

E-120025 SES-STA-20170112-00045 IB2017000111
Kongsberg Satellite Services AS

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 Application for E120025 (Changing Remote Control Point)

1. Applicant

Name:	Kongsberg Satellite Services AS	Phone Number:	(+47) 77 60 02 50
DBA Name:		Fax Number:	(+47) 77 60 02 99
Street:	Prestvannveien 38	E-Mail:	stenare.ellefsen@ksat.no
City:	Tromso	State:	-
Country:		Zipcode:	
Attention:	Mr. Sten Are Ellefsen		



File # SES - STA - 20170112 - 00045
Call Sign E120025 Grant Date 5/14/2017 Per
(or other identifier)
Term Dates From 5/3/2017 To 7/1/2017
Approved: Paul E. Heeb

Applicant: Kongsberg Satellite Services AS
Call Sign: E120025
File No.: SES-STA-20170112-00045

Kongsberg Satellite Services AS (KSAT) is granted special temporary authority for 60 days, beginning May 3, 2017, to change the remote control point of this fixed earth station from Terra Bella's headquarters in Mountain View, CA to KSAT's Tromsø Network Operations Center ("TNOC") in Tromsø, Norway, under the following conditions:

1. All other operational parameters of the earth station may not change from those currently authorized.
2. The new remote control point location may move to:
Tromsø Network Operations Center ("TNOC")
Prestvannveien 38
Tromsø, Norway, 9011
Telephone Number (+47) 77 60 02 50
3. Kongsberg must file a modification to the current authorization for E120025, IBFS File No. SES-MOD-20150728-00475, to permanently change of the remote control point location to Tromsø, Norway.
4. Kongsberg Satellite Services must maintain a point of contact within the United States that is available 24 hours a day, 7 days a week, with the ability to shut off this earth station upon notification of harmful interference. That point of contact must be identified under the Site Identifier Contact information, see Form 312 Schedule B Items E4 and E6. The U.S. point of contact for call sign E120025 under this special temporary authority is:

Mike Kaupp
907-868-5375
mkaupp@gci.com
Account Manager
GCI Communications Corp. [the earth station hosting company]
2550 Denali Street, Suite 1000
Anchorage, Alaska 99503
Phone: 1-800-975-2622
Email: cncc@gci.com / bts@gci.com

Fairbanks local address:
GCI Colocation Room
Fairbanks Distribution Center
1300 Van Horn Road
Fairbanks, AK 99701

5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Kongsberg applications.

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.



File # SES-STA-20170112-00045
Call Sign E120025 Grant Date 4/4/2017
(or other identifier)
Term Dates
From 3/3/2017 To: 7/1/2017
Approved: Paul E. Blair

2. Contact	
Name:	Pamela L. Meredith
Phone Number:	202.625.4890
Company:	Zuckert, Scoutt & Rasenberger, L. L.P.
Fax Number:	202.625.8304
Street:	888 Seventeenth St. N.W. Ste. 700
E-Mail:	plmspace@erols.com
City:	Washington
State:	DC
Country:	USA
Zipcode:	20006 -
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 IB2017000110	
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	

7. City/Fairbanks	8. Latitude (dd mm ss.s h) 64 48 47.4 N
9. State AK	10. Longitude (dd mm ss.s h) 147 43 57.3 W
11. Please supply any need attachments. Attachment 1: Exh A, 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.) Kongsberg Satellite Services AS (KSAT) requests a 60-day STA to change the remote control point for the satellite earth station E120025 to be granted contingent upon and concurrent with the grant of the application to assign the station from Terra Bella Technologies Inc. to KSAT. Effective period of STA to begin once the notice of consummation of the	
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.	
14. Name of Person Signing Sten Are Ellefsen	15. Title of Person Signing Legal Counsel
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.

12. Description

Kongsberg Satellite Services AS (KSAT) requests a 60-day STA to change the remote control point for the satellite earth station E120025 to be granted contingent upon and concurrent with the grant of the application to assign the station from Terra Bella Technologies Inc. to KSAT. Effective period of STA to begin once the notice of consummation of the assignment has been filed. See Exhibit A, Narrative Supplement.

Exhibit A – Narrative Supplement
STA Application
Applicant: Kongsberg Satellite Services AS
Call Sign: E120025

Kongsberg Satellite Services AS (“KSAT”) provides this information pursuant to Section 25.120 of the Commission’s rules¹ to supplement its application for special temporary authority (“STA”) to change the remote control point for the transmit/receive satellite earth station in Fairbanks, Alaska (call sign E120025)² (“Station”) from the facility operated by Terra Bella Technologies Inc.³ (“Terra Bella”), formerly known as Skybox Imaging, Inc.,⁴ to KSAT’s Tromsø Network Operations Center (“TNOC”) in Tromsø, Norway.

In a separate application filed concurrently with this STA application, KSAT seeks, with Terra Bella’s assent, the Commission’s consent to assign the license for the Station from Terra Bella to KSAT (“Assignment Application”). KSAT seeks grant of this STA application contingent upon and concurrent with the grant of the Assignment Application.

1. Description of the Request

With this application, KSAT requests special temporary authority to change the remote control point for the Station from Terra Bella’s headquarters in Mountain View, CA to KSAT’s TNOC in Tromsø, Norway.

KSAT seeks this change in the Station’s remote control point because Terra Bella has contracted with KSAT for KSAT to assume ownership of and operational responsibility for the Station. The change is part of Terra Bella’s strategy to focus its efforts on its

¹ 47 C.F.R. § 25.120 (2015). *See also* The International Bureau Provides Guidance Concerning the Relocation of Earth Station Remote Control Points, DA 06-978 (FCC rel. May 4, 2006) (“[W]here a licensee considers a change in the Earth station’s remote control point, including any relocation of the remote control point to a location outside the United States, the licensee must seek prior authorization under Section 25.117 [modification of station license] of the Commission’s rules.”).

² Skybox Imaging, Inc. Application for Fairbanks Earth Station, IBFS File No. SES-LIC-20120131-00120 (FCC, granted Dec. 6, 2012).

³ Terra Bella is a direct, wholly-owned subsidiary of Google, Inc., and Google, Inc. is a direct, wholly-owned subsidiary of Alphabet, making Terra Bella an indirect, wholly-owned subsidiary of Alphabet Inc. Ownership of Skybox Imaging, Inc. was transferred to Google, Inc. in 2014, and then from Google to Alphabet Inc. in 2015. *See* Skybox Imaging, Inc. Application for Transfer of Control E120025 & E130037 (Fairbanks & Half Moon Bay), IBFS File No. SES-T/C-20140613-00519 (FCC, granted July 30, 2014); Skybox Imaging, Inc. Application for Pro Forma Transfer of Control, IBFS File No. SES-T/C-20151019-00746 (FCC, granted Nov. 19, 2015).

⁴ Letter from Ulises R. Pin to Marlene H. Dortch, Notification of Licensee Change of Name (Jan. 12, 2016), attached to Skybox Imaging, Inc. Modification Application, IBFS File No. SES-MOD-20150728-00475 (FCC, granted Nov. 4, 2015).

Exhibit A – Narrative Supplement
STA Application
Applicant: Kongsberg Satellite Services AS
Call Sign: E120025

remote sensing satellite business,⁵ a strategy that is further reflected in the Assignment Application filed concurrently with this application.

KSAT asks that this STA request be granted concurrently with the grant of the Assignment Application and that the STA be valid for a 60-day period that commences with notification of the consummation of the assignment. Within 5 days of the consummation, KSAT will notify the Commission of the consummation of the assignment of the Station, as per Section 25.119(f).⁶ That notification will trigger the start of the 60-day STA period. Shortly after the consummation date for the assignment of the Station license to KSAT, KSAT will file a modification application with the Commission for permanent authority to change the Station's remote control point from Mountain View, CA to Tromsø, Norway.

KSAT has appended to this Narrative Supplement an FCC Form 312 Schedule B for the Station indicating the new remote control point,⁷ contact person,⁸ and telephone number.⁹ All other Schedule B information remains as it appears on the existing license.

2. Public Interest Statement

Grant of this STA request will serve the public interest in accordance with Section 25.120(b)(1) of the Commission's rules.¹⁰ Assuming the assignment application is granted, KSAT will be the new licensee and changing the remote control point to KSAT's TNOC in Tromsø, Norway will increase the operational efficiency of the Station and avoid interruptions in the Station operation.

KSAT will operate the Station remotely from Tromsø, Norway, bringing to bear all the benefits of the TNOC, including the technical expertise and deep experience of its staff, which controls and coordinates the operations for several other ground stations operating with Terra Bella's constellation around the world.

⁵ The Station currently operates with Terra Bella's satellite constellation (call sign S2862). See Skybox Imaging Application for EESS Satellite System, IBFS File No. SAT-LOA-20120322-00058 (FCC, granted Sept. 20, 2012). Terra Bella maintains another ground station in Half Moon Bay, CA (call sign E130037), which is independently capable of providing tracking, telemetry, and control for the SkySat satellite constellation.

⁶ 47 C.F.R. § 25.119(f).

⁷ Form 312, Schedule B, Questions E61-E66 (B10 on Feb. 1998 form).

⁸ Form 312, Schedule B, Question E2 (B1e on Feb. 1998 form).

⁹ Form 312, Schedule B, Question E6 (B1c on Feb. 1998 form).

¹⁰ See 47 C.F.R. § 25.120(b)(1); 47 U.S.C. § 309(f) (2015).

Exhibit A – Narrative Supplement
STA Application
Applicant: Kongsberg Satellite Services AS
Call Sign: E120025

KSAT is a global leader in ground station operations for remote sensing satellites. It operates a global network of ground stations primarily for satellite data acquisition and tracking under contract to commercial and government satellite operators around the world.

Because of KSAT's expertise with the operation and maintenance of satellite earth station facilities, the change in the Station's remote control point should be completed without disruption to its operations or in the provision of service to Terra Bella's customers. KSAT will continue to operate the Station in the same manner that Terra Bella operates it today, in conjunction with the SkySat constellation and in compliance with the Commission's rules (including the rules for control of transmitting stations in Section 25.271¹¹ and inter-system coordination in Section 25.272¹²).

For the aforementioned reasons, KSAT respectfully submits that it is in the public interest to grant the requested STA.

¹¹ 47 C.F.R. § 25.271.

¹² *Id.* § 25.272.

FEDERAL COMMUNICATIONS COMMISSION
SATELLITE EARTH STATION AUTHORIZATIONS
FCC Form 312 - Schedule B: (Technical and Operational Description)

If VSAT Network, provide the SITE-ID (Item B1b) of the station that B8-B13 are in response to (HUB, REMOTE1, etc.): _____

<p>B8. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurements? If NO, provide as an exhibit, a technical analysis showing compliance with two-degree spacing policy.</p> <p style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO									
<p>B9. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements?</p> <p style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO									
<p>B10. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.</p> <p style="text-align: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO									
<p style="text-align: center;">Remote Control Point Location:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; padding: 2px;">B10a. Street Address Prestvannveien 38</td> <td style="width: 20%; padding: 2px;">B10d. State / Country Norway</td> <td style="width: 20%; padding: 2px;">B10e. Zip Code 9011</td> </tr> <tr> <td style="padding: 2px;">B10b. City Tromsø</td> <td colspan="2" style="padding: 2px;">B10g. Call Sign of Control Station (if appropriate)</td> </tr> <tr> <td style="padding: 2px;">B10f. Telephone Number (+47) 77 60 02 50</td> <td colspan="2"></td> </tr> </table>		B10a. Street Address Prestvannveien 38	B10d. State / Country Norway	B10e. Zip Code 9011	B10b. City Tromsø	B10g. Call Sign of Control Station (if appropriate)		B10f. Telephone Number (+47) 77 60 02 50		
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B10b. City Tromsø	B10g. Call Sign of Control Station (if appropriate)									
B10f. Telephone Number (+47) 77 60 02 50										
<p>B11. Is frequency coordination required? If YES, attach a frequency coordination report as an exhibit.</p> <p style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO									
<p>B12. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as an exhibit.</p> <p style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO									
<p>B13. FAA Notification - (See 47 CFR Part 17 and 47 CFR Part 25.113(c)) Where FAA notification is required, have you attached a copy of a completed FCC Form 854 and/or the FAA's study regarding the potential hazard of the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.</p> <p style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</p>		<input type="checkbox"/> YES <input type="checkbox"/> NO								