP1o5WLmQ0vnpn35o5WHMG7jIU4o5WHMh
Mk8U+UOYcqEkdBS5A5xNuDRyhziEYFPkDnFVSRnOPajkQc4uwnvg+nrRyoXM
wVCT1wO9PlQc4rJgHGcCjlQc7GhD1ycUcqDmYoQEdcfWiyFzMcE4p2QcwojA
Hr9aAuKUB7YxQIAAOcDNAAQQcqBz1GKYgKjPHX3oAM44waAAYwR3PSgByhsH
IB9xQA0uCcbSpoADy+D1oAXo2CCPegYgzvLD0oEGcnK9COtAC9c5/A0DG7ie
D29KBApJOQOtAC5yduefegA5z0H4UBYDnAz0oAaSp5A4HegBQOOnGPWgBP4Q
MEetACjPpQAEjZz3NIYx+cDHBINA0Wt45ADH8KgsQOx6Jke5oGGX/wBkCgBu
SfvPj2FACHZ3cn2BosIAyDtRZhcN6rRZhdAJQBxkj2p8rFzIN+Txn8aLMOYa
zk8c0coc40g44NHKg5xCmfvdKpJC5mGB0BIFFkLmY4KCOuaLILsbsAGBQK45
VHXoaADAJHFAC7RQAY9KADFACAYHSmIXBHI4oATk96QxuMGgQ5RuHSmA0nYS
AMigBRjbznPtQAqgAcigAJAPFAw6jn9KBAAO/Q0AI3B4oAPpQAoxmgBM5PTA
oAXrwRxQAc9u1ACHJ6cUAKOgzzQAHb9KAGsMDrmkA0Ek0ABFAwI3DPSiwXGO
CEK9qGNDB0HNYNHREO9AxSfwqQE47UwFxmmA0gDvSAKLALigA20CF20DDb7U
AG3mgBcAUAGPSkAvlt6UwuKIz3xSuK44RqOtADgqjoBQIUkDtQBGz+goHYT5
j7UgAJjvQAvAoACVFACFx2oAYXosMaXJp2ATk0CDbmgB6r7UCDbQMAtAC4oA
XbQAoFAEeNvauo5QUZoCwHHbk0wFyW4z0pAO+8OO1AWFXg4oAOQfagBcjOTn
8KAsI5zwAaABQDQAoXjrzQA1yAcY5oBgQQRnrQAE4PTFACqSevFAABmgBpwy

nAz9aATsJk5wazkmaKXcUnHXijlY+ZCjnpmjlDmQuOB70cjFzoQoQehxjrRy
BzjWQkcU+UOawBGGACDmjkBTF2ENtNHIHOLsIHP4UcgucPLPB6UcqHzhs9DT
5UHMKFz0NLlQuZimP1NPlQczDZgUcqDmYFFG33p2QuZjtigcjPpRZBcUICB2
osguIVUdqLCuxpHPTHvQA9UDY2gAjvQAqrwScZFACADOaYhxABIx2oAaigcA
Uhigc8mmINoJ4GKAsAIGc9KBiMARkflQAnQYOcGkAvU8dKAFADc4oAD7fyoA
UsAPQ9qAF6Dnj+tACEFgfT0oEHBA5wR1HrQMCpByMECgBVyTz+AoEKcDk9RQ
AMw4OMCgYjYJyMKfSgBeQQCc+9AhOQcg/jQAvU8H86YACeRgUAGd2VHBHegY
oOeDQA3vzQIOCOMn1IoAOCe+PegBQcYIHXtQAi8D8elACHjp09aAFAOKAAgZ
Hcj86AEbjgDrQA4/hQAhORgdO9ACsBkZ6dBQA1s5A9aAFyR2/GgBpBHb8KAE
JOVBI/woC5Jvf+9gewpWRfMIWcjg5z36UWQuZgijoxOfeiyFdhtTPH60aBcA
Ap4HWgA2jHzUALg4yBxQFhOQOOD70wAHPB6+tIBGz/COKADI4zTEKDtzxxQA
mRkkCkMUEY6detAAeBnHFMAC45JyD0oCwYz/AIUgE4ximIXGB3+tIYoxQAhO
T3pgHf8ArSATPOKACgAyc8ZHuKYgB/OgAGfSgA7EEc0AM5z0xQBIwAOO1AAC
Oh6diKAuNBOcUALkM3pSAOnHFACYyen50wBvagLACM+lAC554oAOT1H40AGc
9aAEGDmgAxyDxQAjDJ9KAGk4xzkUrjsMcZ6UMBgPA9qxZ0RFwakoMUAGKADZ
60wHBRSEGMdqADH4UXAXAoAMHtQABCaQDhHTEOEajqM0AOwB0GKAsFIAP0oA
aTigBhbPSi4xdpPtQIAoFFhgSBQIazgUDGFyaLAIcmgBNpNAXFCCgBwj9qAH
bBTEAQDtSAXApDDApgHFIQmD2FMYYoEKOtMLEIbAw3510nMKRg/LQFhcc0AO
2qBtHfrQFhQuOBRcLB0GT170AKDxgjPpQAA8Y9KAA+uQKAEAOcjpQAFx2oAa
eTQFgUhunXNAD+GB6GgBBkEZ6UAGCTx0oAEUnJ6AUAKQOnfOc0AG3J55oAFy
q4/SkMXAUnvnpTEGMkEDj3oAcAp78UAMJAbFACk+vWgAB3DBoAUDjBGPegAI
XGBQMB8h6dexoAbkk4AoAkxwBnHtQAzCg5J6UCHdFyB19aQxw6DkfSgBSMtg
jmmAjHpnpQAhK9hxQIQjavUg0AKrAcHHNIYPnORTFYOAOcigYoI6EfjQIbnj
igYg5GaBC5GMfzoHcQjNIB2DtwOaAEx09BQAoOKAA8tQAuO/ce9AClQy5Bx7
ZoAamAM470AOBA60AHbI6UAGCTzg0ALwB/jTAONuKBCE5UY4oAF6dePT1oAc
OnsaADODwR+VACKATnGM0DFA+c/pQIQkdxyfegAHII4yfSgAAbbjrigAXrgY
zQMOP4ex5oEHJb29KAEbHPNAAoUjjrQAqkAZI5FAABuHTHfFAABgErzQAhA7
CgAbaee/pSGIpyAppiFIBPNAAoyNqgcUABIHBH60ABJzkdPQUABk4wFHXr3p
DDr0GM96ADODgD60AAbNAA24tjJA9BQAYPQ9PWmKwoG0YoAM8cDjvQAmCMZH
BoGKSBwDQAmMnpQIUgjk4xQAmQRxxSGJk8YoAUnPtTAO3SgQufagYhxnP6Ug
BvrQAo5GR0oAQcHgjB7UxBgdfzoAQ53Db0oADgnPegBrP83AxQAb/agAHJ9q
AHFQCDQADHpQAp5PFADdoJzQAYGelAC46k/pQAgxnvQABQynPT1FACnoOmPU
UANBOefu0AOYjPBzmgBcgDHFACFugABoAQ45BHSgBpAJzgUANIyaQyJTnOB3
rJnRAdtJ6moKFCAUALigQuKADB7CkAoU96YBgZxigBwHtQAuO2KBBigB2aQB
QAZoAaWUd6LoLDS/oDQFhuM9TigYAqDQIC57CmA0uelACdaVhgEOelAhwjJo
AUR4FADggoAMY9KLjsGRSATNMQcmgAxSGGBTAOKAEouAGgBKAGIw8soRnPeu
o5WKhIGD60AgbgnPfsKABCcsPXqKAsO3bTnGfagA6jkUDFzgAY5oEA3JyOrd
qAEIOORQAAsq8elAAWAGcUAITwO2aAGldvQ4zQA8YxQAvUbcUAKOB9aADGe9
AWAAKDnHNAApAYAngUDBRkk9ee9Ag5Kn69qAHLjGD3oCwgU56YHagEgYg8Fe
ncUAhCAx6UAAHGOnNADyQpHTFIYgA6/ypgDAZGPzoENwFbOcUAPDBupAoAaM
Z5GRSGOYgrj8qYgxnFABjBI6UDDqOTQIaMscDgD1oAccdM596AFAGMYoARgF
IHrQGgdPcUgEOO1MA44pDFJ56/iKABsEjvigA470AA9jQAhbBxjmgAwcY70A
O6LjHNAChQBuyee1AAQD14xTEAz0wMHpQMT7pAI/KkAuM8AH6UxAMZ24w1AA
evXH1oACcjOMY9KAAZA7YoAUDBAXp6GgYYB/2fpQIOnHB/nQAMcEYoGK3UZo
ARse1AgHBoABx1oGIRkAjPB7UABKo5xzxQAIQfvce1AAQN2B0NAhegwR07UA
Jv6rj8fSgAO44IPTrQAnJ4zyTQApPGMUANx7YFAXFJ46GgAbO0YFAC9Djr70
hgoBOO/rTEAwq0AKTntQAgdicYwKADnd/WgYA4PA4PrQAHJ+opALnnHFACEg
cCmAo4XGfzoAaSegzgUAOHI45oACeOppAHJ69KAEPTpQIQAqM9AaYCikMN3O

BQApFACe2aAA4XtmgAzxigQgTGPSmAvBPtQAhPPpQAhBoAA396gBeDznigLC
A5HQUAO+uaQAQMdaYDBkE7enegByjcMUAKwIA54FACA5yD1oACGwMUAN5zig
BRwdpoACOw5oAQDvQA44IxSGIBxxTEA69jQAhHtxSAaQS3HFMY1FyTgcZrGR
tAd5bHov51Bdx4jbvxQK47y8e9ADdpHQUAJhs4PFFhigdqQDgPWnYQZoAKLj
EoEISBRYBpY9hSAQ5PU/lQAdO1AASaAGkE8AUwAIQOTSAAlADgntQA4L9BTA
MY6UgCkAUDDk0wExQAYFFgFpiEpAFACcDtQAhoGJSAKAAdaYEKjqSea6jlFX
JG0njOaAsPXng9KAsB+U5HegL2FVsDJHJoC4m7vmgABLZJ+lACjOc+lACk5H
IoAaSc8UAKP50B6BtOeaADHzbT2GaAHBeMgYFADg20YFADON/B4NAD/unIwR
60AAA6Dv2oAaQN3A+lACgtnHT3oAULgnng96AAHHQ0BcRiQaAFIIUYznvSGK
NoHHNACH7vvmmIMDdgnigYo9sCgQYIOeBSANoPWmFgXAJwMigBAQvGPwoAUA
HkjpQMdx1/rQIAmVyD+dACEFh8nA9TQALkdsj1FIYKSCccUwD5genWgQDJHJ
6HvSAUYBJpgI2DwOPagAUYOCPpQApBx0GKAEGAaQwB2nA796AGclqAHEd6AF
OcccmmA4YwDSAQEjn+EUxDiQTkAgHoKAAcfeHNAxFwO3NABuBYkdaAFxkgZH
1oANoPv70CEOQMH8xQAvJ4BoGJ7AfjQAoIJ5GCOtACsRQAnUADr6+lAgJ/hx
k0ABwMbuM9qAB/lIxyKABcshx1HPNAwQ8AjAoAQYJ9waBCswJyRg+tABnjAo
ANu3r0NACLjk5x7HvQAAleg696AEwMDHX9aAFPB+bnP6UAKTjr3oAQcgkZ4o
AQMSAOQD2oAACc8dOtADuBxj8aAA9qAEOSaBiE57YFAgJzjbx6570gFAyOfy
oGBOBjFMQYxwBxQAYz7UALjt2oGGMHjpQAnTIpCDrx1pjFJ4GPyoARSDkGkA
Z5x2ouAjHPbFMQdBxQA7nFAxCMkHP4UCAYJx+tIBcD6UAGMcc/SmAgOTzQAM
BQAnGPagLCZUnpSAUbe3WmAoxnpQAEnPU4oAAfbIoACM8igA5yccUAIeeOaA
Agrz+VAWDPPNAADmgBCQpORmgLBuA4wTx0oAXKkDA/OgBvU88UBYD1x2oACB
/wDXoAQgqRg5FAC5HakMWDA8wD1zWcjWJLWZoIeKBCF1FAxpk4oAQOWoEHOK
AFGfrQAhIFFwsJuJ6UAAXPUmkA7aPSgAwO9MBDtHagBpOe1ABn0pAKAT2pgL
gUAKBii4BmkAde1ABj3oAMCgAxQAmcUAJkdqVxiZNMAoASgA/CgA5osAmQOp
osAmQaAD8aQAAAetAWIVUk/Sus5R3A4oAQFgSKAHfN1oCwhYgAk+1ACsuQMU
APXgc8Y7UAICT06UALgAigBQOvtQFhhOD7UAOBB78+tAWFAwxoAOCvXBoAD0
GMCgBTtGNo570AAUge/agLDiR2GMd6BiEjIHWgQpGO/HoaADrwKQxQAHIOB6
ZpiEbJHQY9KAFOQcDoRQAioQcfjgUAkAwQSx/CkAoA6k/lTGIT6DFAhRywI7
UAISc4z+FACDIPAxQA45H3sGgAzk4A4oACBkDvQAEY65oABwv+FIBEyeFpgO
zg4IxQAuCen60AIeOOtIBrE9PWmAZIxxzQMXlmHFIQNjHXn0pgBz0IFIYEKB
nGPemKwowB3yKQxD1z0FMVh2MDI6d6Q7B2/woAVgCBzQAhIA25zj2piFyTyB
QAigbRnigBf4iSOtAB8ueBQAice3tQA4jOBtIoGIDg4xSACBzgUxBtxznP1o
GGTnoMetAASexznvigAPDDHWgAwcHGM+9AAoOM5FACY4xmgQoJAwVwKAAAYO
evagBAAVJbJx2oCwYxgHoaB2Hc46cetACMykANnrwaBA5AAXb15BoCwnfkfj
QAFMsDngUAJnINADlByKAEOSTk5x3oAFABJ5NAB2oGBxgHB4oEBz3GM0AGBi
gAbHFIYuB60CAHFMAAAXJ70DECgnPT60AKSAec0gEBFAB1Oe1MBcjoBSENOQ
e9AxRyPmFMQdTwOlAAMH7wwPSgBQRjFAxCT2/OkAYJ5FAgIzxTGKQcYFAgPH
WgBG+XBx19KAD6igBCAc0AJngADmgBQCBjv6UALgkYPH0oAGBIwOlAAF59aA
DaR0zigAxk8GgAB4x6d6AA5PNACdqAAjA44pBsIxZgAccd6LFXFBGTgdaZIA
cDFAAQM9aBiMO1IA2YFMQEkY/lQBGxXnrSGOtvvuB6VEjSJOcAVmzQYzjHTN
IZEQSeRQA4JQIUcDpxQAm7PSgAwx9qVgHBPWnYBQAKAELqvegLEbSAngUgEB
Y9qYDgpNAXHBPU0AKCO1F0ApJNACYoAXGKQBgUALTAbSATNIBOtMLBj2oGGK
VgDpTAaWGcfyoATPoKQCHdnr+VFwsAFMBcCgBMCiwBgUWABjNFkA0jByOK6j
lGdTQA4qcgikAHgYPBpgKFz7CgBTyev0oAXGcH0oARCCTnpQA4kBQaAG4Gfm
oACcKBgc0ACjBzx9KAHAYUt+lACkcZoAEAHUZ9KAAc5HT2oAVTxnAP1oAAcg
0AHCUANJJ6CgCQHIGAM0hiYO4kimIUFT7H6UAB9scUAA4xg4PtQAmFU5PQ0A
lW4+XpQAHIILGgBMEjggCgB23aBk9aAHE4GCaQxpPoOPWmICWUAjvSAUhunF
AwwevYdeaYgyB0FABlgc4xQAYzz1J70AOJA6g5oABjHXNACcH2xQAgJIOO1A

Dl+7QAwnjpQApHAI/GgGK2SpX9aBgoOMUAKwAGOAfWgQHjAyGz6UhigjHXB7
0AAAPTigAA3A8nPpQIEyQVPy+1MA2gDqT7mgAUMDgkYNIYdiMigQ0HjAH40x
ijB7kfU0AKyqOo5oAUZ6ZwKQCZPPSmIQnI56HigBTjj0FAWAkAcUAIQMZI/G
gYoHy5H50AAJ/iwB7UABILBckg96AEZWBAzx2NAgIHQ8+4oAUnI6dKAEJzgD
qaQxVxjBGfWmIa5JHt60ALkYPvQAHgDoc0AClTnPHHSgABUgZz+FACYBOFyP
rQA7O08CkAgGBk80wF6jGQPY0DAqCQFP50CDGDzz9KADGTwKQw4zjv2oEBBP
HFMBCB0FAC89KADknBHFAAyjIwBQAYoABycDtQMTBPP86BWA8ikMBgEAUBYO
D60xCjgegoGJggdPxoEHegBcDtQAEnHSgBu7nnpQAZ/AdqAFHHbNAxOM4HWg
QhHODwaAFzgjac+uaAHE4FIY0Ekn0oEKAAKYC549KQCDHWmAAZFACEFeRQAu
Oc55NADRljjOAKAHYHYc0ANHB56UBYdn0FACDBbnj2oAaTgnFAwySaBDGJB5
oAGIJye9IYRnbJkdxg1E0XBkpJPesjUAlFgFAAoACeOBSCwgGetAC8CmAjOq
0AMMueADQA3Dt1OBRYBVjz60APEa0AOAA6AUXCwE+lACYz1pAKFp2AMCiwC0
DExQIOBSACaLgJQAnFFgELAUhibs9KAsGc96ADigBjx7iCG2kelCYDuB3oCw
hZaBhvHagA3A9qBCE+gpgBJ9hQAAHI5oAiDEjBrqOUXO2gBynJ7UAI6nf16C
gBVPOfSgAU8dKAAnJBoAVQT0FAIcSM4HpQAjbcbj2oADgkelAAVAAYdaAHA4
7ZoARiT8pPFADjgBcCgAAXPWgLAeT7UAISSQAaAFZR0PXtQA1SQMDigBeFGf
X0oBIk5BwMUDD5hx2oEIwoAUAgcnGaABeeO3rQAhUdqAsIUUjqQaAFCjgUAD
dcMMUDsGQcfzpBoLnJwDgUwGbsvgdBSAeTjoeaAEHNAg4zx+lMBd64IwcnpQ
AqggDcKBgcdqBAACP6CgBuCvt6UBcMADOfwoCw4EAEKeTSGIMEdKYBtz93j6
0CFBwcH8/SkAhGRgc49KBjiAQOB+NAAoHXv2xQFgzkdPx70AIhPTGfrQApJB
zwD0AFAAoGck80CAgBs+vWmAEjpzQMDjHTNAhN2OFGD69qAF7Zbn1oAATnvj
tQMAQBz1NACEEj6UCFJ2gdKAEGc5FAwxjv8AlQIAoz/s/WgAA6j8sUDFT72M
5A9qBAMEZAoACQTxQMRyBgY2k9SaBC/LgY+770DsBCoc4JoEAJzkjA9KAA/d
2DnPpQApOFyPTkGgBoIIIxx60AHGc44HSgBcqec49qAA4JwD+OKADJxz2oAT
n8PSgAKgkGgBcHtmgBShxmgBPpSGIcZ/pQKwo6dsUDAjpimIDgDI5oAXoeQR
ikMbjJ64oAXHv2pgCjIGOBQITGckH8KAA89qAFH0FIYp9qAEycYNMA2sehwK
BAFxzQAHG33NABnA60AJg8nHHpQAYGKAAAD6GgBABnjikAnFMByqCo4oANoz
xQAKMGgAJPbAoANwNAATnHFABnJwBjNABg9KABdx6jGO9AAMAUAJkKc9KAsI
cEdaADBxgYoACPUUAA4OKAAnB9aAGkDqe/b0pDGsoHSgYkYy4zUSQ4lkcdqy
NkNZ1X2ouFhm8t0BxQA8cUgEYntQBHtYnrgUWAURjPr9aYDwg+lAChQP/r0A
G4dhQAHJ9qAACgBQKLALzQAlAwzQITPoKADHrSAQkZoATf6CgBpZj3oHYTB9
aQCbPemAuO1ACYoANvtSsAu2gBNme1NAASgB20UWAMCgAwKBBgCgBB7UxkR4
Hauk5RBxxjNACnjoKAFA5GM/WgBAcE0BcXqvAAAoAUBQRjr3oAUZJP8ASgAU
7hj1PWgBQu5iD070BYCozhaAE+bhcUAKMqMUAAXJ5FACsR06CgAzuwBjIFAA
cYPP4UALjcAcYxwBQA/BwMdaAG7QOnU9qAE43YPQ0AOBAHt6UANBAOf0oAcO
nFADTgkcn6UAOJAICtg0AGGz978qAEwMZClj3NAACz9+PSgBcAfe4oAZv64F
AIGB9fwIpDHKcjIH1FAMcSCMY696YhCMcDNACYwfSkA44xTCwgPTIOP0oAVh
k4XAoAASPTNADsYIxzQAgUHkEcdqAG8bvSgLC8g4XvSAXnoeD60wDhvTigLC
Fdv3TyaQ/QOec0w9RfukZ/CkApyOh4NMBCOcgUgF3HcOBx3oAUjHXBJ9KYCE
r3HNAATk4xx60CDjjINAwYYXjtQICCeD+lAAQTjHNABhgcEjigBAOcY/GgA3
DJxzQAEA9jmgAxk4H5UDDYCPc0CANnCgc5xmgBeM45HrQAEgAqMUDGkFRnGO
eKBCgoOpyfXsKQxQVGQGznrgUwADjrn60CAYB6UABznGQKADI9M+9ACdOhzn
07UDDjPegQBcjPpQAZyeOAO1AAxBx1/CgBc8YoACecGgA4PtigA4PBP4UDEx
gDvikAoALEgAexpiAr7UAG0jGeB6UAIpDDPQg9KAHBt3I79jSGJgZwaAA5AA
JoANoJxTEIABwOlAChc5AzgdaQwPAoAATnNMQZPTHFABj86ADOByetAADg8U
ABJ7CgBCc/SgAUcnHegAJ5oAUgdqAEwB1oACeBjpQAv40ANxg9KAF5x0xQAg
C96AEzjg0AO4PI4oAMgHBNADc5GM4oAXgigBCdvpj3oAFUHrx7UAOx/tfhQA
mR6UAAGeKAG5AznjBoGMJpAIGyOTg0DAnBBGOtTIcUSOxJwv6VizZDkj7kU7

gPwo6UgsIWHTAFACfhSAAvrxTAcBjuKAELHtRcAxnrS9QDaKfoAZx0oAM5oA
MGgBMgd80ABYUBYTce3FKwCZNA7CYz2oAMUaALtoELtoAQrQMXAFACECgA4o
AQnFILADmmAhJFABz6UAGD6UCF2mmFwC0WC4YoAXAoAgGB2rpOYVgOwxQA3P
bHHrQAucDigBnU/jQBIMDjP1FACgAdB060ACYPC0ACgDjNACqQFJ5yaAFGQM
dKAAevegBM5OKAHZxxQA1juTnrmgA3AYwKAFXggsOtADscHHWgB3Rcd6AGnG
cdDQAEdAOtACEEDDdaAAN2xQA7b60BYTFACHHpQA5SOgFIAJwMAdaYCDAOMY
NAACSeeg70ACEEscfSkMO3rTEG8dhyaQCkkLjHFAC4PBzTAaeW5oAfkA9CRS
AOWGB1NMAXPcYxQAjDueCaAFxnpx6igAPbj/AOvQAevy5NAAhKqc/lQAuO/H
PvQAhBODQFhCpU5yMUBYXPc0AJnPWkMUE+nHamApPGMc+tAAnX5uR7UCAE7j
6CgYpI+ueuaAEzzjoDQIMk9OB3oGGF7dPegQoweDQAm4FuBgDvQAdTnIxQAZ
wSM8EZoAQDIGBj1oAVicjYOnWgYDJ5xQAgIHHSgQDOcqOnrQA7B5NADDwcZ5
oAdgY+bPHbNAAAD2/CgLARngcEdqAE2K3UYoAcCCMEZxQFgbjk+nGaAEwQBj
vQAAY45oGJjnOSDQAoz3oAQAZwOD2oAFBBwSM0AKQM4bp3oEIAMc5x2oAVdv
UUAAOBkjmgBCaAAcn6UAKx49M0AICFOGzzQAAYYgcUAKB2/OgA4H8OfxoGBO
fwoACc9sUAAORQABygI7GkAfKetAAcZxyBTEIQB0NAAQc5PU0gDA9MUwFAoA
B+VACNwOPxoCwZ4GDz3oAB0oAXGaAE6/SgBSM9qAAY780AJ1zigBcgjpigBM
AUAHck0ANwc8jAoATAz7UAPGDx2oAQLigBSBjhfzoATORz2oAFCgcEkUAKME
c0AMIPbgUgG7R/EaYCYGetIYhC560MYmAOKTBFwbVUEDtWLNkNLg9M1IxuCe
xp2AUL680ALgDtQAZ9qADGaQABg9qaAC3tiiwCbge/5UAJkdhQAEsenFFwAg
ng5pXAQIKYxdtKwC7RQITAosAcCnYAzQAZzQAnJpDDB9aACgQY9qLAGKAACg
AxQAu2iwBtxTsAAUAGBQAcUAGRQAZpgVVwMjv6V0HNYM565FACE84xQAAnOK
ADAX19qAsPJAGfWgBUBK+9ACjKnCjFAAgwSTgmgBeO1ACjaR1oAQHPQcGgBS
vP8AWgBoGDx+tAAxzj3oAcoxz1xQAgIPagB4IAxQMMdD0oEDYPJ60BYQDJzn
pQAmfUcUALyOAOKAHMMp149KAEIyfl6UAICD8uORQAMMAletACLgEHqaAH8s
cbcUANO/oMYoGIQ4AHalYB+wgA0AADAnAGfemICD/EeaADDdSePagAyCOOCO
llLCkkgetMBMMB0FAAGbnIzSAASRgAfnTAXAJzzQAACgAOFIPNAANp7mkADg
YI6UwF7GkMQJjv19aYCFcg8gUBYVgVG1ulIAXAB3c+maAEDDGCKYhVGB70AL
gZAB/E0AB4OAOaBgRkcnPtQFhVBU/d60AGBk980CEJC45xQMUYI4FAhDjOMY
oABkHkDbQMDwmc8HrQIARt28exoATtigBVIyMDBoAXquAQOe9ADSOc+lAC53
H7tACN1wBj2oAUA9T1HQigAAJOT+dAwZcgA56+tAhSACB0B/SgBCSDg80AGR
t4P4UAA6c0AISTx6UDD2Ix7igQ4kn6e9ACMBx2pDExzkmmIUcnPT0oACNp4H
NAAST1/SiwAO1AC4Jzg0AAIxyKAsIBkcCgAII6YH0oAB06Y/GgAzzjt6UgAc
cDgGmAvbPpQA0nAB9aBigZHzD6UCEx+FAClc4J6ikAMOKYWE54B49KAHDrQA
hGfb6UgADA9aYCEjOKAFAGeO1AAfXFAAD2xQAhJHAoAM8dKAAnGKAFGMfWgB
pAyKAFA9+KADIHA/WgBGw3fApANAzTGPGAOR17UCAUALye4xQA3AAweaAsIB
np0oACQGG0Y9RQAMeaAGueMUAIACOaBiFfTmlYBCMng0mhk6AsgrGRtEcFxS
GLg/hQAfQUgD60wELAfWkAgJ/uk07ALg/SiwBtHfmgAwB0AFAB+IoASgYDFA
gyKADNABn2oATBPSgAxQAYHpQAY9qADBosAoHtRYA2/SgAwKAFwPSgBMD0pA
HPagBMH1pgLj1oAMCiwBigBKADAosAYGaLAVlHyckZ966TmAEYOetACdBk0A
N/iz69qAY5QT1/KgBX6j0oAcBj6UDHEhR160ACggcdKBCDnjGKAFwBx2oAUj
5PfsKAEyelACDnORxQAuBkAdMUAKxx7UAAPHTFAD1AC9RzQAE9BjGKAA4Zce
9ACcEY70XAULj/CgBG47H2oACTs5HFAMBkKSPyoARmHpzQAYCj69qAEGSc4x
QA884HOR3oGHO7nGPagQtAAeCAucHrQAYB/iNACEYI28ex70AByDg9PagBCA
en6UAOAAGDn60ANGCcdqAHBgvqfwoAaAM7umelACuSANvftQAoxj3oAC4Pag
BQQTxigBE+8Qwz9DQAmPmwDjFAx4PzcnkCgBMDnJxQAmQG55HvSARvlH16UC
EUkcUDHDGeM0AHII4pgLyDz1oEByD0/GgBck4BPNAwI2jpj096BAPmGeMDrQ
ABmU/KTikA0AKSDxnmmAqnBI6g/pQApwq+1ACEkkdqQxADk56CmIU4xkUBYT
nOePxoADnGew7UAK+QowOvvQAmePegLiqRgZz70DFBDcnIHtQIOAOelACDDH

joaADAPrQOwhGTwAPWgVheOgOaAAcHGaAAsA2BQAAk44GDQAp+bAz0oGNOcg
daBC4OcnpQAhB9aAAA+lACkflQAqrtOe3WgBMAt6CgAwFYAd6BgQc9RQAgGT
7+9AhSCD8wyPagYZxwKBAcHigAAGOKADJGOhoAUE4zn8MUhihnAxn9KLBcYx
PTpTAACOetAhcetIBcUAJjvQAgUA5FMBRjOaB2A5PSkAgJJ+7TEL8wOVFAAA
T14ouFhCpzg8igBSoB46UAMON2KAsOb5fujjvzQAH7uPSgBOOwx60AKRxQFh
uMe9ADsg8CgBDleAKAAkY9DQAzJ/CgB4C9RkZFACAAHmgLCcE9MfSkA0ADOO
M0AIR3BoGGw0mguTQghACeO1ZSNoEjOq8dfpUlDFLHnBNADvm9QB7UAGwd8n
8aAAYHQYoAXOaAEoGIaBCUDENAg+lAChaADGOtIA4pgGCaLALtNFgALntRYB
duOvFMAxigA+lIA5pgGKQBigA6UwEOBSAMj0pAH4U7hYTmi4CHNAAeuKQBzT
AXBpgJzSAqgFsAd66TmA5oARuT1/CkAoBPAGaYCLk80AiRhkKeMdwKAYA7eA
M+9AAQcFuMDtQAoOenANACkYxjkGgBQRzxQAhBHPbvQAAgHJyM9KAHdU9R3o
ATjB20ABywBPrQAEbfxoAXIyNo4PrSAVx8pzTAQEHn+VAAvGfTsaADvljkdj
QArKSM5wB+tACYyuMYNADjyQOwoAQp8ufSgLDdgGCDk0AKysQCCfoKAHHlcY
5oATPQAH8aAFIGc9KA2E3gHaOD60BcXqAoApAB4pgIw2gHGaAFxu4A6jtQAY
wMMTQAYyOWwKBijngYP0oFYaSeB29KAHjNIYnA+vpQIMgNx+VMLgSBtwOTQA
uME4PWgBGHTHWgBCdrHByaAFGMZJxnrQA0g78HoORQA4/N9aQCLy+MYpjHY+
fnikFg5zxTEIpcnB4oAUvkYHSgAJwBjGaAE3ZYUAOxgH27UDEPIB6f1oAB8w
zmlcBFHYD8aYhSGztz9c0AL82duM4oGBJxjaPx70AJg7c5/KgQuOOCMDnmgB
uARuPFAxVAI6ZoAB6dqQgPyuBnP0oAU560x2EXJOT0oEKDjGOM0AICeQCM/p
QAYz1IoAB1xQApxjkmgBBkj6d6ADAPANAAFwetAwGTnaf0oEDZJGPujqaAEA
w3Xj1oAVs5I7UAAwvfPtQAfjQAdRzx6UAGCoBzk0DsGeMMMf1oAARjgZoEJg
MuOc/XpQAoHGPzpAKBngUDEHB9qYgwBxzmgABwenNAASc8UAB/U0AGe1IAOD
7UALkdM0DAn0oAQ89KADGOlACEc80xAOAOnNACg54oATIFIBQw/hz+NMAB3H
PpQA1lz1FACqQPloACR2oAAOeaAAjPSgBAO5zQAgGRnOKAF6dDmgADdjQFxS
M8CgAJxwBQA3k9qAFAwaAArgc0hoj4BwBQApzjFADh83B7elZTNYEgUAVBY8
D0oAKBhigQYAoAaSKLgIWFACcnpRcYbT9KBBt96AF6dBmgAwT7UagKEosAoH
oKYCgfhQAcfWgQD6UDAjPegAxQAHAoAbuFFwsGTSAKADFABRYApgJRYAoAQ0
gDFACc0ABIHegBu4dqLAQA5OK6TmEGBQCEzk8UAxQWBoAQkAcigB5Y4wF/Gg
GCghMmgAU4IAHX9KAHjOMetACEYGR0oBig4xjvQArf3fUUABPybaAsBzjgcU
AKvagAyBwaAFJ+U56UADdFAHGetAA/Xnp6UAIDtA4oBATzx0NABnB2npQAfM
TjPHpQA4kDg9aAEBzgZxQAm7BwDQAuBtyR1oCw4Aep/CgBMkHpQAKQT0/CgB
CC/A+XHXNACPHkgjjHegBwU5PP5UAKmRkntQAEn7uAQaAAEADqKQw69elAhh
VT2pgLtA6Nj6UABUKMhvxoAcrev50hinaT/hQFhMZPBpiFUdM8igBM47cUAK
OAcdaBiFTuyOaBBg529j3oACcnBAyKABcMMAYPvSGITjGcbs0xDge4NAw25G
c4+tArAcEYoARuBxQAoA6kZ+lAwIwM54HbvQIQYJ46UAOxxgDr60ANzQAp5x
g/lSGBPPPWmIQ8NwMGgB2TkAfjQAnJJ7L7UAIuSeBQAZAPIoAUpg5lwPQGgA
OSMZ4oAAGKkLgfWgAJ+VV796Qwb5ehwDQAYHTqPSmIAMDAoCwrYAGcfWgLCA
gHABGaQCE9vWmAHGKAFQgD2pBYAAx460wFwwOOnvmgBB0JwOKAAcjpigYYIA
75oEOAA6UANbGMDFAAASwAP/ANagBT1xxxQAhG4igAPoOMUACkZxigBc5PA/
CgAxn2oAF/KgBG5NAwyM/SgQuQaAGnrk9aAAE0DAHJ5oEB2g4xSAUYpgB6Zx
igBMgdBQAZ7EUAHYDH40AGMYoGG4HoKBC5VQB/KgAIFABjHrigBpbHQUgDlu
h59KYDgCeKAE6LigAAz1/KgBGA6ZxQAbSAKAEAAOTQAoOKAHAcZoACT+FACE
ADp1oAQEke1IAYA9s0DGLknBoAfGMswrORpAlC1maDsYoATIoAQsO1AWG5JP
A4oAXZ3JoAMKOlAAMn2oAXZnvTsFxdgFFgFA9BQAYPfpTAMgdqQC5z/9agLB
gUAHHamIKAENACHHuaAG89gKm4wxQAoUCiwARTAM0AJmi4WEpAHFACZAoAQu
O1ACF/woAYWB75+lABn0GKdwFoAiAJOK6DmBkQHA4PrQAbQOh5oAFByd3SgB
CuRkHHNADg46Dk0AG0n8O1AWA5BHGKAFGdwx1PrQAnABGaAFQcDigBdoxmgB
eNpoAVT2z9aQ0DfK2BnFMQgG45AoAViD2oAUY4z2oARjg0ArCsVZhzx/KgGM

78cigEPYA80AAGTkDFACAHPI+maAHZwfSgYYBBGBQKwYGM46e9ACAY+lACgb
vloAdgqDgCgBB6E9aAAcD5jwOmKAEye3FADQTj2oAcCM/WgAOSMEcUAG7ApD
FAJBNMVhoJKgelADhzwelAAPu8DigBN3PHJFAw7Z4z6UCFJyuCcUAKuFGDhv
WgAAGCegFAABnocUDAk9qBAoGDyQaBjSSTxxQIDywJ5xQCQpx7e1AwYjAODm
gQLh+CSPTFAAB29KAAbSeODSGDDI45NMQqkDGM0AKPlfk4PpQApKk0ANAz2x
z1oACuec4oAAAT6D1oGGdoz1oEHbGDzQAnRfTHQUAKoDZwcEevegAYFscdKA
FFACZXPXI9qAEyBjAzSGK3Uc0xCcg89PUUAKD75oAAM9KAFAJPXpQMQgZoEG
M/SgBduB7GgBMDpjpQAKOccn2oAXqaBgBzigQp6dPzoARvyoACOM0AA4HAoA
Q9OB1oAOelIY7O7j0pgNyQcAZoEKQQRnI96AAnIx1FAADnj+lACcZIpDADI5
HIpiDJHagBxwfegY09fTNAhSP0oAapz7igBSQDgZoAM0DEOOg/OgQMTn6d6A
Bcep9xQANgjj8qQxEGM5IoCwYBOcYx6UxCk9+tAARxxQAh44xn3oAXH4UAKu
AB7UAIWBJ6g0AAwwzk8UADDigAPzDbzx0xQAnSgBfTgYoAUYxxQAMeAFGSew
oAb86naykEdQeCKAELgdaQBimCGkEcZpDHwHDsG9KzmaRJSw6VmaByaAALnr
QAu0DtQAhOKYCYJpAOCAUwHBRQICQOBQA0DJ5/KgY4cDimIDQAh6/wBKQ0AP
agB1AgxTAKAGn2oCw3BNIYuBQAZ9KAEOaQCAe9FgDIHpQA0uB3z9KYCM+Ogo
0AiaQjt+VILCB2P8NFwFySfSi4xDSAAcdqLgKHFMVg3DimFhoAxnNdBzA21j
kUAC/dGcfSgA74zQA3GSTnigBwAOMce9AC7W/CgLAcArjnP6UAGQG6/WgBwC
kkjigAUn8KADYRk9c0AISBxn8KAAjkEUALkhsY5NACooBPPFAAF9aABQc5oA
Q9eelAIcCpOMcUgFwcY4xTAAcHn8qAGgHHHHtQAvbB6UANKk9D9KAHL8vyj8
aADdt4I4oAUsMcD8KAsJx9KAF6jg80AAwcDB+tACgHGMdP1oANpz0oAbxnGM
UAKcAegoARRxk9ulADmCkdMZ96AAYXGCc96AFYgHGKAE3AHApWAUkdCPwBpg
IqjPAxQADpigAzgdMigBcKTkDAHU0ABYdaQxPlI5OPpTEABI68UAIoO/B4FA
Dj05PPbFACehP5UDDjG7GcUCDIOM0ABIxj8jQAL6kUAAODx3oAcoGeuBQMMH
JwePWgQY4zzx1NIYhHTHFMQLjOB1oAXPPzUANIw3t2oAUkDHU57CgA6sPQdK
AsAU/wCBNAC7gR8wwemRQAmcYoAXOelACAc8UAGCucjmgYDBGc9e1AheR26U
AAJyTgA+lAxPuHkHFAgDAnBB2mgYAj8KBBg9jxQAu3nk8UAGB0GaAAgLjNAB
kgYGBQAdfegBO3XFAClcd80AB9O1IBcdKYCAdeQQOxoAUZ6g/hQMaSAeOaBC
jB9sUAGfyoADx0pAHHoRTAAPSgAH3sd6AFYjoaAGgHqKAEJJ7fjQMUkZHagQ
fKOnegYZGaABh6UALjA4PFACHHc80CE4B4oAMAnk4NKwxCgbpRYAHHy0AxcY
+lMQoIPoaAE6jigA5IwBQAZPagBTjoKADIQHvntQAgIPfHtQAhbAxj8aAB+v
FACg44oAU8Hb2PegBAWVgQcY6EUAK7tI++Qgt044oHcYQM0CF5XjHFIAyG/C
gAXAlwD1FRI0gP71kajgKAH0DEJwKBDRzzQAvTtTAVWycbTQA40xDec9qQxQ
MUWELQAmewouFg2mgBce1OwCEgUAGSegpXGBB7nHtQAgI7CgAz68UAISv1oA
bvA+lIBjSDsKYCFmPQ4FK4DSKAsLigAxmiwCbBSsMMdqBBtosFxNtOwBgelF
gDAosAADPSiwERAU8niuk5hUxkgDA65NAAQeGIH0oAcoxwaAEXCucDjsKAFO
D04oAVffoKAuIMZPHHagLCY4oAcBleQAB6UAL8o6DrQAi5I68UAI5UNwOnWg
B4bI6cUAJjgHOcUADLsGQevpQA4YK55zQAqqO5oAjJBf2HagB+ckEDA9qQAW
P8OBQMaCd3PXtigQ4Fs8UADA4yAB7UwDtweaADHegAwCcnj60ABA7c0AKRgD
HU0AHIoAcBx6CgBoBBxn8aAFJC8E5NAAc5GcfSgA2ndggUAKx6qPzxQAg25I
PIHegBMtjpgUAKSSM/pSGAbBwV60xCAYyAM+1ACBiDjoaQDs+g+amMAcDO05
FACggg8fWgBMZTC96BCtgMAV7UAJyq8DNAC4BI56daAEyScAcUAKgwee9AwT
5iR+goAMAHGKBBwTwMigBclTgZ5oAQkZBHTvQFhNxz7etACjg8E59KAFGTx3
oGI2cAMRk9qAAEAgk4xQAhBPTJFAhThSAKABQUycjB60AG4DoM574pDDjHfN
MA4yCwzigQHABIzQAg6A+tAATgehoAUAkfMeTxxQABQp5GRQFhUoAXhe/Wiw
xucjGfwpCEQELg9BTAUZIwAPxoAFJXrQAqjPJyfpQAZGTwfrQAcA5PSkAgyM
H9DTAXB+maAALg96AAA5oAM7e9AAORQAHp2FAwIxigQmD14AoAM8/wBaQAMc
89aYAo6CgYvGOlAgychcUgEwB2NMLBjnNACleODQA3gcdRQAoIJBHWgAxn2p
ABAFMYZ56ZNAhcZ+npQAmMnkUADcjAoAQHnpz3oAUEDpxQAEk0AIwJGKADbg

DvQAuO46UAICB9KAAcjrg+1AC5/OgBMYPNACEigBeD1NAAvXFAWFGfQUAG3P
U0AJ6YoABg5yOnagBoIBwRkUAOb1H5Uhjc98flTENH+sVhUSRpEnK45GayZq
hRSAeDQDAigBB196AFAzTELimAjEngUgFVMDk07ABIHei4WEALdBxSAUL7UW
C4pIHFFwsNwzewoGKABwOTQA0sFPzEL7UAIXXsN31oAbuJ9BQA3vyTQAjEdq
LgMJpAIAT90fnQA9VPc/lQAu0UWQBj0oAKBhQAmKBWEzQAmRQAZFABkUwELA
GlcLEIIJIxXScwZAIFAEjrlVORzz9KADORjn60AIDtOKAQoBLEk8n0oBAxyQ
MYoAQjnmgBwKjt+FAAcBf50ANyO1ADl6DbQA5sldvc0AInygA84oAUjJ4GM9
M0ANAyuNucUAKTuZecYoAczD6HNACAgk54oAUNgY6A0DG989qQApwaBWHZyS
e9AACT1PFACHjoOKYAXUAHBPrjtQA7K9SODQMQ4x6elArBwcY6jrmgYoZmPQ
fWgQpUA9cj1oAT+VAC5U9BzQMXHz0CEzk55z0oAMFhg8UBYRSCcMMAdKAFb7
ntQAoPAyKAA8+1AWG4K/MSce1IBwIJ44oABwx/rTAQEntgGgBVwox1zQMMbS
MDg/pQJA3LZxxSGG7Ix6dKABXJGRz6igBGbPQYNMQoB25H50AgztI20Ahx+Y
5Y5z3FIYgBXoBimITJB4oATPrQMGz1/hoEIBzmgBysB1pDBcA7nGfrTAMYOQ
Mr2oEG4KcDp2oGJgZoADknBAx7UCFHHQ4+lACOBs47d6AHY4ABxmgAAABGc4
60gEyq4AGf6UABG3r+lMAHPTtSAOuMdqAFBweKYAST9aAAHK4xzQAmcDHXPr
2oAE5HTP1oGAHHvQIQg5z096AFByOf1oAXgdDQADgYoAOeOw9KAFw3XqKAEw
c470AJjt39DSAUnpjtQAo6dODTGInTBH40CBRgc8gUADY4AHFAAR2UYoADg0
gEHseB69qYCnng8UAJggfL1oAFBzyfzoAUgY64NAxM/lSATpTEKDx1oAUHI6
YoAOvB60ABz+FAADnjpQADkE9KBjcYOfWgQp4AyKADgcjmgBAxyAfzoAMgnF
AC5OKADAx9aAEzjgigAI9DQAu1T1oAQKueRkUALgdulACDI46GgAIOcDigAC
k9qADPOKADPP9aAGsecAce1IAxgcUwFxQMQYDCpY0WMViboacZpXAep7AUAB
AA5oAFXJ4HFMB4H4UxDc7jgUAPAwOMUANJGcCi4WAIM5IoAU7QP8KAG8kf3R
70hiF0U4HzGgBjSE9qQDS7kYBwPagBhUA5oAXHqaACgLCYzQAbBnuaLAKFA7
UWAXigApgFIBNw6UAIWFACE0AJjNAAR7UAJt55oAXAosAYosA0qDxRYZH1PA
wa6TlFcYwGoCwoxjigAJOQKAFbkgn8DQAp4XNAMaMGgB4znoMUAIBjk0AIxB
PHAoAAoxxQAqZUgDtQApODx0JoAUjD5JoADk8jHFACI3bP1FACMNpoAUsGxg
dKAEf5lGKAHbjtAwOKAGA/MewNADiOMj8qAFUikA4FScYP1oGKMk8fnTFYQD
DEY60ANU/eBHBoAcOBj0oAOmeKAAkA4DdaAuKuCcYzQAMAP6CgBMDv8ApQAo
2hiD0xQAAdhQApwOpPHpQAHnp+VACDgdM0ACdPqetACkjp+dAADgZGM+lACK
csSR+FIYAgZ9/WgQc49QKYCqQo7c0AJkgZA4oAN25e2PWgAAxyOnr60AKoAy
cDHtQMQbec9D0oEKAQMA0AIFoGLuFAAGXHzDk9KBASePTvQAhOTk9B0AoAGI
B+tAC4GOgzQAmMHPHFAC53mgYYwM55+tACEHP1oAOQOOtAgwR9KAFQjoMY9a
AFBIypAwetACYGQOT6GgA2qGoAG6qB1oACOcEgGgAwOADnPegBRxwOaADPHT
8aQBztHy9+tMBSc49qBiMBtzQIOTggYoATkH19xQApOe3FACAZXjj2oAAc8H
igBVFAAxwcgUAB6jrQAZz7Ed6AADuaBgevTApCAEHgUDFXg80CAgbcjrQMTA
HXoaABSO1AARxzTEH3e1AB16HFAwJIHQfhQKwmfl4H1oAAR6UAOOOwoGNA56
UCHAc5zigBM5oAQZz04oAUHt0oATrQAuOOxH1oGHHTGKBDSe2OlAAoJoACO3
SgACg8ZoAU+nSkAACmAE7eg47UAJnH1NACsQMetAASDwKAEYADGCaAF7A9c0
AJnn0oAcBhRzQAmQBQAhJ5oAQf7QoAUAqfagAIB6c+2aAGuePu8+uelSykWM
ggYrFm6ALuNADh8o4oAQAueOlFgJMADp+NMQmCx4HFADgMDvQAhbJwOnrSuF
hN0adW59BzTAY0pzhAQPU0DsRksTkt+VIA2jvk/WgAxxQAYFIAIosAmBQAYH
QCmAYFFgDAFFgCgA4FADSRSuAcmgBMUAG0CgBdooATFABTsAUWAQ0ABoATNA
AOtICJvv7QK6TmAjIG7OB2osFwBCjjigBQFBDdzQA4gED2oGJkEbefY0CsIM
DvQFh2eP8aAA4IyaAGgexoAUMF4xQA4cnNAAeSAeBQAvXrQA1SQDmgB4AXp0
96ABgMjBGTQFhrgZzQAcHtQAqjINADWALKcdKASH4Axg0hjSPnBpiHLgcYpA
OGNpHSmAYwOp/GgLCEYx6UAGST836UABODwcY9aABSp5x+dACjqcUABAz60A
HYccUAKFB5oATOeBz70AABJyentSAd1OelMBCSBwKAuIpzxjFAC4xwO9AWDG
DyMUAIwOAcjPagAwAOpzQAAetABjI5AoAFwDyM+1AAdo4IHP6UDsByOn5UgF

HIwePamIVTkYI6UBoJ1XAODmgLBjt+tAAV5oACAOuPpQAEY5I4PSgBOn07UA
A2n72RjoBQMXPGfSkIMZORTGG0A/0oEBAHJNAAG3HhcY9e9AASAelACigYBT
k5oEIu1kOePQUDFzgegNAhAff8aAADHagBcKfvDmgLATkDHPpQFhRnHPWgY0
MTkUCDqvoR3oAADj1oAXAA6YFACA5GOwoAcBnrx9KAG8keg9KAFOQwHTNAMT
GDg96AFOcdMfSkMAGPTv60xAxJA7AGgBMsBj9KAFJ4HGM9qAFxkcUAIAASPy
JoAUAn0H1pAIxGcY/KmA0daAHDg54+lIA5I9qYAelACdR0oAUD06UAKB/wDq
pALgD2oGNY54PPuKYhflxjPNACDGcdaADaKAADFAA2MY65oAOMYoAQgemKAA
cDnkUAAz64FAwyOlAgIOelACH2/GgBR6ZFAAQKAE2nPtQAoBH0oATPPSgAIy
crxQAA44PegBeeMY4oATORyKADHPHFAACQcdqAF4z0oARumBQAAEY5oAaRyR
3oARicfhSY0WUwUGeeKwZuhSQopDBRu+lMCUDjsBTERl0JwWwPTrSGKZlAwq
H+VAWGtI7DHCj2oCwzHGD+tMAAA7YpABxQAlIYYNMQoFACDg0gFpgJQAUAFA
CEge9ACZz0GKAE25pAGKLALgUwEx6CgAxQAZA70gE3Ci4WGljQFgyaAEwxNA
CEH1pgGDQAAkYpWAjBwckcetdBzDgVdfQUwEZQeM8CgBQSchVoGBDZ9KVx2F
9M449KLhYQnJ/wAKBWDJzzTCw7G1Rz1oEH3RuoAPlI6UAAB6UALgE8UAIAc+
1AAOvzCgBevP6UAOIBHPFACHBXAoACAO1IBQRjB4FMBO5I70gAnjPpQAikkD
1pgKBkjI6UAPwPTrSACAQQc/hTAYhwcnkelADhlumKAAHJGRQAp78AYoAAcD
jrQAKR0xQMbgk8HFAhwKn71ABt7cUAG4Kcd6VxoUrkAk0BYMgDB/SgBFOQCR
wKYheo+XOfQ0AABPH8R9aADaA3I60DDO0MO1AhqnOM4+lAxw68CkIQkL1xmm
MGBcdgKQCqe7HmgA6H+tMAYccEc9qADaOACcmgQKD+FIYucnpTABwT3+tACE
YHXj3oEKcYoAQAHv9aAAICOO3vQAZ5+6fzoAOMcdaAAgBueM0AAPB4x70AAw
T16UAGTnAxzQArZGOQPagBVAxg4FACAAZHGD2IoAFAByRn2NACHdngYoAdjj
IxnvmgY0njigQAk9jmgYuOeOKBCHBI64oAUHHUY9KAAnI5oGAUY46UCDGDyc
H0oGIp9KBDj1wR0oDQRVy+TQAmCBnn6UAAAJAJIoAG4HPAoGKMce1AhGwTjF
ACg85HWgYHoAaQCk4xQIbk5wADQMXPTjFMQcbh/SgAPXaBxQAgAzgHGaAHAY
BAoATOOKBgTkdMUCD0BPXvQAYA7UAG2gBMdgOaAAcdqAFz7Z96AAcUAJkA5N
lBevPb3oGJnnGKYgHTpQADr92gAPPWgLBj8qAEA9qAFwCOCaADJxjtSATOOB
TAF4HPNAB147UAKCMcYzQFhQc9OvpQAhJBwaAEBGeaAFytABnPQUAB6UAJkE
+lABj35oARhkdKTGh6PhAM9KxZvEcCT0TP1pDHF36ZC/SgBCM9ST9TQAAAdM
CkAmRQAcUAGM0wDFABj2pXAKACmAfhQAZoAQkDrSATcOwoAQEmgAxQAoFMAN
ABQAGgBpYfWkFgyT7Ci4CY/GgA2igBcCgBtAwoAKAENAgoCwmKAGbPkyfwFd
BhYQAgcUXCwgP4mi47DwSo44zSGIOfwpABwOO5pgPG2NQAMue57UxDTwefzo
IuKqc89KYAAScjpQALwSKAFHA+bpQAAjBoAE3MMngDtQAZJPHagBEcEjjkda
AQ/BJJOB7UgGk84A/GgBSSQOMntQO4Yz6UAKPSgAwQpwODQIQgcCmA9Qq5Ao
GBHtigQLg9qAEZRngcUAAI4AP1oAH4wBz60ACkEdKBoXGOSOKAsICAeBSELk
elMAc5GMY/CgBM5IHagYoAznvSAXPrTAM4ODwPagAxg7cdaBCDngcY6+9ACj
BOMc+tACA5JBP4UgsLtyOBwPU0DAAHhRj1zTEBAzj17k0AJ8ucFOPWgAJHbp
6UDBj/FigQp44ABB70gALjJbp2pgIAcfXpQAAjHNADiCoBB6+lACHPQDrQAg
AB54oAXgn0AoAOFGeaAsKvTJ4zQMUcjgfjQIaQMYAxQA4rkDgE9KAYh5GOnv
6UAxFVfXpQAcYx0NADkAYjpx2NACYP8AEMDsKABsn0GKADHIJP4UALyM5xj3
oATORwM0AIoyeKAEH3jQA7GQc0BYQMcAUhhnOBTAUDI9qAA54VeB3oEAA6dC
KABR1oCwvXJNAACB9TQCBhxgUhiMcLk9qBA+SF64pgHVcigBcbRkYNACZyen
4ikMUHdz29aYhMknAFKwCjrTGBGR81IQAAjigLByPegBMZ7UwFGRxSAUjjp+
NMBAcA9TQAKxIxxjtmgAABJ3UABwKAEBA5zj2oAXgjvmgBOR34NACsMDg0AJ
j8qAAcDFACZ5oAdkEdMUgEOc5pjEBOeKBASaAANjgCgAOKAAfSgBM4GAKAF2
45oAUHn1oATaOooAAMcmgA356DigBq80AOHHIoAGyT/hQAnQZoAQgHBoAUrk
4HFAAcDjOaQxYcBDz361ll2gOMijjOai5VhQ5PRTTARtx9vpSAQjAoAUHigB
dwoAN1ADSx7cUAAJ7k0wFz/s0AGSenFIA+b1pgIRnuTSAXaKdgDFIApgGKAA
kCgBu70FACHJpagGPWgAwBTADQwFpAIaYCUAGaAEyKAFpANxQAYFABkZoAjm

PIUdBxW5iNY4AAoGOQY+poAV+DigAyD7YoAax9Pzpom4oOSBTJuKCM/NnA7U
AC428mgEhQwXAWgEJj589jQA48jjt2oAY5Ofr1xQA/IAAoAX2HFAAoAOAMH1
pDQuSTg9aAE6DNAAecHtQAMQRxTECg8DNIBcc460AB6elMBVORmgYE5OB0FA
gClVzn8KAFBGOvXvQAgB6rz7UAKSCMkc/SgAU4FAATnjGBQAfL2oGIeDjGBQ
IUnc2M5FAC4AHofWgYgOT049aQBxnnkUAKpGSCM+lAhO5FMBc4PyigAJKkfL
QAjFSCehoAXGwDGTmgBM7e2c0ACtuPzCgBSV6ZIoAQ7cgD8vWgBTkcHj6UAI
Dg8dPegYZyf84pACsckUxApAOMZNADlIOfX0oAM5OTkGgBCpOM45oARgFTkf
QigBVORhqAFx2oAUcDqBQA0ksuMY96AExtIOeKAHY3KcHApDE6pxxigQEqem
c0wA7zjGM0AOB2j5m/OkA04YZ/SmAZAHvQMB9/JOR6UgFlwC2c/SgBA1MQEA
96QAWzgCgY7bxx1piExzk9aAHAY64+ooAaetAAFHUUAKSAOn5UAGMjPSgYYw
eaQhMDoeBQAmMHpx60wHcA4z06GgYdTkdKADcD0HFAhByKAAEngUAL93oeaQ
xpyOp49qAHY6d80AGFIxjGKADcMYAwPWgA6dOlMQZJGBwaQwBI4bpQADGfag
AKj14piEx2pALjngYpgIxHpQAEHsOKAAZzzzQAp2n2oATnHWgAAGKAAKPXmg
ANABjI60rDDGOlMQ3g9eD6UAByOlAAAQPegBcHqaADBHOR9KAAHnmgAbrzQA
bsdBQAhJIoAbnoKAHDIORjmgBQwAHGaAAZB4oAT2IFAC5B4A6UANO4nigBMd
cfjQARIGJ6+tYzRtAmCgdqksWgBM88UAJjmlYBcYosAmKLAKAKYBgUAFABwa
QBinYAxQAuBQAnFABQAhYDigBpJPtQAYpAGBQAUwCgBMUABoAQn0oATJpDEx
SACDTEJgUAHOOM0AHNABigAFADGwTW5kRk/NxzQBMi8ZoAa3JzRYVxOe1OxN
wJGQPXrTEKq8+woAU5GKADAA5HPagBVwDuPWgLCZzkA0ACkDg8mgBcc5oARu
SMdjQA/qQF/WkAcAcjn1pgKG/KkAjYzjtQFhelADWHcdKYDlGVx0FIYcYyKY
hcjp1oAAdvFADW5GcYPagB+Bj3oAaQccCgBd2MY/KgALEfd6+lACjBOehoAG
PGOmaAABQKAAcmgBRjrjGKBgSM89aQhCBj+lMBVAHH5UAGCvYc0AGcnHb3oA
QHOR6UAJk8gfrQAuzK54H40gAEnGOKYCnpgUDEzgggUCFfGct+GKAGL1OaAF
zg4X9e9ADiARjt3oANuRx0FACMcsNv40AKSNwOMH2oGLkBuOCaBCYP40ABHG
DyaADcB8u2gBSBnpz7UALzjI6UAJgbwN2RQMXgdeB2oATA288igVhMg9BQAH
I+lAChcjIHFACrwCefagBCqkjPFAWFYEjA6UAIx+U9vwpANwAoOKYCqAo4HX
1oGKRg9Mj1oEAGSQB9KAEU9j1FAATxj09KAFAOwHPB7d6Bhjjjg0AKow2OtA
Aec449qBAQB0GKAEA3EgfrQALyKAFBBoAD0A6CgBDjtQApODx3oAMAdOaAsN
BA/wNADgAD8vekAYHQ0DExkYIoEGMH2pgDnFIYoAA/pQALjGMHNAC9OtMQAf
lQAmATQAo9hQAn6UALnPXigBKADIPBoAUHigBrevWgAznGeKAFK9+3pQAMPS
gY0HB60CFBzQAh9qADbxnFABj/8AVQAoIxgigBGBx1/CgBMEUAHA9RQAowRk
jNAWArjBxigBO9ABtA74z0xQAAD0/GgBSB34xQAAqOAc0ADHjkD8KBiDB9qB
ADkYHGOtACFcDj8aTHcIiA2B6VEzSDJsZrM0CgA/CgAoAMUgD6UwDFABigAo
ACRQAm4CkAm/0FACZJ6CgA+b6fSmAuBQAYAoAQmgA5oASgA4oATPPFABk0gD
qKYBgD2oAQ+wzSATn1xQAdfWgAxQAUDDFAgxQAYpAQMOeK6DIdGhJxjmmBYS
EPDI+7aE6n1NFiWyt8wCkjAPNNE3HKOCc9qAI9vyhqAJFBPHTPegBGO18dRQ
FwY7j1oBC428UALgEY4oCwAAsPagBW6detACfLjNABkqw9PX0oAcTxgGgBAG
PbpSGIQS1Ah+CQBmgY0EkYPGKYg5xikAo7igBQRjnrTAQZJzmgBcAHFAAxwM
9/SgBRjHegYhBDjGKBIU5wTkcUDA/MMH86ADqCDyfWgQoIwFI+tACKT0oAXA
7UDBhg8c8UCFwCmB3oAQE447daADOTxQAqgHrQMQY5oEK+TjAP5UAxSoI4Gf
agGIBuzg4x2oCwmAOKAFAJGO1AAOmGPFACINpz1oCwh2k9wKAHDAGAMikFhB
6AYFMYo4agQZyeRQAAkk8ZA70AKGz2/E0ABwR9KBgSQBjHPagQAUAKflGMda
AEwSOf0oAGBwMD65oAQuNhA6+lACj7m0jrQMCCBnv6UCAZzwaAHDgf1oACAe
+KAGjoefrQAdVwRxQAKMngZ9qAEBJbGMCgBSpBPUUAIcBfegBASGwB+NADjg
YOBQAY9OBmgBcDPHpQADHfrQAmCecdKAF6DmgYmTnnoaQAdoPGRTEK2NnA59
aAAYAyBQA08EHH1FADsHGSMDtzQAA+lAxcAD1oEMAznigBwBzwBigAxgYLUA
HGOmaADaDjt9aAsB6dDikMUHigAzgcigAXPpxQAY9KYgIwOpoACc8jt60ABx
jpQAHgUAJjnNAAc+lAAQuKAAc9ulABnuDQAhPPXrQApA6HpQFhCB26UAGeSM

UAIcN1oAOBjvQAvHc49qADp0oACOemM0AN780AAIH07UAKMkc0AJ074oAXJN
AXEII6UAL1GDQAbcDPFACYB/CgAzntQAP1+WgAzkAY60AKg2uTis5o0gSgZF
ZmoUAGKYB+ApAGMHmgAJFADd3oKAAMT2oAPrQAmATQAEZ60gAADtQAufSmAl
AAaACgAoAQn0oAbkmlYAxkUwDgUALn0FABz60AJgUgDFABigApAGKAAimAnF
ACZFACZoAiQ810GJIzEkhTjPUimrALcvAwUxo8e0EMCep7d/rQ/IlkajOMnq
OnpR6isDKAwB70AKCuzAGSDj6UADEAgfrQAoAI46+9ADSuOe/egBT8wyDyOt
AACNncNQA4Jt5JH4UABAJIH4UAAAUcDmgBRgggmgAxjg9+lAC4wMZzQAucDA
HJoGIDtHP50hDR04oAAQSQR9DTAUYHakMONue/pTFYQflmgBevv7igAxnqKA
FU5H0oADyQRwR+tABkZwVNADsZHtQAmOcCkMcAN2evqBTACApynT0NACEggb
eKAAe2fegBT8r4PegQgySQKABMYIxz60AOAxjgfWgBMA8gUAG/IxnpQAK2Mr
nHvQMRsAcHLGgQEMBkjigA69DQA7B4/rQAAYHXn0IoARtv0NACKMCkAuCp4y
BTACwHNAAHyc8YoAUggEjvQAjYIwPzoAXGQB+dAB1PI4oAEBbPPToKAEHPfm
gBW+U8nOe1ABjc2DwO+KBi5CnGMCgQ3POPTvQApP8XrQMTqeoxQIcTgZHIHr
QAgKnvg+mKBhjK9ck9qBCJypLEYFABg53LkD0oAUgj8aAEVjnB6UgAcMc8im
A4ABsj8KAsJgjO4YFACFiT06DvxQA9eQOMUAIDk5HbvQAH1BoGIGzjJz7UCF
UAnJGPagLDgM8DpQA3gDgcd6AAAelACg5BAAoATоMUgAnJxQMQnP4UxCj0oG
DD0FAg6igAzxxQAEgEH0oACQeRwKQwxnGKAFwcD+tMQvI60AIeT6fSgBD046
0AA9KAEyT06UAKOBigBeaAE5BzQAvfkYoAQ5B+tAABn29qADgDOPpQA0njOO
tABk59qAFHWgBWwDigBMAj+lACDk4oATBBoAGJPU/lQAo5BzQAnHagBScEc8
UAJuBPSgBGODQDFRuOe1AC4B70ABABwBxQAM2BjH40AIOQD60AgwAT3oAQgc
betACjIcAnOaiRcSf2rI2D6UAISB1oAQtnpQAhBNIAAAHFAC/hTAQ0AFAAaA
CgAoAKAA4HWkA3cKADJ7UANIJPJ/KgBduOx/GgA2n1ouAuBQAYoASgYYoELi
kAlABkUAITQAZNACdaAEwKYBxQAhNAEI4AxXQYj1PoOTTEIAehGRQSGDvyBi
gLAPfOTQAu1UOec0AHDkluCOgoAFJ7dR1oAXeGGSPpQAjcJuHGaAsPOMAcfW
gBpPDDuOnvQAq4KjOAaAsISQeOaAHZHUdaAEHXHSgLDsge9IAzjrQMB854pi
HOECALkN3zQNkfPpSEKCSmCvXvQAoAI9x2pgNPvx7UAOByMAYoAFJPODgUAA
AxQAqjt3oAAzdCKAuKMH73SgBo4JwMD1NACg89MUAKeSMN+HrQAnJbpigBc4
GMnNAxQRjnn6UBoJkKeQRmgQAdzxQAE84oAUE44HAoAQ5PuKAFK4UZoAQkdh
mgAckp7DrQAYyvTFACrkn5ieKAA9euRQAvGOB+NACZP4UACsVGD0NAABt6jI
96AAjfx0FADhkjacfWgBoJPHagAxjnt3oAcPbnPagAVRyW49qADK9l/GgAAX
OccnvQA4juPzNIYxmOM4/CmIVcqOMGgBDhjQAEAHjFACgBs7jjHSgYgOR0/O
gQp549fSgBCABigdhQwPGc0CsITigBAO+ce1AAQOMZoAeBz1980AA5Bz0oAa
AGbaxwR0oATJAIxSAMADANMYvtigQEfWgBQOORzQApKhcAmgBBhRg5oAUZwR
jr3oAaBjpQA4gEZoAaMUAOIGOmKBiZx6UCEJI4oGGPQ0CEw3fNADs4HSgBRn
HTigBOO2aBik8DjpQICeRQAAjByDn2oAAd3tQAZB9qAEIA6UAAyPpQCFJOf6
UhiEk9DQAc9c0CDvwPzpgHIPGORQAHggDpQAuM0ANbJIBFACgc4xQAm30oAM
HrQA1iegpAKpyKYCZBPFAAQcZ7UALwMehoAOtAB064/CgBCMduDQAEZXHSgA
ACnk/lQAHjpzQAhOSCR07UAKoz7CgAK5bnoe9ADSgByDQCQ4ZDAipkVEmBGO
tYm6G7iTjGKAF2j0oAO1ABRcAzQAUAFABigAoAQii4CFsdBSuFhpdu2KLgIB
nr+tAC4x6ChgKAuM0gsAPHFAwzQAZFAgJoAM0AGfagBMmgA5osAmOf8AGiwB
xTAKBiE0CEpAJmmAGiwCcdKAIeh44roOe44H0piYc84PNADhwOeTQAnOcmgB
SSSCKAAMVJHXnrQAZwTjv1oAVcZA/SgBdvQHoO1ADWGW46UABGDigB3ygDig
AUA9RQAowOB2oACOc9qAEGOooADyORigBR8ozikAMc4pgKMDIzQAhGRxQAoA
GBQAZBHIoADjtQAuSqexoARSAfagYpBXkdTQIaSSRQA8DjHrQA0ZAwT9KAAf
N0oAcCc80AIzFcYoAUEYH1pDDnJI5ApiEDkkg8UBcXjGDkg0ACKAMH71ACgN
nHH4UACjK4z35oAABtIzxQAKAADQAj/+OmgAIwOuRQAB2I4oGLjP4UCEVsrg
/lQApBDDdx6UALxxknmgBvVznkds0AOPQ7cBaAEGMcDNACoBt9c9vSgAYZAU
H60AKSRwKABDkE8fjQAZ5xigBTgdD+AoGHUZzkelIBMjNMBrZHQcCgQ5doOS

KAEBDMc8CgBDwMY60AOUe2BQAZA7ZoARgSvbB60AB+6B6UAIBmgAI77eKABQ
cdaAFyR/DQAoOTxxSAXHI4pgI3y+47+1AANvoM0AGO/SgAOQRk5B70AKQE+6
c/WgBGGMZ70AGPmHegBep460AID82DQAHj1oABlcgUALntnHtQAnX/GgAPsK
BiZJ6ADFAhw5HtSATGOKYDgCRQMaDg9jQIXAPegBSR070AAB7CgBAvrgUAHA
4P50ALjHpQA3IHXj3pAL8vBzn3oAD0pgBYHA2ke9ACHGaAFBBJ559KAG98Cg
BSSB0oAQHnmgBeDyBigBOc8UgFJwKYDM5/8ArUAHfHpQA4HnaF60AIQSelAA
BkYPegBCCvGfxoCwAZOB3oAXAA5PSgAz2oAQqMCgBU4JXjigAYfL70AAGDgU
AGTjGOKAEGR2GKAGs3PFJlImQKQDjOayaNoj/oKkYhoATFABgUAKBQAcUAIW
9AaAGk0AGPekMTjtQIMUWAUcdqAEOaADFFgEK+gosAAUgFwO9ABTAKADNABm
kAhNOwCZoAM0AJmgBM57UgAn2pgITQAlAxKYg70gGkAgmuk5gVsLjFADUJAO
fzoBDlIxk8mgBRtY4zkd8UBYBgHg/h6UAGed3rQAhPPFADlOTgUADH5ffNAA
pxxxQAjdjjnvQAAZGBxQA8MQMHv60ADgEcD8qADI2YA+tACEHAI6UAAPZqQC
7jt29qYCKQB7jpQAKN3PegByjBoAa+Qc0AA5HSgB2STj0oARiVbj8qAFG1uG
4z0oADlTQAEFjuPIHagBeew/CgBSRjPWgBuO/agBcgigBDknpQAqc5xxigBQ
MDmgBdoYDA5/nQA3O47evtQAq7ehyMUAGzJxuIFAAoOCBjj1oAVQNnTBoAQH
GcDJ9KAHYyCSuCe1ADRk8GgBQCvSgA3Db0Oc0ACEZ7Z9aADOeo3Y70ALtLDj
j60AJuAwM8d8UALgkf0oABxhcdT1oCw5iMnBNADcYHH1JoAUAdc0ANRfkz3o
AcQD98n60AIvy4oAQhvoM0AOYYYHrQAmepoARsLjjk+9ACgAjOQDQAHn/GgB
SPlwSR7igA4xQAAYOMbsjtQALwDjk0AC5IweO9ADQSwKnpnigB2ABnGBQAcE
YWgBM9u/rQApHOD0NABgE7c4oAMDI46cZoAUk5xQMD6EfjSEIcMcbc0AKSvG
R+FMAPAz2oATGfu8GkAuOOvNADQxJwaAFoGLjv6UxCMeDgZoAB9360AHQelA
AACvXFAC5GMD8aAAgKRigAIGOKAAqcjigBc8Yxg0AALEYwPrQA0jvzzQAEZ4
NAC42gHPBoGGex6UAAAU+xouFgHt0oEIO5J/CgBV59BQAYyTxQAhxQAmCD7U
AGeQMUDF6HpxQIMflQAgB5oAAeOABQAmTmgLDgVI4oCwcYxnFADSwA6UAIeR
wDQAig5GKAH5ABUigBpIFAC54+tACEdMde9AApww44oAHwp4P0NAWAvn8aAA
MMYzQCGkAdxSY0h8RySo/CoaNYk3TrxWZaGllH/1qQxMn0oAUEnoKBC896YC
Zx2NABz2oAQg0gDbQAuBRYBMAUAGaADNACUDCgBM0CEyKADNABn2oGFAgoAT
mgANACUAJxQAUDDmgQlKwBTATFFwDigCIDPSuk5h5GB9KAGg9ugNAD1AK47+
tACLgcHt6d6AE4zwMGgBWyTnGKADGBgmgAxjoKAAAY96ADaQaAHbw1ACKGOc
DpQAcsM9+1AC7j0oABwegxQAfw4HrQAAA/eHFAABxg9KAsO+7QAD5cZ6H0oA
XOBjtQA1+Rn9KAAEr0oAUkEcDn1oATvQAHJGAOPWgAzkD1HegBTwvB69RQAq
/ex+lACqAM5H0oAMjpigAAGcKKABgw645oAFAX1oAMZzjgUAKMkADoKABQFb
OKAGkENgjGaAQ4EjhhQAhPtj0xQA4LjLHtQFhFA3Z6fSgLDgxUnv6UBcbwfv
cUAKfl5B49TQMQk5yB9c0CEBzzjH0oAUHac460ABJ3YPNAAOBnAxQAFjjAFA
XFBLNwOaQB1GCfypgAbaSMUAAwSBkc0AJjD4J4x2oACcrxwfQ0AKMHqBQAhL
E45xQApAHqcd6AADn2oATB9KADk8YxQADkc9KAHDB7fjQA3pQA4YFILBgE5w
fwpgKSCccigBuT0HT3oAAT0/SgBy7SD2xQFhCARwQKAAHJxQAueMH86AAHjF
AARxk96AA/N7UXAQZzgcYoAUHkqevrSAamSuG69DTAdk8Y/KgAHHOetAASCO
B0oCwHBHAwKAE5I4oATBxkflQAowMHFAAOSc9O1IYE/lTEGOMgZzQAZOcNQA
uP1oAMc9cCgAYEc8UAAOe3HpQAuD9BQAhPHAoAUlSMHpQAhHbtQAZxQAhBOO
woAUkdO9ACAHGKAHYxxSATI6ZpgGcd80AJjPTFABg0AKOmKAEJwfT3oAMA96
AE2nHTigBMAjjigBBx3/AAoAQAkigB+05zQAmQOAKADnFABjIwcUAGOMGgAA
2nNAB1oAMAmgBNo6AUANKgUAMZcjipaKTBSUIbOMVLRSZYwn97d9KzZrceF9
AcUWC4u0UABAoATAHQUALQAmaACgBMigBM0gEJFACA0AG4UAGaAEJPpQAUgE
xTAWgYD6UxB0pAFACUDDFIQYApgGKQCcU7AIT7UAITmgLBmgBDQAnNOwDOi8
Diug5rDg+eDwKAuNU8kAd+KAHAlAcjmgAXbjPrQAMCUA70BYGUj2oAFJzkgY
x0oACfQ80AJ0weuf0oAcSfagA24NAWFyQeD14oATgADtQA44xyMGkADGOaYW
ADjjpQAoOeOgoAQnnAHBoAUscYxQFxFxgA5oAXIFACZU8DNACfQUAKgAXGet

AAQQcCgLCjI4oACuWwO9AWDfxtwOtIBw+Y5A6UwBsFCc4x0FADU6UAhSGB+t
ADvmxg9DQFwwAQOoPX2oCwcAYH86ADJXHpQAjHPQ/LQAOoKcDn60AGVCYyd1
ACk4UKOTjmgaHAEAcikAm0g8557UxASM4YdKBiZUngUCEwxGCO/SgBz/ADAc
9KAY1TkYPT0oBACM47UALjI7H3oAUEY4HPvQMacsQB360CHKSOccj9aAHDrn
gZ9KAEIw5PWgLDTtBzj8KAFzkj5aAA4LAkcCgBDjJPRewFABkY4oAQNnA9KA
HBgeAMH1NACLkDFADsjbwOaAAAY96ADcwJyMelAwYADJ5P8AOgQijHWgBMHk
5OaAHckY6UgAjOOoNMBSMHGPxoAAOMCgBpAzjHSgLAWzgACgAz7UDHDAGT3o
EDEEYGcUAIM0gFXBb0FMBTkAgYz60ANDH+7+NACgcelAABxzwaAEAAGR1/nQ
AoHqKAG9D0wKAFH6UAKOFx1FACY+X0NAAQT3GPSgAK9BmgLAfm+o6UACnset
AC5GORx60AB547etACEnOO/rQAoJxg9DSAXtxQAwqS3FMBe+KAHbeOTQMQjk
UCA8Dp+NAACDQAuMDrmgBrACgBAcdRQAuM98UAKTQAgI9MUBYXtwM5oAQuo+
lAWDdnvxQAmBnmgBHIJwvJJ60ADEj5cUABLYAPHpQAmCD0oAUjH40AJgE/1F
AABt70AKTjoaAG5OeeKAHA8YGPxoAQMc5zQAEnJ96AGc5wDikMmSJCASMn3r
OTNYofjaOAB7CoLQbjigAD5pAJuOelAASegFMBCSOtIBM8cCgApgHJoAQjil
YAxRYAxTAKACgAyBQAcUgEyBQAEmiwCdTzQAGgBMmgAzzQAE/hQAGgBuaACg
AoADQAlAxcUxCUAM7Y7V0HMNcEHgfgaAFY4wAMD1oAATgjPFACkdO49KAsKA
2SMdKABm3HAH5UAJkkcUAOG0DigEuwiAhjkjAoBeYdSSKAA5J9qAE+6eKAJF
G44GKAGk4JGMfWgAHTBH40APUEjHSgBhyDigBwBxmgBR16cUAITzwPpQAqgn
qMmgBuCG9KADJDEAUALj5cH86AYinnHegEPK/NycCgBQARxQAiHD4IoAM4OM
deuKAHEYHA49aAGYwMCgB2MjBNAAoycZx7UALg44oAFOVOACfWgAUkjgZoBi
DOc8fSgBctkUAKGzyQDigBoIJODx60AOBBUdRSGIOck5PpTABn8DQINhzhj9
MUAHzb9p/CgABy20dR1NACleCB3oCw0dfXFAC87cdCaADPQL1oCwFvm4HTrm
gAYFSACCPWgAzyfloACv8WefSgBTwATigAJxQAY4wOnWgAA4G4cGgBCOpHQf
rQAoAYZFABwCORz3oAGBzhcc0AKNwGCPxoAVevyilYBGz6c0wAcA8kGgBAOz
HmgAyV+WgBRnPI/GgBd2SAelACZxx1NACDJGDQApXHagBNoxwcUALkHrnNAC
5z+FAC7RkEdO9AWEAIPFAAxwfagBAQaAEJ9OlACjGPm4oAUEAetACjaBQAhO
R8ooAG5xQAjE+nFADSMkH0oAcTkYxx60AJjGOcUAO29MHNIYpJ6bcUxCkAdO
9ACE/KM/kKBjcZPAwPSgQq8HGKADAye9AAAAMCkAEdKAFIwOOaYCAE9R0osA
vXtQAfkBQAYyfagBpHB9KAGhjn2oAXPI5zQA5vmxgYoAQr2oARRjqeaADo3B
x70ANYZOM5oAVVx1FAC5AHFACZyeoFABuAGD19aABsgdR9KAEwe2fxoACh4y
c0AISQQO1ADuvSgAONuMc0AJjoaAA4/+tQAMvO5fyoAOf7pFAEZ47UmUTwN+
6HHQ1ll1iSZFTcqwZFACZoAKLgBxQAhOKADOKAEJouFhKADPtQAmaWoBmgBM
GmFxcUWAMUAJj60AGBSAQ0wDFABj2oAMe2KQBj2oAPpQAlACGgBKYBjNIAxQ
AUwEJA70WAQMCeBQA1untXQcwoG5sd6AGsckDHSkAh4IApgx6kAc0AIp+Y/y
oAXG5iw4z2FIBFXjIpgOG0/LjigAYccHigLCjgcCgBAQTyOKAHMwI6CgBm4A
8DGe4oAcwzj09aAEzg4NADiTmgBGOSB0A70ALjA5NAApONoHBoAMkYXBIPeg
BQcHFACk80AISO9ABkHqKAExzkfhQFgYmgBRnGQRQAoB78UAKRtP9aAEPXGc
0AKM5wKAFABB9aBgFGMZ4HegBBycdBQIAAp46UAKpAHHFIA4z9aYCgA98Y9a
AsGCenTvQA3gHA4oABnJHUdjQAoIHH86AAfMcdB7UAKRj5Tz70ANznjkMOlA
ChQTzxQAYKnHSgBwAHtQAnUdOexoAaRscD1oGOyMZxzQIReRgHnvQAA/Ngni
gBxXjPYUAIdpIHb3oATaAf6UAOGAcMKAEUEH1FAClT1A4oAADjg4oDQaMZwe
KAHAd+1AAM7uuBQAHCnA70ADMxIxQAuCWwf0oAMDpxxQA35s/MMelAByOMnP
pQApwMYP4UBYMZYngcUAHbGKAFUEdW4pDEHzAkHIHQ0xAB8u786AAEAZFACn
J5H5UAH6/WgBMEjJ/KgBcKQD0+lAWBTg4oAQ88daAEHXGKADZk46UAKUx04o
ANp7nNACjjrmgAA74NAAO49aADAHOKAAZPTAoAUgkdOaAEJyOAfrQAA54Iwf
WgAAA4ByaAFHOOKAAkZwO1AAPlGcdaAAHmgBSPTigBoODzx6UAKTk+lAC4U/
4UANII6DFAABkcmgBpGcYxQFhQvPFACtgdaQArHPFMBDg9RQAhBHTv1oAVUx
1oAQjBzmgLAQCKAGlfzoACD0IoACuOefxoAUk464oAbux70BcTqaAFBKntz2

oAce3GB7UAA4zz+FADO/FACrk/hQA7JP/wBegBpXOKQ0SQZ2HHY1nI1gPz7V
JYUgEwKADigA6UABFACYI7UAGPagAIoATFACUAHHpQAuaADIFACA+lABkUAJ
n2oAKQwz6UCEzQAtACUABAoAOKAEz7UXAQkCmAmR2osAfMR0wPeiwCbc9yaL
gKEA5x+dABkdsUARluPr0roOYbgkAjg0AA44Oc0AOK7ccjPegBQFJyaAAbfp
QAgGAOc0AKeSABx7UAB4PTFADtwAFADWBPKmgBNx4B4oAUjFAB1OOlADjxx2
NAACMY70AJg7uvHrQAMCOtAABnrQBIpyAD2oAQnBwaAEyR06UAGTnmgGLwxG
APxoAQ5J5HSgAJwMY5NACgDPI4oAUAZznAoAUHHyjvQMCcAZ6UCAYzn8qAAD
DE4/KgBuSTknj0oBChiRwOKQxQcc4pisKoJO48CgBGBJyuOeooAAcDODxQAp
O5QdvXrigYAgcUCDGDkUALweDwKAAAYwenrQAhABwjcUAABJ5oAUYB6H60AI
VwNwOc0ALgnnPA7UABAPHagLBjnC0AAGD8w59aAEC5J+bmgLCqO350AIMEnP
4UAKMA4PQ96ADODz9BQAh4IFACgcnJ49qADgjHSgBQcHjpQAHlwoOB60ANbB
UkjkUAC5OF6DtQAvfaR+IoADg8DJoAVWCjHU+9IAwT1/IUwFCZzgYoAQ84H8
Q60AKxHGBj3oAOAcDn3oAMfMSRigAHPBGPegBOBwwzQApIUfdwKAAgbcetIB
AOw7UwHKc9sUAIcr15FACNkYx3oAM4HI/KgBTgjcM49KABSOwxQAEc59aABj
jt+NACH5hgDn1oAUqAcfpSAUZGBTAQEk0AHU8flQAgJwcHpQAuelAxe2M9aA
BTtOByPegBCOaQCj8KLisAIPf6UwGjk8/jQA7nHHSgBCf0oGKOeaBARnHFAC
kH06UANxkk/lQAmccnP1oAXaCMjtQAnTvigBMnPX8aAHEn2pANAPrimAhBbp
QAoyOhoAUDNADWABwenrQAMwHAFACEnGcUAJgkdaAFH3efzoARfmPNADjtB6
c0AJ90dqAAZNACt8oHGRQA1sk5xQAoAz+FAC9Dj1oCwMuTxQBGQQ2KVhksLY
yv45qGi4kuRWZqGRQAmRQAZoAM0AJmgAoAQ0AJnNABQAmaADNABmgA4NACcU
ABNAAKACgBPwosAZpAFMApANLKKAED56LTAME9T+VAChB1P60AOyAOBQAEE0
AJnjikAmM9aYAAB2pWAhwCOe3Suk5hVOFoACSW6UAHOfrQAZwOR+NACDp1oA
Rhx3oAeox7UAgOc9aAsAx3oAAcnjgUBcGHfvQA5RnrQANgnAzQAcjgigAAA6
0BYFPPINAA5JI44HegBB0z2oABkkE0ASfKetIYDgentTEIRnGAcUAAwCRigA
Az+HagBwAJzgdKAsICD04oAXHPGBQAhyOuDn0oC4qksMdMetAC/MARjPvQAm
SMEGgAAHUmkMD8qkAUxAqjjrQAoxjpQAgKk4wcUAKwyRigA3Y4GRSACO5H40
wDg9M4oAAD0zQArHOPSgBoXJwDxQAoHykEUAABB2k9aAA53bAB9aAFJxj2oA
XIIyR+AoAQ/eOPyoADnGO1AAM/Q9qAEBBOBwaAFJIyNoFAAGyME/nQADkY9K
AF6jAoAAAAc/hQA1CTyy8elACk+2aAF29MCgBCePlHPfNAAcnA9P0oCwq4Uc
9aAF2jfkHAoAQ4ALDtQApJ4J70AJjBOcketACYJwy8D0NADvutx3oAB1+boa
QWFAJOdwwO1ADSSSR+VMBTgY5+agBCCBx+tACK2Tg84oAeR05oAaCACF6e/W
gAIJTGeaAAEbc+lABnkCgBehGKAFYA/MP0oAQfL96gAwCMkcGgBVAGR+VACb
SD1oAG980AAAJ7Uhi8A4PPuKYhTxk8UDEwO/WgAOBikITnOSvA70wEPJzn8K
AEAIPHegBSMLjFAAPlJPrSGOzlTjigAIyBTENGQKAF3EjjigBQTigBQc9cAU
AIaQABj8aYCfLzxn1oAbjFAB9entQAfSgBODxjFACHrQAvQdSDQAgO5gM0AH
JOOmKAFAIOKAEYECgAzkj070AAC9B1oACPwoACB2oAVeAaAEDcjPT0oAVipP
ygigBAuOtACjBOemOlACAHHAoAG5NAAh2tUSRpElDe1ZM1Qm724+lFwE3e1A
ASfSgBpz9KAuLyaLAI2R3osAgZvSlqAAtTAXNACHpQAc9O1FgAk9KVgEJPpQ
MAQR2FAhc4FABkU7gHWlYA3AU7ANL9gCaAFIbHOB7UAIF7sc+1IBCATgAAUA
O6cUwFGB1oADz9KQBnHSgBMZ65pgLjFACZ9KAEpDIBxXRc5Rc5OM8UwFOF4P
FAChhjGPxosFxp5OO1AXFZMDAPNAWDIyAeB60AKxG7A/WgNAwOpoAUnCgYoA
FI5wOtABj9KABjnGODQId0GaBiAEuWz9KAEB5waAHrgDAOaAG8k4FAWFGQMC
gLBlgMDFACfNtwT9KAFBOMMPxoAUg4BX8RQANnPHSgAHBPvQAFiuAwxnpQAo
DA9RigBCcnrQMUnGMigQuMtkn8aAAHB55FAxDye4pAHGOSRTAXIIwaBCnOAK
BikAcZ60ANJwMUCDaD/FigBSASMEUALuBGMUAIEKrjPB9KADkcdqAEYE9KAF
UEg84xQAKFK9efSgAxg8Zx3zQAuBnigAYfLhj+NACI2B2/GgBTjOB+dA7ASU
ODQICeQSKB2EIUkFRgjrQIDkHHrQADB46UAOVc/KfwoCwmAo5BoAGwcLQAAY
PHPtSAPmzxwDTAdu2nJ4oAaDlic9e1ACdW64x+tAClgVGRjHpQAv3hjPFACD

IXA6CgBwGRyaAAEMepwPWgBSRyB1oATAAHP4UAHIAOOtAASR2x6UAAIPQc0A
GATkj8KAEJ5IGQPegBcdwcUAJkg8fnQAKM8/zoAUkDDCgLAAD14zQAgwDyOl
AC/KcUAIBknP5UAKVBxxQAoBxQFgPJ6UAA4NIYhwW6nFACADsOKYhQRtxQFg
wMZ7elAACD2PsTQAAduwoAM9ulACZ/GgYEsSP0osIXHGT3pALxQAjEAcCmAo
IPTigBeB1NACEgCgYKR3oAM/NjHFAhCcHBOaQWEJP4etACYwcA4zTAXBHagA
IweSMUAITjkA/WgBQd3Xj3oAaB78UABYYxjpQAgODwKAAY696AFLY6UAIrZo
AViD7GgBoznIoCwpPHA/GgAQjb0oAMZ+vtQALgDmgBVIIyBQANQAm7pxxQAr
EjntQAhb1GaQDVJDfWky0WVII5rNmqA4NIYnA7UAJkelILBx3FABxTAQgUAJ
gUAGMmgAIFIAwPSmAYHakA3GaADbigBCBRoA0GkA5cn2HvRYBDktgH8qYD+E
GcCgBowWLNxQAdTk9OwoAQsTwBxQAAEcAUgFAx6UwDGOooAM5P8AhQAdKAEz
SAMUwAn0oATBNICuprpOYXBzu6ZoAawyc5zQAuGJG7tQA5DuyDwBQAHIIHag
BPl34xxQA4hQct2oAVeeR09DQAhIyO5FACknHAxQAIeaAFJzxigAXqf0oAco
APzdKAEGATjofWgAZV7UBYU4xkHFFguAz2oAcCAOQKAAHJoAMkd+nQUAAbJ4
oAP4uBmgBMZPFAAwyRnigBWzjGfyoAViAoBXmgBAvTFACA8n096AHAAnB6UD
DGG46e9ACg5BU8CgAXJAGM46e1ArAck4NAwPA6fjQAhJJwePagQpwOOlACDi
gAUk8DpQApzuABI9aAFyV6GgYpx0x170CsNYFCD/AA0ADH+IAD2FAAhOOeKA
HAnHHNIBpbAwR+NMBcEnPH0oATAzzwRQAoPtxQAbgQcUDDG0jrzQIME9TnHp
QAh6AZ4NAChSFz1ApWGActw3FMQFs8ADjvQAp4YZOAR2oAOpx0B6UAID1Hp1
oARmHQDFACgEDIIoATo2DmgB33jxxigYoII27frQKwoAI44oATkEnqBQAirn
n9KAHADvQFhM54xkDoaADIx8350ANVueR1oAXkt8pxQAoGQQRn3oAHOQB296
AEGQcccUAK3PQdetAAQAMUACk55WgAzk9sUAIdoI44oAcMc5IFAAW29Rx60h
gG9CKYgYnII4oAMEjp+NIYgwTjFMQp6cHFADVYYNAChs/wCFAARkZoAAcjk0
BYFIL+/rSAQjBoAVh2pgAJ24HUd6AAg7c5FACdF/rQA4kDpzQAmMj2oATGD7
UAKDyM9KAEZiGxt+hoAXBK5796AG9eM4xQA8frQA05zigBpBDHOaAA8Dg/hQ
ABxjGPrQFgJBHHSgBOB05oAUc9aADOQQaAEBGRigBc4OelACcE5z9aAAsM4I
4HpQAAqe2AfWgAGAeO1AWFYk8j9KAFK9Cwx6AUAIAVOMYoAGAOMcUgYD5RzT
AOCO9ADWIz7UhiqACCaUikTBh2HFZM2Qvb/CkAhFACUrjDH4UCDFABimAlAB
QAZ7YoAQ0AGQO9FwE+8MqMj1pgNG49Tx7UgAgHjFAA3AwOKAAnau1e9FwFC7
RyaAEwCcngUgDqfagAY54FABgdBQAo9MUWAOn1pgJ7mgAJ9KLoAxigBM+lFw
sGPU0AGfSgBvJ60AQ5GMCug5hSQT1pANUYbg5phceTubOKAAjGMcUAIeX46U
AKQAelAC7QRzzQALgDB4NAWF4I6YxQAind24oAMHPFACqcH2oAMfNxQApPPI
oAUgEdKAExQA4AAcj8aAFI6YPHtQAmwN1NACqCKAAk7hwMUAOwM5K0AJkDjF
ADSSOSMUADZJAPSgB5KhRgc0BYTG4dM0AAI7ZBoAASOvftQAKwB54oGKSTj+
7QIQ9eDmgAGVPPf0oACcnmgBSRjOOnSgAYglf60AAIJIP4UAGOMUAG0gZxx6
0AI3TgEfjQAqFQhBH0oAEBxjP50DHBhyOtAhuACMjGOlAIHOSOTjvQA7jb8t
IYmGwMd6YgB4wcZoGICQeeTQIOM8jNIBcKOnU0wA5PBwfpQANhcAd+9ADcc4
FADl+7nPTtSGDYB4xzTEKew/X0oAQYHuP50AISGPAIx0oAVdwznPv70ADFcY
PPtQAqgYoAb7GgLCkd6AF+Yc9PpQA4ZHOODQAA4J57d6ABeBgHn1oAQLhuaA
FYAH0HtQAnRunGO9AC44A/hoAD1GOooATOBzQAuQSABQFhpB3YoAVvmHy9ut
ABjjIGaADOVHagBDgH0oABkqRxQAEgYoAVu2elACYH0FAACTwOaAFBwAP0oA
TPPoaBjh05pCExxjFMAx3AoABg5HQjtQAnQc/kKAFBI528CgBM5OTRYAPy4w
ePWgBR0+tIBAQOozQAFgRgCmAgJxgUAKAR3oAVsYyRQAqncB8v5UAB5HFACH
sBxQAgA7j8aAsGewpAGSFxigAwe4zTAQqD2waAExg80AAGOnSgBCoBoCwpPt
igBN+AcigAUKVznmgABBOKAE68dqAFOFPHIoATOelACgEAjjNADQSME0AODE
5YUAAPr+FAC8AY9aAFPPBWgBBnJB4xQAjR55ByKAG4wRnikxokOQehFQ7Giu
OAzg8is2aJi4x0JoAQkj1osAgc0gHAk0wDmgBD78UANLDoDmgBpcltqj6mgA
YbuM/lQA7H8IX60ADHJCjAA60AITjgH8qAEztOOpNAAcD60ACgdWNAAefYUA
GM+uKQB14HSgBQPSgAPsaYADzgCi4AcCgBCCetABwOBSAMZoATIzgUXAMetP

UAxQAYAoAqBcMPTFdFzmsKM5oAeuQPagLBuyAcdaAuKMtyecUAGecgUAIeSK
AHDqBQFhG4YYoAXJzz19KAEHHQUAKuWzx+NACqOSCaAAA8nPSgAXnGBxQApJ
5A4FACp8yn1oAVDmPB60AKMYyDigYKcDmgBQeeaBWDA65/CgYjZIoEAwBk0A
LjcO2KAEY4wMde9ACgDkdKAsC8ZB+7/OgABBPTIHrQApw3PGfSgY1j8vAoEA
OVxQAuNy8UAGAvI696AFTkmgYm04xigQpOT83agAAUjAOKAsITnjNACktwuC
KAF9u9ADVJUfMo+tAAxyaAFIXaQDzQAKQfvcUAJkelAC7goA9eooAXBYYDce
lACEHOPSgBcLjIz70BYQrgZGcUAKCOB270gAgFsLwDTCwgBBPegAyMZzQAmc
D60ALgKOvPYGgAHI680ADLg/MQPQCgBM84HGKAFOGGAT9T2oAUoCvB5oCwcg
gUAKCCee1ACqCD1HPagAwd2DQAhYg4AoADluOgoAQkKdozmgBQccGkNBklcZ
BoELkgAnvQAEZNMAB9aQAx6gDr3pgJgdqADHSgBxACcUAHQZoAT+H2oCwE8E
Y6+tADcYAyeKAFIyOOg6igAYgfdH50AIGGMD8aAsLj5Rg9aABQRwaAHAAHNA
ARk560AICM9KAFJx06UgD6UAIcA9KYAc44HFAARnGBQAp44P5UAN6DAP4UgG
7Tt3dqYBk5xQAuChzQAIaAHcE80ADdOOPpQABtoHOc0AGBuI/GgBOoPH0oAF
HFAAM/lQAbielAxS4XgigQwsCeBQAoPagBtAB1HGaAEHPagBWI6AcUAAPagA
A4OP1oAQZ3AGgBSMHGPxoAToaAHDB44oCwgBzgflQApAA75oAQHkGgBcn1/G
gBBySc5PSgBclOAaAEJIHIBzSY0SjBUelZSNoi4HapKEPHQZoAY2e9IBNw70
DHBwOgpiGs56DApDG5JoAXPOF60AABAwMZ7mmIUdMLz70ALkYwB9TQAhOBgU
AJgDp1pAHA6HmmAYA5Y0AB9/yoAOD1GBSAOvsKAFwB7e1AB+gpgHXjoKADI6
CkAmMc0wDr0pABwvQUABGep4oAB7cUWAMAdaYB9KADoaQFYE5HFdGhzCkDGc
UwEKkLnsaAExkDJoAcp2jHY0AOyBwBQAgBwOPxoAMfNx0phYVgFwR1pANJO7
5z16UAPAyOODQAikngUAISc7SKAHDB4oAVflOPSgBDnJxQAq88jgDtQGguRi
gBV4oGL3oAXGRigBuME4oELyOfSgAGGPzUAIQQOOKAHZDAZoAaQVcY5B6+1A
D2wRQAnyjoSKABAAOR170DAgAjB/CgQmAD3oAUAjmgAPPY/WgBV2/wAQP4UB
6Bg54PFABnHBFAASB0GPrQFhAN3IoAVixNACbmoAD8w64oAcpwvIBoCwgYDk
UAIQWxQA45xjjA6YFACFSQP50AOBXvxSATJHToaYCgcEZ60AJn5Men60DExk
7se2BQIXG3jFADdxPSgBQp2+9AwK4470AG3PGfzoEAU9M9T1oANuW68dMmgA
K5GRz7UAKmc4wB9aAAJ82O/pQAA4JwOnXNABtwc+tACj8KAFySOmPegAAx2z
QAN0z+QoAQZ7gYoAdhenegLCYAOB19qAsIQfegBQCaAEGe4oAevFAxM84oEA
IAPpQFhAcjrxQAvUck49KAG7h0A4pABGMZ5oAccD3FACEA0wG9D0oAMDHoTQ
ApAAFAC4G4YzQAucHB6UAISF49e9AAMDp1NAA3OMfjQAEjoePegBCD+dAApy
KAFIyPSgBuM8YoAUoFHI5oAACAR/CaAEA9aAHDABHrQA1Rg4xigB2T07UDAA
hgwOKBCnaTxgUAIPmb6UDAkA4oAAABxQITII4oAbkAYpBYAwzzyKBgFH0Bpi
DAHGc/SgBAfwoAUEgEYFACEbeo4oAM0AAxgGgAIPXPXtQAgznqBQAoJ6DoaA
Ezxj0oAAQcY4PegBw4Bx3oATnPJoAXAPUUAHA47UAIAPQ0BYUhccCgBrkZ/n
SGPQcdcVDaNIjtwB9azZohC5PAGKQDDnOTyadhhjPWkAv6UAIf0oAbnPTpQA
5RgcUAH4HHrQAo9BwKAA89Bx60CEHXApjDnotAgAA4xk0AHQ+9IAJwfegBQM
nJosAuAKLAHfJ59qYB7mgBCSeBQAdPrSAMAcmgBMk9OBTAM84HNIAPFMAyT0
GBQAcCgAzn2oAAOeaAKw54roOYeTtXFADcEjGaAE24XJoAFAJFACkNnPagBQ
T26UAHINACnkUABOcA0AB+XOKABQwxgfjQAvQEGgAOCOO1AAGxlh6UAIMYzn
nvQFhc4OAKAHZzkEYoAcMEYoAXOBgc0AHGKBiD2oAUjK4Gc0CsNwQuOpoAXO
Rz+FADMYPpmgB4JC0ALgEYJoATIz6mgBQG65z7UAAXd0bFAAMd6ABW5w34UA
KCSOO1ACFgwyR9KAsLjHBbPtQAmSvIoAT7x+Y80AOJwBgcUALyMAng0ABwBx
QA1Dk4wBQAYBfn8aAHlATgEE0BYQnBxQAZIPzDg96ADIP3T+NACA84Yc0AAG
Pb60AG4dP/1UDFzgdM56e1Ah2/5eMUDG4zzQIQDBzQAmc8gHFACliRxyRSAB
gj0PpTAXIBwOTQAEkkcUALxjgc+tAAMkgdPU0AIOHIPT1oAGwDx+NAC444/W
gBPbvQA/BxQAEgnHakAhCE0wA7h05FACk859KQCHGNy8e1MBcgjB4NAARjrx
SAASO2PrQA0HHPrQFxWPoOaYC4OOn1oCwpxtz0oAYeGBBwKAFbbjjg+tAC5G
QM5B60ABbGe9AxgJDDA496BCkZOQOR2oAVcBc9+9AC5xyMYoARgvY5oAMErn

j6UAKobIyOPWgBCQG5HTrQAhOSf7ooAD6E570AJkkYFAC4G339KAsICDx0pD
HfcypHNAhM5FACgZ4x+NMABGcUAISR2oATHqAaAAccUrAO5PemAhxjhQPcUA
Lu9OPekAhKqMEZ96YCDIPrQAHrzxQAbQaAADJAxx60AKQcEYABoAMAcjigBu
3PQ0ADDpQFg387QcgUAIw+lAApI6flQAElj6e1ABt6YoAAuCaAGtkMKAG7ea
AHL6GgBQeh7UALjv2oANoVsg8elAWEfqMUAA5FACHlqQ0OA4rOSNo2AA5qLF
ilcdaAClqAme9AATnoM0WAMAn5jn2FABkf8A1hQAuPWmAHHf8qQCZ9eBQAp4
GTwKYhOSPQUAL+gpAJj04oAOO1ACgUAL04ApgGfQD60AKeKAG4z1OBQAvXp0
pAISB0GaYCY/vHPsKADBPsKQBn0pgHHegA+goAPwoATdQFhOT3pXAg6NxXTc
5gJy/PagB2R0A/GgBysOgFAERG3JX1oAeQdo4oCw0ZBHFADnJxk0AC5K4oAX
A3Z6etAAOTQFhVBx9KAHjJBIIx70gIl546A0wFAA460AKgJ5A/CgB643HIxQ
AmSaAAnP3TQCQ4Yz1+tAw3ZXp9KBCA47UDDJ3cHikAE8cHNMTF560AAAI560
AAOexAoACCT7UBYCvoaAHcKMmgBFGCTQAD5TkdD2oAFxtxjNAB2xmgA2gjI4
oAXjIPWgBS4PagBrAOOBigAVjjGMgUhjgcjJpgBGQOaBCYAOB270AIxx1B5o
AeRgD3oAay7nGDzQA5SCdvX2pAIMA7Qe9MBDg9jx3oAMclse3NAAFG0j1oAT
BzjmgBVUlTxQAoYEYFIYhIAx3oACHC7e1MQLlcDHXvSAApLHb2pgO2kcigBR
hj6GgLDQTkjoKAA+xOaAHDJoAQj0FAB1A5pAICckelMBwz36UACnbk0ACgd+
BQAAkNg9D3oAXAxgDmgAJwpoAaBxycGgAIyOtADh90UAICCcZoAUnAwKAEw2
MN39aADJxtPSkADHoKYWEwME9f6UAGQQMdqQCMcnOKYXFAZh0oAcBQAcYOOg
oAQEEHK0AKBx6UAJjPAH40ABLIeeFNABkZOOc0AJkk7QucUAIPvHPBFAC4wO
Dg0AIckigBcZGMfjQAhBYfSgB/BTHegBoJI96AAAdSCKAFbgdeD+lACHAH1o
AULnnigLDVPJ/lQAuMnigBCNoxQA5emetAATnjFACEA0ANBPTtQA7JC4FADS
SME80WC4Kcnk0AK2ABtJz3oAbgk56g0AGABxigLDSD0oAAaAHZyeaAAZHTkU
ABP50AB5A3dqAEwGGOM+tAApAPNADiwIwBQAhJKgdMUAGQeooAQr78dqAsIM
A0AOyGbjFIYDjvWcmbQDcO5/KsywI9AadgDB7nFABtA6DP1pALz/APWpgGAB
g8ewpAKB7YFACcduaAENAAMfU0AHTnqaYhT780AHA6n8KADr2/CkAoAHbFMB
cY68UAH8qAEB9BQAHigANIBCT34FAAOegwKAA8dBmgBOO9ABz9KAA4FABk9q
AEx6mgBOnQUAHJoAhBHXuK6TmEB3E0AGSB2xQA5ePpQAZB6UAC7T3JoBIUNg
7TQANzgfwigBVAwT2+tACMduM85oACM5PQD0oAVOVIP4UAIjHJHb0oARycen
0oAkUc5I4AoADwN2cD0FAACCQR+dADdxPPFACr06UAP+7z0FAB0AIoAGHegB
o/WgByjjFAAWwBgd6AEySc9PrQAp5A9PWgBc4PHAoAQcH0zQA7GRQAEbTjrQ
AdEI5z2oAB2z+lACDvxxQAqBdvP4UABHHGOKADBA4Az70AGMDBAz7UAIOW9K
BjiGPfAoEJzjkjNACg8CgBCdxxQA7PGCPpQA0H5vlPTvQAMTnP6igALgjpjH
egAUgjkcUACj5uelACtQAhJwBwBQAD5TjPHegBQoBypyDSATAzxQMcRnGDim
IZ8wJGeKAuPUc8cUgEwcbgaADJIHH40wFxgZoAcQCOmKAsN+goAUsV6CgBCf
YCgAB3j0xQAvTpyKADvnH4UALwe9AASScDpQAEZbAGDQAmcHbj60AKSB2yBQ
A3ODzwCetACkjPFACKCDz0oAOOtILDmcbh3oHYQE5IB6+vagQcBRt59TTACN
o46UANAwOO9AATgdKBikZGc9fSkALjGT+dAgyCMY+hFMBQP4T+dACYAOWoAd
njAzigBBk8E9PWkAEEH5RimAg4YnpQAMQOmCaAFzngfpQAUgDceFI47UwDAB
znmgBDn2xQADg8UAKSD1/KkAhyAAaAFY/KBxTADwvAxQA0limNuMnvQA75Rj
+dAAcE57UAL8qjgcUAN6gZGKQAdvv9aBiA56CmKwoyCOgz2oARic9AfagBpX
I9DQAHI6CgBScAY6GgBCAfu9aQWE5AFMAYDHHNADADnHQHvQBIYyD97OaAsA
O0YyDQAYzzQADBGOBQAiAY5oAOnSgBM80AL0PsaAELUAIRvHXB9KADbjpQMc
nfgZrKSNYD8D0AqDQDQAfkKADA9zQIMdug9qAEyO360hh9P1oAMg+59BRcBD
z2/Ki4C9B0piDIx0oATtxxQAoFIB304pgH0/M0AJ09zQAuD3oAOg9BQAcdqA
E6njrRcAIFIBpHrTAOeg4FIAAUUABJPsKADIoATNADSwFACFz2FGgWGZJ6mi
4WGHGMV0nMKoOOnFACgZOKAHI2Rtx060WAGAUZpACgKOtMBMEsSaAFyQM0AC
HKdMH0oAGAGM0AOYcdMCgBuRnOaABQOSOtAAV6HqaAHMWUgfnSAAQD060wEA
C/d6GgBPvNgd6AHLlWwRigESEjGMUDEbIAz3oEC896AEGCxFAAWPToaAFHI6

UDAkZ570AAB6HgUCDocdaAFIA6UAJjDdetACkhe3NABvbJJH0oAXdkDIGaAE
zk8jFAWFO0dPyoACwOCB09KBi4z82QMUCE3g4xQAoGDx+NAC/QE0ANYAjLLQ
A7PycYoAYowOvNADyc8YGB3NADdpDcA89M0ABPGO9ADlyCQ2D7igAQYOKAEY
gPhfxoAcxwMn8AKAGn5mHHWgAXB4A5HPNAWEGCcnj2oGAVQevFAhQM55HHSg
AxxzQADPSgA6HFAC8npigBeWUhh+VADQeg7+tACkehoAACR1xQAKQrYPNACg
jn+VAIFIyQeKQ7CjGcjk+1MVhqk7sMPxoAdjA4/CgAyBQAAjblvwoAQYCA5O
aADAK0BYCo2ZXg0BYFOVoAbnAwRxQA5gowF6mgAY8j+tAASFYY+nTigA6D5j
QAhIxxxSGIBxgnr2piFHpnigBxwOB0oATgDgfhQFg4AHHNAAhJJBX8TQAH5R
nuaAsNUkc96AHEnGaAEPQHnBoAAB0x+NAWAAKRjqaAF4JoAMZoARhtxQAowf
pSAX73SmA0g546igBGBLcUALtIHNIAHpTAcPu4JoAQLkhScfWgAIIbbkYoAQ
HnFIA4ztz05pjEJzxigBwwFxQIZtPUcgUAIpznHWgBQSR7UAOJHODQAxRxzz
mgAyOmKADoeelAACAOn4UAMxk8igCQcDnpQAmcnjH1oAMEDnGKAECrknHWgL
BjigAJOPUUAJ0PSgAPXp1oAOCaAFAHQUALjg5FACQnlhjp61nM1gS8+wrM0E
79c/SgA/4CfxoGHHTn8KAF/T60hDT7fqKYCED6/SkMU+2B7UAIMfSgQZPb86
AF29zmgBQAOcY9zTAB7fmaAAj8aAE5PU0AL06CgA4+poATj8fQUAGM/4UAB4
46CgABz0pAISB70wE5I9KQAWAoAYWJ6UwEyfX8qVwEouOwnSkAhI9aADNADN
q4966jlHc4oCwqkce9OwJjlG0kDvSC4YAUj1pAJ19qADIx6UwBTn6UABPPFA
CjknNAB97oaAEAI4FACfc6UAOUEYLcCgBy5zkmgYBQzHJ49aBAgzlSRgcZoG
hB8rkE4x0PrQIcDxyPpQAgzigAJ3YoAQdSBmgB44PPWgBob5iAMmgBcEjOeP
SgBdoK9MUALn5PegBV5PagBCCGHGPegBWHHHJoARTlsN196ABlCgjOc0AAIA
oAFILjPTFAAcZ4GBQMFbDYCigQuAByMg0AAVeeMD0oAA6qMHOTQA4sM7elAC
Fcnj86AEU46frQAMwJGARQApG7igBWIJHtQAhO7k80AJ04FAEhGU+XGe5oAa
ACnA6UANAPIIyKABuFwTigYHnjFACjhexoEIOhx36igdhVClh2oFYNoB4NAD
gQenGKQCMcHnn0xTAcpz0FACA5JB4HtQAjZHHQUABPAxgetABuGfagBc98Yo
AUkkY4FACEqv3l/GgYNycjgH0pAAAXpyaYgyc8jigAwGOc7eKADAC47UAAzj
g0AA4bAHWkMDuPQDimIPurgdaAsBzs69aAA5BGePegBF+4Sec0AIPu4PX0oA
cxDHp0pANYAcgHFMBQOKAsKDyA350AGMnA5xQAmcHkc0ABLZBNAByDjr34oA
CM8jrQA7gDBoCwmcDOPxoACcgAjFAAPXn6UANX5SaAFYggZ/SgBz4PAHSgBM
4oAAM5x0oAME+340ACjA5oAXoPagBM5FACKRnn8qAAjmgBWPT5c0gAc9sUAI
cA9cUwFxQA3HPoKAAnB5oAXgmgACgHAHWgBgBU4oAGHNIAHTpTAGzuBBoAU9
BnFIAI4B70wGHnpQAvYUAKSCeDgelACH72M5oACSOOgoAdn+HNADOCMUALjs
eKAF2kDjnNACFSO/4UAIc49KAFTJ4oARDlyMHpWczWBNjA6fnWZoGQR1H4Cg
BME9Fz9TQAhHrx9KQDgB2/WmAZzxkGgYhAHHb2oEJjsBikAuz1pgAOOOlACj
P/1zQAZB680AHJPtQAAegoATPtQAHnr+QoACMD0FAACewA96QACQfl6+tMBG
OTljzQA0v6UAN346CgLCEk0hiUrgISaADPFACHmi49BMYoAMe1ABmiwDQpIz
+tdRyAvcHn3oAdgL3wewoCwuSGG7pQABvmPHHpQCEDfN0oAMZUgjmgByY2cU
ALjjNIBoIJxxTAGG1TtoAIzuAz170AgbIcjGMUAKOTg0ADgrjbQAoBGN3AoG
KMg89KBASpBzzQFhUxxn8B6UAAPz8jigAYAngY96AF5BxwfegBg65HNAXBDg
nP5igBwGeAaAHE5GMZ+lAB91AvpQAKPkBJ/CgBQCwoARWwTgdKABgGUDOD7d
aAFIBTB4+negAVMDHQigLCAfnQAucEcUABIJzjFAADnntQMC/OCKBB3yelAC
cE5Y/Q0AOwCuSeO1ACA5Uc4oAXjIB5FAWEAGWVhgUAGMJkHI7D1oAFwUPb2o
AUEFeDzQAAYAXPvQAoH4D0oAa2VbCng0AKWUjBHNAxDkAAYoAByMEUCEJweB
igBwClR8vP1pDEyD2oAUDBHpTEKCpPA6UALwWwRx7UADEhgF6YpAGc9elMBo
BB6fjQArMBxjk0ALjGKAE60ABA5HXNAC5O0A4AFAASTkgYHrQAgbK89fSkMX
AzigQYOSMZpgImRwP1oAcOcgDmgBoB5OcetAAAAc0AOGO/NADQMn5qADcE4H
NABlhy2M0AA47de9ACryMHtQAYFAAwzjJ47UAGSGHpQAZzkHv3oACdvynkUA
IMdhzQFgzg56UAAILdMmkAuOGA/KgBFG5ACeffvTAcc7MHgjqKAsMZeRigAG
VJOKAHYGM9zQFhOmOetAAcr3/CgBcFsZFAAO4xxQA0HnGKBj2xt6UCGDGBQA

p56UAKuVGAc/WgAORzQMCFP3uKBWDH5UAIST26UAGN1ACEDHbPpQAi43c9KA
FGMUAJ+tACbsdKAA5AB4wKAE4JyTxQApznjpQAmeelAAW9qAEBzxigBcnIGB
mgBcnPOKAFfHHTJoCwgI6Y5oAa3BoAXLEDBoAC3QjOaAEOSMnoaADODxQAIf
nwRWckaQJhjHT86zNRRwOwoAQ8+9AAePQD2oAT6D86AFCk9cUAKAAOAT9KAD
px/SgBCPfFABgemaLgHB9T9KAA8Dk4oATJPQcepoAXBPcn2FAASF46e1ACZP
pgUANLqPc0AIXz2ouFhpYmkMTNFwExSAMUAGPwoAMigBKYCZ9qQCUABNAwwc
UAA60WAZvymMYzXWcg4CkAHBPPWgBWyQMnJoABgGgBQRnNACk8DAoAQfeI9O
uKABmK/KDxQAAjHYUAOzhgCOD0oAGUqSe3tQFhD13UgEV8n0pgKWB4IxQAuS
QATzQAAnNAA2QORigBQcfWgBd/bFAwLDOOooENzt4xwaAA4U5GfpQAo5ySOD
QABtxwKAHcjqcfSgAJOKAFU560AA4JweKBgMKpyDmgAIG3PT3oEK2Qo6UAIA
SOf1oAXAA+tAwK4Az1oEBAxuzigLCDjkDigBxbIGcUAGcfT0oAAcg/LxQAx8
7gv8J6igBxBI2jg9qADaUPPWgBQNzbiOBQAAjPGcdqAExnpx7UAABXqKAE4X
t1oAXB5zQAh5GAB9aAFwCPcUBYGGQOMgd6ABuAOcCgBQBnGeDQFhOUGKQDht
I6AEd6A0FUjPUZ96YCHgfLgUAKpBFACEDOAMcc0AKeBwCaADOTQAuOcmgBBz
24oARjyAvGTigB80flSKm/cCOT6UAMxg5XBoAAQD81AAME5PHpQAoGBuPagY
uc9CfpQIbnnjigBxOBzx70AN7/LznrQA4DJIxQAhCg8jpQAZA5NADVUAcn6G
gLC4496QAQQAOx70AHcD1pgKSCeeCOKAD1BNACE8Zzx60AJgHnp70ALngZxQ
AbSHPPHrQAhPzY/WgBQMAEUAIQcHb196QDs7gBjGKYCA445oAG9M0AKuOooC
wHnjFADQMn6UAKwAB/nQA4Nxx2oAaTg5B60AKPm9MCgAcj7tAAQOgFACY2+u
KADqeKADIJ54oACc8dvWgA9jyKABgccYxQA0EKaADALEgdaAExnp2oAMnOMU
AOPTHSgBpGKAsB9+KAEQDOBxigBw9DQAjLn8O1ADRyfQUAKQAQPX0oATBDfM
KAHkqQO1ADCF9elAAoyPagBGxn0oAFoAAcjgUALyRigBCOQR+NIBf41OPrSk
XAkyScAfnWTNhQG7YFIB2PU4oAXCnoaADHpigAwM9PzoAOvv9KADkDrj2FAC
Aeg/E0AIcdzn2FABn0IHsKADHt+JoAQsi/eNADGkB+7mldAAZvQD3ouAh3Hv
RcYm00AGAKQCHA70AGR6UwAn0pAJzTAMe9KwCYoAMZoAQ/Si4BwKAAkGgBMi
gYAnPFMCMlsjjiuk5GSAgjj8aAEHJOBigBQADmgBGPzDHSgB2OeBQFgzleKA
sICUXjvQAAZHNAC9wB0FACt93OcY6UAKDlMHigBp4Cqce9ACuQx6ACkAncAd
KYDgMEHHSgLilsEnGM9KAEJJwKAHkHHSgCPvyPyoAkwpUYFACckYPagBAmOf
WgBwU46/gaAEUHfkjt2oAUgHgigLC5HQ9KAEwScCgBwHFAxpJJ6dKBCjB4bj
NAC7R0JyKAGkYGGPTpQAqkkdOKBik5HtQIVSCNvWgYhztwuM0CAgBepBoAMN
jOeT60AC8rnr60AJgHJFAWDAIBHWgBQSUoAXPORxQApIx/SgBAQzcDAoACRn
BoAUZA4XigBcgjDCgCMgjkYA70AKwVSNv40ABZsgY4oAAATjNAAeDgZxQAue
1ADtvIbigAbDHlfypBYTGOKYDlGKAExk5HFAB0/GgBfnA6ZFAAM4zigBq5Iz
09qAEwMc0AOBLf7We5oAFXHQ/hQApxjBAoCwijIyfwoAQbsZOMelABuxyBig
BVOMmgA6fMRx6UALgD7v5UABOegOKAExt5PGfWgA2jHFAC7e+BigBNuBnoRQ
AMAcKDQDEOM/SgBR16ZoAQqCc9PrQADABA6UAIM/hjigAUccgGgBx9uBQA3G
W5oAfkA4JxSGB644oEN4Bx2PpQA4UwGEFj1oABwORxQA4AnoaAAg4z6daAEJ
554oAMjHOKAsHU4HAoAGGVAHGKAFZgQBjn1oAMlRj17igBA2Rgcj3oAQnBGO
poAXdgnIoAGPTHQ9aAEzjpQAgYYoAVefQGgBOxwOnWgAIJQbWoAAMMMnHvQA
NkNigAyVJFAA208dx60ANAzQAoPy49KADcM0ANbOelACoeOfwoAASRnqKAuN
6npQAuDjGOtACgkDBFADSM9fwoAUgDp0oCwgGB1xQArYHQUAJkelAChiCMjv
UyKiWOPSsWzdC4x0BNIApgHH93NMAwfYCkAnHofrQAfn+FABj3AoATI780AM
Z1HAP4CgBpc4wq496AsNIY/eJ/OkAYA4ApDFyB2oATPoKYBknoMUgDB7mgBB
TAKQB+FABigBCfwpgJkD3pWACSegoATmgBME9TQMXaKLsQmAOlABT0GHOelA
DTwB710nIBIUUAxwdR060AAfcOOlACHG4frQFxWcA4XmgLgOeDQArAnAPQUA
C8nA5xQAnJHSgBcdOc+ooAUHPbFACFcv8zdKAAkdAKAFwQMgYFACkkt7UAKw
JXFABkAjFACltoB9aAGggnGcUASDG7qcUAJnOfagAXGPm4oAaM4Oe1ACg5Hy
nFABk4xjmgByqcZPOKAEVs8jvQAAHJzQAowOQM+tACcselACjpyKQCgZGaYC

EN2oAVTjgjNA2GfTg0CDHy9qBgQSAB1PrQAmDnB6jtQIUHbnBoAQHHvQAuFP
B4BoACMDg4HagBASB/snvQApDAccE0AG3I+XqKADnHvQAqkg8nigBcZ5zx6G
gBhIY89BQAYBFACk8AdRQAYHagBeQOR+NAWFwCBnv6UAJ04J4oAcGBOMcDvQ
Ah4bPagB4x2H40ANGAMA8+lABgkdfwoAGJHQnFAB0I54NAC5yMDFACYyO1AC
LwcdqAFJC9KAFPTrmgBCQTgcCgBFJBwRQAp4BC96AsBI2YI5oAdkFeBwKAEL
cDbjJoACHHGR9aADr2/OgBO+KADODjHFIBD93BpgAxjjigYhxjHegBVIXoc/
0oEGTnrkUguAOWPy9BTAVDntigBD14OPagBcZHB5oAHySCO1ABg4zigBDn8+
xoAMKBnABpAKDQAmcZOOKYCZ9RmgBRz04oAQMGJUnAoAQ+mR+NACjj0xQAqk
jIXoaAsLgdCeaAE6UALgtjHagAOccDigBD0zQAnzYI6g0AIAcYI/OgBBxxQA
ocAYxQApGQPb0oAG+XkdO9ACDONoHGaABsjAIFABzSAUgHpTAYVw/WgBScLj
OfagBpU5HagBcZHTmgBWyQOKAEwB060BYUk46UAAxjgUANzngLQAd6AEwT06
0AKvGc/lQAMwxwBQAuNy5oARgCoHpQFhgJU+1KRUS2KxZugzmkAv4ACgAPtz
TADkdwPpSAaWUf8A16AGl/QZoAYXPcgfSi4WA8//AF6Vx2Ez7UmAZb2AoAMH
1pgBFKwCfSmAoI6UAKaAGn3OKQCFlNACZ9AaLAB3H2pgG09yaQCELQAAAdKA
F57CgA5oAaRRqADFABTAMUgDAzQAw4JlHauo5Q7fSgBVAz8vWgAPykDGAaAF
UjdnFACkAnjoaQWAjBwBx60wButACZCKOOtACqADzxntQA8DHINADVH50ALn
HJHFAAw4BoARiAvXmgBByvFADtxXtnPAoAMbQMjJ70ADYxgZyaAsKCCMbefe
gAfKhT370AKVJ7DFACKCRntQA5QeSRQAY25PrQAvbpQA0YIwSRmgBVAU4HT3
oAU89KAEyVHHFACqSuMdKAFJH/16BiZGOKAAZ7UALkH1zQIMY70AIQD1P/16
AFJXAbJxQAEAtkNyR0oATjscmgAJ70ABBPOKAA5b8KADfjCsOAc0BoOODyDm
gLBkrhqAE3lgPegAYjbuHGO1ACq24c8fWgBAo5J6UAKME+goACPSgA4J6UAG
4BelAAMbuKAF4z7GgBxAJHHAoAQgMeeMdKAADHc4oCw1m54WgBSc88/WgAYZ
HFAABx60AA+98o+tACkgAHFAWEPPQYoAVuVAGKAAqScDAGKAEOMYoAUZ7j86
AEB+Y0AO+nSgBpX0zigAUkfKRz1oAU5IzQAucHoc9qAGhmB5FACs2TgdKBgr
DOSPwNAhG4HGKADGAO9AACB+NIYZOcigA6nFAhTnOB2FMBBz70AKCOh4+lAC
HgYzxQAc4oACSccUADEAdKAFAHYjBoAQqRx/CaAB1wAB1oAOFHUUAIWz2zQA
oK9+KAsGARx19PSgBqh8cdaAFOTgkYxQA5uCMHIxQAHjn9KAAnIGOM0hjDwf
X3piHZJAxxigBMnvQAjckYGMUAB9QM4oAXKkcUBYCMdaAA5BHY+3egBSpJzj
A7ZoATGTjHNADSCBxx60ACnjk0AIxBOM0AKGHegBAwJ64oGJvOeKQhc5HHWm
AuR0oACCTwKAsHSgCNiOo60AKHOeBigBoznnNAARjgDigBQBQApUE8DigAcA
/gKTRSJ1+6COD71izeIufXP8qm4DS6jpj6DmgBC5PRfzouMblj3/ACouAYNA
Bj60gDAzQAcUAGfamAHOOBikA3PqcUAISo96ADJxwtMA+Y+1IA2epNAC4Uda
AD5aAD8DTAOfpSuAnXvQAgwOAKAF59KAEwaYAF4pABAoAOPSiwCUwDHFIAAG
aNRXGKRnp1rqOYUjIx0oAAMYAHWgLAACcntQAv0wD3oAFPGKBhkkhQelAhdo
zxzigBMZYcZIoAcCGb5utACKpyRQAoGCADwOtACMSB1yM8UAGc4AoATnOCMA
UAL0+lAAMk8c+lAWFXgYP40ABbJ+XtQAHOPSgAzkgelADmOTjpmgBcgLx0oA
QEkUAKM/hQAmSM5FFgADJ4oAdjI+lACZ+bpge1ACH5z7UAOVjnb2oACdpoAQ
Ag/XtQA7JA4oGJnPPSgQqcg85oAQDLH07Z7UAKAPun16etACYC9OtAC4UdMi
gAYDHA/CgABBWgBCMHA/WgA3AnnoKAFABPHAoAAQchqAEBCnoKAsKeowOD1o
AHwQB3NAAxKkAj8qAEAyeuB60AKoAY7m+WkApHO4dKYASC3tSAQAB8nPPpTA
eMBsjvxQAm7HWgAC+pNAATjg8CgBTyKAE34AzQAuRigLCKTzkcUAOAUEkZoA
aCN2D09KAFyqnOOtACDGc80AKGHZfxoGIRxwKBCll4z2pAIODx0pgGOM9qAF
znnHAoAb1OSOvSgB2e1ADWBHOTxQArAlRQAEg9eMUAA5UY7UAL06igADAjjm
kA1ieMCmAoJ6ZzQAmOen40AK4wOPxoAT5scUAOIxz3NADSuSBxQA7pwf50AI
MjtQA4D5c/pQAwdc+tAC5oARskAigBMgDB60AAGOAeKAAcZOKAHDkccCgA6g
DNACng4PSgAO3gZ/H0oAB8x47UAJkDg4oAMgDBoAQthcDpQA3BPSgBcEDnoa
ADgjk4xQADA6CgAyTQApJbHJ4oAQvjgGgABJOCPzoARRyc8fWgAIwDigBMce
9ABkcjH40AIBn0pBYCApxTCw0EA4oAVhkcHmgAG715oARs45oATt70AOBHag

AyQRQFhc5OO9AChc9QcUAMZhnAyKAEJ3HPSkNEysSgwQKxkbxE2k9ST9akqw
uMDpSAX60AIT7UwDNGoCbh3NACZHakMTLdhQIMOTQAbD3zQAbAOtMBRgdBmg
AySeFoAOfpSATHvzTAMDsKQBzQAYPrTAMCizAOO1FhBn0FABz9KADFACbaQB
g0wE/GgA4oAQn2pAIXCkdqqKuJkbPhhjpXRY5x4ILYFFgGkkNQDFzz9aABSC
5J6dqAFOOvSgAxtO7IouAuVHQ5PegBNwO0Y69/SiwCtgHcOcUABYhgQeD1oA
Cc/dGPX3oAT72FHWgBQu1vagAyCee9AWAk8qDxSC9gU4PNMBwGQSf0oCwAZH
HFIBHz+VMBcAAH1oACfQUAL/AA4HH1oAUZB54GOtACg8c8UAIckA0AOI9O9A
CYBHBIPpQA4lcdCKAGoefmGKAFwScgDFAWBVyaAAgg0AGcLycUADDKZHPtQA
IwHHSgBcgnAHWgBMANg0ALjmgAwD0OaAAnafSgBA396gBcKfU0AIRtTAHU9a
AFVSOvSgBGUtyMD3oAAQDyM0AOUZzk4HYUAIR81AC4BOGFACfdPXIoAMoWBX
t2NADgVKtggE9qAEGOmMUAOBIIXPHvQAEgDAGKAsNUDf6UBYUZBPpQANtIzQ
AE4GKAEABGOPpQFgwOnegAByQueR2oAdsII5oAVuRgY/CgBqkfdxmgABwSMU
AAK7hgcUgF/A4pgGDzhQaABOnSgAI546elAAMDjFAAwOODgehoAQHkcg/SgB
xwelACY4O0dO9ACEFccdaABeuf0oAX68igBxXYOowemDQA0YUYPOe5oAARjI
pAA5HApgIAFNACgjPTigBAck96AEyOc/hQAqqOvegBCcGgLCjLN3AHcUABOG
yfwNACEEc0AIM46YFAAMsckjigAIyOKAAdM0AAy3J6UAO4BB6ilcLB83WmAH
aD7mgA7cH6YoAAOOcGgBp5OSaAF5BHpQAnQ+1ACsBjPY0AAAoAUDB5oAaRn/
AOtQA7IC4AzQA0jH1oAQkuR1BFAA4INACqxORigBrHvQAZJ4xQAuMDp/9agB
NobvmgBoAAI79qAsKBkDFAWHE84oARgM4xQAh5xjjFAWGqSDQAuc84oAAT6U
AHzD2pAJgk0wHBRnGOlADk+6cdQaxmjeAv4iszQQketFhBu9ATTAPnPYAUAB
Unrk/SgACKOuKAF+UUAJknoKADnHLAewoAbwD96gB2AOg/OgA5oAME96ADbS
C4YFMQZA4xQAUDDGaBBgUAJgCgAyO5oATigAJPYUgEwaYBjnrRqAhAoAQkCg
AJyKAInyegrREyHMBgDFaGIKFxmmxWELAdqLAKMYosAKBkkdKAFbBGKAFGBi
gBFbGWxgmgBcZQjt60BYAenHA/WgAK7uQOnagBVIzgj8qAEZcHcDSAdlQPWm
A0YBJPGelAA2ABjqeooANuccYoAcpIPSgAJxQAmCeT+NADydwA7CgBrNucBV
wO9ACgDfg80AKTt4PP8ASgBwAOM/lQAE4HTigBCflyO9AxcggYHTqaBCBqAH
bz3xigYhBblenpQIVemaAEY5AOOlAAwB6fjQAqkbQVoATkkngmgAX3AzQArA
Z680ADEDAoCwhUqfrQAvA4oACTj5RzQAZK4757CgAbJAA4+lAADn5WoARsg4
oAUNgdKAA5I4BoAAcUAKTlgvH4UAIqgmgBXGH24oAAgx0wR3oAVTkc9R0oAR
kJOQaAFJOBkcCgA+8eOPagBcYzjJoAQA4yBwKABuRnFAAvJG3H0oAQgg8UAO
JDAHHIoAASRyMUACnafp60ANA5yMUAOU4zkZJoANvHFAWDcOoyDSACdv/wBa
mApBAB9aVwsDHcMYApgNV8kqfwoAUjBwTmgBSFB4FACZFIBCOMr+VAxQOcHn
2oEIeThR060wFGKAGjJ4Ax9aAHbSPpQAnX2zQA5T8uMZHrQAh4GP1oAbg7cH
qKABByBgBcEUABAJUnp3oACcDjkDpQAmQ/wBKAHqQFODj2pAJwzBfWmAoOW2+
lABhh06UAMAy3YUAPGBkEfjQAi4zg9D0NACZyMYx70rAIeCPegBwHZT+JpgB
APKnPrQAEjHHSgLCDoaAAMABxyfXtQFhS5I28DFADc54PFABjHrikAHoMHNM
AJJ6k0AKCOn60AHBOBkEUAISc5oAMkkEc0ABAzikADaPWmAHB4zQA0EAjFAB
kkkHigBoAB60AI3XigADH0oAdnPtQAE4PFACYIxikAYz0p3CwDgUAJuwCO56
UABJoAAcmgBSTSGKgLAis5msBwjA64rM0HYUDjn6UAAJPG2gBOaAEIPdsUAG
QKADr2/OgAwT34oAXaO9FgEwBSsAZHoaYC5PYUCEOeKADGaADFAB9KADI+tG
gBzQAc96AExjvQAHFACZFABn2oGIc0CE5oAQ0DDikAE0CGse1WgaGk8Vsc1g
xge1ACLx1GaYD8g0AAKgHmgA3Dbx2oADnFAAACeTx6UAKABkZoAQkAc0ALlt
u0ce9AASAme+OlACBuPegBDyO9ACucAUBcUjoV6jvQFhysAcE5zQAhPoRz2o
AQdeT+FAWDd2HU0AGCg/nQA7OTwpoAUN1z1zxQAvDY9e9AAWwwA7UAAHOSDQ
AZDZBoAQkZAB49KAHqBmgAwQSP1oAB04OKAEOWGd3AoAFwRg0AKcbMZoAULx
hRwKAEHIoACBjHU0ALgYGevpQMDwMj8qBCL0z19qAAjA96AF3KOOcmgBGAU7
h37UACnK56GgBSRwOhFAWEJG/kcUALgZJGAPSgLAznsOKAAEY6cetAA4KkNj
8aAYde/5UAKTk4NACsc9SR70ANODgAdKAFGR1FACA4+npQAqgrlh0NACk8Z9

aABScHnFAXEByvSgABUEcHPrQMXvmgQpwOQetAB936UAJkDpyfegYHgZIH4U
CFDBh0we1Aw3YTIoEIPwxSsAmcngHimBJgZAz1oAQEAHNAxpBzn1oELk+lAC
gDuMGgBDkZ6GgBDnggcGgAUjPI4oAAdrkdj3oAGJJwBj3oACTjHf1oARc9DQ
MUHAx0FAgUhc7T9KAEY4Tr+QoACflyMg0AKwBIb2oAQDJ5oCwcKxHFACDIHH
U0AID60AO3BR0/GgBMnqDyaAFyxHNAXEOTx6UAAOeORQArEYAHP1oAFBOR0x
QA48DHBPagAAx1NAWEBAfB4+lAWEyoBXnrQMMjGDQIM8YoAaQd3FACgZNAC7
uo7UANxgHuKAAH34oAUHLeuKAFYkEccetAxGbDHA4oECsDx0+tACDB5xj3oA
UZJwfzFADSAD7UAJjB5oAUjHegBCo2570BYRscGgBpagAAPWgAJzQA8Ngfdo
ADntQA3BHegBQM8EgUAG0Ecc0BYUH8KAGqeSMUAOi5Zhu4rOaNoD+AeBmsjQ
XJ7LimAYY+1AAFIpWAMDvRYBRt5x2piGkikMMsfu4/GmIQ5NIAANAC8/SgBM
gUALn2oATJNAWDFABwKLAGRQAc0AJz60agIcYoAMDHAoAKBhQAmRQIQn2oGJ
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&pag e=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 Klause 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 peecees
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 peecees
>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 ant thing at this point.

>
>> 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).
>
>

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> 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 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: 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> 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&pag e=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, 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?
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
>> 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 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> 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 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 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 protools 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 nooooooo!
Noooooooo!

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 pleeeeeeeease 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
>
> 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 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 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/
>>
>>
>> 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_rebell ion.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 nooooooo!
> Noooooooo!
>
> 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 pleeeeeeeease 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/Ever>>
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> wrote:
>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/
>>>
>>>
>>> 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> 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 nooooooooo!
> Noooooooooo!
>
> 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 pleeeeeeeeease 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:dlm0n41r2b5j407mb1iba8566bjp4n9rek@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:dlm0n41r2b5j407mb1iba8566bjp4n9rek@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:dlm0n41r2b5j407mb1iba8566bjp4n9rek@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
>>>>
>>>
>>
>>
>