

S2711 SAT-MOD-20140624-00077 IB2014001270  
DIRECTV Enterprises, LLC  
RB-1



File # SAT-MOD-20140624-00077  
Call Sign S2711 Grant Date 11/05/14  
(or other identifier)  
From see conditions Term Dates see conditions To: see conditions  
Approved: Stephen J. Duall  
Stephen J. Duall  
Chief, Satellite Policy Branch

Approved by OMB  
3060-0678

Date & Time Filed: Jun 24 2014 2:37:43:193PM  
File Number: SAT-MOD-20140624-00077

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| FCC APPLICATION FOR SPACE AND EARTH STATION:MOD OR AMD – MAIN FORM | FCC Use Only |
| FCC 312 MAIN FORM FOR OFFICIAL USE ONLY                            |              |

APPLICANT INFORMATION


Enter a description of this application to identify it on the main menu:  
DRB-1 Milestone Ext.

1-8. Legal Name of Applicant

|                   |                                     |                      |                         |
|-------------------|-------------------------------------|----------------------|-------------------------|
| <b>Name:</b>      | DIRECTV Enterprises, LLC            | <b>Phone Number:</b> | 301-663-0053            |
| <b>DBA Name:</b>  |                                     | <b>Fax Number:</b>   | 240-358-0569            |
| <b>Street:</b>    | 2230 E. Imperial Hwy<br>CA/LAI/N340 | <b>E-Mail:</b>       | jwengryniuk@directv.com |
| <b>City:</b>      | El Segundo                          | <b>State:</b>        | CA                      |
| <b>Country:</b>   | USA                                 | <b>Zipcode:</b>      | 90245 -                 |
| <b>Attention:</b> | Mr Jack M Wengryniuk                |                      |                         |

**Attachment to Grant**  
**Application of DIRECTV Enterprises, LLC**  
**IBFS File No. SAT-MOD-20140624-00077**  
**Call Sign S2711**

The request of DIRECTV Enterprises, LLC (DIRECTV), IBFS File No. SAT-MOD-20140624-00077, to partially waive the launch and begin operations milestone applicable to the DIRECTV RB-1 space station (Call Sign S2711), which is authorized to operate at the 99.235° W.L. orbital location and provide Broadcasting Satellite Service using the 17.3-17.7 GHz (space-to-Earth) and 24.75-25.15 GHz (Earth-to-space) frequency bands,<sup>1</sup> IS GRANTED as conditioned. DIRECTV has completed the physical construction of its satellite and is ready to launch the satellite in the immediate future. Based upon these circumstances,<sup>2</sup> we find that good cause exists to partially waive the launch and operations milestone. Accordingly, we modify condition 5(d) of the *RB-1 Authorization* to specify launch and begin operations by February 28, 2015. In the event launch and commencement of operations is not completed by February 28, 2015, the authorization shall become null and void. 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 Section 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the date of the public notice indicating that this action was taken.

|  |   |
|--|---|
| <br><b>GRANTED*</b><br>International Bureau<br>*with conditions | <b>File #</b> <u>SAT-MOD-20140624-00077</u>   |
|  | <b>Call Sign</b> <u>S2711</u> <b>Grant Date</b> <u>11/05/14</u><br>(or other identifier)                  |
|  | <b>From</b> <u>see conditions</u> <b>Term Dates</b> <u>See conditions</u><br><b>To:</b> <u>conditions</u> |
|  | <b>Approved:</b> <u>Stephen J. Duall</u><br>Stephen J. Duall<br>Chief, Satellite Policy Branch            |
|  |   |

<sup>1</sup> See Grant Stamp, IBFS File Nos. SAT-LOA-20060908-00099, SAT-AMD-20080114-00013, and SAT-AMD-20080321-00076 (July 28, 2009) ("RB-1 Authorization"); Grant Stamp, IBFS File No. SAT-MOD-20110727-00135 (Oct. 26, 2011); Grant Stamp, IBFS File Nos. SAT-MOD-20111128-00230, SAT-AMD-20120314-00040 (May 24, 2012).

<sup>2</sup> According to an October 10, 2014 update from Arianespace, RB-1 has arrived in French Guiana in preparation for a December 2014 launch. Mission Update: DIRECTV 14 lands in French Guiana while assembly begins for its Ariane 5 launcher, available online at <http://www.arianespace.com/news-mission-update/2014/1222.asp> (dated October 10, 2014). DIRECTV 14 is a hybrid satellite that contains the RB-1 payload (Call Sign S2711) as well as a Ka-band payload (Call Sign S2869). See Grant Stamp, IBFS File No. SAT-LOA-20120518-00085 (Dec. 4, 2012), at footnote 2.

9-16. Name of Contact Representative

|                   |                                 |                      |                                 |
|-------------------|---------------------------------|----------------------|---------------------------------|
| <b>Name:</b>      | William M. Wiltshire            | <b>Phone Number:</b> | 202-730-1350                    |
| <b>Company:</b>   | Harris, Wiltshire & Grannis LLP | <b>Fax Number:</b>   | 202-730-1301                    |
| <b>Street:</b>    | 1200 18th Street                | <b>E-Mail:</b>       | wwiltshire@wiltshiregrannis.com |
|                   | Suite 1200                      |                      |                                 |
| <b>City:</b>      | Washington                      | <b>State:</b>        | DC                              |
| <b>Country:</b>   | USA                             | <b>Zipcode:</b>      | 20036-                          |
| <b>Attention:</b> | William M. Wiltshire            | <b>Relationship:</b> | Legal Counsel                   |

CLASSIFICATION OF FILING

|  |   |
|--|---|
| <p>17. Choose the button next to the classification that applies to this filing for both questions a. and b. Choose only one for 17a and only one for 17b.</p> <p><input type="radio"/> a1. Earth Station</p> <p><input checked="" type="radio"/> a2. Space Station</p>  | <p>(N/A) b1. Application for License of New Station</p> <p>(N/A) b2. Application for Registration of New Domestic Receive-Only Station</p> <p><input type="radio"/> b3. Amendment to a Pending Application</p> <p><input checked="" type="radio"/> b4. Modification of License or Registration</p> <p>b5. Assignment of License or Registration</p> <p>b6. Transfer of Control of License or Registration</p> <p><input type="radio"/> b7. Notification of Minor Modification</p> <p>(N/A) b8. Application for License of New Receive-Only Station Using Non-U.S. Licensed Satellite</p> <p>(N/A) b9. Letter of Intent to Use Non-U.S. Licensed Satellite to Provide Service in the United States</p> <p>(N/A) b10. Other (Please specify)</p> <p>(N/A) b11. Application for Earth Station to Access a Non-U.S. satellite Not Currently Authorized to Provide the Proposed Service in the Proposed Frequencies in the United States</p> <p>(N/A) b12. Application for Database Entry</p> <p><input type="radio"/> b13. Amendment to a Pending Database Entry Application</p> <p><input type="radio"/> b14. Modification of Database Entry</p> |
| <p>17c. Is a fee submitted with this application?</p> <p><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).</p> <p><input type="radio"/> Governmental Entity    <input type="radio"/> Noncommercial educational licensee</p> <p><input type="radio"/> Other (please explain):</p> |   |
| <p>17d.</p> <p>Fee Classification BFY – Space Station Modification (Geostationary)</p>   |   |

|   |   |
|---|---|
| <p>18. If this filing is in reference to an existing station, enter:</p> <p>(a) Call sign of station:<br/>S2711</p> | <p>19. If this filing is an amendment to a pending application enter both fields, if this filing is a modification please enter only the file number:</p> <p>(a) Date pending application was filed:                      (b) File number:<br/><br/>SATMOD2011112800230</p> |
|---|---|

TYPE OF SERVICE

|   |  |
|---|--|
| <p>20. NATURE OF SERVICE: This filing is for an authorization to provide or use the following type(s) of service(s): Select all that apply:</p> <p><input type="checkbox"/> a. Fixed Satellite</p> <p><input type="checkbox"/> b. Mobile Satellite</p> <p><input type="checkbox"/> c. Radiodetermination Satellite</p> <p><input type="checkbox"/> d. Earth Exploration Satellite</p> <p><input type="checkbox"/> e. Direct to Home Fixed Satellite</p> <p><input type="checkbox"/> f. Digital Audio Radio Service</p> <p><input checked="" type="checkbox"/> g. Other (please specify)                      17/24 GHz Broadcasting Satellite Service</p> |  |
| <p>21. STATUS: Choose the button next to the applicable status. Choose only one.</p> <p><input checked="" type="radio"/> Common Carrier      <input type="radio"/> Non-Common Carrier</p>   | <p>22. If earth station applicant, check all that apply.</p> <p><input type="checkbox"/> Using U.S. licensed satellites</p> <p><input type="checkbox"/> Using Non-U.S. licensed satellites</p> |
| <p>23. If applicant is providing INTERNATIONAL COMMON CARRIER service, see instructions regarding Sec. 214 filings. Choose one. Are these facilities:</p> <p><input checked="" type="radio"/> Connected to a Public Switched Network      <input type="radio"/> Not connected to a Public Switched Network      <input type="radio"/> N/A</p>   |  |

24. FREQUENCY BAND(S): Place an 'X' in the box(es) next to all applicable frequency band(s).

a. C-Band (4/6 GHz)     b. Ku-Band (12/14 GHz)

c. Other (Please specify upper and lower frequencies in MHz.)

Frequency Lower:    Frequency Upper: (Please specify additional frequencies in an attachment)

#### TYPE OF STATION

25. CLASS OF STATION: Choose the button next to the class of station that applies. Choose only one.

- a. Fixed Earth Station
- b. Temporary-Fixed Earth Station
- c. 12/14 GHz VSAT Network
- d. Mobile Earth Station
- e. Geostationary Space Station
- f. Non-Geostationary Space Station
- g. Other (please specify)

26. TYPE OF EARTH STATION FACILITY:

- Transmit/Receive     Transmit-Only     Receive-Only     N/A

"For Space Station applications, select N/A."

PURPOSE OF MODIFICATION

27. The purpose of this proposed modification is to: (Place an 'X' in the box(es) next to all that apply.)

- a — authorization to add new emission designator and related service
- b — authorization to change emission designator and related service
- c — authorization to increase EIRP and EIRP density
- d — authorization to replace antenna
- e — authorization to add antenna
- f — authorization to relocate fixed station
- g — authorization to change frequency(ies)
- h — authorization to add frequency
- i — authorization to add Points of Communication (satellites & countries)
- j — authorization to change Points of Communication (satellites & countries)
- k — authorization for facilities for which environmental assessment and radiation hazard reporting is required
- l — authorization to change orbit location
- m — authorization to perform fleet management
- n — authorization to extend milestones
- o — Other (Please specify)

ENVIRONMENTAL POLICY

|  |   |
|--|---|
| 28. Would a Commission grant of any proposal in this application or amendment have a significant environmental impact as defined by 47 CFR 1.1307? If YES, submit the statement as required by Sections 1.1308 and 1.1311 of the Commission's rules, 47 C.F.R. 1.1308 and 1.1311, as an exhibit to this application. A Radiation Hazard Study must accompany all applications for new transmitting facilities, major modifications, or major amendments. | <input type="radio"/> Yes <input checked="" type="radio"/> No |
|--|---|

ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aeronautical en route or aeronautical fixed radio station services are not required to respond to Items 30–34.

|   |   |
|---|---|
| 29. Is the applicant a foreign government or the representative of any foreign government?  | <input type="radio"/> Yes <input checked="" type="radio"/> No                           |
| 30. Is the applicant an alien or the representative of an alien?  | <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A |
| 31. Is the applicant a corporation organized under the laws of any foreign government?  | <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A |
| 32. Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country? | <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A |



33. Is the applicant a corporation directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?

Yes  No  N/A

34. If any answer to questions 29, 30, 31, 32 and/or 33 is Yes, attach as an exhibit an identification of the aliens or foreign entities, their nationality, their relationship to the applicant, and the percentage of stock they own or vote.

#### BASIC QUALIFICATIONS

35. Does the Applicant request any waivers or exemptions from any of the Commission's Rules?  
If Yes, attach as an exhibit, copies of the requests for waivers or exceptions with supporting documents.

Yes  No

36. Has the applicant or any party to this application or amendment had any FCC station authorization or license revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission? If Yes, attach as an exhibit, an explanation of circumstances.

Yes  No

|   |   |
|---|---|
| <p>37. Has the applicant, or any party to this application or amendment, or any party directly or indirectly controlling the applicant ever been convicted of a felony by any state or federal court? If Yes, attach as an exhibit, an explanation of circumstances.</p>  | <p><input type="radio"/> Yes    <input checked="" type="radio"/> No</p> |
| <p>38. Has any court finally adjudged the applicant, or any person directly or indirectly controlling the applicant, guilty of unlawfully monopolizing or attemptiing unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement or any other means or unfair methods of competition?If Yes, attach as an exhibit, an explanation of circumstances</p>  | <p><input type="radio"/> Yes    <input checked="" type="radio"/> No</p> |
| <p>39. Is the applicant, or any person directly or indirectly controlling the applicant, currently a party in any pending matter referred to in the preceding two items? If yes, attach as an exhibit, an explanation of the circumstances.</p>   | <p><input type="radio"/> Yes    <input checked="" type="radio"/> No</p> |
| <p>40. If the applicant is a corporation and is applying for a space station license, attach as an exhibit the names, address, and citizenship of those stockholders owning a record and/or voting 10 percent or more of the Filer's voting stock and the percentages so held. In the case of fiduciary control, indicate the beneficiary(ies) or class of beneficiaries. Also list the names and addresses of the officers and directors of the Filer.</p> | <p>Ownership Infomation</p>   |

41. 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

42a. Does the applicant intend to use a non-U.S. licensed satellite to provide service in the United States? If Yes, answer 42b and attach an exhibit providing the information specified in 47 C.F.R. 25.137, as appropriate. If No, proceed to question 43.

Yes  No

42b. What administration has licensed or is in the process of licensing the space station? If no license will be issued, what administration has coordinated or is in the process of coordinating the space station?

43. Description. (Summarize the nature of the application and the services to be provided). (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

DIRECTV Enterprises, LLC requests that the Commission grant an extension, up to and including February 28, 2015, to meet its

Narrative

43a. Geographic Service Rule Certification

By selecting A, the undersigned certifies that the applicant is not subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25.

A

By selecting B, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will comply with such requirements.

B

By selecting C, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will not comply with such requirements because it is not feasible as a technical matter to do so, or that, while technically feasible, such services would require so many compromises in satellite design and operation as to make it economically unreasonable. A narrative description and technical analysis demonstrating this claim are attached.

C

CERTIFICATION

The Applicant 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, and requests an authorization in accordance with this application. The applicant certifies that grant of this application would not cause the applicant to be in violation of the spectrum aggregation limit in 47 CFR Part 20. All statements made in exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that all statements made in this application and in all attached exhibits are true, complete and correct to the best of his or her knowledge and belief, and are made in good faith.

44. Applicant is a (an): (Choose the button next to applicable response.)

- Individual
- Unincorporated Association
- Partnership
- Corporation
- Governmental Entity
- Other (please specify)

45. Name of Person Signing  
Romulo Pontual

-->

46. Title of Person Signing  
Executive Vice President Chief Technology Officer

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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