

From: Carl Huie
To: "nathaniel.t.horton@boeing.com".mig_api.MIGRATE1
Date: 12/16/02 3:05PM
Subject: RE: Freq Coordination for 0401-EX-ST-2002



No need. Will review amendments and advise.

>>> Horton, Nathaniel T 12/16/02 02:47PM >>>
Carl,

STA 0401-EX-ST-2002 has been amended to reflect the power level changes, cited below, and to correct the height of the antenna above sea level -- the antenna is mounted on our launch vehicle. Can I fax you a drawing of the launch vehicle on our launch platform which shows the antenna location? This attachment to the STA was requested on the web site.

Nathan

-----Original Message-----

From: Horton, Nathaniel T
Sent: Wednesday, December 11, 2002 2:50 PM
To: 'Carl Huie'
Subject: RE: Freq Coordination for 0401-EX-ST-2002

Carl,

Thanks for your response. Those power levels (4 W and 1 W) for STA #0401-EX-ST-2002 are incorrect. The correct power levels are:

4198.5 MHz -- 250 mW (EIRP)
4199.5 MHz -- 250 mW (EIRP)
5926.75 MHz -- 50 mW (EIRP)
6420.75 MHz -- 50 mW (EIRP)

Please re-evaluate the need for frequency coordination based on these power levels. I will amend the STA application as soon as I can gain access to the web site (right now my computer is having trouble accessing the site). Sorry for the confusion.

Nathan

-----Original Message-----

From: Carl Huie [<mailto:CHUIE@fcc.gov>]
Sent: Wednesday, December 11, 2002 9:19 AM
To: Horton, Nathaniel T
Subject: Re: Freq Coordination for 0401-EX-ST-2002

These are operations in commercial satellite bands and we must be assured of no potential interference. Power level is subjective and 1 mW EIRP would not require coordination in my opinion: Your application asked for 4 & 1 watts outdoors, which could cause interference, depending on location of satellite dish. (202) 418-2430

>>> Horton, Nathaniel T 12/11/02 11:48AM >>>

Carl,

You requested that we get frequency coordination in support of our application for STA 0401-EX-ST-2002 (filed mid-November). Can you explain to me why frequency coordination was requested in this case? Also, does the need for frequency coordination depend on transmit power level; for example, if our transmit power was 0.01 W EIRP or 1 mW EIRP, would frequency coordination be needed?

Thanks,

Nathan

Nathan Horton
Sea Launch EMC
(253) 773-3079

CC: "william.g.gjertson@boeing.com".mig_api.MIGRATE1