

Register of Swedish Objects Launched into Outer Space

Status: 2024-04-05

Dnr 2024-00117

COSPAR international designator	Name	Mass kg	Launch date	Launch site	Nodal period minutes	Inclination degrees	Apogee km	Perigee km	End of life	General mission
1986-19B	Viking	286	1986 Feb 22	Kourou, French Guyana	262,2	98,8	13 530	814	1987 May 17	Investigation of plasma physics and the auroral phenomena
1989-27A	Tele-X	1 050	1989 April 2	Kourou, French Guyana	Geostationary 5°E, graveyard				1998 Jan 16 ¹	Telecommunications, direct TV broadcasting and data communication
1989-67A	Marco Polo 1 Sirius 1²	660	1989 Aug 27	Cape Canaveral, USA	Geostationary 5°E, 13°W, graveyard				2003 May ¹	High power TV broadcasting
1992-64A	Freja	256	1992 Oct 6	Jiuquan, China	108,9	63,0	1 756	601	1996 Oct 14	High-resolution measurements in the upper ionosphere and lower magnetosphere
1995-2B	Astrid	27	1995 Jan 24	Plesetsk, Russia	105,1	82,9	1 026	968	1995 Sept 27	Investigation of near-space plasma with emphasis on neutral particle phenomena
1997-71A	Sirius 2 Astra 5A	1 240	1997 Nov 12	Kourou, French Guyana	Geostationary 4.8°E, 31.5°E				2009 Jan 16	High power TV broadcasting and data communication
1998-56B	Sirius 3	806	1998 Oct 5	Kourou, French Guyana	Geostationary 28°E, 5°E, graveyard				2015 Nov 6 ¹	Broadcasting satellite for TV, radio and data with 15 high-EIRP transponders
1998-72B	Astrid 2	30	1998 Dec 10	Plesetsk, Russia	105,1	83,0	1 014	968	1999 July 24	High-resolution measurements of electrical and magnetic fields in the auroral region
2000-75C	Munin	6	2000 Nov 21	Vandenberg AFB, USA	110,5	95,4	1 800	698	2001 Feb 12	Nanosatellite for auroral research built by the Swedish Institute of Space Physics in Kiruna
2001-07A	Odin	250	2001 Feb 20	Svobodny, Russia	97,1	97,8	631	605		Scientific satellite for astronomy and aeronomy
2007-057A	Sirius 4 Astra 4A	4 600	2007 Nov 18	Baikonur, Kazakhstan	Geostationary 5°E					High power television broadcasting and data communication satellite
2010-028B	Mango	150	2010 June 15	Yasny, Russia	100,1	98,3	794	730	2016 Oct 25	Technical demonstration of formation flying and rendezvous and space motor technology. The total project is called PRISMA.
2010-028F	Tango	45	2010 June 15	Yasny, Russia	100,1	98,3	794	730	2013 Apr 5	
2012-036A	Sirius 5 Astra 4B SES-5	5 325	2012 July 9	Baikonur, Kazakhstan	Geostationary 5°E					Geostationary satellite with European/African coverage areas; up to 56 active transponders
1998-067LR	QBEE50-LTU-OC	2	2017 April 18 2017 May 23	Cape Canaveral, USA Deployed from ISS	92,6	51,6	409	408		Characterize the behaviour of atomic oxygen in the lower thermosphere
2022-147A	MATS	59	2022 Nov 5	Mahia, New Zealand	96.46	97.65	597	581		Atmospheric science
2024-003A	Ovzon 3	1 800	2024 Jan 3	Cape Canaveral, USA	Geostationary 59,7°E					Communication

¹Graveyard orbit

²Purchased in orbit 1996