

INS Master Schedule FY06A

Wed 5/23/07

ID	WBS	Task Name	Duration	Start	Finish	% Comp	Qtr 3, 2006				Qtr 4, 2006			Qtr 1, 2007			Qtr 2, 2007		Qtr 3, 2007				Qtr 4, 2007			
							Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1		HST, STScI Milestones	671 days	Wed 10/5/05	Thu 5/1/08	49%	[Gantt bar with red diamonds and a vertical green line]																			
2		Cy15 CP	0 days	Wed 10/5/05	Wed 10/5/05	100%																				
3		Cy15 APT Phase I Release	0 days	Thu 12/15/05	Thu 12/15/05	100%																				
4		Cy15 Phase I Deadline	0 days	Fri 1/27/06	Fri 1/27/06	100%																				
5		Cy15 APT Phase II Release	0 days	Wed 4/5/06	Wed 4/5/06	100%																				
6		Cy15 Phase II Deadline	0 days	Fri 5/12/06	Fri 5/12/06	100%																				
7		Cy16 Phase I Documentation Release	0 days	Fri 10/6/06	Fri 10/6/06	100%																				
8		Cy16 CP Announcement	0 days	Fri 10/13/06	Fri 10/13/06	100%																				
9		Cy16 APT Phase I Release	0 days	Fri 12/15/06	Fri 12/15/06	100%																				
10		COS Thermal Vac	48 days	Sat 10/7/06	Wed 12/13/06	100%																				
11		COS TV Science Cal	21 days	Mon 11/13/06	Mon 12/11/06	100%																				
12		WFC3 Thermal Vac -- UVIS	42 days	Fri 3/30/07	Mon 5/28/07	0%																				
13		WFC3 Thermal Vac -- IR	21 days	Mon 8/27/07	Mon 9/24/07	0%																				
14		SMOV Project Review	0 days	Tue 1/30/07	Tue 1/30/07	0%																				
15		Cy16 Phase I Deadline	0 days	Fri 2/9/07	Fri 2/9/07	0%																				
16		Cy16 TAC/Panel Meetings	5 days	Mon 3/19/07	Fri 3/23/07	0%																				
17		COS SMGT	2 days	Thu 3/29/07	Fri 3/30/07	0%																				
18		Final CalCOS SMGT Run	0 days	Fri 8/31/07	Fri 8/31/07	0%																				
19		Cy16 APT Phase II Release	0 days	Mon 4/2/07	Mon 4/2/07	0%																				
20		Cy16 Phase II Deadline	0 days	Tue 5/15/07	Tue 5/15/07	0%																				
21		WFC3 SMGT	1 day	Wed 10/17/07	Wed 10/17/07	0%																				
22		Final SMOV Plan	0 days	Fri 6/15/07	Fri 6/15/07	0%																				
23		System Compatibility Test	0 days	Fri 7/13/07	Fri 7/13/07	0%																				
24		SM4 Launch	0 days	Thu 5/1/08	Thu 5/1/08	0%																				

Date is TBR

INS Master Schedule FY06A

Wed 5/23/07

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							Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
25	1.0	ACS	352 days	Mon 8/29/05	Tue 1/2/07	41%																						
26	1.1	ACS - ASCS Study (Sirianni)	352 days	Mon 8/29/05	Tue 1/2/07	45%																						
27	1.1.1	Collect and Analyze Observational Data	88 days	Mon 8/29/05	Wed 12/28/05	100%																						
28	1.1.1.1	Plan Observations	9 days	Mon 8/29/05	Thu 9/8/05	100%																						
29	1.1.1.2	Develop and Write Proposal	10 days	Fri 9/9/05	Thu 9/22/05	100%																						
30	1.1.1.3	Develop and Deliver Special Commanding	20 days	Fri 9/23/05	Thu 10/20/05	100%																						
31	1.1.1.4	Execute Observations	7 days	Mon 11/21/05	Tue 11/29/05	100%																						
32	1.1.1.5	Reduce Observations	5 days	Wed 11/30/05	Tue 12/6/05	100%																						
33	1.1.1.6	Analyze Observations	16 days	Wed 12/7/05	Wed 12/28/05	100%																						
34	1.1.2	Write ISR(s)	264 days	Thu 12/29/05	Tue 1/2/07	31%																						
35	1.1.2.1	Write Draft(s)	244 days	Thu 12/29/05	Tue 12/5/06	33%																						
36	1.1.2.2	Review Draft(s)	10 days	Wed 12/6/06	Tue 12/19/06	0%																						
37	1.1.2.3	Update Draft(s)	10 days	Wed 12/20/06	Tue 1/2/07	0%																						
38	1.1.2.4	Deliver ISR(s) to HST Project	0 days	Tue 1/2/07	Tue 1/2/07	0%																						
39	1.2	One-Gyro Support (Sembach)	30 days	Tue 10/3/06	Mon 11/13/06	0%																						
40		Not coming until next year, if at all	30 days	Tue 10/3/06	Mon 11/13/06	0%																						
41	2.0	Cal Planning	150 days	Mon 2/13/06	Fri 9/8/06	90%																						
42	2.1	Calibration Outsource Proposal Review (Spark)	25 days	Mon 2/13/06	Mon 3/20/06	100%																						
48	2.2	Calibration Plan Development (Sparks)	95 days	Mon 5/1/06	Fri 9/8/06	88%																						
49	2.2.1	Identify SI Cal Leads	10 days	Mon 5/1/06	Fri 5/12/06	100%																						
50	2.2.2	Develop Calibration Plans	40 days	Mon 5/15/06	Fri 7/7/06	100%																						
51	2.2.2.1	Analyze GO Proposals	20 days	Mon 5/15/06	Fri 6/9/06	100%																						
52	2.2.2.2	Assess General Calibration State	20 days	Mon 5/15/06	Fri 6/9/06	100%																						
53	2.2.2.3	Develop Calibration Plans	20 days	Mon 6/12/06	Fri 7/7/06	100%																						
54	2.2.3	Share with STUC	10 days	Mon 7/10/06	Fri 7/21/06	100%																						
55	2.2.4	STScI Approval	15 days	Mon 7/10/06	Fri 7/28/06	100%																						
56	2.2.4.1	Develop Presentations	10 days	Mon 7/10/06	Fri 7/21/06	100%																						
57	2.2.4.2	Present to STScI Management	0 days	Fri 7/21/06	Fri 7/21/06	100%																						
58	2.2.4.3	STScI Management Approval	5 days	Mon 7/24/06	Fri 7/28/06	100%																						
59	2.2.5	Develop Calibration Proposals	30 days	Mon 7/31/06	Fri 9/8/06	50%																						

No Update Received

INS Master Schedule FY06A

Wed 5/23/07

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							Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
60	3.0	COS	878 days?	Thu 9/1/05	Mon 1/12/09	50%																				
61	3.1	COS ETCs (Friedman)	459 days?	Thu 9/1/05	Tue 6/5/07	51%																				
62	3.1.2	Regression Test Development	19 days	Tue 8/8/06	Fri 9/1/06	100%																				
63	3.1.2.1	COS Regression Tests Defined	0 days	Fri 8/18/06	Fri 8/18/06	100%																				
64	3.1.2.2	COS Regression Tests Integration/Baseline	19 days	Tue 8/8/06	Fri 9/1/06	100%																				
65	3.1.3	Spectral ETC Software Development	402 days	Thu 9/1/05	Fri 3/16/07	46%																				
66	3.1.3.1	Provide Initial COS SYNPHOT files	0 days	Tue 2/28/06	Tue 2/28/06	100%																				
67	3.1.3.2	Input Spectrum Plot	387 days	Thu 9/1/05	Fri 2/23/07	13%																				
68	3.1.3.3	Generic COS Features	191 days	Wed 1/25/06	Wed 10/18/06	100%																				
69	3.1.3.4	Buffer Time	5 days	Thu 10/19/06	Wed 10/25/06	100%																				
70	3.1.3.5	Effective Area	39 days	Mon 12/25/06	Thu 2/15/07	90%																				
71	3.1.3.6	Output S/N @ Multiple Times	140 days	Mon 9/4/06	Fri 3/16/07	50%																				
72	3.1.4	Spect Acquisition ETC Software Development	175 days	Fri 6/16/06	Thu 2/15/07	92%																				
73	3.1.4.1	COS Regression Tests Defined	10 days	Mon 9/18/06	Fri 9/29/06	100%																				
74	3.1.4.2	Final COS Acquisition/Imaging Mode Requirements	22 days	Fri 6/16/06	Mon 7/17/06	100%																				
75	3.1.4.3	COS Acquisition Mode Support	154 days	Mon 7/17/06	Thu 2/15/07	90%																				
76	3.1.7	Spectroscopic & Acquisition Mode Testing	54 days	Tue 1/16/07	Fri 3/30/07	24%																				
77	3.1.7.1	COS Acceptance Testing/Fix Period	44 days	Tue 1/16/07	Fri 3/16/07	30%																				
78	3.1.7.2	Test Report ISR	10 days	Mon 3/19/07	Fri 3/30/07	0%																				
79	3.1.7.3	ETC Delivery	0 days	Fri 3/16/07	Fri 3/16/07	0%																				
80	3.1.10	G230L Development	76 days	Fri 12/1/06	Fri 3/16/07	42%																				
81	3.1.10.3	Synphot G230L Files	12 days	Fri 12/1/06	Mon 12/18/06	100%																				
82	3.1.10.1	Software Implementation	40 days	Mon 1/22/07	Fri 3/16/07	25%																				
83	3.1.8	Imaging ETC Software Development	57 days?	Mon 1/1/07	Tue 3/20/07	34%																				
84	3.1.8.1	Imaging Mode Requirements	12 days	Mon 1/1/07	Tue 1/16/07	100%																				
85	3.1.8.2	COS Imaging Mode Support	23 days?	Fri 2/16/07	Tue 3/20/07	0%																				
86	3.1.6	Image Mode Testing	45 days	Wed 4/4/07	Tue 6/5/07	0%																				
87	3.1.6.1	COS Acceptance Testing/Fix Period	45 days	Wed 4/4/07	Tue 6/5/07	0%																				
88	3.1.5	Documentation	10 days	Wed 3/21/07	Tue 4/3/07	0%																				
89	3.1.5.1	COS User Manual Draft	5 days	Wed 3/21/07	Tue 3/27/07	0%																				
90	3.1.5.2	COS User Manual Review/Update	5 days	Wed 3/28/07	Tue 4/3/07	0%																				
91	3.1.9	Provide Final COS Synphot files	0 days	Mon 4/2/07	Mon 4/2/07	0%																				
92	3.9	Prepare Synphot Graph Table (Friedman)	10 days	Mon 11/27/06	Fri 12/8/06	100%																				
93	3.2	APT/Bright Object Tool Updates (Friedman)	391 days	Mon 10/3/05	Mon 4/2/07	89%																				
94	3.2.1	System Requirements Analysis	32 days	Mon 10/3/05	Tue 11/15/05	100%																				
95	3.2.1.1	Develop Requirements	32 days	Mon 10/3/05	Tue 11/15/05	100%																				
96	3.2.2	Software Development	252 days	Wed 11/30/05	Thu 11/16/06	100%																				
97	3.2.2.1	APT File Input	50 days	Wed 11/30/05	Tue 2/7/06	100%																				
98	3.2.2.2	Implement COS/GALEX Support	176 days	Wed 2/8/06	Wed 10/11/06	100%																				
99	3.2.2.3	Test/Fix COS/GALEX Support	25 days	Fri 10/13/06	Thu 11/16/06	100%																				
100	3.2.2.4	Display in APT	66.2 days	Fri 5/19/06	Mon 8/21/06	100%																				
101	3.2.2.5	COS/GALEX Conversions	59 days	Mon 6/19/06	Thu 9/7/06	100%																				
102	3.2.3	INS Software Testing	82 days	Fri 11/17/06	Mon 3/12/07	91%																				
103	3.2.3.1	Test COS Support	82 days	Fri 11/17/06	Mon 3/12/07	90%																				
104	3.2.3.2	Display in APT	10 days	Wed 12/13/06	Wed 12/27/06	100%																				
105	3.2.6	COS Dual Aperture Support	45 days	Tue 1/2/07	Mon 3/5/07	92%																				
106	3.2.6.1	Refine Requirements	10 days	Tue 1/2/07	Mon 1/15/07	100%																				
107	3.2.6.2	Implement Dual Aperture Support	20 days	Tue 1/16/07	Mon 2/12/07	100%																				
108	3.2.6.3	Test/Fix Dual Aperture Support	15 days	Tue 2/13/07	Mon 3/5/07	75%																				

GALEX not included in APT 16.2

INS Master Schedule FY06A

Wed 5/23/07

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							Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
109	3.2.7	GALEX Cross Matching	45 days	Tue 1/2/07	Mon 3/5/07	50%	GALEX work has been deferred (3/9/07)																			
110	3.2.7.1	Refine Requirements	10 days	Tue 1/2/07	Mon 1/15/07	50%	SFriedman,RDownes,ARogers																			
111	3.2.7.2	Implement GALEX Cross Matching	20 days	Tue 1/16/07	Mon 2/12/07	50%	ARogers																			
112	3.2.7.3	Test/Fix GALEX Cross Matching	15 days	Tue 2/13/07	Mon 3/5/07	50%	SFriedman,RDownes																			
113	3.2.8	Table Ingest from ETC	5 days	Mon 3/19/07	Fri 3/23/07	0%	ETC Table Ingest is too late; need to coordinate with the ETC project to resolve.																			
114	3.2.8.1	Receive and Ingest Tables	5 days	Mon 3/19/07	Fri 3/23/07	0%	ARogers																			
115	3.2.8.2	Test Tables	5 days	Mon 3/19/07	Fri 3/23/07	0%	SFriedman,RDownes																			
116	3.2.9	INS Software Testing	5 days	Mon 3/26/07	Fri 3/30/07	0%	SFriedman																			
117	3.2.9.1	Test COS Support	5 days	Mon 3/26/07	Fri 3/30/07	0%	SFriedman																			
118	3.2.10	APT Bright Object Tool Release, 16.2	0 days	Mon 4/2/07	Mon 4/2/07	0%	ARogers,M Bertsch																			
119	3.2.5	Integrate Tool Into Instr Sci Toolbox	20 days	Tue 3/6/07	Mon 4/2/07	0%	ARogers,M Bertsch																			
120	3.3	COS Tag Flash Mode (Keyes)	354 days	Mon 10/3/05	Thu 2/8/07	93%	[Gantt bar from 10/3/05 to 2/8/07]																			
121	3.3.1	System Requirements Analysis	54 days	Mon 10/3/05	Thu 12/15/05	100%	[Gantt bar from 10/3/05 to 12/15/05]																			
122	3.3.1.1	Develop Requirements	50 days	Mon 10/3/05	Fri 12/9/05	100%	[Gantt bar from 10/3/05 to 12/9/05]																			
123	3.3.1.2	Develop Architecture	10 days	Mon 11/28/05	Fri 12/9/05	100%	[Gantt bar from 11/28/05 to 12/9/05]																			
124	3.3.1.3	Requirements Review	0 days	Thu 12/15/05	Thu 12/15/05	100%	[Gantt bar from 12/15/05 to 12/15/05]																			
125	3.3.2	Scope Work & Develop Schedule	21 days	Fri 12/16/05	Fri 1/13/06	100%	[Gantt bar from 12/16/05 to 1/13/06]																			
126	3.3.3	Software Development	249 days	Mon 1/16/06	Thu 12/28/06	100%	[Gantt bar from 1/16/06 to 12/28/06]																			
127	3.3.3.1	Proposal Instructions Updates	30 days	Mon 1/16/06	Fri 2/24/06	100%	[Gantt bar from 1/16/06 to 2/24/06]																			
128	3.3.3.2	Preprocessor Updates	19 days	Tue 2/28/06	Fri 3/24/06	100%	[Gantt bar from 2/28/06 to 3/24/06]																			
129	3.3.3.3	APT Updates	9 days	Tue 2/21/06	Fri 3/3/06	100%	[Gantt bar from 2/21/06 to 3/3/06]																			
130	3.3.3.4	SCIOPSDB Updates	10 days	Mon 2/27/06	Fri 3/10/06	100%	[Gantt bar from 2/27/06 to 3/10/06]																			
131	3.3.3.5	Trans Updates	10 days	Mon 3/6/06	Fri 3/17/06	100%	[Gantt bar from 3/6/06 to 3/17/06]																			
132	3.3.3.6	PDB Updates	6 days	Mon 3/20/06	Mon 3/27/06	100%	[Gantt bar from 3/20/06 to 3/27/06]																			
133	3.3.3.7	SCS Updates	35 days	Mon 3/27/06	Fri 5/12/06	100%	[Gantt bar from 3/27/06 to 5/12/06]																			
134	3.3.3.11	SCS Rework	45 days	Mon 7/3/06	Fri 9/1/06	100%	[Gantt bar from 7/3/06 to 9/1/06]																			
135	3.3.3.8	Commanding Updates	36 days	Mon 5/15/06	Mon 5/15/06	100%	[Gantt bar from 5/15/06 to 5/15/06]																			
136	3.3.3.9	SRT Updates	10 days	Mon 4/24/06	Fri 5/5/06	100%	[Gantt bar from 4/24/06 to 5/5/06]																			
137	3.3.3.10	CalCOS Pipeline	64 days	Mon 10/2/06	Thu 12/28/06	100%	[Gantt bar from 10/2/06 to 12/28/06]																			
138	3.3.4	Software Testing	234 days	Mon 3/20/06	Thu 2/8/07	69%	[Gantt bar from 3/20/06 to 2/8/07]																			
139	3.3.4.1	Proposal & Planning Systems	7 days	Tue 3/21/06	Wed 3/29/06	100%	[Gantt bar from 3/21/06 to 3/29/06]																			
140	3.3.4.2	Bit Validation	46 days	Mon 3/20/06	Mon 5/22/06	100%	[Gantt bar from 3/20/06 to 5/22/06]																			
141	3.3.4.3	Certification SMSs	14 days	Tue 5/16/06	Fri 6/2/06	100%	[Gantt bar from 5/16/06 to 6/2/06]																			
142	3.3.4.4	CalCOS Pipeline	30 days	Fri 12/29/06	Thu 2/8/07	0%	[Gantt bar from 12/29/06 to 2/8/07]																			
143	3.3.5	Software Deliveries	236 days	Wed 3/15/06	Thu 2/8/07	0%	[Gantt bar from 3/15/06 to 2/8/07]																			
144	3.3.5.1	Proposal Instructions	0 days	Mon 10/2/06	Mon 10/2/06	100%	[Gantt bar from 10/2/06 to 10/2/06]																			
145	3.3.5.2	Preprocessor	0 days	Wed 4/5/06	Wed 4/5/06	100%	[Gantt bar from 4/5/06 to 4/5/06]																			
146	3.3.5.3	APT	0 days	Wed 4/5/06	Wed 4/5/06	100%	[Gantt bar from 4/5/06 to 4/5/06]																			
147	3.3.5.4	SCIOPSDB	0 days	Wed 3/15/06	Wed 3/15/06	100%	[Gantt bar from 3/15/06 to 3/15/06]																			
148	3.3.5.5	TRANS	0 days	Thu 5/11/06	Thu 5/11/06	100%	[Gantt bar from 5/11/06 to 5/11/06]																			
149	3.3.5.6	PDB	0 days	Wed 7/5/06	Wed 7/5/06	100%	[Gantt bar from 7/5/06 to 7/5/06]																			
150	3.3.5.7	SCS	0 days	Wed 10/11/06	Wed 10/11/06	100%	[Gantt bar from 10/11/06 to 10/11/06]																			
151	3.3.5.8	Commanding	0 days	Mon 10/2/06	Mon 10/2/06	100%	[Gantt bar from 10/2/06 to 10/2/06]																			
152	3.3.5.9	SRT	0 days	Tue 8/8/06	Tue 8/8/06	100%	[Gantt bar from 8/8/06 to 8/8/06]																			
153	3.3.5.10	CalCOS	0 days	Thu 2/8/07	Thu 2/8/07	0%	[Gantt bar from 2/8/07 to 2/8/07]																			
154	3.3.6	COS Tag Flash Mode Work Completed	0 days	Thu 2/8/07	Thu 2/8/07	0%	[Gantt bar from 2/8/07 to 2/8/07]																			
155	3.9	TagFlash TV Testing (Keyes)	162 days	Wed 7/12/06	Thu 2/22/07	48%	[Gantt bar from 7/12/06 to 2/22/07]																			
156	3.9.1	Define Requirements	10 days	Wed 7/12/06	Tue 7/25/06	100%	[Gantt bar from 7/12/06 to 7/25/06]																			
157	3.9.2	Prepare Proposal Inputs	10 days	Wed 7/26/06	Tue 8/8/06	100%	[Gantt bar from 7/26/06 to 8/8/06]																			
158	3.9.3	Generate SMS and Related Products	5 days	Mon 10/16/06	Fri 10/20/06	100%	[Gantt bar from 10/16/06 to 10/20/06]																			
159	3.9.4	Execute SMS on SITS	5 days	Mon 10/23/06	Fri 10/27/06	100%	[Gantt bar from 10/23/06 to 10/27/06]																			

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							Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
285	5.0	MultiDrizzle	593 days?	Thu 12/1/05	Mon 3/10/08	31%																			
286	5.1	Improved Distortion Correction (Koekemoer)	262.3 days	Wed 2/1/06	Fri 2/2/07	99%																			
287	5.1.1	Accuracy Characterization	85 days	Wed 2/1/06	Tue 5/30/06	100%	RGilliland, VPlatais, AKoekemoer																		
288	5.1.2	Decision	0 days	Tue 5/30/06	Tue 5/30/06	100%																			
289	5.1.3	S/W Improvement	64 days	Wed 5/31/06	Mon 8/28/06	100%	WHack, NDencheva																		
290	5.1.4	S/W Test/Validation	61 days	Thu 7/6/06	Fri 9/29/06	100%	NDencheva																		
291	5.1.5	S/W Delivery	0 days	Fri 9/29/06	Fri 9/29/06	100%																			
292	5.1.6	Data Handbook Update	0 days	Fri 2/2/07	Fri 2/2/07	0%																			
293	5.2	Median Combination Improvements (Koekemoer)	382 days	Thu 12/1/05	Fri 5/18/07	0%																			
294	5.2.1	S/W Development	362 days	Thu 12/1/05	Fri 4/20/07	0%	DGrumm, R.Jedrzejewski																		
295	5.2.2	S/W Test	20 days	Mon 4/23/07	Fri 5/18/07	0%																			
296	5.2.3	S/W Delivery	0 days	Fri 5/18/07	Fri 5/18/07	0%																			
297	5.2.4	Data Handbook Update	0 days	Fri 5/18/07	Fri 5/18/07	0%																			
298	5.3	Moving Target Capability (Koekemoer)	266 days	Mon 5/1/06	Mon 5/7/07	46%																			
299	5.3.1	S/W Development	222 days	Mon 5/1/06	Tue 3/6/07	55%	NDencheva[80%]																		
300	5.3.2	S/W Testing	44 days	Wed 3/7/07	Mon 5/7/07	0%																			
301	5.3.3	S/W Delivery	0 days	Mon 5/7/07	Mon 5/7/07	0%	No Update Received																		
302	5.3.4	Data Handbook Update	0 days	Mon 5/7/07	Mon 5/7/07	0%	NDencheva[80%]																		
303	5.4	NICMOS Capability Validation (Koekemoer)	374 days	Wed 2/1/06	Mon 7/9/07	46%	ived																		
304	5.4.1	Community Feedback/Characterization	108 days	Wed 2/1/06	Fri 6/30/06	100%																			
305	5.4.2	Define S/W Development Scope	65 days	Mon 7/3/06	Fri 9/29/06	100%																			
306	5.4.3	S/W Development	157 days	Mon 10/2/06	Tue 5/8/07	0%	DGrumm, R.Jedrzejewski																		
307	5.4.4	S/W Test	44 days	Wed 5/9/07	Mon 7/9/07	0%																			
308	5.5.5	S/W Delivery	0 days	Mon 7/9/07	Mon 7/9/07	0%	No Update Received																		
309	5.5	STIS Spectral MultiDrizzle Implementation (Goudfrooij, Koekemoer)	397 days?	Fri 9/1/06	Mon 3/10/08	0%	DGrumm																		
310	5.5.1	Spectral IDCTAB Definition	21 days	Fri 9/1/06	Fri 9/29/06	0%	PGoudfrooij																		
311	5.5.2	Requirements Development	90 days	Mon 10/2/06	Fri 2/2/07	0%	Should this move to the STIS section? (10/2/06)																		
312	5.5.3	S/W Development	130 days?	Mon 2/5/07	Fri 8/3/07	0%																			
313	5.5.4	Qualification Testing	63 days	Mon 8/6/07	Wed 10/31/07	0%																			
314	5.5.5	S/W Rework	50 days?	Thu 11/1/07	Wed 1/9/08	0%																			
315	5.5.6	Acceptance Testing	43 days?	Thu 1/10/08	Mon 3/10/08	0%	Should this be done as part of HLA?																		
316	5.5.7	S/W Delivery	0 days	Mon 3/10/08	Mon 3/10/08	0%																			
317	5.5.8	Data Handbook Update	0 days?	Mon 3/10/08	Mon 3/10/08	0%																			

INS Master Schedule FY06A

Wed 5/23/07

ID	WBS	Task Name	Duration	Start	Finish	% Comp	Qtr 3, 2006				Qtr 4, 2006				Qtr 1, 2007			Qtr 2, 2007		Qtr 3, 2007				Qtr 4, 2007		
							Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
318	6.0	Tweakshift	539 days?	Mon 2/20/06	Thu 3/13/08	15%																				
319	6.1	WCS Functionality (Koekemoer)	398 days?	Mon 2/20/06	Wed 8/29/07	10%																				
320	6.1.1	Requirements Development	30 days	Mon 2/20/06	Fri 3/31/06	100%																				
321	6.1.2	S/W Development	283 days	Mon 5/1/06	Wed 5/30/07	3%																				
322	6.1.3	Qualification Testing	21 days	Thu 5/31/07	Thu 6/28/07	0%																				
323	6.1.4	S/W Rework	23 days	Fri 6/29/07	Tue 7/31/07	0%																				
324	6.1.5	Acceptance Testing	21 days	Wed 8/1/07	Wed 8/29/07	0%																				
325	6.1.6	S/W Delivery	0 days	Wed 8/29/07	Wed 8/29/07	0%																				
326	6.1.7	Data Handbook Update	0 days?	Wed 8/29/07	Wed 8/29/07	0%																				
327	6.2	Robust Shift Determination (Koekemoer)	464 days?	Mon 2/20/06	Thu 11/29/07	45%																				
328	6.2.1	Community Feedback/Identify Improvements	90 days	Mon 2/20/06	Fri 6/23/06	100%																				
329	6.2.2	S/W Development	66 days	Fri 6/29/07	Fri 9/28/07	0%																				
330	6.2.3	S/W Test	44 days	Mon 10/1/07	Thu 11/29/07	0%																				
331	6.2.4	S/W Delivery	0 days	Thu 11/29/07	Thu 11/29/07	0%																				
332	6.2.5	Data Handbook Update	0 days?	Thu 11/29/07	Thu 11/29/07	0%																				
333	6.3	New Shift Algorithm (Koekemoer)	249 days	Mon 4/2/07	Thu 3/13/08	0%																				
334	6.3.1	Algorithm Development	67 days	Mon 4/2/07	Tue 7/3/07	0%																				
335	6.3.2	S/W Development	66 days	Wed 7/4/07	Wed 10/3/07	0%																				
336	6.3.3	Qualification Testing	44 days	Thu 10/4/07	Tue 12/4/07	0%																				
337	6.3.4	S/W Rework	50 days	Wed 12/5/07	Tue 2/12/08	0%																				
338	6.3.5	Acceptance Testing	22 days	Wed 2/13/08	Thu 3/13/08	0%																				
339	6.3.6	S/W Delivery	0 days	Thu 3/13/08	Thu 3/13/08	0%																				

INS Master Schedule FY06A

Wed 5/23/07

ID	WBS	Task Name	Duration	Start	Finish	% Comp	Qtr 3, 2006				Qtr 4, 2006			Qtr 1, 2007			Qtr 2, 2007		Qtr 3, 2007				Qtr 4, 2007			
							Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
340	7.0	NICMOS	974 days?	Thu 6/9/05	Tue 3/3/09	51%																				
341	7.1	SAA Clean (Koekemoer)	277 days	Thu 6/9/05	Fri 6/30/06	100%																				
342	7.1.1	Initial algorithm and prototype development	60 days	Thu 6/9/05	Wed 8/31/05	100%																				
343	7.1.2	Test initial Pyraf/STSDAS implementation	43 days	Thu 9/1/05	Mon 10/31/05	100%																				
344	7.1.3	Freeze initial Pyraf/STSDAS implementation	0 days	Tue 11/1/05	Tue 11/1/05	100%																				
345	7.1.4	Algorithmic refinement & testing	46 days	Tue 11/1/05	Tue 1/3/06	100%																				
346	7.1.5	Prepare revised version for Pyraf/Pipeline	69 days	Tue 11/1/05	Fri 2/3/06	100%																				
347	7.1.6	Test new Pyraf/Pipeline implementation	19 days	Wed 2/1/06	Mon 2/27/06	100%																				
348	7.1.7	Freeze Pyraf/Pipeline implementation	0 days	Mon 3/6/06	Mon 3/6/06	100%																				
349	7.1.8	OPUS Interface Code Development	31 days	Mon 3/6/06	Mon 4/17/06	100%																				
350	7.1.9	OPUS Testing	10 days	Tue 4/18/06	Mon 5/1/06	100%																				
351	7.1.10	Decision on Inclusion in OPUS 2006.4	0 days	Mon 5/1/06	Mon 5/1/06	100%																				
352	7.1.11	SW Rework	44 days	Tue 5/2/06	Fri 6/30/06	100%																				
353	7.1.12	SW Testing	44 days	Tue 5/2/06	Fri 6/30/06	100%																				
354	7.1.13	Decision on Inclusion in OPUS 2006.5	0 days	Fri 6/30/06	Fri 6/30/06	100%																				
355	7.2	Staypuft (Koekemoer)	445.2 days	Mon 9/19/05	Mon 6/4/07	60%																				
356	7.2.1	Initial algorithm and prototype development	30 days	Mon 9/19/05	Fri 10/28/05	100%																				
357	7.2.2	Incorporate prototype into Pyraf/STSDAS	34 days	Mon 10/31/05	Thu 12/15/05	100%																				
358	7.2.3	Test initial Pyraf/STSDAS implementation	194.2 days	Mon 1/2/06	Fri 9/29/06	100%																				
359	7.2.4	Freeze initial Pyraf/STSDAS implementation	0 days	Fri 9/29/06	Fri 9/29/06	0%																				
360	7.2.5	Algorithmic refinement & testing	21 days	Wed 10/4/06	Thu 11/2/06	0%																				
361	7.2.6	Prepare revised version for Pyraf/Pipeline (TBD)	44 days	Thu 11/2/06	Wed 1/3/07	0%																				
362	7.2.7	Test new Pyraf/Pipeline implementation (TBD)	20 days	Wed 1/3/07	Wed 1/31/07	0%																				
363	7.2.8	Pyraf/Pipeline Rework	44 days	Wed 1/31/07	Tue 4/3/07	0%																				
364	7.2.9	Pyraf/Pipeline Retesting	44 days	Tue 4/3/07	Mon 6/4/07	0%																				
365	7.2.8	Freeze Pyraf/Pipeline implementation (TBD)	0 days	Mon 6/4/07	Mon 6/4/07	0%																				
366	7.3	Temperature from Bias (Bergeron)	657 days	Mon 8/1/05	Tue 2/5/08	52%																				
367	7.3.1	Initial algorithmic research & development	393 days	Mon 8/1/05	Wed 1/31/07	90%																				
368	7.3.2	Incorporate algorithm into Pyraf/STSDAS (TBD)	42 days	Thu 2/1/07	Fri 3/30/07	0%																				
369	7.3.3	Test initial Pyraf/STSDAS implementation	43 days	Wed 4/4/07	Fri 6/1/07	0%																				
370	7.3.4	Freeze initial Pyraf/STSDAS implementation	0 days	Fri 6/1/07	Fri 6/1/07	0%																				
371	7.3.5	Algorithmic refinement & testing (TBD)	45 days	Mon 6/4/07	Fri 8/3/07	0%																				
372	7.3.6	Prepare revised version for Pyraf/Pipeline (TBD)	43 days	Thu 7/5/07	Mon 9/3/07	0%																				
373	7.3.7	Test new Pyraf/Pipeline implementation	23 days	Tue 9/4/07	Thu 10/4/07	0%																				
374	7.3.8	Pyraf/Pipeline Rework	44 days	Fri 10/5/07	Wed 12/5/07	0%																				
375	7.3.9	Pyraf/Pipeline Retesting	44 days	Thu 12/6/07	Tue 2/5/08	0%																				
376	7.3.8	Freeze Pyraf/Pipeline implementation	0 days	Tue 2/5/08	Tue 2/5/08	0%																				
377	7.4	Bohlin Effect (deJong, Bergeron, Koekemoer)	565 days	Mon 10/3/05	Fri 11/30/07	49%																				
378	7.4.1	Initial algorithmic research & development	149 days	Mon 10/3/05	Thu 4/27/06	100%																				
379	7.4.2	Incorporate algorithm into Pyraf/STSDAS	66 days	Fri 9/29/06	Fri 12/29/06	100%																				
380	7.4.3	Test initial Pyraf/STSDAS implementation	45 days	Mon 1/29/07	Fri 3/30/07	0%																				
381	7.4.4	Freeze initial Pyraf/STSDAS implementation	0 days	Fri 3/30/07	Fri 3/30/07	0%																				
382	7.4.5	Algorithmic refinement & testing (TBD)	22 days	Wed 5/2/07	Thu 5/31/07	0%																				

INS Master Schedule FY06A

Wed 5/23/07

ID	WBS	Task Name	Duration	Start	Finish	% Comp	Qtr 3, 2006				Qtr 4, 2006			Qtr 1, 2007			Qtr 2, 2007		Qtr 3, 2007				Qtr 4, 2007			
							Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
383	7.4.5	Decide if Pipeline Implementation Needed	0 days	Tue 4/17/07	Tue 4/17/07	0%					on this task															
384	7.4.6	Prepare revised version for Pyraf/Pipeline (TBD)	44 days	Tue 5/1/07	Fri 6/29/07	0%																				
385	7.4.7	Test new Pyraf Pipeline implementation	22 days	Mon 7/2/07	Tue 7/31/07	0%																				
386	7.4.8	Pyraf/Pipeline Rework	44 days	Wed 8/1/07	Mon 10/1/07	0%																				
387	7.4.9	Pyraf/Pipeline Retesting	44 days	Tue 10/2/07	Fri 11/30/07	0%																				
388	7.4.10	Freeze Pyraf/Pipeline implementation	0 days	Fri 11/30/07	Fri 11/30/07	0%																				
389	7.5	Pedestal Correction (Noll)	368 days?	Fri 10/5/07	Tue 3/3/09	0%																				
390	7.5.1	Investigate Temperature from Bias	64 days	Fri 10/5/07	Wed 1/2/08	0%																				
391	7.5.2	Decide if Pedestal Correction Needed	0 days	Wed 1/2/08	Wed 1/2/08	0%																				
392	7.5.3	Initial algorithmic research & development	65 days?	Thu 1/3/08	Wed 4/2/08	0%																				
393	7.5.4	Incorporate algorithm into Pyraf/STSDAS (TBD)	43 days?	Wed 3/5/08	Fri 5/2/08	0%																				
394	7.5.5	Test initial Pyraf/STSDAS implementation	43 days	Mon 5/5/08	Wed 7/2/08	0%																				
395	7.5.6	Freeze initial Pyraf/STSDAS implementation	0 days	Wed 7/2/08	Wed 7/2/08	0%																				
396	7.5.7	Algorithmic refinement & testing (TBD)	43 days?	Thu 7/3/08	Mon 9/1/08	0%																				
397	7.5.8	Prepare revised version for Pyraf/Pipeline (TBD)	42 days?	Tue 8/5/08	Wed 10/1/08	0%																				
398	7.5.9	Test new Pyraf/Pipeline implementation	21 days	Thu 10/2/08	Thu 10/30/08	0%																				
399	7.5.10	Pyraf/Pipeline Rework	44 days	Fri 10/31/08	Wed 12/31/08	0%																				
400	7.5.11	Pyraf/Pipeline Retesting	44 days	Thu 1/1/09	Tue 3/3/09	0%																				
401	7.5.10	Freeze Pyraf/Pipeline implementation	0 days	Tue 3/3/09	Tue 3/3/09	0%																				
402	7.6	Up-the-Ramp Cosmic Ray Rejection (Wiklind, Koekemoer)	615 days	Thu 9/22/05	Wed 1/30/08	12%																				
403	7.6.1	Initial algorithmic research & development	42 days	Thu 9/22/05	Fri 11/18/05	100%																				
404	7.6.2	Incorporate algorithm into Pyraf/STSDAS (TBD)	42 days	Thu 2/1/07	Fri 3/30/07	0%																				
405	7.6.3	Test initial Pyraf/STSDAS implementation	64 days	Fri 3/2/07	Wed 5/30/07	0%																				
406	7.6.4	Freeze initial Pyraf/STSDAS implementation	0 days	Wed 5/30/07	Wed 5/30/07	0%																				
407	7.6.5	Algorithmic refinement & testing (TBD)	43 days	Thu 5/31/07	Mon 7/30/07	0%																				
408	7.6.6	Prepare revised version for Pyraf/Pipeline (TBD)	42 days	Tue 7/3/07	Wed 8/29/07	0%																				
409	7.6.7	Test new Pyraf/Pipeline implementation	21 days	Thu 8/30/07	Thu 9/27/07	0%																				
410	7.6.8	Pyraf/Pipeline Rework	44 days	Fri 9/28/07	Wed 11/28/07	0%																				
411	7.6.9	Pyraf/Pipeline Retesting	44 days	Thu 11/29/07	Tue 1/29/08	0%																				
412	7.6.8	Freeze Pyraf/Pipeline implementation	0 days	Wed 1/30/08	Wed 1/30/08	0%																				
413	7.7	Grism ETC Correction (Noll)	263 days	Wed 9/28/05	Sat 9/30/06	100%																				
429	7.8	Autoflush OFF (Wiklind)	400 days	Mon 12/5/05	Fri 6/15/07	70%																				
430	7.8.1	Requirements Development	320 days	Mon 12/5/05	Fri 2/23/07	87%																				
431	7.8.1.1	Analyze On-Orbit Test Data	43 days	Mon 12/5/05	Wed 2/1/06	100%																				
432	7.8.1.2	Plan & Execute Second On-Orbit Test	150 days	Thu 2/2/06	Wed 8/30/06	100%																				
433	7.8.1.3	Analyze Second On-Orbit Test Data	67 days	Thu 8/31/06	Fri 12/1/06	100%																				
434	7.8.1.4	Assess Need for Recalibration	10 days	Mon 12/18/06	Fri 12/29/06	100%																				
435	7.8.1.8	Decide if want to implement	25 days	Mon 1/1/07	Fri 2/2/07	0%																				
436	7.8.1.5	Write Draft Requirements	5 days	Mon 2/5/07	Fri 2/9/07	0%																				
437	7.8.1.6	Review Requirements	5 days	Mon 2/12/07	Fri 2/16/07	0%																				
438	7.8.1.7	Update Requirements	5 days	Mon 2/19/07	Fri 2/23/07	0%																				
439	7.8.2	Software Implementation	50 days	Mon 2/26/07	Fri 5/4/07	0%																				
440	7.8.2.1	Design Code Changes	15 days	Mon 2/26/07	Fri 3/16/07	0%																				
441	7.8.2.2	Code & Unit Test	15 days	Mon 3/19/07	Fri 4/6/07	0%																				
442	7.8.2.3	Certification & Simulator Testing	20 days	Mon 4/9/07	Fri 5/4/07	0%																				

INS Master Schedule FY06A

Wed 5/23/07

ID	WBS	Task Name	Duration	Start	Finish	% Comp	Qtr 3, 2006				Qtr 4, 2006			Qtr 1, 2007			Qtr 2, 2007		Qtr 3, 2007				Qtr 4, 2007			
							Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
462	8.0	STIS	563 days?	Wed 8/31/05	Fri 10/26/07	58%	[Gantt bar from 8/31/05 to 10/26/07]																			
463	8.1	CCD E1 and E2 Aperture Sensitivities (Proffitt)	328 days	Wed 9/28/05	Fri 12/29/06	100%	[Gantt bar from 9/28/05 to 12/29/06]																			
467	8.2	ECF Echelle Dispersion Relation (Proffitt)	505 days	Mon 10/31/05	Fri 10/5/07	53%	[Gantt bar from 10/31/05 to 10/5/07]																			
468	8.2.1	Integrate with CALSTIS	67 days	Mon 10/31/05	Tue 1/31/06	100%	[Gantt bar from 10/31/05 to 1/31/06]																			
469	8.2.2	ECF Evaluation	327 days	Wed 2/1/06	Thu 5/3/07	68%	[Gantt bar from 2/1/06 to 5/3/07]																			
470	8.2.3	Data Analysis	44 days	Fri 5/4/07	Wed 7/4/07	0%	[Gantt bar from 5/4/07 to 7/4/07]																			
471	8.2.4	STSDAS Update	44 days	Thu 7/5/07	Tue 9/4/07	0%	[Gantt bar from 7/5/07 to 9/4/07]																			
472	8.2.5	Reference File Update	44 days	Thu 7/5/07	Tue 9/4/07	0%	[Gantt bar from 7/5/07 to 9/4/07]																			
473	8.2.6	Write ISR	22 days	Thu 9/6/07	Fri 10/5/07	0%	[Gantt bar from 9/6/07 to 10/5/07]																			
474	8.3	E-mode Sensitivities & Blaze Shift (Aloisi)	392 days	Mon 10/31/05	Tue 5/1/07	90%	[Gantt bar from 10/31/05 to 5/1/07]																			
475	8.3.1	Data Analysis	240 days	Mon 10/31/05	Fri 9/29/06	100%	[Gantt bar from 10/31/05 to 9/29/06]																			
476	8.3.2	CBDS Reference File Update	74.42 days	Wed 7/19/06	Tue 10/31/06	100%	[Gantt bar from 7/19/06 to 10/31/06]																			
477	8.3.3	Synphot Component File Update	30 days	Mon 2/19/07	Fri 3/30/07	55%	[Gantt bar from 2/19/07 to 3/30/07]																			
478	8.3.4	Write Two ISRs	159 days	Thu 9/21/06	Tue 5/1/07	77%	[Gantt bar from 9/21/06 to 5/1/07]																			
479	8.3.5	CALSTIS Update	12 days	Thu 6/15/06	Fri 6/30/06	100%	[Gantt bar from 6/15/06 to 6/30/06]																			
480	8.3.6	OPUS 2006.5 Installation	0 days	Thu 8/17/06	Thu 8/17/06	100%	[Gantt bar at 8/17/06]																			
481	8.4	E-Mode Sensitivity Uncertainty Due to Monthly Offsets (Aloisi)	175 days?	Mon 10/31/05	Fri 6/30/06	56%	[Gantt bar from 10/31/05 to 6/30/06]																			
487	8.5	MAMA Dark Monitor (Proffitt)	279 days?	Tue 10/3/06	Fri 10/26/07	7%	[Gantt bar from 10/3/06 to 10/26/07]																			
488	8.5.1	Data Analysis	239 days	Tue 10/3/06	Fri 8/31/07	9%	[Gantt bar from 10/3/06 to 8/31/07]																			
489	8.5.2	Software Requirements Development	20 days	Mon 9/3/07	Fri 9/28/07	0%	[Gantt bar from 9/3/07 to 9/28/07]																			
490	8.5.3	CBDS Reference File Update	5 days	Mon 9/17/07	Fri 9/21/07	0%	[Gantt bar from 9/17/07 to 9/21/07]																			
491	8.5.4	Write ISRs	20 days	Mon 9/3/07	Fri 9/28/07	0%	[Gantt bar from 9/3/07 to 9/28/07]																			
492	8.5.5	Software Implementation	20 days?	Mon 10/1/07	Fri 10/26/07	0%	[Gantt bar from 10/1/07 to 10/26/07]																			
493	8.6	MAMA First-Order Dispersion Solutions (Goudfrooij)	373 days	Mon 4/3/06	Wed 9/5/07	14%	[Gantt bar from 4/3/06 to 9/5/07]																			
494	8.6.1	Data Analysis	350 days	Mon 4/3/06	Fri 8/3/07	16%	[Gantt bar from 4/3/06 to 8/3/07]																			
495	8.6.2	CBDS Reference File Update	23 days	Wed 7/4/07	Fri 8/3/07	0%	[Gantt bar from 7/4/07 to 8/3/07]																			
496	8.6.3	Write ISR	23 days	Mon 8/6/07	Wed 9/5/07	0%	[Gantt bar from 8/6/07 to 9/5/07]																			
497	8.7	Trace Stability for Often-Used Modes (Dressel)	379 days	Mon 10/3/05	Thu 3/15/07	98%	[Gantt bar from 10/3/05 to 3/15/07]																			
498	8.7.1	Data Analysis	21 days	Mon 10/3/05	Mon 10/31/05	100%	[Gantt bar from 10/3/05 to 10/31/05]																			
499	8.7.2	CBDS Reference File Update	52 days	Thu 5/25/06	Fri 8/4/06	100%	[Gantt bar from 5/25/06 to 8/4/06]																			
500	8.7.3	Write ISR	184 days	Mon 7/3/06	Thu 3/15/07	97%	[Gantt bar from 7/3/06 to 3/15/07]																			
501	8.7.4	CALSTIS Update	20 days	Mon 4/3/06	Fri 4/28/06	100%	[Gantt bar from 4/3/06 to 4/28/06]																			
502	8.8.5	OPUS 2006.4 Installation	0 days	Thu 5/25/06	Thu 5/25/06	100%	[Gantt bar at 5/25/06]																			
503	8.8	The STIS Experience (Goudfrooij)	277 days	Tue 10/3/06	Wed 10/24/07	0%	[Gantt bar from 10/3/06 to 10/24/07]																			
504	8.8.1	Write Document	277 days	Tue 10/3/06	Wed 10/24/07	0%	[Gantt bar from 10/3/06 to 10/24/07]																			
505	8.8.1.1	Develop Outline	176 days	Tue 10/3/06	Tue 6/5/07	0%	[Gantt bar from 10/3/06 to 6/5/07]																			
506	8.8.1.2	Write First Draft	10 days	Wed 6/6/07	Tue 6/19/07	0%	[Gantt bar from 6/6/07 to 6/19/07]																			
507	8.8.1.3	Review First Draft	10 days	Wed 6/20/07	Tue 7/3/07	0%	[Gantt bar from 6/20/07 to 7/3/07]																			
508	8.8.1.4	Write Second Draft	61 days	Wed 7/4/07	Wed 9/26/07	0%	[Gantt bar from 7/4/07 to 9/26/07]																			
509	8.8.1.5	Review Second Draft	15 days	Thu 9/27/07	Wed 10/17/07	0%	[Gantt bar from 9/27/07 to 10/17/07]																			
510	8.8.1.6	Write Final Draft	5 days	Thu 10/18/07	Wed 10/24/07	0%	[Gantt bar from 10/18/07 to 10/24/07]																			
511	8.8.1.7	Release Document	0 days	Wed 10/24/07	Wed 10/24/07	0%	[Gantt bar at 10/24/07]																			
512	8.9	Final Calibration of STIS Data (Goudfrooij)	140 days	Tue 11/7/06	Mon 5/21/07	61%	[Gantt bar from 11/7/06 to 5/21/07]																			
513	8.9.1	Final Calibration Readiness Review	10 days	Tue 11/7/06	Mon 11/20/06	100%	[Gantt bar from 11/7/06 to 11/20/06]																			
514	8.9.2	Final Calibration Effort	116 days	Tue 11/21/06	Tue 5/1/07	75%	[Gantt bar from 11/21/06 to 5/1/07]																			
515	8.9.2.1	Recalibrate STIS Data	116 days	Tue 11/21/06	Tue 5/1/07	75%	[Gantt bar from 11/21/06 to 5/1/07]																			
516	8.9.2.2	Spot-check Calibration Quality	116 days	Tue 11/21/06	Tue 5/1/07	75%	[Gantt bar from 11/21/06 to 5/1/07]																			
517	8.9.3	Final Calibration Status Review	14 days	Wed 5/2/07	Mon 5/21/07	0%	[Gantt bar from 5/2/07 to 5/21/07]																			
518	8.9.4	Archive Interface Update	50 days	Tue 11/21/06	Mon 1/29/07	0%	[Gantt bar from 11/21/06 to 1/29/07]																			

INS Master Schedule FY06A

Wed 5/23/07

ID	WBS	Task Name	Duration	Start	Finish	% Comp	Qtr 3, 2006				Qtr 4, 2006			Qtr 1, 2007			Qtr 2, 2007		Qtr 3, 2007				Qtr 4, 2007			
							Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
559	9.0	Telescopes	520 days	Mon 10/3/05	Fri 9/28/07	60%	[Gantt bar]																			
560	9.1	Aberrations & PSF Impacts on Science (Lallo)	435 days	Mon 10/3/05	Fri 6/1/07	77%	[Gantt bar]																			
561	9.1.1	Analyze Coma & Astig. Data (prop 10752)	259 days	Mon 10/3/05	Thu 9/28/06	100%	MLallo[2%],RMakidon[5%],SCasertano[1%]																			
562	9.1.2	Field & Aberration Dependent PSF Modelling	249 days	Fri 2/17/06	Wed 1/31/07	100%	[Gantt bar]																			
563	9.1.2.1	Improve Field-Dependent Model	39 days	Fri 2/17/06	Wed 4/12/06	100%	0%,MLallo[10%],SCasertano[5%]																			
564	9.1.2.2	Write ISR on Field-Dependent Model	174 days	Fri 6/2/06	Wed 1/31/07	100%	RMakidon[50%],MLallo[50%]																			
565	9.1.3	SPIE Meeting Activities	35 days	Thu 4/13/06	Wed 5/31/06	100%	[Gantt bar]																			
566	9.1.3.1	Prepare & Submit SPIE Paper on Field-Dependent Model	8 days	Thu 4/13/06	Mon 4/24/06	100%	h[60%]																			
567	9.1.3.2	Prepare & Submit SPIE Paper Based on ISR TEL-2005-03	8 days	Thu 4/13/06	Mon 4/24/06	100%	0%																			
568	9.1.3.3	SPIE Paper Manuscript Deadline	0 days	Wed 4/26/06	Wed 4/26/06	100%	[Gantt bar]																			
569	9.1.3.4	SPIE Meeting	6 days	Wed 5/24/06	Wed 5/31/06	100%	RMakidon,MLallo																			
570	9.1.4	Thermal Model Development	336 days	Fri 2/17/06	Fri 6/1/07	44%	[Gantt bar]																			
571	9.1.4.1	Correlate Temperature Data with HRC Aberrations	55 days	Fri 2/17/06	Thu 5/4/06	100%	eter[4%],MLallo[5%],RMakidon[5%]																			
572	9.4.1.3	Analyze Aberrations from Historical Datasets	55 days	Fri 4/14/06	Thu 6/29/06	100%	RMakidon[20%],MLallo[10%]																			
573	9.4.1.5	Extended Analysis of Aberrations from Historical Data	217 days	Mon 7/3/06	Tue 5/1/07	20%	[Gantt bar]																			
574	9.4.1.4	Write ISR	25 days	Mon 4/30/07	Fri 6/1/07	10%	[Gantt bar]																			
575	9.5	HST FOV Calibrations (Lallo)	239 days	Fri 9/1/06	Wed 8/1/07	48%	[Gantt bar]																			
576	9.5.1	Create and Execute Proposal 11021	86 days	Fri 9/1/06	Fri 12/29/06	100%	MLallo,ENelan,CCox,RMakidon,SCasertano,Rvan der Marel,VPlatais																			
577	9.5.2	Determine ACS WFC Absolute Scale	43 days	Mon 1/1/07	Wed 2/28/07	75%	MLallo,ENelan,CCox,RMakidon,SCasertano,Rvan der Marel,VPlatais																			
578	9.5.3	Determine FGS Alignments and Scales	43 days	Mon 1/1/07	Wed 2/28/07	65%	MLallo,ENelan,CCox,RMakidon,SCasertano,Rvan der Marel,VPlatais																			
579	9.5.4	Determine SI-to-FGS alignment	22 days	Thu 3/1/07	Fri 3/30/07	0%	MLallo,ENelan,CCox,RMakidon,SCasertano,Rvan der Marel,VPlatais																			
580	9.5.5	Make New FGS & SI Alignments Operational	65 days	Mon 4/2/07	Fri 6/29/07	0%	MLallo,ENelan,CCox,RMakidon,SCasertano,																			
581	9.5.6	Write Two ISRs or Equivalents	46 days	Wed 5/30/07	Wed 8/1/07	0%	MLallo,ENelan,CCox,RMakidon,SCa																			
582	9.6	SMOV Preparations	216 days	Fri 12/1/06	Fri 9/28/07	32%	[Gantt bar]																			
583	9.6.1	Create OTA & FGS SMOV4 Requirements	75 days	Fri 12/1/06	Thu 3/15/07	70%	MLallo,ENelan,RMakidon,SCasertano																			
584	9.6.2	SMOV4 Requirements Review	0 days	Wed 3/21/07	Wed 3/21/07	0%	MLallo,ENelan,RMakidon,SCasertano																			
585	9.6.3	Document Impacts and Risks of NIC-3 Refocussing	87 days	Thu 2/1/07	Fri 6/1/07	15%	MLallo,ENelan,RMakidon,SCasertano																			
586	9.6.4	Develop SMOV Cal Plan's Optical & Astrometric Proposals	43 days	Wed 8/1/07	Fri 9/28/07	0%	MLallo,ENelan,RMaki																			
587	9.7	COS & WFC3 Pre-flight SIAF Model	260 days	Mon 10/2/06	Fri 9/28/07	43%	[Gantt bar]																			
588	9.7.1	Deliver Updates to SIAF File	260 days	Mon 10/2/06	Fri 9/28/07	50%	MLallo,CCox																			
589	9.7.2	Write COS ISR	22 days	Thu 3/1/07	Fri 3/30/07	0%	MLallo,CCox																			
590	9.7.3	Write WFC3 ISR	22 days	Mon 4/2/07	Tue 5/1/07	0%	MLallo,CCox																			

INS Master Schedule FY06A

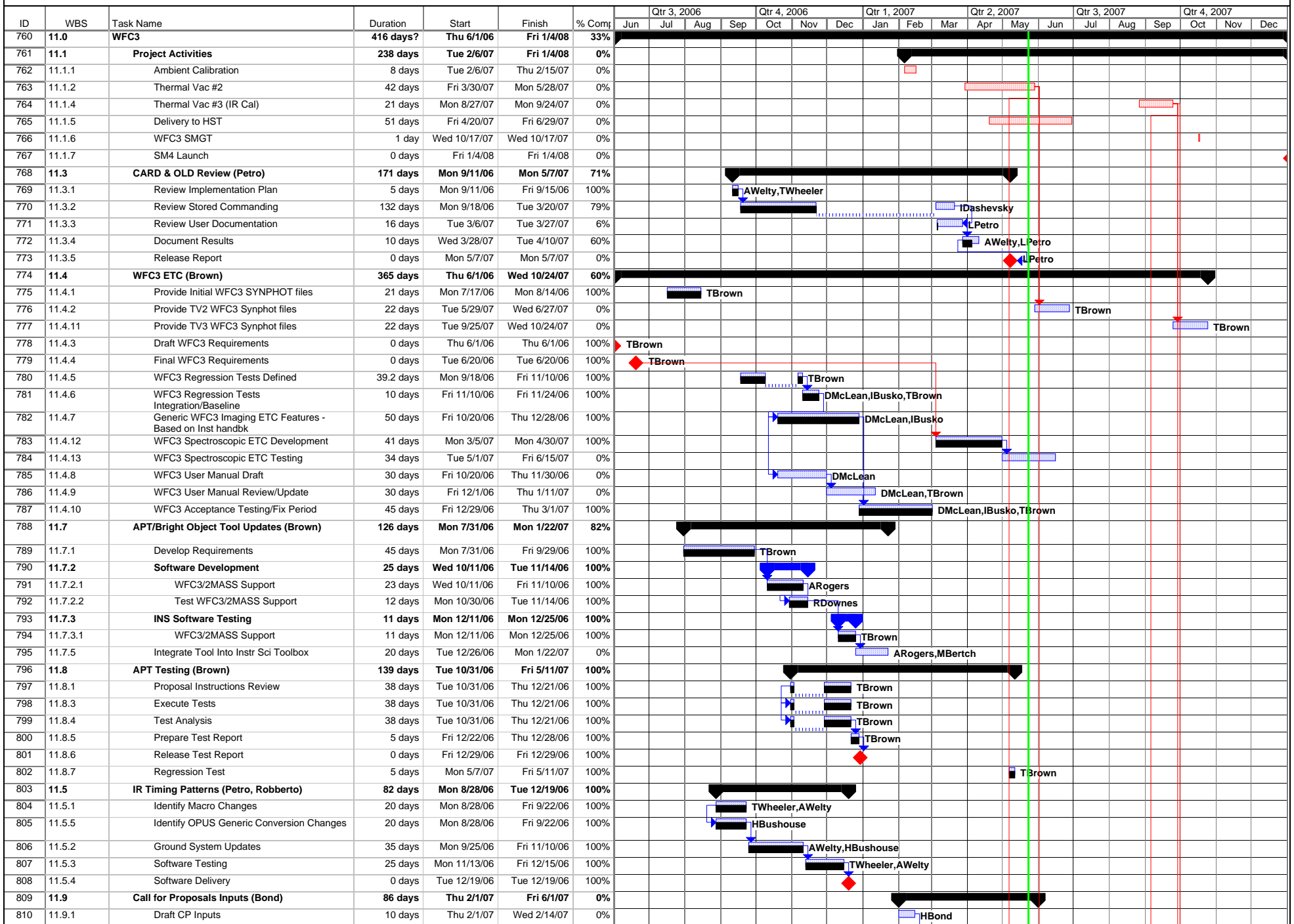
Wed 5/23/07

ID	WBS	Task Name	Duration	Start	Finish	% Comp	Qtr 3, 2006				Qtr 4, 2006			Qtr 1, 2007			Qtr 2, 2007		Qtr 3, 2007			Qtr 4, 2007				
							Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
591	10.0	User Support	325 days?	Fri 3/31/06	Thu 6/28/07	61%																				
592	10.3.4	Respond to PI Questions - Cycle 15	325 days	Fri 3/31/06	Thu 6/28/07	55%																				
593	10.4	Phase I Documentation - Cycle 16 (Karakla, Rose)	124 days	Mon 4/24/06	Fri 10/13/06	100%																				
653	10.5	Cycle 16 Phase I Proposal Processing (Karakla)	133 days	Fri 10/13/06	Tue 4/17/07	51%																				
654	10.5.1	Respond to PI Questions	86 days	Fri 10/13/06	Fri 2/9/07	90%																				
655	10.5.2	Phase I Deadline	0 days	Fri 2/9/07	Fri 2/9/07	0%																				
656	10.5.3	Respond to Reviewer Questions	24 days	Mon 2/26/07	Thu 3/29/07	0%																				
657	10.5.4	Perform Technical Reviews	15 days	Fri 2/16/07	Thu 3/8/07	0%																				
658	10.5.5	Review Technical Comments	5 days	Fri 3/9/07	Thu 3/15/07	0%																				
659	10.5.6	TAC Readiness Review	0 days	Fri 3/16/07	Fri 3/16/07	0%																				
660	10.5.7	Finalize TAC and PI Comments	2 days	Wed 3/21/07	Thu 3/22/07	0%																				
661	10.5.8	Technical Comments to SPD	0 days	Fri 3/23/07	Fri 3/23/07	0%																				
662	10.5.9	Review TAC Presentations	4 days	Mon 3/19/07	Thu 3/22/07	0%																				
663	10.5.10	TAC/Panel Meetings	5 days	Mon 3/19/07	Fri 3/23/07	0%																				
664	10.5.11	Send Notification Letters	0 days	Mon 4/2/07	Mon 4/2/07	0%																				
665	10.5.12	Assign Prime SIs	5 days	Tue 4/3/07	Mon 4/9/07	0%																				
666	10.5.13	Make CS & Reviewer Assignments	6 days	Tue 4/10/07	Tue 4/17/07	0%																				
667	10.6	Cycle 16 Phase II Documentation (Karakla)	65 days	Mon 1/29/07	Fri 4/27/07	2%																				
668	10.6.1	Update Phase II Proposal Instructions	25 days	Mon 1/29/07	Fri 3/2/07	5%																				
669	10.6.2	Update CS User Support Procedures	20 days	Mon 3/26/07	Fri 4/20/07	0%																				
670	10.6.3	Update CS Web Site	25 days	Mon 3/26/07	Fri 4/27/07	0%																				
671	10.7	Cycle 16 Phase II Proposal Processing (Karakla)	160 days	Mon 10/2/06	Fri 5/11/07	50%																				
672	10.7.1	Update CS Toolbox	151 days	Mon 10/2/06	Mon 4/30/07	47%																				
673	10.7.1.1	Develop Requirements	46 days	Mon 10/2/06	Mon 12/4/06	100%																				
674	10.7.1.2	Implement Software Changes	44 days	Wed 1/3/07	Mon 3/5/07	50%																				
675	10.7.1.3	Test CS Tools	30 days	Tue 2/20/07	Mon 4/2/07	0%																				
676	10.7.1.4.1	Train CSs	25 days	Tue 3/27/07	Mon 4/30/07	0%																				
677	10.7.1.4.1	Organize Training Materials	20 days	Tue 3/27/07	Mon 4/23/07	0%																				
678	10.7.1.4.2	Conduct Training for ISs	5 days	Tue 4/24/07	Mon 4/30/07	0%																				
679	10.7.2	Update Phase II Process & Review Templates	120 days	Mon 10/16/06	Fri 3/30/07	66%																				
680	10.7.2.1	Develop Requirements	35 days	Mon 10/16/06	Fri 12/1/06	100%																				
681	10.7.2.2	Implement Changes	55 days	Mon 12/4/06	Fri 2/16/07	80%																				
682	10.7.2.3	Test Changes	30 days	Mon 2/19/07	Fri 3/30/07	0%																				
683	10.7.3	APT Cycle 16 Phase II Release	0 days	Mon 4/2/07	Mon 4/2/07	0%																				
684	10.7.4	Respond to PI Questions	30 days	Mon 4/2/07	Fri 5/11/07	0%																				
685	10.7.5	Cycle 16 Phase II Deadline	0 days	Fri 5/11/07	Fri 5/11/07	0%																				
686	10.8	Phase I Documentation - Cycle 17 (Karakla, Rose)	16 days?	Mon 4/23/07	Mon 5/14/07	0%																				
687	10.8.1	Develop Instrument Handbook Update Schedule	15 days	Mon 4/23/07	Fri 5/11/07	0%																				
688	10.8.2	Call for Proposals & Primer Update	1 day?	Mon 5/14/07	Mon 5/14/07	0%																				
700	10.8.3	ACS Inst. Handbook Update	1 day?	Mon 5/14/07	Mon 5/14/07	0%																				
708	10.8.4	FGS Inst. Handbook Update	1 day?	Mon 5/14/07	Mon 5/14/07	0%																				
713	10.8.5	NIC Inst. Handbook Update	1 day?	Mon 5/14/07	Mon 5/14/07	0%																				
722	10.8.6	WFPC2 Inst. Handbook Update	1 day?	Mon 5/14/07	Mon 5/14/07	0%																				
728	10.8.7	2-Gyro Handbook Update	1 day?	Mon 5/14/07	Mon 5/14/07	0%																				
734	10.8.8	COS Inst. Handbook Update	1 day?	Mon 5/14/07	Mon 5/14/07	0%																				
740	10.8.9	WFC3 Inst. Handbook Update	1 day?	Mon 5/14/07	Mon 5/14/07	0%																				
746	10.9	Data Handbooks	98 days?	Wed 11/15/06	Fri 3/30/07	35%																				
747	10.9.1	STIS Data Handbook Update (Dressel, Holfeltz)	65 days?	Mon 1/1/07	Fri 3/30/07	0%																				
748	10.9.1.1	Draft Changes	30 days?	Mon 1/1/07	Fri 2/9/07	0%																				

Expect work to be done by 10/12/07 (best estimate until 10.8.1 is complete)

INS Master Schedule FY06A

Wed 5/23/07



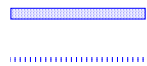
INS Master Schedule FY06A

Wed 5/23/07

ID	WBS	Task Name	Duration	Start	Finish	% Comp	Qtr 3, 2006				Qtr 4, 2006			Qtr 1, 2007			Qtr 2, 2007		Qtr 3, 2007				Qtr 4, 2007		
							Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1008	12.0	WFPC2	10 days?	Wed 9/28/05	Tue 10/11/05	0%																			
1009			1 day?	Wed 9/28/05	Wed 9/28/05	0%																			

Project: project_schedule
Date: VWed 5/23/07

Task
Split



Progress
Milestone



Summary
Project Summary



External Tasks
External Milestone



Deadline

