

S2115 SAT-STA-20040309-00028 IB2004000533
L/Q Licensee, Inc.
Globalstar

Approved by OMB
3060-0678

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File Number: SAT-STA-20040309-00028
Callsign:

File # SAT-STA-20040309-00028

Call Sign S2115 Grant Date May 14, 2004



FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

(or Identifier) _____
Term Dates
From 4/29/2004 To: 10/25/2004
Approved: [Signature] Chief Satellite

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
March 2004 STA Renewal Request

Robert G. Nelson Engineering
Branch

1. Applicant

Name:	L/Q Licensee, Inc.	Phone Number:	408-933-4401
DBA Name:		Fax Number:	408-933-4950
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Country:	USA	Zipcode:	95134 -1950
Attention:	Mr William F Adler		

2. Contact	
Name: William D. Wallace	Phone Number: 202-624-2892
Company: Crowell & Moring LLP	Fax Number: 202-628-5116
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City: Washington	State: DC
Country: USA	Zipcode: 20004 -2595
Contact Title: Esq.	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?	
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114). <input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee <input type="radio"/> Other (please explain):	
4b. Fee Classification CXW – Space Station (Non-Geostationary)	
5. Type Request	
<input type="radio"/> Change Station Location <input checked="" type="radio"/> Extend Expiration Date <input type="radio"/> Other	
6. Temporary Orbit Location 1514 km	7. Requested Extended Expiration Date 2004-09-27 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.)		
<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 0 auto;"> Please see Attachment 1. </div>		
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. <input checked="" type="radio"/> Yes <input type="radio"/> No 		
10. Name of Person Signing Janet Yeung	11. Title of Person Signing Vice President and Assistant Secretary	
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

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

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 removed from service and replaced with two in-orbit spares in accordance with the STA. The spares are now fully functional within the constellation.

Since that time, Flight Model 38 suffered a similar anomaly, and one of the remaining two spares was moved into Flight Model 38's slot. However, subsequently Flight Model 38 was recovered, and is being drifted into a different orbital plane for communications purposes beginning in April 2004.

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). Assuming that application is granted, and unless otherwise required, LQL will follow the guidelines specified therein for satellites that either fail or reach end-of-life in the future.

¹ 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.

L/Q Licensee, Inc.

Attachment 1

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Accordingly, for the reasons stated in its original request and herein, LQL requests continued authority to maintain Flight Models 2 and 14 at an orbit of 1514 kilometers.