

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
30-Day STA Request (Tyvak)

1. Applicant

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



File # SES - STA - 20180830 - 00293  
Call Sign N/A Grant Date 7/30/2018  
(or other identifier) Term Dates  
From 3/30/2018 To: 4/29/2018  
Approved: [Signature]

Applicant: RBC Signals, LLC  
File No: SES-STA-20180330-00293  
Call Sign: None  
Special Temporary Authority (STA)

This authority is granted based on the report that due to a mechanical failure of the Tyvak Nano-Satellite Systems Inc. ground station in Norway Tyvak is unable to adequately communicate with the four CICERO NGSO spacecraft to provide them tracking, telemetry and command signals.

RBC Signals, LLC, is authorized special temporary authority for 30 days beginning March 30, 2017 to operate a 3.57 meter Yagi antenna fixed earth station in Deadhorse, AK, to provide telemetry, tracking and command services in the 401-401.3 MHz (Earth-to-space/space-to-Earth) frequency band to the four Norwegian-licensed CICERO spacecraft operating that are operating at an orbital altitude of approximately 550 km and an inclination of 97.8° on the following conditions:

1. Operations are authorized only as specified below.

	Freq,	Polar	Emission Carrier (dBW)	EIRP per (dBW/4KHz)	PFD
Transmitting:					
	401.0-401.3 MHz	RHC	16K5G2D	44.7	32.7
Receiving:					
	401.0-401.3 MHz	RHC	16K5G2D	N/A	N/A

2. The Remote Control Point Location located at 2205 152nd Street NE, Redmond (King), Washington 98052, Tel.650-746-8744 must be available at all times to respond to interference issues and shut down operations if needed.

3. Operations shall be on an unprotected, non-interference basis with respect to other authorized stations, including federal stations.

4. This is not a grant of market access to the United States.

5. RBC Signals, LLC shall be aware that future STA requests will be considered on a case-by-case basis and shall have no expectations that future operations will be approved.

6. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at RBC Signals, LLC's risk.

7. Grant of this STA is without prejudice to any determination that the Commission may make regarding any future applications.

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.



File # SES-STA-20180330 - 00293  
Call Sign N/A Grant Date 3/30/2018  
(or other identifier)  
Term Dates  
From 3/30/2018 To: 4/29/2018  
Approved: Paul E. Hines

<b>2. Contact</b>	
<b>Name:</b> Carlos Nalda	<b>Phone Number:</b> 5713325626
<b>Company:</b> LMI Advisors	<b>Fax Number:</b>
<b>Street:</b> 2550 M Street NW Suite 345	<b>E-Mail:</b> cnalda@lmiadvisors.com
<b>City:</b> Washington	<b>State:</b> DC
<b>Country:</b> USA	<b>Zipcode:</b> 20037
<b>Attention:</b>	<b>Relationship:</b> 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 04/02/2018	
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: Technical Appendix Attachment 2: Narrative Attachment 3: 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.) <div style="border: 1px solid black; padding: 5px; margin: 5px 0;">30-day STA extension request to provide TT&amp;C for the CICERO mission</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. <p style="text-align: center;">Yes <input checked="" type="radio"/> No <input type="radio"/></p>	
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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