

**FEDERAL COMMUNICATIONS COMMISSION**  
**SATELLITE EARTH STATION AUTHORIZATIONS**  
**(Technical and Operational Description)**

(Place an "X" in one of the blocks below)

License of New Station     Registration of New Domestic Receive-Only Station     Amendment to a Pending Application     Modification of License/Registration     Notification of Minor Modification

**B1. Location of Earth Station Site.** If temporary-fixed, mobile, or VSAT remote facility, specify area of operation and point of contact. If VSAT hub station, give its location. For VSAT networks attach individual Schedule B, Page 1 sheets for each hub station and each remote station. Individually provide the Location, Points of Communications, and Destination Points for each hub and remote station.

B1a. Station Call Sign	B1b. Site Identifier (HUB, REMOTE1, etc.) <b>O3b Six-Ship Waiver</b>	B1c. Telephone Number <b>703.366.1500</b>	B1j. Geographic Coordinates Deg. - Min. - Sec. - N/S E/W	B1k. Lat./Lon. Coordinates are: <input type="checkbox"/> NAD-27 <input type="checkbox"/> NAD-83
B1d. Street Address of Station or Area of Operation <b>Maritime earth stations operating in U.S. waters on foreign vessels</b>		B1e. Name of Contact Person <b>O3b Network Operations Center</b>		Lat. <u>  0  </u> <u>  0  </u> <u>  0  </u> Lon. <u>  0  </u> <u>  0  </u> <u>  0  </u>
B1f. City	B1g. County	B1h. State	B1i. Zip Code	B1l. Site Elevation (AMSL) <b>0 meters</b> meters

**B2. Points of Communications:** List the names and orbit locations of all satellites with which this earth station will communicate. The entry "ALSAT" is sufficient to identify the names and locations of all satellite facilities licensed by the U.S. All non-U.S. licensed satellites must be listed individually.

Satellite Name and Orbit Location	Satellite Name and Orbit Location	Satellite Name and Orbit Location
<b>O3b Constellation</b>		

**B3. Destination points for communications using non-U.S. licensed satellites.** For each non-U.S. licensed satellite facility identified in section B2 above, specify the destination point(s) (countries) where the services will be provided by this earth station via each non-U.S. licensed satellite system. Use additional sheets as needed.

Satellite Name	List of Destination Points
<b>O3b Constellation</b>	<b>See narrative</b>







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FCC Form 312 - Schedule B: (Technical and Operational Description)**

If VSAT Network, provide the SITE-ID (Item B1b) of the station that B8-B13 are in response to (HUB, REMOTE1, etc.): \_\_\_\_\_

B8. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with <b>geostationary</b> satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurements? If NO, provide as an exhibit, a technical analysis showing compliance with two-degree spacing policy.	<input type="checkbox"/> YES	<input type="checkbox"/> NO												
B9. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with <b>non-geostationary</b> satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO												
B10. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO												
<b>Remote Control Point Location:</b>														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="4" style="padding: 2px;">                     B10a. Street Address                      8000 Gainsford Court                 </td> </tr> <tr> <td style="width: 33%; padding: 2px;">                     B10b. City                      Bristow                 </td> <td style="width: 33%; padding: 2px;">                     B10c. County                      Prince William                 </td> <td style="width: 17%; padding: 2px;">                     B10d. State / Country                      VA                 </td> <td style="width: 17%; padding: 2px;">                     B10e. Zip Code                      20136                 </td> </tr> <tr> <td colspan="2" style="padding: 2px;">                     B10f. Telephone Number                      703.366.1500                 </td> <td colspan="2" style="padding: 2px;">                     B10g. Call Sign of Control Station (if appropriate)                 </td> </tr> </table>			B10a. Street Address 8000 Gainsford Court				B10b. City Bristow	B10c. County Prince William	B10d. State / Country VA	B10e. Zip Code 20136	B10f. Telephone Number 703.366.1500		B10g. Call Sign of Control Station (if appropriate)	
B10a. Street Address 8000 Gainsford Court														
B10b. City Bristow	B10c. County Prince William	B10d. State / Country VA	B10e. Zip Code 20136											
B10f. Telephone Number 703.366.1500		B10g. Call Sign of Control Station (if appropriate)												
B11. Is frequency coordination required? If YES, attach a frequency coordination report as an exhibit.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO												
B12. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as an exhibit.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO												
B13. <b>FAA Notification - (See 47 CFR Part 17 and 47 CFR Part 25.113(c))</b> <b>Where FAA notification is required, have you attached a copy of a completed FCC Form 854 and/or the FAA's study regarding the potential hazard of the structure to aviation?</b> <b>FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.</b>	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO												