



File: SAT-STA-20040826-00162

S2115

Date: Oct 18, 2004

Approved by OMB 3060-0678

From: Oct 25, 2004 To: April 24, 2008

Approved: M. L. Nelson Chief Satellite Engineering Branch

Date & Time Filed: Aug 26 2004 5:12:34:050PM
File Number: SAT-STA-20040826-00162
Callsign:

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
Globalstar LLC August 2004 STA Renewal

1. Applicant

Name: Globalstar LLC Phone Number: 408-933-4525
DBA Name: Fax Number: 408-933-4960
Street: 461 S. Milpitas Boulevard E-Mail: tony.navarra@globalstar.com
City: Milpitas State: CA
Country: USA Zipcode: 95035
Attention: Mr Anthony J Navarra

2. Contact

Name:	William D. Wallace	Phone Number:	202-624-2807
Company:	Crowell & Moring LLP	Fax Number:	202-628-5116
Street:	1001 Pennsylvania Avenue, N.W.	E-Mail:	wwallace@crowell.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20004 -2595
Contact Title:	Partner	Relationship:	Legal Counsel

(If your application is related to an application filed with the Commission, enter the file number below.)

3. Reference File Number SATSTA2001081000072

4a. Is a fee submitted with this application?

If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).

Governmental Entity Noncommercial educational licensee

Other (please explain):

4b. Fee Classification CXW - Space Station (Non-Geostationary)

5. Type Request

Change Station Location

Extend Expiration Date

Other

6. Temporary Orbit Location
1514 km

7. Requested Extended Expiration Date
2005-04-23 00:00:00.0

8. Description (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

Please see Attachment 1.

9. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes. Yes No

10. Name of Person Signing
Anthony J. Navarra

11. Title of Person Signing
President

12. Please supply any need attachments.

Attachment 1: Attachment 1

Attachment 2:

Attachment 3:

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT
(U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION
(U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

Renewal of Special Temporary Authority

Globalstar LLC, licensee of the Globalstar™ 1.6/2.4 Mobile-Satellite Service ("MSS") system (Call Sign S2115),¹ requests renewal of the special temporary authority ("STA") granted on September 27, 2001 to former licensee L/Q Licensee, Inc. ("LQL"), to raise two satellites in its operational constellation to a "graveyard orbit" of 1514 kilometers.²

As explained in the original STA request (File No. SAT-STA-20010810-00072), LQL sought authority to move two of the system's in-orbit spares into the constellation to replace two satellites that failed (Flight Model 2 and Flight Model 14). The graveyard orbit for the two failed satellites was planned at 100 kilometers above the operational orbit of 1414 kilometers. The reasons for selecting this plan for the satellites in the Globalstar constellation were detailed in the STA request.

During the fourth quarter of 2001, Satellite Flight Models 2 and 14 were replaced with two in-orbit spares in accordance with the STA. The spares remain fully functional within the constellation.

On June 6, 2003, LQL filed an application to modify its license, *inter alia*, to specify an orbital debris mitigation plan for the entire Globalstar satellite constellation, including relocation of failed satellites to the graveyard orbit used in the STA (File No. SAT-MOD-20030606-00098). That application appeared on Public Notice on August 12, 2003 (Report No. SAT-00159); no objections or comments were filed within the time frame allotted (to September 11, 2003). After that application is granted, and unless otherwise required, Globalstar LLC will follow the guidelines specified therein for satellites that either fail or reach end-of-life in the future.

¹ The prior renewal was granted effective May 14, 2004 through October 25, 2004. Public Notice, DA No. 04-1446 (May, 21, 2004). Assignment of the Globalstar satellite license to Globalstar LLC was authorized by the International Bureau in March 2004, and consummated on April 14, 2004. See Public Notice, DA 04-628 (released March 8, 2004).

² Due to conflicting specific heights mentioned in the materials submitted for the original STA request, the September 27, 2001 letter grant states 1500 kilometers as the authorized graveyard orbit. In fact, the graveyard orbit is 100 kilometers above the operational orbit (1414 kilometers), and should be specified as 1514 kilometers.

Globalstar LLC
Attachment 1
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Accordingly, for the reasons stated in its original STA application and herein, Globalstar LLC requests continued authority to maintain Flight Models 2 and 14 at an orbit of 1514 kilometers.