



Secretariat

Distr.
GENERAL

ST/SG/SER.E/238
4 March 1991
ENGLISH
ORIGINAL: RUSSIAN

COMMITTEE ON THE PEACEFUL USES OF
OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON
REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 27 February 1991 from the Permanent Mission of
the Union of Soviet Socialist Republics to the United Nations
addressed to the Secretary-General

The Permanent Mission of the Union of Soviet Socialist Republics to the United Nations presents its compliments to the Secretary-General of the United Nations and, in conformity with article IV of the Convention on Registration of Objects Launched into Outer Space, has the honour to transmit information concerning space objects launched by the USSR in November and December 1990 and concerning objects previously launched into earth orbit which are no longer in orbit.

REGISTRATION DATA

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN NOVEMBER 1990

1. In November 1990, the USSR launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
2632	Gorizont, launched by a Proton carrier rocket	3 November	35 688	35 688	1.4	1 431	Operation of the telephone and telegraph radio-communications system and transmission of television programmes
2633	Cosmos-2103	14 November	430	410	65	92.8	Investigation of outer space
2634	Cosmos-2104, launched by a Soyuz carrier rocket	16 November	387	247	62.8	90.6	Investigation of the upper atmosphere and outer space
2635	Cosmos-2105	20 November	39 339	606	63.2	709	Investigation of outer space
2636	Molniya-1, launched by a Molniya carrier rocket	23 November	40 593	654	62.9	735	Operation of the long-range telephone and telegraph radio-communications system and transmission of USSR Central Television programmes in the Orbita network
2637	Gorizont, launched by a Proton carrier rocket	23 November	36 545	36 545	1.3	1 475	Operation of the telephone and telegraph radio-communications system and transmission of USSR Central Television programmes
2638	Cosmos-2106	30 November	550	526	82.5	95.2	Investigation of outer space

All objects were launched from the territory of the USSR.

2. The following space objects ceased to exist in November 1990 and were no longer in Earth orbit at 2400 hours Moscow time on 30 November 1990:

1976-041A (Molniya-3)
 1990-012A (Cosmos-2059)
 1990-033A (Cosmos-2072)
 1990-085A (Cosmos-M-5)
 1990-087A (Cosmos-2101)

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN DECEMBER 1990

1. In December 1990, the USSR launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
2639	Soyuz TM-II (jointly with the private Japanese company TBS)	2 December	326	283	51.6	90.3	Transport to the Mir manned orbital station of the international crew consisting of the cosmonauts V. M. Afanasyev, M. Kh. Manarov, and T. Akiyami (Japan) for the purpose of carrying out joint work with the cosmonauts G. M. Manakov and G. M. Strekalov
2640	Cosmos-2107	4 December	442	414	65	92.9	Investigation of outer space
2641	Cosmos-2108, launched by a Soyuz carrier rocket	4 December	339	196	62.8	89.6	Investigation of the upper atmosphere and outer space
2642	Cosmos-2109*	8 December	19 142	19 142	64.8	676) Testing of components and equipment of a space navigation system being set up to determine the position of civil aircraft and ships of the USSR merchant marine and fishing fleet
2643	Cosmos-2110*	"	"	"	"	"	
2644	Cosmos-2111*	"	"	"	"	"	
2645	Cosmos-2112, launched by a Cosmos carrier rocket	10 December	800	774	74.1	100.7	Investigation of outer space
2646	Raduga, launched by a Proton carrier rocket	20 December	35 937	35 937	1.3	1 443	Telephone and telegraph communications and transmission of television programmes
2647	Cosmos-2113, launched by a Soyuz carrier rocket	21 December	307	189	64.8	89.2	Investigation of the upper atmosphere and outer space

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
2648	Cosmos-2114**	22 December	1 442	1 388	82.6	114.1	Investigation of outer space
2649	Cosmos-2115**	"	"	"	"	"	"
2650	Cosmos-2116**	"	"	"	"	"	"
2651	Cosmos-2117**	"	"	"	"	"	"
2652	Cosmos-2118**	"	"	"	"	"	"
2653	Cosmos-2119**	"	"	"	"	"	"
2654	Cosmos-2120, launched by a Soyuz carrier rocket	26 December	253	188	82.6	88.6	Investigation of the upper atmosphere and outer space
2655	Raduga-1, launched by a Proton carrier rocket	27 December	36 535	36 535	1.4	1 474	Further expansion of the long-range telephone and telegraph radio-communications system in the territory of the USSR

* Space objects Cosmos-2109, Cosmos-2110 and Cosmos-2111 were launched by a single Proton carrier rocket.

** Space objects Cosmos-2114, Cosmos-2115, Cosmos-2116, Cosmos-2117, Cosmos-2118 and Cosmos-2119 were launched by a single Tsiklon carrier rocket.

All space objects were launched from the territory of the USSR.

2. The following space objects ceased to exist in December 1990 and were no longer in Earth orbit at 2400 hours Moscow time on 31 December 1990:

- 1985-018A (Cosmos-1631)
- 1990-067A (Soyuz TM-10)
- 1990-098A (Cosmos-2102)