SATELLITE EARTH STATION AUTHORIZATIONS
FCC Form 312 - Schedule B:(Technical and Operational Description)
FOR OFFICIAL USE ONLY

Location of Earth Station Site

E1: Site Identifier:	E5. Call Sign:
E2: Contact Name	E6. Phone Number:
E3. Street:	E7. City:
	E8. County:
E4. State	E9. Zip Code
E10. Area of Operation:	
E11. Latitude: ° ' "	
E12. Longitude: ° ' "	
E13. Lat/Lon Coordinates are:	○ NAD-27 ○ NAD-83 ○ N/A
E14. Site Elevation (AMSL):	meters

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as dem by the manufacturer's qualification measurement? If NO, provide as a technical analysis showing compliar two-degree spacing policy.	○ Yes ○ No ○ N/A

E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in t Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's certification measurements?	○ Yes ○ No ○ N/A
E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the c point.	○ Yes ○ No

E18. Is frequency coordination required? If YES, attach a frequency coordination report as	○ Yes ○ No
E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as	○ Yes ○ No
E20. FAA Notification - (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where FAA notification is req have you attached a copy of a completed FCC Form 854 and/or the FAA's study regarding the potential ha the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.	○ Yes ○ No

POINTS OF COMMUNICATION

Satellite Name: ALSAT | ALL AUTHORIZED U.S. | ALSAT If you selected OTHER, please enter the following:	
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:

POINTS OF COMMUNICATION (Destination Points)

E25. Site Identifier: PMDMCE	

E26. Common Name:	E27. Country: USA

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size<meters>	E41/42. Antenna Gain Transmint and/or Recieve (____dBi at _____GHz)	
PMDMCE	PMDMCE	1	L-3 Communications	7186095-00	6.25	57.37dBi at 14	

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	E36. Above Sea Level(meters)	E37. Building Height Above Ground Level (meters)	E38. Total Input Power at antenna flange (Watts)	E39. Maximum Antenna Height Above Rooftop (meters)	E40. Total EIRP for al carriers(dBW)
PMDMCE	0.0/0.0	6.7	739.7	0.0	8.0	0.0	23.0

FREQUENCY

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode	E46. Antenna Polarization(H,V, L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
PMDMCE	11700 12200	R	Horizontal and Vertical	12M4G1D	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it i
entirety.)

NULL

PMDMCE	11700 12200	R	Horizontal and Vertical	3M35G1D	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it i
entirety.)

NULL

PMDMCE	11700 12200	R	Horizontal and Vertical	43M3G1D	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it i
entirety.)

NULL

PMDMCE	11700 12200	R	Horizontal and Vertical	57M8G1D	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it in entirety.)

NULL

PMDMCE	11700 12200	R	Horizontal and Vertical	65M0G1D	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it in entirety.)

NULL

PMDMCE	11700 12200	R	Horizontal and Vertical	69M1G1D	0.0	0.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it in entirety.)

NULL

PMDMCE	14000 14500	T	Horizontal and Vertical	433KG1D	23.0	-15.0

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it i entirety.)

QPSK with Reed-Solomon (208,192) concatenated with rate 1/2 constraint length 7 convolutional encoding

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/Western Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
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REMOTE CONTROL POINT LOCATION

E61. Call Sign NOTE: Please enter the callsign of the controlling station, not tl callsign for which this application is being filed.		E66. Phone Number	
E62. Street Address			
E63. City	E68. County	E67/68. State/Country /	E64. Zip Code

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