

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
STA Request for MWUF Earth Station

I. Applicant

Name:	DIRECTV Enterprises, LLC	Phone Number:	301-663-0053
DBA Name:		Fax Number:	240-358-0569
Street:	6050 Elmer Derr Rd	E-Mail:	jw0854@att.com
City:	Frederick	State:	MD
Country:	USA	Zipcode:	21703 -
Attention:	Jack Wengryniuk		



"With Conditions"

File # SES-STA-20170215-00170

Call Sign E170003 Grant Date 02/17/2017
(or other identifier)

Term Dates
From 02/21/2017 To 04/21/2017

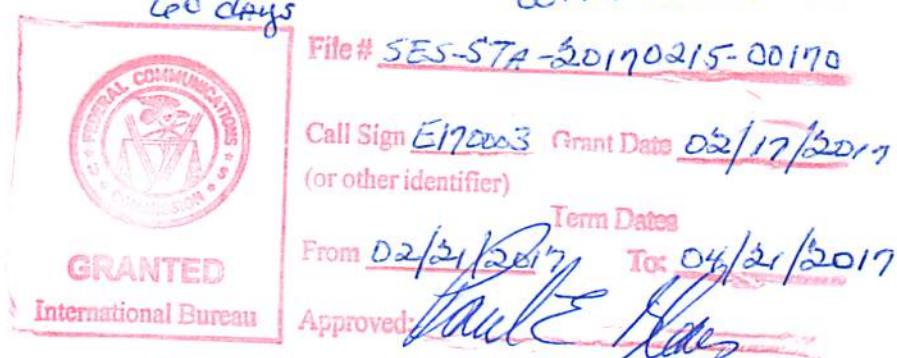
Approved: Paul E. Blach

Application: DirecTV Enterprises, LLC.
File No.: SES-STA-20170215-00170
Call Sign: E170003
Special Temporary Authority

DirecTV Enterprises, LLC is granted special temporary authority for 60 days, beginning February 21, 2017, to operate its 9.2 meter antenna at its Oakdale, Minnesota, located at 44° 59' 34.6' N, 92° 58' 41.2' W, to provide telemetry, tracking, and command ("TT&C") functions to SKY-BI (S2922) satellite during in-orbit testing ("IOT") at 33° W.L. and drift of satellite to its final location of 43.1° W.L in the 14490-14500 MHz and 13249.50 MHz (Earth-to-space), and 11440-11450 MHz and 11450-11460 MHz (space-to-Earth) frequency bands under the following conditions:

1. DirecTV Enterprises, LLC will coordinate the proposed IOT operations at IOT location 33° W.L. with operators of co-frequency satellites within six degrees. During the drift from 33° W.L. to the satellite's permanent orbital location 43.1° W.L., DirecTV will coordinate with operators of co-frequency satellites in the drift path.
2. Operations, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.
3. In the event of any harmful interference under this grant of STA, DirecTV Enterprises, LLC (E170003), must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
4. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future DirecTV Enterprises, LLC applications.
5. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at DirecTV Enterprises, LLC's risk.
6. 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.

60 days "with conditions"



The stamp is a rectangular box with a red border. On the left side, there is a circular seal of the Federal Communications Commission. Below the seal, the word "GRANTED" is printed in bold, and "International Bureau" is printed below that. To the right of the seal, there are several lines of handwritten text in red ink: "File# SES-STA-20170215-00170", "Call Sign E170003", "Grant Date 02/17/2017", "Term Dates From 02/21/2017 To 04/21/2017", and "Approved: [Signature]".

File# SES-STA-20170215-00170
Call Sign E170003 Grant Date 02/17/2017
(or other identifier)
Term Dates
From 02/21/2017 To: 04/21/2017
Approved: [Signature]

EXHIBIT 1
REQUEST FOR SPECIAL TEMPORARY AUTHORITY

DIRECTV Enterprises, LLC (“DIRECTV”) respectfully requests a grant of special temporary authority (“STA”)¹ for 60 days commencing February 21, 2017 to operate a new 9.2 meter Ku-band antenna pending grant of its application for permanent operating authority.² Specifically, DIRECTV seeks to use this new antenna at its Oakdale, Minnesota extended Ku-band earth station (Call Sign E170003) to provide telemetry, tracking, and command (“TT&C”) services for its SKY-B1 satellite (Call Sign S2922) (1) during the satellite’s in-orbit testing (“IOT”) at 33° W.L., (2) during the satellite’s drift to its authorized location of 43.1° W.L., and (3) for any subsequent operations at the satellite’s authorized location of 43.1° W.L. that occur prior to grant of DIRECTV’s application for authority to operate the earth station.

The SKY-B1 satellite successfully launched on February 14, 2017 and is expected to arrive at 33° W.L. for IOT on February 20, 2017. The IOT period is expected to last approximately 26 days, and the drift to 43.1° W.L. is expected to last approximately 10 days. DIRECTV’s application for authority to operate the earth station was placed on public notice on January 25, 2017 and is eligible for grant on February 24, 2017.³ Accordingly, DIRECTV respectfully submits this STA request for authority to use the earth station to provide TT&C services to the SKY-B1 satellite for a period of 60 days beginning February 21, 2017.

¹ DIRECTV has filed this STA request, an FCC Form 159, and a \$200.00 filing fee electronically via the International Bureau’s Filing System.

² *See Policy Branch Information; Actions Taken*, Report No. SES-01924, File No. SES-LIC-20170109-00017 (Jan. 25, 2017) (Public Notice).

³ *See id.*

The range of earth station frequencies requested to provide TT&C services for SKY-B1 are:

- 11440-11450 MHz (R); 11450-11460 MHz (R); and
- 14490-14500 MHz (T); and 13249.5-13249.5 MHz (T).

The drift operations will continue to be coordinated with all operators of satellites that use the same frequency bands and are in the drift path.⁴ All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, DIRECTV will take all reasonable steps to eliminate the interference.

Grant of this STA request is in the public interest because it will facilitate IOT of SKY-B1's payloads at 33° W.L., a critical step in ensuring that the satellite will be fully operational at 43.1° W.L. This, in turn, will provide additional capacity to customers at the 43.1° W.L. location, thereby promoting the public interest. Accordingly, DIRECTV respectfully requests that the Commission grant this request.

⁴ DIRECTV will handle the coordination.

2. Contact

Name:	Jennifer Hindin	Phone Number:	202-719-4975
Company:	Wiley Rein LLP	Fax Number:	202-719-7049
Street:	1776 K Street, NW	E-Mail:	jhindin@wileyrein.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20006 -
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 SESLIC2017010900017 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
02/21/2017

7. City Oakdale

8. Latitude
(dd mm ss.s h) 44 59 34.6 N

9. State MN	10. Longitude (dd mm ss.s h) 92 58 41.2 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;">DIRECTV Enterprises, LLC requests a grant of Special Temporary Authority for 60 days beginning February 21, 2017 to use its MWUF earth station (Call Sign E170003) to provide telemetry, tracking, and command services for its SKY-B1 satellite (Call Sign S2922).</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 Jack Wengryniuk	15. Title of Person Signing Senior Director
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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