

S2610 SAT-STA-20171122-00160 IB2017003293
ES 172 LLC
Eutelsat 172A



File # SAT-STA-20171122-00160
Call Sign S2610 Grant Date 11/29/17
(or other identifier)
Term Dates period of
From 11/29/17 To: 60 days
Approved: *Stephen J. Duall*
Stephen J. Duall
Chief, Satellite Policy Branch

Approved by OMB
3060-0678

Date & Time Filed: Nov 22 2017 6:38:18:216PM
File Number: SAT-STA-20171122-00160
Callsign:

*with conditions

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 Request to Operate EUTELSAT 172A at 174 Deg. E.L.

1. Applicant

Name:	ES 172 LLC	Phone Number:	656-808-2088
DBA Name:		Fax Number:	656-808-2089
Street:	8 Temasek Boulevard #15-02 Suntec Tower 3	E-Mail:	kloke@eutelsat.com
City:	Singapore 038988	State:	DC
Country:	USA	Zipcode:	20037 -
Attention:	Mr Ken Loke		

ATTACHMENT TO GRANT
ES 172 LLC.
IBFS File No. SAT-STA-20171122-00160

IBFS File No(s):	SAT-STA-20171122-00160	<p>GRANTED – With Conditions</p>  <p>International Bureau Satellite Division</p>
Licensee/Grantee:	ES 172 LLC (Eutelsat)	
Call Sign:	S2610	
Satellite Name:	EUTELSAT 172A	
Orbital Location: (required station-keeping tolerance)	174.0° E.L. (+/- 0.01 degrees)	
Administration:	United States of America ¹	
Nature of Service:	Fixed-Satellite Service (FSS)	
Scope of Grant:	Grant of special temporary authority for a period of 60 days to provide FSS via EUTELSAT 172A at the 174.0° E.L. orbital location.	
Service Area(s):	Pacific Ocean Region (C-band) North Pacific, North-East Asia, Southwest Pacific, South Pacific, South-East Pacific (Ku-band) ²	
Frequencies:	5925-6425 MHz (Earth-to-space) 14.0-14.5 GHz (Earth-to-space) 3700-4200 MHz (space-to-Earth) 10.95-11.20 GHz (space-to-Earth) 11.45-11.7 GHz (space-to-Earth) 12.2-12.75 GHz (space-to-Earth) - outside United States and its Territories and Possessions only Telemetry, Tracking and Command: Command: 5926.5 MHz Telemetry: 3703.5 MHz, 4199.5 MHz	
<p>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:</p> <ol style="list-style-type: none"> 1. All operations of EUTELSAT 172A at the 174.0° E.L. orbital location under this grant of special temporary authority must be on an unprotected and non-harmful interference basis, <i>i.e.</i> EUTELSAT 172A must not cause harmful interference to, and must not claim protection from interference caused to it by, any other lawfully operating stations. 2. In the event of harmful interference under this grant of special temporary authority, Eutelsat must cease operations immediately upon notification of such interference, and inform the Commission, in writing, immediately of such an event. 3. In connection with the provision of service in any particular country, Eutelsat is obliged to comply with the applicable laws, regulations, rules, and licensing procedures of that country. 4. Eutelsat must coordinate the operations of EUTELSAT 172A with existing geostationary space stations to ensure that no unacceptable interference results from its operations at the 174.0° E.L. orbital location. 		

¹ Eutelsat states that EUTELSAT 172A will operate at the 174° E.L. orbital location pursuant to the satellite network filings at this location made with the International Telecommunications Union (“ITU”) by the government of Cyprus. See IBFS File No. SAT-MOD-20171122-00159, Attach. Narrative App. at 3.

² IBFS File No. SAT-MOD-20171122-00159, Attach. E174A-Service Area & Attach. Narrative App., Eng. Statement.

ATTACHMENT TO GRANT
ES 172 LLC.
IBFS File No. SAT-STA-20171122-00160

5. Eutelsat must maintain EUTELSAT 172A orbital location with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees.
6. Pursuant to footnote US211 of the United States Table of Frequency Allocations, 47 CFR § 2.106, services operating in the 10.7-11.7 GHz band shall take all practicable steps to protect the radio astronomy service from harmful interference.
7. Eutelsat may not provide downlink services into the United States and its Territories and Possessions in the 12.2-12.75 GHz frequency band.
8. Pursuant to footnote US342 of the United States Table of Frequency Allocations, 47 CFR § 2.106, services operating in the 14.47-14.5 GHz band shall take all practicable steps to protect the radio astronomy service from harmful interference.
9. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Eutelsat's own risk.
10. Grant of this authorization is without prejudice to any action the Commission may take on Eutelsat's pending request for modification of its authority for EUTELSAT 172A to specify operations at the 174.0° E.L. orbital location. *See* IBFS File No. SAT-MOD-20171122-00159.


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 29, 2017	
Term Dates	From: November 29, 2017	To: period of 60 days

Approved:


 Stephen J. Duall
 Chief, Satellite Policy Branch

2. Contact

Name:	Carlos M. Nalda	Phone Number:	571-332-5626
Company:	LMI Advisors	Fax Number:	202-697-5037
Street:	2550 M Street NW Suite 345	E-Mail:	cnalda@lmiadvisors.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20037 -
Attention:		Relationship:	Other

(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 SATMOD2017112200159 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

174 Deg. E.L.

7. Requested Extended Expiration Date

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.)

Request for 60-day special temporary authority to operate the EUTELSAT 172A satellite at 174 Deg. E.L.

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
Ken Loke

11. Title of Person Signing
President

12. Please supply any need attachments.

Attachment 1: STA 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).

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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.

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554**

In the Matter of)	
)	
Application of ES 172 LLC For Special)	File No. SAT-STA-_____
Temporary Authority to Operate EUTELSAT)	Call Sign S2610
172A at the 174° E.L. Orbital Location)	

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

ES 172 LLC, an indirect, wholly owned subsidiary of Eutelsat S.A. (“Eutelsat”), pursuant to Section 25.120(a) of the Commission’s rules, respectfully requests 60-day special temporary authority (“STA”) beginning on November 29, 2017, or as soon as practicable thereafter, to permit operation of the EUTELSAT 172A satellite (Call Sign S2610) at the 174° E.L. orbital location. ES 172 LLC has concurrently filed a satellite license modification application for long-term operation of EUTELSAT 172A at this location.¹ Grant of this STA request will allow EUTELSAT 172A to immediately supplement available capacity in the Asia-Pacific region to satisfy, among other things, urgent U.S. government communications requirements.

ES 172 LLC is the licensee of the EUTELSAT 172A satellite and, together with its Eutelsat affiliates, operates the satellite to support a wide range of traditional fixed-satellite service (“FSS”) and satellite mobility applications throughout the Asia-Pacific region. The Commission recently granted ES 172 LLC authority to operate the C-band and Ku-band payloads on EUTELSAT 172B to replace EUTELSAT 172A at 172° E.L.,² as well as an STA to drift the EUTELSAT 172A

¹ See ES 172 LLC, File No. SAT-MOD-20171122-00159, Call Sign S2610 (“*EUTELSAT 172A Modification Application*”).

² See ES 172 LLC, File No. SAT-STA-20171104-00149, Call Sign S3021 (granted Nov. 16, 2017). ES 172 LLC’s application for long-term commercial authority for the EUTELSAT 172B satellite payloads remains pending. See File No. SAT-RPL-20170927-00136, Call Sign S3021.

satellite to the 174° E.L. orbital location.³ These grants facilitate consideration of this request to operate EUTELSAT 172A at 174° E.L. to satisfy urgent U.S. government communications needs.⁴

ES 172 LLC contemplates no material changes to the overall operating parameters of EUTELSAT 172A and, once located at 174° E.L., the satellite will operate essentially as it does today. ES 172 LLC hereby incorporates by reference the satellite operational parameters and other information provided in the separately filed *EUTELSAT 172A Modification Application*. That application provides the full range of technical and public interest information supporting long-term commercial operations of the satellite at its new location.

Grant of this short-term STA request is also in the public interest because it will facilitate efficient use of a U.S.-licensed satellite to help meet urgent U.S. government service requirements in the Asia-Pacific region. In addition, an STA will enable the new services on EUTELSAT 172A at the 174° E.L. orbital location, thereby enhancing capacity and competition in satellite services provided to U.S. customers in the region. ES 172 LLC expressly acknowledges that grant of the requested STA is without prejudice to Commission consideration of the *EUTELSAT 172A Modification Application* for long-term operating authority at 174° E.L., and that all actions taken in reliance on any grant of this STA request are at ES 172 LLC's sole risk.

For the reasons set forth herein, ES 172 LLC respectfully requests that the Commission grant this 60-day STA request to operate the EUTELSAT 172A satellite from the 174° E.L. orbital location commencing on November 29, 2017, or as soon as practicable thereafter.

³ ES 172 LLC, File No. SAT-STA-20171117-00157, Call Sign S2610 (granted Nov. 21, 2017).

⁴ EUTELSAT 172A is expected to arrive at the 174° E.L. orbital location near the end of the month. ES 172 LLC seeks to commence commercial operations to support satellite broadband and mobility applications, including U.S. government communications requirements in the region, no later than December 1, 2017.