

46+1 Solution for GTOC-4

generated by Jena University, Mathematical Optimizaton

start from Earth at MJD = 59183.242

end of mission at MJD = 62835.742

total duration = 10.0 years

dates of arrival rounded to full days; fuel and mass always rounded to full kg

1)	from Earth	to '2004JN1'	MJD=59267	fuel=13	mass=1487
2)	from '2004JN1'	to '2004UT1'	MJD=59313	fuel= 9	mass=1477
3)	from '2004UT1'	to '2005AU3'	MJD=59375	fuel=13	mass=1464
4)	from '2005AU3'	to '2006RJ7'	MJD=59439	fuel=18	mass=1446
5)	from '2006RJ7'	to '2006WB'	MJD=59515	fuel=19	mass=1428
6)	from '2006WB'	to '2008TP26'	MJD=59618	fuel=29	mass=1399
7)	from '2008TP26'	to '2005BG28'	MJD=59712	fuel=24	mass=1375
8)	from '2005BG28'	to '2005UQ'	MJD=59810	fuel=22	mass=1353
9)	from '2005UQ'	to '2000EM26'	MJD=59928	fuel=33	mass=1320
10)	from '2000EM26'	to '154276'	MJD=59989	fuel=14	mass=1306
11)	from '154276'	to '2007RU19'	MJD=60083	fuel=23	mass=1284
12)	from '2007RU19'	to '2005TM'	MJD=60123	fuel= 6	mass=1278
13)	from '2005TM'	to '2008GF1'	MJD=60181	fuel=11	mass=1267
14)	from '2008GF1'	to '2006WB30'	MJD=60259	fuel=23	mass=1244
15)	from '2006WB30'	to '1997US2'	MJD=60374	fuel=35	mass=1209
16)	from '1997US2'	to '2000LG6'	MJD=60445	fuel=25	mass=1184
17)	from '2000LG6'	to '2006TF'	MJD=60528	fuel=26	mass=1158
18)	from '2006TF'	to '2007YF'	MJD=60599	fuel=24	mass=1134
19)	from '2007YF'	to '2008JP24'	MJD=60655	fuel=17	mass=1117
20)	from '2008JP24'	to '2000AA6'	MJD=60740	fuel=25	mass=1092
21)	from '2000AA6'	to '2003UX34'	MJD=60792	fuel=19	mass=1072
22)	from '2003UX34'	to '2000PO30'	MJD=60855	fuel=23	mass=1049
23)	from '2000PO30'	to '2007EQ'	MJD=60969	fuel=28	mass=1021
24)	from '2007EQ'	to '2006YF13'	MJD=61030	fuel=11	mass=1010
25)	from '2006YF13'	to '2004RN111'	MJD=61119	fuel=20	mass= 990
26)	from '2004RN111'	to '2002UL11'	MJD=61209	fuel=19	mass= 971
27)	from '2002UL11'	to '2004FG11'	MJD=61264	fuel= 8	mass= 963
28)	from '2004FG11'	to '1997CD17'	MJD=61341	fuel=18	mass= 945
29)	from '1997CD17'	to '2004SA20'	MJD=61424	fuel=23	mass= 922
30)	from '2004SA20'	to '2002CY58'	MJD=61482	fuel=12	mass= 911
31)	from '2002CY58'	to '2008WK'	MJD=61547	fuel=17	mass= 894
32)	from '2008WK'	to '2003WR21'	MJD=61632	fuel=16	mass= 877
33)	from '2003WR21'	to '2006BC8'	MJD=61704	fuel=20	mass= 857
34)	from '2006BC8'	to '141484'	MJD=61784	fuel=26	mass= 831
35)	from '141484'	to '2007NS4'	MJD=61867	fuel=20	mass= 811
36)	from '2007NS4'	to '2004BW1'	MJD=61949	fuel=17	mass= 793
37)	from '2004BW1'	to '2007YM'	MJD=62024	fuel=15	mass= 778
38)	from '2007YM'	to '2008SW11'	MJD=62094	fuel=15	mass= 763
39)	from '2008SW11'	to '2002NW'	MJD=62166	fuel= 9	mass= 754
40)	from '2002NW'	to '2007US'	MJD=62253	fuel=11	mass= 743
41)	from '2007US'	to '2005JE46'	MJD=62341	fuel=24	mass= 719
42)	from '2005JE46'	to '1998DK36'	MJD=62405	fuel=15	mass= 705
43)	from '1998DK36'	to '1983LC'	MJD=62516	fuel=20	mass= 684
44)	from '1983LC'	to '2006QQ56'	MJD=62544	fuel= 3	mass= 681
45)	from '2006QQ56'	to '1995FF'	MJD=62608	fuel=20	mass= 660
46)	from '1995FF'	to '2003YG136'	MJD=62691	fuel=23	mass= 638
47)	from '2003YG136'	to '2003SW130'	MJD=62836	fuel=55	mass= 583