

Encke							
CA-130km	CA-130km	CA-130km			CA-100km	CA-130km	CA-130km
CI Resol.	CI FOV	8 km	Time	Time	Range	Range	CFI Resol.
(km/20 urad)	1.2 deg	Nucleus		(sec)	(km)	(km)	(km/43 urad)
	(km)	(CI pix)					
36.288	38000.7	0.22	-18 hr	-64800	1814400	1814400	78.02
24.192	25333.8	0.33	-12 hr	-43200	1209600	1209600	52.01
12.096	12666.9	0.66	-6 hr	-21600	604800	604800	26.01
10.080	10555.8	0.79	-5 hr	-18000	504000	504000	21.67
8.064	8444.6	0.99	-4 hr	-14400	403200	403200	17.34
6.048	6333.5	1.32	-3 hr	-10800	302400	302400	13.00
4.032	4222.3	1.98	-2 hr	-7200	201600	201600	8.67
2.016	2111.2	3.97	-1 hr	-3600	100800	100800	4.33
1.680	1759.3	4.76	-50m	-3000	84000	84000	3.61
1.344	1407.4	5.95	-40m	-2400	67200	67200	2.89
1.008	1055.6	7.94	-30m	-1800	50400	50400	2.17
0.672	703.7	11.90	-20m	-1200	33600	33600	1.44
0.336	351.9	23.81	-10m	-600	16800	16801	0.72
0.202	211.1	39.68	-6m	-360	10080	10081	0.43
0.168	176.0	47.61	-5m	-300	8401	8401	0.36
0.101	105.6	79.34	-3m	-180	5041	5042	0.22
0.078	82.1	101.98	-2m20	-140	3921	3922	0.17
0.067	70.4	118.96	-2m	-120	3361	3363	0.14
0.057	59.9	139.91	-1m42s	-102	2858	2859	0.12
0.038	40.0	209.60	-1m8s	-68	1907	1908	0.08
0.035	37.0	226.14	-1m3s	-63	1767	1769	0.08
0.034	35.3	237.39	-1m	-60	1683	1685	0.07
0.028	29.4	284.49	-50s	-50	1404	1406	0.06
0.023	23.6	354.76	-40s	-40	1124	1128	0.05
0.017	17.8	470.59	-30s	-30	846	850	0.04
0.013	13.2	635.36	-22s	-22	624	630	0.03
0.011	12.0	695.78	-20s	-20	569	575	0.02
0.010	10.9	768.50	-18s	-18	514	520	0.02
0.006	6.5	1295.73	-10s	-10	297	309	0.01
0.004	4.4	1883.03	-6s	-6	196	212	0.01
0.003	2.7	3076.92	-0s	0	100	130	0.01
0.004	4.4	1883.03	6s	6	196	212	0.01
0.006	6.5	1295.73	10s	10	297	309	0.01
0.011	12.0	695.78	20s	20	569	575	0.02
0.017	17.8	470.59	30s	30	846	850	0.04
0.023	23.6	354.76	40s	40	1124	1128	0.05
0.028	29.4	284.49	50s	50	1404	1406	0.06
0.034	35.3	237.39	1m	60	1683	1685	0.07
0.067	70.4	118.96	2m	120	3361	3363	0.14
0.101	105.6	79.34	3m	180	5041	5042	0.22
0.168	176.0	47.61	5m	300	8401	8401	0.36
0.336	351.9	23.81	10m	600	16800	16801	0.72
0.672	703.7	11.90	20m	1200	33600	33600	1.44
1.008	1055.6	7.94	30m	1800	50400	50400	2.17

Flyby speed = 28 km/s							
Approach Phase = 12							
CA distance = 100 km							
CA-130km	CA-100km	CA-100km	CA-130km	CA-130km	CA-160km	CA-160km	
CFI FOV	8 km	Angle to	Phase	Angle to	Phase	Angle to	Phase
2.5 deg	Nucleus	Nucleus	Angle	Nucleus	Angle	Nucleus	Angle
(km)	(CFI pix)						
79168.1	0.10	0.0	12.0	0.0	12.0	0.0	12.0
52778.8	0.15	0.0	12.0	0.0	12.0	0.0	12.0
26389.4	0.31	0.0	12.0	0.0	12.0	0.0	12.0
21991.1	0.37	0.0	12.0	0.0	12.0	0.0	12.0
17592.9	0.46	0.0	12.0	0.0	12.0	0.0	12.0
13194.7	0.62	0.0	12.0	0.0	12.0	0.0	12.0
8796.5	0.92	0.0	12.0	0.0	12.0	0.0	12.0
4398.2	1.85	0.1	11.9	0.1	11.9	0.1	11.9
3665.2	2.21	0.1	11.9	0.1	11.9	0.1	11.9
2932.2	2.77	0.1	11.9	0.1	11.9	0.1	11.9
2199.1	3.69	0.1	11.9	0.1	11.9	0.2	11.8
1466.1	5.54	0.2	11.8	0.2	11.8	0.3	11.7
733.1	11.07	0.3	11.7	0.4	11.6	0.5	11.5
439.9	18.46	0.6	11.4	0.7	11.3	0.9	11.1
366.6	22.15	0.7	11.3	0.9	11.1	1.1	10.9
220.0	36.90	1.1	10.9	1.5	10.5	1.8	10.2
171.1	47.43	1.5	10.5	1.9	10.1	2.3	9.7
146.7	55.33	1.7	10.3	2.2	9.8	2.7	9.3
124.7	65.07	2.0	10.0	2.6	9.4	3.2	8.8
83.3	97.49	3.0	9.0	3.9	8.1	4.8	7.2
77.2	105.18	3.2	8.8	4.2	7.8	5.2	6.8
73.5	110.41	3.4	8.6	4.4	7.6	5.4	6.6
61.3	132.32	4.1	7.9	5.3	6.7	6.5	5.5
49.2	165.01	5.1	6.9	6.6	5.4	8.1	3.9
37.1	218.88	6.8	5.2	8.8	3.2	10.8	1.2
27.5	295.51	9.2	2.8	11.9	0.1	14.6	2.6
25.1	323.62	10.1	1.9	13.1	1.1	15.9	3.9
22.7	357.44	11.2	0.8	14.5	2.5	17.6	5.6
13.5	602.66	19.7	7.7	24.9	12.9	29.7	17.7
9.3	875.83	30.8	18.8	37.7	25.7	43.6	31.6
5.7	1431.13	90.0	78.0	90.0	78.0	90.0	78.0
9.3	875.83	30.8	198.8	37.7	205.7	43.6	211.6
13.5	602.66	19.7	187.7	24.9	192.9	29.7	197.7
25.1	323.62	10.1	178.1	13.1	181.1	15.9	183.9
37.1	218.88	6.8	174.8	8.8	176.8	10.8	178.8
49.2	165.01	5.1	173.1	6.6	174.6	8.1	176.1
61.3	132.32	4.1	172.1	5.3	173.3	6.5	174.5
73.5	110.41	3.4	171.4	4.4	172.4	5.4	173.4
146.7	55.33	1.7	169.7	2.2	170.2	2.7	170.7
220.0	36.90	1.1	169.1	1.5	169.5	1.8	169.8
366.6	22.15	0.7	168.7	0.9	168.9	1.1	169.1
733.1	11.07	0.3	168.3	0.4	168.4	0.5	168.5
1466.1	5.54	0.2	168.2	0.2	168.2	0.3	168.3
2199.1	3.69	0.1	168.1	0.1	168.1	0.2	168.2