

ALL Satellites Frequency List Update

Latest Update by JE9PEL, 28 Oct 2015

Satellite	Number	Uplink	Downlink	Beacon
AO-1 (Oscar-1)	214			144.983
AO-2 (Oscar-2)	305			144.983
AO-3 (Oscar-3)	1293	145.975-146.025	144.325-144.375	
AO-4 (Oscar-4)	1902	432.145-432.155	144.300-144.310	
AO-5 (Oscar-5)	4321		29.450	144.050
AO-6 (Phase-2A)	6236	145.900-146.000	29.450- 29.550	
AO-7 (Phase-2B)	7530	145.850-145.950	29.400- 29.500	29.502
AO-7 (Phase-2B)	7530	432.125-432.175	145.975-145.925	145.970
AO-7 (Phase-2B)	7530		2304.100	435.100
AO-8 (Phase-2D)	10703	145.850-145.900	29.400- 29.500	29.402
AO-8 (Phase-2D)	10703	145.900-146.000	435.200-435.100	435.095
UO-9 (UoSAT-1)	12888		145.825/435.025	2401.000
AO-10 (Phase-3B)	14129	435.030-146.180	145.975-145.825	145.810
UO-11 (UoSAT-2)	14781		145.826/435.025	2401.500
MIR	16609	145.985	145.985	145.985
FO-12 (JAS-1)	16909	145.900-146.000	435.900-435.800	435.795
FO-12 (JAS-1)	16909	145.85/87/89/91	435.910	
RS-12 (Sputnik)	21089	21.210- 21.250	29.410- 29.450	29.408
RS-13 (Sputnik)	21089	21.260- 21.300	145.860-145.900	145.862
AO-13 (Phase-3C)	19216	435.423-435.573	145.975-145.825	145.812
UO-14 (UoSAT-3)	20437	145.975	435.070	
RS-15 (Sputnik)	23439	145.858-145.898	29.354- 29.394	29.352
AO-16 (PACSAT)	20439	145.920	437.026	
AO-16 (PACSAT)	20439	145.920	437.026	2401.143
DO-17 (DOVE)	20440		145.825	2401.220
WO-18 (WEBERSAT)	20441		437.104/437.075	
LO-19 (LUSAT)	20442	145.840-145.900	437.125/150	437.125
FO-20 (JAS-1b)	20480	145.900-146.000	435.900-435.800	435.795
FO-20 (JAS-1b)	20480	145.85/87/89/91	435.910	
RS-21 (Sputnik)	27394			145.825
RS-22 (Mozhayets-4)	27939		432.098	435.352
UO-22 (UoSAT-5)	21575	145.900/145.975	435.120	435.120
KO-23 (KITSAT-A)	22077	145.900/145.850	435.175	435.175
KO-25 (KITSAT-B)	22828	145.980/145.870	436.500	436.500
IO-26 (ITAMSAT)	22826	145.875-145.950	435.822/435.867	435.791
AO-27 (EYESAT-A)	22825	145.850	436.795	436.795
PO-28 (POSAT)	22829	145.925/145.975	435.075/435.275	
FO-29 (JAS-2)	24278	145.900-146.000	435.900-435.800	435.795
FO-29 (JAS-2)	24278	145.85/87/89/91	435.910	
RS-30 (Yubileiniy-1)	32953		435.215	435.315
NOAA-15	25338		137.620/1702.500	
TO-31 (TMSAT-1)	25396	145.925/145.975	436.925/436.900	436.925
GO-32 (TechSat)	25397	145.850/145.930	435.225	435.325
SAFIR-S	25399			2401.900
SO-33 (SEDSAT-1)	25509		437.910	437.910
PO-34 (PANSAT)	25520	436.500	436.500	
ISS	25544	145.825	145.825	145.825
ISS	25544	145.990	145.800	145.800

ISS	25544	437.550	437.550	437.550
ISS	25544	145.200	145.800	
ISS	25544	144.490	145.800	
SO-35 (SUNSAT-1)	25636	436.291	145.825	145.825
UO-36 (UoSAT-12)	25693	145.960	437.400/437.025	437.400
WO-39 (JAWSAT)	26061	145.860	437.070/437.175	
OO-38 (OPAL)	26063		437.100	437.100
AO-37 (ASUSAT)	26065	145.960/145.980	435.700	
RS-39 (Chibis-M)	38051		435.215	435.315
AO-40 (Phase-3D)	26609			2401.323
RS-40 (MiR)	38736			435.365
SO-41 (SaudiSat-1a)	26545		436.775	436.775
SO-42 (SaudiSat-1b)	26549		436.075	436.075
SO-43 (Starshine)	26929			145.820
NO-44 (PCsat1)	26931	145.827	145.827	145.827
NO-44 (PCsat1)	26931	435.250	145.827	145.827
NO-44 (PCsat1)	26931		144.390	144.390
NO-44 (PCsat1)	26931		144.390	144.390
NO-45 (Sapphire)	26932	145.945	437.100	437.100
MO-46 (TiungSat)	26548	145.850/145.925	437.325	437.325
BO-47 (IDEFIX)	27422		145.840	145.840
BO-48 (IDEFIX)	27422		435.270	435.270
AO-49 (Rubin-2)	27605	435.275	145.825	145.825
SO-50 (SaudiSat-1c)	27607	145.850	436.795	
DTUSAT	27842			437.475
AAUSAT	27846		437.450	437.450
CANX-1	27847		437.880	
QUAKESAT	27845		436.682	436.682
AO-51 (Echo)	28375	145.920	435.300	435.150
AO-51 (Echo)	28375	145.860/145.880	2401.200	435.150
AO-51 (Echo)	28375	1268.700	435.150	435.150
VO-52 (Hamsat)	28650	435.220-435.280	145.930-145.870	145.936
VO-52 (Hamsat)	28650	435.225-435.275	145.925-145.875	145.860
PCSat2		145.825	435.275	437.975
NOAA-18	28654		137.9125/1707.000	
UWE-1	28892		437.505	437.505
XO-53 (SSETI)	28894		437.250	437.250
AO-54 (SuitSat)	28933		145.990	
CO-55 (CUTE-I)	27844		437.470	436.838
CO-56 (CUTE1.7)	28941		437.505	437.382
CO-56 (CUTE1.7)	28941	1268.500	437.505	437.382
CO-57 (XI-IV)	27848		437.490	436.848
CO-58 (XI-V)	28895		437.345	437.465
NCUBE2	28897			437.305
AeroCube1			902/928	
HAUSAT-1			437.465	437.465
ICEcube1			437.305	
ICEcube2			437.425	
ION			437.505	437.505
KUTESat Pathfinder			437.385	
Mea Huaka'i Voyager			437.405/5.840GHz	
MEROPE			145.980	
nCUBE-1			437.305	
PICPOT			437.485	
PICPOT			2440.000	
PolySat CP1			436.845	

PolySat CP2			437.325	437.325
RINCON			436.870	437.345
SACRED			436.870	
SEEDS			437.485	
HO-59 (HITSAT)	29484	145.980	437.425	437.275
GeneSat-1	29655		437.065/437.100	437.065
NMARS	29662	148.975	27.965	
NO-60 (RAFT)	29661	145.825	145.825	145.825
NO-61 (ANDE)	29664	145.825	145.825	145.825
NO-62 (FCAL)	29667		437.385	437.385
PO-63 (PehuenSat)	29712		145.825	145.825
AeroCube-2	31122		902-928	
MAST	31126		2400.000-2483.500	
PolySat CP3	31128		436.845	
LIBERTAD-1	31129		437.405	437.399
CAPE-1	31130		435.245	435.248
PolySat CP4	31132		437.325	437.323
CSTB-1	31133		400.038	
CO-65 (CUTE1.7+APDII)	32785		437.475	437.275
CO-65 (CUTE1.7+APDII)	32785	1267.600	437.475	
COMPASS-1	32787		437.405	437.275
AAUSAT-II	32788		437.432	437.432
AAUSAT-II	32788		437.432	437.432
DO-64 (DELFI-C3)	32789		145.870	145.867
DO-64 (DELFI-C3)	32789	435.530-435.570	145.920-145.880	145.930
CANX-2	32790		437.478	
CANX-2	32790		2200.000	
CO-66 (SEEDS-II)	32791		437.485	437.485
RS-30 (Yubileiniy-1)	32953		435.215	435.315
PRISM (HITOMI)	33493		437.425	437.250
KAGAYAKI	33495		437.375	437.375
SOHLA-1 (MAIDO-1)	33496		437.505	437.505
STARS (KUKAI mother)	33498		437.485	437.305
STARS (KUKAI daught)	33498		437.465	437.275
KKS-1 (KISEKI)	33499		437.445	437.385
NOAA-19	33591		137.100/1698.000	
PharmaSat-1	35002		437.465	437.465
CP-6	35003		437.365	437.365
HawkSat-1	35004		437.345	437.345
DRAGONSat (AggieSat)	35690		436.250	436.250
DRAGONSat (BEVO-1)	35690		437.325	437.325
ANDE-2 (Pollux)	35693		145.825	145.825
ANDE-2 (Castor)	35694		145.825	145.825
RS-28 (UgatuSat)	35868		435.266/435.442	435.264
RS-38 (Tatiana-2)	35869		435.448/435.498	435.490
SO-67 (SumbandilaSat)	35870	145.875	435.345	435.300
SwissCube-1	35932		437.505	437.505
BeeSat	35933		436.000	436.000
UWE-2	35934		437.385	437.385
ITU-pSat1	35935		437.325	437.325
HO-68 (XW-1)	36122	145.925-145.975	435.765-435.715	435.790
HO-68 (XW-1)	36122	145.825	435.675	435.790
Waseda-SAT2	36574		437.485	437.485
Negai*	36575		437.305	437.305
UNITEC-1	36578		5840.000	5840.000
StudSat	36796	437.505	437.505	437.861

TIIsat-1	36799	145.980	437.305	145.980
RAX-1	37223		437.505	437.505
O/OREOS	37224		437.300/437.305	
FO-69 (FASTRAC-1)	37227	145.825	437.345	437.342
FO-69 (FASTRAC-1)	37227	145.980	437.345	437.342
NanoSail-D2	37361			437.270
FO-70 (FASTRAC-2)	37380	435.025	145.825	145.825
FO-70 (FASTRAC-2)	37380	437.345	145.825	145.825
CAERUS			437.600	437.600
E1P (Explorer-1 Prime)		437.305	437.505	
Hermes			437.425	
KySat-1		145.850	436.790	
ARISSat-1	37772	435.742-435.758	145.938-145.922	145.919
ARISSat-1	37772		145.950	145.950
ARISSat-1	37772		145.918	145.919
ARISSat-1	37772		145.939	145.939
Jugnu	37839		437.505	437.276
SRMSAT	37841	145.900	437.500	437.425
RAX-2	37853		437.345	437.345
AO-71 (AubieSat-1)	37854		437.475	437.473
E1P-U2	37855		437.505	437.502
M-Cubed	37855		437.485	437.485
LARES	38077			
ALMASat-1	38078		437.465/2407.850	437.465
e-st@r	38079		437.445	437.445
Goliat	38080		437.485	437.485
MaSat-1 (MO-72)	38081		437.345	437.345
Xatcobeo	38082		437.365/145.940	437.365
PW-Sat1	38083	435.020	145.900	145.902
Robusta	38084		437.325	437.325
UNICubeSAT	38085		437.305	437.305
Horyu-2	38340		437.375	437.375
PROITERES	38756		437.485	437.485
AENEAS	38760		437.600	437.600
CSSWE	38761		437.349	437.349
CXBN	38762		437.525	437.525
CP5	38763		437.405	437.405
RAIKO	38852		2.285GHz 13GHz	2285.000
FITSAT-1	38853		437.445/5.84GHz	437.250
TechEdSat	38854		437.465	437.465
F-1	38855		145.980	437.485
WE_WISH	38856		437.515	437.505
AAUSat-3	39087		437.425	437.425
STRaND-1	39090		437.568	437.568
TugSat-1 (CanX-3B)	39091		145.890/437.365	2234.400
UniBRITE (CanX-3A)	39092		145.890	145.890
Bion-M1	39130			
OSSI-1	39131		437.525	145.980
AIST-2 (RS-43)	39133		435.215	435.265
SOMP	39134		437.485	437.503
BEESAT-3	39135		435.950	435.950
BEESAT-2	39136		435.950	435.950
GRAHAM (PhoneSat1)	39142		2401.200-2431.200	437.425
BELL (PhoneSat1)	39143		2401.200-2431.200	437.425
Dove-1/2	39144		145.825	2420.000
ALEXANDER (PhoneSat)	39146		2401.200-2431.200	437.425

NEE-01 Pegaso	39151		910.000(bandwidth 25MHz)	
TURKSAT-3USAT	39152	145.940-145.990	435.200-435.250	437.225
CubeBug-1	39153		437.445	437.438
EstCube-1	39161		437.505/2401.250	437.254
CUSat-1	39266		437.405	437.405
DANDE	39267		436.750	436.750
CUSat-2	39271		437.485	437.485
PhoneSat2.4	39381		2401.200-2431.200	437.425
CAPE-2 (LO-75)	39382	145.825	145.822/437.325	145.825
DragonSat-1	39383		145.870	
KySat-2	39384		437.405	437.402
TJ3Sat	39385			437.320
NPS-SCAT	39389		2401.200-2447.600	437.525
COPPER	39395		2403.000-2403.400	437.290
Black Knight-1	39398		437.345	
Trailblazer-1	39400		437.425	
SwampSat	39402		437.385	
Ho'oponopono-2	39403		427.220	
ChargerSat-1	39405		437.405	
Vermont Lunar	39407		437.305	
ArduSat-1	39412		437.325	437.000
PicoDragon	39413		437.xxx	437.250
ArduSat-X	39414		437.345	437.007
TechEdSat-3	39415		437.465	437.465
ZACube-1	39417	145.860	437.356	14.099
OPTOS	39420			
UniSat-5	39421		437.175/437.425	
WNISAT-1	39423		467.674	
Triton-1	39427	435.xxx	145.818/145.823	2408.000
Delfi-n3Xt	39428		145.870/145.930	2405.000
Delfi-n3Xt	39428	435.530-435.570	145.880-145.920	
Dove-3	39429			
GOMX-1	39430		437.250	
BRITE-PL	39431		437.365/2234.400	145.890
ICUBE-1	39432	435.060	145.947	
Humsat-D	39433		437.325/437.525	437.325
Dove-4	39434			
Wren	39435		437.405	437.405
Eagle-2 (\$50SAT MO-76)	39436		437.505	437.505
Eagle-1 (BeakerSat-1)	39437		437.465	
VELOX-P2	39438	437.305	145.980	145.980
First-MOVE	39439	435.520	145.970	145.970
CubeBug-2 (LO-74)	39440		437.445	
NEE-02 Krysaor	39441		980.000(bandwidth 25MHz)	
PUCP-SAT-1	39442	145.840	145.840/437.200	
Qubescout-S1	39443		437.525	
FUNcube-1 (AO-73)	39444	435.130-435.150	145.970-145.950	
FUNcube-1 (AO-73)	39444		145.935	
HiNCube	39445		437.305	
UWE-3	39446		435.000/436.395/437.385	
FIREBIRD-U1	39463		437.405	
FIREBIRD-U2	39464		437.230	
ALICE	39467		460.xxx	
MCubed-2	39469		437.485	437.479
CUNYSAT-1	39470		437.505	437.505
IPEX	39471		437.270	437.270

AIST-1 (RS-41)	39492			435.265
E-Star-2			437.485	
Pocket-PUCP			437.200	437.200
TetherSat			437.100/437.305	
SkyCube	39567		915.000	
LitSat-1	39568	435.135-435.165	145.965-145.935	
LitSat-1	39568	435.550	145.845	435.138
LituanicaSAT-1 (LO-78)	39569	145.950	435.176	
LituanicaSAT-1 (LO-78)	39569	145.850	437.543	437.275
ArduSat-2	39570		437.xxx	
UAPSat-1	39571	145.980	437.385	437.385
ShindaiSat	39572		437.305	437.485
ITF-1	39573			437.525
OPUSAT	39575		437.154	437.154
TeikyoSat-3	39576		437.450	437.450
ARTSAT1-INVADER (C)	39577		437.200	437.325
KSAT2	39578		S Ku-band	
STARS-II (Mother)	39579		437.405	437.245
STARS-II (Daughter)	39579		437.425	437.255
SporeSat	39681		2401.200-2431.200	437.100
TSAT (TestSat-Lite)	39682			
All-Star/THEIA	39683		2401.700	
PhoneSat2.5	39684		2401.200-2431.200	437.425
KickSat	39685		2401.000-2436.200	437.505
Sprites			437.240	
UNIFORM-1	39767			
SOCRATES	39768			
RISING-2	39769	435.xxx	2401.xxx	
SPROUT	39770		437.525	437.525
SPROUT	39770	437.600	437.600	
UniSat-6	40012		437.425	
BugSat-1	40014		437.445	
SaudiSat-4	40016			
TabletSat-Aurora	40017		435.550/436.100	437.050
DUCHIFAT	40021	435.220	145.825/145.980	145.980
PACE	40023		437.485	437.485
NanosatC-Br1	40024	435.xxx	145.865	145.865
QB50p1/FUNcube3 (EO)	40025	435.050-435.075	145.970-145.945	145.815
POPSAT-HIP1	40028		437.405	437.405
DTUsat-2	40030	1268.900	2401.835	2401.848
QB50p2 (EO-80)	40032	435.080	145.880/145.840	145.880
ANTELSat	40034		437.575/2403.000	437.280
Perseus-M2	40037		400.190/400.221	
Perseus-M1	40039		400.160/400.170	
PolyITAN-1	40042		437.677	437.677
TigriSat	40043		435.000	
ESTELLE			U S-band 5.8GHz	
UNSA-SAT1			3.4GHz	
AISat	40054		437.250	437.511
CanX-4	40055		145.890/2234.400	437.365
CanX-5	40056		145.890/2234.400	437.365
VELOX-I	40057		145.980	145.980
iINUSat		145.950	436.915	
METEOR-M 2	40069		137.100	
DX-1	40071	144.975-145.025	434.975-435.025	438.225
UKube-1	40074	435.020-435.040	145.960-145.940	

UKube-1	40074		145.805/2401.000	145.840
FUNcube-2	40074	435.060-435.080	145.950-145.930	
FUNcube-2	40074			145.915
myPocketQub			437.425-437.525	
Venta-1			437.325	
Chasqui-1	40117		437.025	
4M-LXS			145.980	
RACE			437.525	437.525
GOMX-2			437.250	
ChubuSat-1		145.980	437.485	437.485
Hodoyoshi-1			467.674	
TSUBAME			437.505	437.275
SpinSat			437.230	
ARTSAT2-DESPATCH (FO-81)				437.325
SHIN'EN2 (FO-82)		145.940-145.960	435.280-435.260	437.385/437.505
FIREBIRD-II FU3	40377		437.397/437.405	
FIREBIRD-II FU4	40378		437.219/437.230	
GRIFEX	40379		437.480	
ExoCube	40380		437.270	437.270
AESP14			437.600	
Lambda-Sat			437.462	
PSat-A/B (NO-84)	40654	28.120/145.825	145.825/435.350	
BRICsat (NO-83)	40655	28.120//145.825	437.975//435.350	
LightSail-A	40661		437.435	
PTecSat			436.000/437.000-427.200	
USS Langley		28.120/145.825	437.475/435.350	
AggieSat-4			436.250	
Bevo-2			437.325	
DeorbitSail	40719		145.975	
SERPENS	40897		145.980/437.365	
CAS-3A (XW-2A)	40903	435.030-435.050	145.685-145.665	145.640/145.660
CAS-3B (XW-2B)	40911	435.090-435.110	145.750-145.730	145.705/145.725
CAS-3C (XW-2C)	40906	435.150-435.170	145.815-145.795	145.770/145.790
CAS-3D (XW-2D)	40907	435.210-435.230	145.880-145.860	145.835/145.855
CAS-3E (XW-2E)	40909	435.270-435.290	145.935-145.915	145.890/145.910
CAS-3F (XW-2F)	40910	435.330-435.350	146.000-146.980	145.955/145.975
CAS-3G (DCBB)	40912		145.475/437.950	
CAS-3H (LilacSat-2)	40908	144.350/144.390	437.225/144.390	437.200
CAS-3I (NUDT-Phone)	40900		437.300	
TW-1A	40928		435.645	
TW-1B	40927		437.645	
TW-1C	40926		435.645	
LAPAN-A2/ORARI	40931	435.880/145.825	145.880/145.825	437.425
AAUSat-5	40948		437.425	437.425
GomX-3	40949		437.250	
LQSat	40958		437.650/2404.030	437.650
ARC-1	40969		437.565	2440.500
BisonSat	40968		437.375	
Fox-1A (AO-85)	40967	435.185	145.978	145.980
Fox-1B		435.250	145.960	
Fox-1C		435.300/1267.300	145.920	
Fox-1D		435.350/1267.350	145.880	
Argus			2403.000-2403.400	437.290
EDSN			2401.200-2431.200	437.100
HawaiiSat1 (HiakaSat1)			145.9805	437.2705
ORS-Squared			437.325	

PrintSat			437.325	
STU-1			2402.000-2445.000	436.360
Supernova-Beta			437.570	
Nayif-1		435.015-435.045	145.990-145.960	145.940
ITASAT-1			145.860/2400.150	
HORYU-4			437.375/2400.300	437.375
ChubuSat-2		145.840	437.100	
ChubuSat-3		145.840	437.425	
STARS-C (Mother)			437.405	437.245
STARS-C (Daughter)			437.425	437.255
Waseda-Sat3			437.290	437.290

RS series

Satellite	Number	Launch	Downlink	Status
RS-1 (Radio Sputnik 1)	11085	26-Oct-78		Non-Operational
RS-2 (Radio Sputnik 2)	11086	26-Oct-78		Non-Operational
RS-3 (Radio Sputnik 3)	12997	17-Dec-81		Non-Operational
RS-4 (Radio Sputnik 4)	13000	17-Dec-81		Non-Operational
RS-5 (Radio Sputnik 5)	12999	17-Dec-81		Non-Operational
RS-6 (Radio Sputnik 6)	13002	17-Dec-81		Non-Operational
RS-7 (Radio Sputnik 7)	13001	17-Dec-81		Non-Operational
RS-8 (Radio Sputnik 8)	12998	17-Dec-81		Non-Operational
RS-9 (Radio Sputnik 9)				Project Cancel
RS-10 (COSMOS 1861)	18129	23-Jun-87	29.357/29.403	Non-Operational
RS-11 (COSMOS 1861)	18129	23-Jun-87	29.357/29.403	Non-Operational
RS-12 (COSMOS 2123)	21089	5-Feb-91	29.408/29.454	Non-Operational
RS-13 (COSMOS 2123)	21089	5-Feb-91	21.138/29.504	Non-Operational
RS-14 (Informator-1)	21087	29-Jan-91	145.822/145948	Non-Operational
RS-15 (Radio Rosto)	23439	26-Dec-94	29.3525/29.3987	Operational
RS-16 (Mozhayets-2)	24744	4-Mar-97	435.510	Non-Operational
RS-17 (Sputnik 40)	24958	5-Oct-97	145.820	Non-Operational
RS-18 (Sputnik 41)	25533	25-Oct-98	145.812	Non-Operational
RS-19 (Sputnik 99)	25685	16-Apr-98	145.815	Non-Operational
RS-20 (Mozhayets-3)	27560	28-Nov-02	145.828/435.319	Unknown
RS-21 (Kolibri-2000)	27394	26-Nov-01	145.825	Unknown
RS-22 (Mozhayets-4)	27939	27-Sep-03	432.098/435.352	Operational
RS-23 (Tatyana)	28523	20-Jan-05	435.215/435.315	Non-Operational
RS-24				Unknown
RS-25 (Mozhayets-5)	28898	27-Oct-05	435.325	Unknown
RS-26 (Sinah-1)	28893	5-Oct-05		Engineering
RS-27 (Baumanets-1)		26-Jul-06		Launch failed
RS-28 (UgatuSat)	35868	17-Sep-09	435.264	Non-Operational
RS-29 (Sterkh)				ID reserved
RS-30 (Yubileiniy-1)	32953	23-May-08	435.215/435.315	Operational
RS-31 to RS-37				for ORBCOMM
RS-38 (Tatyana-2)	35869	17-Sep-09	435.490	Non-Operational
RS-39 (Chibis-M)	38051	25-Jan-12	435.215/435.315	Non-Operational
RS-40 (MiR)	38736	28-Jul-12	435.365	Non-Operational
RS-41 (AIST-1)	39492	28-Dec-13	435.265	Operational
RS-42				Unknown
RS-43 (AIST-2)	39133	19-Apr-13	435.215/435.265	Operational
RS-44				
RS-45				
RS-46 (COSMOS-2491)	39497	25-Dec-13	435.465/435.565	Operational

RS-47 (COSMOS-2499)	39765	23-May-14	435.465/435.565	Operational
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Active
 Inactive
 Reentered
 Failed
 Earth Escape

Mode	Callsign
CW	
CW	
SSB CW	
SSB CW	
CW	
SSB CW	
A	
B C	
D(RTTY)	
SSB CW	
SSB CW	
SSB CW	
SSB CW	
(V)FM (S)PSK	UOSAT-2
Packet	R0MIR-1
SSB CW	
1200bps JAS	8J1JAS
SSB CW	
SSB CW	
SSB CW	
FM	
SSB CW	
FM USB	
1200bps JAS	PACSAT-11 -12
1200bps AFSK	DOVE-1
1200bps PSK	
CW carrier	LUSAT-11 -12
SSB CW	
1200bps JAS	8J1JBS
CW	
CW	
9600bps FSK	UOSAT5-11 -12
9600bps FSK	HL01-11 -12
9600bps FSK	HL02-11 -12
1200bps JAS	ITMSAT-11 -12
1200bps AFSK FM	
9600bps FSK	POSAT1-11 -12
SSB CW (DigiTalker)	
1200bps JAS	8J1JCS
CW	
	(weather sat)
9600bps FSK	TMSAT1-11 -12
9600bps FSK	4XTECH-11 -12
9600bps FSK	DP1AIS
9600bps FSK	SEDSAT-1
Spectrum	
1200bps AFSK	RS0ISS
1200bps AFSK	RS0ISS-3

1200bps AFSK	RS0ISS-4 -11
Voice(Reg 1)	NA1SS
Voice(Reg 2 3)	NA1SS
9600bps FM	SUNSAT-3
38400bps FSK	UO121-11 -12
9600bps FSK	
9600bps FSK	KF6RFX
9600bps FSK	
CW	
400bps PSK	
CW	
9600bps FSK	SASAT1-11 -12
9600bps FSK	SASAT2-11 -12
9600bps FSK	STRSHN
1200bps AFSK	(A) W3ADO-1
9600bps FSK	(A) PCSAT-1
1200bps AFSK	(B) PCSAT-11
9600bps FSK	(B) PCSAT-12
1200bps AFSK	KE6QMD
38400bps FSK	MYSAT3-11 -12
400bps BPSK	
400bps BPSK	
U/1200 D/9600 MSK	
FM tone 67.0Hz	
2400bps AFSK	OZ2DTU
9600bps GMSK	
1200bps AFSK	VA3SFL
9600bps FSK	KD7OVB
FM tone 67.0Hz	
9600bps FSK	PECHO-11 -12
9600bps FSK	PACB-11 -12
SSB Carrier	Indian
SSB CW	Dutch
9600bps FSK	PC2TLM
	(weather sat)
1200bps AFSK	DP0UWE
9600bps FSK	SSETI1
FM	
1200bps AFSK	JQ1YCY
1200bps AFSK	JQ1YPC
9600bps GMSK	
1200bps AFSK CW	JQ1YCW
1200bps AFSK CW	JQ1YGW
9600bps FSK	LA1CUB
9600bps GFSK	
1200bps AFSK	D90HP
9600bps FSK	W2CXM
9600bps FSK	N2VR
1200bps AFSK	
1200bps AFSK	KC0RMW
1200bps AFSK	
1200bps AFSK	K7MSU-1
9600bps GMSK	LA1CUB
9600bps FSK	
10kbit GFSK	
15bps DTMF CW	N6CP

1200bps AFSK	
1200bps AFSK	WA4CEW
1200bps AFSK	WA4CEW
1200bps AFSK	JQ1YGU
1200bps AFSK	JR8YJT
1200bps AFSK	KE7EGC
1200bps FM USB	
1200bps AFSK	RAFT
1200bps AFSK	ANDE-1
1200bps AFSK	KD4HBO
1200bps AFSK	LU1YUC
9600bps GFSK	
FHSS	
1200bps AFSK	
1200bps AFSK	5K3L
1200bps AFSK	K5USL
1200bps SSB	N6CP
1200bps AFSK	
1200bps AFSK CW	JQ1YTC
9600bps GMSK	JQ1YTC
1200bps AFSK CW	DP0COM
1200bps FFSK MSK	
9600bps FSK	OZ2CUB
1200bps BPSK	DLFIC3
SSB CW	DLFIC3
GMSK	VA3SFL
32Kbps-256Kbps BPSK	VA3SFL
1k2AFSK CW DigiTalker	JQ1YGU
CW	
1k2AFSK 9k6GMSK CW	JQ1YCX
9600bps FSK CW	
1200bps AFSK CW	JL3YUS
1200bps FM CW	JR5YBN
1200bps FM CW	JR5YBO
1200bps AFSK CW	JQ1YYY
	(weather sat)
1200bps AFSK	KE7EGC
1200bps AFSK CW	N6CP
1200bps AFSK	
19200bps FSK	
9600bps FSK	
1200bps AFSK	POLLUX-1
1200bps AFSK	KD4HBO-1
CW	
CW	
FM_tone 233.6Hz	
1200bps BFSK CW	HB9EG1
9600/4800bps GMSK	DP0BEE
1200bps AFSK CW	
19200bps GFSK CW	
SSB inverting CW	BJ1SA-11 -12
FM_tone67Hz CW_only	BJ1SA-11 -12
1200bps PCMFsk CW	WASEDA
1200bps AFSK CW	JQ1ZEX
1200bps AFSK CW	JQ1ZUN
9600bps FSK CW	

FM AFSK PSK CW	HB9DE
9600bps GMSK	RAX-1
1200bps AFSK	KF6JBP
1200bps AFSK	FAST1
9600bps FSK	FAST1
1200bps AFSK	KE7EGC
1200bps AFSK	FAST2
9600bps FSK	FAST2
1200bps AFSK	KJ6FIX-1
1200bps AFSK	
1200bps AFSK	
1200bps AFSK	
FM linear/inverting	
FM VOICE/SSTV/Telemetry	
BPSK-1000/CW	RS01S
BPSK-400/CW	
CW	
CW	
9600bps GMSK	
1200bps AFSK CW	
1200bps BPSK	
9600bps GMSK	
	(non-amateur)
1200bps FSK	ALMASAT
1200bps AFSK	E-STAR-1
1200bps AFSK CW	YO7MJF
625/1250bps 2GFSK CW	HA5MASAT
1200bps FFSK SSR CW	
1200bps BPSK FM CW	VOID
1200bps FM	
9600bps FSK	
1200bps FSK CW	JG6YBW
1200bps AFSK CW	JL3YZL
1200bps AFSK	KE6YFA-1
9600bps GMSK	CSSWE7
9600bps GFSK	
1200bps AFSK	CP5
38.4Kbps-500Kbps BPSK	(non-amateur)
1200bps/115.2Kbps	JG6YEW
1200bps FM CW	KJ6TVO
1200bps FM AFSK CW	XV1VN
2400bps FM SSTV CW	JQ1ZIJ
4800bps FSK CW	OZ3CUB
9600bps GMSK	
32Kbps-256Kbps BPSK	
CW	
	(non-amateur)
1200bps AFSK CW	
FM CW	
1200bps AFSK CW	DP0TUD
4800bps GMSK CW	DP0BEF
4800bps GMSK CW	DP0BEF
1200bps AFSK	KJ6KRW-2
1200bps AFSK	KJ6KRW-1
1200bps AFSK	
1200bps AFSK	KJ6KRW

AMTV-CW SSTV	(non-amateur)
Transponder CW	
1200bps AFSK	CUBEB1
9600bps GMSK CW	ES5E-11 ES5E/3
1200bps AFSK	BOTTOM
9600bps GMSK	DANDE-2
1200bps AFSK	WG2XTI
1200bps AFSK	KJ6KRW
1200bps AFSK CW Voice	W5UL-15
9600bps FSK	
9600bps FSK	KK4AJJ
CW	
1200bps AFSK CW	K6NPS
9600bps FSK	
9600bps FSK	
9600bps FSK	
9600bps FSK GMSK	
9600bps FSK	
9600bps FSK	W1VTC2
9600bps MSK CW	WG9XFC-1
1200bps AFSK CW	XV9PID
9600bps MSK CW	WG9XFC-X
1200bps AFSK CW	
1k2AFSK 9k6GMSK CW	123456
	(non-amateur)
9600bps GMSK	
	(non-amateur)
1200bps RC-BPSK CW	TRIV0 TRIV1
2400bps BPSK MSK	
Transponder	
	(non-amateur)
1k2/2k4/4k8/9k6 GMSK	
32Kbps-256Kbps	
1200bps BPSK/FM-DSB_Transponder	
CW	
	(non-amateur)
1200bps FSK CW	
9600bps GFSK RTTY CW	
9600bps GFSK	
1200bps BPSK CW	
1200bps BPSK CW	MOVE1
1k2AFSK 9k6FSK	CUBEB2-6
	(non-amateur)
1200bps AFSK	
9600bps GMSK	
Inverting	
1200bps BPSK	
9600bps GMSK CW	DP0UWG
19200bps FSK	K7MSU
19200bps FSK	K7MSU
GFSK	(non-amateur)
9600bps GMSK	NOCALL
9600bps GMSK CW	
9600bps GMSK CW	KJ6KSL-1

CW	
1200bps AFSK	
1200bps AFSK CW	
9600bps GFSK	
57.6Kbps	(non-amateur)
SSB	
9600bps FSK CW	LY1LS
FM_tone 67.0Hz	
9600bps FSK CW	LY5N
9600bps MSK CCSDS	
1200bps AFSK	OA0UAP-1
1200bps AFSK CW	JR0ZST
CW	JQ1ZLO
1k2AFSK 9k6GFSK CW	JL3ZCA
1200bps AFSK CW	JQ1ZKM
1k2AFSK DigiTalker CW	JQ1ZKK
200Kbps 1Mbps G1D	(non-amateur)
1200bps AFSK CW	JR5YDX
1200bps AFSK CW	JR5YDY
1200bps AFSK	
256Kbps BPSK	COSGC1AS
1200bps AFSK	KJ6KRW
1200bps AFSK	KD2BHC
125bps MSK	
	(non-amateur)
	(non-amateur)
1200bps 9600-96000bps	(non-amateur)
1k2AFSK 9k6GMSK CW	JQ1ZJQ
Digipeater Digtalker SSTV	
9600bps GMSK	II0US
9600bps GMSK	LU7AA
Ka-band transponder	
9600bps GMSK D-STAR	
1200bps AFSK BPSK CW	4X4HSL
1200bps AFSK CW	
1200bps BPSK CW	NCBR1
1200bps BPSK CW SSB	QB50P1
1k2 9k6 CCSDS CW	POPSAT
9k6CPFSK/1k2 19k2 38k4MSK	OZ2DTU
1200bps BPSK CW FM	QB50P2
1k2 AFSK GFSK/MSK CW	CX1SAT
9600bps GFSK	(non-amateur)
9600bps GFSK	(non-amateur)
9600bps 2FSK CW	EMOUKP
9600bps FSK	HNATIG
1Mbps-10Mbps GFSK BPSK	
230Kbps BPSK	
CW	DP0AIS
32Kbps-256Kbps BPSK	
32Kbps-256Kbps BPSK	
9600bps FSK CW	VELOXI
1k2 9k6 2FSK	
72Kbps QPSK	(weather sat)
9600bps GFSK	DAURIA
Transponder	

1200bps BPSK CW	UKUBE1
Transponder	
1200bps BPSK	
1k2AFSK 9k6GMSK	
WSJT-JT65B	LX00HB
38k4bps GMSK CW	
9600bps MSK	
1200bps 9600bps CW	JJ2YJY
1000bps Unknown	(non-amateur)
1200bps AFSK CW	JQ1ZHX
9600bps GFSK	
CW	JQ1ZNN
Transponder WSJT/CW	JG6YIG
19200bps FSK	K7MSU
19200bps FSK	K7MSU
9600bps GMSK	KD8SPS
9600bps FSK CW	KK6HGC XO3
9600bps GFSK	
1200bps AFSK	
1200bps AFSK PSK31	PSAT-1/PSAT
9600bps FSK PSK31	BRCSAT
9600bps FSK	KK6HIT-1
1200bps AFSK	
9600bps FSK PSK31	
9600bps FSK	
38k4bps FSK CW	
1200bps BPSK	DOS
9k6 GFSK/1k2 MSK CW	PY0ESA
9k6/19k2 GMSK CW	BJ1SB
9k6/19k2 GMSK CW	BJ1SC
9k6/19k2 GMSK CW	BJ1SD
9k6/19k2 GMSK CW	BJ1SE
9k6 GMSK CW	BJ1SF
9k6 GMSK CW	BJ1SG
9k6 GMSK	BJ1SH
4k8 GFSK APRS CW	BJ1SI
9k6 GFSK	BJ1SJ
4k8/9k6 GMSK	
4k8/9k6 GMSK	
4k8/9k6 GMSK	
FM APRS	
9600bps GMSK CW	OZ5CUB
9600bps GMSK	
4k8 MSK/1Mbps QPSK CW	
9600bps 1Mbps CW	
9600bps GMSK	
FM CTCSS 67.0Hz 9k6 FSK CW	
FM CTCSS 67.0Hz	
FM CTCSS 67.0Hz	
FM CTCSS 67.0Hz	
1200bps AFSK	
1200bps AFSK	
9600bps GFSK	
9600bps GMSK	

9600bps GMSK	
9600bps GMSK	
1200bps AFSK	
1200bps BPSK	
1200bps BPSK	
1k2 AFSK 9k6 GMSK S-BPSK CW	
1k2 AFSK 9k6 GMSK	
1k2 AFSK 9k6 GMSK	
1k2 FM CW	
1k2 FM CW	
1k2 PCMFSK CW	

Active(*)
Inactive(i)
Reentered(r)

i
i
i
i
i
i
i
i
i
i
*
r
r
r
r
i
i
*
i
i
*
i
i
r
i
*
*
*

