

FCC 312
Schedule B

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

Page 1: Location

☐ 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 KA399	B1b. Site Identifier (HUB, REMOTE1, etc.)	B1c. Telephone Number 540-477-5550	B1j. Geographic Coordinates Deg. - Min. - Sec. - E/W Lat. 38 43 46 N Lon. 78 39 30 w	B1k. Lat/Lon. Coordinates are: <input type="checkbox"/> NAD-27 <input checked="" type="checkbox"/> NAD-83
B1d. Street Address of Station or Area of Operation 1305 Industrial Park Road		B1e. Name of Contact Person Matt Spears		
B1f. City Mount Jackson	B1g. County Shenandoah	B1h. State VA	B1i. Zip Code 22842	B1l. Site Elevation (AMSL) 295.9 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
Telstar 11N, 37.55 W.L.	

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

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

[illegible][illegible]

Notes: * If this is an application for a VSAT network, identify the site (Item B1b, Schedule B, Page 1) where each antenna is located. Also include this Site-ID on Schedule B, Page 5.

** Identify each antenna in VSAT network or multi-antenna station with a unique identifier, such as HUB, REMOTE1, A1, A2, 10M, 12M, 7M, etc. Use this same antenna throughout tables B4, B5, B6, and B7 when referring to the same antenna.

*** Attach sketch of site or exemption, See 47 CFR Part 17.

B6. Frequency Coordination Limits: Use additional pages as needed.

[illegible]

Notes: * Provide the ANTENNA-ID from table B4 to identify the antenna to which each frequency band and orbital arc range is associated.

****** If operating with geostationary satellites, give the orbital arc limits and the associated elevation and azimuth angles. If operating with non-geostationary satellites, give the notation "NON-GEO" for the satellite arc and give the minimum operational elevation angle and the maximum azimuth angle range.

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 geostationary 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 checked="" 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 non-geostationary 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 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 type="checkbox"/> YES	<input checked="" type="checkbox"/> NO															
Remote Control Point Location:																			
<table> <tr> <td colspan="2">B10a. Street Address</td> <td colspan="3"></td> </tr> <tr> <td>B10b. City</td> <td>B10c. County</td> <td>B10d. State / Country</td> <td colspan="2">B10e. Zip Code</td> </tr> <tr> <td colspan="2">B10f. Telephone Number</td> <td colspan="3">B10g. Call Sign of Control Station (if appropriate)</td> </tr> </table>					B10a. Street Address					B10b. City	B10c. County	B10d. State / Country	B10e. Zip Code		B10f. Telephone Number		B10g. Call Sign of Control Station (if appropriate)		
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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. FAA Notification - (See 47 CFR Part 17 and 47 CFR Part 25.113(c)) 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?			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO															
FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.																			