

E930304 SES-STA-20130123-00088 IB2013000191
DIRECTV Enterprises, LLC

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:
STA-SES-E930304

1. Applicant

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



30 days "with conditions"

File # SES-STA-20130123-00088

Call Sign E930304 Grant Date 02/06/2013
(or other identifier)

Term Dates
From 02/10/2013 To: 03/12/2013

Approved: Paul E. Hall

Applicant: DIRECTV Enterprises, LLC
Call Sign: E930304
File No.: SES-STA-20130123-00088

DIRECTV Enterprises, LLC (DIRECTV) is granted special temporary authority, from February 10, 2013 to March 12, 2013 to provide telemetry, tracking and control ("TT&C") functions during the de-orbit of NileSat-101, which is licensed by Egypt and controlled by Astrium, as described in the DIRECTV application and under the following additional conditions.

1. All operations shall be on an unprotected and non-harmful interference basis, i.e., DIRECTV shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station.
2. In the event that there is a report of interference, DIRECTV must immediately terminate transmissions and notify the FCC in writing.
3. The de-orbit operations will be coordinated with all operators of satellites that use the same frequency bands and are in the de-orbit path. 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.
4. DIRECTV must make all reasonable and customary measures to ensure that the earth station does not create a potential for harmful non-ionizing radiation to persons who may be in the vicinity of the earth station when it is in operation. At a minimum, permanent warning labels shall be fixed to the earth station and its housing warning of the radiation hazard and including a diagram showing the regions around the earth station where radiation levels could exceed 1 .0mW/cm2. The earth station operator shall be responsible for assuring that individuals do not stray into the regions around the earth station where there is a potential for exceeding the maximum permissible exposure limits required by 47 C.F.R. §1.1310. This shall be accomplished by means of signs, caution tape, verbal warnings, placement of the earth station so as to minimize access to the hazardous region, and/or other appropriate means.
5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at DIRECTV'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. 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.


30 days
"with conditions"

File # SES-STA-20130123-00088

Call Sign E930304 Grant Date 03/06/2013
(or other identifier)

Term Dates
From 02/10/2013 To: 03/12/2013

Approved: Paul E. [Signature]



GRANTED
International Bureau

REQUEST FOR SPECIAL TEMPORARY AUTHORIZATION
Earth Station E930304

DIRECTV Enterprises, LLC (“DIRECTV”) hereby requests special temporary authorization (“STA”) for a period of up to thirty (30) days beginning on February 10, 2013, to operate one of its existing satellite earth stations (Call Sign E930304) to support the de-orbit maneuvers of the NILESAT-101 satellite. The spacecraft is currently located at the 7° E.L. orbital location. Nilesat will begin the de-orbit process using another earth station, and then use DIRECTV’s earth station for telemetry, tracking and command (“TT&C”) functions from the point at which the spacecraft is approximately twenty degrees above the horizon from the Castle Rock, Colorado uplink facility until it reaches its final disposal orbit.

The earth station will communicate with the TT&C payload of NILESAT-101 using the following frequencies:

Uplink: 17301 and 17302.5 MHz
Downlink: 12498 and 12499 MHz.

It will operate on a non-interference basis. Nilesat will control the spacecraft throughout the de-orbit process.

Grant of this STA request will serve the public interest by allowing DIRECTV to support the de-orbit of an aging satellite. This process is expected to place NILESAT-101 in a disposal orbit that is consistent with the space debris mitigation guidelines established by the Inter-Agency Space Debris Coordination Committee, and thereby ensure that the spacecraft does not become a hazard to operational satellites. The public interest clearly favors grant of this application, and DIRECTV requests that it be done as expeditiously as possible.

2. Contact	
Name: William M. Wiltshire	Phone Number: 202-730-1350
Company: Wiltshire & Grannis LLP	Fax Number: 202-730-1301
Street: 1200 18th Street NW	E-Mail: wwiltshire@wiltshiregrannis.com
Suite 1200	
City: Washington	State: DC
Country: USA	Zipcode: 20036 -
Attention: William M. Wiltshire	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?	
<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 CGX – Fixed Satellite Transmit/Receive Earth Station	
5. Type Request	
<input type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other	
6. Requested Use Prior Date	
02/10/2013	

7. City Castle Rock	8. Latitude (dd mm ss.s h) 39 16 37.0 N
9. State CO	10. Longitude (dd mm ss.s h) 104 48 29.0 W
11. Please supply any need attachments. Attachment 1: Exhibit A 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: 5px 0;">DIRECTV Enterprises, LLC hereby requests special temporary authorization for a period of up to thirty days beginning on February 10, 2013, to operate one of its existing satellite earth stations (Call Sign E930304) to support the de-orbit maneuvers of the NILESAT-101 satellite.</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 Romulo Pontual	15. Title of Person Signing Executive Vice President
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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