

## Rapporto lanci del mese di ottobre 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 [m²]	Identificazione sito di lancio	
37829	Cosmos 2474 (Glonass)	2011-055A	Soyuz-2-1B	Russia	02/10/2011		675,73	64,79	19'156	19'104	1,2589	Plesetsk	Plesetsk Missile And Space Complex - Russia
37830	Fregat R/B	2011-055B	Soyuz-2-1B	Russia	02/10/2011		687,18	64,76	19'683	19'151	1,9953	Plesetsk	Plesetsk Missile And Space Complex - Russia
37834	Intelsat 18	2011-056A	Zenit-3SLB	Intelsat	05/10/2011		1'433,22	0,05	35'736	35'725	31,6228	Baykonur LC45	Tyuratam Missile And Space Complex - Kazakhstan
37835	SI-23 R/B	2011-056B	Zenit-3SLB	Russia	05/10/2011		731,72	19,45	35'762	5'278	17,3653	Baykonur LC45	Tyuratam Missile And Space Complex - Kazakhstan
37836	Eutelsat W3C	2011-057A	Chang Zheng 3B(E)	Eutelsat	07/10/2011		1'436,07	0,08	35'791	35'781	19,9526	Xichang	Xichang Space Center - Cina
37837	Cz-3B R/B	2011-057B	Chang Zheng 3B(E)	Cina	07/10/2011	30/10/2011	97,90	25,95	1'222	94	6,5630	Xichang	Xichang Space Center - Cina
37838	Megha-Tropiques	2011-058A	PSLV-CA	India	12/10/2011		102,15	19,98	868	853	4,8745	Sriharikota	Satish Dhawan Space Centre - India
37839	Jugnu	2011-058B	PSLV-CA	India	12/10/2011		101,98	19,96	866	839	3,2517	Sriharikota	Satish Dhawan Space Centre - India
37840	Vesselsat 1	2011-058C	PSLV-CA	Lussemburgo	12/10/2011		102,09	19,96	868	847	0,2675	Sriharikota	Satish Dhawan Space Centre - India
37841	Srmsat	2011-058D	PSLV-CA	India	12/10/2011		102,12	19,97	868	850	0,2659	Sriharikota	Satish Dhawan Space Centre - India
37842	Pslv R/B	2011-058E	PSLV-CA	India	12/10/2011		101,36	19,79	866	780	0,0936	Sriharikota	Satish Dhawan Space Centre - India
37843	Viasat 1	2011-059A	Proton-M/Briz-M	USA	19/10/2011		1'436,10	0,03	35'798	35'776	5,0119	Baykonur	Tyuratam Missile And Space Complex - Kazakhstan
37844	Breeze-M R/B	2011-059B	Proton-M/Briz-M	Russia	19/10/2011		684,15	32,34	36'286	2'397		Baykonur	Tyuratam Missile And Space Complex - Kazakhstan
37845	Breeze-M Deb (Tank)	2011-059C	Proton-M/Briz-M	Russia	19/10/2011		234,16	49,74	12'091	322	3,0568	Baykonur	Tyuratam Missile And Space Complex - Kazakhstan
37846	Galileo-Pfm	2011-060A	Soyuz-2-1B	ESA	21/10/2011		846,78	54,70	23'307	23'234	13,2146	Kourou ELS	Guiana Francese
37847	Galileo-Fm2	2011-060B	Soyuz-2-1B	ESA	21/10/2011		845,93	54,70	23'274	23'228	4,4082	Kourou ELS	Guiana Francese
37848	Fregat R/B	2011-060C	Soyuz-2-1B	Russia	21/10/2011		862,06	54,70	23'649	23'604	6,3096	Kourou ELS	Guiana Francese
37849	Npp	2011-061A	Delta 7920	USA	28/10/2011		101,31	98,71	823	818	7,9574	Vandenberg SLC2W	Air Force Western Test Range - USA
37850	M-Cubed	2011-061B	Delta 7920	USA	28/10/2011		97,46	101,70	815	459	1,6980	Vandenberg SLC2W	Air Force Western Test Range - USA
37851	Aubiesat-1	2011-061C	Delta 7920	USA	28/10/2011		97,45	101,70	816	458	0,1364	Vandenberg SLC2W	Air Force Western Test Range - USA
37852	E1Pu2	2011-061D	Delta 7920	USA	28/10/2011		97,45	101,70	816	458	0,1830	Vandenberg SLC2W	Air Force Western Test Range - USA
37853	Rax-2	2011-061E	Delta 7920	USA	28/10/2011		97,45	101,70	815	458	0,1030	Vandenberg SLC2W	Air Force Western Test Range - USA
37854	Dice-1	2011-061F	Delta 7920	USA	28/10/2011		97,44	101,70	815	457	0,0470	Vandenberg SLC2W	Air Force Western Test Range - USA
37855	Dice-2	2011-061G	Delta 7920	USA	28/10/2011		97,44	101,70	816	456	0,0550	Vandenberg SLC2W	Air Force Western Test Range - USA
37856	Delta 2 R/B	2011-061H	Delta 7920	USA	28/10/2011		92,58	107,31	626	176	5,5970	Vandenberg SLC2W	Air Force Western Test Range - USA
37857	Progress-M 13M	2011-062A	Soyuz-U	Russia	30/10/2011		92,33	51,64	403	374	5,5710	Baykonur LC1	Tyuratam Missile And Space Complex - Kazakhstan
37858	SI-4 R/B	2011-062B	Soyuz-U	Russia	30/10/2011	01/11/2011	87,43	51,63	153	140	4,6110	Baykonur LC1	Tyuratam Missile And Space Complex - Kazakhstan
37859	Shenzhou-8	2011-063A	Chang Zheng 2F	Cina	31/10/2011		91,21	42,79	339	330	16,0843	Jiuquan	Jiuquan Space Center - Cina
37860	Cz-2F R/B	2011-063B	Chang Zheng 2F	Cina	31/10/2011		88,45	42,78	226	170	18,1797	Jiuquan	Jiuquan Space Center - Cina
37861	Cz-2F Debris	2011-063C	Chang Zheng 2F	Cina	31/10/2011		91,40	42,61	494	192	0,0995	Jiuquan	Jiuquan Space Center - Cina

### Legenda

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