Satellite Transmitter Data

Transmit Frequency: 401.0 - 401.2MHz		
Satellite Name: LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4		
Data Field	**Data Answer**	**Description/Comments**
Polarization (XAP)	XAP = J	POLARIZATIONS INCLUDE : H = HORIZONTAL, V = VERTICAL, S = HORIZONTAL AND VERTICAL, L = LEFT HAND CIRCULAR, R = RIGHT HAND CIRCULAR, T = RIGHT AND LEFT HAND CIRCULAR, J = LINEAR POLARIZATION
Orientation (XAZ)	XAZ = EC	NB= NARROWBEAM EC = EARTH COVERAGE
Antenna Dimension (XAD)	ANTENNA GAIN____-2.5dBi_____ BEAMWIDTH ____360_____ XAD = UD2P -2.5G360B	(NTIA format (XAD), EXAMPLE, XAD01 16G030B)
Type of satellite (State = SP) (City = geo or non)	Type = Nongeostationary	Choose either: Geostationary or Nongeostationary
For Geostationary	Longitude =	IF ANY SATELLITES ARE GEOSTATIONARY, REPORT ITS LATITUDE AS 000000N (XLA AND/OR RLA) AND REPORT ITS LONGITUDE (XLG AND/OR RLG).
For Nongeostationary (Orbital Data)	INCLINATION ANGLE____98_____, APOGEE IN KILOMETERS__550___, PERIGEE IN KILOMETERS__550_____, ORBITAL PERIOD IN HOURS ___1____AND FRACTIONS OF HOURS IN DECIMAL__58____, THE NUMBER OF SATELLITES IN THE SYSTEM____4_____, REM01 *ORB = 98.0IN00550AP00550PE001.58H02N REM02 *ORB = 51.6IN00420AP00420PE001:53H01N REM03 *ORB = 98.0IN00500AP00500PE001.57H01N	IF ANY SATELLITES ARE NONGEOSTATIONARY, REPORT ITS INCLINATION ANGLE, APOGEE IN KILOMETERS, PERIGEE IN KILOMETERS, ORBITAL PERIOD IN HOURS AND FRACTIONS OF HOURS IN DECIMAL, THE NUMBER OF SATELLITES IN THE SYSTEM, THEN T01, EXAMPLE, REM04 *ORB,98.0IN00510AP00510PE001.58H01NRT01, AND FOR SPACE-TO-SPACE COMMUNICATIONS WITH ANOTHER NONGEOSTATIONARY SATELLITE ADD AN ADDITIONAL *ORB FOR IT ENDING IN R01, EXAMPLE, REM05 *ORB,72.9IN03209AP00655PE013.46H01NRR01

Earth Station Data (Receiver) - Section Below

Ground Station ID	Physical Location	Latitude (DDMMSS)	Longitude (DDDMMSS)	Antenna Polarization (RAP)	Antenna Azimuth (RAZ)	Antenna Gain	Beamwidth	Azimuthal Range	Site Elevation Above Mean Sea Level (m)	Antenna Height Above Terrain (m)	Antenna Dimensions (RAD)	FCC Notes
BDAGS	1 Middle Road Smiths, Bermuda	321847N	0644456W	RAP	V00	11.5	60	000-360	25	2	11.5G60B000-360A25H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
BDLGS	155 Locust Street Hartford, CT 06114, USA	414438N	0723954W	JAP	V00	8.5	60	000-360	10	10	8.5G60B000-360A10H10	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
BDUGS	Bygården Hans Karolius vei 6 9300 Finnsnes, Norway	691341N	0175913E	RAP	V00	11.5	60	000-360	8	15	11.5G60B000-360A8H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
CLTGS	5821 Fairview Road Charlotte, NC 28209, USA	350907N	0805035W	RAP	V00	13.5	37	000-360	225	20	13.5G37B000-360A225H20	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
CLTGS2	5821 Fairview Road Charlotte, NC 28209, USA	350907N	0805035W	RAP	V00	11.5	60	000-360	225	20	11.5G60B000-360A225H20	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
CMBGS	SupremeSAT Teleport Kandy, Sri Lanka	071634N	0804323E	RAP	V00	11.5	60	000-360	457	3	11.5G60B000-360A457H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
DALGS	904 Quality Way Richardson, TX 75081, USA	325758N	0964240W	RAP	V00	11.5	60	000-360	10	15	11.5G60B000-360A10H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
DLHGS	3401 Technology Drive Duluth, MN 55811, USA	464937N	0920748W	RAP	V00	13.5	37	000-360	420	8	13.5G37B000-360A420H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
DLHGS2	3401 Technology Drive Duluth, MN 55811, USA	464937N	0920748W	RAP	V00	11.5	60	000-360	420	8	11.5G60B000-360A420H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
GLAGS	5B, Skypark 5 45 Finnieston Street Glasgow G3 8JU, United Kingdom	555138N	0041641W	RAP	V00	13.5	37	000-360	47	35	13.5G37B000-360A47H35	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
GLAGS2	5B, Skypark 5 45 Finnieston Street Glasgow G3 8JU, United Kingdom	555138N	0041641W	RAP	V00	11.5	60	000-360	47	35	11.5G60B000-360A47H35	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
GUMGS	312 Route 2A, Shell Fuel Farm Road Piti, Guam, 96925, USA	132454N	1444113E	RAP	V00	11.5	60	000-360	43	12	11.5G60B000-360A43H12	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
HLEGS	15°56'S 005°43'W	155628S	0054218W	RAP	V00	11.5	60	000-360	402	3	11.5G60B000-360A402H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
ITOGS	93-1704 South Point Road Naalehu, HI 96772-0842, USA	190050N	1553943W	RAP	V00	13.5	37	000-360	220	2	13.5G37B000-360A220H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
ITOGS2	93-1704 South Point Road Naalehu, HI 96772-0842, USA	190050N	1553943W	RAP	V00	11.5	60	000-360	220	2	11.5G60B000-360A220H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
IVCGS	41 Smith Road Lochiel, Winton 9781, New Zealand	461222S	1682010E	RAP	V00	13.5	37	000-360	49	3	13.5G37B000-360A49H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
IVCGS2	41 Smith Road Lochiel, Winton 9781, New Zealand	461222S	1682010E	RAP	V00	11.5	60	000-360	49	3	11.5G60B000-360A49H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
JNBGS	Farm 502 JQ Hartebeesthoek District Krugersdorp Gauteng, South Africa	255310S	0274243E	RAP	V00	11.5	60	000-360	1508	2	11.5G60B000-360A1508H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
JNUGS	MXAK 1050 Harbor Way Juneau, AK 99824, USA	581804N	1342530W	RAP	V00	11.5	60	000-360	14	15	11.5G60B000-360A14H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
JNUGS2	MXAK 1050 Harbor Way Juneau, AK 99824, USA	581804N	1342530W	RAP	V00	13.07	46	000-360	14	15	13.07G46B000-360A14H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
ORKGS	Elfordstown Teleport Elfordstown, Co. Cork, Ireland	515711N	0081026W	RAP	V00	11.5	60	000-360	94	5	11.5G60B000-360A94H5	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
PSYGS	51°42'S 57°51'W	514200S	0575100W	RAP	V00	13.5	37	000-360	1	3	13.5G37B000-360A1H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
PSYGS2	51°42'S 57°51'W	514200S	0575100W	RAP	V00	11.5	60	000-360	1	3	11.5G60B000-360A1H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
SEAGS	Telx Seattle 3433 S 120th Place Tukwila, Washington 98168, USA	472931N	1221717W	RAP	V00	11.5	60	000-360	5	8	11.5G60B000-360A5H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
SINGS	Bukit Timah, Singtel, Singapore	012104N	1034724E	RAP	V00	11.5	60	000-360	52	15	11.5G60B000-360A52H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
SMAGS	ESA Satellite Ground Station Rua Assomada, 9580-471 Vila do Porto, Santa Maria, Açores	365949N	0250810W	RAP	V00	11.5	60	000-360	199	2	11.5G60B000-360A199H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
STXGS	23 Estate Northside Frederiksted, VI 00840, St. Croix, USA	174540N	0645306W	RAP	V00	11.5	60	000-360	8	10	11.5G60B000-360A8H10	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
TUSGS	Involta 1215 E Pennsylvania Street Tucson, AZ 85714, USA	321019N	1105714W	RAP	V00	13.07	46	000-360	728	10	13.07G46B000-360A728H10	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
WBUGS	1825 33rd St. Suite 100, Boulder, CO 80301	400105N	1051504W	RAP	V00	11.5	60	000-360	1613	8	11.5G60B000-360A1613H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
WBUGS2	1825 33rd St. Suite 100, Boulder, CO 80301	400105N	1051504W	RAP	V00	13.07	46	000-360	1613	8	13.07G46B000-360A1613H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
XSPGS	11 Seletar Satellite Station Road Singapore 788508	012349N	1035006E	RAP	V00	11.5	60	000-360	30	12	11.5G60B000-360A30H12	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)

Satellite Transmitter Data

Transmit Frequency: 402.6 - 402.8MHz		
Satellite Name: LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4		
Data Field	**Data Answer**	**Description/Comments**
Polarization (XAP)	XAP = J	POLARIZATIONS INCLUDE : H = HORIZONTAL, V = VERTICAL, S = HORIZONTAL AND VERTICAL, L = LEFT HAND CIRCULAR, R = RIGHT HAND CIRCULAR, T = RIGHT AND LEFT HAND CIRCULAR, J = LINEAR POLARIZATION
Orientation (XAZ)	XAZ = EC	NB= NARROWBEAM EC = EARTH COVERAGE
Antenna Dimension (XAD)	ANTENNA GAIN____-2.5dBi_____ BEAMWIDTH ____360_____ XAD = UD2P -2.5G360B	(NTIA format (XAD), EXAMPLE, XAD01 16G030B)
Type of satellite (State = SP) (City = geo or non)	Type = Nongeostationary	Choose either: Geostationary or Nongeostationary
For Geostationary	Longitude =	IF ANY SATELLITES ARE GEOSTATIONARY, REPORT ITS LATITUDE AS 000000N (XLA AND/OR RLA) AND REPORT ITS LONGITUDE (XLG AND/OR RLG).
For Nongeostationary (Orbital Data)	INCLINATION ANGLE____98_____, APOGEE IN KILOMETERS__550___, PERIGEE IN KILOMETERS__550_____, ORBITAL PERIOD IN HOURS ___1____AND FRACTIONS OF HOURS IN DECIMAL__.58____, THE NUMBER OF SATELLITES IN THE SYSTEM____4_____, REM01 *ORB = 98.0IN00550AP00550PE001.58H02N REM02 *ORB = 51.6IN00420AP00420PE001:53H01N REM03 *ORB = 98.0IN00500AP00500PE001.57H01N	IF ANY SATELLITES ARE NONGEOSTATIONARY, REPORT ITS INCLINATION ANGLE, APOGEE IN KILOMETERS, PERIGEE IN KILOMETERS, ORBITAL PERIOD IN HOURS AND FRACTIONS OF HOURS IN DECIMAL, THE NUMBER OF SATELLITES IN THE SYSTEM, THEN T01, EXAMPLE, REM04 *ORB,98.0IN00510AP00510PE001.58H01NRT01, AND FOR SPACE-TO-SPACE COMMUNICATIONS WITH ANOTHER NONGEOSTATIONARY SATELLITE ADD AN ADDITIONAL *ORB FOR IT ENDING IN R01, EXAMPLE, REM05 *ORB,72.9IN03209AP00655PE013.46H01NRR01

Earth Station Data (Receiver) - Section Below

Ground Station ID	Physical Location	Latitude (DDMMSS)	Longitude (DDDMMSS)	Antenna Polarization (RAP)	Antenna Azimuth (RAZ)	Antenna Gain	Beamwidth	Azimuthal Range	Site Elevation Above Mean Sea Level (m)	Antenna Height Above Terrain (m)	Antenna Dimensions (RAD)	FCC Notes
BDAGS	1 Middle Road Smiths, Bermuda	321847N	0644456W	RAP	V00	11.5	60	000-360	25	2	11.5G60B000-360A25H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
BDLGS	155 Locust Street Hartford, CT 06114, USA	414438N	0723954W	JAP	V00	8.5	60	000-360	10	10	8.5G60B000-360A10H10	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
BDUGS	Bygården Hans Karolius vei 6 9300 Finnsnes, Norway	691341N	0175913E	RAP	V00	11.5	60	000-360	8	15	11.5G60B000-360A8H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
CLTGS	5821 Fairview Road Charlotte, NC 28209, USA	350907N	0805035W	RAP	V00	13.5	37	000-360	225	20	13.5G37B000-360A225H20	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
CLTGS2	5821 Fairview Road Charlotte, NC 28209, USA	350907N	0805035W	RAP	V00	11.5	60	000-360	225	20	11.5G60B000-360A225H20	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
CMBGS	SupremeSAT Teleport Kandy, Sri Lanka	071634N	0804323E	RAP	V00	11.5	60	000-360	457	3	11.5G60B000-360A457H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
DALGS	904 Quality Way Richardson, TX 75081, USA	325758N	0964240W	RAP	V00	11.5	60	000-360	10	15	11.5G60B000-360A10H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
DLHGS	3401 Technology Drive Duluth, MN 55811, USA	464937N	0920748W	RAP	V00	13.5	37	000-360	420	8	13.5G37B000-360A420H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
DLHGS2	3401 Technology Drive Duluth, MN 55811, USA	464937N	0920748W	RAP	V00	11.5	60	000-360	420	8	11.5G60B000-360A420H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
GLAGS	5B, Skypark 5 45 Finnieston Street Glasgow G3 8JU, United Kingdom	555138N	0041641W	RAP	V00	13.5	37	000-360	47	35	13.5G37B000-360A47H35	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
GLAGS2	5B, Skypark 5 45 Finnieston Street Glasgow G3 8JU, United Kingdom	555138N	0041641W	RAP	V00	11.5	60	000-360	47	35	11.5G60B000-360A47H35	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
GUMGS	312 Route 2A, Shell Fuel Farm Road Piti, Guam, 96925, USA	132454N	1444113E	RAP	V00	11.5	60	000-360	43	12	11.5G60B000-360A43H12	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
HLEGS	15°56'S 005°43'W	155628S	0054218W	RAP	V00	11.5	60	000-360	402	3	11.5G60B000-360A402H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
ITOGS	93-1704 South Point Road Naalehu, HI 96772-0842, USA	190050N	1553943W	RAP	V00	13.5	37	000-360	220	2	13.5G37B000-360A220H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
ITOGS2	93-1704 South Point Road Naalehu, HI 96772-0842, USA	190050N	1553943W	RAP	V00	11.5	60	000-360	220	2	11.5G60B000-360A220H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
IVCGS	41 Smith Road Lochiel, Winton 9781, New Zealand	461222S	1682010E	RAP	V00	13.5	37	000-360	49	3	13.5G37B000-360A49H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
IVCGS2	41 Smith Road Lochiel, Winton 9781, New Zealand	461222S	1682010E	RAP	V00	11.5	60	000-360	49	3	11.5G60B000-360A49H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
JNBGS	Farm 502 JQ Hartebeesthoek District Krugersdorp Gauteng, South Africa	255310S	0274243E	RAP	V00	11.5	60	000-360	1508	2	11.5G60B000-360A1508H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
JNUGS	MXAK 1050 Harbor Way Juneau, AK 99824, USA	581804N	1342530W	RAP	V00	11.5	60	000-360	14	15	11.5G60B000-360A14H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
JNUGS2	MXAK 1050 Harbor Way Juneau, AK 99824, USA	581804N	1342530W	RAP	V00	13.07	46	000-360	14	15	13.07G46B000-360A14H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
ORKGS	Elfordstown Teleport Elfordstown, Co. Cork, Ireland	515711N	0081026W	RAP	V00	11.5	60	000-360	94	5	11.5G60B000-360A94H5	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
PSYGS	51°42'S 57°51'W	514200S	0575100W	RAP	V00	13.5	37	000-360	1	3	13.5G37B000-360A1H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
PSYGS2	51°42'S 57°51'W	514200S	0575100W	RAP	V00	11.5	60	000-360	1	3	11.5G60B000-360A1H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
SEAGS	Telx Seattle 3433 S 120th Place Tukwila, Washington 98168, USA	472931N	1221717W	RAP	V00	11.5	60	000-360	5	8	11.5G60B000-360A5H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
SINGS	Bukit Timah, Singtel, Singapore	012104N	1034724E	RAP	V00	11.5	60	000-360	52	15	11.5G60B000-360A52H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
SMAGS	ESA Satellite Ground Station Rua Assomada, 9580-471 Vila do Porto, Santa Maria, Açores	365949N	0250810W	RAP	V00	11.5	60	000-360	199	2	11.5G60B000-360A199H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
STXGS	23 Estate Northside Frederiksted, VI 00840, St. Croix, USA	174540N	0645306W	RAP	V00	11.5	60	000-360	8	10	11.5G60B000-360A8H10	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
TUSGS	Involta 1215 E Pennsylvania Street Tucson, AZ 85714, USA	321019N	1105714W	RAP	V00	13.07	46	000-360	728	10	13.07G46B000-360A728H10	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
WBUGS	1825 33rd St. Suite 100, Boulder, CO 80301	400105N	1051504W	RAP	V00	11.5	60	000-360	1613	8	11.5G60B000-360A1613H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
WBUGS2	1825 33rd St. Suite 100, Boulder, CO 80301	400105N	1051504W	RAP	V00	13.07	46	000-360	1613	8	13.07G46B000-360A1613H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
XSPGS	11 Seletar Satellite Station Road Singapore 788508	012349N	1035006E	RAP	V00	11.5	60	000-360	30	12	11.5G60B000-360A30H12	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)

Satellite Transmitter Data

Transmit Frequency: 2020-2025MHz		
Satellite Name: LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4		
Data Field	**Data Answer**	**Description/Comments**
Polarization (XAP)	XAP = R	POLARIZATIONS INCLUDE : H = HORIZONTAL, V = VERTICAL, S = HORIZONTAL AND VERTICAL, L = LEFT HAND CIRCULAR, R = RIGHT HAND CIRCULAR, T = RIGHT AND LEFT HAND CIRCULAR, J = LINEAR POLARIZATION
Orientation (XAZ)	XAZ = NB	NB= NARROWBEAM EC = EARTH COVERAGE
Antenna Dimension (XAD)	ANTENNA GAIN____5.0dBi_____ BEAMWIDTH ___80_____ XAD = SAD2 5.0G080B	(NTIA format (XAD), EXAMPLE, XAD01 16G030B)
Type of satellite (State = SP) (City = geo or non)	Type = Nongeostationary	Choose either: Geostationary or Nongeostationary
For Geostationary	Longitude =	IF ANY SATELLITES ARE GEOSTATIONARY, REPORT ITS LATITUDE AS 000000N (XLA AND/OR RLA) AND REPORT ITS LONGITUDE (XLG AND/OR RLG).
For Nongeostationary (Orbital Data)	INCLINATION ANGLE____98_____, APOGEE IN KILOMETERS__550___, PERIGEE IN KILOMETERS__550_____, ORBITAL PERIOD IN HOURS ___1____ AND FRACTIONS OF HOURS IN DECIMAL__58____, THE NUMBER OF SATELLITES IN THE SYSTEM____4_____, REM01 *ORB = 98.0IN00550AP00550PE001.58H02N REM02 *ORB = 51.6IN00420AP00420PE001:53H01N REM03 *ORB = 98.0IN00500AP00500PE001.57H01N	IF ANY SATELLITES ARE NONGEOSTATIONARY, REPORT ITS INCLINATION ANGLE, APOGEE IN KILOMETERS, PERIGEE IN KILOMETERS, ORBITAL PERIOD IN HOURS AND FRACTIONS OF HOURS IN DECIMAL, THE NUMBER OF SATELLITES IN THE SYSTEM, THEN T01, EXAMPLE, REM04 *ORB,98.0IN00510AP00510PE001.58H01N RT01, AND FOR SPACE-TO-SPACE COMMUNICATIONS WITH ANOTHER NONGEOSTATIONARY SATELLITE ADD AN ADDITIONAL *ORB FOR IT ENDING IN R01, EXAMPLE, REM05 *ORB,72.9IN03209AP00655PE013.46H01N RR01

Earth Station Data (Receiver) - Section Below

Ground Station ID	Physical Location	Latitude (DDMMSS)	Longitude (DDDMMSS)	Antenna Polarization (RAP)	Antenna Azimuth (RAZ)	Antenna Gain	Beamwidth	Azimuthal Range	Site Elevation Above Mean Sea Level (m)	Antenna Height Above Terrain (m)	Antenna Dimensions (RAD)	FCC Notes
ANCGS	2347 Azurite Court Anchorage, Alaska (AK) 99507, USA	610842N	1495016W	RAP	V00	25.5	7.55	000-360	10	10	25.5G7.55B000-360A10H10	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
BDAGS	1 Middle Road Smiths, Bermuda	321847N	0644456W	RAP	V00	25.5	7.55	000-360	25	2	25.5G7.55B000-360A25H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
BDLGS	155 Locust Street Hartford, CT 06114, USA	414438N	0723954W	RAP	V00	25.5	7.55	000-360	10	10	25.5G7.55B000-360A10H10	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
BDUGS	Bygården Hans Karolius vei 6 9300 Finnsnes, Norway	691341N	0175913E	RAP	V00	25.5	7.55	000-360	8	15	25.5G7.55B000-360A8H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
CLTGS	5821 Fairview Road Charlotte, NC 28209, USA	350907N	0805035W	RAP	V00	25.5	7.55	000-360	225	20	25.5G7.55B000-360A225H20	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
CMBGS	SupremeSAT Teleport Kandy, Sri Lanka	071634N	0804323E	RAP	V00	25.5	7.55	000-360	457	3	25.5G7.55B000-360A457H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
DALGS	904 Quality Way Richardson, TX 75081, USA	325758N	0964240W	RAP	V00	25.5	7.55	000-360	10	15	25.5G7.55B000-360A10H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
DLHGS	3401 Technology Drive Duluth, MN 55811, USA	464937N	0920748W	RAP	V00	25.5	7.55	000-360	420	8	25.5G7.55B000-360A420H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
GLAGS	5B, Skypark 5 45 Finnieston Street Glasgow G3 8JU, United Kingdom	555138N	0041641W	RAP	V00	25.5	7.55	000-360	47	35	25.5G7.55B000-360A47H35	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
GUMGS	312 Route 2A, Shell Fuel Farm Road Piti, Guam, 96925, USA	132454N	1444113E	RAP	V00	25.5	7.55	000-360	43	12	25.5G7.55B000-360A43H12	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
HLEGS	15°56'S 005°43'W	155628S	0054218W	RAP	V00	29.8	5.2	000-360	402	3	29.8G5.2B000-360A402H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
ITOGS	93-1704 South Point Road Naalehu, HI 96772-0842, USA	190050N	1553943W	RAP	V00	25.5	7.55	000-360	220	2	25.5G7.55B000-360A220H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
IVCGS	41 Smith Road Lochiel, Winton 9781, New Zealand	461222S	1682010E	RAP	V00	25.5	7.55	000-360	49	3	25.5G7.55B000-360A49H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
JNBGS	Farm 502 JQ Hartebeesthoek District Krugersdorp Gauteng, South Africa	255310S	0274243E	RAP	V00	25.5	7.55	000-360	1508	2	25.5G7.55B000-360A1508H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
JNUGS	MXAK 1050 Harbor Way Juneau, AK 99824, USA	581804N	1342530W	RAP	V00	25.5	7.55	000-360	14	15	25.5G7.55B000-360A14H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
ORKGS	Elfordstown Teleport Elfordstown, Co. Cork, Ireland	515711N	0081026W	RAP	V00	25.5	7.55	000-360	94	5	25.5G7.55B000-360A94H5	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
PSYGS	51°42'S 57°51'W	514200S	0575100W	RAP	V00	29.8	5.2	000-360	1	3	29.8G5.2B000-360A1H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
SEAGS	Telx Seattle 3433 S 120th Place Tukwila, Washington 98168, USA	472931N	1221717W	RAP	V00	25.5	7.55	000-360	5	8	25.5G7.55B000-360A5H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
SINGS	Bukit Timah, Singtel, Singapore	012104N	1034724E	RAP	V00	29.8	5.2	000-360	52	15	29.8G5.2B000-360A52H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
SMAGS	ESA Satellite Ground Station Rua Assomada, 9580-471 Vila do Porto, Santa Maria, Açores	365949N	0250810W	RAP	V00	25.5	7.55	000-360	199	2	25.5G7.55B000-360A199H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
STXGS	23 Estate Northside Frederiksted, VI 00840, St. Croix, USA	174540N	0645306W	RAP	V00	25.5	7.55	000-360	8	10	25.5G7.55B000-360A8H10	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
TUSGS	Involta 1215 E Pennsylvania Street Tucson, AZ 85714, USA	321019N	1105714W	RAP	V00	29.8	5.2	000-360	728	10	29.8G5.2B000-360A728H10	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
VNTGS	University of Ventspils Inženieru 101a Ventspils, LV-3601, Latvia	573332N	0215140E	RAP	V00	25.5	7.55	000-360	0	10	25.5G7.55B000-360A0H10	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
WBUGS	1825 33rd St. Suite 100, Boulder, CO 80301	400105N	1051504W	RAP	V00	29.8	5.2	000-360	1613	8	29.8G5.2B000-360A1613H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
XSPGS	11 Seletar Satellite Station Road Singapore 788508	012349N	1035006E	RAP	V00	25.5	7.55	000-360	30	12	25.5G7.55B000-360A30H12	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)

Satellite Transmitter Data

Transmit Frequency: 2200-2201MHz		
Satellite Name: LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4		
Data Field	**Data Answer**	**Description/Comments**
Polarization (XAP)	XAP = R	POLARIZATIONS INCLUDE : H = HORIZONTAL, V = VERTICAL, S = HORIZONTAL AND VERTICAL, L = LEFT HAND CIRCULAR, R = RIGHT HAND CIRCULAR, T = RIGHT AND LEFT HAND CIRCULAR, J = LINEAR POLARIZATION
Orientation (XAZ)	XAZ = NB	NB= NARROWBEAM EC = EARTH COVERAGE
Antenna Dimension (XAD)	ANTENNA GAIN____5.0dBi_____ BEAMWIDTH ___80_____ XAD = SAD2 5.0G080B	(NTIA format (XAD), EXAMPLE, XAD01 16G030B)
Type of satellite (State = SP) (City = geo or non)	Type = Nongeostationary	Choose either: Geostationary or Nongeostationary
For Geostationary	Longitude =	IF ANY SATELLITES ARE GEOSTATIONARY, REPORT ITS LATITUDE AS 000000N (XLA AND/OR RLA) AND REPORT ITS LONGITUDE (XLG AND/OR RLG).
For Nongeostationary (Orbital Data)	INCLINATION ANGLE____98_____, APOGEE IN KILOMETERS__550___, PERIGEE IN KILOMETERS__550_____, ORBITAL PERIOD IN HOURS ___1____ AND FRACTIONS OF HOURS IN DECIMAL__.58___, THE NUMBER OF SATELLITES IN THE SYSTEM____4_____, REM01 *ORB = 98.0IN00550AP00550PE001.58H02N REM02 *ORB = 51.6IN00420AP00420PE001:53H01N REM03 *ORB = 98.0IN00500AP00500PE001.57H01N	IF ANY SATELLITES ARE NONGEOSTATIONARY, REPORT ITS INCLINATION ANGLE, APOGEE IN KILOMETERS, PERIGEE IN KILOMETERS, ORBITAL PERIOD IN HOURS AND FRACTIONS OF HOURS IN DECIMAL, THE NUMBER OF SATELLITES IN THE SYSTEM, THEN T01, EXAMPLE, REM04 *ORB,98.0IN00510AP00510PE001.58H01NRT01, AND FOR SPACE-TO-SPACE COMMUNICATIONS WITH ANOTHER NONGEOSTATIONARY SATELLITE ADD AN ADDITIONAL *ORB FOR IT ENDING IN R01, EXAMPLE, REM05 *ORB,72.9IN03209AP00655PE013.46H01NRR01

Earth Station Data (Receiver) - Section Below

Ground Station ID	Physical Location	Latitude (DDMMSS)	Longitude (DDDMMSS)	Antenna Polarization (RAP)	Antenna Azimuth (RAZ)	Antenna Gain	Beamwidth	Azimuthal Range	Site Elevation Above Mean Sea Level (m)	Antenna Height Above Terrain (m)	Antenna Dimensions (RAD)	FCC Notes
ACCGS	University of Energy and Natural Resources Sunyani Ghana	072006N	0021843W	RAP	V00	34.5	0.8	000-360	303	6	34.5G0.8B000-360A303H6	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
HNDGS	36°25'33.91"N 138°57'17.20"E	362534N	1385714E	RAP	V00	29.8	5.2	000-360	356	8	29.8G5.2B000-360A356H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
ICEGS	Troll Antarctica	720047S	0023155E	RAP	V00	35.4	1.3	000-360	1354	5	35.4G1.3B000-360A1354H5	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
PERGS	Nangetty, Australia	290253S	1152024E	RAP	V00	34.5	0.8	000-360	215	5	34.5G0.8B000-360A215H5	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
PUQGS	Ruta 9, KM 28 Punta Arenas, Chile	525613S	0705125W	RAP	V00	25.5	7.55	000-360	16	2	25.5G7.55B000-360A16H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
TOSGS	Prestvannveien 38, 9011 Tromsø, Norway	693943N	0185631E	RAP	V00	34.5	0.8	000-360	0	5	34.5G0.8B000-360A0H5	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)

Satellite Transmitter Data

Transmit Frequency: 8170-8230MHz		
Satellite Name: LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4		
Data Field	**Data Answer**	**Description/Comments**
Polarization (XAP)	XAP = R	POLARIZATIONS INCLUDE : H = HORIZONTAL, V = VERTICAL, S = HORIZONTAL AND VERTICAL, L = LEFT HAND CIRCULAR, R = RIGHT HAND CIRCULAR, T = RIGHT AND LEFT HAND CIRCULAR, J = LINEAR POLARIZATION
Orientation (XAZ)	XAZ = NB	NB= NARROWBEAM EC = EARTH COVERAGE
Antenna Dimension (XAD)	ANTENNA GAIN____7.0dBi_____ BEAMWIDTH ____120_____ XAD = XD1 7.0G120B	(NTIA format (XAD), EXAMPLE, XAD01 16G030B)
Type of satellite (State = SP) (City = geo or non)	Type = Nongeostationary	Choose either: Geostationary or Nongeostationary
For Geostationary	Longitude =	IF ANY SATELLITES ARE GEOSTATIONARY, REPORT ITS LATITUDE AS 000000N (XLA AND/OR RLA) AND REPORT ITS LONGITUDE (XLG AND/OR RLG).
For Nongeostationary (Orbital Data)	INCLINATION ANGLE____98_____, APOGEE IN KILOMETERS__550___, PERIGEE IN KILOMETERS__550_____, ORBITAL PERIOD IN HOURS ___1____ AND FRACTIONS OF HOURS IN DECIMAL__.58___, THE NUMBER OF SATELLITES IN THE SYSTEM____4_____, REM01 *ORB = 98.0IN00550AP00550PE001.58H02N REM02 *ORB = 51.6IN00420AP00420PE001:53H01N REM03 *ORB = 98.0IN00500AP00500PE001.57H01N	IF ANY SATELLITES ARE NONGEOSTATIONARY, REPORT ITS INCLINATION ANGLE, APOGEE IN KILOMETERS, PERIGEE IN KILOMETERS, ORBITAL PERIOD IN HOURS AND FRACTIONS OF HOURS IN DECIMAL, THE NUMBER OF SATELLITES IN THE SYSTEM, THEN T01, EXAMPLE, REM04 *ORB,98.0IN00510AP00510PE001.58H01NRT01, AND FOR SPACE-TO-SPACE COMMUNICATIONS WITH ANOTHER NONGEOSTATIONARY SATELLITE ADD AN ADDITIONAL *ORB FOR IT ENDING IN R01, EXAMPLE, REM05 *ORB,72.9IN03209AP00655PE013.46H01NRR01

Earth Station Data (Receiver) - Section Below

Ground Station ID	Physical Location	Latitude (DDMMSS)	Longitude (DDDMMSS)	Antenna Polarization (RAP)	Antenna Azimuth (RAZ)	Antenna Gain	Beamwidth	Azimuthal Range	Site Elevation Above Mean Sea Level (m)	Antenna Height Above Terrain (m)	Antenna Dimensions (RAD)	FCC Notes
ACCGS	University of Energy and Natural Resources Sunyani Ghana	072006N	0021843W	RAP	V00	45.5	0.8	000-360	303	6	45.5G0.8B000-360A303H6	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
ICEGS	Troll Antarctica	720047S	0023155E	RAP	V00	47	1.3	000-360	1354	5	47G1.3B000-360A1354H5	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
PERGS	Nangetty, Australia	290253S	1152024E	RAP	V00	45.5	0.8	000-360	215	5	45.5G0.8B000-360A215H5	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
TOSGS	Prestvannveien 38, 9011 Tromsø, Norway	693943N	0185631E	RAP	V00	45.5	0.8	000-360	0	5	45.5G0.8B000-360A0H5	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)

Earth Station Transmitter Data
Transmit Frequency: 402.6 - 402.8MHz

Earth Station Data - Section Below

Ground Station ID	Physical Location	Latitude (DDMMSS)	Longitude (DDDMMSS)	Antenna Polarization (RAP)	Antenna Azimuth (RAZ)	Antenna Gain (dBi)	Beamwidth	Azimuthal Range	Site Elevation Above Mean Sea Level (m)	Antenna Height Above Terrain (m)	Antenna Dimensions (XAD)	FCC Notes
BDAGS	1 Middle Road Smiths, Bermuda	321847N	0644456W	RAP	V00	11.5	60	000-360	25	2	11.5G60B000-360A25H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
BDLGS	155 Locust Street Hartford, CT 06114, USA	414438N	0723954W	JAP	V00	8.5	60	000-360	10	10	8.5G60B000-360A10H10	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
BDUGS	Bygården Hans Karolius vei 6 9300 Finnsnes, Norway	691341N	0175913E	RAP	V00	11.5	60	000-360	8	15	11.5G60B000-360A8H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
CLTGS	5821 Fairview Road Charlotte, NC 28209, USA	350907N	0805035W	RAP	V00	13.5	37	000-360	225	20	13.5G37B000-360A225H20	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
CLTGS2	5821 Fairview Road Charlotte, NC 28209, USA	350907N	0805035W	RAP	V00	11.5	60	000-360	225	20	11.5G60B000-360A225H20	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
CMBGS	SupremeSAT Teleport Kandy, Sri Lanka	071634N	0804323E	RAP	V00	11.5	60	000-360	457	3	11.5G60B000-360A457H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
DALGS	904 Quality Way Richardson, TX 75081, USA	325758N	0964240W	RAP	V00	11.5	60	000-360	10	15	11.5G60B000-360A10H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
DLHGS	3401 Technology Drive Duluth, MN 55811, USA	464937N	0920748W	RAP	V00	13.5	37	000-360	420	8	13.5G37B000-360A420H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
DLHGS2	3401 Technology Drive Duluth, MN 55811, USA	464937N	0920748W	RAP	V00	11.5	60	000-360	420	8	11.5G60B000-360A420H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
GLAGS	5B, Skypark 5 45 Finnieston Street Glasgow G3 8JU, United Kingdom	555138N	0041641W	RAP	V00	13.5	37	000-360	47	35	13.5G37B000-360A47H35	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
GLAGS2	5B, Skypark 5 45 Finnieston Street Glasgow G3 8JU, United Kingdom	555138N	0041641W	RAP	V00	11.5	60	000-360	47	35	11.5G60B000-360A47H35	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
GUMGS	312 Route 2A, Shell Fuel Farm Road Piti, Guam, 96925, USA	132454N	1444113E	RAP	V00	11.5	60	000-360	43	12	11.5G60B000-360A43H12	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
HLEGS	15°56'S 005°43 W	155628S	0054218W	RAP	V00	11.5	60	000-360	402	3	11.5G60B000-360A402H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
ITOGS	93-1704 South Point Road Naalehu, HI 96772-0842, USA	190050N	1553943W	RAP	V00	13.5	37	000-360	220	2	13.5G37B000-360A220H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
ITOGS2	93-1704 South Point Road Naalehu, HI 96772-0842, USA	190050N	1553943W	RAP	V00	11.5	60	000-360	220	2	11.5G60B000-360A220H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
IVCGS	41 Smith Road Lochiel, Winton 9781, New Zealand	461222S	1682010E	RAP	V00	13.5	37	000-360	49	3	13.5G37B000-360A49H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
IVCGS2	41 Smith Road Lochiel, Winton 9781, New Zealand	461222S	1682010E	RAP	V00	11.5	60	000-360	49	3	11.5G60B000-360A49H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
JNBGS	Farm 502 JQ Hartebeesthoek District Krugersdorp Gauteng, South Africa	255310S	0274243E	RAP	V00	11.5	60	000-360	1508	2	11.5G60B000-360A1508H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
JNUGS1	MXAK 1050 Harbor Way Juneau, AK 99824, USA	581804N	1342530W	RAP	V00	11.5	60	000-360	14	15	11.5G60B000-360A14H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
JNUGS2	MXAK 1050 Harbor Way Juneau, AK 99824, USA	581804N	1342530W	RAP	V00	13.07	46	000-360	14	15	13.07G46B000-360A14H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
ORKGS	Elfordstown Teleport Elfordstown, Co. Cork, Ireland	515711N	0081026W	RAP	V00	11.5	60	000-360	94	5	11.5G60B000-360A94H5	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
PSYGS	Stanley, Falkland Islands	514200S	0575100W	RAP	V00	13.5	37	000-360	1	3	13.5G37B000-360A1H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
PSYGS2	Stanley, Falkland Islands	514200S	0575100W	RAP	V00	11.5	60	000-360	1	3	11.5G60B000-360A1H3	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
SEAGS	Telx Seattle 3433 S 120th Place Tukwila, Washington 98168, USA	472931N	1221717W	RAP	V00	11.5	60	000-360	5	8	11.5G60B000-360A5H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
SINGS	Bukit Timah, Singtel, Singapore	012104N	1034724E	RAP	V00	11.5	60	000-360	52	15	11.5G60B000-360A52H15	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
SMAGS	ESA Satellite Ground Station Rua Assomada, 9580-471 Vila do Porto, Santa Maria, Açores	365949N	0250810W	RAP	V00	11.5	60	000-360	199	2	11.5G60B000-360A199H2	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
STXGS	23 Estate Northside Frederiksted, VI 00840, St. Croix, USA	174540N	0645306W	RAP	V00	11.5	60	000-360	8	10	11.5G60B000-360A8H10	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
TUSGS	Involta 1215 E Pennsylvania Street Tucson, AZ 85714, USA	321019N	1105714W	RAP	V00	13.07	46	000-360	728	10	13.07G46B000-360A728H10	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
WBUGS	1825 33rd St. Suite 100, Boulder, CO 80301	400105N	1051504W	RAP	V00	11.5	60	000-360	1613	8	11.5G60B000-360A1613H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
WBUGS2	1825 33rd St. Suite 100, Boulder, CO 80301	400105N	1051504W	RAP	V00	13.07	46	000-360	1613	8	13.07G46B000-360A1613H8	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
XSPGS	11 Seletar Satellite Station Road Singapore 788508	012349N	1035006E	RAP	V00	11.5	60	000-360	30	12	11.5G60B000-360A30H12	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)

Satellite Receive Specifications

Polarization (RAP)	RAP = J	POLARIZATIONS INCLUDE : H = HORIZONTAL, V = VERTICAL, S = HORIZONTAL AND VERTICAL, L = LEFT HAND CIRCULAR, R = RIGHT HAND CIRCULAR, T = RIGHT AND LEFT HAND CIRCULAR, J = LINEAR POLARIZATION
Azimuth (RAZ)	RAZ = EC	NB= NARROWBEAM EC = EARTH COVERAGE
Dimension (RAD)	ANTENNA GAIN____- 2.5dBi_____ BEAMWIDTH ____360_____ XAD = UD2P -2.5G360B	(NTIA format (RAD), EXAMPLE, RAD01 16G030B)
Type of satellite (State = SP) City = G/No	Type = Nongeostationary	Choose either: Geostationary or Nongeostationary
For Geostationary	Longitude =	IF ANY SATELLITES ARE GEOSTATIONARY, REPORT ITS LATITUDE AS 000000N (XLA AND/OR RLA) AND REPORT ITS LONGITUDE (XLG AND/OR RLG).
For Nongeostationary (Orbital Data)	INCLINATION ANGLE____98_____, APOGEE IN KILOMETERS__550___, PERIGEE IN KILOMETERS__550_____, ORBITAL PERIOD IN HOURS ___1____AND FRACTIONS OF HOURS IN DECIMAL__58____, THE NUMBER OF SATELLITES IN THE SYSTEM____4_____, REM01 *ORB = 98.0IN00550AP00550PE001.58H 02N REM02 *ORB = 51.6IN00420AP00420PE001:53H 01N REM03 *ORB = 98.0IN00500AP00500PE001.57H 01N	IF ANY SATELLITES ARE NONGEOSTATIONARY, REPORT ITS INCLINATION ANGLE, APOGEE IN KILOMETERS, PERIGEE IN KILOMETERS, ORBITAL PERIOD IN HOURS AND FRACTIONS OF HOURS IN DECIMAL, THE NUMBER OF SATELLITES IN THE SYSTEM, THEN T01, EXAMPLE, REM04 *ORB,98.0IN00510AP00510PE001.58H01NRT01, AND FOR SPACE-TO-SPACE COMMUNICATIONS WITH ANOTHER NONGEOSTATIONARY SATELLITE ADD AN ADDITIONAL *ORB FOR IT ENDING IN R01, EXAMPLE, REM05 *ORB,72.9IN03209AP00655PE013.46H01NRR01

Earth Station Transmitter Data

Transmit Frequency: 2030-2035 MHz

Earth Station Data - Section Below

Ground Station ID	Physical Location	Latitude (DDMMSS)	Longitude (DDDMMSS)	Antenna Polarization (RAP)	Antenna Azimuth (RAZ)	Antenna Gain	Beamwidth	Azimuthal Range	Site Elevation Above Mean Sea Level (m)	Antenna Height Above Terrain (m)	Antenna Dimensions (XAD)	FCC Notes
ACCGS	University of Energy and Natural Resources Sunyani Ghana	072006N	0021843W	RAP	V00	34.5	0.8	000-360	303	6	34.5G0.8B000-360A303H6	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
ICEGS	Troll Antarctica	7200475	0023155E	RAP	V00	35.4	1.3	000-360	1354	5	35.4G1.3B000-360A1354H5	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
PERGS	Nangetty, Australia	2902535	1152024E	RAP	V00	34.5	0.8	000-360	215	5	34.5G0.8B000-360A215H5	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)
TOSGS	Prestvannveien 38, 9011 Tromsø, Norway	693943N	0185631E	RAP	V00	34.5	0.8	000-360	0	5	34.5G0.8B000-360A0H5	Use S-Note S945.REM AGN, Cubesat, (LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4)

Satellite Receive Specifications		
Polarization (RAP)	RAP = R	POLARIZATIONS INCLUDE : H = HORIZONTAL, V = VERTICAL, S = HORIZONTAL AND VERTICAL, L = LEFT HAND CIRCULAR, R = RIGHT HAND CIRCULAR, T = RIGHT AND LEFT HAND CIRCULAR, J = LINEAR POLARIZATION
Azimuth (RAZ)	RAZ = NB	NB= NARROWBEAM EC = EARTH COVERAGE
Dimension (RAD)	ANTENNA GAIN___5.0 dBi___ BEAMWIDTH ____80_____ RAD = 5U1 5.0G080B	(INTIA format (RAD), EXAMPLE, RAD01 16G030B)
Type of satellite (State = SP) City = G/No	Type = Nongeostationary	Choose either: Geostationary or Nongeostationary
For Geostationary	Longitude =	IF ANY SATELLITES ARE GEOSTATIONARY, REPORT ITS LATITUDE AS 000000N (XLA AND/OR RLA) AND REPORT ITS LONGITUDE (XLG AND/OR RLG).
For Nongeostationary (Orbital Data)	INCLINATION ANGLE____98_____, APOGEE IN KILOMETERS__550___, PERIGEE IN KILOMETERS__550_____, ORBITAL PERIOD IN HOURS ___1____AND FRACTIONS OF HOURS IN DECIMAL__.58____, THE NUMBER OF SATELLITES IN THE SYSTEM____4_____, REM01 *ORB = 98.0IN00550AP00550PE001.58H02N REM02 *ORB = 51.6IN00420AP00420PE001.53H01N REM03 *ORB = 98.0IN00500AP00500PE001.57H01N	IF ANY SATELLITES ARE NONGEOSTATIONARY, REPORT ITS INCLINATION ANGLE, APOGEE IN KILOMETERS, PERIGEE IN KILOMETERS, ORBITAL PERIOD IN HOURS AND FRACTIONS OF HOURS IN DECIMAL, THE NUMBER OF SATELLITES IN THE SYSTEM, THEN T01, EXAMPLE, REM04 *ORB,98.0IN00510AP00510PE001.58H01NRT01, AND FOR SPACE-TO-SPACE COMMUNICATIONS WITH ANOTHER NONGEOSTATIONARY SATELLITE ADD AN ADDITIONAL *ORB FOR IT ENDING IN R01, EXAMPLE, REM05 *ORB,72.9IN03209AP00655PE013.46H01NRR01

Satellite Transmitter Data

Transmit Frequency: 2025-2026MHz, 2109-2110MHz		
Satellite Name: LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4		
Data Field	**Data Answer**	**Description/Comments**
Polarization (XAP)	XAP = R	H = HORIZONTAL,
Orientation (XAZ)	XAZ = NB	EC = EARTH COVERAGE
(XAD)	BEAMWIDTH __vertical plane 22° (±11°), horizontal plane	(NTIA format (XAD), EXAMPLE, XAD01 16G030B)
(State = SP)	Type = Nongeostationary	Geostationary or
For Geostationary	Longitude =	REPORT ITS LATITUDE AS 000000N (XLA AND/OR
(Orbital Data)	APOGEE IN KILOMETERS__550___, PERIGEE IN	REPORT ITS INCLINATION ANGLE, APOGEE
Receive Frequency: 2025-2026MHz, 2109-2110MHz		
Satellite Name: LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4		
Data Field	**Data Answer**	**Description/Comments**
Polarization (XAP)	XAP = R	H = HORIZONTAL,
Orientation (XAZ)	XAZ = NB	EC = EARTH COVERAGE
(XAD)	BEAMWIDTH __vertical plane 22° (±11°), horizontal plane	(NTIA format (XAD), EXAMPLE, XAD01 16G030B)
(State = SP)	Type = Nongeostationary	Geostationary or
For Geostationary	Longitude =	REPORT ITS LATITUDE AS 000000N (XLA AND/OR
(Orbital Data)	APOGEE IN KILOMETERS__550___, PERIGEE IN	REPORT ITS INCLINATION ANGLE, APOGEE

Satellite Transmitter Data

Transmit Frequency: 2200-2201MHz, 2289-2290MHz		
Satellite Name: LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4		
Data Field	**Data Answer**	**Description/Comments**
Polarization (XAP)	XAP = R	POLARIZATIONS INCLUDE : H = HORIZONTAL, V = VERTICAL, S = HORIZONTAL AND VERTICAL, L = LEFT HAND CIRCULAR, R = RIGHT HAND CIRCULAR, T = RIGHT AND LEFT HAND CIRCULAR, J = LINEAR POLARIZATION
Orientation (XAZ)	XAZ = NB	NB= NARROWBEAM EC = EARTH COVERAGE
Antenna Dimension (XAD)	ANTENNA GAIN____8.6dBi_____ BEAMWIDTH __vertical plane 22° (±11°), horizontal plane 65° (±32.5°)_____ XAD = 8.6G022-065B	(NTIA format (XAD), EXAMPLE, XAD01 16G030B)
Type of satellite (State = SP) (City = geo or non)	Type = Nongeostationary	Choose either: Geostationary or Nongeostationary
For Geostationary	Longitude =	IF ANY SATELLITES ARE GEOSTATIONARY, REPORT ITS LATITUDE AS 000000N (XLA AND/OR RLA) AND REPORT ITS LONGITUDE (XLG AND/OR RLG).
For Nongeostationary (Orbital Data)	INCLINATION ANGLE____98_____, APOGEE IN KILOMETERS__550___, PERIGEE IN KILOMETERS__550_____, ORBITAL PERIOD IN HOURS ___1____AND FRACTIONS OF HOURS IN DECIMAL__.58____, THE NUMBER OF SATELLITES IN THE SYSTEM____4_____, REM01 *ORB = 98.0IN00550AP00550PE001.58H02NT01 *ORB = 98.0IN00550AP00550PE001.58H02NR01 REM02 *ORB = 51.6IN00420AP00420PE001:53H01NT02 *ORB = 51.6IN00420AP00420PE001:53H01NR02 REM03 *ORB = 98.0IN00500AP00500PE001.57H01NT03 *ORB = 98.0IN00500AP00500PE001.57H01NR03	IF ANY SATELLITES ARE NONGEOSTATIONARY, REPORT ITS INCLINATION ANGLE, APOGEE IN KILOMETERS, PERIGEE IN KILOMETERS, ORBITAL PERIOD IN HOURS AND FRACTIONS OF HOURS IN DECIMAL, THE NUMBER OF SATELLITES IN THE SYSTEM, THEN T01, EXAMPLE, REM04 *ORB,98.0IN00510AP00510PE001.58H01NRT01, AND FOR SPACE-TO-SPACE COMMUNICATIONS WITH ANOTHER NONGEOSTATIONARY SATELLITE ADD AN ADDITIONAL *ORB FOR IT ENDING IN R01, EXAMPLE, REM05 *ORB,72.9IN03209AP00655PE013.46H01NRR01

Receive Frequency:2200-2201MHz, 2289-2290MHz		
Satellite Name: LEMUR2 ISL1, LEMUR2 ISL2, LEMUR2 ISL3, LEMUR2 ISL4		
Data Field	**Data Answer**	**Description/Comments**
Polarization (XAP)	XAP = R	POLARIZATIONS INCLUDE : H = HORIZONTAL, V = VERTICAL, S = HORIZONTAL AND VERTICAL, L = LEFT HAND CIRCULAR, R = RIGHT HAND CIRCULAR, T = RIGHT AND LEFT HAND CIRCULAR, J = LINEAR POLARIZATION
Orientation (XAZ)	XAZ = NB	NB= NARROWBEAM EC = EARTH COVERAGE
Antenna Dimension (XAD)	ANTENNA GAIN____8.6dBi_____ BEAMWIDTH __vertical plane 22° (±11°), horizontal plane 65° (±32.5°)_____ XAD = 8.6G022-065B	(NTIA format (XAD), EXAMPLE, XAD01 16G030B)
Type of satellite (State = SP) (City = geo or non)	Type = Nongeostationary	Choose either: Geostationary or Nongeostationary
For Geostationary	Longitude =	IF ANY SATELLITES ARE GEOSTATIONARY, REPORT ITS LATITUDE AS 000000N (XLA AND/OR RLA) AND REPORT ITS LONGITUDE (XLG AND/OR RLG).
For Nongeostationary (Orbital Data)	INCLINATION ANGLE____98_____, APOGEE IN KILOMETERS__550___, PERIGEE IN KILOMETERS__550_____, ORBITAL PERIOD IN HOURS ___1____AND FRACTIONS OF HOURS IN DECIMAL__.58____, THE NUMBER OF SATELLITES IN THE SYSTEM____4_____, REM01 *ORB = 98.0IN00550AP00550PE001.58H02NT01 *ORB = 98.0IN00550AP00550PE001.58H02NR01 REM02 *ORB = 51.6IN00420AP00420PE001:53H01NT02 *ORB = 51.6IN00420AP00420PE001:53H01NR02 REM03 *ORB = 98.0IN00500AP00500PE001.57H01NT03 *ORB = 98.0IN00500AP00500PE001.57H01NR03	IF ANY SATELLITES ARE NONGEOSTATIONARY, REPORT ITS INCLINATION ANGLE, APOGEE IN KILOMETERS, PERIGEE IN KILOMETERS, ORBITAL PERIOD IN HOURS AND FRACTIONS OF HOURS IN DECIMAL, THE NUMBER OF SATELLITES IN THE SYSTEM, THEN T01, EXAMPLE, REM04 *ORB,98.0IN00510AP00510PE001.58H01NRT01, AND FOR SPACE-TO-SPACE COMMUNICATIONS WITH ANOTHER NONGEOSTATIONARY SATELLITE ADD AN ADDITIONAL *ORB FOR IT ENDING IN R01, EXAMPLE, REM05 *ORB,72.9IN03209AP00655PE013.46H01NRR01