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June 7, 2000

JUN 12 2000

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
The Portals
445 Twelfth Street, SW
TW-A325 (Twelfth Street Lobby)
Washington, DC 20554

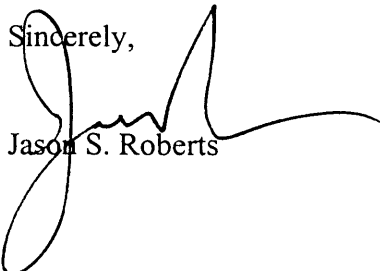
**Re: Application of Globecomm Systems, Inc.
Modification of Earth Station E990402
File No. SES-MOD-20000420-00658
Mail Stop Code: 0800b1**

Dear Ms. Salas:

Globecomm Systems, Inc. ("Globecomm"), licensee of earth station E990402, Hauppauge, New York, and pursuant to a request from the Commission staff issued by letter dated May 16, 2000, hereby amends the above-referenced modification application as filed on FCC Form 312. A copy of this letter is attached hereto for the Commission's convenience. In this application Globecomm requested authority to add the Hispasat C-1 satellite as a point of communications for E990402, and to also correct the information on file concerning the local longitude and antenna model for the earth station.

By this amendment, Globecomm is submitting a revised Form 312, Schedule B, attached hereto, incorporating changes requested by the staff. In addition, information is provided herein concerning Hispasat C-1's compliance with the Commission's rules set forth under *Disco II Order*.

Please associate this information with the above-referenced filing, which remains pending before the Commission. If there are any questions regarding this matter, please contact the undersigned.

Sincerely,

Jason S. Roberts

cc: Gerry Johnston, Sr.
Sylvia Lam, FCC

10950
(Hispasat File)

FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

May 16, 2000

In Reply Refer To:

Call Sign: E990402

File No.: SES-MOD-20000420-00658

Mail stop code: 0800b1

Mr. Jason S. Robert
Attorney for Globecom Systems, Inc.
IRWIN, Campbell & Tanneneald, P.C.
1730 Rhode Island Ave., N.W.
Suite 200
Washington, D.C. 20036-3101

Re: Application of Globecom Systems, Inc. to operate its existing 9.0 and 9.3 meters antennas Ku-band fixed earth station at Hauppauge, NY.

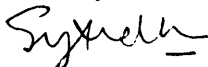
Dear Mr. Robert:

An examination of the above-referenced application discloses that additional information is necessary before processing may continue. We request that Globecom Systems, Inc. provide the following information:

1. Please provide the information regarding the Hispasat C-1 @ 30 W.L. as required in paragraphs 190 and 191 of the Report and Order, Non-U.S. Licensed Satellites Providing Domestic and International Service in the United States, 12 FCC Rcd 24094 (released November 26, 1997) (DISCO II Order). Also see Public Notice, Report No. SPB-1400 released on October 28, 1998. Please submit the technical information about the Hispasat C-1, if the coordination between the United States and Brazil regarding the Hispasat C-1 has not been completed.
2. Please correct the maximum antenna height above mean sea level for the 9.0 and 9.3 meters antennas in item B5 (d), Schedule B, FCC Form 312.
3. Please reduce the power and correct the EIRP and EIRP density of emission 36M0G7W for the 9.3-meter (AOT-10). The EIRP exceeded the maximum aggregate output EIRP for all carriers (85.7 dBW).
4. If the frequency band 13.75 – 14 GHz will be used to communicate with Hispasat C-1, please limit the satellite arc to reflect the orbital location of Hispasat C-1 only, and correct items B6 (c, d, e, f, g, h, I).

Please feel free to contact me on any questions you may have at (202) 418-0742. The requested information should be supplied as an amendment to the above referenced application, signed by the applicant. If the Commission within 30 days of this letter does not receive the amendment, your application will be dismissed without prejudice as defective and your filing fee will be forfeited.

Sincerely,



Sylvia T. Lam
Engineer, Satellite Engineering Branch
Satellite and Radiocommunication Division
International Bureau

Globecomm Systems, Inc.
Earth Station E990402
File No. SES-MOD-20000420-00658

ADDITIONAL INFORMATION REGARDING HISPASAT C-1 @ 30 W.L.

Hispasat C-1 is an operating space station which provides space segment for the provision of domestic and international services operating in FSS frequency bands. The satellite operates from 30 degrees west using the 13.75 to 15 GHz (uplink) and 11.95 - 12.2 GHz (downlink) bands in region 2 of the ITU. Hispasat C-1 has a simple shaped beam over North America covering at 30 degrees west the area from north of Canada to the south of Argentina.

Representatives of Hispasat have notified Globecomm that Brazil and the United States successfully completed frequency coordination for Hispasat C-1 in May 1998 (under the title of Hispasat-2C3 KU). See ITU, Radiocommunication Bureau, File No. AR11/C/2702. Therefore, Globecomm's use of Hispasat C-1 as a point of communication fully complies with the Commission's rules set forth in *Non-U.S. Licensed Satellites Providing Domestic and International Service in the United States*, 12 FCC Rcd 24094, at paras. 190-91 (1997) (*Disco II Report and Order*).

FCC 312 Schedule B **FEDERAL COMMUNICATIONS COMMISSION**

Page 1: Location

APPLICATION FOR SATELLITE SPACE AND EARTH STATION

AUTHORIZATIONS (Technical and Operational Description) (Place an "X" in one of the blocks below)

License of New Station	Registration of new Domestic Station	Amendment to a Pending Application	Modification of License/Registration	Notification of Minor Modification	Receive-Only Station
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B1. Location of Earth Station Site. If temporary-fixed, mobile, or VSAT remote facility, specify area of operation and point of contact. If VSAT hub station, give its location
 For VSAT networks attach individual Schedule B, Page 1 sheets for each hub station and each remote station. Individually provide the Location, Points of Communications, and Destination Points for each hub and remote station.

B1a. Station Call Sign (631)-231-9800 X 1279	B1b. Site identifier (HUB, REMOTE1, etc.)	B1c. Telephone Number
Coordinates are:		
B1d. Mailing Street Address of Station or Area of Operation Gerry Johnston Sr 14' 17.8 W	45 Oser Avenue NAD-27 NAD-83	B1e. Name of Contact Person Lat. 40° 48' 54.1 N Lon. 73°
B1f. City Hauppauge NY	B1g. County Suffolk B1i. Zip Code 11788-3816	B1h. State B1l. Site
Elevation (AMSL) 33.5 Meters		

B2. Points of Communications: List the names and orbit locations of all satellites with which this earth station will communicate. The entry "ALSAT" is sufficient to identify the names and locations of all satellite facilities licensed by the U.S. All non-U.S. licensed satellites must be listed individually.

Satellite Name and Orbit Location	Satellite Name and Orbit Location
HISPASAT-1C @ 30° W.L	
ALSAT	

B3. Destination points for communications using non-U.S. licensed satellites. For each non-U.S. licensed satellite facility identified in section B2 above, specify the destination point(s) (countries) where the services will be provided by this earth station via each non-U.S. license satellite system. Use additional sheets as needed.

Satellite Name	List of Destination Points
HISPASAT-1C @ 30° W.L	Brazil, Colombia, Chile, Peru Guatemala
ALSAT	

Notes: * Provide the ANTENNA-ID from table B4 to identify the antenna to which each frequency band and orbital arc range is associated.
 **If operating with geostationary satellites, give the orbital arc limits and the associated elevation and azimuth angles. If operating with non-geostationary satellites, give the notation "NON-GEO" for the satellite arc and give the minimum operational elevation angle and the maximum azimuth angle range.

4: Particulars

APPLICATION FOR SATELLITE SPACE AND EARTH STATION
 AUTHORIZATIONS FCC Form 312 - Schedule B: (Technical and Operational Description)

B7. Particulars of Operation (Full particulars are required for each r.f. carrier): Use additional pages as needed.

(a) Antenna ID* Emission Designator	(b) Frequency Limits (MHz) (f) Maximum EIRP per Carrier (dBW) (h) Description of Modulation and Services	(c) T/R Mode **	(d) Antenna Polarization (H,V,L,R)	(e)	(g) Maximum EIRP Density per Carrier (dBW/4kHz)
AOT-11	13754.00 - 13790.00 Digital Data , 16QAM 7/8 FEC 45,000 kbps	T	H, V	15M4G7D	72.0 36.1
AOT-11	13794.00 - 13830.00 Digital Data , 16QAM 7/8 FEC 45,000 kbps	T	H, V	15M4G7D	72.0 36.1
AOT-11	13834.00 - 13870.00 Digital Data , 16QAM 7/8 FEC 45,000 kbps	T	H, V	15M4G7D	72.0 36.1
AOT-11	13874.00 - 13910.00 Digital Data , 16QAM 7/8 FEC 45,000 kbps	T	H, V	15M4G7D	72.0 36.1
AOT-11	11700.00 - 12200.00 Digital Data , 16QAM 7/8 FEC 45,000 kbps	R	H, V	15M4G7D	
AOT-11	13754.00 - 13790.00 Digital Data , 16QAM 3/4 FEC 45,000 kbps	T	H, V	18M0G7D	72.0 35.5
AOT-11	13794.00 - 13830.00 Digital Data , 16QAM 3/4 FEC 45,000 kbps	T	H, V	18M0G7D	72.0 35.5
AOT-11	13834.00 - 13870.00 Digital Data , 16QAM 3/4 FEC 45,000 kbps	T	H, V	18M0G7D	72.0 35.5
AOT-11	13874.00 - 13910.00 Digital Data , 16QAM 3/4 FEC 45,000 kbps	T	H, V	18M0G7D	72.0 35.5
AOT-11	11700.00 - 12200.00 Digital Data , 16QAM 3/4 FEC 45,000 kbps	R	H, V	18M0G7D	
AOT-10	14000.00 - 14500.00 Digital Data, QPSK 3/4 FEC	T	H, V	36M0G7W	85.7 46.2

Notes: * Provide the ANTENNA-ID from table B4 to identify the antenna to which each frequency band and emission is associated. For VSAT networks, include frequencies and emissions for all HUB and REMOTE units.
** Indicate whether the earth station transmits or receives in each frequency band.

5: Questions

**APPLICATION FOR SATELLITE SPACE AND EARTH STATION
AUTHORIZATIONS FCC Form 312 - Schedule B: (Technical and Operational
Description)**

If VSAT Network, provide the SITE-ID (Item B1b) of the station that B8-B13 are in response to (HUB, REMOTE1, etc.): _____

B8. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with **geostationary** satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurements? If NO, provide as an exhibit, a technical analysis showing compliance with two-degree spacing policy. **YES** **NO**

B9. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with **non-geostationary** satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurement? **YES** **NO**

B10. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point. **Remote Control Point Location: YES** **NO**

B10a. Street Address		
B10b. City	B10c. County	
B10.d. State/Country	B10e. Zip Code	
B10f. Telephone Number	B10g. Call Sign of Control	

Station (if appropriate)

B11. Is frequency coordination required? If YES, attach a frequency coordination report as an exhibit. **YES**
NO

B12. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as an exhibit. **YES** **NO**

B13. FAA Notification - (See 47 CFT Part 17 and 47 CFT Part 25.113(c)) Where FAA notification is required, have you attached a copy of a completed FCC Form 854 and/or the FAA's study regarding the potential hazard of the structure to aviation? **YES** **NO**

**FAILURE TO COMPLY WITH 47 CFT PARTS 17 AND 25 WILL RESULT IN THE
RETURN OF THIS APPLICATION**