

Tue 2/10/04			Mission Operations Readiness Schedule				Tue 2/10/04				
ID	Number	% Complete	Task Name	Start	Finish	Resources	Lnked To	03 Dec	Qtr 1, 2004	Qtr 2, 2004	Qtr 3, 2004
1		70%	Swift I&T Milestones	Wed 9/11/02	Wed 9/1/04			Dec	Jan	e	Mar
2		70%	Observatory I&T	Wed 9/11/02	Thu 6/10/04			Apr	a	Jun	Jul
3		0%	BAT Ops Summit	Fri 2/13/04	Fri 2/13/04			Aug	e		
4		0%	Internal Ops Status Review (IOSR)	Wed 2/11/04	Wed 2/11/04						
6		0%	Delta PER (DPER)	Tue 3/2/04	Tue 3/2/04						
7		0%	Contingency Ops Summit	Wed 3/3/04	Wed 3/3/04						
8		0%	OAWG (tentative)	Thu 3/4/04	Thu 3/4/04						
9		0%	Operations Readiness Review	Wed 7/7/04	Wed 7/7/04						
10		0%	Observatory to KSC	Thu 7/8/04	Thu 7/8/04						
11		0%	Launch	Wed 9/1/04	Wed 9/1/04						
12		19%	SIM Milestones	Tue 7/29/03	Wed 8/4/04						
13		100%	SIM 1a	Thu 10/2/03	Thu 10/2/03						
14		100%	SIM 1b part 1	Thu 10/2/03	Thu 10/2/03						
15		0%	SIM 1b part 2	Fri 5/7/04	Tue 5/11/04						
16		0%	SIM 1c	Fri 6/4/04	Tue 6/8/04						
17		0%	SIM 1d	Mon 8/2/04	Wed 8/4/04						
18		0%	SIM 2a	Wed 2/25/04	Wed 2/25/04						
19		0%	SIM 2b	Mon 4/26/04	Wed 4/28/04						
20		0%	SIM 2c	Tue 7/6/04	Mon 7/12/04						
21		100%	SIM 3a part 1	Tue 7/29/03	Tue 7/29/03						
22		0%	SIM 3a part 2	Fri 2/27/04	Fri 2/27/04						
23		100%	SIM 3a part 3	Thu 2/5/04	Thu 2/5/04						
24		0%	SIM 3b	Fri 4/2/04	Sat 4/3/04						
25		0%	SIM 3c	Mon 6/7/04	Mon 6/7/04						
26		77%	Documentation	Tue 10/1/02	Wed 8/4/04						
27		98%	Spacecraft Bus	Tue 10/1/02	Wed 8/4/04						
28		100%	CDRL Development	Wed 10/30/02	Mon 7/21/03						
29		100%	CDRL 9 SVH/OOH	Wed 10/30/02	Fri 5/9/03		0				
30		100%	CDRL10 T&C Handbook ? Is this the right date	Tue 2/11/03	Mon 7/21/03		0				
31		100%	CDRL 11 Flight Ops Plan	Sat 3/15/03	Wed 4/16/03		0				
32		100%	Spacecraft Vehicle Handbook (SVH)/On-orbit Operations Handbook (OOH)	Tue 10/1/02	Tue 10/1/02	Lisa Nelson					
33		0%	Spacecraft Vehicle Handbook (SVH)/On-orbit Operations Handbook (OOH) - Upda	Wed 8/4/04	Wed 8/4/04	Lisa Nelson	Launch -30d				
34		0%	SC FPD Volume 3: Observatory Flight Ops Procedure Inputs	Wed 3/10/04	Thu 3/11/04	Lisa Nelson	MOC FPD Vol 3				
35		0%	SC FPD Volume 4: Contingency Handbook Inputs	Tue 3/2/04	Wed 8/4/04	Lisa Nelson					
36		0%	SC Fault Isolation Trees - Draft	Tue 3/2/04	Tue 3/2/04	Lisa Nelson	DPER				
37		0%	SC Fault Isolation Trees - Operational Draft	Sun 3/21/04	Mon 3/22/04	Lisa Nelson	SIM 3b				
38		0%	SC Fault Isolation Trees - Updates	Mon 5/24/04	Mon 5/24/04	Lisa Nelson	SIM 3c				
39		0%	SC Fault Isolation Trees - SC Final	Wed 8/4/04	Wed 8/4/04	Lisa Nelson	Launch -30d				
40		0%	SC Flight Ops Procedures - Contingency - Final	Mon 5/31/04	Mon 5/31/04	Lisa Nelson	SIM 3b				
41		0%	BAT	Wed 3/10/04	Wed 8/4/04						
42		0%	BAT FSW - Engineering - User's Guide - Initial	Wed 4/28/04	Thu 4/29/04	Mike Blau					
43		0%	BAT FSW - Engineering - User's Guide - Final	Wed 7/7/04	Wed 7/7/04	Mike Blau	Launch - 60d				
44		0%	BAT FSW - Science - User's Guide - Initial	Wed 4/28/04	Thu 4/29/04	LANL					
45		0%	BAT FSW - Science - User's Guide - Final	Wed 7/7/04	Wed 7/7/04	LANL	Launch - 60d				

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ID	Number	% Complete	Task Name	Start	Finish	Resources	Lnked To	03 Dec	Qtr 1, 2004 Jan e	Qtr 2, 2004 MarApr a	Qtr 3, 2004 Jun Jul Aug e
46		0%	BAT Ops User's Guide - Draft	Fri 3/26/04	Mon 3/29/04	Scott Barthelmy	Thermal Bal				
47		0%	BAT Ops User's Guide - Final	Wed 7/7/04	Wed 7/7/04	Scott Barthelmy	Launch - 60d				
48		0%	BAT FPD Volume 3: Observatory BAT Flight Ops Procedure Inputs	Wed 3/10/04	Thu 3/11/04	Scott Barthelmy	MOC FPD Vol 3				
49		0%	BAT FPD Volume 4: Contingency Handbook Inputs	Fri 3/26/04	Wed 8/4/04	Scott Barthelmy					
50		0%	BAT Fault Isolation Trees - Draft	Fri 3/26/04	Mon 3/29/04	Scott Barthelmy	Thermal Bal				
51		0%	BAT Fault Isolation Trees - Operational Draft	Sat 4/3/04	Sun 4/4/04	Scott Barthelmy					
52		0%	BAT Fault Isolation Trees - Updates	Fri 4/16/04	Mon 4/19/04	Scott Barthelmy					
53		0%	BAT Fault Isolation Trees - BAT Final	Wed 8/4/04	Wed 8/4/04	Scott Barthelmy	Launch -30d				
54		0%	BAT Flight Ops Procedures - Contingency	Mon 5/31/04	Mon 5/31/04	Scott Barthelmy	SIM 3c				
55		0%	FoM	Wed 1/21/04	Wed 8/4/04						
56		100%	FoM FSW - User's Guide - Draft	Wed 1/21/04	Wed 1/21/04	John Ong / Mike Blau					
57		98%	FoM FSW - User's Guide - Comments	Thu 3/25/04	Thu 3/25/04	John Ong / Mike Blau					
58		95%	FoM FSW - User's Guide - FoM Final	Wed 7/7/04	Wed 7/7/04	John Ong / Mike Blau	Launch - 60d				
59		0%	FoM FPD Volume 3: Observatory FoM Flight Ops Procedure Inputs	Wed 3/10/04	Wed 3/10/04	John Ong	MOC FPD Vol 3				
60		0%	FoM FPD Volume 4: Contingency Handbook Inputs	Fri 3/26/04	Wed 8/4/04	John Ong					
61		0%	FoM Fault Isolation Trees - Draft	Fri 3/26/04	Fri 3/26/04	John Ong	Thermal Bal				
62		0%	FoM Fault Isolation Trees - Operational Draft	Fri 4/2/04	Fri 4/2/04	John Ong					
63		0%	FoM Fault Isolation Trees - Updates	Wed 4/14/04	Wed 4/14/04	John Ong					
64		0%	FoM Fault Isolation Trees - FoM Final	Wed 8/4/04	Wed 8/4/04	John Ong	Launch -30d				
65		0%	FoM Flight Ops Procedures - Contingency	Mon 5/31/04	Mon 5/31/04	John Ong	SIM 3c				
66		0%	XRT	Mon 2/16/04	Wed 8/4/04						
67		98%	XRT FSW (SwRI) - User's Guide	Wed 7/7/04	Wed 7/7/04	SwRI	Launch - 60d				
68		40%	XRT Ops User's Guide - Draft	Mon 2/16/04	Mon 2/16/04	Dave Burrows	SIM 2a				
69		0%	XRT Ops User's Guide - Update	Mon 4/12/04	Mon 4/12/04	Dave Burrows	SIM 2b				
70		0%	XRT Ops User's Guide - Final	Wed 7/7/04	Wed 7/7/04	Dave Burrows	Launch - 60d				
71		0%	XRT FPD Volume 3: Observatory XRT Flight Ops Procedure Inputs	Wed 3/10/04	Wed 3/10/04	Dave Burrows	MOC FPD Vol 3				
72		0%	XRT FPD Volume 4: Contingency Handbook Inputs	Fri 3/26/04	Wed 8/4/04	Dave Burrows					
73		0%	XRT Fault Isolation Trees - Draft	Fri 3/26/04	Fri 3/26/04	Dave Burrows	Thermal Bal				
74		0%	XRT Fault Isolation Trees - Operational Draft	Fri 4/2/04	Fri 4/2/04	Dave Burrows					
75		0%	XRT Fault Isolation Trees - Updates	Wed 4/14/04	Wed 4/14/04	Dave Burrows					
76		0%	XRT Fault Isolation Trees - XRT Final	Wed 8/4/04	Wed 8/4/04	Dave Burrows	Launch -30d				
77		0%	XRT Flight Ops Procedures - Contingency	Mon 5/31/04	Mon 5/31/04	Dave Burrows	SIM 3c				
78		0%	UVOT	Fri 1/30/04	Wed 8/4/04						
79		20%	UVOT FSW - DPU - User's Guide	Wed 7/7/04	Wed 7/7/04	Pete Roming	Launch - 60d				
80		20%	UVOT FSW - ICU - User's Guide	Wed 7/7/04	Wed 7/7/04	Pete Roming					
81		100%	UVOT Ops User's Guide - Draft	Fri 1/30/04	Fri 1/30/04	Pete Roming					
82		0%	UVOT Ops User's Guide - Update	Mon 4/12/04	Mon 4/12/04	Pete Roming	SIM 2b				
83		0%	UVOT Ops User's Guide - Final	Wed 7/7/04	Wed 7/7/04	Pete Roming	Launch - 60d				
84		0%	UVOT FPD Volume 3: Observatory UVOT Flight Ops Procedure Inputs	Wed 3/10/04	Wed 3/10/04	Pete Roming	MOC FPD Vol 3				
85		0%	UVOT FPD Volume 4: Contingency Handbook Inputs	Fri 3/26/04	Wed 8/4/04	Pete Roming					
86		0%	UVOT Fault Isolation Trees - Draft	Fri 3/26/04	Fri 3/26/04	Pete Roming	Thermal Bal				
87		0%	UVOT Fault Isolation Trees - Operational Draft	Fri 4/2/04	Fri 4/2/04	Pete Roming					
88		0%	UVOT Fault Isolation Trees - Updates	Wed 4/14/04	Wed 4/14/04	Pete Roming					
89		0%	UVOT Fault Isolation Trees - UVOT Final	Wed 8/4/04	Wed 8/4/04	Pete Roming	Launch -30d				

Page 2

Tue 2/10/04		Mission Operations Readiness Schedule						Tue 2/10/04				
ID	Number	% Complete	Task Name	Start	Finish	Resources	Lnked To	03 Dec	Qtr 1, 2004 Jan	Qtr 2, 2004 Apr	Qtr 3, 2004 Jul	Aug
90		0%	UVOT Flight Ops Procedures - Contingency	Mon 5/31/04	Mon 5/31/04	Pete Roming	SIM 3c					
91		0%	SOT	Thu 4/15/04	Wed 8/4/04							
92		40%	SOT FPD Volume 2: Science Ops Procedure Inputs - Draft	Thu 4/15/04	Thu 4/15/04	Marg Chester	SIM 2b					
93		0%	SOT FPD Volume 2: Science Ops Procedure Inputs - SOT Final	Wed 8/4/04	Wed 8/4/04	Marg Chester	Launch -30d					
94		0%	MOC/FOT	Thu 1/15/04	Wed 7/7/04							
95		100%	MOC User's GMOC Uide - Draft	Thu 1/15/04	Thu 1/15/04	Doug Spiegel						
96		0%	MOC User's GMOC Uide - Comments	Wed 2/11/04	Wed 2/11/04	Doug Spiegel						
97		0%	MOC User's GMOC Uide - Update	Mon 3/29/04	Mon 3/29/04							
98		0%	MOC User's GMOC Uide - Final	Wed 7/7/04	Wed 7/7/04	Doug Spiegel	Launch - 60d					
99		0%	MOC FPD Inputs	Fri 4/2/04	Wed 7/7/04							
100		60%	MOC FPD Volume 1 : Ground Operations Procedure Inputs - Draft	Fri 4/2/04	Fri 4/2/04	Mark Hilliard	SIM 3b					
101		0%	MOC FPD Volume 1 : Ground Operations Procedure Inputs - Comments	Fri 5/28/04	Fri 5/28/04	Mark Hilliard	SIM 1c					
102		0%	MOC FPD Volume 1 : Ground Operations Procedure Inputs - MOC Final	Wed 7/7/04	Wed 7/7/04	Mark Hilliard	Launch - 60d					
103		10%	MOC FPD Volume 4: Contingency Handbook Inputs - Ground Ops - Draft	Fri 4/2/04	Fri 4/2/04	Mark Hilliard	SIM 3b					
104		0%	MOC FPD Volume 4: Contingency Handbook Inputs - Ground Ops - Comments	Wed 5/26/04	Wed 5/26/04	Mark Hilliard	Malindi ETE					
105		0%	MOC FPD Volume 4: Contingency Handbook Inputs - Ground Ops - MOC Final	Wed 7/7/04	Wed 7/7/04	Mark Hilliard	Launch - 60d					
106		0%	MOC FPD Compilation	Fri 3/26/04	Wed 7/7/04							
107		0%	MOC FPD Volume 1 : Ground Operations Procedure Compilation - Draft	Fri 3/26/04	Fri 3/26/04	Mark Hilliard	SIM 3b					
108		0%	MOC FPD Volume 1 : Ground Operations Procedure Compilation - Comments	Fri 5/28/04	Fri 5/28/04	Mark Hilliard	SIM 1c					
109		0%	MOC FPD Volume 1 : Ground Operations Procedure Compilation - MOC Final	Wed 7/7/04	Wed 7/7/04	Mark Hilliard	Launch - 60d					
111		0%	MOC FPD Volume 2 : Science Operations Procedure Compilation - Draft	Tue 4/20/04	Tue 4/20/04	Mark Hilliard	Thermal Vac					
112		0%	MOC FPD Volume 2 : Science Operations Procedure Compilation - Comments	Fri 5/28/04	Fri 5/28/04	Mark Hilliard	SIM 1c					
113		0%	MOC FPD Volume 2 : Science Operations Procedure Compilation - MOC Final	Wed 7/7/04	Wed 7/7/04	Mark Hilliard	Launch - 60d					
114		0%	MOC FPD Volume 3 : Observatory MOC Flight Ops Procedure Compilation - Draft	Fri 3/26/04	Fri 3/26/04	Mark Hilliard	SIM 3b					
115		0%	MOC FPD Volume 3 : Observatory MOC Flight Ops Procedure Compilation - Comi	Fri 5/28/04	Fri 5/28/04	Mark Hilliard	SIM 1c					
116		0%	MOC FPD Volume 3 : Observatory MOC Flight Ops Procedure Compilation - MOC	Wed 7/7/04	Wed 7/7/04	Mark Hilliard	Launch - 60d					
117		0%	MOC FPD Volume 4 : Contingency Operations Procedure Compilation - Draft	Fri 3/26/04	Fri 3/26/04	Mark Hilliard	SIM 3b					
118		0%	MOC FPD Volume 4 : Contingency Operations Procedure Compilation - Comment	Fri 5/28/04	Fri 5/28/04	Mark Hilliard	SIM 1c					
119		0%	MOC FPD Volume 4 : Contingency Operations Procedure Compilation - MOC Fina	Wed 7/7/04	Wed 7/7/04	Mark Hilliard	Launch - 60d					
120		0%	MOC CM Plan	Fri 1/30/04	Fri 2/27/04							
121		60%	MOC Ops CM Plan - Draft	Fri 1/30/04	Fri 1/30/04	Mark Hilliard						
122		0%	MOC Ops CM Plan - Final	Fri 2/27/04	Fri 2/27/04	Mark Hilliard						
123		3%	Project	Thu 11/20/03	Wed 8/4/04							
124		98%	CARD - Initial Signed Version	Tue 3/2/04	Tue 3/2/04	Dave Bundas	DPER					
125		90%	CARD - Final	Wed 8/4/04	Wed 8/4/04	Dave Bundas	Launch -30d					
126		11%	Sustaining Engineering Plans	Thu 11/20/03	Wed 7/7/04							
127		100%	Sustaining Engineering Plan - FSW - Initial	Thu 11/20/03	Thu 11/20/03	John Ong						
128		0%	Sustaining Engineering Plan - FSW - Update	Sat 3/13/04	Sat 3/13/04	John Ong						
129		0%	Sustaining Engineering Plan - FSW - Final	Wed 7/7/04	Wed 7/7/04	John Ong	Launch - 60d					
130		0%	Sustaining Engineering Plan - Non-FSW - Initial	Tue 3/23/04	Tue 3/23/04	Chris Silva						
131		0%	Sustaining Engineering Plan - Non-FSW - Update	Mon 4/19/04	Mon 4/19/04	Chris Silva						
132		0%	Sustaining Engineering Plan - Non-FSW - Final	Sat 5/15/04	Sat 5/15/04	Chris Silva						
133		0%	Spectrum Astro Sustaining Engineering Contract Addendum - Draft	Tue 3/2/04	Tue 3/2/04	Lou Parkinson	DPER					
134		0%	Spectrum Astro Sustaining Engineering Contract Addendum - Final	Wed 4/14/04	Wed 4/14/04	Lou Parkinson						

Page 3

Mission Operations Readiness Schedule								Tue 2/10/04			
ID	Number	% Complete	Task Name	Start	Finish	Resources	Lnked To	03 Dec	Qtr 1, 2004 Jan	Qtr 2, 2004 Apr	Qtr 3, 2004 Jul
135		0%	Contract in place and funded for SA Sustaining Engineering	Wed 7/7/04	Wed 7/7/04	Joe Dezio	Launch - 60d				
136		0%	On-Orbit Acceptance	Wed 3/10/04	Wed 7/7/04						
137		5%	On-oribt Acceptance Criteria - Draft	Wed 3/10/04	Wed 3/10/04	ve Bundas / John Jordan	Transition Plan				
138		0%	On-oribt Acceptance Criteria - Update	Fri 4/16/04	Fri 4/16/04	ve Bundas / John Jordan					
139		0%	On-oribt Acceptance Criteria - Final	Wed 7/7/04	Wed 7/7/04	ve Bundas / John Jordan	L&EO Timeline				
140		0%	Transition Plan	Fri 3/5/04	Thu 4/22/04						
141		40%	Transition Plan - Draft	Fri 3/5/04	Fri 3/5/04	Chris Silva					
142		0%	Transition Plan - Update	Mon 3/29/04	Mon 3/29/04	Chris Silva					
143		0%	Transition Plan - Final	Thu 4/22/04	Thu 4/22/04	Chris Silva					
144		0%	Launch-related Ops Documentation	Wed 7/7/04	Wed 7/7/04						
145		5%	Launch Commit Criteria (Project)	Wed 7/7/04	Wed 7/7/04	Oren Sheinman	Launch - 60d				
146		5%	Launch Commit Criteria (GNEST/Ops)	Wed 7/7/04	Wed 7/7/04	Frank Marshall	Launch - 60d				
147		2%	Calibration Phase Plan	Fri 2/6/04	Wed 7/7/04	Keith Gendrau	Launch - 60d				
148		100%	Calibration Plan - TOC	Fri 2/6/04	Fri 2/6/04						
149		0%	Updated Target List	Fri 2/13/04	Fri 2/13/04						
150		0%	Calibration Plan - Draft	Mon 3/1/04	Mon 3/1/04						
151		0%	Calibration Plan - Review/Comments	Tue 3/2/04	Sun 5/2/04						
152		0%	Calibration Plan - Final	Wed 7/7/04	Wed 7/7/04						
153		0%	L&EO Development	Mon 2/2/04	Wed 8/4/04						
154		0%	Planning and Support	Mon 2/2/04	Wed 8/4/04						
155		60%	Shift Design - review	Fri 2/27/04	Fri 2/27/04	sa Nelson / Marg Chester					
156		0%	Shift Design - update	Wed 5/5/04	Wed 5/5/04	sa Nelson / Marg Chester					
157		0%	Shift Design - final	Fri 6/4/04	Fri 6/4/04	sa Nelson / Marg Chester	SIM 1c				
158		75%	Staffing Profile/Assignments - Update	Fri 2/27/04	Fri 2/27/04	Surrows, Scott Barthelmy					
159		0%	Staffing Profile/Assignments - Final	Mon 5/10/04	Mon 5/10/04	Surrows, Scott Barthelmy					
160		100%	FOT Pass Plan - Draft	Mon 2/2/04	Mon 2/2/04	Mark Hilliard					
161		0%	FOT Pass Plan - Review	Mon 2/16/04	Mon 2/16/04	Mark Hilliard					
162		0%	FOT Pass Plan - Final	Wed 2/25/04	Wed 2/25/04	Mark Hilliard	SIM 2a				
163		0%	FOT Pass Plan - Update	Wed 8/4/04	Wed 8/4/04	Mark Hilliard	Launch -30d				
164		15%	Daily/Between Pass Planning Process - Initial Draft	Thu 2/12/04	Thu 2/12/04	Lisa Nelson					
165		0%	Daily/Between Pass Planning Process - Draft Update	Fri 5/21/04	Fri 5/21/04	Lisa Nelson	SIM 1c				
166		0%	Daily/Between Pass Planning Process - Final	Wed 7/7/04	Wed 7/7/04	Lisa Nelson	Launch - 60d				
167		0%	L&EO Timeline	Fri 2/27/04	Wed 8/4/04						
168		50%	Pre DPER Review Update	Fri 2/27/04	Fri 2/27/04	Ken Hibbard					
169		0%	DPER Review Update	Wed 3/3/04	Wed 3/3/04	Ken Hibbard	DPER				
170		0%	Post DPER Review Update	Sat 3/13/04	Sat 3/13/04	Ken Hibbard	DPER				
171		0%	Comments Due	Wed 3/24/04	Wed 3/24/04	Ken Hibbard	DPER				
172		0%	Update for SIM 1b	Thu 4/1/04	Thu 4/1/04	Ken Hibbard					
173		0%	Update for SIM 1c	Tue 5/25/04	Tue 5/25/04	Ken Hibbard					
174		0%	Final Update	Wed 8/4/04	Wed 8/4/04	Ken Hibbard	Launch -30d				
175		0%	L&EO Script	Fri 2/27/04	Wed 8/4/04						
176		50%	Pre DPER Review Update	Fri 2/27/04	Fri 2/27/04	Ken Hibbard					
177		0%	DPER Review Update	Wed 3/3/04	Wed 3/3/04	Ken Hibbard	DPER				
178		0%	Post DPER Review Update	Sat 3/13/04	Sat 3/13/04	Ken Hibbard	DPER				

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								Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
179		0%	Comments Due	Wed 3/24/04	Wed 3/24/04	Ken Hibbard	DPER												
180		0%	Update for SIM 1b	Thu 4/1/04	Thu 4/1/04	Ken Hibbard													
181		0%	Update for SIM 1c	Tue 5/25/04	Tue 5/25/04	Ken Hibbard													
182		0%	Final Update	Wed 8/4/04	Wed 8/4/04	Ken Hibbard	Launch -30d												
183		89%	Training	Fri 8/1/03	Mon 7/12/04														
184		89%	FOT	Fri 8/1/03	Mon 7/12/04														
185		100%	S/C Training to FOT	Fri 8/1/03	Tue 8/12/03														
186		100%	Prepare Training Material	Fri 8/1/03	Fri 8/8/03														
187		100%	Conduct Training at GSFC	Mon 8/11/03	Tue 8/12/03														
188		0%	Classroom Training	Mon 4/12/04	Mon 4/12/04														
189		0%	SC Bus - Classroom Training	Mon 4/12/04	Mon 4/12/04	Mark Hilliard	SIM 2b												
190		0%	UVOT - Classroom Training	Mon 4/12/04	Mon 4/12/04	Mark Hilliard	SIM 2b												
191		0%	XRT - Classroom Training	Mon 4/12/04	Mon 4/12/04	Mark Hilliard	SIM 2b												
192		0%	BAT - Classroom Training	Mon 4/12/04	Mon 4/12/04	Mark Hilliard	SIM 2b												
193		0%	SOT - Classroom Training	Mon 4/12/04	Mon 4/12/04	Mark Hilliard	SIM 2b												
194		0%	FOT Skills & Readiness Time Matrix	Thu 2/12/04	Mon 7/12/04														
195		0%	Individual FOT Skills and Readiness Time Matrix - Update after SIM 1b	Tue 5/11/04	Tue 5/11/04	Mark Hilliard													
196		0%	Individual FOT Skills and Readiness Time Matrix - Update after SIM 1c	Tue 6/8/04	Tue 6/8/04	Mark Hilliard													
197		0%	Individual FOT Skills and Readiness Time Matrix - Update after SIM 2a	Wed 2/25/04	Wed 2/25/04	Mark Hilliard													
198		0%	Individual FOT Skills and Readiness Time Matrix - Update after SIM 2b	Wed 4/28/04	Wed 4/28/04	Mark Hilliard													
199		0%	Individual FOT Skills and Readiness Time Matrix - Update after SIM 2c	Mon 7/12/04	Mon 7/12/04	Mark Hilliard													
200		0%	Individual FOT Skills and Readiness Time Matrix - Update after SIM 3a part 2	Fri 2/27/04	Fri 2/27/04	Mark Hilliard													
201		0%	Individual FOT Skills and Readiness Time Matrix - Update after SIM 3a part 3	Thu 2/12/04	Thu 2/12/04	Mark Hilliard													
202		0%	Individual FOT Skills and Readiness Time Matrix - Update after SIM 3b	Mon 3/29/04	Mon 3/29/04	Mark Hilliard													
203		0%	Individual FOT Skills and Readiness Time Matrix - Update after SIM 3c	Wed 5/26/04	Wed 5/26/04	Mark Hilliard													
204		0%	Individual FOT Skills and Readiness Time Matrix - Final	Wed 7/7/04	Wed 7/7/04	Mark Hilliard	Launch - 60d												
205		0%	MOC Certification Criteria	Tue 3/30/04	Wed 7/7/04														
206		0%	Certification Criteria - Draft	Tue 3/30/04	Tue 3/30/04	Mark Hilliard													
207		0%	Certification Criteria - Update	Wed 6/9/04	Wed 6/9/04	Mark Hilliard													
208		0%	Certification Criteria - Final	Wed 7/7/04	Wed 7/7/04	Mark Hilliard	Launch - 60d												
209		0%	Certification Completion	Wed 7/7/04	Wed 7/7/04	Mark Hilliard													
210		0%	DTAS Training for Sustaining Engineering Teams	Fri 6/4/04	Fri 6/4/04	Mark Hilliard													
211																			
212		0%	Flight Operations Product Development	Wed 2/11/04	Wed 8/4/04														
213		0%	PSU	Wed 2/11/04	Wed 8/4/04														
214		60%	Flight Operations Product List Update for IOSR	Wed 2/11/04	Wed 2/11/04	Marg Chester													
215		0%	Flight Operations Product List Update for Sim 3a part 2	Fri 2/27/04	Fri 2/27/04	Marg Chester													
216		0%	Flight Operations Product List Update for Sim 3b	Sat 4/3/04	Sat 4/3/04	Marg Chester													
217		0%	Flight Operations Product List Update for Sim 3c	Mon 6/7/04	Mon 6/7/04	Marg Chester													
218		0%	Flight Operations Product List Update for Sim 2a	Wed 2/25/04	Wed 2/25/04	Marg Chester													
219		0%	Flight Operations Product List Update for Sim 2b	Wed 4/28/04	Wed 4/28/04	Marg Chester													
220		0%	Flight Operations Product List Update for Sim 2c	Mon 7/12/04	Mon 7/12/04	Marg Chester													
221		0%	Flight Operations Product List Update for Sim 1b part 2	Tue 5/11/04	Tue 5/11/04	Marg Chester													
222		0%	Flight Operations Product List Update for Sim 1c	Tue 6/8/04	Tue 6/8/04	Marg Chester													

Tue 2/10/04			Mission Operations Readiness Schedule					Tue 2/10/04											
ID	Number	% Complete	Task Name	Start	Finish	Resources	Lnked To	03 Dec	Qtr 1, 2004	Qtr 2, 2004	Qtr 3, 2004	Qtr 4, 2004	Qtr 1, 2005	Qtr 2, 2005	Qtr 3, 2005	Qtr 4, 2005			
223		0%	Flight Operations Product List Update for launch	Wed 8/4/04	Wed 8/4/04	Marg Chester	Launch -30d										8/4		
224		0%	SC Bus Flight Operations Product Development	Wed 7/7/04	Wed 7/7/04		Launch - 60d										7/7		
225		0%	Final SC Bus L&EO Only	Wed 7/7/04	Wed 7/7/04	Lisa Nelson											7/7		
226		0%	Final SC Bus ACS	Wed 7/7/04	Wed 7/7/04	Lisa Nelson											7/7		
227		0%	Final SC Bus C&DH	Wed 7/7/04	Wed 7/7/04	Lisa Nelson											7/7		
228		0%	Final SC Bus EPS	Wed 7/7/04	Wed 7/7/04	Lisa Nelson											7/7		
229		0%	Final SC Bus FSW	Wed 7/7/04	Wed 7/7/04	Lisa Nelson											7/7		
230		0%	Final SC Bus Thermal	Wed 7/7/04	Wed 7/7/04	Lisa Nelson											7/7		
231		0%	Final SC Bus RF	Wed 7/7/04	Wed 7/7/04	Lisa Nelson											7/7		
232		0%	BAT Flight Operations Product Development	Wed 7/7/04	Wed 7/7/04		Launch - 60d										7/7		
233		0%	Final BAT FSW - Engineering	Wed 7/7/04	Wed 7/7/04	Scott Barthelmy											7/7		
234		0%	Final BAT FSW - Science	Wed 7/7/04	Wed 7/7/04	Scott Barthelmy											7/7		
235		0%	Final BAT L&EO Activation/Turn-on Procedure	Wed 7/7/04	Wed 7/7/04	Scott Barthelmy											7/7		
236		0%	Final BAT Normal Ops	Wed 7/7/04	Wed 7/7/04	Scott Barthelmy											7/7		
237		0%	Contingency	Wed 7/7/04	Wed 7/7/04	Scott Barthelmy											7/7		
238		0%	FoM Flight Operations Product Development	Wed 7/7/04	Wed 7/7/04		Launch - 60d										7/7		
239		0%	Final FoM L&EO Initialization/Checkout	Wed 7/7/04	Wed 7/7/04	John Ong / Marg Chester											7/7		
240		0%	Final FoM Contingency	Wed 7/7/04	Wed 7/7/04	John Ong / Marg Chester											7/7		
241		0%	UVOT Flight Operations Product Development	Wed 7/7/04	Wed 7/7/04		Launch - 60d										7/7		
242		0%	Final UVOT L&EO Activation/Turn-on Procedure	Wed 7/7/04	Wed 7/7/04	Phil Smith											7/7		
243		0%	Final UVOT Normal Ops	Wed 7/7/04	Wed 7/7/04	Phil Smith											7/7		
244		0%	Final UVOT Contingency	Wed 7/7/04	Wed 7/7/04	Phil Smith											7/7		
245		0%	XRT Flight Operations Product Development	Wed 7/7/04	Wed 7/7/04		Launch - 60d										7/7		
246		0%	Final XRT L&EO Activation/Turn-on Procedure	Wed 7/7/04	Wed 7/7/04	Joe Hill											7/7		
247		0%	Final XRT Normal Ops	Wed 7/7/04	Wed 7/7/04	Joe Hill											7/7		
248		0%	Final XRT Contingency	Wed 7/7/04	Wed 7/7/04	Joe Hill											7/7		
249		0%	MOC Flight Operations Product Development	Wed 7/7/04	Wed 7/7/04		Launch - 60d										7/7		
250		0%	Final MOC L&EO - Ground Ops	Wed 7/7/04	Wed 7/7/04	FOT											7/7		
251		0%	Final MOC Routine - Observatory	Wed 7/7/04	Wed 7/7/04	FOT											7/7		
252		0%	Final MOC Routine - Ground Ops	Wed 7/7/04	Wed 7/7/04	FOT											7/7		
253		0%	Final MOC Contingency - Ground Ops	Wed 7/7/04	Wed 7/7/04	FOT											7/7		
254		0%	Final SOT Flight Operations Product Development	Wed 7/7/04	Wed 7/7/04	Dave Burrows	Launch - 60d										7/7		
255		0%	ITOS Database	Sat 12/6/03	Thu 2/12/04														
256		0%	Observatory	Thu 2/12/04	Thu 2/12/04														
257		98%	SC Bus - Database Exchange Files	Thu 2/12/04	Thu 2/12/04	John Jordan													
258		80%	BAT (includes FoM) - Database Exchange Files	Thu 2/12/04	Thu 2/12/04	Mike Blau / LANL													
259		98%	XRT - Database Exchange Files	Thu 2/12/04	Thu 2/12/04	SwRI													
260		98%	UVOT - Database Exchange Files	Thu 2/12/04	Thu 2/12/04	PSU/MSSL													
261		100%	I&T Full Database	Sat 12/6/03	Sat 12/6/03														
262		100%	I&T Database Exchange Files	Sat 12/6/03	Sat 12/6/03	Dion Smallwood													
263		100%	I&T T&C Handbook	Sat 12/6/03	Sat 12/6/03	Dion Smallwood													
264		100%	MOC	Sat 12/6/03	Sat 12/6/03														
265		100%	MOC Database Exchange Files	Sat 12/6/03	Sat 12/6/03	Dustin Aldridge													
266		100%	MOC T&C Handbook	Sat 12/6/03	Sat 12/6/03	Dustin Aldridge													

Page 6

Tue 2/10/04			Mission Operations Readiness Schedule					Tue 2/10/04											
ID	Number	% Complete	Task Name	Start	Finish	Resources	Lnked To	03 Dec	Qtr 1, 2004 Jan	Qtr 2, 2004 Mar	Qtr 3, 2004 Apr	Qtr 4, 2004 Jun	Qtr 1, 2005 Jul	Qtr 2, 2005 Aug	Qtr 3, 2005 Sep				
267		0%	Ground System/Operations	Thu 4/15/04	Wed 7/7/04														
268		0%	SDC	Wed 7/7/04	Wed 7/7/04										7/7				
269		0%	SDC - Develop ability to extract FSW dump data for upload verification	Wed 7/7/04	Wed 7/7/04	Frank Marshall									7/7				
270		0%	SDC - Test extraction utility on SCIF test data	Wed 7/7/04	Wed 7/7/04	Frank Marshall									7/7				
271		0%	Trending	Thu 4/15/04	Wed 7/7/04														
272		75%	Trending - Identify mnemonics from each subsystem for DTAS - Update	Thu 4/15/04	Thu 4/15/04	Mark Hilliard													
273		0%	Trending Identify mnemonics from each subsystem for DTAS - Update	Fri 5/21/04	Fri 5/21/04	Mark Hilliard													
274		0%	Trending Identify mnemonics from each subsystem for DTAS - Final	Wed 7/7/04	Wed 7/7/04	Mark Hilliard	Launch - 60d								7/7				
275		0%	Miscellaneous	Mon 2/23/04	Wed 7/7/04														
276		75%	Continuing Orbit Determination using TLE Analysis	Mon 2/23/04	Mon 2/23/04	ish / Shane Stezelberger													
277		0%	Sustaining Engineering	Wed 7/7/04	Wed 7/7/04										7/7				
278		0%	Ship GSFC Hotbench to Spectrum Astro (GFE)	Wed 7/7/04	Wed 7/7/04	hienman / Lou Parkinson	Launch - 60d								7/7				
279																			
280		47%	Pre-Launch Mission Ops Readiness	Thu 8/1/02	Wed 8/4/04														
281		47%	Operations Sims & Rehearsals	Thu 8/1/02	Wed 8/4/04														
282		55%	L&EO Ops Readiness	Thu 8/1/02	Wed 8/4/04														
283		100%	Sim 1a (L&EO Sim #1 - L&EO Days 1 & 2)	Thu 8/1/02	Fri 10/3/03														
284		100%	Flight Ops Procedure Matrix	Fri 3/7/03	Fri 3/7/03		0												
285		100%	Sim1a Plan (GSFC)	Fri 8/1/03	Mon 9/29/03														
289		100%	L&EO Ops Procedures (initial delivery)	Fri 8/1/03	Fri 9/12/03														
299		100%	STOL Products for First L&EO Sim - 1a	Fri 9/12/03	Fri 9/12/03		0												
300		100%	L&EO Script & Timeline Development	Fri 8/1/03	Fri 10/3/03														
301		100%	Sim 1a L&EO Script Draft	Fri 8/1/03	Thu 8/28/03		0												
302		100%	Sim 1a Draft L&EO Script Review	Fri 8/29/03	Fri 9/26/03		0												
303		100%	Sim 1a Final L&EO Script	Mon 9/29/03	Fri 10/3/03		0												
304		100%	Dry Run Sim 1a	Thu 8/1/02	Thu 8/1/02		0												
305		100%	Run Sim1a	Tue 9/30/03	Wed 10/1/03		0												
307		100%	Sim 1b part 1 (L&EO)	Thu 8/1/02	Fri 10/3/03														
308		100%	Flight Ops Procedure Matrix	Fri 3/7/03	Fri 3/7/03		0												
309		100%	Sim1b part 1 Plan (GSFC)	Fri 8/1/03	Mon 9/29/03														
310		100%	Sim 1a Plan Draft	Fri 8/1/03	Thu 8/28/03		0												
311		100%	Sim 1a Plan Review	Mon 9/1/03	Mon 9/29/03	Lou Parkinson	0												
312		100%	Final Sim 1a Plan	Tue 9/16/03	Tue 9/16/03		0												
313		100%	L&EO Ops Procedures (initial delivery)	Fri 8/1/03	Fri 9/12/03														
323		100%	STOL Products for First L&EO Sim - 1b	Fri 9/12/03	Fri 9/12/03		0												
324		100%	L&EO Script & Timeline Development	Fri 8/1/03	Fri 10/3/03														
325		100%	Sim 1a L&EO Script Draft	Fri 8/1/03	Thu 8/28/03		0												
326		100%	Sim 1a Draft L&EO Script Review	Fri 8/29/03	Fri 9/26/03		0												
327		100%	Sim 1a Final L&EO Script	Mon 9/29/03	Fri 10/3/03		0												
328		100%	Dry Run Sim 1b part 1	Thu 8/1/02	Thu 8/1/02		0												
329		100%	Run Sim1b part 1	Tue 9/30/03	Wed 10/1/03		0												
330		100%	Sim 1b	Tue 9/30/03	Wed 10/1/03		0												
331		37%	Sim 1b part 2 (L&EO Sim #2 w/ ACS slewing)	Fri 12/26/03	Sat 5/15/04														
332		32%	Sim1b Procedure (GSFC) part 2 / SCIF #4B	Fri 12/26/03	Wed 4/7/04														

Page 7

Tue 2/10/04			Mission Operations Readiness Schedule					Tue 2/10/04							
ID	Number	% Complete	Task Name	Start	Finish	Resources	Lnked To	03 Dec	Qtr 1, 2004 Jan	Qtr 2, 2004 e Mar	Qtr 3, 2004 Apr	Qtr 4, 2004 a Jun	Qtr 1, 2004 Jul	Qtr 2, 2004 Aug	Qtr 3, 2004 e
333		80%	Sim 1b Procedure Draft	Fri 12/26/03	Sun 3/14/04	Debli Knapp									
334		0%	Sim 1b Procedure Review	Sun 3/14/04	Thu 3/25/04	Debli Knapp									
336		0%	Final Sim 1b Procedure	Fri 4/2/04	Wed 4/7/04	Debli Knapp									
337		43%	Updated L&EO Ops Procedures	Fri 12/26/03	Tue 4/27/04										
338		49%	L&EO Ops procedures Draft	Fri 12/26/03	Sun 4/4/04										
339		40%	SC Procedures	Fri 12/26/03	Thu 3/25/04										
340		40%	Sim 1b SC Bus - updates to 1a	Fri 12/26/03	Thu 3/25/04	Lisa Neslon									
341		40%	Sim 1b SC Bus - ACS slewing	Fri 12/26/03	Thu 3/25/04	Lisa Neslon									
342		55%	Instrument Procedures	Fri 12/26/03	Sun 4/4/04										
343		0%	Sim 1b Instrument - BAT Activation	Fri 3/12/04	Sun 4/4/04	Scott Barthelmy									
344		100%	Sim 1b Instrument - Electronics Box Power On / HK Check	Fri 12/26/03	Thu 1/22/04	Joe Hill									
345		100%	Sim 1b Instrument - all instrument data	Fri 12/26/03	Thu 1/22/04	UVOT, XRT, BAT									
346		75%	Sim 1b Instrument - XRT, FPCA door, venting	Fri 3/12/04	Sun 4/4/04	UVOT, XRT									
347		0%	Sim 1b Instrument - heaters and thermal	Fri 3/12/04	Sun 4/4/04	UVOT, XRT, BAT									
348		40%	Flight Operations Procedures	Fri 12/26/03	Thu 3/25/04										
349		40%	Sim 1b FOM - activation Procedures	Fri 12/26/03	Thu 3/25/04	John Ong									
350		0%	Sim 1b L&EO Ops Procedures Review	Thu 3/25/04	Tue 4/20/04	Debi Knapp									
351		0%	Sim 1b Final L&EO Ops Procedures	Tue 4/20/04	Tue 4/27/04	Debi Knapp									
352		0%	STOL Products updated for L&EO Sim1b	Tue 4/27/04	Tue 4/27/04	Debi Knapp									
353		32%	Updated L&EO Script & Timeline development	Fri 12/26/03	Thu 4/1/04										
354		80%	Sim 1b L&EO Script	Fri 12/26/03	Sun 3/14/04	Ken Hibbard									
355		0%	Sim 1b Draft L&EO Script Review	Sun 3/14/04	Thu 3/25/04	Ken Hibbard									
356		0%	Sim 1b Final L&EO Script	Thu 3/25/04	Thu 4/1/04	Ken Hibbard									
357		0%	Dry Run Sim 1b part 2 products	Fri 4/23/04	Fri 4/30/04	ALL									
358		0%	Run Sim1b part 2	Fri 5/7/04	Tue 5/11/04	Debi Knapp									
362		0%	Observatory Thermal Cycling	Mon 5/3/04	Sat 5/15/04		Observatory								
363		30%	Sim 1c (L&EO Sim #3 - Days 1&2 plus instrument box turn on)	Fri 2/13/04	Tue 6/8/04										
364		44%	Sim 1c Procedure (GSFC)	Fri 2/13/04	Fri 5/14/04										
365		100%	Sim 1c Procedure Draft	Fri 2/13/04	Thu 3/11/04	Debi Knapp									
366		0%	Sim 1c Procedure Review	Tue 4/6/04	Sun 5/2/04	Debi Knapp									
368		0%	Final Sim 1c Procedure	Mon 5/10/04	Fri 5/14/04	Debi Knapp									
369		40%	Updated L&EO Ops Procedures	Thu 4/8/04	Tue 5/25/04										
370		50%	L&EO Ops procedures Draft	Thu 4/8/04	Wed 5/5/04										
371		50%	Sim 1c SC Procedures	Thu 4/8/04	Wed 5/5/04	Lisa Nelson									
372		50%	Sim 1c Instrument Procedures	Thu 4/8/04	Wed 5/5/04	UVOT, XRT, BAT									
373		50%	Sim 1c Flight Operations Procedures	Thu 4/8/04	Wed 5/5/04	FOT									
374		0%	Sim 1c L&EO Ops Procedures Review	Wed 5/5/04	Tue 5/18/04	Debi Knapp									
375		0%	Sim 1c Final L&EO Ops Procedures	Tue 5/18/04	Tue 5/25/04	Debi Knapp									
376		0%	STOL Products updated for L&EO Sim1c (incl inst activities)	Tue 5/25/04	Tue 5/25/04	Debi Knapp									
377		0%	Updated L&EO Script & Timeline development	Thu 4/8/04	Tue 5/25/04										
378		0%	Sim 1c L&EO Script	Thu 4/8/04	Wed 5/5/04	Debi Knapp									
379		0%	Sim 1c Draft L&EO Script Review	Wed 5/5/04	Tue 5/18/04	Debi Knapp									
380		0%	Sim 1c Final L&EO Script	Tue 5/18/04	Tue 5/25/04	Debi Knapp									
381		0%	Dry Run Sim 1c products	Tue 5/25/04	Tue 6/1/04	ALL									

Page 8

Tue 2/10/04			Mission Operations Readiness Schedule					Tue 2/10/04											
ID	Number	% Complete	Task Name	Start	Finish	Resources	Lnked To	03 Dec	Qtr 1, 2004 Jan	Qtr 2, 2004 Mar	Qtr 3, 2004 Apr	Qtr 4, 2004 Jun	Qtr 1, 2005 Jul	Qtr 2, 2005 Aug					
382		0%	Run Sim 1c	Fri 6/4/04	Tue 6/8/04	Debi Knapp	Observatory												
386		0%	Observatory MOC Test Set #4	Thu 6/3/04	Mon 6/7/04														
387		22%	Sim 1d (Final L&EO)	Thu 4/8/04	Wed 8/4/04														
388		32%	Sim 1d Procedure (PSU)	Thu 4/8/04	Tue 6/1/04														
389		80%	Sim 1d Procedure Draft	Thu 4/8/04	Fri 5/7/04	Debi Knapp													
390		0%	Sim 1d Procedure Review	Fri 5/7/04	Thu 5/20/04	Debi Knapp													
392		0%	Final Sim 1d Procedure	Tue 5/25/04	Tue 6/1/04	Debi Knapp													
393		32%	Updated L&EO Ops Procedures	Thu 4/8/04	Mon 7/12/04														
394		40%	L&EO Ops procedures Draft	Thu 4/8/04	Mon 6/21/04														
395		40%	Sim 1d SC Procedures	Thu 4/8/04	Mon 6/21/04	Lisa Nelson													
396		40%	Sim 1d Instrument Procedures	Thu 4/8/04	Mon 6/21/04	UVOT, XRT, BAT													
397		40%	Sim 1d Flight Operations Procedures	Thu 4/8/04	Mon 6/21/04	FOT													
398		0%	Sim 1d L&EO Ops Procedures Review	Mon 6/21/04	Mon 7/5/04	Debi Knapp													
399		0%	Sim 1d Final L&EO Ops Procedures	Mon 7/5/04	Mon 7/12/04	Debi Knapp													
400		0%	STOL Products updated for L&EO Sim1d (incl inst activities)	Mon 7/12/04	Mon 7/12/04	ALL													
401		0%	Update L&EO Script & Timeline development	Thu 6/3/04	Thu 7/22/04														
402		0%	Sim 1d L&EO Script	Thu 6/3/04	Thu 7/1/04	Debi Knapp													
403		0%	Sim 1d Draft L&EO Script Review	Thu 7/1/04	Thu 7/15/04	Debi Knapp													
404		0%	Sim 1d Final L&EO Script	Thu 7/15/04	Thu 7/22/04	Debi Knapp													
405		0%	Dry Run Sim 1d products	Thu 7/22/04	Wed 7/28/04	ALL													
406		0%	Run Sim 1d	Mon 8/2/04	Wed 8/4/04	Debi Knapp													
410		0%	Launch Site End-to-End Test	Mon 8/2/04	Wed 8/4/04		Launch												
411		34%	Normal Ops & Verification Sims	Tue 9/30/03	Thu 7/15/04														
412		93%	Sim 2a (Science Ops)	Tue 9/30/03	Wed 2/25/04														
413		100%	Sim 2a Procedure (GSFC)	Tue 9/30/03	Fri 2/6/04														
414		100%	Sim 2a Procedure Draft	Tue 9/30/03	Mon 1/5/04	Debi Knapp													
415		100%	Sim 2a Procedure Review	Mon 10/27/03	Thu 1/15/04	Debi Knapp													
417		100%	Final Sim 2a Procedure	Fri 2/6/04	Fri 2/6/04	Debi Knapp													
418		97%	Normal Ops Procedures	Thu 12/25/03	Fri 2/13/04														
419		100%	Normal Ops procedures Draft	Thu 12/25/03	Wed 2/4/04														
420		100%	SIM 2a SC Procedures	Thu 12/25/03	Wed 1/21/04	Lisa Nelson													
421		100%	SIM 2a Instrument Procedures	Thu 12/25/03	Wed 2/4/04	UVOT, XRT, BAT													
422		100%	SIM 2a Flight/Ground Operations Procedures	Thu 12/25/03	Wed 1/21/04	FOT													
423		84%	SIM 2a Normal Ops Procedures Review	Thu 1/22/04	Thu 2/12/04	Debi Knapp													
424		90%	SIM 2a Final Normal Ops Procedures	Thu 2/5/04	Fri 2/13/04	Debi Knapp													
425		80%	STOL Products for First Normal Ops Sim - 2a	Wed 2/11/04	Wed 2/11/04	ALL													
426		0%	Dry Run Sim 2a products	Mon 2/16/04	Fri 2/20/04	ALL													
428		0%	Run Sim 2a	Wed 2/25/04	Wed 2/25/04	Debi Knapp													
431		0%	Observatory Operational Simulation	Wed 2/25/04	Wed 2/25/04		Observatory												
432		16%	Sim 2b (Science Ops) - Day/Week in - the - life	Tue 12/16/03	Mon 5/3/04														
433		37%	Sim 2b Procedure (GSFC)	Wed 1/7/04	Wed 4/7/04														
434		60%	Sim 2b Procedure Draft	Wed 1/7/04	Wed 3/3/04	Debi Knapp													
435		0%	Sim 2b Procedure Review	Wed 3/10/04	Fri 4/2/04	Debi Knapp													
437		0%	Final Sim 2b Procedure	Fri 4/2/04	Wed 4/7/04	Debi Knapp													

Page 9

Tue 2/10/04			Mission Operations Readiness Schedule					Tue 2/10/04															
ID	Number	% Complete	Task Name	Start	Finish	Resources	Lnked To	03 Dec	Qtr 1, 2004 Jan	Qtr 2, 2004 Apr	Qtr 3, 2004 Jul	Aug	03 Dec	Qtr 1, 2004 Jan	Qtr 2, 2004 Apr	Qtr 3, 2004 Jul	Aug	03 Dec	Qtr 1, 2004 Jan	Qtr 2, 2004 Apr	Qtr 3, 2004 Jul	Aug	
438		9%	Updated Normal Ops Procedures	Tue 12/16/03	Mon 4/12/04																		
439		10%	Normal Ops procedures Draft	Tue 12/16/03	Wed 3/24/04																		
440		30%	SIM 2b SC Procedures	Tue 12/16/03	Wed 3/17/04	Lisa Nelson																	
441		30%	SIM 2b Instrument Procedures	Tue 12/16/03	Wed 3/17/04	UVOT, XRT, BAT																	
442		0%	Flight Operations Procedures	Mon 3/1/04	Wed 3/24/04																		
443		0%	SIM 2b FOM Procedures	Mon 3/1/04	Wed 3/24/04	John Ong																	
444		0%	SIM 2b FOT Procedures	Mon 3/1/04	Wed 3/24/04	FOT																	
445		0%	SIM 2b SOT Procedures	Mon 3/1/04	Wed 3/24/04	Marg Chester																	
446		0%	SIM 2b Targets	Mon 3/1/04	Wed 3/24/04	Marg Chester																	
447		0%	SIM 2b Normal Ops Procedures Review	Wed 3/24/04	Mon 4/5/04	Debi Knapp																	
448		0%	SIM 2b Final Normal Ops Procedures	Mon 4/5/04	Mon 4/12/04	Debi Knapp																	
449		0%	STOL Products for First Normal Ops Sim - 2b	Mon 4/12/04	Mon 4/12/04	ALL																	
450		0%	Dry Run Sim 2b products	Mon 4/12/04	Mon 4/19/04	ALL																	
451		0%	Run Sim 2b	Mon 4/26/04	Wed 4/28/04	Debi Knapp																	
455		0%	Observatory Thermal Balance	Wed 4/21/04	Mon 5/3/04		Observatory																
456		10%	Sim 2c - Paper Sim	Fri 11/28/03	Thu 7/15/04																		
457		9%	Sim 2c - Paper Sim Procedure (PSU)	Wed 1/7/04	Thu 7/15/04																		
458		20%	Sim 2c Procedure Draft	Wed 1/7/04	Fri 6/4/04	Debi Knapp																	
459		0%	Sim 2c Procedure Review	Fri 6/11/04	Thu 7/8/04	Debi Knapp																	
460		0%	Final Sim 2c Procedure - Paper Sim	Fri 7/9/04	Thu 7/15/04	Debi Knapp																	
461		10%	Normal Ops Procedures	Fri 11/28/03	Thu 7/1/04																		
462		12%	Normal Ops procedures Draft	Fri 11/28/03	Thu 6/10/04																		
463		30%	SIM 2c SC Procedures	Fri 11/28/03	Wed 6/2/04	Lisa Nelson																	
464		30%	SIM 2c Instrument Procedures	Fri 11/28/03	Wed 6/2/04	UVOT, XRT, BAT																	
465		0%	Flight Operations Procedures	Sat 5/15/04	Thu 6/10/04																		
466		0%	SIM 2c FOM Procedures	Sat 5/15/04	Thu 6/10/04	John Ong																	
467		0%	SIM 2c FOT Procedures	Sat 5/15/04	Thu 6/10/04	FOT																	
468		0%	SIM 2c SOT Procedures	Sat 5/15/04	Thu 6/10/04	Marg Chester																	
469		0%	Normal Ops Procedures 2c Review	Fri 6/11/04	Thu 6/24/04	Debi Knapp																	
470		0%	Final Normal Ops Procedures 2c	Fri 6/25/04	Thu 7/1/04	Debi Knapp																	
471		0%	STOL Products for First Normal Ops Sim - 2a	Thu 7/1/04	Thu 7/1/04	ALL																	
472		0%	Dry Run Sim 2c products - Paper Sim	Fri 7/2/04	Tue 7/6/04	ALL																	
473		0%	Run Sim 2c - Paper Sim	Tue 7/6/04	Mon 7/12/04	Debi Knapp																	
474		46%	Special/Contingency Ops Sims	Wed 5/14/03	Wed 6/9/04																		
475		100%	Sim 3a part 1 (Special Sim- FSW Upload)	Wed 5/14/03	Tue 7/29/03																		
476		100%	Sim 3a part 1 Plan (GSFC)	Wed 5/14/03	Thu 7/17/03																		
477		100%	Sim Plan3a Draft	Wed 5/14/03	Wed 6/11/03		0																
478		100%	Sim Plan3a Review	Thu 6/12/03	Thu 7/10/03	Lou Parkinson	0																
479		100%	Final Sim Plan3a	Fri 7/11/03	Thu 7/17/03		0																
480		100%	Contingency Ops Procedures	Wed 5/14/03	Thu 7/17/03																		
481		100%	Contingency Ops procedures Draft	Wed 5/14/03	Wed 6/11/03																		
482		100%	SC Procedures	Wed 5/14/03	Wed 6/11/03		0																
483		100%	Instrument Procedures	Wed 5/14/03	Wed 6/11/03		0																
484		100%	Flight Operations Procedures	Wed 5/14/03	Wed 6/11/03		0																

Page 10

Tue 2/10/04			Mission Operations Readiness Schedule					Tue 2/10/04											
ID	Number	% Complete	Task Name	Start	Finish	Resources	Lnked To	03 Dec	Qtr 1, 2004 Jan	Qtr 2, 2004 Mar	Qtr 3, 2004 Apr	Qtr 4, 2004 Jun	Qtr 1, 2005 Jul	Qtr 2, 2005 Aug	Qtr 3, 2005 Sep				
485		100%	Contingency Ops procedures Review	Thu 6/12/03	Thu 7/10/03		0												
486		100%	Final Contingency Ops procedures	Fri 7/11/03	Thu 7/17/03		0												
487		100%	STOL Products for Contingency Ops Sim - 3a	Thu 7/17/03	Thu 7/17/03		0												
488		100%	Dry Run Sim 3a	Fri 7/18/03	Fri 7/18/03		0												
489		100%	Run Sim 3a part 1	Mon 7/28/03	Mon 7/28/03		0												
490		100%	Sim 3a - 1st Cont. w/FSW Upload	Mon 7/28/03	Mon 7/28/03		0												
492		100%	UVOT ICU / XRT Upload	Mon 7/28/03	Tue 7/29/03		0												
493		44%	Sim 3a part 2 / SCIF4B (First Special Sim, FSW Upload)	Thu 1/1/04	Wed 3/3/04														
494		38%	Sim 3a part 2 Procedure (GSFC)	Thu 1/1/04	Fri 2/27/04														
495		80%	Sim 3a part 2 Procedure Draft	Thu 1/1/04	Wed 1/28/04	Beth/Lou													
496		0%	Sim 3a part 2 Procedure Review	Thu 1/29/04	Wed 2/25/04	Beth/Lou													
497		0%	Sim 3a part 2 Procedure	Thu 2/26/04	Fri 2/27/04	Beth/Lou													
498		55%	Updated Special Ops Procedures	Thu 1/1/04	Wed 3/3/04														
499		75%	Special Ops procedures Draft	Thu 1/1/04	Wed 2/11/04														
500		50%	SC Procedures - Sim 3a part 2	Fri 1/9/04	Wed 2/11/04	Lisa Nelson													
501		100%	Flight Operations Procedures - Sim 3a part 2	Thu 1/1/04	Wed 1/28/04	FOT													
502		0%	Special Ops procedures Review - Sim 3a part 2	Thu 2/12/04	Wed 2/25/04	Beth Pumphrey													
503		0%	Final Special Ops procedures - Sim 3a part 2	Thu 2/26/04	Wed 3/3/04	Beth Pumphrey													
504		0%	STOL Products for Special Ops Sim - Sim 3a part 2	Wed 3/3/04	Wed 3/3/04	ALL													
505		0%	Dry Run Sim Sim 3a part 2 products	Wed 2/18/04	Tue 2/24/04	ALL													
506		0%	Run Sim 3a part 2	Fri 2/27/04	Fri 2/27/04	Beth/Lou													
510		0%	SCIF #4-B	Fri 2/27/04	Fri 2/27/04		Observatory												
511		100%	Sim 3a part 3 / SCIF 4C (Special Sim- FSW Upload)	Fri 12/26/03	Thu 2/5/04														
512		100%	Sim 3a part 3 Procedure (GSFC)	Fri 1/23/04	Tue 2/3/04														
513		100%	Sim 3a part 3 Procedure Draft	Fri 1/23/04	Fri 1/23/04	Lou Parkinson													
514		100%	Sim 3a part 3 Procedure Review	Fri 1/23/04	Thu 1/29/04	Lou Parkinson													
515		100%	Final Sim 3a part 3 Procedure	Fri 1/30/04	Tue 2/3/04	Lou Parkinson													
516		100%	Updated Special Ops Procedures	Fri 12/26/03	Tue 2/3/04														
517		100%	Special Ops procedures Draft	Fri 12/26/03	Mon 2/2/04														
518		100%	SC Procedures - Sim 3a part 3	Fri 12/26/03	Thu 1/22/04	Lisa Neslon													
519		100%	Instrument Procedures - Sim 3a part 3	Tue 1/6/04	Mon 2/2/04	UVOT, BAT													
520		100%	Flight Operations Procedures - Sim 3a part 3	Fri 1/2/04	Thu 1/29/04	FOT													
521		100%	Special Ops procedures Review - Sim 3a part 3	Mon 2/2/04	Mon 2/2/04	Lou Parkinson													
522		100%	Final Special Ops procedures - Sim 3a part 3	Tue 2/3/04	Tue 2/3/04	Lou Parkinson													
523		100%	STOL Products for Special Ops Sim - Sim 3a part 3	Tue 2/3/04	Tue 2/3/04	ALL													
524		100%	Dry Run Sim 3a part 3 products	Fri 1/23/04	Thu 1/29/04	ALL													
525		100%	Run Sim 3a part 3	Thu 2/5/04	Thu 2/5/04	Lou Parkinson													
526		100%	UVOT DPU Upload	Thu 2/5/04	Thu 2/5/04		Observatory												
527		5%	Sim 3b (2nd Contingency Sim - Hotbench)	Wed 1/7/04	Mon 4/5/04														
528		13%	Sim 3b Procedure (GSFC)	Wed 1/7/04	Thu 3/18/04														
529		30%	Sim 3b Procedure Draft	Wed 1/7/04	Mon 2/16/04	Debi Knapp													
530		0%	Sim 3b Procedure Review	Mon 2/16/04	Sat 3/13/04	Debi Knapp													
531		0%	Final Sim 3b Procedure	Sat 3/13/04	Thu 3/18/04	Debi Knapp													
532		0%	Updated Contingency Ops Procedures	Fri 2/27/04	Mon 3/29/04														

Tue 2/10/04			Mission Operations Readiness Schedule					Tue 2/10/04											
ID	Number	% Complete	Task Name	Start	Finish	Resources	Lnked To	03 Dec	Qtr 1, 2004 Jan e	Qtr 2, 2004 MarApr	Qtr 3, 2004 a Jun Jul Aug e								
533		0%	Contingency Ops procedures Draft	Fri 2/27/04	Mon 3/22/04														
534		0%	SIM 3b SC Procedures	Fri 2/27/04	Mon 3/22/04	Lisa Nelson													
535		0%	SIM 3b Instrument Procedures	Fri 2/27/04	Mon 3/22/04	UVOT, XRT, BAT													
536		0%	SIM 3b Flight Operations Procedures	Fri 2/27/04	Mon 3/22/04	FOT													
537		0%	SIM 3b Contingency Ops procedures Review	Fri 2/27/04	Mon 3/22/04	Debi Knapp													
538		0%	SIM 3b Final Contingency Ops procedures	Tue 3/23/04	Mon 3/29/04	Debi Knapp													
539		0%	STOL Products for Contingency Ops Sim - 3b	Mon 3/29/04	Mon 3/29/04	ALL													
540		0%	Dry Run Sim 3b	Thu 3/25/04	Fri 3/26/04	ALL													
541		0%	Run Sim 3b	Fri 4/2/04	Sat 4/3/04	Debi Knapp													
545		0%	Break Down from EMI	Fri 4/2/04	Mon 4/5/04		Observatory												
546		0%	Sim 3c (3rd Contingency Sim)	Mon 4/12/04	Wed 6/9/04														
547		0%	Sim 3c Procedure (PSU)	Mon 4/12/04	Wed 6/9/04														
548		0%	Sim 3c Procedure Draft	Mon 4/12/04	Thu 5/6/04	Debi Knapp													
549		0%	Sim 3c Procedure Review	Fri 5/7/04	Wed 6/2/04	Debi Knapp													
550		0%	Final Sim 3c Procedure	Thu 6/3/04	Wed 6/9/04	Debi Knapp													
551		0%	Udated Contingency Ops Procedures	Mon 4/12/04	Wed 5/26/04														
552		0%	Contingency Ops procedures Draft	Mon 4/12/04	Thu 5/6/04														
553		0%	SIM 3c SC Procedures	Mon 4/12/04	Thu 5/6/04	Lisa Nelson													
554		0%	SIM 3c Instrument Procedures	Mon 4/12/04	Thu 5/6/04	UVOT, XRT, BAT													
555		0%	SIM 3c Flight Operations Procedures	Mon 4/12/04	Thu 5/6/04	FOT													
556		0%	SIM 3c Contingency Ops procedures Review	Fri 5/7/04	Wed 5/19/04	Debi Knapp													
557		0%	SIM 3c Final Contingency Ops procedures	Thu 5/20/04	Wed 5/26/04	Debi Knapp													
558		0%	STOL Products for Contingency Ops Sim - 3c	Wed 5/26/04	Wed 5/26/04	ALL													
559		0%	Dry Run Sim 3c products	Thu 5/27/04	Tue 6/1/04	ALL													
560		0%	Run Sim 3c	Mon 6/7/04	Mon 6/7/04	Debi Knapp													
564		0%	L&EO Contingency Rehersal	Mon 6/7/04	Mon 6/7/04		Observatory												
565		0%	Proficiency Tests	Fri 2/20/04	Wed 6/16/04														
567		0%	DAS Proficiency	Fri 2/20/04	Mon 2/23/04	Beth Pumphrey													
568		0%	DAS Proficiency	Wed 3/17/04	Thu 3/18/04	Beth Pumphrey													
569		0%	DAS Proficiency	Fri 4/9/04	Mon 4/12/04	Beth Pumphrey													
570		0%	Final DAS Testing	Thu 5/6/04	Mon 5/10/04	Beth Pumphrey	Ship Obs												
571		0%	Malindi Proficiency	Fri 3/12/04	Sat 3/13/04	Beth Pumphrey													
572		0%	Malindi Proficiency	Sun 4/4/04	Mon 4/5/04	Beth Pumphrey													
573		0%	Malindi Proficiency	Fri 4/30/04	Sun 5/2/04	Beth Pumphrey													
574		0%	Final Malindi ETE Test	Wed 5/26/04	Fri 5/28/04	Beth Pumphrey	Ship Obs												
576		0%	USN Proficiency	Mon 3/29/04	Mon 3/29/04	Beth Pumphrey													
577		0%	USN Proficiency	Thu 4/22/04	Thu 4/22/04	Beth Pumphrey													
578		0%	USN Proficiency	Tue 5/18/04	Tue 5/18/04	Beth Pumphrey													
579		0%	Final USN Test	Tue 6/15/04	Wed 6/16/04	Beth Pumphrey	Ship Obs												
580		0%	Operations Readiness Tests	Mon 3/15/04	Fri 8/27/04														
581		0%	Draft ORT plan	Mon 3/15/04	Mon 3/15/04	Lou Parkinson													
582		0%	Update ORT plan	Tue 4/13/04	Tue 4/13/04	Lou Parkinson													
583		0%	Final ORT plan	Thu 5/13/04	Thu 5/13/04	Lou Parkinson													
584		0%	ORT 1 Test Script	Thu 6/3/04	Thu 6/3/04	Lou Parkinson / FOT													

Tue 2/10/04			Mission Operations Readiness Schedule					Tue 2/10/04											
ID	Number	% Complete	Task Name	Start	Finish	Resources	Lnked To	03 Dec	Qtr 1, 2004 Jan	Qtr 2, 2004 Mar	Qtr 3, 2004 Apr	Qtr 3, 2004 Jun	Qtr 3, 2004 Jul	Qtr 3, 2004 Aug	Qtr 3, 2004 Sep				
585		0%	ORT 1	Wed 6/9/04	Wed 6/9/04	Lou Parkinson / FOT	Launch - 3 mos												
586		0%	ORT 2 Test Script	Fri 6/11/04	Fri 6/11/04	Lou Parkinson / FOT													
587		0%	ORT 2	Thu 6/17/04	Thu 6/17/04	Lou Parkinson / FOT													
588		0%	ORT 3 Test Script	Mon 6/21/04	Mon 6/21/04	Lou Parkinson / FOT													
589		0%	ORT 3	Fri 6/25/04	Fri 6/25/04	Lou Parkinson / FOT													
590		0%	ORT 4 Test Script	Tue 6/29/04	Tue 6/29/04	Lou Parkinson / FOT													
591		0%	ORT 4	Mon 7/5/04	Mon 7/5/04	Lou Parkinson / FOT													
592		0%	ORT 5 Test Script	Wed 7/7/04	Wed 7/7/04	Lou Parkinson / FOT													
593		0%	ORT 5	Tue 7/13/04	Tue 7/13/04	Lou Parkinson / FOT													
594		0%	ORT 6 Test Script	Thu 7/15/04	Thu 7/15/04	Lou Parkinson / FOT													
595		0%	ORT 6	Wed 7/21/04	Wed 7/21/04	Lou Parkinson / FOT													
596		0%	ORT 7 Test Script	Fri 7/23/04	Fri 7/23/04	Lou Parkinson / FOT													
597		0%	ORT 7	Thu 7/29/04	Thu 7/29/04	Lou Parkinson / FOT													
598		0%	ORT 8 Test Script	Mon 8/2/04	Mon 8/2/04	Lou Parkinson / FOT													
599		0%	ORT 8	Fri 8/6/04	Fri 8/6/04	Lou Parkinson / FOT													
600		0%	ORT/Proficiency Tests (as needed)	Mon 8/9/04	Fri 8/27/04	Lou Parkinson / FOT													
601		33%	Final Ops Readiness	Mon 11/17/03	Wed 8/25/04														
602		0%	Ops / ITOS Product Review (ORR -2w)	Wed 6/23/04	Wed 6/23/04		ORR												
603		0%	All ITOS Procs Finalized for Launch	Wed 6/23/04	Wed 6/23/04														
604		99%	Operations Readiness Review (L-2 mos)	Mon 11/17/03	Wed 7/7/04														
605		100%	ORR Prep and Presentation - Initial Agenda	Mon 11/17/03	Mon 11/17/03	Lou Parkinson													
606		0%	ORR Prep and Presentation - Final Agenda	Wed 5/26/04	Wed 5/26/04	Marshall / Lou Parkinson													
607		0%	ORR Prep and Presentation	Wed 7/7/04	Wed 7/7/04	Marshall / Lou Parkinson	Launch - 60d												
608		0%	Freeze Date	Wed 7/7/04	Wed 7/7/04		Launch - 2 mos												
609		0%	ITOS Database	Wed 7/7/04	Wed 7/7/04														
610		0%	ITOS Products	Wed 7/7/04	Wed 7/7/04														
611		0%	Flight Readiness Review L-5 days	Wed 8/25/04	Wed 8/25/04														
612		0%	Launch	Wed 9/1/04	Wed 9/1/04														
613		0%	Post-Launch Mission Ops	Wed 9/1/04	Tue 11/23/04														
614		0%	S/C Bus Engineering Network at PSU	Wed 9/1/04	Tue 11/23/04														
615		0%	Run L&EO Ops at PSU	Wed 9/1/04	Thu 9/30/04														
616		0%	SAR (NET Last week of L&EO)	Fri 9/24/04	Fri 10/1/04														
617		0%	Prepare SAR Material	Fri 9/24/04	Fri 10/1/04														