

Dati Elaborati sez. P-Z													
	Punto Iniziale (km, km/s)						Punto Finale (km, rad)						
ID	x	y	z	vx	vy	vz	a	e	i	Ω	ω	θ	
C1	-7286.2745	29.6028	5431.6070	-2.3600	-5.6910	-2.6380	15230.0	0.3103	0.9003	2.2950	0.4282	2.2510	
C2	6809.3446	-6815.3496	-2972.1261	4.1180	4.0320	-1.5530	12100.0	0.2791	0.5539	2.6360	3.0630	0.9439	
C3	-8780.9008	-316.0770	2704.6717	-1.3410	-6.0570	-2.3770	15770.0	0.2985	0.6602	1.5610	2.3710	1.4760	
C4	-5604.1664	1728.7846	5879.7326	-4.9810	-4.2930	-2.5950	12720.0	0.2460	0.7024	1.7340	1.4180	2.7660	
C5	-4358.4057	4908.2823	3591.7619	-4.9620	-5.3670	1.9170	13490.0	0.3736	0.7412	0.4680	0.5213	1.0600	
C6	-3365.0503	-7499.3408	2341.2680	2.8690	-3.4580	-5.2690	12680.0	0.2744	1.0620	1.1860	2.5080	0.3182	
C7	-4764.8462	-6731.7843	2420.6215	4.1670	-4.8770	-2.8710	17230.0	0.2020	0.7345	0.4019	1.2000	2.9890	
C8	-3405.4560	-7937.1017	-5682.5426	4.9960	-0.7227	-2.8790	14920.0	0.3576	0.3596	2.4320	0.8367	2.0410	
C9	1116.1924	-6574.6796	-7557.7884	4.7780	2.8680	-2.0320	14560.0	0.2531	0.9424	1.3760	2.6600	2.5500	
C10	-4797.9358	-5868.0202	4103.9738	1.9550	-5.3070	-3.7190	14680.0	0.2283	1.2850	1.9040	1.8810	0.5191	
C11	-6608.3720	75.7166	4001.6680	-1.2370	-7.4660	-0.7414	15890.0	0.2814	0.8275	0.3699	0.8446	2.2550	
C12	-7421.6936	1932.8730	3309.8559	-3.3190	-5.9030	-2.2160	15530.0	0.2989	1.2080	0.3987	1.8000	2.8960	
C13	-1169.7791	-8344.5289	977.8062	4.2770	-1.9310	-4.9330	10860.0	0.2332	0.5284	3.0230	0.4299	0.3316	
C14	306.7627	-7005.2541	-6591.3595	4.8380	2.7510	-2.9120	11240.0	0.2462	1.2130	1.0560	3.1190	1.7000	
C15	-2663.7532	-7981.6200	-3408.0917	4.1080	0.4340	-5.0680	16900.0	0.2365	0.3351	1.9380	2.2040	0.3272	
C16	-9292.7432	-2808.2038	1544.0511	0.7936	-5.5600	-2.6720	10820.0	0.2538	0.6917	2.3370	2.8730	0.4906	
C17	-4290.4740	2346.9287	5467.7782	-4.9450	-5.8760	-0.9661	13230.0	0.3025	0.6193	1.7990	0.8210	0.3221	
C18	-4551.9838	5215.5966	2709.4038	-5.0470	-5.3830	2.1940	13140.0	0.2007	1.1140	1.0910	2.0620	1.9580	
C19	-4699.0035	-7587.4289	1332.6614	2.1570	-3.1100	-5.1150	14300.0	0.3722	0.9059	0.7215	2.5090	0.9556	
C20	5332.7435	6404.1049	3184.2668	-4.9540	2.0240	4.3150	12930.0	0.2284	1.4590	0.4464	0.7107	0.1947	
C21	-5692.4735	3821.6030	4405.1168	-4.4910	-5.5820	0.4091	14360.0	0.2180	1.4060	1.7350	0.8788	1.7630	
C22	3138.6132	-8571.0691	-1644.4439	5.5620	2.0280	-1.9700	12610.0	0.2780	1.4790	1.1530	0.3521	0.6160	
C23	-9261.6446	-3626.8904	-80.3683	1.6260	-5.0900	-2.9640	13900.0	0.2232	0.5140	0.6321	1.4150	2.6720	
C24	3930.7037	-8123.6661	-3726.5009	4.2010	3.1390	-3.1270	15130.0	0.3636	0.5975	2.8060	0.5830	0.2577	
C25	7857.2421	-1439.8152	-3608.0445	1.0480	6.3640	-0.2726	11750.0	0.2097	1.2000	2.7500	2.6890	1.6270	
C26	184.4856	-8250.9678	-3554.9918	5.6010	1.1170	-2.6970	11020.0	0.2419	0.3171	2.9680	0.9875	0.5073	
C27	-1282.5918	6681.1935	3028.2333	-5.7590	-2.8020	4.2210	14540.0	0.3173	0.8466	1.6680	0.7040	1.5020	
C28	-6679.5543	-4136.7058	5499.7161	0.4327	-5.9330	-2.6040	13180.0	0.2922	0.3862	1.2000	2.8170	2.7950	
C29	-6823.4684	-2046.0266	2619.9073	0.4114	-7.0940	-2.2700	12520.0	0.2892	0.8623	2.2160	1.5230	1.1550	
C30	-1427.2980	6302.8019	6428.3803	-4.4160	-4.1180	3.2380	12260.0	0.2669	1.4840	2.9320	1.4870	3.0420	
C31	4269.6917	-9013.6453	-2219.8988	4.9780	2.1910	-2.3930	13600.0	0.2311	0.8431	0.6542	3.1010	1.0540	
C32	-7251.2967	2551.4739	2595.2533	-3.4850	-6.1210	-0.9308	11610.0	0.2806	0.7498	1.7040	2.5450	3.0340	
C33	-8474.8084	-5772.9653	-350.4895	1.9900	-3.1130	-4.8260	13880.0	0.2428	0.9087	1.7740	1.3110	0.4933	
C34	-3740.3717	-6992.0288	-5445.3299	5.1130	-0.4565	-3.3410	17340.0	0.2021	1.2850	1.3540	1.2820	0.6873	
C35	899.4393	-10114.6600	-3019.6178	5.2240	1.0270	-2.3320	13090.0	0.3856	1.3250	2.4510	2.3600	2.3920	
C36	-5643.3351	6514.7611	3491.5246	-5.3730	-4.1110	0.0035	12320.0	0.2611	1.3670	2.3010	1.0530	1.4040	
C37	1239.6219	-6909.9798	-8403.3256	4.7000	2.6980	-1.6350	14780.0	0.3163	0.8236	1.8770	2.1210	0.8414	
C38	-7830.6610	-650.4122	2551.5511	-1.6320	-5.4440	-4.0290	12450.0	0.2646	1.3500	2.5000	2.1860	0.8780	
C39	-7538.8671	613.1558	1614.8714	-1.8070	-6.7620	-2.3130	12510.0	0.2534	1.1120	1.5020	2.9280	1.4040	
C40	-8774.5966	-4029.9717	1969.2557	0.8802	-5.0170	-3.2240	12260.0	0.2939	1.1930	1.4980	1.8990	2.8890	
C41	-3602.0304	-9501.4215	-2071.2993	3.6200	-0.8681	-4.7530	13760.0	0.3123	1.1210	2.8410	2.5400	2.6740	
C42	-3663.8241	2043.3108	5873.3897	-4.9140	-6.0270	-0.8167	14420.0	0.2078	1.4230	0.3499	2.8760	2.2090	
C43	637.5264	6662.2737	4424.6189	-6.4190	-1.6120	3.3740	14890.0	0.2510	0.5972	1.9900	1.1090	0.4700	
C44	-7893.5504	-2725.4496	828.1812	1.5100	-6.3710	-2.2060	15080.0	0.2537	0.3969	2.9900	2.8950	0.2640	
C45	-6043.0769	4464.5291	3246.1223	-5.2830	-4.6410	-1.0550	15710.0	0.2326	0.7859	0.9716	0.5208	1.3130	
C46	-3134.9293	-7917.6698	2528.5462	3.7540	-3.4540	-3.9760	11890.0	0.3257	1.1210	0.5927	2.7900	2.8510	
C47	-4483.9760	-7479.6486	2087.6080	3.5040	-4.3400	-3.9870	14970.0	0.2087	0.6680	2.9970	2.4790	2.3300	
C48	-7448.8762	-6897.1982	-13.2021	3.1890	-4.1160	-3.2480	10850.0	0.2388	0.9544	2.3200	1.5270	0.9229	
C49	-6489.9541	2640.7781	5259.1794	-4.4020	-4.9300	-1.6550	15340.0	0.2739	1.4710	1.9470	2.5380	2.0490	
C50	-2600.7441	-6661.4829	-7462.9489	5.0400	0.8544	-2.7910	12400.0	0.3184	1.3060	1.7780	2.5330	2.7160	
C51	-2430.8626	-6847.7962	3666.8436	2.9090	-4.2610	-4.7110	16620.0	0.2227	1.4340	1.3710	2.1360	2.1140	
C52	-8323.8526	-625.3655	2985.9432	-0.9213	-6.5660	-1.8760	11650.0	0.3003	1.4430	1.3060	3.0410	1.9590	
C53	-4116.7900	-6026.6763	-6380.5104	4.9750	0.0236	-3.6350	16940.0	0.2194	1.4470	3.0430	1.7080	0.9455	
C54	-1199.5117	-7615.7466	-4268.7788	5.5110	0.8769	-3.4210	14890.0	0.2979	0.9065	2.5010	1.3770	1.3560	
C55	3897.2087	4682.9056	3727.6865	-5.8000	1.0270	5.3930	13440.0	0.2030	1.4650	0.9498	1.2180	2.0660	
C56	-1451.3351	-10000.7250	-868.7421	3.4890	-0.5350	-5.0650	14710.0	0.3473	0.7242	1.2460	2.7320	2.1380	
C57	5246.6305	-4745.4402	-5210.9335	3.5870	5.1560	-1.2990	14380.0	0.2426	0.4646	1.0560	1.7880	0.3285	
C58	-5117.5105	2195.0430	5454.0808	-3.5800	-6.5180	0.4980	11580.0	0.2928	1.3010	0.5062	3.1360	0.9322	
C59	-4390.7640	-8554.4533	1319.9312	4.4170	-3.5830	-3.0040	10250.0	0.2165	1.0700	0.6550	1.1290	2.7550	
C60	-7156.2008	844.1789	4457.0628	-2.8790	-6.1880	-2.4500	16550.0	0.2687	1.4720	2.2850	2.9940	2.2510	
C61	-3448.1728	-8428.5041	1079.6234	3.4960	-2.4530	-5.0090	13330.0	0.3882	0.7053	2.6330	0.9576	2.7510	
C62	-4007.7176	5467.3106	4153.1740	-3.6860	-5.1530	3.7860	13760.0	0.3154	0.7876	2.3380	2.2490	0.9039	
C63	1343.1908	8031.8922	2833.6750	-6.7760	0.5776	1.9110	16210.0	0.2417	1.5400	1.3940	1.0970	0.2732	
C64	-5782.8040	7087.1459	3154.8376	-5.2870	-3.7260	-0.3846	13820.0	0.2642	0.5105	0.5590	0.7786	2.4630	
C65	-5079.7694	1216.5650	7556.6117	-2.8310	-6.0720	-0.8146	16420.0	0.2565	1.4830	0.5372	1.2930	1.2820	
C66	-7438.8520	-3171.5503	-97.1803	1.6650	-5.8400	-3.5790	12470.0	0.2494	0.4780	1.8490	1.0360	1.6460	
C67	-7279.4001	1213.4039	2535.4227	-1.8830	-7.1290	0.4304	13050.0	0.2858	1.2530	1.9240	0.9239	1.5730	
C68	-2760.1792	-8249.3877	-32.6623	3.5790	-1.7650	-5.3310	12820.0	0.2615	1.5000	2.5050	0.4637	2.1070	
C69	-8328.0033	-1609.2516	2896.4858	-0.3132	-6.3380	-2.2640	12760.0	0.2168	0.5224	1.7890	0.6352	2.6730	
C70	-6639.6019	-5013.6395	2470.6358	1.7690	-4.9970	-3.9300	13950.0	0.2747	1.2860	0.8663	1.7900	2.1230	