

Encke Plan - CFI								
Observation	Time	CFI	Total		Exp	Sum	Mbits	TOTAL
	from CA	Resolution	#Frames					Mbits
	(hrs)	(km/43urad)						
OPNAVs	-96	416102.0	10	1f	1	Full res	125.83	125.83
Coma (1x3 Mosaic)	-96		42	7f	2	4x4rebin	33.03	158.86
Playback	-96							
OPNAVs	-84	364090	10	1f	1	Full res	125.83	125.83
Coma	-84		14	7f	2	4x4rebin	11.01	136.84
Playback	-84							
OPNAVs	-72	312077	10	1f	1	Full res	125.83	125.83
Coma	-72		14	7f	2	4x4rebin	11.01	136.84
Playback	-72							
OPNAVs	-60	260064	10	1f	1	Full res	125.83	125.83
Coma	-60		14	7f	2	4x4rebin	11.01	136.84
Playback	-60							
OPNAVs	-48	208051	10	1f	1	Full res	125.83	125.83
Coma	-48		14	7f	2	4x4rebin	11.01	136.84
Playback	-48							
OPNAVs	-36	156038	10	1f	1	Full res	125.83	125.83
Coma	-36		14	7f	2	4x4rebin	11.01	136.84
Playback	-36							
OPNAVs	-24	104026	10	1f	1	Full res	125.83	262.67
Coma	-24		14	7f	2	4x4rebin	11.01	273.68
Playback	-24							
OPNAVs	-18	78019	10	1f	1	Full res	125.83	125.83
Coma (2x2 Mosaic)	-18		56	7f	2	4x4rebin	44.04	169.87
Nucleus	-18		14	7f	1	256x256	11.01	180.88
Playback	-18							
Coma	-16.8	72818	14	7f	2	4x4rebin	11.01	11.01
Nucleus	-16.8		7	7f	1	256x256	5.51	16.52
Coma	-15.6	67617	14	7f	2	4x4rebin	11.01	27.53
Nucleus	-15.6		7	7f	1	256x256	5.51	33.03

Note 1

Sheet1

Coma	-14.4	62415	14	7f	2	4x4rebin	11.01	44.04	
Nucleus	-14.4		7	7f	1	256x256	5.51	49.55	
Coma	-13.2	57214	14	7f	2	4x4rebin	11.01	60.56	
Nucleus	-13.2		7	7f	1	256x256	5.51	66.06	
OPNAVs	-12	52013	10	1f	1	Full res	125.83	191.89	
Coma	-12		14	7f	2	4x4rebin	11.01	202.90	
Nucleus	-12		7	7f	1	256x256	5.51	208.40	
Playback	-12								
Coma	-10.8	46811	14	7f	2	4x4rebin	11.01	11.01	
Nucleus	-10.8		7	7f	1	256x256	5.51	16.52	
Coma	-9.6	41610	14	7f	2	4x4rebin	11.01	27.53	
Nucleus	-9.6		7	7f	1	256x256	5.51	33.03	
Coma (2x2 Mosaic)	-9		56	7f	2	4x4rebin	44.04	77.07	
Coma	-8.4		14	7f	2	4x4rebin	8.65	85.72	
Nucleus	-8.4		7	7f	1	256x256	5.51	91.23	
Coma	-7.2	31208	14	7f	2	4x4rebin	11.01	102.24	
Nucleus	-7.2		7	7f	1	256x256	5.51	107.74	
Playback	-7.2								
Coma	-6	26006	14	7f	2	4x4rebin	11.01	11.01	
Nucleus	-6		14	7f	2	256x256	11.01	22.02	
Coma	-4.8		14	7f	2	4x4rebin	11.01	33.03	
Nucleus	-4.8		14	7f	2	256x256	11.01	44.04	
Coma	-4.2		14	7f	2	4x4rebin	11.01	55.05	
Nucleus	-4.2		14	7f	2	256x256	11.01	66.06	
Coma	-3.6		14	7f	2	4x4rebin	11.01	77.07	
Nucleus	-3.6		14	7f	2	256x256	11.01	88.08	
Coma	-3	13003	14	7f	2	4x4rebin	11.01	99.09	
Nucleus	-3		14	7f	2	256x256	11.01	110.10	
Coma	-2h45m		14	7f	2	4x4rebin	11.01	121.11	
Nucleus	-2:45		14	7f	2	256x256	11.01	132.12	
Coma	-2:30		14	7f	2	4x4rebin	11.01	143.13	
Nucleus	-2:30		14	7f	2	256x256	11.01	154.14	
Coma	-2:15		14	7f	2	4x4rebin	11.01	165.15	
Nucleus	-2:15		14	7f	2	256x256	11.01	176.16	
Coma	-2:00	8669	14	7f	2	4x4rebin	11.01	187.17	

Sheet1

Nucleus	-2:00		14	7f	2	256x256	11.01	198.18	
Coma	-1:45		14	7f	2	4x4rebin	11.01	209.19	
Nucleus	-1:45		14	7f	2	256x256	11.01	220.20	
Coma	-1:30		14	7f	2	4x4rebin	11.01	231.21	
Nucleus	-1:30		14	7f	2	256x256	11.01	242.22	
Coma	-1:15		14	7f	2	4x4rebin	11.01	253.23	
Nucleus	-1:15		14	7f	2	256x256	11.01	264.24	
Coma	-1:00	4334	14	7f	2	4x4rebin	11.01	275.25	
Nucleus	-1:00		14	7f	2	256x256	11.01	286.26	
Coma	-0:45		14	7f	2	4x4rebin	11.01	297.27	
Nucleus	-0:45		14	7f	2	256x256	11.01	308.28	
Coma	-0:30	2167	14	7f	2	4x4rebin	11.01	319.29	
Nucleus	-0:30		14	7f	2	256x256	11.01	330.30	Note 2
Coma	-0:20	1445	14	7f	2	4x4rebin	11.01	341.31	
Nucleus	-0:20		14	7f	2	512x512	44.04	385.35	
Coma	-0:15		14	7f	2	4x4rebin	11.01	396.36	
Nucleus	-0:15		14	7f	2	512x512	44.04	440.40	
Coma	-0:10	722	14	7f	2	4x4rebin	11.01	451.41	
Nucleus	-0:10		14	7f	2	full	176.16	627.57	
Coma	-0:07		14	7f	2	4x4rebin	11.01	638.58	
Nucleus	-0:07	506	14	7f	2	full	176.16	814.74	
Coma	-0:05	361	14	7f	2	4x4rebin	11.01	825.75	
Nucleus	-180s to -84s	217	28	7f	2	full	352.32	1178.08	Note 3
Nucleus	-84s to -70s	102 - 85	10	1f	2	full	125.83	1303.90	
Note about Opanavs and Playbacks:									
Currently the plan is to start taking opanavs at -10 days. The opanav acquisition frequency will probably not be decided until after launch, but I would assume there will be a playback after each Opanav.									
I would also assume that given the small data volume of a coma observation compared with an Opanav, that we will be allowed to perform a coma observation with each Opanav assuming it is safe to look at the comet.									
What is shown here is a wishlist. We won't know until next year if these observations will be allowed.									
The playback schedule inside 24 hours is also uncertain. We are hoping for a playback every 6 hours at least, with the last playback before closest approach occurring at about -6 hours. We hope to have a clean recorder at -5 hours.									

Note 1 - Filters									
Nucleus 1,2,3,4,5,6,9									
Coma 5,6,7,8,9,10,1									
These need to be done in this order, but can go either direction.									
Note 2									
Notice that If you include slewing time and the CRISP observations going on as well.									
this leaves little time for NGIMS pointing inside -20 minutes.									
Note 3									
Not really sure yet how close in we can run the CFI data before kickoff of the CRISP encounter macros.									
Certainly not later than -70 seconds, but might need to terminate earlier.									
Will know more as we go through the process of planning the first simulation.									