

Table of artificial satellites launched in 1985

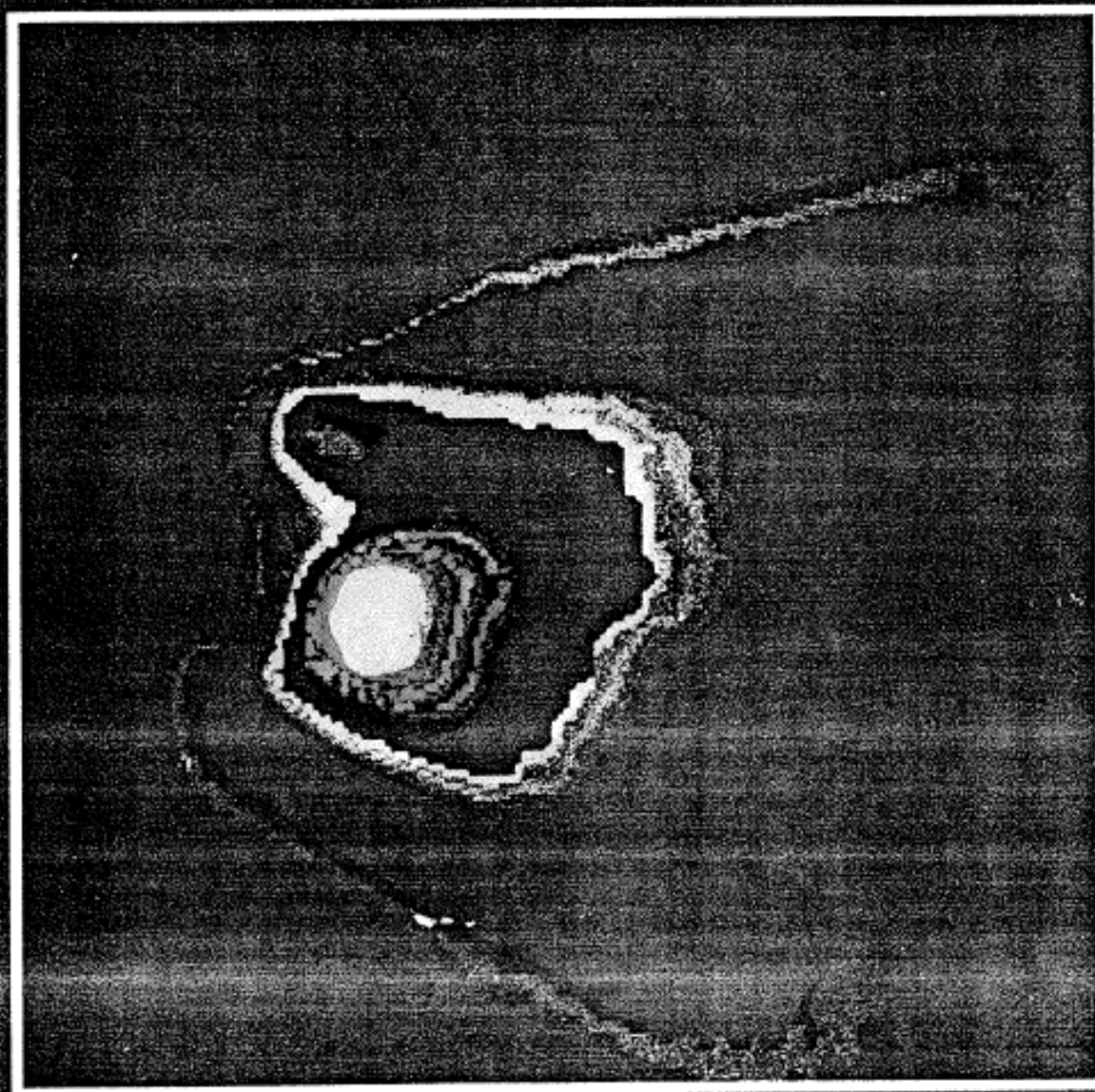


TABLE OF GEOSTATIONARY SPACE STATIONS BY ORBITAL POSITIONS

The following table includes both satellites already in orbit and those planned for future launching into the geostationary satellite orbit.

This table is based on, and limited to, information supplied to the International Frequency Registration Board (IFRB) by ITU Member administrations under the provisions of the Radio Regulations paragraphs RR1042, RR1060 and RR1488 to RR1491. The designations of the satellites are those officially notified and may not always correspond to the name in general use. (Situation on 31 December 1985.)

Orbital position	Space station	Frequency bands GHz																		
		0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20	
175.0 W A	PNG PACSTAR-2				4		6				12		14							
171.0 W N	USA TDRS WEST		C2										14	15						
170.0 W N	URS GALS-4						7	8												
170.0 W C	URS LOUTCH P4								11			14								
170.0 W N	URS STATIONAR-10				4	5	6													
170.0 W A	URS STATIONAR-12				4		6													
170.0 W C	URS VOLNA-7	0	1																	
168.0 W N	URS POTOK-3				4															
160.0 W N	URS ESDRN								11			14								
149.0 W N	USA ATS-1	0			4		6													
145.0 W A	USA FLTSATCOM-A PAC	0					7	8												
145.0 W A	MEX MORELOS-4				4		6				12		14							
143.0 W A	USA US SATCOM III-R				4		6													
143.0 W C	USA US SATCOM V				4		6													
141.0 W A	MEX MORELOS-3				4		6				12		14							
139.0 W C	USA US SATCOM I-R				4		6													
136.0 W A	USA USASAT 16D										12		14							
135.0 W N	USA GOES WEST	0	1	2																
135.0 W N	USA US SATCOM-I				4		6													
135.0 W N	USA USGCS PH2 E PAC						7	8												
135.0 W N	USA USGCS PH3 E PAC				C2		7	8												
134.0 W C	USA USASAT 11D				4		6													
134.0 W A	USA USASAT 16C										12		14							
132.0 W A	USA USASAT 11C										12		14							
131.0 W C	USA US SATCOM III-R				4		6													
130.0 W A	USA USASAT 10D										12		14							
130.0 W A	USA USRDSS WEST	1	2		5	6														
128.0 W A	USA ASC-1				4		6				12		14							
128.0 W N	USA COMSTAR D-1				4		6													
126.0 W A	USA USASAT 10C										12		14							
124.0 W A	USA USASAT 10B										12		14							
123.5 W N	USA WESTAR-2				4		6													
123.0 W C	USA WESTAR-5				4		6													
120.0 W C	USA SPACENET 1				4		6													
120.0 W A	USA USASAT 10A										12		14							
119.0 W N	USA US SATCOM-2				4		6													
117.5 W N	CAN ANIK C-3										12		14							

A Only advance publication under RR 1042
 C Presently being coordinated under RR 1060
 N Notified

Orbital position	Space station	Frequency bands GHz																			
		0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20		
116.5 W N	MEX MORELOS 2				4		6					12		14							
113.5 W N	MEX MORELOS 1				4		6					12		14							
110.0 W C	CAN ANIK C-2											12		14							
109.0 W N	CAN ANIK B-1				4		6					12		14							
108.0 W C	CAN ANIK D-2				4		6														
107.5 W C	CAN ANIK C-1											12		14							
106.5 W A	CAN MSAT	0		2							11	12	13	14							
106.0 W A	USA GSTAR 1											12		14							
105.0 W N	USA ATS-5	0	1																		
104.5 W N	CAN ANIK D-1				4		6														
103.0 W A	USA GSTAR II											12		14							
101.0 W A	USA USASAT 16B											12		14							
101.0 W A	USA USASAT 17A				4																
100.0 W N	USA FLTSATCOM E PAC	0						7	8												
100.0 W A	USA FLTSATCOM A E PAC	0						7	8									20	44		
100.0 W A	USA USRDSS CENTRAL		1	2		5	6														
99.0 W N	USA USASAT 6B											12		14							
99.0 W N	USA WESTAR-1				4		6														
99.0 W C	USA WESTAR-4				4		6														
97.0 W C	USA USASAT 6A											12		14							
95.0 W N	USA COMSTAR D-2				4		6														
95.0 W A	USA TELSTAR 3A				4		6														
95.0 W C	USA USASAT 6C											12		14							
93.5 W C	USA USASAT 12B				4		6														
93.0 W A	USA USASAT 16A											12		14							
91.0 W A	USA ADV. WESTAR 1				4		6					12		14							
91.0 W C	USA USASAT 9A											12		14							
91.0 W N	USA WESTAR-3				4		6														
89.0 W A	EQACR CONDOR-B				4		6														
88.5 W C	USA SPACENET III				4		6					12		14							
88.5 W A	USA USASAT 12D				4		6														
87.0 W N	USA COMSTAR D-3				4		6														
87.0 W A	USA TELSTAR 3B				4		6														
87.0 W A	USA USASAT 9B											12		14							
86.0 W N	USA ATS-3	0																			
86.0 W C	USA USASAT 3C				4		6														
85.0 W A	ARG NAHUEL 2				4		6					12		14							
85.0 W A	USA USASAT 9C											12		14							
83.0 W A	CUB STSC-1				4		6														
83.0 W N	USA USASAT 7B				4		6														
83.0 W A	USA USASAT 9D											12		14							
81.0 W C	USA USASAT 7D				4		6					12		14							
80.0 W A	ARG NAHUEL 1				4		6					12		14							
79.0 W N	USA TDRS CENTRAL			C2									14	15							

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Orbital position	Space station		Frequency bands GHz																	
			0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20
79.0 W A	USA	USASAT 11A										12	14							
79.0 W A	USA	USASAT 12A			4	6														
77.5 W A	EQACR	CONDOR-A			4	6														
77.0 W A	USA	USASAT 11B									12	14								
76.0 W A	USA	USASAT 12C			4	6														
75.4 W N	CLM	SATCOL-1A			4	6														
75.4 W N	CLM	SATCOL-1B			4	6														
75.0 W N	USA	GOES EAST	0	1	2															
75.0 W N	CLM	SATCOL-2			4	6														
74.0 W C	USA	USASAT 7A			4	6														
72.0 W A	EQACR	CONDOR-C			4	6														
72.0 W C	USA	USASAT 8B			4	6														
70.0 W A	USA	FLTSATCOM-B W ATL																20	44	
70.0 W N	B	SBTS A1			4	6														
70.0 W A	USA	USRDSS EAST	1	2	5	6														
69.0 W C	USA	USASAT 7C			4	6					12	14								
67.0 W C	USA	USASAT 8A			4	6														
66.0 W A	USA	USASAT 15D									12	14								
65.0 W N	B	SBTS A2			4	6														
64.0 W A	USA	USASAT 15C									12	14								
63.0 W A	USA	USASAT 14D			4	6														
62.0 W A	USA	USASAT 15B									12	14								
62.0 W A	USA	USASAT 8B			4	6														
61.0 W A	USA	USASAT 14C			4	6														
60.0 W C	USAIT	INTELSAT IBS 300E			4	6				11	12	14								
60.0 W C	USAIT	INTELSAT5A 300E			4	6				11		14								
60.0 W A	USA	USASAT 15A									12	14								
58.0 W C	USA	USASAT 13E								11	12	14								
58.0 W A	USA	USASAT 8C			4	6														
57.0 W A	USA	USASAT 13H			4	6			11											
56.0 W C	USAIT	INTELSAT IBS 304E			4	6			11	12	14									
56.0 W C	USAIT	INTELSAT5A 304E			4	6			11		14									
56.0 W C	USA	USASAT 13D							11	12	14									
55.0 W A	USA	USASAT 14B			4	6														
53.0 W C	USAIT	INTELSAT IBS 307E			4	6			11	12	14									
53.0 W N	USAIT	INTELSAT4A ATL3			4	6														
53.0 W C	USAIT	INTELSAT5 CONT1			4	6			11		14									
53.0 W C	USAIT	INTELSAT5A CONT1			4	6			11		14									
52.5 W A	USA	USGCS PH3 W ATL		2			7	8												
50.0 W C	USAIT	INTELSAT IBS 310E			4	6			11	12	14									
50.0 W C	USAIT	INTELSAT4A ATL2			4	6														
50.0 W C	USAIT	INTELSAT5 CONT2			4	6			11		14									
50.0 W C	USAIT	INTELSAT5A CONT2			4	6			11		14									
50.0 W C	USA	USASAT 13C							11		14									

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Orbital position	Space station		Frequency bands GHz																	
			0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20
47.0 W C	USA	USASAT-13B														11		14		
45.0 W C	USA	USASAT 13F														11	12	14		
45.0 W A	USA	USASAT 13I				4	6								11					
43.5 W C	F	VIDEOSAT-3			2										12	14				
43.0 W C	USA	USASAT 13G													11	12	14			
42.5 W A	USA	USGCS P3 MID-ATL			2			7	8											
41.0 W N	USA	TDRS EAST			C2											14	15			
41.0 W A	USA	USASAT 14A			4	6														
40.5 W C	USAIT	INTELSAT IBS 319.5E			4	6					11	12	14							
40.5 W C	USAIT	INTELSAT5A 319.5E			4	6					11		14							
37.5 W C	USA	USASAT 13A									11		14							
37.5 W C	F	VIDEOSAT-2			2							12	14							
34.5 W N	USAIT	INTELSAT5 ATL4			4	6					11		14							
34.5 W C	USAIT	INTELSAT5A ATL3			4	6					11		14							
31.0 W A	IRL	EIRESAT-1									11		13							
31.0 W N	USAIT	INTELSAT4A ATL4			4	6														
31.0 W C	USAIT	INTELSAT5 ATL6			4	6					11		14							
31.0 W C	USAIT	INTELSAT5A ATL6			4	6					11		14							
31.0 W C	G	UNISAT 1										12	14			17				
31.0 W C	G	UNISAT 1 ATL										12	14							
27.5 W N	USAIT	INTELSAT5 ATL3			4	6					11		14							
27.5 W C	USAIT	INTELSAT5A ATL2			4	6					11		14							
27.5 W C	USAIT	INTELSAT6 332.5E			4	5	6				11		14							
26.5 W N	URS	GALS-1									7	8								
26.5 W A	URS	STATSIONAR-17			4	5	6													
26.5 W A	URS	STATSIONAR-D1			4	6														
26.0 W A	G INM	INMARSAT AOR CENTRAL		1	4	6														
26.0 W N	F MRC	MARECS ATL1		0	1	4	6													
25.0 W C	URS	LOUTCH P1										11		14						
25.0 W N	URS	STATSIONAR-8			4	5														
25.0 W C	URS	VOLNA-1		0	1															
24.5 W N	USAIT	INTELSAT5 ATL1			4	6					11		14							
24.5 W C	USAIT	INTELSAT5A ATL1			4	6					11		14							
24.5 W C	USAIT	INTELSAT6 335.5E			4	5	6				11		14							
24.0 W N	URS	PROGNOZ-1			2															
23.0 W N	USA	FLTSATCOM A11									7	8								
23.0 W A	USA	FLTSATCOM-A A11									7	8								
23.0 W A	USA	FLTSATCOM-B E A11																	20	44
23.0 W C	F MRS	MARECS ATL2		0	1	4	6													
21.5 W C	USAIT	INTELSAT MCS ATL 4			1	4	6													
21.5 W N	USAIT	INTELSAT4A ATL1				4	6													
21.5 W C	USAIT	INTELSAT5 ATL5				4	6				11		14							
21.5 W C	USAIT	INTELSAT5A 338.5E				4	6				11		14							
20.0 W C	LUX	GDL-4				6					11	12	14							

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Orbital position	Space station		Frequency bands GHz																	
			0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20
41.0 E	A	PAK	PAKSA1 II									12		14						
41.0 E	A	IRN	ZOHREH 4								11			14						
45.0 E	N	URS	GALS 2					7	8											
45.0 E	C	URS	LOUTCH P2								11			14						
45.0 E	A	URS	STATIONAR D-4			4		6												
45.0 E	N	URS	STATIONAR-9			4	5	6												
45.0 E	C	URS	VOI NA-3	0	1															
45.0 E	A	URS	VOI NA-3M	1																
47.0 E	C	IRN	ZOHREH 3								11			14						
53.0 E	N	URS	LOUTCH 2								11			14						
53.0 E	A	URS	MORE-53	1		4		6												
53.0 E	A	G	SKYNET 40	0							7	8							44	
53.0 E	N	URSIK	STATIONAR 5			4		6												
53.0 E	N	URS	VOI NA-4	1																
57.0 E	N	USAFI	INTELSAT 5 INDOC 3			4		6			11			14						
57.0 E	C	USAFI	INTELSAT 5A INDOC 2			4		6			11			14						
57.0 E	C	USAFI	INTELSAT 6 57U			4	5	6			11			14						
60.0 E	N	USAFI	INTELSAT MCS INDOC B	1		4		6												
60.0 E	N	USAFI	INTELSAT 5 INDOC 2			4		6			11			14						
60.0 E	C	USAFI	INTELSAT 5A INDOC 1			4		6			11			14						
60.0 E	C	USAFI	INTELSAT 6 60U			4	5	6			11			14						
60.0 E	N	USA	USG CSS PHU INDOC								7	8								
60.0 E	N	USA	USG CSS PHU INDOC								7	8								
63.0 E	N	USAFI	INTELSAT MCS INDOC A	1		4		6												
63.0 E	N	USAFI	INTELSAT 5 INDOC 1			4		6			11			14						
63.0 E	C	USAFI	INTELSAT 5A INDOC 3			4		6			11			14						
64.5 E	A	G. INM	INMARSAT IOR	1		4		6												
64.5 E	C	F. MRS	MARCS INDI	0	1	4		6												
65.0 E	C	I	SIRIO	0							11	12								
66.0 E	C	USAFI	INTELSAT MCS INDOC	1	1	4		6												
66.0 E	C	USAFI	INTELSAT 5 INDO 4			4		6			11			14						
66.0 E	C	USAFI	INTELSAT 5A 66U			4		6			11			14						
70.0 E	A	CHN	SIW-2			4		6												
72.5 E	N	USA	MARCS INDOC	0	1	4		6												
73.0 E	C	F. MRS	MARCS INDO 2	0	1	4		6												
74.0 E	N	IND	INSAT 1B	0	1	4	5	6												
75.0 E	N	USA	FTSARC OML INDOC	0							7	8								
75.0 E	A	USA	FTSARC OML A INDO	0							7	8								
75.0 E	A	USA	FTSARC OML B INDO																20 44	
76.0 E	A	URS	GOMIS	0							7	8							20 28	
76.0 E	C	URS	GOMIS	0	1	2														
77.0 E	A	URS	CSSRD 2								11	12		14						
77.0 E	N	INS	PALAPA 2			4		6												
80.0 E	N	URS	POLOK 2			4														

Orbital position	Space station		Frequency bands GHz																	
			0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20
80.0 E	N	URS	PROGNOZ-4																	
80.0 E	N	URS	STATIONAR-1																	
80.0 E	C	URS	STATIONAR-13																	
81.5 E	A	URS	FOTON-2																	
82.5 E	A	IND	INSAT 1D	0				4	5	6										
83.0 E	N	INS	PALAPA-A1					4		6										
85.0 E	N	URS	GALS-3																	
85.0 E	C	URS	LOUTCH P3																	
85.0 E	A	URS	STATIONAR D-5																	
85.0 E	N	URS	STATIONAR-3																	
85.0 E	C	URS	VOI NA-5	0	1															
85.0 E	A	URS	VOI NA-5M	1																
90.0 E	N	URS	LOUTCH 3																	
90.0 E	A	URS	MORE-90	1		4		6												
90.0 E	N	URS	STATIONAR-6			4		6												
90.0 E	C	URS	VOI NA-8	1																
93.5 E	N	IND	INSAT 1C	0				4	5	6										
95.0 E	N	URS	CSDRN																	
95.0 E	C	URS	STATIONAR-14					4		6										
99.0 E	N	URS	STATIONAR 1	0																
99.0 E	N	URS	STATIONAR 12	0																
103.0 E	A	URS	LOUTCH 5																	
103.0 E	A	URS	STATIONAR-21																	
103.0 E	A	CHN	SIW-2																	
108.0 E	N	INS	PALAPA-B1																	
110.0 E	N	I	BS 2			2														
110.0 E	N	J	BSF			2														
113.0 E	N	INS	PALAPA-B2																	
118.0 E	C	INS	PALAPA-B3																	
125.0 E	N	CHN	SIW-1																	
128.0 E	A	URS	GALS-10																	
128.0 E	A	URS	STATIONAR D-6																	
128.0 E	N	URS	STATIONAR 15																	
128.0 E	A	URS	VOI NA-9	0	1															
128.0 E	A	URS	VOI NA-9M	1																
130.0 E	N	I	LIS 2	0	1	2													34	
130.0 E	N	URS	GALS 5																	
132.0 E	N	I	CS-2A																	
132.0 E	A	I	CS-3A																	
135.0 E	N	I	SC1																	
136.0 E	N	I	CS-2B																	
136.0 E	A	I	CS-3B																	
140.0 E	N	I	GMS	0	1	2														
140.0 E	N	I	GMS 2	0	1	2														

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Orbital position	Space station		Frequency bands GHz																	
			0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20
140.0 E N	J	GMS-3	0	1	2															
140.0 E N	URS	LOUTCH-4								11			14							
140.0 E A	URS	MORE-140		1		4		6												
140.0 E N	URS	STATSIONAR-7				4		6												
140.0 E N	URS	VOLNA-6		1																
145.0 E A	URS	STATSIONAR-16				4		6												
150.0 E C	J	CSE				4		6												
150.0 E A	J	ETS-V		1	2		5	6												
150.0 E A	J	JCSAT-1									12		14							
154.0 E A	J	JCSAT-2									12		14							
156.0 E N	AUS	AUSSAT-1									12	13	14							
160.0 E N	AUS	AUSSAT-2									12	13	14							
160.0 E N	J	GMS	0	1	2															
164.0 E A	AUS	AUSSAT PACIFIC III									12		14							
164.0 E N	AUS	AUSSAT-3									12	13	14							
166.0 E A	URS	GOMS-2	0	1	2			7	8										20	28
167.0 E A	PNG	PACSTAR-1				4		6			12		14							
167.0 E A	URS	VSSRD-2								11	12		14							
172.0 E N	USA	FLTSATCOM W PAC	0					7	8											
172.0 E A	USA	FLTSATCOM-A W PAC	0					7	8										20	44
173.0 E C	USAIT	INTELSAT4A PAC1				4		6												
173.0 E C	USAIT	INTELSAT5 PAC1				4		6					14							
173.0 E C	USAIT	INTELSAT5A PAC1				4		6		11			14							
174.0 E N	USAIT	INTELSAT4A PAC1				4		6												
174.0 E C	USAIT	INTELSAT5 PAC1				4		6		11			14							
174.0 E C	USAIT	INTELSAT5A PAC1				4		6		11			14							
175.0 E N	USA	USGCSS PH2 W PAC						7	8											
175.0 E N	USA	USGCSS PH3 W PAC			C2			7	8											
176.0 E C	USAIT	INTELSAT4A PAC2				4		6												
176.0 E C	USAIT	INTELSAT5 PAC2				4		6		11			14							
176.0 E C	USAIT	INTELSAT5A PAC2				4		6		11			14							
176.5 E N	USA	MARISAT-PAC	0	1		4		6												
177.0 E C	USAIT	INTELSAT4A PAC2				4		6												
177.0 E C	USAIT	INTELSAT5 PAC2				4		6		11			14							
177.0 E C	USAIT	INTELSAT5A PAC2				4		6		11			14							
177.5 E N	F MRC	MARECS PAC1	0	1		4		6												
179.0 E C	USAIT	INTELSAT MCS PAC A		1		4		6												
179.0 E N	USAIT	INTELSAT4A PAC2				4		6												
179.0 E C	USAIT	INTELSAT5 PAC3				4		6		11			14							
180.0 E C	USAIT	INTELSAT MCS PAC A		1		4		6												
180.0 E C	USAIT	INTELSAT5 PAC3				4		6		11			14							
180.0 E C	USAIT	INTELSAT5A PAC3				4		6		11			14							

A Only advance publication under RR 1042
C Presently being coordinated under RR 1060
N Notified

A

ANIK-C1	1985	28B
ARABSAT-1	1985	15A
ARABSAT-1B	1985	48C
ASC-1	1985	76C
AUSSAT-1	1985	76B
AUSSAT-2	1985	109C

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COSMOS-1616	1985	2A
COSMOS-1617	1985	3A
COSMOS-1618	1985	3B
COSMOS-1619	1985	3C
COSMOS-1620	1985	3D
COSMOS-1621	1985	3E
COSMOS-1622	1985	3F
COSMOS-1623	1985	5A
COSMOS-1624	1985	6A
COSMOS-1625	1985	8A
COSMOS-1626	1985	9A
COSMOS-1627	1985	11A
COSMOS-1628	1985	12A
COSMOS-1629	1985	16A
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COSMOS-1631	1985	18A
COSMOS-1632	1985	19A
COSMOS-1633	1985	20A
COSMOS-1634	1985	22A
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COSMOS-1637	1985	23C
COSMOS-1637	1985	23C
COSMOS-1638	1985	23D
COSMOS-1639	1985	23E
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COSMOS-1662	1985	50A
COSMOS-1663	1985	52A
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COSMOS-1685	1985	85A
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COSMOS-1687	1985	88A
COSMOS-1688	1985	89A
COSMOS-1689	1985	90A
COSMOS-1690	1985	94A
COSMOS-1691	1985	94B
COSMOS-1692	1985	94C
COSMOS-1693	1985	94D
COSMOS-1694	1985	94E
COSMOS-1695	1985	94F
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COSMOS-1699	1985	101A
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INTELSAT-5A F12	1985	87A

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MOLNYA-1 (64)	1985	74A
MOLNYA-1 (65)	1985	99A
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MOLNYA-3 (23)	1985	4A
MOLNYA-3 (24)	1985	40A
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USA-11	1985	92B
USA-12	1985	92C
USA-13	1985	114A
USA-14	1985	114B

Code name Spacecraft description	International number	Country Organization Site of launching	Date	Initial orbital data		Frequencies Transmitter power	Observations
				Perigee (km) Apogee (km)	Period (min) Inclination (degree)		
MS-T5 (Sakigake) 670 kg	1985-1-A	Japan ISAS (KSC)	8 Jan.	heliocentric orbit			Japan's first interplanetary spacecraft. Objective: to test new <i>Nissan MU-3S-2</i> launch vehicle and to gather solar wind data in the vicinity of Halley's comet
Cosmos-1616	1985-2-A	USSR	9 Jan.	180 387	89.8 64.9		Recovered on 4 March 1985
Cosmos-1617 to Cosmos-1622 40 kg each	1985-3-A to 1985-3-F	USSR	15 Jan.	1400 1438	114 82.6		Government telecommunication
Molnya-3 (23) 3-axis stabilized; 1500 kg	1985-4-A	USSR (PLE)	16 Jan.	646 40 653	736 62.9	5.9-6.2 GHz (reception) 3.6-3.9 GHz (emission)	Television and multichannels radiocommunications
Cosmos-1623	1985-5-A	USSR	16 Jan.	216 405	90.4 70		Recovered on 30 January 1985
Cosmos-1624	1985-6-A	USSR	17 Jan.	787 825	100.8 74		Earth observation
Gorizont-11 3-axis stabilized	1985-7-A	USSR (BAI)	18 Jan.	35 096 in geostationary-satellite orbit	1401 1.05	3.4-3.9 GHz (emission) 5.7-6.2 GHz (reception)	Television and multichannels radiocommunications
Cosmos-1625	1985-8-A	USSR	23 Jan.	114 411	89.7 65		Decayed on 25 January 1985
Cosmos-1626	1985-9-A	USSR	24 Jan.	643 677	97.7 82.5		
STS-51C space shuttle <i>Discovery</i>	1985-10-A	United States NASA (ETR)	24 Jan.	335	28.5		Crew: T. Mattingley, G. Paston, J. J. Schriver, T. S. Omizuka and J. E. Buchli. Landed at Cape Canaveral on 27 January 1985

Code name Spacecraft description	International number	Country Organization Site of launching	Date	Initial orbital data		Frequencies Transmitter power	Observations
				Perigee (km) Apogee (km)	Period (min) Inclination (degree)		
No name	1985-10-B	United States launched from STS-51C	24 Jan.	in geostationary-satellite orbit			Electronic intelligence (ELINT)
Cosmos-1627	1985-11-A	USSR	1 Feb.	977 1031	104.9 82.9		Navigation
Cosmos-1628	1985-12-A	USSR	6 Feb.	206 407	90.3 72.8		Recovered on 20 February 1985
Meteor-2 (12)	1985-13-A	USSR (PLE)	6 Feb.	936 958	104 82.5		Meteorology
USA-9	1985-14-A	United States USAF (WTR)	8 Feb.				High-resolution photographic reconnaissance
Arabsat-1 3-axis stabilized; 2.26 × 1.64 × 1.49 m; 1000 kg (in orbit); 2 solar arrays (1.3 kW)	1985-15-A	International ARABSAT (CSG)	8 Feb.	33 911 35 849	1390.1 0.2	6/4 GHz band 2.5-2.69 MHz (community television) 3703.1; 4199.9 MHz (telemetry)	Regional telecommunication for the Arab States
SBTS-1	1985-15-B	Brazil (CSG)	8 Feb.	35 779 35 840	1437.3 0.1	6/4 GHz band	Brazilian national telecommunication
Cosmos-1629	1985-16-A	USSR	21 Feb.	36 157	1453 1.16		
				in geostationary-satellite orbit			

Cosmos-1630	1985-17-A	USSR	27 Feb.	182 357	89.6 64.9		Recovered on 23 April 1985
Cosmos-1631	1985-18-A	USSR	27 Feb.	474 517	94.5 65.9		
Cosmos-1632	1985-19-A	USSR	1 March	203 261	88.8 72.9		Recovered on 15 March 1985
Cosmos-1633	1985-20-A	USSR	5 March	641 671	97.7 82.5		
Geosat 636 kg	1985-21-A	United States USN (WTR)	13 March	757 814	100.6 108.1		Objective: to make accurate measurements of Earth's surface and wave heights
Cosmos-1634	1985-22-A	USSR	14 March	976 1024	104.7 82.9		Navigation
Cosmos-1635 to Cosmos-1642 40 kg each	1985-23-A to 1985-23-H	USSR (PLE)	21 March	1482 1526	116 74		Government telecommunication
Ekran-14 3-axis stabilized; 5 tonnes; solar cells	1985-24-A	USSR (BAI)	22 March	35 600 in geostationary-satellite orbit	1426 0.4	5.7-6.2 GHz (reception) 3.4-3.9 GHz (emission)	Television relay
Intelsat-5 F10 3-axis stabilized; height: 6.6 m; 1950 kg at launch; 2 solar arrays (1.2 kW)	1985-25-A	International INTELSAT (CSG)	22 March	35 767 35 812 in geostationary-satellite orbit	1436.2 0.0	6.4 GHz band (communications)	INTELSAT commercial communication satellite: 12 000 telephone channels and two television channels
Cosmos-1643	1985-26-A	USSR	25 March	190 300	89.1 64.8		Decayed on 18 October 1985
Cosmos-1644	1985-27-A	USSR	3 April	217 398	90.4 70.4		Recovered on 17 April 1985

Code name Spacecraft description	International number	Country Organization Site of launching	Date	Initial orbital data		Frequencies Transmitter power	Observations
				Perigee (km) Apogee (km)	Period (min) Inclination (degree)		
STS-51D space shuttle <i>Discovery</i>	1985-28-A	United States NASA (ETR)	12 April	319 464	92.4 28.5		Re-usable spacecraft. Crew: K. Bobko, J. Garn, M. Seddon, J. Hoffmann, D. Williams, S. Griggs and C. Walker. Landed at Edwards Air Force Base on 19 April 1985
Anik-C1 (Telesat)	1985-28-B	Canada Telesat launched from <i>STS-51D</i>	13 April	35 653 35 770	1432.3 2.9	14/11 GHz band	National telecommunication
Syncom-4 (3)	1985-28-C	United States launched from <i>STS-51D</i>	12 April	319 464	92.4 28.5		Failed to attain its planned orbit owing to a launch mishap
Cosmos-1645	1985-29-A	USSR	16 April	223 411	90.5 62.8		Recovered on 29 April 1985
Cosmos-1646	1985-30-A	USSR	18 April	432 455	93.3 65		<i>Decayed on 12 May 1988</i>
Cosmos-1647	1985-31-A	USSR	19 April	180 348	89.4 67.1		Recovered on 11 June 1985
Cosmos-1648	1985-32-A	USSR	25 April	196 265	88.8 82.3		Recovered on 6 May 1985
Prognoz-10 pressurized central body: 4 solar panels	1985-33-A	USSR (BAI)	26 April	400 200 000	5785 65		Study of the interaction of the solar wind with the magnetosphere

STS-51B space shuttle <i>Challenger</i>	1985-34-A	United States NASA (ETR)	29 April	345 358	91.6 57.0		Re-usable spacecraft. Crew: R. F. Overmeyer (Commander), N. E. Thagard, W. E. Thornton, F. D. Gregory, D. L. Lind, L. Vandenberg and T. G. Wang. Carried <i>Spacelab-3</i> - materials science experiments. Landed at Edwards Air Force Base on 6 May 1985
NUSAT-1 52 kg	1985-34-B	United States launched from <i>STS-51B</i>	29 April	345 354	91.5 57.0		Northern Utah SATEllite <i>decayed on 15 Dec 86</i>
GSTAR-1A	1985-35-A	United States GTE Spacenet (CSG)	8 May	35 786 35 789	1436.2 0.1		National telecommunication
Telecom-1 B 1142 kg at launch; 2 solar panels	1985-35-B	France Direction générale des télécommuni- cations (CSG)	8 May	35 782 35 793	1436.2 0.1	14.12 GHz 16 transponders) 6.4 GHz (4 transponders) 8.7 GHz (government communication)	National telecommunication
Cosmos-1649	1985-36-A	USSR	15 May	208 396	90.2 72.9		Recovered on 29 May 1985
Cosmos-1650 to Cosmos-1652	1985-37-A to 1985-37-C	USSR	17 May	19 121 19 137	676 64.8	1240-1260; 1597-1610; 1610-1617 MHz (in accordance with RR 732)	GLOBAL NAVIGATION SATEllite SYSTEM (GLONASS). Series of satellites for merchant marine and civil avi- ation navigation
Cosmos-1653	1985-38-A	USSR	22 May	222 322	89.6 82.3		Remote sensing. Recovered on 5 June 1985
Cosmos-1654	1985-39-A	USSR	23 May	180 365	89.7 64		Decayed on 7 August 1985

Code name Spacecraft description	International number	Country Organization Site of launching	Date	Initial orbital data		Frequencies Transmitter power	Observations
				Perigee (km) Apogee (km)	Period (min) Inclination (degree)		
Molnya-3 (24) 3-axis stabilized; 1500 kg	1985-40-A	USSR	29 May	465 40 850	736 62.8	5.9-6.2 GHz (reception) 3.6-3.9 GHz (emission)	Television and multichannel radiocommunications
Cosmos-1655	1985-41-A	USSR	30 May	992 1019	104.9 82.9		Navigation
Cosmos-1656	1985-42-A	USSR	30 May	811 864	101.6 71.1		Extensive manoeuvring was carried out before the satellite reached its final orbit. Similar to <i>Cosmos-1603</i>
Soyuz-T13 6.85 tonnes; 2 solar panels	1985-43-A	USSR (BAI)	6 June	304 338	90.8 51.6		Two-man spacecraft: V. A. Dzhambekov (Commander) and V. P. Savinikh (Flight Engineer). Docked with <i>Salyut-7</i> on 8 June. Returned to Earth on 26 September 1985
Cosmos-1657	1985-44-A	USSR	7 June	195 313	89.2 82.3		Earth resources. Recovered on 21 June 1985
Cosmos-1658	1985-45-A	USSR	11 June	613 39 342	709 62.8		
Cosmos-1659	1985-46-A	USSR	13 June	210 379	90.1 72.9		Recovered on 27 June 1985
Cosmos-1660	1985-47-A	USSR	14 June	1499 1538	116 73.6		Government telecommunication

STS-51G space shuttle <i>Discovery</i>	1985-48-A	United States NASA (ETR)	17 June	359 395	92.1 28.5		Re-usable spacecraft. Crew: D. C. Brandenstein (Commander), J. O. Creighton, S. W. Lucid, J. M. Fabian, S. R. Nagel, P. Baudry (France) and S. Abdelaziz Al-Saud (Saudi Arabia). Landed at Edwards Air Force Base on 24 June 1985
Morelos-1 Hughes-type HS 376; spin stabilized	1985-48-B	Mexico launched from <i>STS-51G</i>	17 June	35 780 35 793	1436.1 0.1	6.4 GHz band 14.11-12 GHz band	National telecommunication
Arabs-1-1B 3-axis stabilized; 2.26 × 1.64 × 1.49 m; 1000 kg in orbit; 2 solar arrays (1.3 kW)	1985-48-C	International ARABSAT launched from <i>STS-51G</i>	18 June	35 269 35 839	1424.3 0.1	6.4 GHz band 25-269 MHz (community television) 3703.1, 4199.9 MHz (telemetry)	Regional telecommunication for the Arab States
Telstar-3D Hughes-type HS 376; spin stabilized	1985-48-D	United States AT&T launched from <i>STS-51G</i>	19 June	35 123 36 445	1436.0 0.3	6.4 GHz band	National communication providing television, sound radio, voice and high-speed data transmission services Thirty C-band repeaters
Spartan-1 1007 kg	1985-48-E	United States Naval Research Laboratory launched from <i>STS-51G</i>	20 June				Recovered on 24 June 1985
Cosmos-1661	1985-49-A	USSR	18 June	613 40 164	726 62.8		
Cosmos-1662	1985-50-A	USSR	19 June	478 521	94.5 65.9		Space technology development
Progress-24 modified <i>Soyuz</i> spacecraft without the descent section; 7 tonnes at launch	1985-51-A	USSR (BAI)	21 June	193 270	88.8 51.6		Expendable supply craft. Docked with <i>Salvat-7 Soyuz-T13</i> complex on 23 June. Disintegrated on re-entry on 15 July 1985

Code name Spacecraft description	International number	Country Organization Site of launching	Date	Initial orbital data		Frequencies Transmitter power	Observations
				Perigee (km) Apogee (km)	Period (min) Inclination (degree)		
Cosmos-1663	1985-52-A	USSR (PLE)	21 June	227 298	89.4 82.3		Earth resources. Recovered on 5 July 1985
No name	1985-53-A	unknown USSR Plesetsk	21 June	197 340	88.2 64.6		Decayed on 28 June 1985
Cosmos-1664	1985-54-A	USSR	26 June	207 405	90.3 72.9		Recovered on 5 July 1985
Intelsat-5A F11 3-axis stabilized; height: 6.6 m; 2 solar arrays	1985-55-A	International INTELSAT (CSG)	30 June	34 401 35 774	1400.6 0.1	6/4 and 14/11 GHz bands (communications)	INTELSAT commercial telecommunication
Giotto cylinder; diameter: 1.84 m; height: 1.60 m; 960 kg at launch; 512 kg at encounter	1985-56-A	Europe ESA (CSG)	2 July	heliocentric orbit			Objectives: to study Halley's comet and notably to photograph the nucleus of the comet; to determine the chemical and isotopic composition of ions and dust particles and the physical and chemical processes going on in the atmosphere of the comet
Cosmos-1665	1985-57-A	USSR	3 July	208 316	89.4 72.9		Recovered on 17 July 1985
Cosmos-1666	1985-58-A	USSR	9 July	646 679	97.8 82.5		Oceanography
Cosmos-1667	1985-59-A	USSR (PLE)	10 July	222 297	89 82.3		Biological experiment. Carried two monkeys, one of which had implanted sensors supplied by the United States National Aeronautics and Space Administration (NASA). Recovered on 17 July 1985
Cosmos-1668	1985-60-A	USSR	15 July	216 297	89.3 70.4		Recovered on 19 July 1985
Molnya-3 (25) 3-axis stabilized; 1500 kg	1985-61-A	USSR (PLE)	17 July	462 40 850	736 62.8	5.9-6.2 GHz (reception) 3.6-3.9 GHz (emission)	Television and multichannel radiocommunications

Cosmos-1669 modified <i>Progress</i> spacecraft	1985-62-A	USSR	19 July				Docked with the <i>Saljut-7/Soyuz-T13</i> complex on 21 July. Decayed on 30 August 1985
STS-51F space shuttle <i>Challenger</i>	1985-63-A	United States NASA (ETR)	29 July	312 321	90.9 49.5		Re-usable spacecraft. Crew: C. Fullerton, R. Bridges, S. Musgrave, A. England, K. Henize, L. Acton and J. D. Bartoe. Landed at Edwards Air Force Base on 6 August 1985
Plasma Diagnostic Package	1985-63-B	United States launched from <i>STS-51F</i>	29 July				A free-flying package for plasma physics investigation deployed and retrieved using the remote manipulator system of <i>Challenger</i> <i>decayed on 6 Aug 85</i>
Cosmos-1670 nuclear reactor power supply	1985-64-A	USSR (BAI)	1 Aug.	253 278	89.6 65		
Cosmos-1671	1985-65-A	USSR	2 Aug.	210 310	89.3 72.8		Recovered on 16 August 1985
Oscar-24	1985-66-A	United States	3 Aug.	1002 1259	107.9 89.8		
Oscar-30	1985-66-B	United States	3 Aug.	1001 1259	107.9 89.8		
Cosmos-1672	1985-67-A	USSR	7 Aug.	199 290	89.0 82.3		Earth resources imaging. Recovered on 21 August 1985
Cosmos-1673	1985-68-A	USSR	8 Aug.	204 294	89.2 64.8		Recovered on 19 September 1985
Cosmos-1674	1985-69-A	USSR	8 Aug.	648 677	97.8 82.5		Recovered on 19 September 1985
Raduga-16 3-axis stabilized; 5 tonnes; solar panels	1985-70-A	USSR	9 Aug.	36 560	1476 1.3	5.7-6.2 GHz (reception) 3.4-3.9 GHz (emission)	Television and multichannel radiocommunications
				in geostationary-satellite orbit			

Code name Spacecraft description	International number	Country Organization Site of launching	Date	Initial orbital data		Frequencies Transmitter power	Observations
				Perigee (km) Apogee (km)	Period (min) Inclination (degree)		
Cosmos-1675	1985-71-A	USSR	12 Aug.	613 39 342	1149 62.8		
Cosmos-1676	1985-72-A	USSR	16 Aug.	178 371	89.7 67.2		Recovered on 14 October 1985
Planet-A (Suisei) cylinder: diameter: 1.4 m; height: 0.7 m: 139.7 kg	1985-73-A	Japan ISAS (KSC)	18 Aug.	100.480 × 10 ⁶ 151.467 × 10 ⁶ heliocentric orbit	282.2 days 0.888	2293.89 MHz 0.0775 W	Ultra-violet imaging camera to observe the hydrogen corona around the coma of Halley's comet, and an energy analyser of ions and electrons to measure solar wind and cometary charged particles
Molnya-1 (64) hermetically sealed cylinder with conical ends: 1000 kg; 6 solar panels	1985-74-A	USSR	22 Aug.	656 40 638	736 62.8	800 MHz band 40 W (emission) 1000 MHz band (reception) 3400-4100 MHz (retransmission of television)	Television and multichannel radiocommunications
Cosmos-1677	1985-75-A	USSR	24 Aug.	255 280	89.6 65		
STS-511 space shuttle <i>Discovery</i>	1985-76-A	United States NASA (ETR)	24 Aug.	355 385	92.0 28.5		Re-usable spacecraft. Crew: J. H. Engle, R. O. Covey, J. D. van Hoften, W. F. Fisher and J. M. Lounge. Landed on 3 September 1985
Aussat-1 Hughes-type HS 376	1985-76-B	Australia AUSSAT launched from <i>STS-511</i>	27 Aug.	35 779 35 795 in geostationary-satellite orbit at 156° E	1436.2 0.0	12-14 GHz band	Australian national satellite

ASC-1	1985-76-C	United States AT&T launched from <i>STS-511</i>	27 Aug.	35 782 35 791	1436.1 0.1	6.4 and 14/12 GHz bands	User encrypted command links
Syncom-4 (4) (Leasat-4)	1985-76-D	United States USN launched from <i>STS-511</i>	29 Aug.	35 787 35 791	1436.2 3.2		Government telecommunication. Leasat network not fully operational owing to greatly reduced signal from the antenna
Cosmos-1678	1985-77-A	USSR	29 Aug.	196 311	89.2 82.3		Earth sensing of the <i>Pirada</i> network. Decayed on 12 September 1985
Cosmos-1679	1985-78-A	USSR	29 Aug.	182 364	89.7 64.9		Recovered on 18 October 1985
Cosmos-1680	1985-79-A	USSR	4 Sept.	787 822	100.8 74.1		Government telecommunication
Cosmos-1681	1985-80-A	USSR	6 Sept.	216 261	89 82.4		Earth sensing of the <i>Pirada</i> network. Recovered on 19 September 1985
Soyuz-T14 6850 kg; length: 7.94 m; 2 solar panels	1985-81-A	USSR (BAI)	17 Sept.				Crew: V. V. Vasyutin, G. M. Grechko and A. A. Volkov. Docked with <i>Saljut-7/Soyuz-T13</i> complex on 18 September. Grechko and Dzhanibekov (from Soyuz-T13 crew) returned to Earth in Soyuz-T13 on 26 September. <i>Soyuz-T14</i> returned to Earth on 21 November 1985
Cosmos-1682	1985-82-A	USSR	19 Sept.	435 454	93.3 65		Decayed on 17 May 1988
Cosmos-1683	1985-83-A	USSR	19 Sept.	208 399	90.2 72.9		Recovered on 4 October 1985
Cosmos-1684	1985-84-A	USSR	24 Sept.	613 39 342	709 62.8		

Code name Spacecraft description	International number	Country Organization Site of launching	Date	Initial orbital data		Frequencies Transmitter power	Observations
				Perigee (km) Apogee (km)	Period (min) Inclination (degree)		
Cosmos-1685	1985-85-A	USSR	27 Sept.	209 379	90.0 72.9		Recovered on 10 October 1985
Cosmos-1686	1985-86-A	USSR	27 Sept.	178 320	89.2 51.6		Similar to <i>Cosmos-1267</i> and <i>Cosmos-1443</i> . Docked with <i>Salyut-7</i> on 2 October 1985
Intelsat-5A F12 3-axis stabilized; height: 6.6 m; 2 solar arrays	1985-87-A	International INTELSAT (ETR)	28 Sept.	35 756 35 817 in geostationary-satellite orbit at 57° E	1436.1 0.0	6/4 and 14/11 GHz bands (communications)	INTELSAT commercial telecommunication: 15 000 telephone channels and two television channels
Cosmos-1687	1985-88-A	USSR	30 Sept.	613 39 342	709 62.8		
Cosmos-1688	1985-89-A	USSR (AKY)	2 Oct.	347 555	93.4 50.7		<i>Decayed on 2 July 1988</i>
Cosmos-1689	1985-90-A	USSR	3 Oct.	574 663	97 98		Earth sensing
Molnya-3 (26) 3-axis stabilized; 1500 kg	1985-91-A	USSR (PLE)	3 Oct.	644 40 605	735 62.9	5.9-6.2 GHz (reception) 3.6-3.9 GHz (emission)	Television and multichannel radiocommunications
STS-51J space shuttle <i>Atlantis</i>	1985-92-A	United States NASA (ETR)	3 Oct.				Re-usable spacecraft. Crew: K. J. Bobko, R. J. Grabe, D. C. Hilmers, R. L. Stewart and W. A. Pailles. Landed at Edwards Air Force Base on 7 October 1985
USA-11 DSCS-III type	1985-92-B	United States launched from <i>STS-51J</i>	3 Oct.				Defense Satellite Communication System

USA-12 DSCS-III type	1985-92-C	United States launched from <i>STS-51J</i>	3 Oct.				Defense Satellite Communication System
Navstar-10	1985-93-A	United States USAF (WTR)	9 Oct.	19 829 20 532	717.9 63.4		Global positioning system navigation satellite
Cosmos-1690 to Cosmos-1695	1985-94-A to 1985-94-F	USSR	9 Oct.	1400 1439	114 82.6		Government telecommunication
Cosmos-1696	1985-95-A	USSR	16 Oct.	216 298	89.3 70.4		Recovered on 30 October 1985
China-17	1985-96-A	China (Jiuquan)	21 Oct.				Decayed on 7 November 1985
Cosmos-1697	1985-97-A	USSR	22 Oct.	852 880	102 71		
Cosmos-1698	1985-98-A	USSR	22 Oct.	613 39 342	709 62.8		
Molnya-1 (65) hermetically-sealed cylinder with conical ends; 1000 kg; 6 solar panels	1985-99-A	USSR (PLE)	23 Oct.	658 38 845	700 63.0	800 MHz band 40 W (emission) 1000 MHz band (reception) 3400-4100 MHz (retransmission of television)	Television and multichannel radiocommunications
Meteor-3 (1)	1985-100-A	USSR	24 Oct.	1235 1263	110.3 82.5		Meteorology
Cosmos-1699	1985-101-A	USSR	25 Oct.	177 364	89.6 67.3		Decayed on 23 December 1985

Code name Spacecraft description	International number	Country Organization Site of launching	Date	Initial orbital data		Frequencies Transmitter power	Observations
				Perigee (km) Apogee (km)	Period (min) Inclination (degree)		
Cosmos-1700	1985-102-A	USSR	25 Oct.	35 760	1431 1.4		
				in geostationary-satellite orbit			
Molnya-1 (66) hermetically-sealed cylinder with conical ends; 1000 kg; 6 solar panels	1985-103-A	USSR (PLE)	28 Oct.	480 39 145	702 62.8	800 MHz band 40 W (emission) 1000 MHz band (reception) 3400-4100 MHz (retransmission of television)	Television and multichannel radiocommunications
STS-61A space shuttle <i>Challenger</i>	1985-104-A	United States NASA (ETR)	30 Oct.	324 324	90 57		Re-usable spacecraft. Crew: H. W. Hartsfield, S. R. Nagel, B. J. Dunbar, J. F. Buchli, G. S. Bluford, E. Messerschmid, R. Furrer and W. Oeckel. Carried <i>Spacelab D-1</i> .
GLORS	1985-104-B	United States USDOD launched from <i>STS-61A</i>	30 Oct.	304 332	90.9 57.0		Global Low-Orbiting Relay Satellite <i>deceased 26. Dec. 86</i>
Cosmos-1701	1985-105-A	USSR	9 Nov.	613 39 342	709 62.8		
Cosmos-1702	1985-106-A	USSR	13 Nov.	207 399	90.2 72.8		Recovered on 27 November 1985
Raduga-17 3-axis stabilized; 5 tonnes; 3 solar panels	1985-107-A	USSR (BA1)	15 Nov.	36 655	1461 1.3	5.7-6.2 GHz (reception) 3.4-3.9 GHz (emission)	Television and multichannel radiocommunications
				in geostationary-satellite orbit			

Cosmos-1703	1985-108-A	USSR	22 Nov.	647 678	97.8 82.5		
STS-61B space shuttle <i>Atlantis</i>	1985-109-A	United States NASA (ETR)	27 Nov.	361 370	91.9 28.5		Re-usable spacecraft. Crew: H.S. Brewster, B.D. O'Connor, R. Neri (Mexico), S.C. Spring, J.L. Ross and M.L. Cleave. Tower and pyramid structures were constructed and taken apart in space. Landed on 3 December 1985
Morelos-2 Hughes-type HS 376; spin-stabilized	1985-109-B	Mexico launched from <i>STS-61B</i>	27 Nov.	35 773 35 801	1436.1 2.9	6.4 and 14.11-12 GHz bands	National telecommunication
Aussat-2 Hughes-type HS 376; spin-stabilized	1985-109-C	Australia AUSSAT launched from <i>STS-61B</i>	27 Nov.	35 765 36 571	1455.6 0.3	14.12 GHz band	National telecommunication
Satcom-KU-2	1985-109-D	United States RCA American Communica- tions, Inc. launched from <i>STS-61B</i>	28 Nov.	35 774 35 801	1436.2 0.1		Commercial telecommunication
Oex Target	1985-109-E	United States launched from <i>STS-61B</i>	30 Nov.	372 386	92.1 28.5		<i>decayed in 21 Oct 85</i>
Cosmos-1704	1985-110-A	USSR	28 Nov.	986 1023	105 82.9		
Cosmos-1705	1985-111-A	USSR	3 Dec.	208 387	90.1 72.8		Recovered on 17 December 1985
Cosmos-1706	1985-112-A	USSR	11 Dec.	178 360	89.5 67.2		<i>decayed in 9 Feb 86</i>

Code name Spacecraft description	International number	Country Organization Site of launching	Date	Initial orbital data		Frequencies Transmitter power	Observations
				Perigee (km) Apogee (km)	Period (min) Inclination (degree)		
Cosmos-1707	1985-113-A	USSR	12 Dec.	650 678	97.8 82.5		
USA-13	1985-114-A	United States USDOD	13 Dec.	314 776	95.6 37.1		
USA-14	1985-114-B	United States USDOD	13 Dec.	314 772	95.5 37.1		<i>decayed on 9 Aug 87</i>
Cosmos-1708	1985-115-A	USSR	13 Dec.	197 313	89.2 82.3		Recovered on 27 December 1985
Cosmos-1709	1985-116-A	USSR	19 Dec.	982 1026	104.9 82.9		
Molnya-3 (27) 3-axis stabilized; 1500 kg	1985-117-A	USSR (PLE)	24 Dec.	477 40 793	736 62.8	5.9-6.2 GHz (reception) 3.6-3.9 GHz (emission)	Television and multichannel radiocommunications
Cosmos-1710 to Cosmos-1712	1985-118-A to 1985-118-C	USSR (BAI)	24 Dec.	19 160	677 65	1240-1260; 1597-1610; 1610-1617 MHz (in accordance with RR 732)	Global Navigation Satellite System (GLONASS). Series of satellites for civil aviation and merchant marine navigation. (See also 1982-100-A, D and E, 1983-84-A to C and 1983-127-A to C)
Meteor-2 (13)	1985-119-A	USSR (PLE)	26 Dec.	952 975	104 82.5		Meteorology
Cosmos-1713	1985-120-A	USSR	27 Dec.	224 419	90.7 62.8		<i>decayed on 27 Jan 86</i>
Cosmos-1714	1985-121-A	USSR	28 Dec.	190 863	94.8 71.0		Electronic intelligence monitoring (ELINT). Failed to reach final orbit <i>decayed on 29 Feb 86</i>

AKY = Aktubinsk-Kapustin Yar (USSR)	INTELSAT = International Telecommunications Satellite Organization	PII = Plesetsk (USSR)
ARABSAT = Arab Satellite Communications Organization		USAF = United States Air Force
AT&T = American Telephone and Telegraph Company	ISAS = Institute of Space and Aeronautical Science (Japan)	USDOD = United States Department of Defense
BAI = Baikonur (USSR)	KSC = Kagoshima Space Centre (Japan)	USN = United States Navy
CSG = Centre spatial guyanais, Kourou (French Guiana)	NASA = National Aeronautics and Space Administration (United States)	WTR = Western Test Range (United States)
ESA = European Space Agency		
ETR = Eastern Test Range (United States)		

The following satellites have decayed since the preparation of the "Table of artificial satellites launched between 1977 and 1984" published in July 1985

<i>satellite</i>	<i>international number</i>	<i>decay</i>
Explorer-32	1966-44-A	22 February 1985
Molnya-1 (26)	1973-97-A	9 June 1985
Molnya-2 (8)	1973-106-A	24 November 1984
Molnya-1 (34)	1976-26-A	14 May 1985
Corsa-B	1979-14-A	15 April 1985
OPS-3984	1981-85-A	23 November 1984
OPS-9627	1982-111-A	13 August 1985
Cosmos-1465	1983-49-A	23 January 1985

<i>satellite</i>	<i>international number</i>	<i>decay</i>
Cosmos-1494	1983-91-A	26 September 1985
Cosmos-1502	1983-102-A	29 August 1985
Cosmos-1611	1984-119-A	11 January 1985
Cosmos-1612	1984-120-A	31 January 1985
Vega-1 (lander)	1984-125-E	10 June 1985
Vega-1 (balloon)	1984-125-F	10 June 1985
Vega-2 (lander)	1984-128-E	14 June 1985
Vega-2 (balloon)	1984-128-F	14 June 1985