

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Sentinels 3A LEOP

1. Applicant

Name: Universal Space Network, Inc. **Phone Number:** 215-328-9130
DBA Name: **Fax Number:** 215-328-9132
Street: 417 Caredean Drive **E-Mail:** jgreet@uspacenet.com
Suite A
City: Horsham **State:** PA
Country: USA **Zipcode:** 19044
Attention: Joanne Greet



GRANTED
International Bureau

File # SES-STIA-20150917-00592
Call Sign NONE Grant Date 2/12/2016
(or other identifier) Term Dates
From 2/16/2016 To: 3/16/2016
Approved: Paul E. Bisco

Universal Space Network, Inc. (USN)
File No.: SES-STA-20150917-00592
Call Sign: None



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Universal Space Network, Inc. (USN) is granted special temporary authority beginning February 16, 2016 for 30 days to operate its fixed earth station in North Pole, AK, to provide Launch and Early Orbit Support (LEOP) service to the Sentinels-3A spacecraft licensed by the European Space Agency. Communications shall consist of ranging (tone uplink), telecommand, and telemetry of the satellite. Authority is granted under the following conditions.

1. Operations are limited to the following frequencies, emissions and power limits:

| Frequency | Emissions | Max.EIRP(dBW) | Max.EIRP Den.(dBW/4KHz) |
|------------------------------|-----------|---------------|-------------------------|
| Transmitting 2075.650 MHz | 400KGID | 68 | 48 |
| Receiving: 2254.099 MHz | 400KG1D | | |

2. Operations must comply with the satellite operator's coordinated agreements for the Sentinels-3A spacecraft with U.S. satellite operators. If no agreements exist then operations are not permitted.

3. This is not a grant of market access for the Sentinels 3A spacecraft.

4. Operations, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station(s). USN shall cease transmission(s) immediately upon notice of such interference and report the interference to the FCC point of contact Paul.Blais@fcc.gov, 202-418-7274 within 24 hours of occurrence.

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

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

7. This action is issued pursuant to Section 0.26I of the Commission's rules on delegated authority, 47 C.F.R. §0.26I, and is effective immediately.