



Federal Communications Commission  
Washington, D.C. 20554

In reply, please reference:  
Call Sign E020083  
File Number: SESLIC2002032600479

December 12, 2003

Brian Mitchell  
BJ SERVICES COMPANY, U.S.A.  
Armer Communications  
315 SOUTH BRACKEN LANE  
CHANDLER, AZ, 85224  
USA

Dear Mr. Mitchell,

We are modifying and reissuing our earlier request for additional information, as follows:

In order to complete the review of your application for operation on vessels in the Ku Band we require the following information within 30 days of the date of this letter. Failure to do so may result in dismissal of the application:

Points of Communication

Identification of specific points of communication by satellite name and by orbital location. Any number of points of communication may be identified. Use of ALSAT is not acceptable for the type of operation for which you are seeking authorization.

Pointing Accuracy

A statement attesting that the maximum pointing error is within 0.2 degrees, under all operating conditions, with supporting data.

Muting

Please clarify that emissions will cease if a correction of more than 0.5 degrees in the pointing direction of the antenna is required to maintain lock on the satellite. You should respond to this question by preparing an engineering showing that provides compelling evidence that the antenna tracking, pointing and control system will cause transmissions to cease if pointing error exceeds 0.50 degrees and not resume until pointing error is within 0.20 degrees.

Affidavits

Please either:

Provide an affidavit or declaration from the operator of each satellite adjacent to and within six degrees of the points of communication identified by the applicant, attesting or

declaring that each such operator is aware of and acknowledges the applicant's proposed operation in the Ku Band, and does not object to that operation.

or take the following actions:

1. Prepare an interference analysis for the earth stations and the antennas for which you are seeking authorization that shows that the proposed operations are compatible with adjacent satellite operations, and serve a copy of this analysis on operators of potentially affected satellites adjacent to and within six degrees of the satellite providing space segment services to the ESV applicant, *under cover of a notice*;
2. In the cover notice, notify potentially affected adjacent operators of your understanding that your proposed operation will be consistent with the satellite system coordination agreements between your segment provider and such adjacent satellite operators;
3. In the cover notice, clearly notify the recipient that the recipient's failure to reply within 30 calendar days from the date of notice will be construed as assent to the grant of the applicant's ESV earth station application;
4. File the correspondence prepared in accord with 1-3 above as a supplement to the application already on file, so that the Commission may place the supplement filing on public notice for a period of 30 days.

24 Hour Contact

The name and telephone number of a contact person in the United States, available seven days a week, twenty-four hours a day, for cessation of emissions from suspected source of interference in the event of need to resolve interference issues, on direction from authority with jurisdiction for licensing in the area of operation.

Subject to Outcome of Rule Making

Acknowledgement that any license will be subject to the outcome of any Rule Making.

We note that applicant has petitioned for appropriate waiver of 2.106 for non-conforming use of FSS frequency bands for an ESV application.

Please file your response, in accord with Part 1 of the Commission's rules, with Marlene H. Dortch, Secretary, Federal Communications Commission, 445 12th Street, S.W., Washington, DC 20554 and copy me.

Sincerely,



Wm Howden, Chief, Systems Analysis Branch, Satellite Division