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Division of Biological Sciences

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File # _____

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
180-Day STA Application for TT&C

I. Applicant

Name:	RBC Signals, LLC	Phone Number:	404-803-7734
DBA Name:		Fax Number:	States
Street:	2205 152nd Ave NE	E-Mail:	crichins@rbcsignals.com
City:	Redmond	State:	WA
Country:	USA	Zipcode:	98052 -
Attention:	Mr. Christopher Richins		



File # SES-STA-20170731-00848

Call Sign N/A Grant Date 09/11/2017
(or other identifier)

Term Dates
From: 09/11/2017 To: 03/10/2018

Approved: Paul E. Klein

"With conditions"

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File # _____

Applicant: RBC Signals, LLC
File No: SES-STA-20170731-00848
Call Sign: None
Special Temporary Authority (STA)

RBC Signals, LLC is granted a special temporary authority for 180-day, beginning September 11, 2017 to March 10, 2018, to operate a 3.5 meter earth station antenna ("M2 3.5m") at a facility in Deadhorse, Alaska to communicate with foreign-licensed low-Earth orbit ("LEO") mobile-satellite service ("MSS") CubeSat's; ["Red Diamond", "Green Diamond" and "Blue Diamond" (the "3 Diamonds")] licensed by United Kingdom to perform tracking, telemetry and command ("TT&C") using the following frequency bands: 399.926-399.950 MHz (Earth-to-space) and 401.05-401.25 MHz (space-to-Earth), under the following conditions:

1. Operations shall be on an unprotected, non-interference basis with respect to other authorized stations, including federal stations.
2. This is not a grant of market access to the 3 Diamonds system.
3. Any future requests or extensions will need to submit applications to the FCC to be re-coordinated with NTIA.
4. RBC Signals, LLC will inform NTIA (bmittchell@ntia.doc.gov, 202-482-4487) and the FCC (Paul.Blais@fcc.gov, 202-418-7274) at least 24 hours prior to the planned operations or if delayed beyond the requested beginning date 09/11/2017.
5. RBC Signals, LLC shall be aware that future non-federal launch and early orbit operations will be considered on a case-by-case basis, especially for requests in the band 399-402 MHz, and RBC Signals, LLC shall have no expectations that future operations will be approved.
6. All transmissions in the band 399-402 MHz must comply with national and international power flux-density limits.
7. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at RBC Signals, LLC's risk.
8. This grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.


180 days *with conditions"*

File # SES-STA-20170731-00848

Call Sign N/A **Grant Date** 09/11/2017
(or other identifier)

Term Dates
From: 09/11/2017 **To:** 03/10/2018

Approved: Paul E Blais



GRANTED
International Bureau

2. Contact	
Name: Carlos Nalda	Phone Number: 5713325626
Company: LMI Advisors	Fax Number:
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 SESSTA2017061300643 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 CGB – Mobile Satellite Earth Stations	
5. Type Request	
<input checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other	
6. Requested Use Prior Date 08/23/2017	
7. City Deadhorse	8. Latitude (dd mm ss.s h) 70 12 45.0 N

9. State AK	10. Longitude (dd mm ss.s h) 148 24 29.0 W
11. Please supply any need attachments. Attachment 1: Technical Appendix Attachment 2: Attachments 1 & 2 Attachment 3: Narrative	
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;">RBC Signals seeks a 180-day STA to operate an earth station at a facility in Deadhorse, Alaska to communicate with certain foreign-licensed LEO MSS satellites to perform TT&C.</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 Christopher Richins	15. Title of Person Signing CEO
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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