

Re: Why do we have LOS, when we have all these TDRSes?

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- *From:* "Mike Ross" <[mike\\_1\\_ross@xxxxxxxxxxxxxx](mailto:mike_1_ross@xxxxxxxxxxxxxx)>
  - *Date:* Thu, 14 Sep 2006 22:13:18 GMT
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"Steen" <[virker@xxxxxxxxxxxxxx](mailto:virker@xxxxxxxxxxxxxx)> wrote in message  
[news:45095ce3\\$0\\$75028\\$14726298@xxxxxxxxxxxxxxxxxxxxxx](news:45095ce3$0$75028$14726298@xxxxxxxxxxxxxxxxxxxxxx)

Just minutes ago, I heard Capcom mention that the ISS was going into an LOS, and that they would resume their conversation, once they were out of the LOS.

As far as I can see, there are 10 TDRS satellites distributed fairly evenly, so that there should be no LOSes.

Why are they still talking about LOSes?

/steen

The main reason is we have to fly at 51.6 deg inclination to accommodate the Russians. Back when we were going to do a 28 deg orbit (Space Station Freedom), we would have had full-time views of one or more TDRSs. That 51.6 causes us all kinds of problems, from comm to thermal.

Mike Ross

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