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Subject: What I love about mixing in tandem with Cubase and Paris

Posted by [Deej \[1\]](#) on Mon, 06 Mar 2006 02:54:48 GMT

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.....sooooo.....your mix is slammin' Cubase and it's completely out of headroom. The Paris submix clip lights are lit up like a Christ mas tree when the singer pipes up and says....."man, that sounds great, but I need more level on the vocal". The engineer (being me) just grins and pushes up the fader on the Paris track. It doesn't clip.....it should, but it doesn't.

;oD

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Subject: Re: What I love about mixing in tandem with Cubase and Paris

Posted by [rick](#) on Mon, 06 Mar 2006 09:58:06 GMT

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"it should, but it doesn't." so...this is a happy post right???

;o)

On Sun, 5 Mar 2006 19:54:48 -0700, "DJ"

<animix\_spam-this-ahole\_@animas.net> wrote:

>.....sooooo.....your mix is slammin' Cubase and it's completely out of  
>headroom. The Paris submix clip lights are lit up like a Christ mas tree  
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>the fader on the Paris track. It doesn't clip.....it should, but it doesn't.

>

>;oD

>

>

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Subject: Re: What I love about mixing in tandem with Cubase and Paris

Posted by [Russ](#) on Mon, 06 Mar 2006 12:32:45 GMT

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subtle, only we know what ur on about.....

"DJ" <animix\_spam-this-ahole\_@animas.net> wrote in message  
news:440ba582\$1@linux...

> .....sooooo.....your mix is slammin' Cubase and it's completely out

> of

> headroom. The Paris submix clip lights are lit up like a Christ mas tree

> when the singer pipes up and says....."man, that sounds great, but I need

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Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [Deej \[1\]](#) on Mon, 06 Mar 2006 15:44:21 GMT  
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Well.....yeah, except for the clients who like bursts of noise in their mixes. Clipping the kick and snare can really get a nice grungy rythmic vibe going, and if properly focused through a tube out the window, and skyward, I can actually disturb the electronics in passing aircraft.

;o)

"rick" <parnell68@hotmail.com> wrote in message  
news:kp1o02prbbdof2g9u8b2pag4326jtaesrb@4ax.com...

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> >;oD

> >

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>

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Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [Jesse Skeens](#) on Tue, 07 Mar 2006 07:55:13 GMT  
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"DJ" <animix\_spam-this-ahole\_@animas.net> wrote:  
>.....sooooo.....your mix is slammin' Cubase and it's completely out  
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>headroom. The Paris submix clip lights are lit up like a Christ mas tree  
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>  
>;oD  
>  
>  
>

Channels in SX shouldn't clip either.

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---

Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [rick](#) on Tue, 07 Mar 2006 10:04:28 GMT  
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that to me is sooooooooooooo bluegrass...gotta love it.

On Mon, 6 Mar 2006 08:44:21 -0700, "DJ"  
<animix\_spam-this-ahole\_@animas.net> wrote:

>Well.....yeah, except for the clients who like bursts of noise in their  
>mixes. Clipping the kick and snare can really get a nice grungy rythmic vibe  
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>> >;oD  
>> >  
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Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [Deej \[1\]](#) on Tue, 07 Mar 2006 12:34:23 GMT  
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---

It's only bluegrass in these parts if you are using the same tube to try to bring down aircraft with bursts of noise and as a means of shotgunning a huge reefer when not in anti-aircraft mode. It's hard to believe that people who are so loaded on ganja can move their fingers so fast.

;oP

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Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [chuck duffy](#) on Tue, 07 Mar 2006 22:16:16 GMT  
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---

Then there's something wrong with every cubase sx setup I have ever used.  
If I make the clip light come on any individual channel by raising the fader too high, I get nasty digital distortion every time.

Chuck

"Jesse Skeens" <[jskeens@gmail.com](mailto:jskeens@gmail.com)> wrote:

>  
>"DJ" <[animix\\_spam-this-ahole\\_@animas.net](mailto:animix_spam-this-ahole_@animas.net)> wrote:  
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>>  
>>  
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>Channels in SX shouldn't clip either.  
>

---

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Subject: Re: What I love about mixing in tandem with Cubase and Paris

Posted by [Kim](#) on Wed, 08 Mar 2006 00:39:56 GMT

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I believe that's not the actual channel, but the summing bus clipping. The channels are 32 bit floating point, hence effectively unclippable. The summing bus isn't, hence if you feed a channel with the clip light on into the summing bus, the summing bus clips at the input stage. Hence on normal Cubase systems, whenever a channel clips you hear clipping, but it's not the channel itself that clips. It's the moment the channel outputs to the summing bus.

What I don't understand is why doesn't DeeJ get the same clipping happening when the floating point Cubase channels output to the ADAT? Seems to me that the linear ADATs should suffer from the same issue as the Cubase summing bus.

Cheers,  
Kim.

"c@c.com" <c@c.com> wrote:

>

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>

>Chuck

>

>"Jesse Skeens" <jskeens@gmail.com> wrote:

>>

>>"DJ" <animix\_spam-this-ahole\_@animas.net> wrote:

>>>.....soooooo.....your mix is slammin' Cubase and it's completely out

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>>>headroom. The Paris submix clip lights are lit up like a Christ mas tree

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>>>;oD

>>>

>>>

>>>

>>

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>

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Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [chuck duffy](#) on Wed, 08 Mar 2006 02:36:46 GMT  
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---

Is this the summing bus equivalent of if a tree falls in the forest does it make a sound?

"Kim" <[hidde@sounds.com](mailto:hidde@sounds.com)> wrote:

>  
>  
>I beleive that's not the actual channel, but the summing bus clipping. The  
>channels are 32 bit floating point, hence effectively unclippable. The summing  
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>  
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>

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Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [Kim](#) on Wed, 08 Mar 2006 03:25:33 GMT  
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---

Well that depends, is it a 32 bit floating point forest? ;o)

Cheers,  
Kim.

"c@c.com" <c@c.com> wrote:

>  
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>  
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```

>>
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Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [rick](#) on Wed, 08 Mar 2006 09:30:27 GMT  
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---

hehehe...guess i better return to greener pastures cuz me be slow. on  
an other note my wife, myself and friends have decided it's time to  
bring back the phrase "blow me". it's been totally under utilized for  
far too long.

On Tue, 7 Mar 2006 05:34:23 -0700, "DJ"  
<animix\_spam-this-ahole\_@animas.net> wrote:

>It's only bluegrass in these parts if you are using the same tube to try to  
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Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [Deej \[1\]](#) on Wed, 08 Mar 2006 14:57:07 GMT  
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---

Blow me????.....Yeh.....it's time for the \*blow me\* renaissance.

"rick" <parnell68@hotmail.com> wrote in message  
news:ps8t025uu7g4r2kt3b6hslmbjfh701tf2a@4ax.com...

> hehehe...guess i better return to greener pastures cuz me be slow. on  
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Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [Deej \[1\]](#) on Wed, 08 Mar 2006 15:00:34 GMT  
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I can definitely clip the track if I'm looping it through an insert to/from  
an external processor, so I would say you are correct sir.

;o)

"Neil" <OIUOIU@OIU.com> wrote in message news:440ee8eb\$1@linux...  
>

> Yes, "in principle" 32-bit float shouldn't clip, but  
> SOMETHING's clipping in there... maybe what Chuck and I are  
> hearing is the convertors clipping at the output stage? Dunno.  
> I can't say as I'm hearing the summing buss clipping on input,  
> otherwise once you started feeding a handful of channels to it,  
> it would clip all the time, right?  
>  
> I dunno, I seem to be able to get SX to clip, even when I've  
> got a brickwall limiter strapped across the 2-buss... you still  
> have to kind of watch it, as it were, because even under those  
> circumstances, if you push it too hard, you can hear it get a  
> bit murky/unclear/distorted - I'm not talking about those  
> harsh "digital overs" like snaps & dropouts, but it's  
> something that's not very pretty... not a good type of  
> distortion.  
>  
> You just have to be careful, is all - it's not a big deal, the  
> easiest way to deal with it that I've found is each time after  
> you add/record a track, simply bring that channel down to -6 db  
> & that way you've got some headroom everywhere to raise a few  
> things up if needed, and obviously, plenty of room to go down,  
> as well.  
>  
> Deej is taking individual channels & groups out of SX & into  
> Paris via lightpipe, so maybe that's part of the difference.  
>  
> Neil  
>  
>  
> "Kim" <hiddensounds@hotmail.com> wrote:  
> >  
> >  
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> >What I don't understand is why doesn't Deej get the same clipping  
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> >the linear ADATs should suffer from the same issue as the Cubase summing  
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Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [Neil](#) on Wed, 08 Mar 2006 15:23:39 GMT  
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---

Yes, "in principle" 32-bit float shouldn't clip, but SOMETHING's clipping in there... maybe what Chuck and I are hearing is the convertors clipping at the output stage? Dunno. I can't say as I'm hearing the summing buss clipping on input, otherwise once you started feeding a handful of channels to it, it would clip all the time, right?

I dunno, I seem to be able to get SX to clip, even when I've got a brickwall limiter strapped across the 2-buss... you still have to kind of watch it, as it were, because even under those circumstances, if you push it too hard, you can hear it get a bit murky/unclear/distorted - I'm not talking about those harsh "digital overs" like snaps & dropouts, but it's something that's not very pretty... not a good type of distortion.

You just have to be careful, is all - it's not a big deal, the easiest way to deal with it that I've found is each time after you add/record a track, simply bring that channel down to -6 db & that way you've got some headroom everywhere to raise a few things up if needed, and obviously, plenty of room to go down, as well.

Deej is taking individual channels & groups out of SX & into Paris via lightpipe, so maybe that's part of the difference.

Neil

"Kim" <hiddenounds@hotmail.com> wrote:

>  
>  
>I beleive that's not the actual channel, but the summing bus clipping. The  
>channels are 32 bit floating point, hence effectively unclippable. The summing  
>bus isn't, hence if you feed a channel with the clip light on into the summing  
>bus, the summing bus clips at the input stage. Hence on normal Cubase systems,  
>whenever a channel clips you hear clipping, but it's not the channel itself  
>that clips. It's the moment the channel outputs to the summing bus.  
>  
>What I don't understand is why doesn't DeeJ get the same clipping happening  
>when the floating point Cubase channels output to the ADAT? Seems to me  
>that  
>the linear ADATs should suffer from the same issue as the Cubase summing  
>bus.  
>  
>Cheers,  
>Kim.  
>

>"c@c.com" <c@c.com> wrote:  
>>  
>>Then there's something wrong with every cubase sx setup I have ever used.  
>> If I make the clip light come on any individual channel by raising the  
>fader  
>>too high, I get nasty digital distortion every time.  
>>  
>>Chuck  
>>  
>>"Jesse Skeens" <jskeens@gmail.com> wrote:  
>>>  
>>>"DJ" <animix\_spam-this-ahole\_@animas.net> wrote:  
>>>>.....soooooo.....your mix is slammin' Cubase and it's completely  
out  
>>>>of  
>>>>headroom. The Paris submix clip lights are lit up like a Christ mas tree  
>>>>when the singer pipes up and says....."man, that sounds great, but I  
need  
>>>>more level on the vocal". The engineer (being me) just grins and pushes  
>>>>up  
>>>>the fader on the Paris track. It doesn't clip.....it should, but it doesn't.  
>>>>  
>>>>;oD  
>>>>  
>>>>  
>>>>  
>>>>  
>>>  
>>>Channels in SX shouldn't clip either.  
>>>  
>>  
>

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Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [chuck duffy](#) on Thu, 09 Mar 2006 03:02:08 GMT  
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---

Huh? I've been using that as my catchphrase for the last 20 or so

"DJ" <animix\_spam-this-ahole\_@animas.net> wrote:  
>Blow me????.....Yeh.....it's time for the \*blow me\* renaissance.  
>  
>"rick" <parnell68@hotmail.com> wrote in message  
>news:ps8t025uu7g4r2kt3b6hslmbjfh701tf2a@4ax.com...  
>> hehehe...guess i better return to greener pastures cuz me be slow. on  
>> an other note my wife, myself and friends have decided it's time to  
>> bring back the phrase "blow me". it's been totally under utilized for



>> far too long.  
>>  
>> On Tue, 7 Mar 2006 05:34:23 -0700, "DJ"  
>> <animix\_spam-this-ahole\_@animas.net> wrote:  
>>  
>> >It's only bluegrass in these parts if you are using the same tube to  
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>to  
>> >bring down aircraft with bursts of noise and as a means of shotgunning  
>a  
>> >huge reefer when not in antiaircraft mode. It's hard to believe that  
>people  
>> >who are so loaded on ganja can move their fingers so fast.  
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>> >> that to me is sooooooooooooo bluegrass...gotta love it.  
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>> >> On Mon, 6 Mar 2006 08:44:21 -0700, "DJ"  
>> >> <animix\_spam-this-ahole\_@animas.net> wrote:  
>> >>  
>> >> >Well.....yeah, except for the clients who like bursts of noise  
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>> >> >mixes. Clipping the kick and snare can really get a nice grungy  
>rythmic  
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>> >> >going, and if properly focused through a tube out the window, and  
>> >skyward, I  
>> >> >can actually disturb the electronics in passing aircraft.  
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>> >> >> "it should, but it doesn't." so...this is a happy post right???  
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>> >> >>  
>> >> >> On Sun, 5 Mar 2006 19:54:48 -0700, "DJ"  
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>> >> >> >.....soooooo.....your mix is slammin' Cubase and it's  
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Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [Jesse Skeens](#) on Thu, 09 Mar 2006 08:49:39 GMT  
[View Forum Message](#) <> [Reply to Message](#)

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"Neil" <OIUOIU@OIU.com> wrote:

>  
>>Yes, "in principle" 32-bit float shouldn't clip, but  
>>SOMETHING's clipping in there... maybe what Chuck and I are  
>>hearing is the convertors clipping at the output stage? Dunno.  
>>I can't say as I'm hearing the summing buss clipping on input,  
>>otherwise once you started feeding a handful of channels to it,  
>>it would clip all the time, right?

Not having probs with clipping here at all, unless its at the stereo buss  
level going to converters.

---

---

Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [rick](#) on Thu, 09 Mar 2006 09:42:53 GMT

---

yeah, but we're now the new hepsters on the block while you've been passe for the last 20...

;o)

On 9 Mar 2006 13:02:08 +1000, "chuck" <c@c.com> wrote:

>

>Huh? I've been using that as my catchphrase for the last 20 or so

>

>

>"DJ" <animix\_spam-this-ahole\_@animas.net> wrote:

>>Blow me????.....Yeh.....it's time for the \*blow me\* renaissance.

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>>"rick" <parnell68@hotmail.com> wrote in message

>>news:ps8t025uu7g4r2kt3b6hslmbjfh701tf2a@4ax.com...

>>> hehehe...guess i better return to greener pastures cuz me be slow. on

>>> an other note my wife, myself and friends have decided it's time to

>>> bring back the phrase "blow me". it's been totally under utilized for

>>> far too long.

>>>

>>> On Tue, 7 Mar 2006 05:34:23 -0700, "DJ"

>>> <animix\_spam-this-ahole\_@animas.net> wrote:

>>>

>>> >It's only bluegrass in these parts if you are using the same tube to

>try

>>to

>>> >bring down aircraft with bursts of noise and as a means of shotgunning

>a

>>> >huge reefer when not in antiaircraft mode. It's hard to believe that

>>people

>>> >who are so loaded on ganja can move their fingers so fast.

>>> >

>>> >;oP

>>> >

>>> >

>>> >"rick" <parnell68@hotmail.com> wrote in message

>>> >news:kimq02hia2e2spua8nda8a3mnav3oqosrf@4ax.com...

>>> >> that to me is sooooooooooooo bluegrass...gotta love it.

>>> >>

>>> >> On Mon, 6 Mar 2006 08:44:21 -0700, "DJ"

>>> >> <animix\_spam-this-ahole\_@animas.net> wrote:

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>>> >> >Well.....yeah, except for the clients who like bursts of noise

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>>> >> >mixes. Clipping the kick and snare can really get a nice grungy

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>>> >> >going, and if properly focused through a tube out the window, and  
>>> >skyward, I  
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Subject: Re: What I love about mixing in tandem with Cubase and Paris

Posted by [Kim](#) on Thu, 09 Mar 2006 10:58:12 GMT

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---

LOL!! Hehe... nice.

rick <parnell68@hotmail.com> wrote:

>yeah, but we're now the new hepsters on the block while you've been  
>passe for the last 20...

>

>;o)

>

>On 9 Mar 2006 13:02:08 +1000, "chuck" <c@c.com> wrote:

>

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Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [rick](#) on Fri, 10 Mar 2006 09:43:00 GMT  
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---

eat me. ;o)

On 9 Mar 2006 13:02:08 +1000, "chuck" <c@c.com> wrote:

>  
>Huh? I've been using that as my catchphrase for the last 20 or so  
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Subject: Re: What I love about mixing in tandem with Cubase and Paris  
Posted by [rick](#) on Fri, 10 Mar 2006 09:46:28 GMT  
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i forgot to get the new headers before posting and thought it just didn't show up here. soooooo the eat me was for chucky boy....oops.

On 9 Mar 2006 20:58:12 +1000, "Kim" <[hidde@sounds@hotmail.com](mailto:hidde@sounds@hotmail.com)> wrote:

>  
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>LOL!! Hehe... nice.  
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