

To: Linda Jacobsen
E-Mail: linda@aprizesat.com
From: Anthony Serafini
Date: June 21, 2013

Subject:

Message:

NTIA is requesting antenna information. Please respond.

NTIA 05717 ... ADD XAD ANT INFO

d. SPACE Stations: The following formatting instructions apply to both Space and Terrestrial stations (including experimental stations) using Space station techniques:

(1) This field provides room for the details of up to three antennas per Space station. If the station uses more than three antennas for the requested frequency, provide data for the three most frequently used antennas.

(2) Use characters one through seven for the details of the first antenna.

Enter:

(a) GAIN

Insert in the first two characters a two digit number representing the gain of the antenna in the direction of maximum radiation. Insert a zero in the first character if the gain is less than ten. Enter the letter G in character 3. For a negative gain, insert XXG and give the value in the CIRCUIT REMARKS *SGN field.

(b) BEAMWIDTH

Beginning with character four, insert a three digit number representing the antenna beamwidth (degrees) at the half power points. Use all three spaces, inserting leading zeros as necessary. Insert the letter B in space seven. For a beamwidth requiring more than three spaces, insert XXXB and give the value in the CIRCUIT REMARKS *SBW field.

Examples

XAD01 08G150B
XAD01 36G2.1B
XAD01 XXG125B
XAD01 20GXXXB

(3) If the assignment involves the use of a second antenna:

(a) Insert a slant bar in character eight; and,
(b) Use characters nine through fifteen for the details as specified in paragraph 29.d.(2)(a) and (b).

Example

XAD01 30G016B/30G0.1B

(4) If the assignment involves the use of a third antenna:

(a) Insert a slant bar in character sixteen; and,

(b) Use characters seventeen through twenty three for the details of the third antenna as specified in paragraph 29.d.(2) (a) and (b).

Example XAD01 30G016B/30G0.1B/20G.25B

(5)

Leave character twenty four blank.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of June 21, 2013 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

DO NOT Reply to this email by using the 'Reply' button. In order for your response to be processed expeditiously, you must upload your response via the Internet at <https://gulfoss2.fcc.gov/prod/oet/cf/els/index.cfm> by clicking on the "Reply to Correspondence" hyperlink.

Responses to this correspondence must contain the Reference number : 20627