

Date: _____	
To: _____	
For: _____	
From: _____	To: _____
Call Date: _____	

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for 60-Day STA for TT&C

1. Applicant

Name:	RBC Signals, LLC	Phone Number:	404-803-7734
DBA Name:		Fax Number:	
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-20171213-01333

Call Sign N/A Grant Date 01/10/2018
(or other identifier)

Term Dates
From: 01/10/2018 To: 03/11/2018

Approved: [Signature]

Applicant: RBC Signals, LLC
No Call Sign
File Number: SES-STA-20171213-01333
Special Temporary Authority (STA)


RBC Signals, LLC (“RBC Signals”) is granted STA for 60 days beginning January 10, 2018 to operate a fixed earth station located at 70° 12’ 45.0” N/148° 24’29.0” W in Deadhorse, Alaska with the Arkyd 6A and Arkyd 6B non-geostationary satellites to provide tracking, telemetry and command (TT&C) functions in the 449.93-450.07 MHz and 450.20-450.25 MHz (Earth-to-space) and 401.43-401.57 MHz (space-to-Earth) frequency bands under the following conditions:

1. Operations may not exceed the operational power levels and parameters requested and coordinated.
2. Operations shall be on an unprotected, non-interference basis with respect to other authorized stations, including federal stations.
3. Any future requests or extensions will need to the FCC to be coordinated with NTIA. RBC Signals will inform NTIA (bmitchell@ntia.doc.gov or by phone 202-482-4487) and the FCC (Paul.Blais@fcc.gov or by phone 202-418-7274) at least 24 hours prior to the planned operations or if delayed beyond the requested beginning date 01/10/2018.
4. RBC Signals must provide any contact, orbital and schedule updates to AF at AFSPC.A6CE.SMO@us.af.mil. This will provide AFSPC situational awareness. In addition, NTIA (bmitchell@ntia.doc.gov or by phone 202-482-4487) and the FCC (Paul.Blais@fcc.gov or by phone 202-418-7274) must also relay any changes to AF at AFSPC.A6CE.SMO@us.af.mil should they receive from RBC Signals, LLC.
5. RBC Signals 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 401.43-450.25 MHz, and RBC Signals shall have no expectations that future operations will be approved.
6. All transmissions in the band 449.93-450.07 MHz and 450.20-450.25 must comply with national and international power flux-density limits.
7. Operations, shall not cause harmful interference to, and shall not claim protection from interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
8. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at RBC Signals’ risk.
9. 24/7 point of contact for STA operations must be available while frequencies are in use.

10. Grant of this authorization is without prejudice to any determination that the commission may make regarding pending or future RBC Signals applications.
11. Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector. Appropriate measures must also be taken to restrict access to other regions in which the earth station's power flux density levels exceed the specified guidelines. The licensee shall take all necessary measures to ensure that the antenna does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.

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.

60 days "with conditions"

 GRANTED International Bureau	File # <u>SES-STA-20171213-01333</u>
	Call Sign <u>N/A</u> Grant Date <u>01/10/2018</u> (or other identifier)
	Term Dates From: <u>01/10/2018</u> To: <u>03/11/2018</u>
	Approved: <u>Karl E. Hays</u>

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 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 checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other	
6. Requested Use Prior Date 01/04/2018	
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: Legal Narrative Attachment 2: Rad Haz Report Attachment 3: Draft 312 Schedule B	
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;">RBC Signals seeks 60-day STA to perform limited TT&C for Arkyd 6A and 6B.</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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