

IDENTIFICATION			MISSION		LAUNCH DATA			ORBITAL DATA					MISSION STATUS		REMARKS			
SATELLITE NAME	INT'L DESIG.	COUNTRY	PROJ. DIR.	C/N DESIG. PURPOSE	DATE	SITE	VEHICLE	PERIOD (MIN)	PERIGEE HEIGHT (KM)	APOGEE HEIGHT (KM)	INCL. (DEG)	SEMI-MAJOR AXIS (KM)	ECCEN. (HD)	RIGHT ASCENSION RATE (DEG/DAY)		GEOSYNCR ORBITAL POSITION (DEG. EAST)	STATUS	DATE
COSMOS-1314	1981-101-A	USSR		MIL RECON	09-Oct-81	PLE	F-2	89.0	220.0	263.0	82.3	6619.7	0.003248	-1.17220E+00		REC	22-Oct-81	MED. RESOLUTION PHOTOGRAPHIC TV & MULTICHANNEL RADIOCOM. REPLACED COSMOS-1154
RADUGA-9	1981-102-A	USSR		MIL COMMU	09-Oct-81	BAI	D-1-e	1442.0	35900.0	35900.0	0.4	42278.2	0.000000	-1.32873E-02	361.0			
COSMOS-1315	1981-103-A	USSR		MIL ELINT	14-Oct-81	PLE	A-1	97.7	628.0	685.0	81.2	7034.7	0.004051	-1.08186E+00				
COSMOS-1316	1981-104-A	USSR		MIL RECON	15-Oct-81	BAI	A-2	90.5	215.0	407.0	70.3	6689.2	0.014352	-2.84438E+00		REC	29-Oct-81	
17TH MOLNIYA-3	1981-105-A	USSR		MIL COMMU	17-Oct-81	PLE	A-2-e	736.0	649.0	40644.0	63.0	27024.7	0.739973	-1.41129E-01				REPLACED 12TH MOLNIYA-3
VENERA-13	1981-106-A	USSR		CIV INTER	30-Oct-81	BAI	D-1-e											AUTOMATIC INTERPLANETARY STATION
NO NAME	1981-107-A	USA	USAF	MIL UNK 'N	31-Oct-81	ETR	TITAN IIIC											*CURRENT ELEMENTS NOT MAINTAINED*
COSMOS-1317	1981-108-A	USSR		MIL EARLY	31-Oct-81	PLE	A-2-e	726.0	636.0	40165.0	62.9	26778.7	0.738069	-1.44417E-01				
COSMOS-1318	1981-109-A	USSR		MIL RECON	03-Nov-81	PLE	A-2	89.8	183.0	379.0	67.2	6659.2	0.014717	-3.32174E+00		REC	04-Dec-81	
VENERA-14	1981-110-A	USSR		CIV INTER	04-Nov-81	BAI	D-1-e											
STS-2	1981-111-A	USA	NASA	CIV MAN'D	12-Nov-81	ETR	STS-2	89.0	219.0	229.0	38.0	6602.2	0.000757	-6.95805E+00		RET	14-Nov-81	AUTOMATIC INTERPLANETARY STATION
COSMOS-1319	1981-112-A	USSR		MIL RECON	13-Nov-81	BAI	A-2	90.4	216.0	400.0	70.4	6686.2	0.013760	-2.83486E+00		REC	27-Nov-81	COLUMBIA:GSTA-1 PAYLOAD & RMS TESTS
SIST MOLNIYA-1	1981-113-A	USSR		MIL COMMU	17-Nov-81	PLE	A-2-e	702.0	472.0	39117.0	62.8	26172.7	0.738271	-1.57201E-01				
SATCOM-3R	1981-114-A	USA	RCA	CIV COMMU	20-Nov-81	ETR	DELTA	1436.1	35779.0	35794.0	0.1	42164.7	0.000178	-1.34132E-02	228.0			REPLACED 39TH MOLNIYA-1
BHASKARA-2	1981-115-A	INDIA	ISRO	CIV ERSAT	20-Nov-81	AKY	C-1	95.2	514.0	557.0	50.7	6913.7	0.003110	-4.75939E+00				FIXED SATELLITE SERVICE
COSMOS-1320	1981-116-A	USSR		MIL COMMU	20-Nov-81	PLE	C-1	117.0	1507.0	1632.0	74.0	7947.7	0.007864	-1.27177E+00				TACTICAL COMMUNICATIONS
COSMOS-1321	1981-116-B	USSR		MIL COMMU	20-Nov-81	PLE	C-1	117.0	1507.0	1632.0	74.0	7947.7	0.007864	-1.27177E+00				TACTICAL COMMUNICATIONS
COSMOS-1322	1981-116-C	USSR		MIL COMMU	20-Nov-81	PLE	C-1	117.0	1507.0	1632.0	74.0	7947.7	0.007864	-1.27177E+00				TACTICAL COMMUNICATIONS
COSMOS-1323	1981-116-D	USSR		MIL COMMU	20-Nov-81	PLE	C-1	117.0	1507.0	1632.0	74.0	7947.7	0.007864	-1.27177E+00				TACTICAL COMMUNICATIONS
COSMOS-1324	1981-116-E	USSR		MIL COMMU	20-Nov-81	PLE	C-1	117.0	1507.0	1632.0	74.0	7947.7	0.007864	-1.27177E+00				TACTICAL COMMUNICATIONS
COSMOS-1325	1981-116-F	USSR		MIL COMMU	20-Nov-81	PLE	C-1	117.0	1507.0	1632.0	74.0	7947.7	0.007864	-1.27177E+00				TACTICAL COMMUNICATIONS
COSMOS-1326	1981-116-G	USSR		MIL COMMU	20-Nov-81	PLE	C-1	117.0	1507.0	1632.0	74.0	7947.7	0.007864	-1.27177E+00				TACTICAL COMMUNICATIONS
COSMOS-1327	1981-116-H	USSR		MIL COMMU	20-Nov-81	PLE	C-1	117.0	1507.0	1632.0	74.0	7947.7	0.007864	-1.27177E+00				TACTICAL COMMUNICATIONS
COSMOS-1328	1981-117-A	USSR		MIL DRSAT	03-Dec-81	PLE	F-2	97.8	647.0	677.0	82.5	7040.2	0.002131	-9.20489E-01				EDRSAT? PHASED WITH C-13008-1378
COSMOS-1329	1981-118-A	USSR		MIL RECON	04-Dec-81	BAI	A-2	89.5	237.0	283.0	65.0	6638.2	0.003465	-3.66140E+00		REC	18-Dec-81	
INTELSAT-V F3	1981-119-A	INT'L	INTELSAT	CIV COMMU	15-Dec-81	ETR	ATLAS-CEAUR	1439.1	35690.0	36001.0	0.3	42223.7	0.003683	-1.33479E-02	15.0			
RADIO-3	1981-120-A	USSR	DOSAAF	CIV COMMU	17-Dec-81	PLE	C-1	120.9	1685.0	1794.0	83.0	8117.7	0.006714	-5.22133E-01				AMATEUR RADIO
RADIO-4	1981-120-B	USSR	DOSAAF	CIV COMMU	17-Dec-81	PLE	C-1	120.9	1685.0	1794.0	83.0	8117.7	0.006714	-5.22133E-01				AMATEUR RADIO
RADIO-5	1981-120-C	USSR	DOSAAF	CIV COMMU	17-Dec-81	PLE	C-1	120.9	1685.0	1794.0	83.0	8117.7	0.006714	-5.22133E-01				AMATEUR RADIO
RADIO-6	1981-120-D	USSR	DOSAAF	CIV COMMU	17-Dec-81	PLE	C-1	120.9	1685.0	1794.0	83.0	8117.7	0.006714	-5.22133E-01				AMATEUR RADIO
RADIO-7	1981-120-E	USSR	DOSAAF	CIV COMMU	17-Dec-81	PLE	C-1	120.9	1685.0	1794.0	83.0	8117.7	0.006714	-5.22133E-01				AMATEUR RADIO
RADIO-8	1981-120-F	USSR	DOSAAF	CIV COMMU	17-Dec-81	PLE	C-1	120.9	1685.0	1794.0	83.0	8117.7	0.006714	-5.22133E-01				AMATEUR RADIO
COSMOS-1330	1981-121-A	USSR		MIL RECON	19-Dec-81	BAI	A-2	90.0	177.0	403.0	70.4	6668.2	0.016946	-2.86229E+00		REC	19-Jan-82	
MARECS 1	1981-122-A	EUROPE	ESA	CIV COMMU	20-Dec-81	CSG	ARIANE	1430.8	35620.0	35743.0	2.3	42059.7	0.001462	-1.35200E-02	361.0			MARINE MOBILE SATELLITE SERVICE
CAT-4	1981-122-B	EUROPE	ESA	CIV EXPTL	20-Dec-81	CSG	ARIANE	636.1	218.0	35795.0	10.5	24384.7	0.729496	-4.09661E-01				LAUNCH VEHICLE TEST PACKAGE
52ND MOLNIYA-1	1981-123-A	USSR		MIL COMMU	23-Dec-81	PLE	A-2-E	699.0	485.0	38990.0	63.0	26115.7	0.737202	-1.56243E-01				REPLACED 45TH MOLNIYA-1
COSMOS-1331	1982-1-A	USSR		MIL COMMU	07-Jan-82	PLE	C-1	100.7	776.0	819.0	74.0	7175.7	0.002996	-1.81838E+00				STORE & DUMP : REPLACED C-1302
COSMOS-1332	1982-2-A	USSR		MIL RECON	13-Jan-82	PLE	A-2	89.1	218.0	275.0	82.3	6624.7	0.004302	-1.16912E+00		REC	25-Jan-82	MED. RESOLUTION PHOTOGRAPHIC
COSMOS-1333	1982-3-A	USSR		MIL NAVIG	14-Jan-82	PLE	C-1	105.0	989.0	1029.0	82.9	7387.2	0.002707	-7.36571E-01				REPLACED COSMOS-1150
SATECOM-4	1982-4-A	USA	RCA	CIV COMMU	16-Jan-82	ETR	DELTA	1436.2	35781.0	35794.0	0.1	42165.7	0.000154	-1.34121E-02	277.0			FIXED SATELLITE SERVICE
COSMOS-1334	1982-5-A	USSR		MIL RECON	20-Jan-82	PLE	A-2	89.4	206.0	315.0	72.9	6638.7	0.008210	-9.07097E-02		REC	03-Feb-82	
KH-9	1982-6-A	USA	USAF	MIL RECON	21-Jan-82	WTR	TITAN IIIB	91.2	137.0	527.0	97.3	6710.2	0.029060	1.06182E+00		DEC	23-May-82	HJ-RESOL. FILM RECON.
COSMOS-1335	1982-7-A	USSR		MIL RADAR	29-Jan-82	PLE	C-1	94.7	487.0	535.0	74.0	6889.2	0.003484	6.23408E-01				REPLACED COSMOS-1186
COSMOS-1336	1982-8-A	USSR		MIL RECON	29-Jan-82	BAI	A-2	89.8	179.0	379.0	70.4	6657.2	0.015021	-2.87853E+00		REC	26-Feb-82	HI RESOLUTION PHOTOGRAPHIC
EKRAN-B	1982-9-A	USSR		CIV COMMU	05-Feb-82	BAI	D-1-e	1429.0	35658.0	35658.0	0.4	42036.2	0.000000	-1.35570E-02	99.0			TV RELAY
COSMOS-1337	1982-10-A	USSR		MIL DRSAT	11-Feb-82	BAI	F-1-m	93.3	436.0	456.0	65.0	6824.2	0.001465	-3.32379E+00		DEC	25-Jul-82	EDRSAT; PAIRED WITH COSMOS-1306
COSMOS-1338	1982-11-A	USSR		MIL RECON	16-Feb-82	PLE	A-2	90.2	208.0	393.0	72.8	6678.7	0.013850	-2.62176E+00		REC	02-Mar-82	MED. RESOLUTION PHOTOGRAPHIC
COSMOS-1339	1982-12-A	USSR		MIL NAVIG	17-Feb-82	PLE	C-1	104.8	975.0	1029.0	82.9	7380.2	0.003658	-7.39028E-01				REPLACED COSMOS-1092
COSMOS-1340	1982-13-A	USSA		MIL ELINT	19-Feb-82	PLE	A-1	97.6	636.0	679.0	81.2	7035.7	0.003056	-1.08131E+00				REPLACED COSMOS-1206
WESTAR-4	1982-14-A	USA	WU	CIV COMMU	26-Feb-82	ETR	DELTA 3910	1436.2	35781.0	35794.0	0.0	42165.7	0.000154	-1.34121E-02	290.0			FSS; REPLACED WESTAR 1