

WBS	Task Name	Est. Finish	Resource
Week of July 2			
1.3.6.9.3	Test umbilical tower control software	Thu 7/5/01	LUPT,LEGE,GONZ-C
1.3.2.1.1.2.12.2.1.12	Complete/Turnover documentation on enclosure chiller unit	Mon 7/2/01	HAMM,LEGE,KLAE
1.3.1.2.8.4.21	Complete/turnover chiller cooling scheme-plenum documentation	Fri 7/6/01	LEGE
1.3.1.2.8.4.23	Documentation M1 perimeter seal removal	Fri 7/6/01	LEGE
1.3.2.1.1.2.5.1	Install FFS lamp heat removal system	Thu 7/5/01	BAST,GONZ-C
1.3.2.1.1.2.5.2	Test FFS lamp heat removal system	Thu 7/12/01	LEGE,BRIN
1.3.2.1.1.3.7.1	Complete windbaffle tent study	Fri 7/6/01	VANG
Week of July 9			
1.3.2.2.1.1.2.1	Summer 2001 shutdown camera mechanical maintenance work	Fri 7/27/01	ROCK,CARR,GUNN,BRIN
1.3.2.4.2.8.3	Install new filters on PT telescope	Fri 7/13/01	BRIN
1.3.1.2.10.2.16.1	Drill hole in body of engineering camera for identification by lift	Mon 7/9/01	LEGE,GONZ-C
1.3.2.1.1.2.5.2	Test FFS lamp heat removal system	Thu 7/12/01	LEGE,BRIN
1.3.2.1.1.2.5.4	Complete/turn over FFS lamp heat removal system documentation	Thu 7/26/01	LEGE
Week of July 16			
1.3.1.2.10.2.15.1	Generate plan to identify/procure/maintain spare parts inventory	Fri 8/3/01	BORO,LEGE
1.3.2.2.1.1.2.1	Summer 2001 shutdown camera mechanical maintenance work	Fri 7/27/01	ROCK,CARR,GUNN,BRIN
1.3.2.2.2.1.1.5	Assemble umbilical spare assembly	Fri 7/20/01	GUNN,CARR,ROCK,BRIN
1.3.1.2.9.1	Develop monthly telescope maintenance plan	Fri 7/27/01	LEGE
1.3.1.2.9.2	Develop quarterly telescope maintenance plan	Fri 7/27/01	LEGE
1.3.1.2.9.3	Develop annual telescope maintenance plan	Fri 7/27/01	LEGE
1.3.2.1.1.2.5.4	Complete/turn over FFS lamp heat removal system documentation	Thu 7/26/01	LEGE
1.3.2.3.7.1.2.1.1	Complete permanent installation of inside manipulator truck switch installation	Thu 7/19/01	GONZ-C,BAST
1.3.2.3.7.1.2.1.2	Test inside manipulator truck switch installation	Fri 7/20/01	GONZ-L,OBSE
1.3.2.4.1.1.2.1	Remove PT mirror for re-aluminizing	Tue 7/17/01	LEGE,BAST,GONZ-C
1.3.2.4.1.1.2.2	Re-aluminize PT mirror at Sunspot	Fri 7/20/01	KLAE,BRIN
Week of July 23			
1.3.2.1.8.3.7	Install instrument latch controller version 2 at APO	Fri 7/27/01	GONZ-C,FEDE,BAST
1.3.1.2.10.2.15.1	Generate plan to identify/procure/maintain spare parts inventory	Fri 8/3/01	BORO,LEGE
1.3.2.4.2.5.6	Install PT mirror handling upgrade equipment	Mon 7/23/01	LEGE,BAST,CARE
1.3.6.10.2	Tune windbaffle servo for magnetostrictive devices	Mon 7/23/01	CZAR,FEDE,BRIN
1.3.2.1.1.3.3.5	Install wind sensors onto windbaffle	Fri 7/27/01	GONZ-C,BAST
1.3.2.2.1.1.2.1	Summer 2001 shutdown camera mechanical maintenance work	Fri 7/27/01	ROCK,CARR,GUNN,BRIN
1.3.2.2.2.1.1.6	Test umbilical spare assembly	Fri 7/27/01	GUNN,CARR,ROCK,BRIN
1.3.2.2.2.1.1.7	Umbilical spare assembly work complete	Fri 7/27/01	GUNN,CARR,ROCK,BRIN
1.3.1.2.9.1	Develop monthly telescope maintenance plan	Fri 7/27/01	LEGE
1.3.1.2.9.2	Develop quarterly telescope maintenance plan	Fri 7/27/01	LEGE
1.3.1.2.9.3	Develop annual telescope maintenance plan	Fri 7/27/01	LEGE
1.3.1.2.10.2.2	Install doghouse access door (w/camera in ops bldg.)	Wed 7/25/01	LEGE,BAST
1.3.1.2.10.2.14.1	Inventory spare parts on site	Thu 8/9/01	GONZ-L
1.3.2.1.1.2.5.4	Complete/turn over FFS lamp heat removal system documentation	Thu 7/26/01	LEGE
1.3.2.3.7.1.2.1.4	Complete/turn over inside manipulator truck switch installation documentation	Fri 8/3/01	LEGE
1.3.2.4.1.1.2.3	Reinstall PT mirror after re-aluminizing	Mon 7/23/01	LEGE,BRIN,GONZ-C
1.3.2.4.1.1.2.4	Collimate PT after mirror aluminizing	Mon 7/30/01	BRIN,OBSE
Week of July 30			
1.3.2.1.8.3.8	Test instrument latch controller version 2 at APO	Tue 7/31/01	GONZ-C,FEDE
1.3.1.2.10.2.15.1	Generate plan to identify/procure/maintain spare parts inventory	Fri 8/3/01	BORO,LEGE
1.3.2.1.1.3.3.7	Connect windbaffle wind sensors to TPM and test	Tue 7/31/01	GONZ-C,MCGE
1.3.1.2.10.2.14.1	Inventory spare parts on site	Thu 8/9/01	GONZ-L

WBS	Task Name	Est. Finish	Resource
Week of July 30, continued			
1.3.2.3.7.1.2.1.4	Complete/turn over inside manipulator truck switch installation documentation	Fri 8/3/01	LEGE
1.3.2.4.1.1.2.4	Collimate PT after mirror aluminizing	Mon 7/30/01	BRIN,OBSE
Week of August 6			
1.3.1.2.10.2.15.2	Review and approve spare parts inventory plan	Tue 8/7/01	BORO,GUNN,LEGE
1.3.2.4.1.2.2.3.1.1	Inspect PT filterbox for repair	Fri 8/10/01	UOMO,BRIN
1.3.2.4.1.2.2.3.1.2	Repair PT filterbox	Thu 8/16/01	UOMO,BRIN
1.3.1.2.10.2.14.1	Inventory spare parts on site	Thu 8/9/01	GONZ-L
1.3.1.2.10.2.14.2	Identify required spare parts	Wed 8/22/01	LEGE,GONZ-L
1.3.2.1.2.2.2.5.1	Prepare conceptual design for M2 truss handling fixture	Wed 8/22/01	LEGE
1.3.6.6.2.1.1	Collect inst lift data for EC with corrector lens	Wed 8/22/01	LEGE,ANDE-J,FEDE
Week of August 13			
1.3.2.4.1.2.2.3.1.2	Repair PT filterbox	Thu 8/16/01	UOMO,BRIN
1.3.2.4.1.2.2.3.1.4	Complete/Turnover revised documentation to reflect as-built configuration of PT filterbox cor	Thu 8/30/01	UOMO,BRIN
1.3.1.2.10.2.14.2	Identify required spare parts	Wed 8/22/01	LEGE,GONZ-L
1.3.2.1.2.2.2.5.1	Prepare conceptual design for M2 truss handling fixture	Wed 8/22/01	LEGE
1.3.2.4.2.7.4	Turnover documentation for remote-actuated PT lower shutter	Thu 8/30/01	LEGE
1.3.6.6.2.1.1	Collect inst lift data for EC with corrector lens	Wed 8/22/01	LEGE,ANDE-J,FEDE
Week of August 20			
1.3.2.4.1.2.2.3.1.4	Complete/Turnover revised documentation to reflect as-built configuration of PT filterbox cor	Thu 8/30/01	UOMO,BRIN
1.3.2.1.2.2.1.6.3	Review design for remote battery mounts for lateral linear gages	Tue 8/28/01	LEGE,GUNN,BORO
1.3.1.2.10.2.14.2	Identify required spare parts	Wed 8/22/01	LEGE,GONZ-L
1.3.2.1.2.2.2.5.1	Prepare conceptual design for M2 truss handling fixture	Wed 8/22/01	LEGE
1.3.2.4.2.7.4	Turnover documentation for remote-actuated PT lower shutter	Thu 8/30/01	LEGE
1.3.6.6.2.1.1	Collect inst lift data for EC with corrector lens	Wed 8/22/01	LEGE,ANDE-J,FEDE
1.3.6.6.2.1.2	Develop distance/force table for EC with corrector lens	Sat 9/8/01	LEGE,ANDE-J,FEDE
1.3.6.6.2.2.1	Collect inst lift data for cartridge with corrector lens	Fri 9/7/01	LEGE,ANDE-J,FEDE
1.3.6.6.2.2.2	Develop distance/force table for cartridge with corrector lens	Sat 9/8/01	LEGE,ANDE-J,FEDE
1.3.6.6.2.3.2	Develop distance/force table for camera and saddle	Sat 9/8/01	LEGE,ANDE-J,FEDE
Week of August 27			
1.3.2.4.1.2.2.3.1.4	Complete/Turnover revised documentation to reflect as-built configuration of PT filterbox cor	Thu 8/30/01	UOMO,BRIN
1.3.2.1.2.2.1.6.3	Review design for remote battery mounts for lateral linear gages	Tue 8/28/01	LEGE,GUNN,BORO
1.3.2.1.2.2.2.5.3	Create shop drawings for M2 truss handling hardware	Wed 9/5/01	LEGE
1.3.2.4.2.7.4	Turnover documentation for remote-actuated PT lower shutter	Thu 8/30/01	LEGE
1.3.6.6.2.1.2	Develop distance/force table for EC with corrector lens	Sat 9/8/01	LEGE,ANDE-J,FEDE
1.3.6.6.2.2.1	Collect inst lift data for cartridge with corrector lens	Fri 9/7/01	LEGE,ANDE-J,FEDE
1.3.6.6.2.2.2	Develop distance/force table for cartridge with corrector lens	Sat 9/8/01	LEGE,ANDE-J,FEDE
1.3.6.6.2.3.2	Develop distance/force table for camera and saddle	Sat 9/8/01	LEGE,ANDE-J,FEDE
Week of September 3			
1.3.6.2.2	Test common corrector cell purge system	Thu 9/6/01	LEGE,GONZ-C,LUPT
1.3.2.1.2.2.2.1.5	Install M2 thermal radiation shield	Wed 9/12/01	BAST,GONZ-C,CARE
1.3.1.2.10.2.10.1	Inventory optics handling hardware	Thu 9/13/01	LEGE,SABI
1.3.1.2.10.2.14.4	Procure required spare parts	Wed 11/21/01	LEGE
1.3.2.1.2.2.2.5.3	Create shop drawings for M2 truss handling hardware	Wed 9/5/01	LEGE
1.3.2.1.2.2.2.5.4	Fabricate M2 truss handling fixture	Tue 9/25/01	VEND,LEGE
1.3.2.3.4.2.2.6.6	Receive 9/01 dark run plug plates and update plug plate database	Fri 9/7/01	BLYT
1.3.6.6.2.1.2	Develop distance/force table for EC with corrector lens	Sat 9/8/01	LEGE,ANDE-J,FEDE
1.3.6.6.2.2.1	Collect inst lift data for cartridge with corrector lens	Fri 9/7/01	LEGE,ANDE-J,FEDE
1.3.6.6.2.2.2	Develop distance/force table for cartridge with corrector lens	Sat 9/8/01	LEGE,ANDE-J,FEDE

WBS	Task Name	Est. Finish	Resource
Week of September 3, continued			
1.3.6.6.2.3.1	Collect inst lift data for camera and saddle on ops cart	Fri 9/7/01	LEGE,ANDE-J,FEDE
1.3.6.6.2.3.2	Develop distance/force table for camera and saddle	Sat 9/8/01	LEGE,ANDE-J,FEDE
Week of September 10			
1.3.2.1.2.2.2.1.5	Install M2 thermal radiation shield	Wed 9/12/01	BAST,GONZ-C,CARE
1.3.1.2.10.2.10.1	Inventory optics handling hardware	Thu 9/13/01	LEGE,SABI
1.3.1.2.10.2.10.2	Assemble optics handling hardware documentation	Thu 9/27/01	SABI
1.3.1.2.10.2.14.4	Procure required spare parts	Wed 11/21/01	LEGE
1.3.2.1.2.2.2.5.4	Fabricate M2 truss handling fixture	Tue 9/25/01	VEND,LEGE
Week of September 17			
1.3.1.2.8.4.7	Complete/turn over documentation for PMSS monitoring system	Fri 9/28/01	BRIN
1.3.1.2.10.2.10.2	Assemble optics handling hardware documentation	Thu 9/27/01	SABI
1.3.1.2.10.2.14.4	Procure required spare parts	Wed 11/21/01	LEGE
1.3.2.1.1.2.7.1	Prepare conceptual design for telescope counterweight upgrade	Fri 10/5/01	LEGE
1.3.2.1.2.2.2.5.4	Fabricate M2 truss handling fixture	Tue 9/25/01	VEND,LEGE
Week of September 24			
1.3.2.1.2.2.1.3.5	Install M1 retainer stops	Thu 10/4/01	LEGE,BAST
1.3.2.1.2.2.1.6.5	Install new lateral linear gages and remote batteries on M1	Fri 9/28/01	GONZ-C,CARE
1.3.2.1.2.2.1.6.6	Test new lateral linear gages on M1	Tue 10/2/01	GONZ-C,CARE
1.3.1.2.8.4.7	Complete/turn over documentation for PMSS monitoring system	Fri 9/28/01	BRIN
1.3.1.2.10.2.10.2	Assemble optics handling hardware documentation	Thu 9/27/01	SABI
1.3.1.2.10.2.14.4	Procure required spare parts	Wed 11/21/01	LEGE
1.3.2.1.1.2.7.1	Prepare conceptual design for telescope counterweight upgrade	Fri 10/5/01	LEGE
1.3.2.1.1.2.12.1.2.6.5	Remove electronics from PSS during M1 aluminizing process	Thu 10/4/01	BRIN
1.3.2.1.2.1.2.1.2.1	Perform lift test on enclosure crane prior to M1 removal	Wed 9/26/01	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.1.2.2	Disassemble telescope for M1 re-aluminizing	Wed 9/26/01	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.1.2.3	Remove M1 for re-aluminizing	Thu 9/27/01	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.1.2.4	Pack mirror for re-aluminizing	Thu 9/27/01	LEGE,BAST,GONZ-C
1.3.2.1.2.2.2.5.4	Fabricate M2 truss handling fixture	Tue 9/25/01	VEND,LEGE
1.3.2.1.2.2.2.5.6	Complete/turn over M2 truss handling fixture work documentation	Tue 10/9/01	LEGE
Week of October 1			
1.3.2.1.2.2.1.3.5	Install M1 retainer stops	Thu 10/4/01	LEGE,BAST
1.3.2.1.2.2.1.6.6	Test new lateral linear gages on M1	Tue 10/2/01	GONZ-C,CARE
1.3.1.2.6.1.1.2	Make motion control performance baseline measurements	Tue 11/6/01	LONG,DREN,GONZ-C
1.3.1.2.8.4.5	Complete/turn over windbaffle handling hardware documentation	Sun 10/7/01	POLL,LEGE
1.3.1.2.10.1.2	M1 handling procedure	Sun 10/7/01	LEGE,OWEN
1.3.1.2.10.1.4	M2 handling procedure	Sun 10/7/01	LEGE,OWEN
1.3.1.2.10.1.6	M2 cleaning procedure	Sun 10/7/01	LEGE
1.3.1.2.10.1.7	M2 truss handling procedure	Sun 10/7/01	LEGE
1.3.1.2.10.1.8	Windbaffle handling procedure	Sun 10/7/01	LEGE
1.3.1.2.10.2.14.4	Procure required spare parts	Wed 11/21/01	LEGE
1.3.2.1.1.2.7.1	Prepare conceptual design for telescope counterweight upgrade	Fri 10/5/01	LEGE
1.3.2.1.1.2.12.1.2.6.5	Remove electronics from PSS during M1 aluminizing process	Thu 10/4/01	BRIN
1.3.2.1.1.2.12.1.2.6.6	Mount electronics to outside of PSS	Thu 10/11/01	BRIN
1.3.2.1.2.2.2.5.6	Complete/turn over M2 truss handling fixture work documentation	Tue 10/9/01	LEGE
Week of October 8			
1.3.1.2.8.4.3	Complete/turn over PSS thermometers documentation	Sat 10/27/01	BRIN
1.3.1.2.8.4.18	Complete/turn over documentation for telescope cooling loop system	Fri 10/19/01	CARR,LEGE
1.3.1.2.6.1.1.2	Make motion control performance baseline measurements	Tue 11/6/01	LONG,DREN,GONZ-C

WBS	Task Name	Est. Finish	Resource
Week of October 8, continued			
1.3.1.2.10.2.14.4	Procure required spare parts	Wed 11/21/01	LEGE
1.3.2.1.1.2.12.1.2.6.6	Mount electronics to outside of PSS	Thu 10/11/01	BRIN
1.3.2.1.1.2.12.1.2.6.7	Test and verify performance of all systems associated with relocated PSS electronics	Fri 10/12/01	BRIN
1.3.2.1.1.2.12.1.2.6.8	Measure and record temperature of M1 with electronics on outside of PSS	Mon 10/15/01	BRIN
1.3.2.1.2.1.2.1.2.8	Reinstall M1 onto telescope after re-aluminizing	Wed 10/10/01	LEGE,GUNN,CARR
1.3.2.1.2.1.2.1.2.9	Reassemble telescope after M1 re-aluminizing	Thu 10/11/01	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.1.2.10	Verify telescope and windbaffle balance	Fri 10/12/01	LEGE,GONZ-C
1.3.2.1.2.2.2.5.6	Complete/turn over M2 truss handling fixture work documentation	Tue 10/9/01	LEGE
Week of October 15			
1.3.1.2.8.4.3	Complete/turn over PSS thermometers documentation	Sat 10/27/01	BRIN
1.3.1.2.8.4.18	Complete/turn over documentation for telescope cooling loop system	Fri 10/19/01	CARR,LEGE
1.3.1.2.6.1.1.2	Make motion control performance baseline measurements	Tue 11/6/01	LONG,DREN,GONZ-C
1.3.1.2.10.2.14.4	Procure required spare parts	Wed 11/21/01	LEGE
1.3.2.1.1.2.7.3	Create shop drawings for telescope counterweight upgrade	Fri 10/26/01	LEGE
1.3.2.1.1.2.12.1.2.6.8	Measure and record temperature of M1 with electronics on outside of PSS	Mon 10/15/01	BRIN
1.3.2.1.1.2.12.1.2.6.10	Complete/turnover electricals relocation from PSS documentation	Mon 10/29/01	BRIN
Week of October 22			
1.3.1.2.8.4.3	Complete/turn over PSS thermometers documentation	Sat 10/27/01	BRIN
1.3.1.2.10.1.11.1	Generate spectrograph handling procedure	Wed 11/21/01	BRIN
1.3.1.2.6.1.1.2	Make motion control performance baseline measurements	Tue 11/6/01	LONG,DREN,GONZ-C
1.3.1.2.10.2.14.4	Procure required spare parts	Wed 11/21/01	LEGE
1.3.2.1.1.2.7.3	Create shop drawings for telescope counterweight upgrade	Fri 10/26/01	LEGE
1.3.2.1.1.2.12.1.2.6.10	Complete/turnover electricals relocation from PSS documentation	Mon 10/29/01	BRIN
Week of October 29			
1.3.1.2.10.1.11.1	Generate spectrograph handling procedure	Wed 11/21/01	BRIN
1.3.1.2.6.1.1.2	Make motion control performance baseline measurements	Tue 11/6/01	LONG,DREN,GONZ-C
1.3.1.2.10.2.14.4	Procure required spare parts	Wed 11/21/01	LEGE
1.3.2.1.1.2.7.4	Procure new slides for telescope counterweights	Fri 11/9/01	LEGE,VEND
1.3.2.1.1.2.12.1.2.6.10	Complete/turnover electricals relocation from PSS documentation	Mon 10/29/01	BRIN
1.3.2.3.4.2.2.7.6	Receive 10/01 dark run plug plates and update plug plate database	Mon 10/29/01	BLYT
1.3.2.4.2.11.6	APO receive and inventory PT spare parts from JHU	Fri 11/2/01	LEGE
Week of November 5			
1.3.1.2.10.1.11.1	Generate spectrograph handling procedure	Wed 11/21/01	BRIN
1.3.1.2.6.1.1.2	Make motion control performance baseline measurements	Tue 11/6/01	LONG,DREN,GONZ-C
1.3.1.2.10.2.14.4	Procure required spare parts	Wed 11/21/01	LEGE
1.3.2.1.1.2.7.4	Procure new slides for telescope counterweights	Fri 11/9/01	LEGE,VEND
Week of November 12			
1.3.1.2.10.1.11.1	Generate spectrograph handling procedure	Wed 11/21/01	BRIN
1.3.1.2.10.2.14.4	Procure required spare parts	Wed 11/21/01	LEGE
Week of November 19			
1.3.1.2.10.1.11.1	Generate spectrograph handling procedure	Wed 11/21/01	BRIN
1.3.1.2.10.1.11.2	Review spectrograph handling procedure	Wed 12/5/01	UOMO,LEGE
1.3.1.2.10.2.14.4	Procure required spare parts	Wed 11/21/01	LEGE
Week of November 26			
1.3.1.2.10.1.11.2	Review spectrograph handling procedure	Wed 12/5/01	UOMO,LEGE
1.3.2.1.1.2.7.6	Assemble & install new telescope counterweight system	Mon 11/26/01	BAST,LEGE
1.3.2.1.1.2.7.7	Test new telescope counterweight system	Thu 11/29/01	LEGE,BAST

WBS	Task Name	Est. Finish	Resource
Week of November 26, continued			
1.3.2.1.1.2.7.9	Complete/turn over documentation for new telescope counterweight system	Thu 12/13/01	LEGE
Week of December 3			
1.3.1.2.10.1.11.2	Review spectrograph handling procedure	Wed 12/5/01	UOMO,LEGE
1.3.1.2.10.1.11.3	Validate spectrograph handling procedure	Wed 12/12/01	BRIN,LEGE
1.3.1.2.8.4.16	Complete/turn over documentation for safety latch system for SC lens	Thu 12/13/01	LEGE,POLL
1.3.2.1.1.2.7.9	Complete/turn over documentation for new telescope counterweight system	Thu 12/13/01	LEGE
1.3.2.3.4.2.2.9.6	Receive 12/01 dark run plug plates and update plug plate database	Mon 12/3/01	BLYT
Week of December 10			
1.3.1.2.10.1.11.3	Validate spectrograph handling procedure	Wed 12/12/01	BRIN,LEGE
1.3.1.2.8.4.1	Complete/turn over windbaffle azimuth cam followers documentation	Thu 12/13/01	LEGE,POLL
1.3.1.2.8.4.15	Complete/turn over confined space rails in lower level pit documentation	Thu 12/13/01	LEGE,POLL
1.3.1.2.8.4.16	Complete/turn over documentation for safety latch system for SC lens	Thu 12/13/01	LEGE,POLL
1.3.1.2.8.4.17	Complete/turn over telescope-windbaffle az and alt shock absorbers documentation	Thu 12/13/01	LEGE,POLL
1.3.2.1.1.2.7.9	Complete/turn over documentation for new telescope counterweight system	Thu 12/13/01	LEGE
Week of December 31			
1.3.2.2.1.1.3.1	Design imager calibration system recabling	Wed 1/2/02	BRIN
1.3.2.2.1.1.3.2	Fabricate imager calibration system recabling	Wed 1/9/02	GONZ-C
1.3.2.1.1.2.2.1	Prepare conceptual design for new doghouse door actuator	Mon 1/14/02	LEGE
1.3.2.1.1.3.6.1	Design windbaffle light baffle plates	Tue 2/19/02	LEGE
1.3.2.1.2.1.2.1.3.1	Perform lift test on enclosure crane prior to M1 removal	Tue 1/1/02	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.1.3.2	Disassemble telescope for M1 re-aluminizing	Wed 1/2/02	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.1.3.3	Remove M1 for re-aluminizing	Thu 1/3/02	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.1.3.4	Pack and ship M1 mirror for re-aluminizing	Mon 1/7/02	LEGE,BAST,GONZ-C
Week of January 7			
1.3.2.2.1.1.3.2	Fabricate imager calibration system recabling	Wed 1/9/02	GONZ-C
1.3.2.2.1.1.3.3	Bench test imager calibration system recabling	Wed 1/16/02	BRIN,GONZ-C
1.3.2.1.1.2.2.1	Prepare conceptual design for new doghouse door actuator	Mon 1/14/02	LEGE
1.3.2.1.1.3.6.1	Design windbaffle light baffle plates	Tue 2/19/02	LEGE
1.3.2.1.2.1.2.1.3.4	Pack and ship M1 mirror for re-aluminizing	Mon 1/7/02	LEGE,BAST,GONZ-C
Week of January 14			
1.3.2.2.1.1.3.3	Bench test imager calibration system recabling	Wed 1/16/02	BRIN,GONZ-C
1.3.2.2.1.1.3.4	Install/Test imager calibration system recabling	Wed 1/23/02	BRIN
1.3.2.1.1.2.6.2	Review & approve design for moth deterrent system	Wed 1/23/02	LEGE,GUNN,BORO
1.3.2.1.1.2.2.1	Prepare conceptual design for new doghouse door actuator	Mon 1/14/02	LEGE
1.3.2.1.1.3.6.1	Design windbaffle light baffle plates	Tue 2/19/02	LEGE
1.3.2.1.2.1.2.1.3.7	Reinstall M1 onto telescope after re-aluminizing	Mon 1/14/02	LEGE,GUNN,CARR
1.3.2.1.2.1.2.1.3.8	Reassemble telescope after M1 re-aluminizing	Wed 1/16/02	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.1.3.9	Verify telescope and windbaffle balance	Thu 1/17/02	LEGE,GONZ-C
Week of January 21			
1.3.2.2.1.1.3.4	Install/Test imager calibration system recabling	Wed 1/23/02	BRIN
1.3.2.2.1.1.3.6	Turnover documentation for Imager calibration system recabling work	Wed 2/6/02	BRIN
1.3.2.1.1.2.6.2	Review & approve design for moth deterrent system	Wed 1/23/02	LEGE,GUNN,BORO
1.3.2.1.1.3.6.1	Design windbaffle light baffle plates	Tue 2/19/02	LEGE
Week of January 28			
1.3.2.2.1.1.3.6	Turnover documentation for Imager calibration system recabling work	Wed 2/6/02	BRIN
1.3.2.1.1.2.2.3	Create shop drawings for new doghouse door actuator	Mon 2/11/02	LEGE
1.3.2.1.1.3.6.1	Design windbaffle light baffle plates	Tue 2/19/02	LEGE

WBS	Task Name	Est. Finish	Resource
Week of January 28, continued			
1.3.1.2.6.1.4.2	Make imaging camera performance baseline measurements	Mon 2/18/02	ROCK,BRIN
Week of February 4			
1.3.2.2.1.1.3.6	Turnover documentation for Imager calibration system recabling work	Wed 2/6/02	BRIN
1.3.2.1.1.2.2.3	Create shop drawings for new doghouse door actuator	Mon 2/11/02	LEGE
1.3.2.1.1.3.6.1	Design windbaffle light baffle plates	Tue 2/19/02	LEGE
1.3.1.2.6.1.4.2	Make imaging camera performance baseline measurements	Mon 2/18/02	ROCK,BRIN
Week of February 11			
1.3.2.1.1.2.2.3	Create shop drawings for new doghouse door actuator	Mon 2/11/02	LEGE
1.3.2.1.1.3.6.1	Design windbaffle light baffle plates	Tue 2/19/02	LEGE
1.3.1.2.6.1.4.2	Make imaging camera performance baseline measurements	Mon 2/18/02	ROCK,BRIN
Week of February 18			
1.3.2.1.1.3.6.1	Design windbaffle light baffle plates	Tue 2/19/02	LEGE
1.3.1.2.6.1.4.2	Make imaging camera performance baseline measurements	Mon 2/18/02	ROCK,BRIN
1.3.1.2.6.1.4.3	Analyze imaging camera performance baseline measurements	Mon 2/25/02	ROCK,BRIN
Week of February 25			
1.3.1.2.6.1.4.3	Analyze imaging camera performance baseline measurements	Mon 2/25/02	ROCK,BRIN
Week of March 4			
1.3.2.1.1.2.2.5	Install new doghouse door actuator	Fri 3/8/02	LEGE,BAST,GONZ-C
1.3.2.5.2.2.1.5.5	Review cloud camera design work	Wed 3/13/02	UOMO,LEGE,CARE,GUNN
Week of March 11			
1.3.2.1.1.2.2.7	Complete/turn over doghouse door upgrade documentation	Fri 3/22/02	LEGE
1.3.2.1.1.3.6.4	Install windbaffle light baffle plates	Wed 3/27/02	BAST
1.3.2.5.2.2.1.5.5	Review cloud camera design work	Wed 3/13/02	UOMO,LEGE,CARE,GUNN
Week of March 18			
1.3.2.1.1.2.2.7	Complete/turn over doghouse door upgrade documentation	Fri 3/22/02	LEGE
1.3.2.1.1.3.6.4	Install windbaffle light baffle plates	Wed 3/27/02	BAST
Week of March 25			
1.3.2.1.1.2.6.5	Install moth deterrent system	Tue 4/2/02	CARE,BAST,GONZ-C
1.3.2.1.2.2.2.4.13	Assemble and test control system w/Dummy weight	Tue 3/26/02	GUNN,CARR,CARE,LEGE,OWEN
1.3.2.1.2.2.2.4.14	Remove dummy weight	Tue 3/26/02	GUNN,CARR,CARE,LEGE,OWEN
1.3.2.1.2.2.2.4.15	Install M2 mirror and test control system	Wed 3/27/02	GUNN,CARR,CARE,LEGE,OWEN
1.3.2.1.2.2.2.4.16	Check alignment with hard stops	Thu 3/28/02	GUNN,CARR,CARE,LEGE,OWEN
1.3.2.1.1.3.6.4	Install windbaffle light baffle plates	Wed 3/27/02	BAST
1.3.2.1.1.3.6.6	Complete/turn over windbaffle light baffle plates documentation	Wed 4/3/02	POLL,LEGE
Week of April 1			
1.3.2.1.1.2.6.5	Install moth deterrent system	Tue 4/2/02	CARE,BAST,GONZ-C
1.3.2.1.1.3.6.6	Complete/turn over windbaffle light baffle plates documentation	Wed 4/3/02	POLL,LEGE
Week of April 22			
1.3.2.1.2.2.3.1.2	Review design seal between cartridge and corrector lens	Mon 5/20/02	LEGE,GUNN,BORO
Week of April 29			
1.3.1.2.6.1.2.2	Make M1 performance baseline measurements	Thu 5/16/02	CARE,OWEN,GONZ-C
1.3.2.1.2.2.3.1.2	Review design seal between cartridge and corrector lens	Mon 5/20/02	LEGE,GUNN,BORO

WBS	Task Name	Est. Finish	Resource
Week of May 6			
1.3.1.2.6.1.2.2	Make M1 performance baseline measurements	Thu 5/16/02	CARE,OWEN,GONZ-C
1.3.1.2.6.1.3.2	Make M2 performance baseline measurements	Thu 5/16/02	CARE,OWEN,GONZ-C
1.3.2.1.2.2.3.1.2	Review design seal between cartridge and corrector lens	Mon 5/20/02	LEGE,GUNN,BORO
Week of May 13			
1.3.1.2.6.1.2.2	Make M1 performance baseline measurements	Thu 5/16/02	CARE,OWEN,GONZ-C
1.3.1.2.6.1.3.2	Make M2 performance baseline measurements	Thu 5/16/02	CARE,OWEN,GONZ-C
1.3.2.1.2.2.3.1.2	Review design seal between cartridge and corrector lens	Mon 5/20/02	LEGE,GUNN,BORO
Week of May 20			
1.3.2.1.2.2.3.1.3	Fabricate seal between cartridge and corrector lens	Mon 7/1/02	BAST
1.3.2.1.2.1.2.2.1.1	Perform lift test on enclosure crane prior to M2 removal	Thu 5/23/02	LEGE,BAST,GONZ-C
1.3.2.1.2.2.3.1.2	Review design seal between cartridge and corrector lens	Mon 5/20/02	LEGE,GUNN,BORO
Week of May 27			
1.3.2.1.2.2.3.1.3	Fabricate seal between cartridge and corrector lens	Mon 7/1/02	BAST
Week of June 3			
1.3.2.1.2.2.3.1.3	Fabricate seal between cartridge and corrector lens	Mon 7/1/02	BAST
Week of June 10			
1.3.2.1.2.2.3.1.3	Fabricate seal between cartridge and corrector lens	Mon 7/1/02	BAST
Week of June 17			
1.3.2.1.2.2.3.1.3	Fabricate seal between cartridge and corrector lens	Mon 7/1/02	BAST
1.3.2.1.2.1.2.2.1.2	Disassemble telescope for M2 re-aluminizing	Thu 6/20/02	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.2.1.3	Remove M2 for re-aluminizing	Fri 6/21/02	LEGE,BAST,GONZ-C
Week of June 24			
1.3.2.1.2.2.3.1.3	Fabricate seal between cartridge and corrector lens	Mon 7/1/02	BAST
1.3.2.1.2.1.2.2.1.4	Pack and ship M2 mirror for re-aluminizing	Tue 6/25/02	LEGE,BAST,GONZ-C
Week of July 1			
1.3.1.2.6.1.5.1	Develop plan for spectrograph performance baseline measurements	Fri 7/26/02	BRIN
1.3.1.2.6.1.6.1	Develop plan for DA performance baseline measurements	Fri 7/26/02	BRIN
1.3.2.1.2.2.3.1.3	Fabricate seal between cartridge and corrector lens	Mon 7/1/02	BAST
1.3.2.1.2.2.3.1.4	Install seal between cartridge and corrector lens	Mon 7/8/02	LEGE,GONZ-C
1.3.2.1.2.1.2.2.1.6	Reinstall M2 onto telescope after re-aluminizing	Mon 7/1/02	LEGE,GUNN,CARR
1.3.2.1.2.1.2.2.1.7	Reassemble telescope after M2 re-aluminizing	Wed 7/3/02	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.2.1.8	Verify telescope and windbaffle balance	Thu 7/4/02	LEGE,GONZ-C
Week of July 8			
1.3.1.2.6.1.5.1	Develop plan for spectrograph performance baseline measurements	Fri 7/26/02	BRIN
1.3.1.2.6.1.6.1	Develop plan for DA performance baseline measurements	Fri 7/26/02	BRIN
1.3.2.1.2.2.3.1.4	Install seal between cartridge and corrector lens	Mon 7/8/02	LEGE,GONZ-C
1.3.2.1.2.2.3.1.5	Test seal between cartridge and corrector lens	Mon 7/15/02	CARE,BAST
Week of July 15			
1.3.1.2.6.1.5.1	Develop plan for spectrograph performance baseline measurements	Fri 7/26/02	BRIN
1.3.1.2.6.1.6.1	Develop plan for DA performance baseline measurements	Fri 7/26/02	BRIN
1.3.2.1.2.2.3.1.5	Test seal between cartridge and corrector lens	Mon 7/15/02	CARE,BAST
Week of July 22			
1.3.1.2.6.1.5.1	Develop plan for spectrograph performance baseline measurements	Fri 7/26/02	BRIN
1.3.1.2.6.1.6.1	Develop plan for DA performance baseline measurements	Fri 7/26/02	BRIN

WBS	Task Name	Est. Finish	Resource
Week of July 29			
1.3.1.2.6.1.5.2	Make spectrograph performance baseline measurements	Fri 8/9/02	BRIN,SCHL
1.3.1.2.6.1.6.2	Make DA performance baseline measurements	Fri 8/23/02	BRIN
Week of August 5			
1.3.1.2.6.1.5.2	Make spectrograph performance baseline measurements	Fri 8/9/02	BRIN,SCHL
1.3.1.2.6.1.6.2	Make DA performance baseline measurements	Fri 8/23/02	BRIN
Week of August 12			
1.3.1.2.6.1.5.3	Analyze spectrograph performance baseline measurements	Fri 8/16/02	BRIN,SCHL
1.3.1.2.6.1.6.2	Make DA performance baseline measurements	Fri 8/23/02	BRIN
Week of August 19			
1.3.1.2.6.1.5.4	Write spectrograph system baseline performance report	Fri 8/23/02	BRIN
1.3.1.2.6.1.6.2	Make DA performance baseline measurements	Fri 8/23/02	BRIN
Week of August 26			
1.3.1.2.6.1.6.3	Analyze DA performance baseline measurements	Fri 9/6/02	BRIN
Week of September 2			
1.3.1.2.6.1.6.3	Analyze DA performance baseline measurements	Fri 9/6/02	BRIN
Week of September 9			
1.3.1.2.6.1.6.4	Write DA system baseline performance report	Fri 9/13/02	BRIN
Week of October 7			
1.3.2.4.1.1.3.1	Remove PT mirror for re-aluminizing	Mon 10/7/02	LEGE,BAST,GONZ-C
1.3.2.4.1.1.3.2	Re-aluminize PT mirror at Sunspot	Thu 10/10/02	KLAE,BRIN
1.3.2.4.1.1.3.3	Reinstall PT mirror after re-aluminizing	Fri 10/11/02	LEGE,BRIN,GONZ-C
Week of October 14			
1.3.2.4.1.1.3.4	Collimate PT after mirror aluminizing	Mon 10/14/02	BRIN,OBSE
Week of December 30			
1.3.2.1.1.2.3.1	Prepare conceptual design for umbilical tower upgrade	Tue 1/14/03	LEGE
1.3.2.1.1.3.5.1	Design windbaffle cover tarp	Tue 1/7/03	LEGE
1.3.2.1.2.1.2.1.4.1	Perform lift test on enclosure crane prior to M1 removal	Wed 1/1/03	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.1.4.2	Disassemble telescope for M1 re-aluminizing	Thu 1/2/03	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.1.4.3	Remove M1 for re-aluminizing	Fri 1/3/03	LEGE,BAST,GONZ-C
Week of January 6			
1.3.2.1.1.2.3.1	Prepare conceptual design for umbilical tower upgrade	Tue 1/14/03	LEGE
1.3.2.1.1.3.5.1	Design windbaffle cover tarp	Tue 1/7/03	LEGE
1.3.2.1.2.1.2.1.4.4	Pack and ship M1 mirror for re-aluminizing	Tue 1/7/03	LEGE,BAST,GONZ-C
Week of January 13			
1.3.2.1.1.2.3.1	Prepare conceptual design for umbilical tower upgrade	Tue 1/14/03	LEGE
1.3.2.1.2.1.2.1.4.7	Reinstall M1 onto telescope after re-aluminizing	Tue 1/14/03	LEGE,GUNN,CARR
1.3.2.1.2.1.2.1.4.8	Reassemble telescope after M1 re-aluminizing	Thu 1/16/03	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.1.4.9	Verify telescope and windbaffle balance	Fri 1/17/03	LEGE,GONZ-C
Week of January 20			
1.3.2.1.1.2.3.3	Create shop drawings for umbilical tower upgrade	Tue 2/11/03	LEGE
Week of January 27			
1.3.2.1.1.2.3.3	Create shop drawings for umbilical tower upgrade	Tue 2/11/03	LEGE

WBS	Task Name	Est. Finish	Resource
Week of February 3			
1.3.2.1.1.2.3.3	Create shop drawings for umbilical tower upgrade	Tue 2/11/03	LEGE
Week of February 10			
1.3.2.1.1.2.3.3	Create shop drawings for umbilical tower upgrade	Tue 2/11/03	LEGE
Week of March 24			
1.3.2.1.1.2.3.5	Install umbilical tower upgrade	Tue 4/1/03	LEGE,BAST,GONZ-C
Week of March 31			
1.3.2.1.1.2.3.5	Install umbilical tower upgrade	Tue 4/1/03	LEGE,BAST,GONZ-C
1.3.2.1.1.2.3.6	Test umbilical tower upgrade	Tue 4/8/03	LEGE,BAST,GONZ-C
Week of April 7			
1.3.2.1.1.2.3.6	Test umbilical tower upgrade	Tue 4/8/03	LEGE,BAST,GONZ-C
1.3.2.1.1.2.3.8	Complete/turn over umbilical tower upgrade documentation	Mon 4/21/03	LEGE
Week of April 14			
1.3.2.1.1.2.3.8	Complete/turn over umbilical tower upgrade documentation	Mon 4/21/03	LEGE
Week of April 21			
1.3.2.1.1.2.3.8	Complete/turn over umbilical tower upgrade documentation	Mon 4/21/03	LEGE
Week of May 12			
1.3.2.1.2.1.2.2.2.1	Perform lift test on enclosure crane prior to M2 removal	Mon 5/12/03	LEGE,BAST,GONZ-C
Week of June 9			
1.3.2.1.2.1.2.2.2.2	Disassemble telescope for M2 re-aluminizing	Mon 6/9/03	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.2.2.3	Remove M2 for re-aluminizing	Tue 6/10/03	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.2.2.4	Pack and ship M2 mirror for re-aluminizing	Thu 6/12/03	LEGE,BAST,GONZ-C
Week of June 16			
1.3.2.1.2.1.2.2.2.6	Reinstall M2 onto telescope after re-aluminizing	Wed 6/18/03	LEGE,GUNN,CARR
1.3.2.1.2.1.2.2.2.7	Reassemble telescope after M2 re-aluminizing	Fri 6/20/03	LEGE,BAST,GONZ-C
Week of June 23			
1.3.2.1.2.1.2.2.2.8	Verify telescope and windbaffle balance	Mon 6/23/03	LEGE,GONZ-C
Week of October 6			
1.3.2.4.1.1.4.1	Remove PT mirror for re-aluminizing	Mon 10/6/03	LEGE,BAST,GONZ-C
1.3.2.4.1.1.4.2	Re-aluminize PT mirror at Sunspot	Thu 10/9/03	KLAE,BRIN
1.3.2.4.1.1.4.3	Reinstall PT mirror after re-aluminizing	Fri 10/10/03	LEGE,BRIN,GONZ-C
Week of October 13			
1.3.2.4.1.1.4.4	Collimate PT after mirror aluminizing	Mon 10/13/03	BRIN,OBSE
Week of December 29			
1.3.2.1.2.1.2.1.5.1	Perform lift test on enclosure crane prior to M1 removal	Thu 1/1/04	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.1.5.2	Disassemble telescope for M1 re-aluminizing	Fri 1/2/04	LEGE,BAST,GONZ-C
Week of January 5			
1.3.2.1.2.1.2.1.5.3	Remove M1 for re-aluminizing	Mon 1/5/04	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.1.5.4	Pack and ship M1 mirror for re-aluminizing	Wed 1/7/04	LEGE,BAST,GONZ-C
Week of January 12			
1.3.2.1.2.1.2.1.5.7	Reinstall M1 onto telescope after re-aluminizing	Wed 1/14/04	LEGE,GUNN,CARR
1.3.2.1.2.1.2.1.5.8	Reassemble telescope after M1 re-aluminizing	Fri 1/16/04	LEGE,BAST,GONZ-C

WBS	Task Name	Est. Finish	Resource
Week of January 19			
1.3.2.1.2.1.2.1.5.9	Verify telescope and windbaffle balance	Mon 1/19/04	LEGE,GONZ-C
Week of May 31			
1.3.2.1.2.1.2.2.3.1	Perform lift test on enclosure crane prior to M2 removal	Mon 5/31/04	LEGE,BAST,GONZ-C
Week of June 28			
1.3.2.1.2.1.2.2.3.2	Disassemble telescope for M2 re-aluminizing	Mon 6/28/04	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.2.3.3	Remove M2 for re-aluminizing	Tue 6/29/04	LEGE,BAST,GONZ-C
1.3.2.1.2.1.2.2.3.4	Pack and ship M2 mirror for re-aluminizing	Thu 7/1/04	LEGE,BAST,GONZ-C
Week of July 5			
1.3.2.1.2.1.2.2.3.6	Reinstall M2 onto telescope after re-aluminizing	Wed 7/7/04	LEGE,GUNN,CARR
1.3.2.1.2.1.2.2.3.7	Reassemble telescope after M2 re-aluminizing	Fri 7/9/04	LEGE,BAST,GONZ-C
Week of July 12			
1.3.2.1.2.1.2.2.3.8	Verify telescope and windbaffle balance	Mon 7/12/04	LEGE,GONZ-C
Week of October 4			
1.3.2.4.1.1.5.1	Remove PT mirror for re-aluminizing	Wed 10/6/04	LEGE,BAST,GONZ-C
1.3.2.4.1.1.5.2	Re-aluminize PT mirror at Sunspot	Mon 10/11/04	KLAE,BRIN
Week of October 11			
1.3.2.4.1.1.5.2	Re-aluminize PT mirror at Sunspot	Mon 10/11/04	KLAE,BRIN
1.3.2.4.1.1.5.3	Reinstall PT mirror after re-aluminizing	Tue 10/12/04	LEGE,BRIN,GONZ-C
1.3.2.4.1.1.5.4	Collimate PT after mirror aluminizing	Wed 10/13/04	BRIN,OBSE
Week of October 23			
1.3.2.3.4.2.2.8.6	Receive 11/01 dark run plug plates and update plug plate database	Thu 10/26/06	BLYT

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