

MessageFrom: Zappala, Chuck [Chuck.Zappala@boeing.com]
Sent: Thursday, January 08, 2004 4:58 PM
To: Towanda Bryant
Subject: FW: E010045

Importance: High

Greetings,

Please find below copies of internal correspondence that address your questions for items 2 and 3 in your fax. I trust this will be acceptable to correct the modification of this license. As for your last question for the site contact, I am resending the request back to our regional specialist in California. I hope to have a response for you shortly that will complete all of your requests.

Thank you,
Chuck Zappala
FCC Licensing Specialist
The Boeing Company
Frequency Management Services
South Park Complex Bldg 15-01.1
Seattle, WA
P.O. Box 3707 MC: 2T-22
Seattle, WA 98124-2207
206-544-6580 Office
206-544-6592 Fax
866-248-1493 Toll Free

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

From: Olson, James M
Sent: Thursday, January 08, 2004 12:45 PM
To: Zappala, Chuck
Subject: FW: E010045

Chuck,

Hopefully this will take care of the questions.

Jim

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

From: Nichols, Geoffrey G
Sent: Thursday, January 08, 2004 11:06 AM
To: Chew, Lester A
Cc: Olson, James M; Zappala, Chuck
Subject: RE: E010045

Lester

Per item 2 the new azimuth limits from Huntington Beach for satellite longtudes of 60 to 140 are 109.1 to 216.0.

Per item 3. We already have a special provision in the license see 5208 in Section H.

"The licensee shall take extraordinary measures to ensure that the antenna does not create a potential for

harmful non-ionizing radiation to persons who may be within the immediate vicinity since this earth

station exceeds the radiation hazard level of 5 mW/cm². This shall include but not be limited to roping

off an area or establishing a physical barrier within a radius of at least 20 feet surrounding the antenna or

the trailer on which it is mounted. During actual transmissions, warning signs shall be posted informing"

Does this special provision transfer with the license and should it not take care of the FCC's concern.

Geoff

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

From: Chew, Lester A
Sent: Thu 1/8/2004 10:01 AM
To: Nichols, Geoffrey G
Cc:
Subject: FW: E010045

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

From: Olson, James M
Sent: Thursday, January 08, 2004 9:40 AM
To: Chew, Lester A
Subject: FW: E010045
Importance: High

Lester,

Here are the questions we received from the FCC. It is probably better to send them to you direct rather to try and go over them on the phone, however if you have any questions please call me or come see me on the third floor here in Bldg 80 or I would be glad to come up and see you on the 5th floor. This will require some calculations which I am not capable of doing and I hope you can do. Do you have a copy of the existing license? I am sure you will need that and the coordinates at Huntington Beach to do the calculations. Let me know and I could bring those up to you also.

Jim Olson

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

From: Zappala, Chuck
Sent: Wednesday, January 07, 2004 12:42 PM
To: Olson, James M
Cc: Miller, Rex D
Subject: E010045
Importance: High

Jim,

I received a fax today from Towanda Bryant at the Satellite Division. We seem to have some problems with the modification.

1. Appears they didn't get the felony letter, even though my records show that it was attached.

2. Looks like they have a computerized check of the azimuth angles from the old location to the new location. Four angles are in error by more than 0.5 degrees. This information is in section C of the license. The values are the azimuth east limit and west limit for each of the two frequency band limits. The elevation angles are off by less than 0.5 degrees and are good enough.

3. The safe RF radiation limit of 5.0 mW/cm^2 is exceeded by this facility.

Item 1 - I can fix. Item 2 and 3 - will require an engineering study (calculations) to determine the values and then I can submit. Can the client make these calculations or do we need to get ComSearch involved? \$\$\$

Chuck z