

OBS10-007A: F2 Fixes and Improvements

Name	Duration	hh mm	Work Hou	Percent Cor	Start Date	End Date	Task Owner	Resources
-F2 Fixes and Improvements	365d	3h	7,987.00	48.19%	Feb 01 2010 08:30	Jul 12 2011 11:30		
-Project Plan Manag and Support	309d		378.00	60.00%	Apr 16 2010 11:30	Jul 07 2011 11:30		
Project Management	302d		90.00	60.00%	Apr 16 2010 11:30	Jul 07 2011 11:30	Manuel Lazo (3.73%)	
Group Coordination Meetings	302d		188.00	60.00%	Apr 16 2010 11:30	Jul 07 2011 11:30	Gabriel Perez (2.43%)	Manuel Lazo (2.48%), Rolando Rogers (1.68%), Maxime Boccas (1.21%)
Project Procurement	220d		100.00	60.00%	Oct 05 2010 13:30	Jun 29 2011 16:00	Manuel Lazo (1.35%)	Scot Kleinman (5.55%)
Decision on Modifying MOS F2 ColdSurface			0.00	100.00%	Sep 29 2010 08:30	Sep 29 2010 08:30		
Resources Assig Ops Affecting F2 Progress	15d		0.00	0.00%	Oct 05 2010 08:30	Oct 26 2010 17:30		
-Preparation and Prerequisites	155d		713.00	91.89%	Feb 01 2010 08:30	Sep 09 2010 17:30		
Prepare SBF Lab to receive F2	32d		104.00	100.00%	Feb 01 2010 08:30	Mar 16 2010 17:30	Diego Maltes (23.44%)	Gabriel Perez (17.19%)
Prepare SBF Lab to service F2	45d		83.00	100.00%	Apr 29 2010 08:30	Jul 02 2010 17:30	Diego Maltes (8.68%)	#ISG Technician (2.22%), Paul Collins (15.62%)
Perform ENT to characterize OI for TTF and AO corrector	4d		32.00	100.00%	Feb 08 2010 08:30	Feb 11 2010 17:30	Gelys Trancho (50.00%)	Maxime Boccas (50.00%)
Drawing Readiness Analysis	7d		40.00	100.00%	Feb 04 2010 08:30	Feb 12 2010 17:30	Gabriel Perez (71.43%)	
Detector Mount thermal Study and Analysis	5d		44.00	100.00%	Feb 15 2010 08:30	Feb 19 2010 17:30	Gabriel Perez	Manuel Lazo (10.00%)
Contact UF to request SW assistance for ISD Implementation	2h		4.00	100.00%	Feb 15 2010 08:30	Feb 15 2010 10:30	Manuel Lazo	Pedro Gigoux
Procure F2 insurance and NSF approval	25d		6.00	100.00%	Feb 15 2010 08:30	Mar 19 2010 17:30	Diego Maltes (3.00%)	
Transportation Insurance Approved			0.00	100.00%	Mar 22 2010 08:30	Mar 22 2010 08:30		
Perform MOS Cold Foot Characterization	3d		29.00	100.00%	Feb 19 2010 08:30	Feb 23 2010 17:30	Ramon Galvez (50.00%)	Luis Hernan Solis (20.83%), Gabriel Perez (50.00%)
MOS and Camera Warm UP start	5d		20.00	100.00%	Feb 22 2010 08:30	Feb 26 2010 17:30	Ramon Galvez (30.00%)	Luis Hernan Solis (20.00%)
Remove F2 from Telescope	1d		17.00	100.00%	Mar 10 2010 08:30	Mar 10 2010 17:30	Ramon Galvez (75.00%)	Gabriel Perez (62.50%), Luis Hernan Solis (75.00%)
F2 Packing for Transportation	5d		80.00	100.00%	Mar 11 2010 08:30	Mar 17 2010 17:30	Ramon Galvez (50.00%)	Luis Hernan Solis (50.00%), Gabriel Perez (50.00%), Luis Godoy (50.00%)
F2 Packed Ready for Transportation			0.00	100.00%	Mar 18 2010 08:30	Mar 18 2010 08:30		
CONTINGENCY (Being Used to Prepare Transpor)	5d		40.00	100.00%	Mar 18 2010 08:30	Mar 24 2010 17:30		
Transport Instrument and Service Cart to SBF Lab	1d		12.00	100.00%	Mar 25 2010 08:30	Mar 25 2010 17:30	Gabriel Perez (25.00%)	Diego Maltes (50.00%), Luis Godoy (75.00%)
F2 Safely in the Lab			0.00	100.00%	Mar 26 2010 08:30	Mar 26 2010 08:30		
CONTINGENCY	5d		40.00	100.00%	Mar 26 2010 08:30	Apr 01 2010 17:30		
F2 Ready to start disassembling			0.00	100.00%	Apr 05 2010 08:30	Apr 05 2010 08:30		
Preps for Camera Opening to reach GV Baffle	5d		94.00	100.00%	Jun 15 2010 08:30	Jun 22 2010 17:30	Gabriel Perez (83.33%)	Luis Godoy (80.00%), Diego Maltes (25.00%), Rolando Rogers (29.17%)
Prepare Lab He lines to Support F2	10d		68.00	15.00%	Aug 27 2010 08:30	Sep 09 2010 17:30	Luis Hernan Solis (75.00%)	Manuel Lazo (10.00%)
-MOS and OIWFS Fixes and Improvements	223d		3,236.00	68.05%	Apr 05 2010 08:30	Feb 21 2011 17:30		
Disassemble and Inspect MOS cryostat	7d		126.00	100.00%	Apr 05 2010 08:30	Apr 13 2010 17:30	Gabriel Perez (76.79%)	Rolando Rogers (76.79%), Luis Godoy (71.43%)
+MOS Analysis and Eng Re-Design	188d		2,326.00	80.65%	Apr 14 2010 08:30	Jan 13 2011 08:30		
+OIWFS Work	15d		80.00	100.00%	Oct 14 2010 08:30	Nov 05 2010 08:30		
-MOS Mechanisms Testing (Warm&Open)	55d		200.00	60.00%	Oct 25 2010 08:30	Jan 13 2011 08:30		
MOS Wheel testing and tuning	5d		100.00	70.00%	Oct 25 2010 08:30	Oct 29 2010 17:30	Rolando Rogers (50.00%)	Gabriel Perez, Luis Godoy
MOS Decker testing and tuning	3d		60.00	50.00%	Nov 02 2010 08:30	Nov 04 2010 17:30	Gabriel Perez	Luis Godoy, Rolando Rogers (50.00%)
MOS (Camera) Cabling Checks	5d		40.00	50.00%	Nov 02 2010 08:30	Nov 08 2010 17:30	Rolando Rogers	
MOS Mechanisms Tested and Tuned			0.00	0.00%	Jan 13 2011 08:30	Jan 13 2011 08:30		
+MOS Dewar Assembly and Cold Testing	28d		504.00	0.00%	Jan 13 2011 08:30	Feb 21 2011 17:30		
-Camera and GV Baffle Fixes and Improv	158d		1,034.00	41.20%	Jul 05 2010 08:30	Jul 17 2011 17:30		
+Open Camera Cryostat for Inspections	17d		182.00	100.00%	Jul 05 2010 08:30	Jul 29 2010 08:30		
-GV Baffle Improvement	55d		418.00	57.42%	Aug 05 2010 08:30	Oct 25 2010 08:30		
GV Baffle Mech Engineering	20d		146.00	100.00%	Aug 05 2010 08:30	Sep 01 2010 17:30	Gabriel Perez (82.50%)	Vicente Vergara (1.25%), Manuel Lazo (9.38%)
GV Baffle Solution Available			0.00	100.00%	Sep 02 2010 08:30	Sep 02 2010 08:30		
GV Mech Shop Drawings	15d		188.00	50.00%	Sep 13 2010 08:30	Oct 04 2010 17:30	Gabriel Perez (20.00%)	Rolando Rogers (19.23%), Vicente Vergara, #ENG Contractor (10.00%), Luis Godoy (10.00%)
GV Commercial Parts Procurement	3d		20.00	0.00%	Sep 02 2010 08:30	Sep 06 2010 17:30	Gabriel Perez (83.33%)	
GV Parts Procurement lead time	20d		0.00	0.00%	Sep 07 2010 08:30	Oct 05 2010 17:30		
GV new baffle Assembly and Tested	5d		64.00	0.00%	Oct 18 2010 08:30	Oct 22 2010 17:30	Gabriel Perez	#ENG Contractor (10.00%), Luis Godoy (20.00%), Rolando Rogers (30.00%)
GV Baffle Improved			0.00	0.00%	Oct 25 2010 08:30	Oct 25 2010 08:30		
+Camera Improvements	153d		434.00	0.92%	Jul 12 2010 08:00	Feb 17 2011 17:30		
-Det Replacement, Cam New Optics Inst and Alignment	220d	3h	790.00	6.99%	Jun 28 2010 08:00	May 12 2011 11:30		
Detector replacement Approach Analysis	10d		71.00	0.00%	Jun 28 2010 08:00	Jul 09 2010 12:00	Rolando Rogers (44.44%)	Kevin Hanna (58.82%), Gabriel Perez (1.48%)
Camera Optical Alignment Analysis and New Optics prep	6d		48.00	90.00%	Jul 26 2010 08:30	Aug 02 2010 17:30	Maxime Boccas	
Remove old detector (Mux or Old)	1d		12.00	100.00%	Feb 18 2011 08:00	Feb 18 2011 16:00	Kevin Hanna (85.71%)	#ENG Contractor (92.31%)
Install R3K grism	1d		20.00	0.00%	Feb 18 2011 08:30	Feb 18 2011 17:30	Maxime Boccas	Gabriel Perez (150.00%)
Install 2 new filters	1d		8.00	0.00%	Feb 21 2011 08:30	Feb 21 2011 17:30	Maxime Boccas	
New Optics in Place			0.00	0.00%	Feb 22 2011 08:30	Feb 22 2011 08:30		
New Detector Installation and checks	2d		20.00	0.00%	Feb 22 2011 08:30	Feb 23 2011 15:00	#ENG Contractor (74.07%), Kevin Hanna (74.07%)	
Optical Alignment Check	4d		32.00	0.00%	Feb 23 2011 15:00	Mar 01 2011 15:00	Maxime Boccas	
Camera and MOS Coupling	4d		30.00	0.00%	Mar 01 2011 15:00	Mar 07 2011 15:00	Gabriel Perez (56.25%)	Luis Godoy (37.50%)
Camera and MOS Coodown (Cycle 1)	12d		172.00	0.00%	Mar 01 2011 15:00	Mar 17 2011 15:00	Manuel Lazo (20.83%)	Luis Godoy (33.33%), Rolando Rogers (41.67%), Gabriel Perez (83.33%)
Camera Cold (cycle 1)			0.00	0.00%	Mar 17 2011 15:00	Mar 17 2011 15:00		
Camera and MOS Functionality Test	5d		31.00	0.00%	Mar 17 2011 15:00	Mar 24 2011 15:00	Rolando Rogers (17.50%)	Percy Gomez (50.00%), Manuel Lazo (10.00%)
New Detector Characterization	15d		150.00	0.00%	Mar 24 2011 15:00	Apr 13 2011 11:30	Percy Gomez (63.93%)	Kevin Hanna (78.82%)
Camera and New Detector Characterized			0.00	0.00%	Apr 13 2011 11:30	Apr 13 2011 11:30		
Camera Coodown (Cycle 2)	15d		130.00	0.00%	Apr 13 2011 11:30	May 05 2011 11:30	Rolando Rogers (25.00%)	Gabriel Perez (50.00%), Manuel Lazo (16.67%), Luis Godoy (16.67%)
Camera Cold (Cycle 2)			0.00	0.00%	May 05 2011 11:30	May 05 2011 11:30		
CONTINGENCY	5d		66.00	0.00%	May 05 2011 11:30	May 12 2011 11:30		
New Detector in place fully characterized			0.00	0.00%	May 12 2011 11:30	May 12 2011 11:30		
-F2 Software Pending Issues	196d		1,216.00	23.36%	Jun 24 2010 08:30	Apr 04 2011 17:30		
Sync flam2sparc with repository	4d		32.00	100.00%	Jun 24 2010 08:30	Jun 30 2010 17:30	Pedro Gigoux	
Make F2 software work on simulation in the lab	4d		32.00	100.00%	Jul 12 2010 08:30	Jul 15 2010 17:30	Pedro Gigoux	
Make F2 software write header keywords on header unit 0	5d		40.00	15.00%	Jul 19 2010 08:30	Jul 23 2010 17:30	Pedro Gigoux	
+WCS implementation	82d		120.00	46.67%	Jul 05 2010 08:30	Oct 29 2010 17:30		
+FITS keywords	28d		64.00	25.00%	Jul 01 2010 08:30	Aug 11 2010 08:30		
+Pixel router work	14d		176.00	70.45%	Aug 11 2010 08:30	Aug 31 2010 08:30		
+Other Tasks and Contingency	109d		578.00	3.11%	Sep 22 2010 08:30	Feb 28 2011 08:30		
+SCI Ops Software Modifications	26d		174.00	0.00%	Feb 28 2011 08:30	Apr 04 2011 17:30		

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Name	Duration	hh mm	Work Hou	Percent Cor	Start Date	End Date	Task Owner	Resources
-F2 Preps and Integration at CP Lab.	38d		620.00	0.00%	May 18 2011 11:30	Jul 12 2011 11:30		
Camera and MOS warm up	5d		42.00	0.00%	May 18 2011 11:30	May 25 2011 11:30	Rolando Rogers (50.00%)	Luis Godoy (30.00%), Manuel Lazo (25.00%)
Camera and MOS preparation to Ship	5d		96.00	0.00%	May 25 2011 11:30	Jun 01 2011 11:30	Gabriel Perez (95.00%)	Luis Godoy (95.00%), Rolando Rogers (50.00%)
Transportation to CP	1d		5.00	0.00%	Jun 01 2011 11:30	Jun 02 2011 11:30	Gabriel Perez (25.00%)	Luis Godoy (25.00%), Diego Maltes (12.50%)
Full Reintegration in the CP Lab	6d		144.00	0.00%	Jun 01 2011 11:30	Jun 09 2011 11:30	Gabriel Perez	Rolando Rogers (58.33%), Manuel Lazo (58.33%), Luis Godoy (83.33%)
Camera and MOS cooling cycle	7d		104.00	0.00%	Jun 09 2011 11:30	Jun 20 2011 11:30	Manuel Lazo (71.43%)	Rolando Rogers (57.14%), Gabriel Perez (57.14%)
F2 ready to be mounted to Flex Rig			0.00	0.00%	Jun 20 2011 11:30	Jun 20 2011 11:30		
Full Functionality Test at the Flex Rig	10d		174.00	0.00%	Jun 20 2011 11:30	Jul 05 2011 11:30	Percy Gomez	Gabriel Perez (40.00%), Luis Godoy (40.00%), Rolando Rogers (37.50%)
CONTINGENCY	5d		55.00	0.00%	Jul 05 2011 11:30	Jul 12 2011 11:30		
F2 Ready for On Sky Re-commissioning			0.00	0.00%	Jul 12 2011 11:30	Jul 12 2011 11:30		
	365d	3h	7,987.00	48.19%	Feb 01 2010 08:30	Jul 12 2011 11:30		