

E980174 SES-STA-20121203-01057 IB2012002772
EchoStar Holding Purchasing Corporation

Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:

Application for Special Temporary Authority to Operate Call Sign E980174 to Provide TT&C and Feeder Link Communications for EchoStar 8 During Relocation to, and Operations at, 76.90 W.L.

1. Applicant

Name:	EchoStar Holding Purchasing Corporation	Phone Number:	202-293-0981
DBA Name:		Fax Number:	
Street:	PO Box 2390	E-Mail:	
City:	Germantown	State:	MD
Country:	USA	Zipcode:	20875 -
Attention:	Ms Alison Minea		



30 days "with conditions"

File # SES-STA-20121203-01057

Call Sign E980174 Grant Date 01/25/2013
(or other identifier)

Term Dates
From 01/25/2013 To 03/24/2013

Approved: Paul E. Davis

Conditions of Grant

Applicant: ECHOSTAR HOLDING PURCHASING CORPORATION (EchoStar)

Call Signs: E980174, E080058, E080120, E980180

File Numbers: SES-STA-20121203-01057 ✓
SES-STA-20121203-01058
SES-STA-20121203-01060
SES-STA-20121203-01061

EchoStar is authorized, for a period of 30 days, to perform telemetry, tracking, and control (TT &C) and feeder link communications for the EchoStar 8, (Mexican licensed satellite at the 76.90° W.L. orbital location. Operations under this authorization are subject to the terms, conditions, and technical specifications set forth in EchoStar's pending application and the Federal Communications Commission's rules, and are subject to the conditions set forth below.

Conditions:

1. Operation under this grant of special temporary authority must be on an unprotected and non-harmful interference basis, *i.e.*, while operating under this temporary authority EchoStar must not cause harmful interference to, and must not claim protection from interference caused to it by, any other lawfully operating radiocommunication system. EchoStar must cease operations immediately upon notification of such interference and must immediately inform the Commission, in writing, of such an event.
2. Grant of this authorization is without prejudice to any determination that the Commission may make regarding related EchoStar pending applications.
3. Grant of this authorization is without prejudice to any enforcement action.
4. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at EchoStar's risk.
5. This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately. Petitions for reconsideration under Section 1.106 or applications for review under Sections 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within thirty days of the date of the public notice indicating that this action was taken.



File # See above

Call Sign E980174
(or other identifier)

Grant Date 1/25/2013

Term Dates

From 1/25/2013 To: 2/24/2013

Approved: Paul E. Blair

SES-STA-20121203-01057

2. Contact

Name:	Pantelis Michalopoulos	Phone Number:	202-429-6494
Company:	Step toe & Johnson LLP	Fax Number:	
Street:	1330 Connecticut Avenue NW	E-Mail:	pmichalopoulos@steptoe.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036 -
Attention:		Relationship:	Legal Counsel

(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)

3. Reference File Number or Submission ID

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 CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant Change Station Location Other

6. Requested Use Prior Date

7. City Gilbert

8. Latitude
(dd mm ss.s h) 33 21 55.3 N

9. State AZ	10. Longitude (dd mm ss.s h) 111 48 48.2 W
11. Please supply any need attachments. Attachment 1: Narrative Attachment 2: Attachment 3:	
12. 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: 5px; margin: 10px 0;">EchoStar Broadcasting Corporation requests Special Temporary Authority to operate its transmit/receive earth station to provide TT&C and feeder link communications for the EchoStar 8 satellite during relocation to, and operations at, 76.90 W.L.</div>	
13. 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	
14. Name of Person Signing Alison Minea	15. Title of Person Signing Corporate Counsel
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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Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

_____) File No. SES-MFS-2012 _____ -
) File No. SES-STA-2012 _____ -
) Call Sign E080058
)
In the Matter of) File No. SES-MFS-2012 _____ -
) File No. SES-STA-2012 _____ -
) Call Sign E980174 ✓
)
ECHOSTAR BROADCASTING CORPORATION)
Applications for Special Temporary)
Authority and Modification to Operate Four)
Transmit/Receive Earth Stations with)
EchoStar 8 at 76.90° W.L.) Call Sign E980180
)
) File No. SES-MFS-2012 _____ -
) File No. SES-STA-2012 _____ -
) Call Sign E080120
)

APPLICATIONS FOR MODIFICATION AND SPECIAL TEMPORARY AUTHORITY

By this Application, and pursuant to Sections 25.117 and 25.120(b)(4) of the Commission's rules,¹ beginning on or about December 11, 2012, EchoStar Broadcasting Corporation ("EBC" and collectively with its affiliates, "EchoStar") requests the following: (1) 30-day special temporary authority ("STA") to operate three transmit/receive earth stations (Call Signs E080058, E980174, and E980180) to provide telemetry, tracking, and control ("TT&C") and feeder link communications during the relocation of the EchoStar 8 satellite to, and operations at, a new location within the 77° W.L. orbital cluster, 76.90° W.L., and to communicate with the satellite once at its new location; (2) 30-day STA to operate one transmit/receive earth station (Call Sign E080120) to provide TT&C during the relocation of EchoStar 8 to, and operations at, 76.90° W.L.; (3) modification of its authority to operate three

¹ See 47 C.F.R. §§ 25.117, 25.120(b)(4).

transmit/receive earth stations (Call Signs E080058, E980174, and E980180) to provide TT&C and feeder link communications once EchoStar 8 has been relocated to 76.90° W.L.; and (4) modification of its authority to operate one transmit/receive earth station (Call Sign E080120) to provide TT&C communications once EchoStar 8 has been relocated to 76.90° W.L.

EchoStar plans to direct the move of the QuetzSat-1 satellite from the 61.5° W.L. orbital location to 77.05° W.L. beginning in December 2012. In anticipation of this move, EchoStar seeks to move EchoStar 6 from 76.95° W.L. to 76.80° W.L. and to move EchoStar 8 from 77.05° W.L. to 76.90° W.L.

I. BACKGROUND

The nominal 77° W.L. orbital location is allotted to Mexico under the Region 2 Broadcasting-Satellite Service plan set forth in Appendices 30 and 30A to the International Radio Regulations. In addition to the EchoStar 6 satellite, two other EchoStar Direct Broadcast Satellites (“DBS”) currently operate at the nominal 77° W.L. orbital location under Mexican authority issued to EBC’s partner, QuetzSat: EchoStar 1 and EchoStar 8. EchoStar 8 is used by EchoStar’s customers, DISH Network L.L.C. (“DISH”) and DISH Mexico, to provide DBS service in the United States and Mexico, and EchoStar 6 and EchoStar 1 provide backup to the United States and Mexico services, respectively. The U.S. service includes local-into-local programming in a number of markets in the southern United States. Currently, EchoStar 8 at 77° W.L., as backed up by EchoStar 1 and EchoStar 6, provides sufficient capacity to avoid service disruptions from that slot in the event any of the satellites experience a problem.

II. GRANT OF THIS APPLICATION IS IN THE PUBLIC INTEREST

These applications are in the public interest because they will ensure the continued safe operation of EchoStar 8 at the nominal 77° W.L. orbital location as the satellite is moved to

accommodate the pending arrival of QuetzSat-1. During relocation to and operations at 76.90° W.L., EchoStar will ensure that operations do not cause harmful interference to any other satellite.

III. OPERATIONAL PARAMETERS

During relocation maneuvers and maintenance of EchoStar 8 at the 76.90° W.L. orbital location, the earth station and satellite will operate subject to the following conditions:

1. All drift orbit TT&C and feeder link operations will be coordinated with other potentially affected in-orbit operators.
2. Drift operations and operations at 76.90° W.L. shall be on a non-harmful interference basis, meaning that EchoStar 8 shall not cause interference to, and shall not claim protections from, interference caused to it by any other lawfully operating satellites.
3. In the event that any harmful interference is caused as a result of TT&C or feeder link operations during the relocation of the EchoStar 8 satellite or while the satellite is at 76.90° W.L., EchoStar 8 shall cease the offending operations immediately upon notification of such interference and the Commission will be informed immediately, in writing, of such event.

IV. WAIVER PURSUANT TO SECTION 304 OF THE ACT

In accordance with Section 304 of the Communications Act of 1934, as amended, 47 U.S.C. § 304, EBC hereby waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise.

V. CONCLUSION

For the foregoing reasons, EBC respectfully requests the grant of its application for special temporary authority, beginning on or about December 11, 2012, to operate three transmit/receive earth stations (Call Signs E080058, E980174, and E980180) to provide TT&C and feeder link service during the relocation to, and operations of, EchoStar 8 at 76.90° W.L. and to operate one transmit/receive earth station (Call Sign E080120) to provide TT&C service for

the relocation to, and operations of, EchoStar 8 at 76.90° W.L. EBC also respectfully requests the grant of its application for modification of its authority to operate the three transmit/receive earth stations (Call Signs E080058, E980174, and E980180) to provide TT&C and feeder link service for EchoStar 8 at 76.90° W.L. and to operate one transmit/receive earth station (Call Sign E080120) to provide TT&C service for EchoStar 8 at 76.90° W.L.

Respectfully submitted,

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/s/
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December 3, 2012