

Rapporto lanci del mese di novembre 2011

Catalog Number	Nome Comune	International Designator	Vettore	Nazionalità	Data di lancio	Data rientro	Periodo [minuti]	Inclinaz. [gradi]	Apogeo [km]	Perigeo [km]	Radar Cross Section [m ²]	Identificazione sito di lancio
37867	Cosmos 2476 (Glonass)	2011-064A	Proton-M/Briz-M	Russia	04/11/2011		675,73	64,76	19'173	19'087	1,8681	Baykonur LC81 Tyuratam Missile And Space Complex - Kazakhstan
37868	Cosmos 2477 (Glonass)	2011-064B	Proton-M/Briz-M	Russia	04/11/2011		675,73	64,77	19'168	19'092	1,3383	Baykonur LC81 Tyuratam Missile And Space Complex - Kazakhstan
37869	Cosmos 2475 (Glonass)	2011-064C	Proton-M/Briz-M	Russia	04/11/2011		674,47	64,77	19'176	19'021	6,3096	Baykonur LC81 Tyuratam Missile And Space Complex - Kazakhstan
37870	Breeze-M R/B	2011-064D	Proton-M/Briz-M	Russia	04/11/2011		638,40	64,85	19'106	17'257	0,7943	Baykonur LC81 Tyuratam Missile And Space Complex - Kazakhstan
37871	Breeze-M Deb (Tank)	2011-064E	Proton-M/Briz-M	Russia	04/11/2011		338,34	52,51	19'108	304	0,0030	Baykonur LC81 Tyuratam Missile And Space Complex - Kazakhstan
37872	Phobos-Grunt	2011-065A	Zenit-2SB	Russia	08/11/2011		89,36	51,42	284	202	15,0600	Baykonur LC45 Tyuratam Missile And Space Complex - Kazakhstan
37873	SI-16 R/B	2011-065B	Zenit-2SB	Russia	08/11/2011	22/11/2011	87,37	51,42	155	133	12,9760	Baykonur LC45 Tyuratam Missile And Space Complex - Kazakhstan
37874	Tx 1	2011-066A	Chang Zheng 4B	Cina	09/11/2011		94,26	97,41	489	477	0,2772	Taiyuan Taiyuan Space Center - China
37875	Yaogan 12	2011-066B	Chang Zheng 4B	Cina	09/11/2011		94,45	97,41	497	486	7,2233	Taiyuan Taiyuan Space Center - China
37876	Cz-4B R/B	2011-066C	Chang Zheng 4B	Cina	09/11/2011		89,38	97,50	307	180	6,4024	Taiyuan Taiyuan Space Center - China
37877	Soyuz-Tma 22	2011-067A	Soyuz-FG	Russia	14/11/2011		92,42	51,64	410	376	10,7000	Baykonur LC1 Tyuratam Missile And Space Complex - Kazakhstan
37878	SI-4 R/B	2011-067B	Soyuz-FG	Russia	14/11/2011	16/11/2011	87,09	51,62	132	129	6,9480	Baykonur LC1 Tyuratam Missile And Space Complex - Kazakhstan
37879	SI-16 Deb	2011-065C	Zenit-2SB	Russia	08/11/2011	01/12/2011	88,54	51,44	242	162	0,0030	Baykonur LC45 Tyuratam Missile And Space Complex - Kazakhstan
37880	SI-16 Deb	2011-065D	Zenit-2SB	Russia	08/11/2011		89,20	51,39	280	190	0,0030	Baykonur LC45 Tyuratam Missile And Space Complex - Kazakhstan
37881	SI-16 Deb	2011-065E	Zenit-2SB	Russia	08/11/2011		88,52	51,44	234	169	0,0030	Baykonur LC45 Tyuratam Missile And Space Complex - Kazakhstan
37882	SI-16 Deb	2011-065F	Zenit-2SB	Russia	08/11/2011	28/11/2011	87,69	51,40	184	136	0,0030	Baykonur LC45 Tyuratam Missile And Space Complex - Kazakhstan
37930	Chuang Xin 1-03	2011-068A	Chang Zheng 2D	Cina	20/11/2011		100,75	98,45	804	784	0,5800	Jiuquan Jiuquan Space Center - Cina
37931	Shiyuan 4	2011-068B	Chang Zheng 2D	Cina	20/11/2011		100,74	98,45	803	784	0,9820	Jiuquan Jiuquan Space Center - Cina
37932	Cz-2D R/B	2011-068C	Chang Zheng 2D	Cina	20/11/2011		101,31	98,33	847	794	7,3959	Jiuquan Jiuquan Space Center - Cina
37933	Asiasat 7	2011-069A	Proton-M/Briz-M	Asiasat Corp.	25/11/2011		1'436,09	0,06	35'795	35'778	2,6843	Baykonur LC200/39 Tyuratam Missile And Space Complex - Kazakhstan
37934	Breeze-M R/B	2011-069B	Proton-M/Briz-M	Russia	25/11/2011		839,18	0,25	34'293	11'893	11,2900	Baykonur LC200/39 Tyuratam Missile And Space Complex - Kazakhstan
37935	Breeze-M Deb (Tank)	2011-069C	Proton-M/Briz-M	Russia	25/11/2011		629,52	49,15	35'524	382		Baykonur LC200/39 Tyuratam Missile And Space Complex - Kazakhstan
37936	Msl	2011-070A	Atlas V 541	USA	26/11/2011		89,30	28,92	319	161		Canaveral SLC41 Air Force Eastern Test Range - USA
37937	Atlas 5 R/B	2011-070B	Atlas V 541	USA	26/11/2011		89,30	28,94	290	189		Canaveral SLC41 Air Force Eastern Test Range - USA
37938	Cosmos 2478 (Glonass)	2011-071A	Soyuz-2-1B	Russia	28/11/2011		675,97	64,81	19'153	19'119	1,7783	Plesetsk LC43 Plesetsk Missile And Space Complex - Russia
37939	Fregat R/B	2011-071B	Soyuz-2-1B	Russia	28/11/2011		688,91	64,78	19'678	19'243	1,6548	Plesetsk LC43 Plesetsk Missile And Space Complex - Russia
37940	Phobos-Grunt Deb	2011-065G	Zenit-2SB	Russia	08/11/2011	29/11/2011	89,60	51,31	271	239	3,9811	Baykonur LC45 Tyuratam Missile And Space Complex - Kazakhstan
37941	Yaogan 13	2011-072A	Chang Zheng 2C	Cina	29/11/2011		94,78	97,11	511	505	3,1623	Taiyuan Taiyuan Space Center - China
37942	Cz-2C R/B	2011-072B	Chang Zheng 2C	Cina	29/11/2011		93,79	97,02	512	408	11,0140	Taiyuan Taiyuan Space Center - China
37943	Cz-2C Deb	2011-072C	Chang Zheng 2C	Cina	29/11/2011		96,17	97,26	663	487	0,0932	Taiyuan Taiyuan Space Center - China
37944	Cz-2C Deb	2011-072D	Chang Zheng 2C	Cina	29/11/2011		95,97	96,84	642	489	0,0770	Taiyuan Taiyuan Space Center - China
37945	Cz-2C Deb	2011-072E	Chang Zheng 2C	Cina	29/11/2011		92,66	97,27	473	337	0,1045	Taiyuan Taiyuan Space Center - China
37946	Cz-2C Deb	2011-072F	Chang Zheng 2C	Cina	29/11/2011		92,42	96,87	460	326	0,0870	Taiyuan Taiyuan Space Center - China
37947	Phobos-Grunt Deb	2011-065H	Zenit-2SB	Russia	08/11/2011	02/12/2011	87,63	51,42	167	147	0,0140	Baykonur LC45 Tyuratam Missile And Space Complex - Kazakhstan

Legenda

DEB Debris - Detrito
R/B Rocket Body - componente del vettore
TANK Serbatoio