

Dati Elaborati sez. E-O												
ID	Punto Iniziale (km, km/s)						Punto Finale (km, rad)					
	x	y	z	vx	vy	vz	a	e	i	Ω	ω	θ
B1	-7394.8822	849.6501	4181.2069	-3.0970	-5.2110	-3.5690	15660.0000	0.2659	0.8321	1.2440	2.9320	3.0970
B2	-1906.6412	-10133.9250	-2831.5636	5.0910	-0.3314	-2.7140	13530.0000	0.3852	1.2980	1.7270	1.7930	1.1920
B3	5557.9661	-6686.4672	-2797.4969	4.3870	4.1670	-2.1050	12770.0000	0.2089	0.7888	1.1600	2.3380	1.0900
B4	-1924.4363	-8843.3074	-773.3496	5.8770	-1.7050	-2.3970	10900.0000	0.2560	0.9151	3.0360	1.7940	1.4090
B5	-8363.6596	322.4300	3166.8052	-1.5340	-6.5150	-1.2580	13390.0000	0.2225	0.7724	3.1250	0.7975	1.0750
B6	-6096.8804	-1361.2133	4888.2313	-0.2075	-7.2520	-1.4010	12860.0000	0.2842	1.4520	0.3340	2.7340	2.9360
B7	5088.9118	-3196.5659	-8222.7989	1.9090	5.6220	-1.0700	14020.0000	0.3576	1.3220	0.9764	1.8130	0.4336
B8	-5090.9780	3238.1241	4860.5238	-3.2980	-6.6020	1.2600	15670.0000	0.2208	0.3761	1.5920	2.4580	1.0860
B9	-3081.7608	-8271.5830	-1241.3128	4.4300	-1.4390	-4.3530	16100.0000	0.2940	1.3420	2.2380	1.9380	0.2148
B10	-6376.8564	-2932.5821	4394.5894	0.7572	-6.7910	-2.4280	10550.0000	0.2083	0.7022	3.0880	1.9660	1.2250
B11	-3132.5655	-7910.0011	1399.2484	4.6740	-3.3680	-3.6580	13930.0000	0.2540	0.9630	0.7205	1.3360	0.0073
B12	-5547.7916	-3682.4167	6524.7823	1.3530	-6.3250	-1.7870	13920.0000	0.2484	1.0030	2.1930	1.6350	1.8130
B13	-5296.0451	3002.6300	4920.8029	-4.0950	-5.9900	0.0936	14980.0000	0.3925	1.2140	0.6507	0.8819	2.3000
B14	-7510.6549	-4710.7083	3681.2969	1.5490	-5.6350	-2.8280	14690.0000	0.2676	0.8757	0.4655	2.4490	1.8080
B15	-6114.6175	3873.0554	2640.4403	-4.2140	-6.2620	0.5560	15420.0000	0.2295	1.1980	0.6691	1.6500	2.6790
B16	-6762.5663	-4493.0612	2321.0346	0.5143	-4.1460	-5.2550	10280.0000	0.2061	1.3660	2.1710	1.9550	2.4510
B17	-7976.6789	-6009.0790	-93.1888	2.2840	-3.7980	-3.9860	12920.0000	0.3447	1.1270	2.3840	2.5610	1.9030
B18	2254.3254	-8092.3126	-4199.8027	5.6120	2.4220	-1.7020	16410.0000	0.2678	0.5612	0.4075	1.0700	1.3420
B19	-3706.0208	6019.0899	2294.7066	-5.9690	-4.1670	2.3420	13100.0000	0.3777	0.6438	2.9730	2.1510	1.5780
B20	-8343.5954	-5229.1011	-440.0476	2.5470	-4.2720	-3.2510	16450.0000	0.2048	0.3868	1.6070	0.3399	1.0560
B21	-1463.9765	-9640.2789	-1235.8364	5.3130	-0.6475	-3.0510	14690.0000	0.2559	1.4310	2.7900	0.6298	0.1978
B22	-8523.8950	-2313.2341	2093.8100	0.7962	-6.3210	-1.6420	15780.0000	0.2185	0.7385	0.6788	2.1630	3.0530
B23	-8348.3825	-1419.9954	1633.2575	-0.0937	-6.2760	-2.4890	13100.0000	0.2567	1.1770	2.8390	3.1310	0.2715
B24	-6294.9615	4615.4673	5295.5566	-4.6440	-4.7640	-0.3764	15920.0000	0.2353	1.2240	1.1530	1.7330	2.3420
B25	-4239.5787	-9393.4105	1649.8221	3.6700	-2.7420	-3.8480	12850.0000	0.2015	0.7469	0.8447	1.1300	1.9450
B26	-6114.8777	637.1895	4563.3686	-1.7500	-7.2220	-0.4779	12940.0000	0.3620	1.0530	0.7481	0.3624	2.7280
B27	-6791.1575	-6483.2018	1027.6657	1.3930	-3.3200	-5.0370	14990.0000	0.2963	0.6515	2.5540	1.8360	1.8500
B28	-6564.0381	2303.3883	3311.1388	-2.6070	-7.0960	0.8754	14280.0000	0.3311	0.7958	1.5290	1.6520	2.7930
B29	-4994.8036	2353.4631	4779.3646	-5.3510	-5.0310	-2.4430	13990.0000	0.3168	1.2530	0.8446	1.3160	2.7600
B30	-1744.0045	7396.3047	3662.5841	-6.5740	-2.0620	1.4960	16340.0000	0.2110	1.4560	0.9641	0.6876	3.0270
B31	239.4348	-8591.2939	-218.8871	5.5600	0.0681	-3.6360	11930.0000	0.2517	0.6508	1.9070	1.0560	1.5160
B32	-4706.6413	-8850.8997	-2572.5654	5.2130	-2.4650	-1.7380	11640.0000	0.2323	0.3828	2.1080	1.8950	2.1230
B33	-9302.8589	-2089.9283	2884.4839	-0.2552	-5.3090	-3.2280	12700.0000	0.3379	1.2330	1.4060	2.0640	1.6090
B34	1976.5937	7492.3315	3196.3580	-6.7810	0.7921	2.4780	14040.0000	0.2239	0.9762	0.4757	1.6390	1.9930
B35	-8773.4751	-5626.4193	-1479.1363	2.7130	-3.3420	-3.9890	14380.0000	0.3285	0.5899	0.3444	0.3642	1.2500
B36	-8166.1566	401.2451	2621.9401	-2.1340	-5.5090	-3.1910	12750.0000	0.3418	0.9348	2.7140	1.8530	1.4930
B37	-8865.7415	-366.9924	2748.1191	-1.6180	-4.7380	-4.1280	13280.0000	0.3755	1.4510	3.0730	2.0750	2.7630
B38	8925.0023	-2106.9873	-3959.8138	1.2740	5.8400	-0.5030	14140.0000	0.3731	1.1860	1.7280	2.9420	0.1652
B39	-3081.5068	6010.7620	3852.2899	-5.4410	-4.2630	2.9360	15130.0000	0.3572	1.1980	0.4717	1.4400	2.9490
B40	-6204.9090	-6268.4847	1451.6499	2.6610	-4.4110	-4.0180	12580.0000	0.2788	1.2930	2.7750	2.2430	2.3410
B41	-4421.6256	-6322.8167	-3702.9076	4.3390	-0.3903	-5.0440	15010.0000	0.2343	1.5450	1.5570	0.7190	2.0520
B42	-4444.1516	3523.2122	5480.5014	-5.7200	-4.8090	-0.8429	14540.0000	0.2214	1.2140	2.9220	0.7698	1.1910
B43	7037.7813	-5492.9260	-4453.1873	3.3910	4.8850	-0.7129	14140.0000	0.2164	1.4740	1.2590	1.4620	2.3000
B44	-8048.2861	-4171.3048	2895.9296	1.7540	-5.9910	-1.9520	16720.0000	0.2502	1.1190	0.6245	3.1350	3.1000
B45	-637.7554	-8319.7004	-3956.7848	5.8760	-0.0891	-1.7840	14310.0000	0.2447	0.8900	2.2280	2.7130	2.6730
B46	-9269.7644	-153.7766	2805.8762	-0.8093	-6.2520	-1.5550	14020.0000	0.2315	0.4253	1.7140	1.8360	1.8440
B47	-8866.5001	-2536.8142	2218.2102	0.3666	-5.5800	-3.4390	15940.0000	0.3139	1.2190	2.0050	1.6550	2.2080
B48	-7072.7467	2937.0023	3161.7897	-3.7230	-6.0970	-1.2150	15080.0000	0.3608	1.4300	1.2980	1.5230	1.4700
B49	-4283.3820	-7904.1056	-2062.5959	3.9430	-0.9631	-4.8300	14740.0000	0.2644	1.2600	2.3280	1.1080	2.7080
B50	-6699.5212	-1889.5279	4107.1279	-1.3920	-5.9130	-3.7700	16070.0000	0.2353	1.0010	2.1320	1.6400	0.5572
B51	-4639.3404	-1091.3108	6738.7155	0.1893	-7.1410	-0.4939	13800.0000	0.2594	0.9029	3.0980	0.5289	1.8320
B52	-2842.9087	6467.5469	5114.7175	-5.3120	-3.8390	2.7280	14050.0000	0.3210	1.4460	1.7210	2.0740	0.3928
B53	-3554.7799	5268.9723	4816.4068	-6.2790	-3.5940	-0.0348	12760.0000	0.3403	0.5533	2.8940	1.0120	2.1120
B54	-5126.7054	3216.4514	5888.7140	-2.0480	-6.5990	1.9340	16090.0000	0.2470	0.8207	1.9520	1.3870	3.1070
B55	-1836.4091	-9496.2524	615.2651	5.0760	-1.5720	-2.9150	12680.0000	0.2068	0.4076	2.4070	2.6870	2.7850
B56	-6575.0100	-6981.6565	587.0725	3.2260	-4.3490	-3.2340	13240.0000	0.2298	1.0850	1.9090	2.6830	2.5890
B57	-6531.1749	3022.8198	3097.7280	-3.9790	-6.2830	-0.5056	14930.0000	0.2822	1.4500	2.8130	1.4280	2.4120
B58	-4351.6835	-7429.2737	-1090.4570	4.2950	-2.1570	-4.4600	15080.0000	0.2681	0.7046	2.5490	1.3500	2.0710
B59	2099.4815	7018.1146	2377.8083	-6.9240	1.3560	2.3240	12960.0000	0.3298	0.6896	2.3470	2.9110	1.9490
B60	-7650.0166	-4828.6646	109.4930	1.3040	-3.6030	-5.0460	15560.0000	0.3016	0.8297	1.9170	1.7490	1.1350
B61	-4027.7839	3763.1228	6000.4167	-5.0300	-5.1680	0.1479	14490.0000	0.2677	0.8019	2.6880	1.1060	1.9260
B62	2944.6608	-7974.0658	-4629.1386	3.8430	3.3100	-3.3320	13710.0000	0.3768	0.9048	3.0710	2.1800	1.7810
B63	52.9346	5550.3424	4786.4309	-7.1830	-1.2510	2.4370	14300.0000	0.2005	1.5060	0.4557	2.5200	1.7600
B64	-916.8606	-10532.0880	-457.1999	5.5300	-0.5889	-1.8150	15090.0000	0.2563	0.6570	1.9620	0.8639	0.4014
B65	-5470.9754	-8771.9090	-3122.9933	4.9130	-2.3870	-2.0210	15830.0000	0.2803	1.4070	1.9500	2.5190	1.9570
B66	-4582.0624	-6475.6346	-2165.6790	4.1670	-1.8700	-5.1330	12440.0000	0.2107	1.1260	2.0540	1.1450	0.6045
B67	-4307.6869	4918.9024	3066.7796	-6.1250	-4.9090	-0.0360	16090.0000	0.2535	1.3130	2.9460	2.5330	0.1656
B68	-7529.2803	1181.9709	2908.4026	-1.6350	-6.9620	-0.5980	14720.0000	0.2446	1.3590	0.9238	0.9423	0.7407
B69	-1745.4361	-8660.0757	-1556.7140	4.9580	-0.6687	-3.8320	11410.0000	0.2211	1.0760	2.9100	1.8510	0.7052
B70	4442.8200	-8626.7292	-4090.7717	4.7010	3.2140	-1.7450	15310.0000	0.2937	1.0880	1.6190	2.1310	1.7960