



File # SAT-STA-20190925-00101

Call Sign 52179 Grant Date 11/14/19
(or other identifier)

Term Dates period of
From 10/07/19 To: 60 days

Approved: Stephen J. Duall

Approved by OMB
3060-0678

Date & Time Filed: Sep 25 2019 4:26:29:110PM
File Number: SAT-STA-20190925-00101
Callsign:

*with conditions

Stephen J. Duall
Chief, Satellite Policy Branch

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:
60-Day STA Extension for EchoStar 9 Service to the Bahamas

1. Applicant

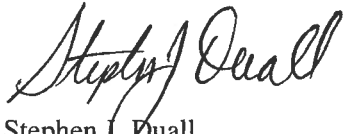
Name:	EchoStar Satellite Operating Corporation	Phone Number:	301-428-5893
DBA Name:		Fax Number:	
Street:	100 Inverness Terrace East	E-Mail:	jennifer.manner@echostar.com
City:	Englewood	State:	CO
Country:	USA	Zipcode:	80112
Attention:	Jennifer A Manner		

ATTACHMENT TO GRANT
EchoStar Satellite Operating Corporation
IBFS File No. SAT–STA–20190925–00101

IBFS File No(s):	SAT–STA–20190925–00101	GRANTED – With Conditions  International Bureau Satellite Division
Licensee/Grantee:	EchoStar Satellite Operating Corporation	
Call Sign:	S2179	
Satellite Name:	EchoStar 9	
Orbital Location: (required station-keeping tolerance)	121.0° W.L. (+/- 0.05 degrees east/west station keeping)	
Administration:	United States of America	
Nature of Service:	Fixed-Satellite Service (FSS)	
Scope of Grant:	Special temporary authority for an additional period of 60 days to extend the service area of EchoStar 9 to cover the Bahamas and to operate FSS in the 11.7-12.2 GHz (space-to-Earth) (at a maximum downlink EIRP of 52 dBW) and 14-14.5 GHz (Earth-to-space)	
Service Area(s):	Bahamas	
Frequencies:	11.7-12.2 GHz (space-to-Earth) 14-14.5 GHz (Earth-to-space)	
Unless otherwise specified herein, operations under this grant must comport with the legal and technical specifications set forth by the applicant or petitioner and with Federal Communication Commission's rules not waived herein. This grant is also subject to the following conditions: - Operations pursuant to this special temporary authority must be on an unprotected and non-harmful interference basis, i.e., they must not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating station. In the event of any harmful interference, EchoStar must cease operations immediately upon notification of such interference, and shall inform the Commission, in writing, immediately of such an event. - The maximum downlink EIRP is limited to 52 dBW. In all other aspects, operation of the EchoStar 9 satellite must be in accordance with the terms and conditions specified in its current authorization, IBFS File No. SAT-MOD-20180709-00052. - This authorization does not grant authority to operate any terrestrial stations in the territory of the Bahamas. EchoStar must obtain authority from the Government of the Bahamas before initiating earth station transmissions from Bahamian territory to the EchoStar 9 satellite.		
Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned. This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release. Station licenses are subject to the conditions specified in Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(h).		
Action Date:	November 14, 2019	
Term Dates	From: October 7, 2019	To: period of 60 days

ATTACHMENT TO GRANT
EchoStar Satellite Operating Corporation
IBFS File No. SAT–STA–20190925–00101

Approved:

A handwritten signature in black ink, appearing to read "Stephen J. Duall", is written over a light blue horizontal line.

Stephen J. Duall
Chief, Satellite Policy Branch

2. Contact

Name:	Jennifer A. Manner	Phone Number:	301-428-5893
Company:	EchoStar Satellite Operating Corporation	Fax Number:	
Street:	100 Inverness Terrace East	E-Mail:	jennifer.manner@echostar.com
City:	Englewood	State:	CO
Country:	USA	Zipcode:	80112 -
Attention:		Relationship:	

(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 SATSTA2019090600088 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 CRY - Space Station (Geostationary)

5. Type Request

- ☐ Change Station Location ☒ Extend Expiration Date ☐ Other

6. Temporary Orbit Location

7. Requested Extended Expiration Date
2019-12-05 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.)

Seeking 60-day extension of special temporary authorization to operate EchoStar IX (Call Sign S2179) for service to the Bahamas following Hurricane Dorian.

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
Jennifer A. Manner

11. Title of Person Signing
Senior Vice President, Regulatory Affairs

12. Please supply any need attachments.

Attachment 1: Narrative

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).

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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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.

EXHIBIT 1

REQUEST FOR SPECIAL TEMPORARY AUTHORIZATION (Response to Question 8, STA Form)

Pursuant to Section 25.120(b)(3) of the Commission's rules,¹ EchoStar Satellite Operating Corporation (together with its affiliates, "EchoStar") requests a 60-day extension of its special temporary authorization ("STA") to operate EchoStar IX (Call Sign S2179), a Ku- and Ka-band fixed-satellite service satellite, to provide service to the Bahamas on the following frequencies: 11.7-12.2 GHz (downlink) (at a maximum downlink EIRP of 52 dBW) and 14-14.5 GHz (uplink).²

The requested STA extension will allow continued use of the EchoStar IX satellite for communications with authorized earth stations to support emergency rescue, relief, and recovery operations in the Bahamas following Hurricane Dorian. As reported, massive international rescue and relief efforts have been underway to provide emergency assistance to residents of the Bahamas in the wake of Hurricane Dorian, the strongest hurricane on record to hit the Bahamas in modern times.³

Grant of the requested STA will serve the public interest by allowing use of available capacity on EchoStar IX for communications service to earth stations in the Bahamas. Such service will be used primarily by international and local organizations to provide or re-establish communications for emergency rescue, relief, and recovery operations.

¹ See 47 C.F.R. § 25.120(b)(3).

² See EchoStar, *Stamp Grant*, IBFS File No. SAT-STA-20190906-00088 (Sept. 6, 2019). EchoStar shortly will file a modification application for regular authority to operate EchoStar IX for service to existing satellite coverage areas, including the Bahamas.

³ See, e.g., Anthony Faiola *et al.*, *Massive International Rescue and Relief Effort Underway in Ravaged Bahamas as Hurricane Dorian Aims at Carolinas*, Wash. Post, Sept. 4, 2019, https://www.washingtonpost.com/national/massive-international-rescue-and-relief-effort-underway-in-ravaged-bahamas-as-hurricane-dorian-aims-at-carolinas/2019/09/04/cb4648da-cf42-11e9-8c1c-7c8ee785b855_story.html; Jeanna Bryner, *'Extremely Dangerous' Dorian Becomes Strongest Hurricane in Modern History for the Bahamas*, Live Science (Sept. 1, 2019), <https://www.livescience.com/hurricane-dorian-strongest-hurricane-bahamas.html>.

EchoStar seeks no changes to EchoStar IX's authorized technical parameters, other than a modest extension of its authorized service area to include the Bahamas. Accordingly, the proposed STA operations raise no technical interference concerns, and will be conducted on an unprotected, non-harmful interference basis in any event.