

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
WB36 STA to Operate Orbit Model OrBand AL-7108-C 2.4 Meter C-band Remote Antennas

1. Applicant

Name:	Marlink, Inc.	Phone Number:	713-910-3352
DBA Name:		Fax Number:	713-946-0403
Street:	11707 South Sam Houston Parkway West Suite A	E-Mail:	Tom.Collins@marlink.com
City:	Houston	State:	TX
Country:	USA	Zipcode:	77031
Attention:	Tom Collins		



File # SES-STA-20170427-00469
WB36 Call Sign Grant Date 5-24-17
(or other identifier)
From: 5-5-17 Term Dates To: 7-4-17
Approved: Paul E. H. [Signature]

Applicant: Marlink, Inc.
Call Sign: WB36
File No.: SES-STA-20170427-00469
Special Temporary Authority (STA)



File # SES-STA-20170427-00469
Call Sign WB36 Grant Date 5-4-17
(or other identifier)
From: 5-5-17 Term Dates To: 7-4-17
Approved: Paul E. Hines

Marlink, Inc. ("Marlink") is granted special temporary authority for 60 days to operate the maximum of fifteen 2.4 meter Orbit Model OrBand AL-7108-C Earth Station on Vessel (ESV) earth stations with the NSS-9 (S2756) satellite at the 177° W.L. orbital location and the SES-4 (S2828) satellite at the 22° W.L. orbital location in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands under the following conditions:

1. Operations will not exceed the operational power levels and parameters requested and coordinated.
2. 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.
3. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Marlink's risk.
4. 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.
5. 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.
6. Antenna elevation angle must be at least 5 degrees above the geographic horizon.
7. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending application SES-MOD-20170407-00373.

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.

2. Contact

Name: Marlink, Inc. **Phone Number:** 281-606-0117
Company: **Fax Number:** 713-946-0403
Street: 11707 South Sam Houston E-Mail: James.Lovelace@marlink.com
 Parkway West
 Suite A
City: Houston **State:** TX
Country: USA **Zipcode:** 77031 -
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 SESMOD2017040700373 or Submission ID

4a. Is a fee submitted with this application?

If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).

Governmental Entity Noncommercial educational licensee

Other (please explain):

4b. Fee Classification CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

Use Prior to Grant

Change Station Location

Other

6. Requested Use Prior Date

05/05/2017

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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

Marlink, Inc. (Marlink) requests a grant of Special Temporary Authority to operate Orbit Model OrBand AL-7108-C 2.4 Meter C-band Remote Antennas to provide Earth Station on Vessel ('ESV') service pursuant to its call sign WB36 license ESV authorization. The antennas will be located on vessels traveling in U.S. and international waters. All will operate through hub antennas already authorized by the Commission. As with the application for permanent authority, the STA is requested to operate the antennas in the C-band to communicate via All Authorized U.S. Domestic Satellites on the Space Station Permitted List and provide ESV service in the same manner as previously authorized by the Commission for existing WB36 licensed ESV antennas.

Marlink, Inc.

Request for Special Temporary Authority to Operate
Orbit Model OrBand AL-7108-C 2.4 Meter C-band Remote Antennas
To Provide Earth Station on Vessel (ESV) Service

Call Sign WB36

FILE NO. SES-MOD-20170407-00373

Marlink, Inc. (Marlink) requests a grant of Special Temporary Authority ("STA") to operate Orbit Model OrBand AL-7108-C 2.4 Meter C-band Remote Antennas ("AL-7108-C") to provide ESV service pursuant to its call sign WB36 license ESV authorization. The STA is requested to allow Marlink to operate these antennas through U.S. teleports while the Commission processes Marlink's pending application for permanent authority. The antennas will be located on vessels traveling in U.S. and international waters. All will operate through hub antennas already authorized by the Commission. As with the application for permanent authority, the STA is requested to operate the antennas in the C-band to communicate via All Authorized U.S. Domestic Satellites on the Space Station Permitted List and provide ESV service in the same manner as previously authorized by the Commission for existing WB36 licensed ESV antennas.

Marlink's Showing of Compliance that the antennas comply with the Commission's Rules is set forth in the pending Application and Exhibits to same which are hereby incorporated by reference. As detailed therein, the antennas fully comply with all Commission Regulations and no waivers are needed or requested for operation of the antennas.

Grant of STA to operate these ESV antennas is in the public interest because it will enable Marlink to provide service to customers that already have the antenna on their vessels and are now receiving service from a Marlink affiliate via teleports not located in the U.S. but which with STA could be serviced by Marlink via U.S. teleports. Such vessels are often at sea for prolonged periods and have limited communications with the outside world. In addition to enhancing the capabilities that ESV services provide for ship operations and crucial emergency communications, additional ESV options facilitate access to the internet, telephone, and email by crew personnel while at sea thus providing a much needed lifeline that contributes to the crew members' health, well-being, and safety.

Accordingly, Marlink respectfully requests that the Bureau grant the STA for a period of sixty days for Marlink to operate the AL-7108-C remote antenna to provide ESV service. Any questions with respect to this matter may be directed to James G. Lovelace at (281)606 0117.