



10624 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Cycle: 14, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
11	(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC	3	21-Sep-2006 21:29:25.0	yes
12	(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC	3	21-Sep-2006 21:29:43.0	yes
13	(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC	3	21-Sep-2006 21:29:54.0	yes
14	(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC	3	21-Sep-2006 21:30:06.0	yes
21	(7) GRB050709	ACS/WFC	3	21-Sep-2006 21:30:17.0	yes
22	(7) GRB050709	ACS/WFC	3	21-Sep-2006 21:30:31.0	yes
23	(7) GRB050709	ACS/WFC	3	21-Sep-2006 21:30:40.0	yes
24	(7) GRB050709	ACS/WFC	3	21-Sep-2006 21:30:51.0	yes
25	(7) GRB050709	ACS/WFC	3	21-Sep-2006 21:31:04.0	yes
31	(11) GRB060313	ACS/HRC	3	21-Sep-2006 21:31:13.0	yes
32	(11) GRB060313	ACS/HRC	3	21-Sep-2006 21:31:21.0	yes
33	(11) GRB060313	ACS/HRC	3	21-Sep-2006 21:31:32.0	yes
41	(4) SHORTHARDGRB-AFTERGLOW-2	ACS/HRC	3	21-Sep-2006 21:31:41.0	yes
42	(4) SHORTHARDGRB-AFTERGLOW-2	ACS/HRC	3	21-Sep-2006 21:31:50.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
43	(4) SHORTHARDGRB-AFTERGLOW-2	ACS/HRC	3	21-Sep-2006 21:31:59.0	yes
52	(10) GRB050813	ACS/WFC	2	21-Sep-2006 21:32:06.0	yes
53	(10) GRB050813	ACS/WFC	2	21-Sep-2006 21:32:17.0	yes
54	(10) GRB050813	ACS/WFC	2	21-Sep-2006 21:32:24.0	yes
55	(10) GRB050813	ACS/WFC	2	21-Sep-2006 21:32:32.0	yes
56	(10) GRB050813	ACS/WFC	3	21-Sep-2006 21:32:45.0	yes
61	(12) GRB060205B	ACS/WFC	3	21-Sep-2006 21:32:55.0	yes
62	(12) GRB060205B	ACS/WFC	3	21-Sep-2006 21:33:05.0	yes
63	(12) GRB060205B	ACS/WFC	3	21-Sep-2006 21:33:18.0	yes
64	(12) GRB060205B	ACS/WFC	3	21-Sep-2006 21:33:28.0	yes
65	(13) GRB060614	WFPC2	4	21-Sep-2006 21:33:42.0	yes
66	(13) GRB060614	ACS/WFC	2	21-Sep-2006 21:33:54.0	yes
67	(13) GRB060614	ACS/WFC	2	21-Sep-2006 21:34:02.0	yes
68	(13) GRB060614	ACS/WFC	2	21-Sep-2006 21:34:09.0	yes

78 Total Orbits Used

ABSTRACT

Eight years after the afterglow detections that revolutionized studies of the long-soft gamma-ray bursts, not even one afterglow of a short-hard GRB has been seen, and the nature of these events has become one of the most important problems in GRB research. The Swift satellite, expected to be in full operation throughout Cycle 14, will report few-arcsecond localizations for short-hard bursts in minutes, enabling prompt, deep optical afterglow searches for the first time. Discovery and observation of the first short-hard optical afterglows will answer most of the critical questions about these events: What are their distances and energies? Do they occur in distant galaxies, and if so, in which regions of those galaxies? Are they the result of

collimated or quasi-spherical explosions? In combination with an extensive rapid-response ground-based campaign, we propose to make the critical high-sensitivity HST TOO observations that will allow us to answer these questions. If theorists are correct in attributing the short-hard bursts to binary neutron star coalescence events, then they will serve as signposts to the primary targeted source population for ground-based gravitational-wave detectors, and short-hard burst studies will have a vital role to play in guiding those observations.

OBSERVING DESCRIPTION

Target Sample:

We will trigger on short-hard gamma-ray bursts detected with the Swift satellite, or by other satellites if our criteria for speed and accuracy of the burst localization are met.

In order to trigger a "TOO Afterglow Search," we require a localization that is less than 3 arcmin across at its fullest extent, reported within 10 minutes of the burst, and located such that ground-based optical facilities, or the Swift satellite itself, are able to make immediate follow-up observations. If no optical counterpart is identified within one day of such a burst, we will trigger the afterglow search observations.

In order to trigger an "Afterglow Astrometry and Photometry" sequence, we require identification of the optical afterglow of a short-hard burst by our own group or others, within at most 3 days of the burst.

Finally, the "Afterglow Follow-Up" observation will be triggered as a separate observation only in the case that we are able to identify an optical afterglow with our TOO afterglow search.

TOO Afterglow Search:

The afterglow search sequence consists of three visits with ACS/WFC or ACS/HRC, beginning as soon as possible consistent with HST scheduling constraints. This is a "Rapid TOO," so we expect the first visit to occur roughly 5 days after our request, or 6 days after the burst. Each visit in the

sequence consists of three orbits of dithered exposures in the F814W filter with the designated instrument/aperture. The second visit will be 5 +/- 1 days after the first, and the third visit will be 10 +/- 2 days after the second.

Afterglow Astrometry and Photometry:

The afterglow astrometry and photometry sequence consists of three visits with ACS/HRC, beginning as soon as possible consistent with the HST schedule, and without requiring a Rapid TOO. We expect the first observation to occur between 14 and 24 days after our request, or 15 to 25 days after the burst. Each visit in the sequence consists of three orbits of dithered exposures in the F814W filter with the HRC. The second visit will be 10 +/- 2 days after the first, and the third visit will be 10 +/- 2 days after the second.

Afterglow Follow-Up:

The afterglow follow-up sequence is a single 3-orbit visit with ACS/HRC (F814W), scheduled without use of an official TOO. We expect the first observation to occur between 14 and 24 days after our request, which will be made if and when we are able to identify an optical afterglow during the execution of our "TOO Afterglow Search" program.

ADDITIONAL COMMENTS

TOO Observations:

Two of our observation sequences are designated as Rapid TOO's for HST, requiring a roughly 5-day turnaround. These are the "TOO Afterglow Search" sequences, using either ACS WFC or HRC, depending on the size of the localization region at the time of triggering.

Our remaining two observation sequences are also targets of opportunity, but will be executed beyond the 14-day Rapid TOO window.

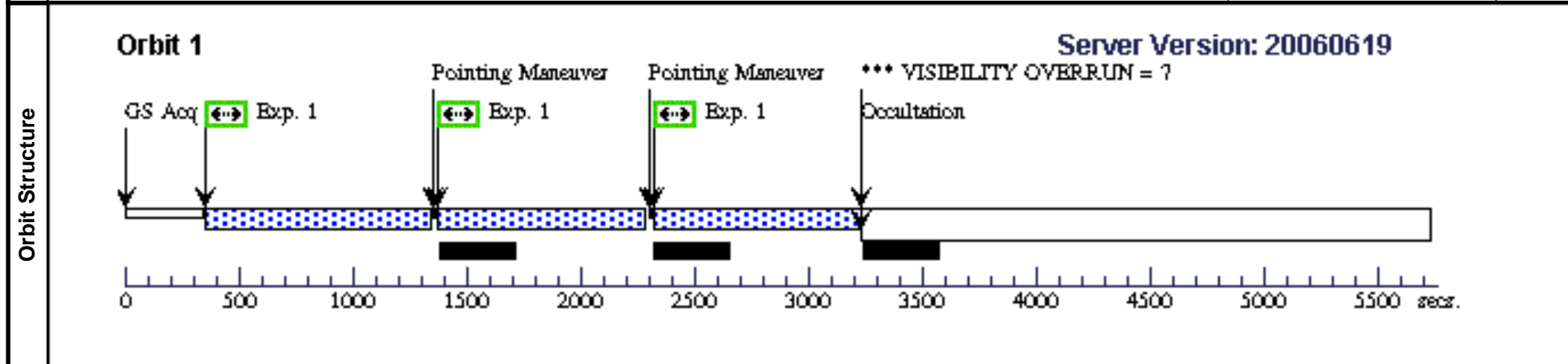
Proposal 10624 - Visit 11 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

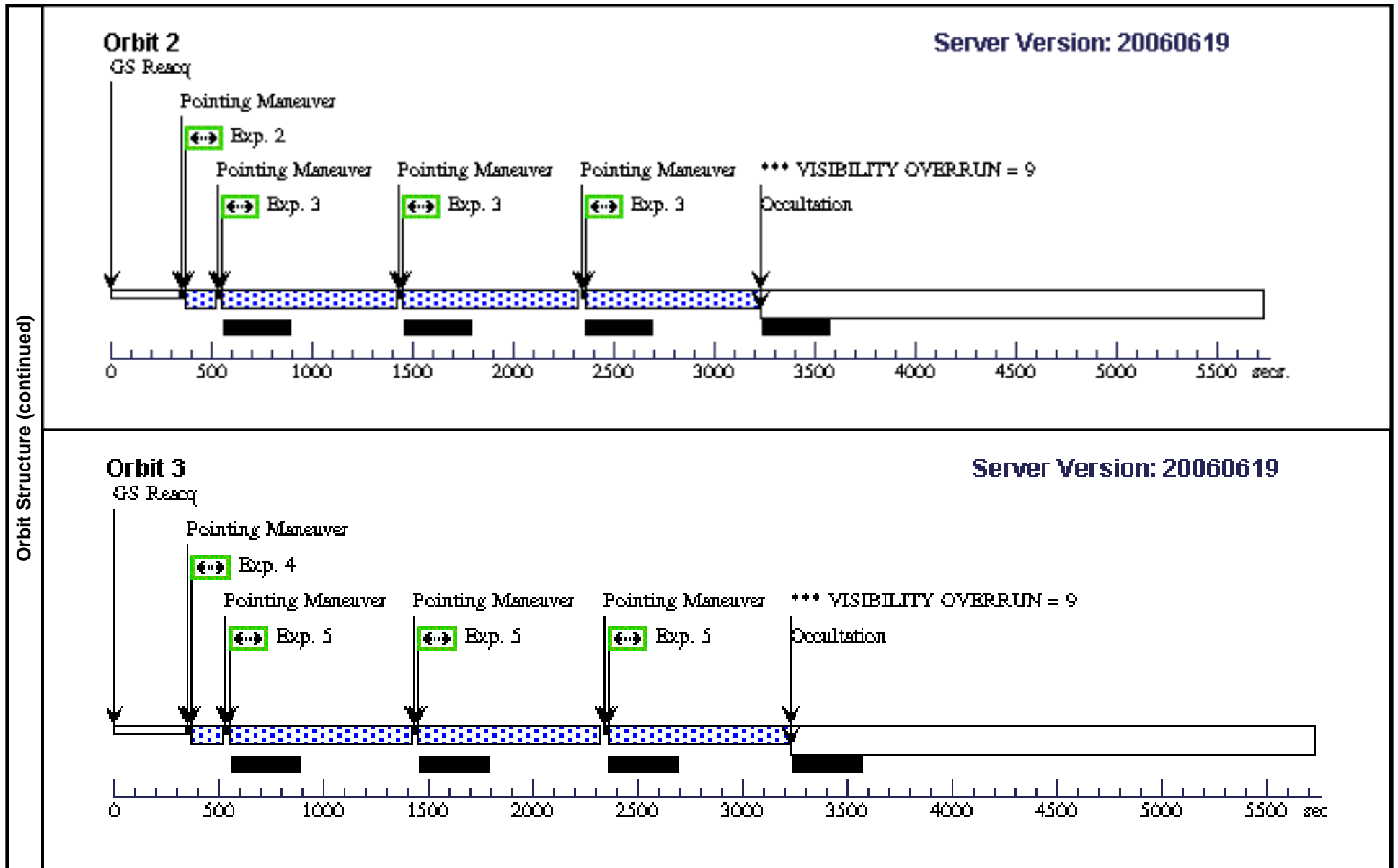
Fri Sep 22 01:34:11 GMT 2006

Visit	Proposal 10624, Visit 11, withdrawn Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; ON HOLD <i>On Hold Comments: Target of Opportunity (Rapid Response)</i>									
	Diagnostics	(Visit 11) Warning: VISIBILITY OVERRUN (Visit 11) Warning: VISIBILITY OVERRUN (Visit 11) Warning: VISIBILITY OVERRUN								
Patterns		#	Primary Pattern				Secondary Pattern			Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=33 Angle Between Sides= Center Pattern=true			(1), (3), (5)	
Generic Targets	#	Name	Criteria	Description						
	(1)	SHORTHARDGRB-XRT-SEARCH	ON HOLD	GAMMA RAY BURSTER						
<i>Comments: This is one of two "Rapid TOO" targets in the proposal.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Sequence 1-1 Non-Int Pattern 1-1 (1)	786.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.330667,0.173467	Sequence 2-3 Non-Int	21.0 Secs [=>]	[2]
	3		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.330667,0.173467	Sequence 2-3 Non-Int Pattern 3-3 (1)	747.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]
	4		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.330667,-0.173467	Sequence 4-5 Non-Int	21.0 Secs [=>]	[3]

Proposal 10624 - Visit 11 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	5		(1) SHORTHARDG RB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-0.173467	Sequence 4-5 Non-Int Pattern 5-5 (1)	747.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]





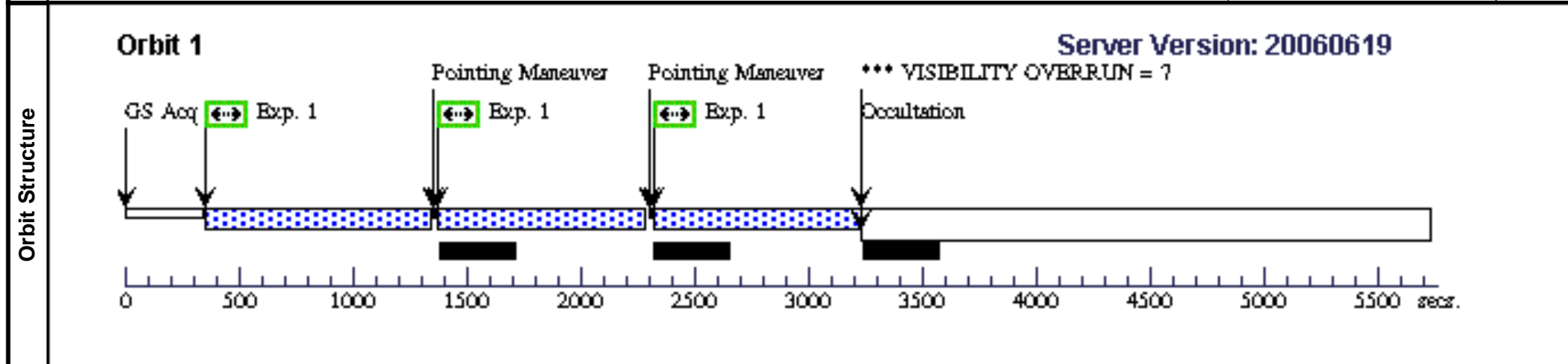
Proposal 10624 - Visit 12 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

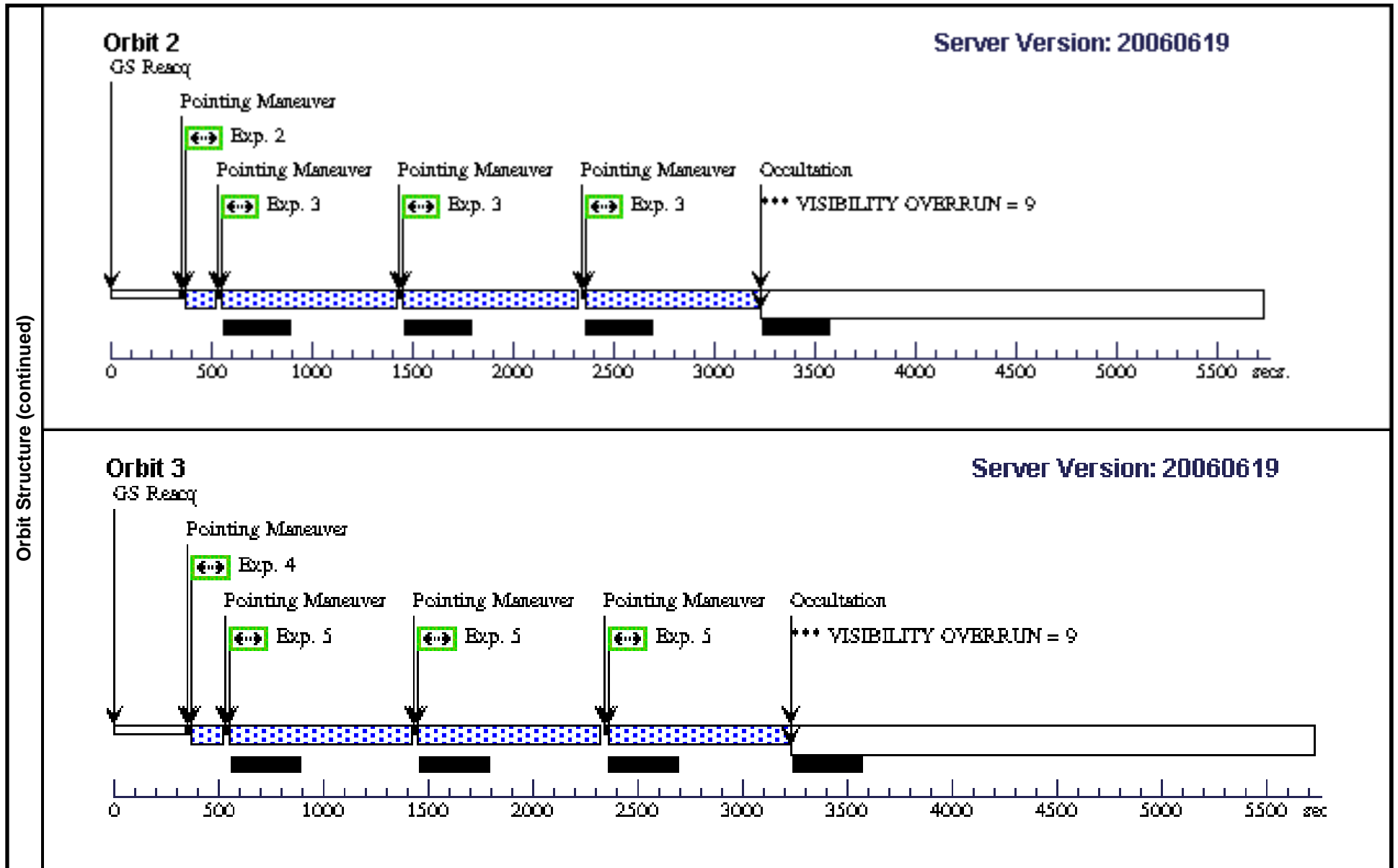
Fri Sep 22 01:34:14 GMT 2006

Visit	Proposal 10624, Visit 12, withdrawn Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; AFTER 11 BY 4 D TO 6 D; ON HOLD <i>On Hold Comments: First follow-up observation to the Visit 11 Rapid-Response TOO.</i>									
	Diagnostics	(Visit 12) Warning: VISIBILITY OVERRUN (Visit 12) Warning: VISIBILITY OVERRUN (Visit 12) Warning: VISIBILITY OVERRUN								
Patterns		#	Primary Pattern				Secondary Pattern			Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=33 Angle Between Sides= Center Pattern=true			(1), (3), (5)	
Generic Targets	#	Name	Criteria	Description						
	(1)	SHORTHARDGRB-XRT-SEARCH	ON HOLD	GAMMA RAY BURSTER						
<i>Comments: This is one of two "Rapid TOO" targets in the proposal.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Sequence 1-1 Non-Int Pattern 1-1 (1)	786.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.330667,0.173467	Sequence 2-3 Non-Int	21.0 Secs [=>]	[2]
	3		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.330667,0.173467	Sequence 2-3 Non-Int Pattern 3-3 (1)	747.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]
	4		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.330667,-0.173467	Sequence 4-5 Non-Int	21.0 Secs [=>]	[3]

Proposal 10624 - Visit 12 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	5		(1) SHORTHARDG RB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-0.173467	Sequence 4-5 Non-Int Pattern 5-5 (1)	747.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]





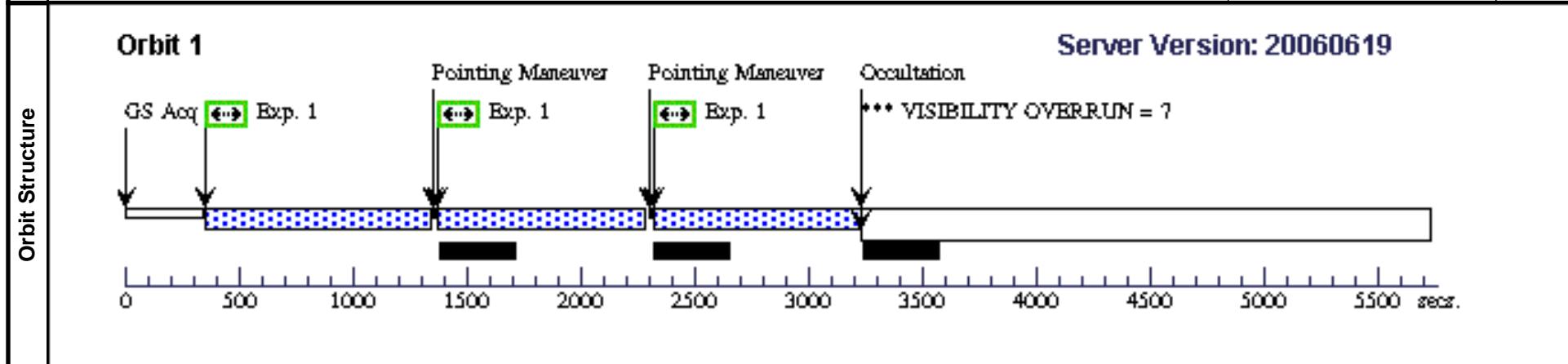
Proposal 10624 - Visit 13 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

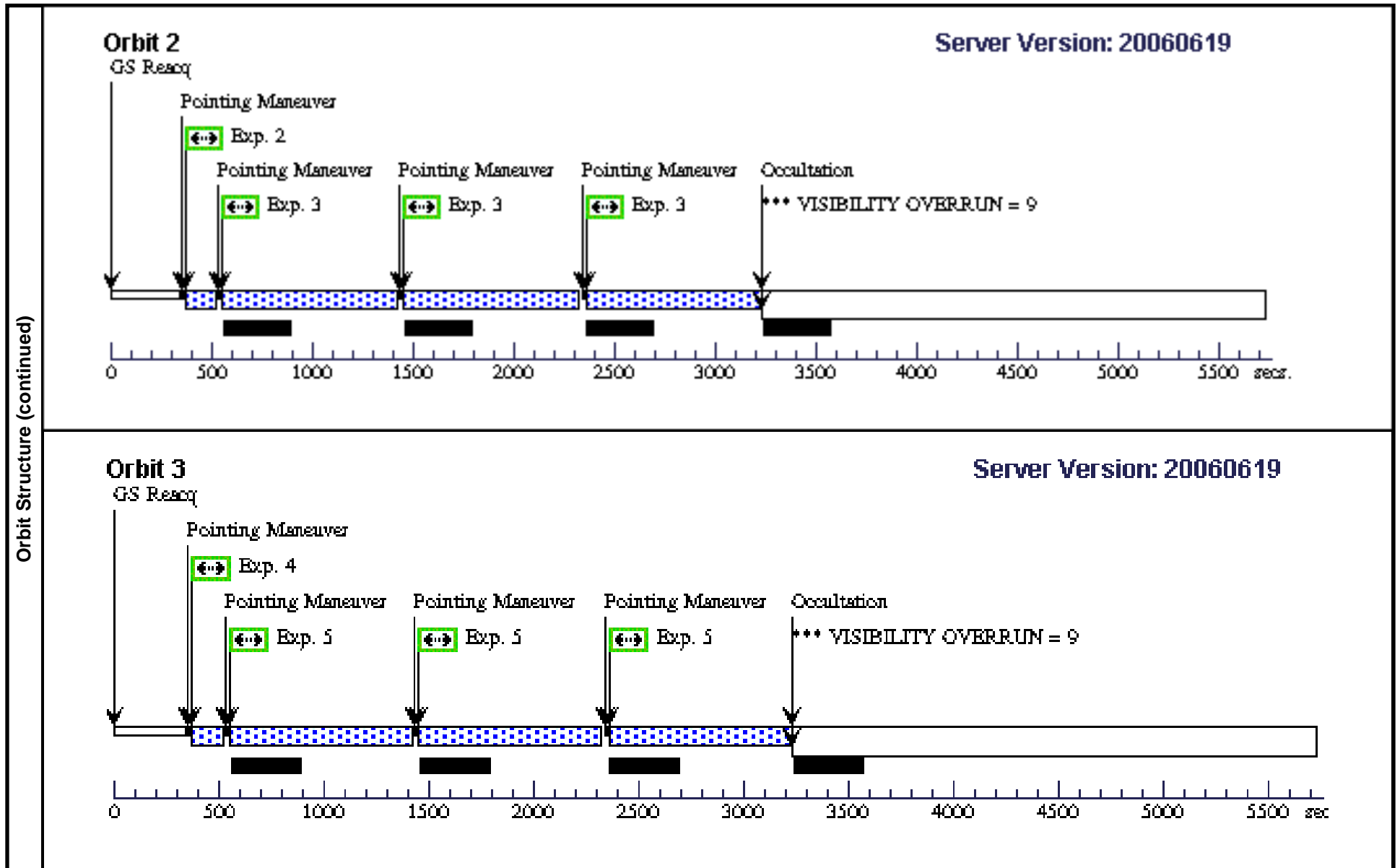
Fri Sep 22 01:34:15 GMT 2006

Visit	Proposal 10624, Visit 13, withdrawn Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; AFTER 12 BY 100 D TO 150 D; ON HOLD <i>On Hold Comments: Second follow-up observation to the Visit 11 Rapid-Response TOO.</i>									
	Diagnostics	(Visit 13) Warning: VISIBILITY OVERRUN (Visit 13) Warning: VISIBILITY OVERRUN (Visit 13) Warning: VISIBILITY OVERRUN								
Patterns		#	Primary Pattern				Secondary Pattern			Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=33 Angle Between Sides= Center Pattern=true			(1), (3), (5)	
Generic Targets	#	Name	Criteria	Description						
	(1)	SHORTHARDGRB-XRT-SEARCH	ON HOLD	GAMMA RAY BURSTER						
<i>Comments: This is one of two "Rapid TOO" targets in the proposal.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Sequence 1-1 Non-Int Pattern 1-1 (1)	786.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.33067,0.173467	Sequence 2-3 Non-Int	21.0 Secs [=>]	[2]
	3		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.33067,0.173467	Sequence 2-3 Non-Int Pattern 3-3 (1)	747.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]
	4		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.33067,-0.173467	Sequence 4-5 Non-Int	21.0 Secs [=>]	[3]

Proposal 10624 - Visit 13 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	5		(1) SHORTHARDG RB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-0.173467	Sequence 4-5 Non-Int Pattern 5-5 (1)	747.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]





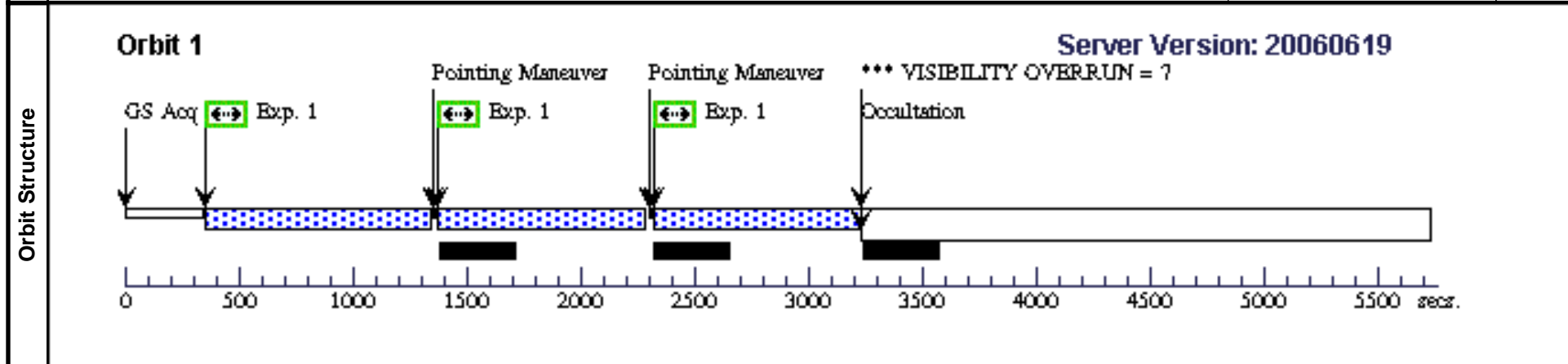
Proposal 10624 - Visit 14 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

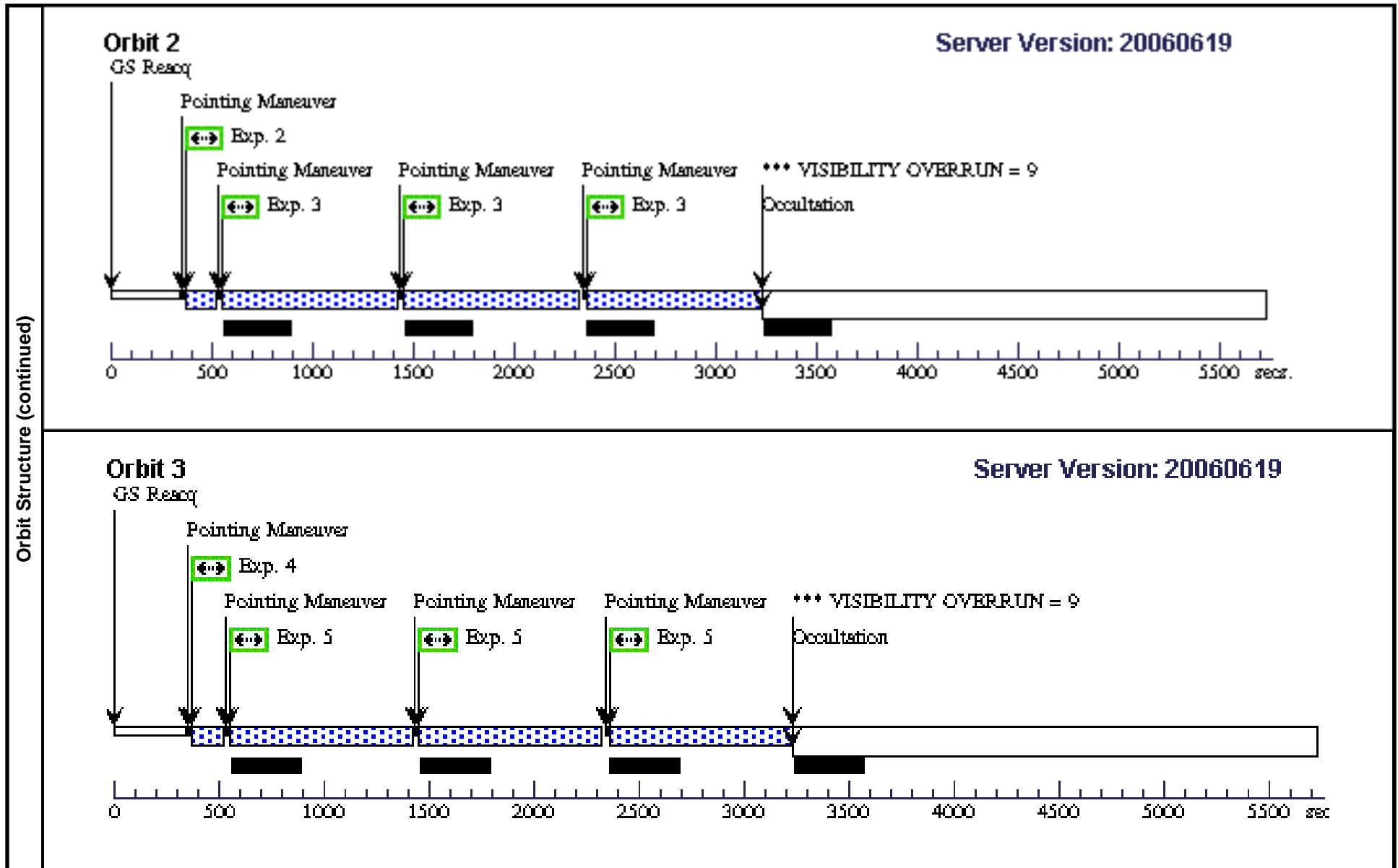
Fri Sep 22 01:34:15 GMT 2006

Visit	Proposal 10624, Visit 14, withdrawn Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; AFTER 13 BY 20 D TO 35 D; ON HOLD <i>On Hold Comments: TOO Observation: Late-time afterglow follow-up imaging for any afterglow discovered in Visits 11-13. Scheduled observation which will be withdrawn if no afterglow is identified.</i>									
	Diagnostics	(Visit 14) Warning: VISIBILITY OVERRUN (Visit 14) Warning: VISIBILITY OVERRUN (Visit 14) Warning: VISIBILITY OVERRUN								
Patterns		#	Primary Pattern				Secondary Pattern			Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=33 Angle Between Sides= Center Pattern=true			(1), (3), (5)	
Generic Targets	#	Name	Criteria	Description						
	(1)	SHORTHARDGRB-XRT-SEARCH	ON HOLD	GAMMA RAY BURSTER						
<i>Comments: This is one of two "Rapid TOO" targets in the proposal.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Sequence 1-1 Non-Int Pattern 1-1 (1)	786.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.330667,0.173467	Sequence 2-3 Non-Int	21.0 Secs [=>]	[2]
	3		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.330667,0.173467	Sequence 2-3 Non-Int Pattern 3-3 (1)	747.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]
	4		(1) SHORTHARDGRB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.330667,-0.173467	Sequence 4-5 Non-Int	21.0 Secs [=>]	[3]

Proposal 10624 - Visit 14 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	5		(1) SHORTHARDG RB-XRT-SEARCH	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-0.173467	Sequence 4-5 Non-Int Pattern 5-5 (1)	747.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[3]

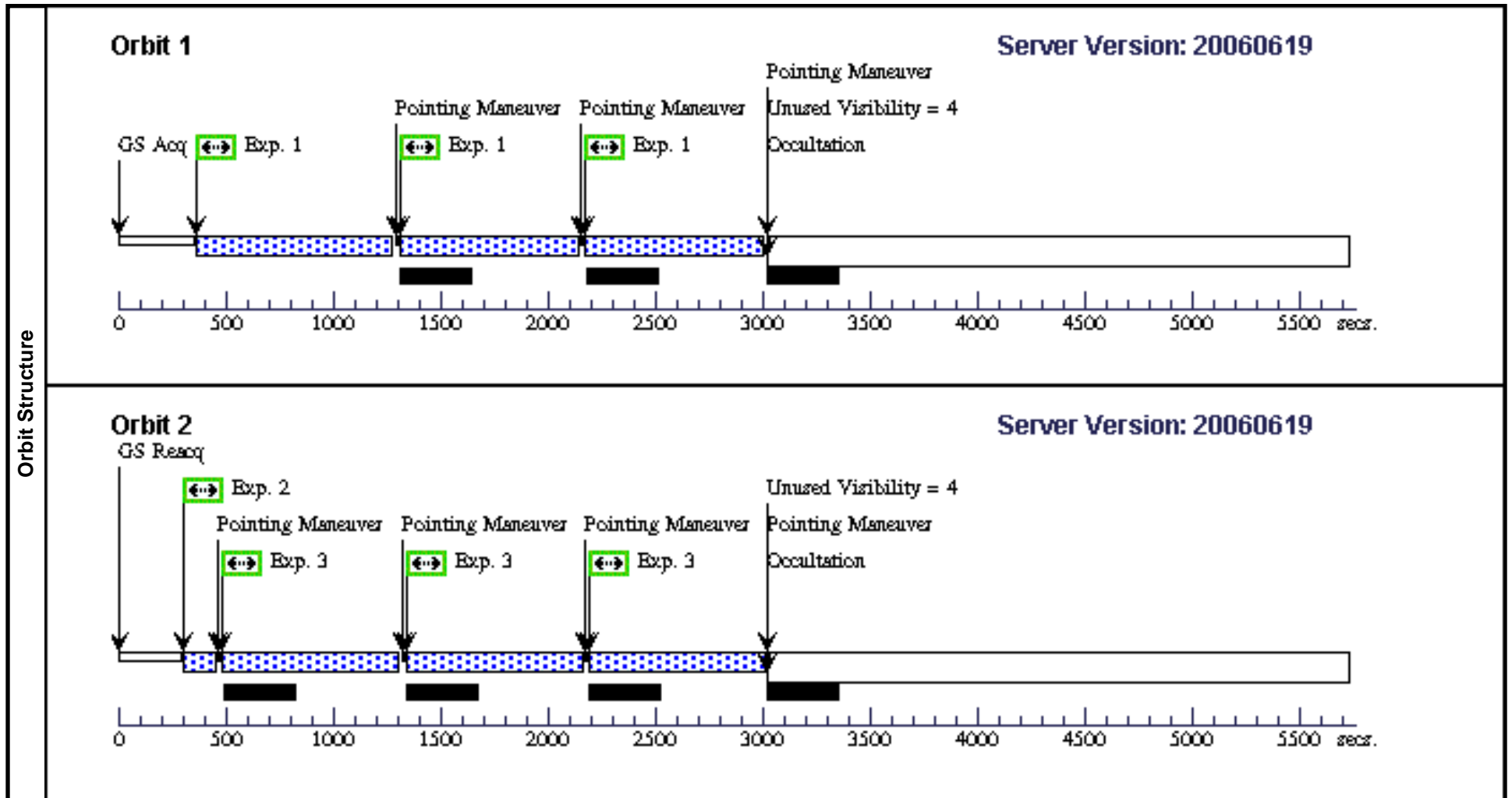


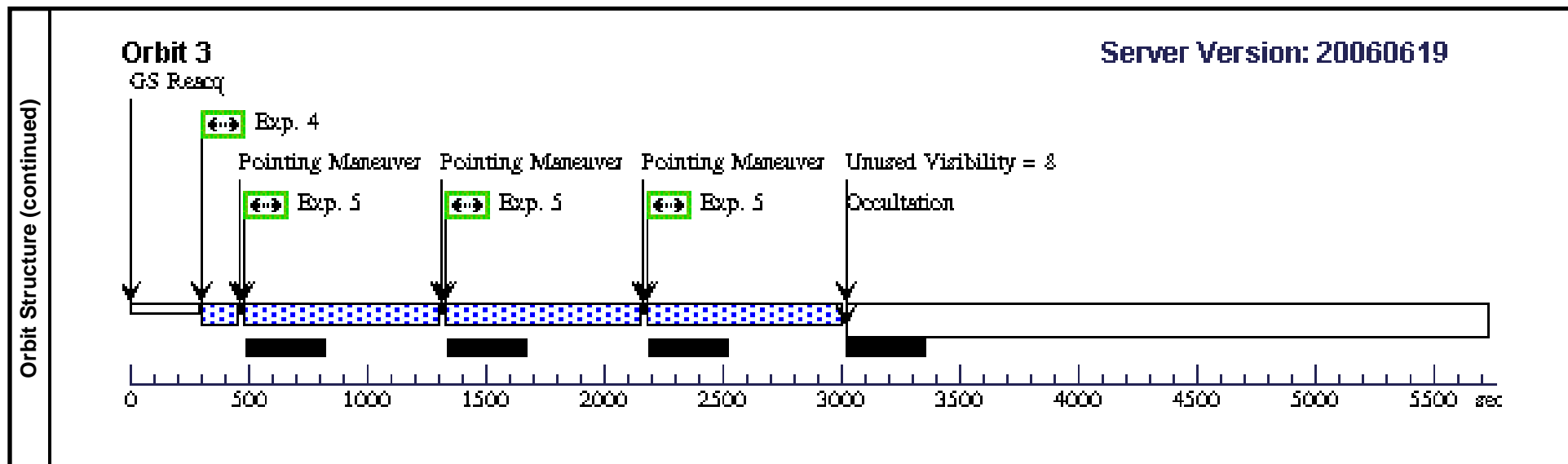


Proposal 10624 - Visit 21 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:17 GMT 2006

Visit	Proposal 10624, Visit 21, completed Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; NUMBER OF GYROS 3; SCHED 100%									
	(Visit 21) Warning: GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE									
Diagnosics										
Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=33 Angle Between Sides= Center Pattern=true			(1), (3), (5)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(7)	GRB050709	RA: 23 01 30.0000 (345.3750000d) Dec: -38 58 33.00 (-38.97583d) Equinox: J2000 Plate Id: (?)				V=24.0+/-2.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	GS ACQ SCENARIO BASE13GO	Sequence 1-1 Non-Int Pattern 1-1 (1)	710.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG -0.330667,2.55907	Sequence 2-3 Non-Int	29.0 Secs [==>]	[2]
	3		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG -0.330667,2.55907	Sequence 2-3 Non-Int Pattern 3-3 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]
	4		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG 0.330667,-2.55907	Sequence 4-5 Non-Int	25.0 Secs [==>]	[3]
	5		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG 0.330667,-2.55907	Sequence 4-5 Non-Int Pattern 5-5 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]

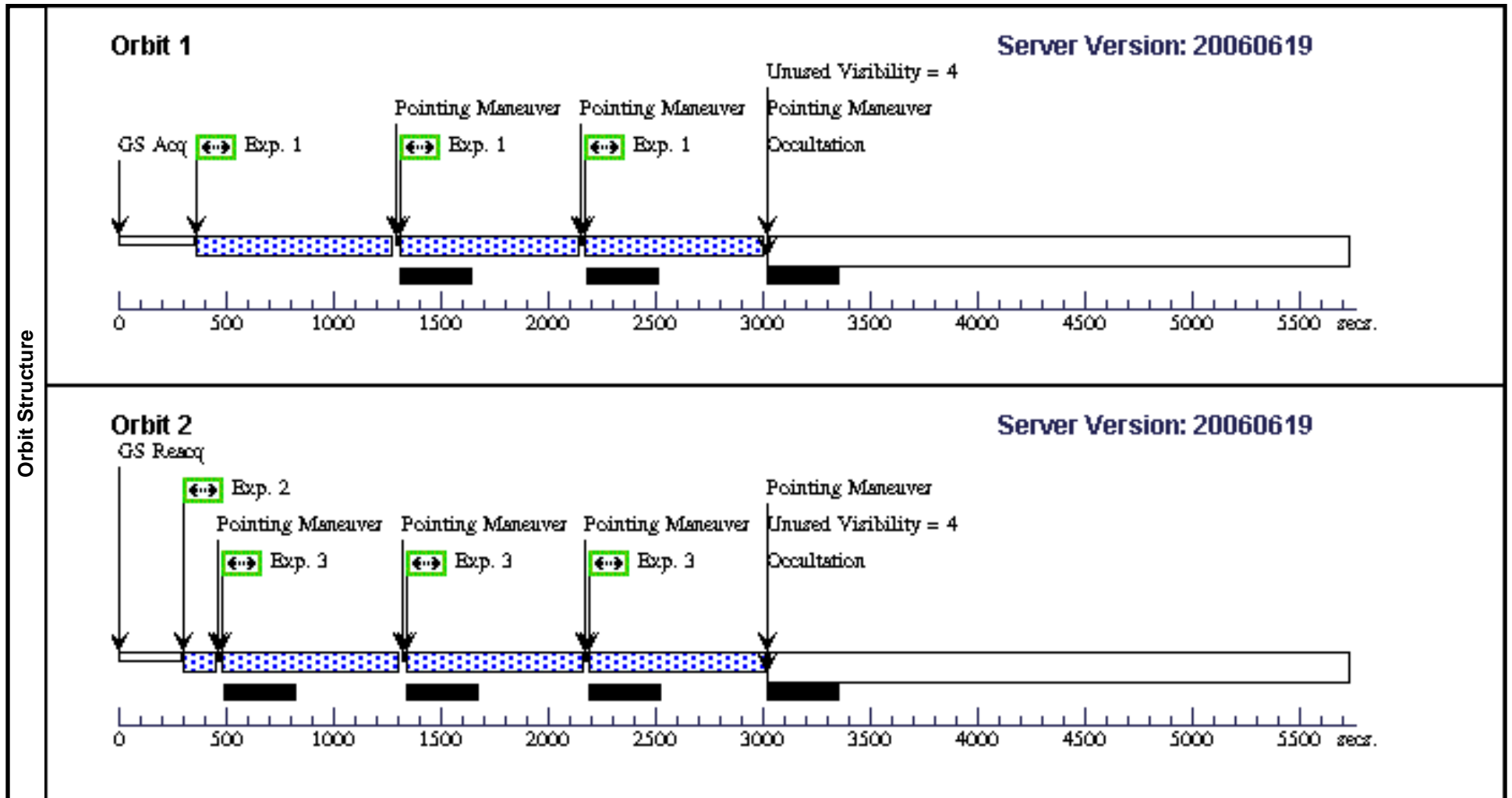


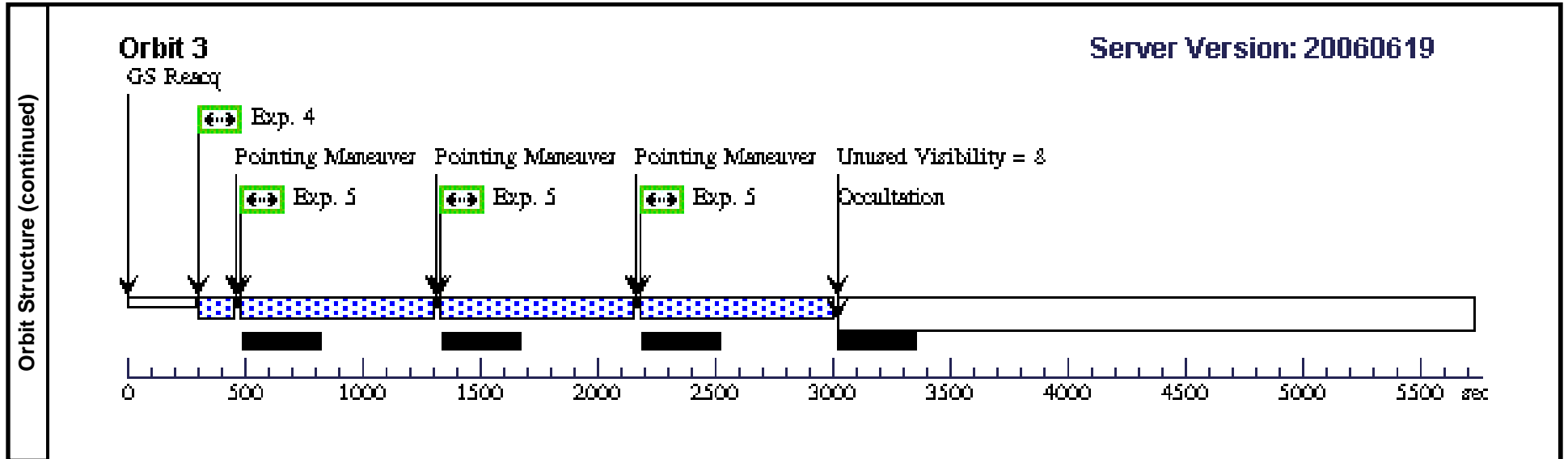


Proposal 10624 - Visit 22 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:18 GMT 2006

Visit	Proposal 10624, Visit 22, completed Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; NUMBER OF GYROS 3; SCHED 100%; SAME ORIENT AS 21; AFTER 21 BY 4 D TO 6 D									
	(Visit 22) Warning: GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE									
Diagnostics										
Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=33 Angle Between Sides= Center Pattern=true			(1), (3), (5)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(7)	GRB050709	RA: 23 01 30.0000 (345.3750000d) Dec: -38 58 33.00 (-38.97583d) Equinox: J2000 Plate Id: (?)				V=24.0+/-2.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	GS ACQ SCENARI O BASE13GO	Sequence 1-1 Non-Int Pattern 1-1 (1)	710.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG -0.3306 67,2.55907	Sequence 2-3 Non-Int	29.0 Secs [==>]	[2]
	3		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG -0.3306 67,2.55907	Sequence 2-3 Non-Int Pattern 3-3 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]
	4		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-2.55907	Sequence 4-5 Non-Int	25.0 Secs [==>]	[3]
	5		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-2.55907	Sequence 4-5 Non-Int Pattern 5-5 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]

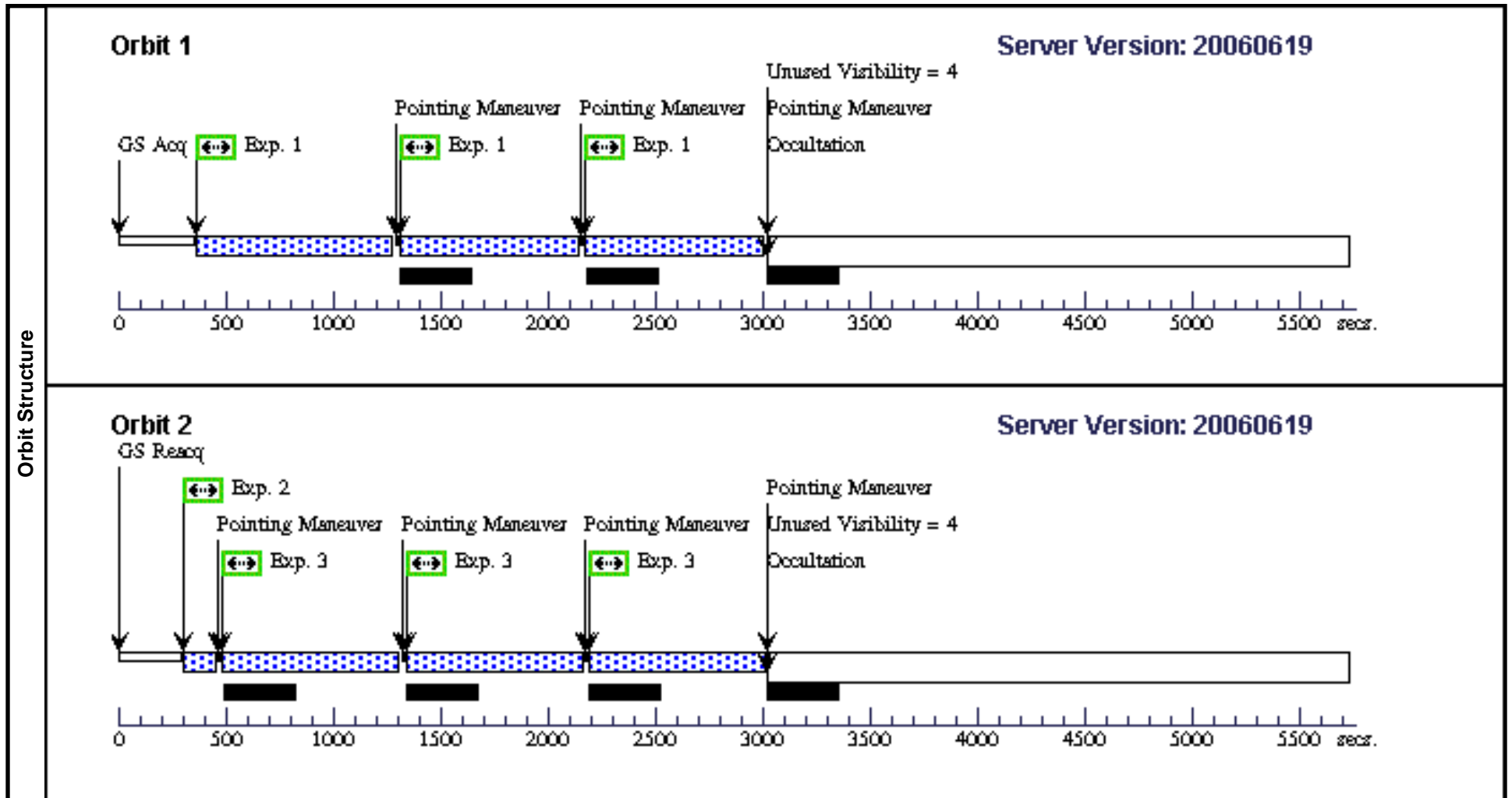


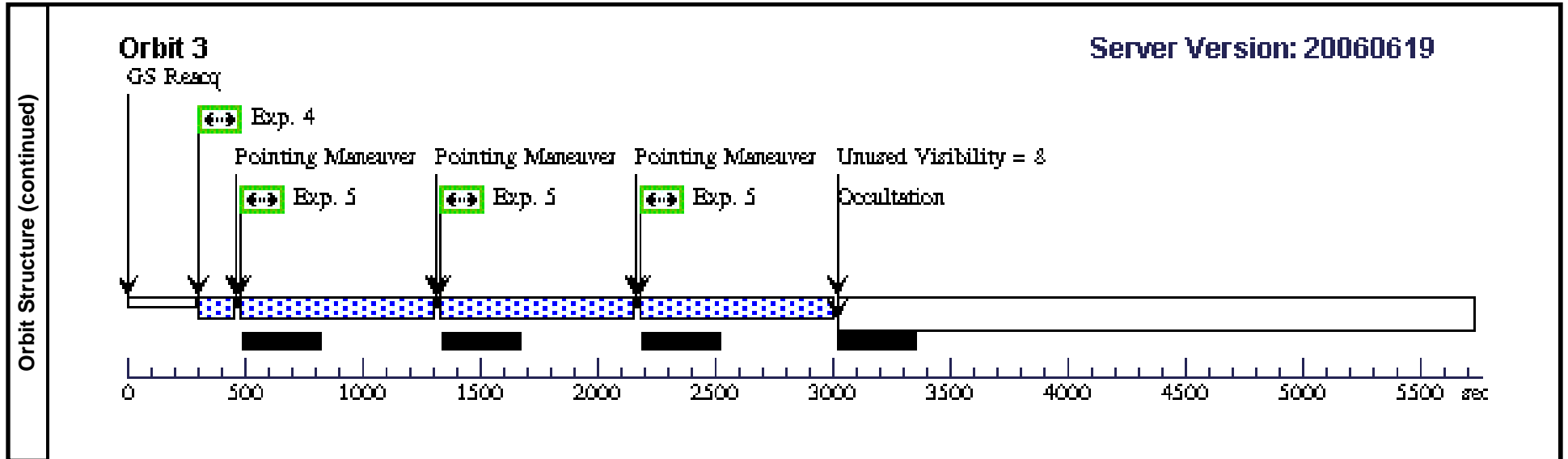


Proposal 10624 - Visit 23 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:19 GMT 2006

Visit	Proposal 10624, Visit 23, completed Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; NUMBER OF GYROS 3; SCHED 100%; AFTER 22 BY 8 D TO 12 D										
	(Visit 23) Warning: GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE										
Diagnosics											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=33 Angle Between Sides= Center Pattern=true				(1), (3), (5)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	GRB050709	RA: 23 01 30.0000 (345.3750000d) Dec: -38 58 33.00 (-38.97583d) Equinox: J2000 Plate Id: (?)				V=24.0+/-2.0		Coordinate Source: IMAGE_TIED_TO_GSC_FRAME		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	GS ACQ SCENARIO BASE13GO	Sequence 1-1 Non-Int Pattern 1-1 (1)	710.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG -0.3306 67,2.55907	Sequence 2-3 Non-Int	29.0 Secs [==>]	[2]	
	3		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG -0.3306 67,2.55907	Sequence 2-3 Non-Int Pattern 3-3 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]	
	4		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-2.55907	Sequence 4-5 Non-Int	25.0 Secs [==>]	[3]	
	5		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-2.55907	Sequence 4-5 Non-Int Pattern 5-5 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]	

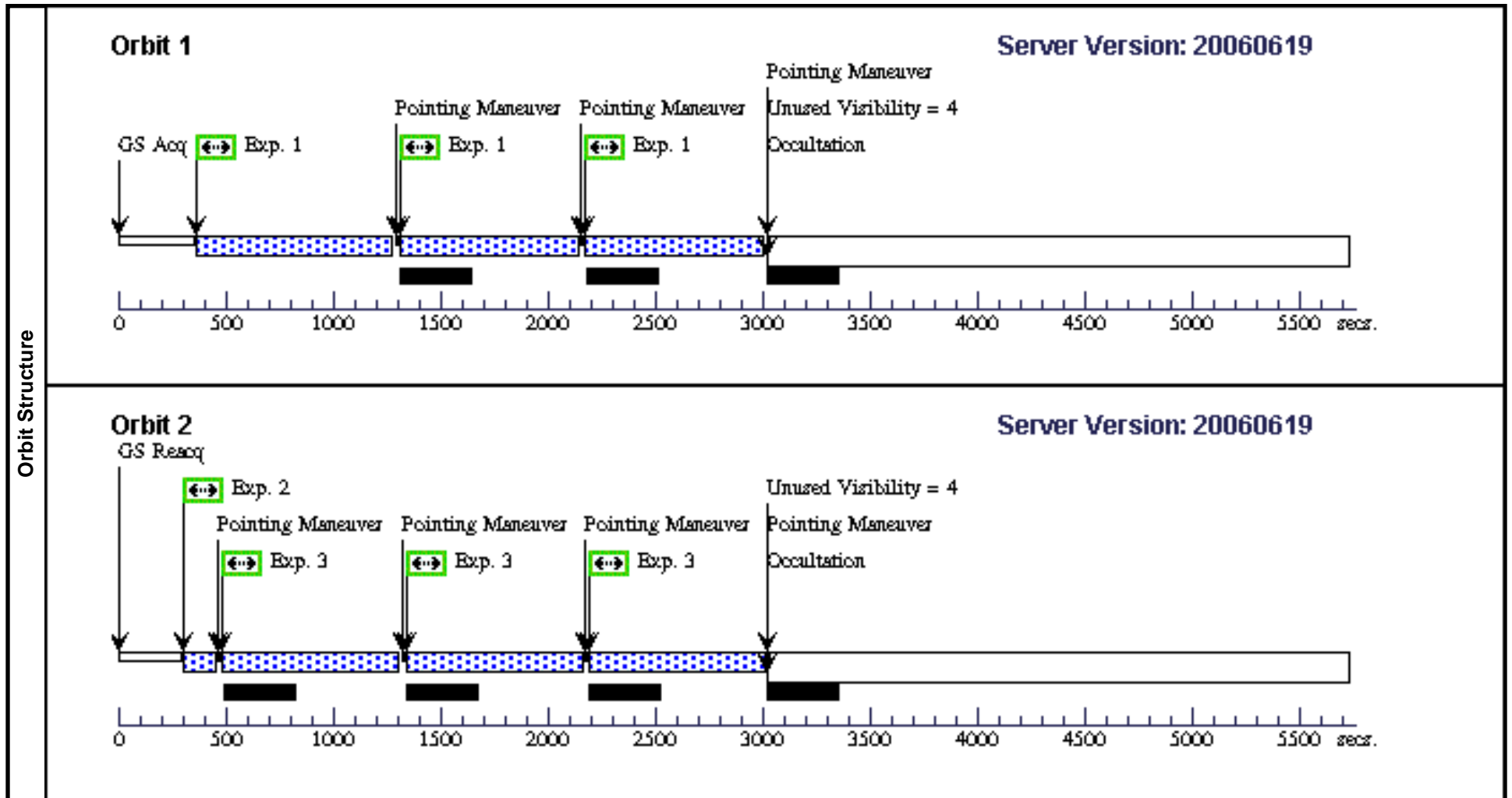


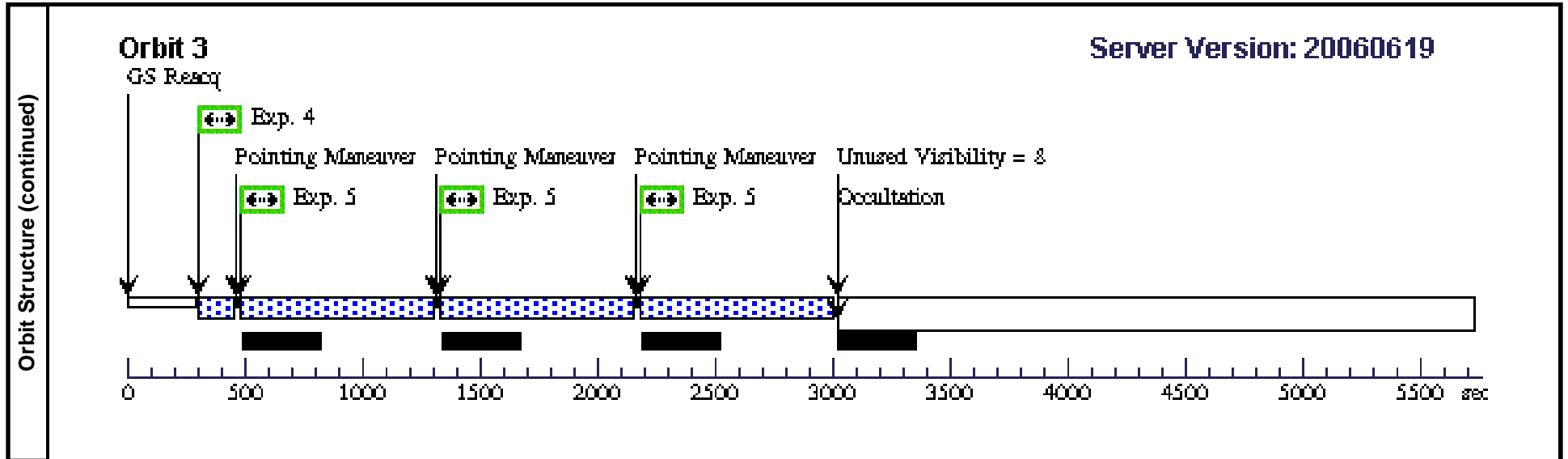


Proposal 10624 - Visit 24 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:20 GMT 2006

Visit	Proposal 10624, Visit 24, completed Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; NUMBER OF GYROS 3; SCHED 100%; AFTER 23 BY 13 D TO 17 D									
	(Visit 24) Warning: GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE									
Diagnosics										
Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=33 Angle Between Sides= Center Pattern=true			(1), (3), (5)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(7)	GRB050709	RA: 23 01 30.0000 (345.3750000d) Dec: -38 58 33.00 (-38.97583d) Equinox: J2000 Plate Id: (?)				V=24.0+/-2.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	GS ACQ SCENARIO BASE13GO	Sequence 1-1 Non-Int Pattern 1-1 (1)	710.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG -0.33067,2.55907	Sequence 2-3 Non-Int	29.0 Secs [==>]	[2]
	3		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG -0.33067,2.55907	Sequence 2-3 Non-Int Pattern 3-3 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]
	4		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG 0.33067,-2.55907	Sequence 4-5 Non-Int	25.0 Secs [==>]	[3]
	5		(7) GRB050709	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG 0.33067,-2.55907	Sequence 4-5 Non-Int Pattern 5-5 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]

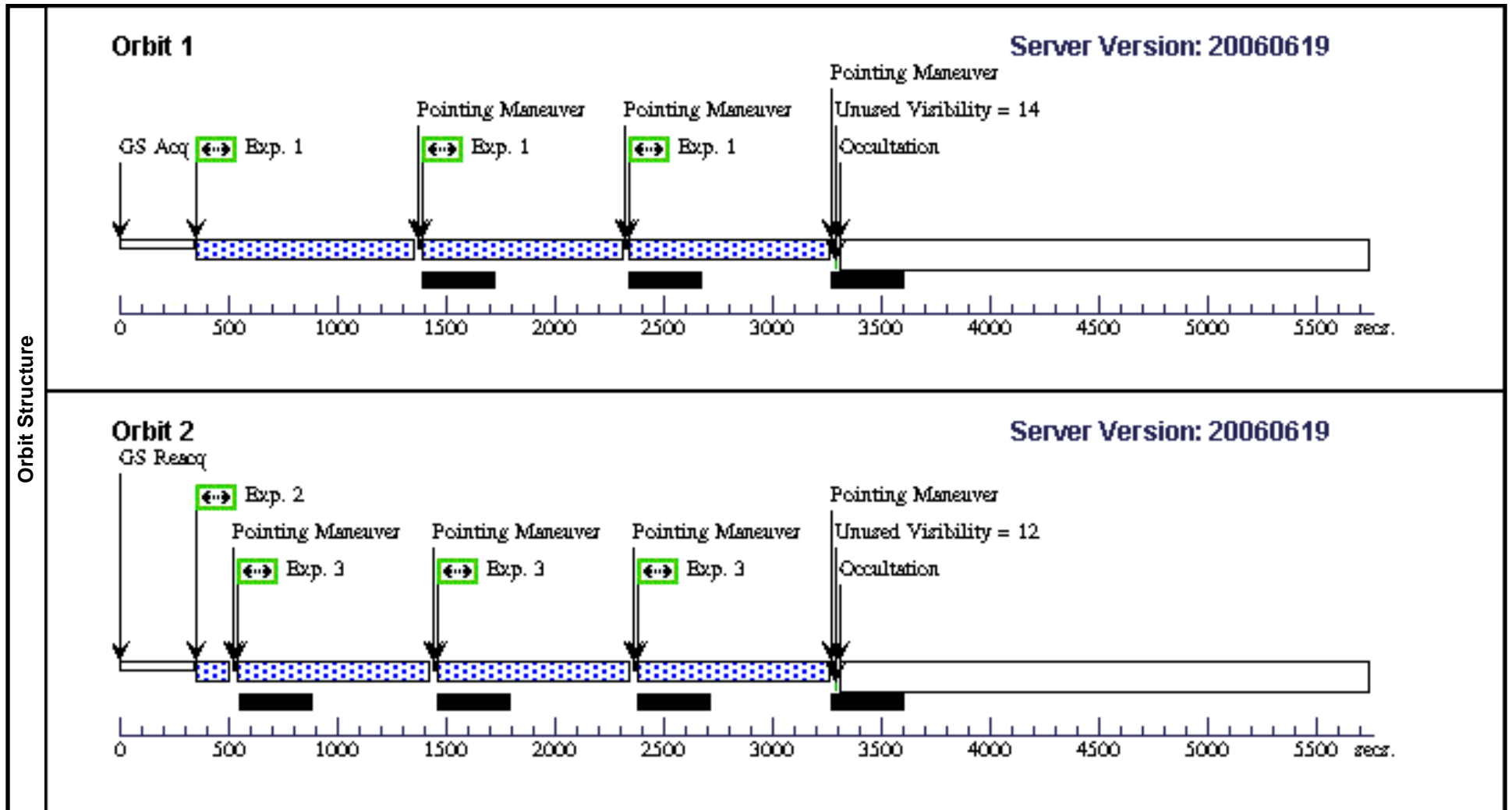


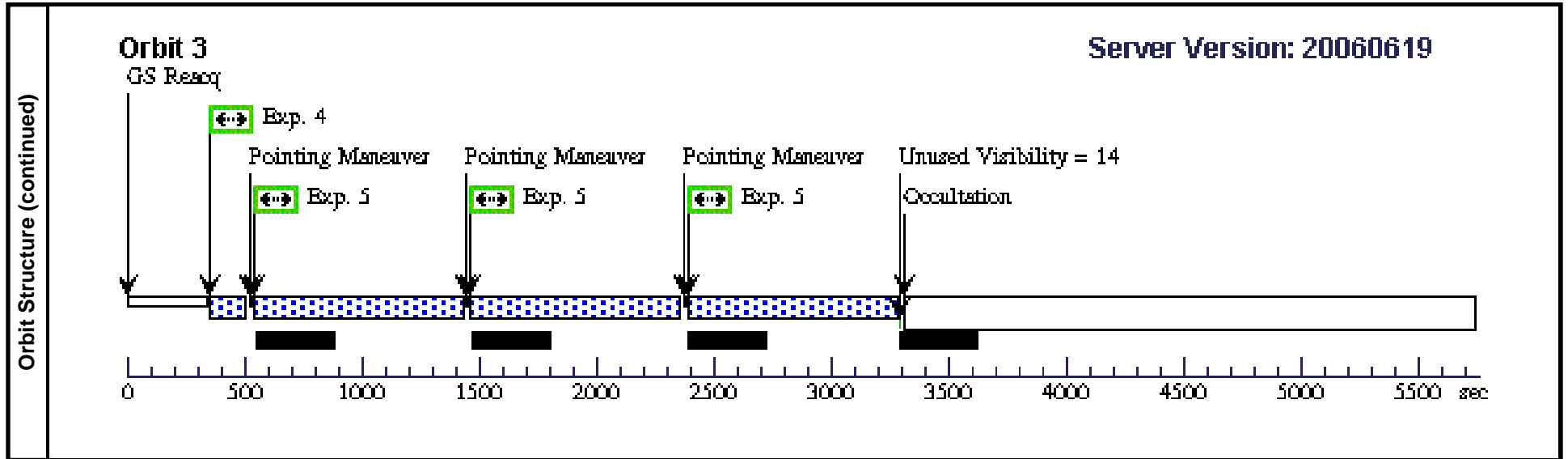


Proposal 10624 - Visit 25 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:21 GMT 2006

Visit	Proposal 10624, Visit 25, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE Comments: Final epoch on 050709 for subtractions									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=33 Angle Between Sides= Center Pattern=true					(1), (3), (5)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	GRB050709	RA: 23 01 30.0000 (345.3750000d) Dec: -38 58 33.00 (-38.97583d) Equinox: J2000 Plate Id: (?)		V=24.0+/-2.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(7) GRB050709	(7) GRB050709	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Sequence 1-1 Non-Int Pattern 1-1 (1)	797.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(7) GRB050709	(7) GRB050709	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.33067,0.173467	Sequence 2-3 Non-Int	29.0 Secs [=>]	[2]
	3	(7) GRB050709	(7) GRB050709	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.33067,0.173467	Sequence 2-3 Non-Int Pattern 3-3 (1)	762.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]
	4	(7) GRB050709	(7) GRB050709	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.33067,-0.173467	Sequence 4-5 Non-Int	29.0 Secs [=>]	[3]
	5	(7) GRB050709	(7) GRB050709	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.33067,-0.173467	Sequence 4-5 Non-Int Pattern 5-5 (1)	768.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[3]

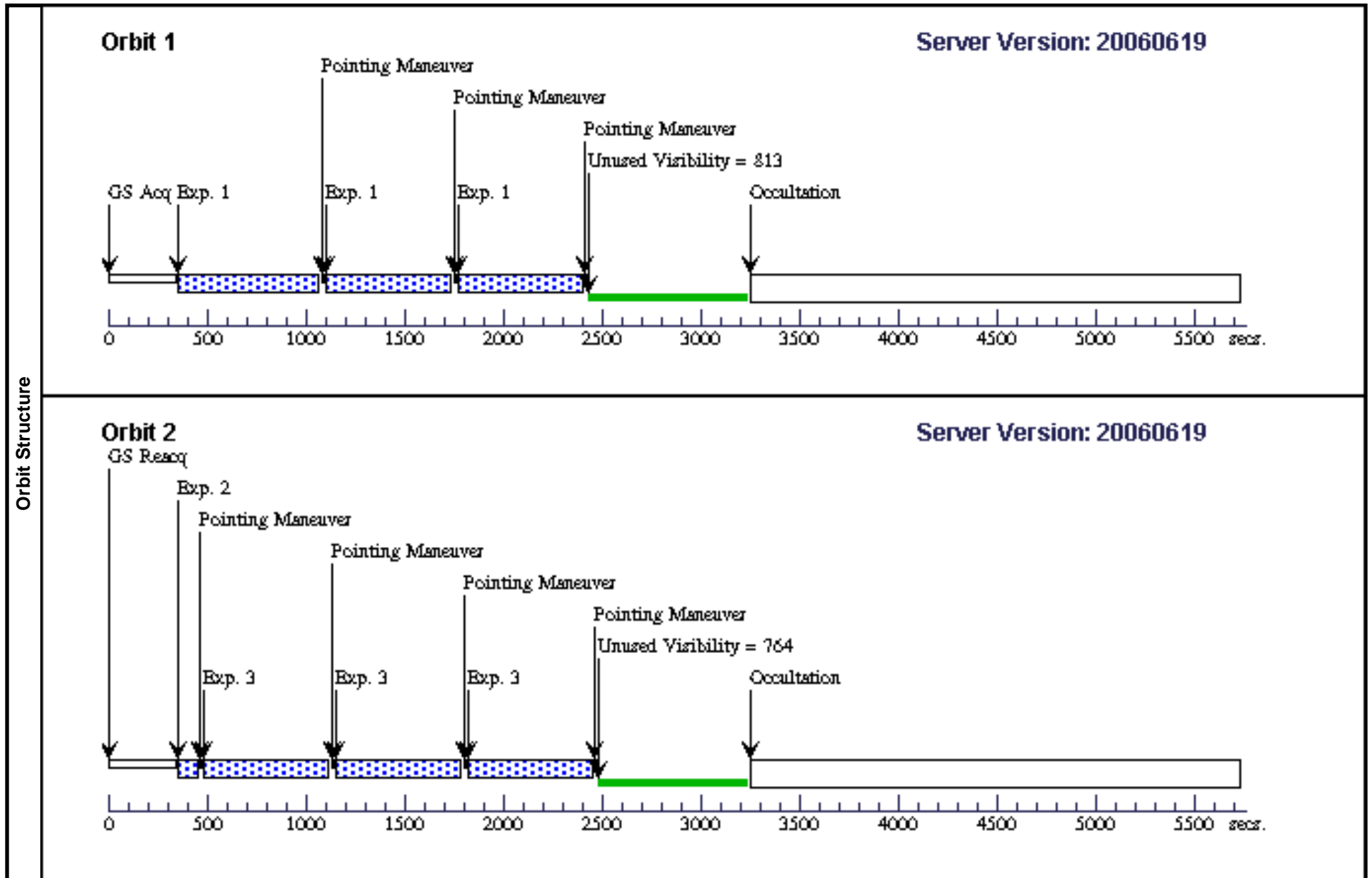


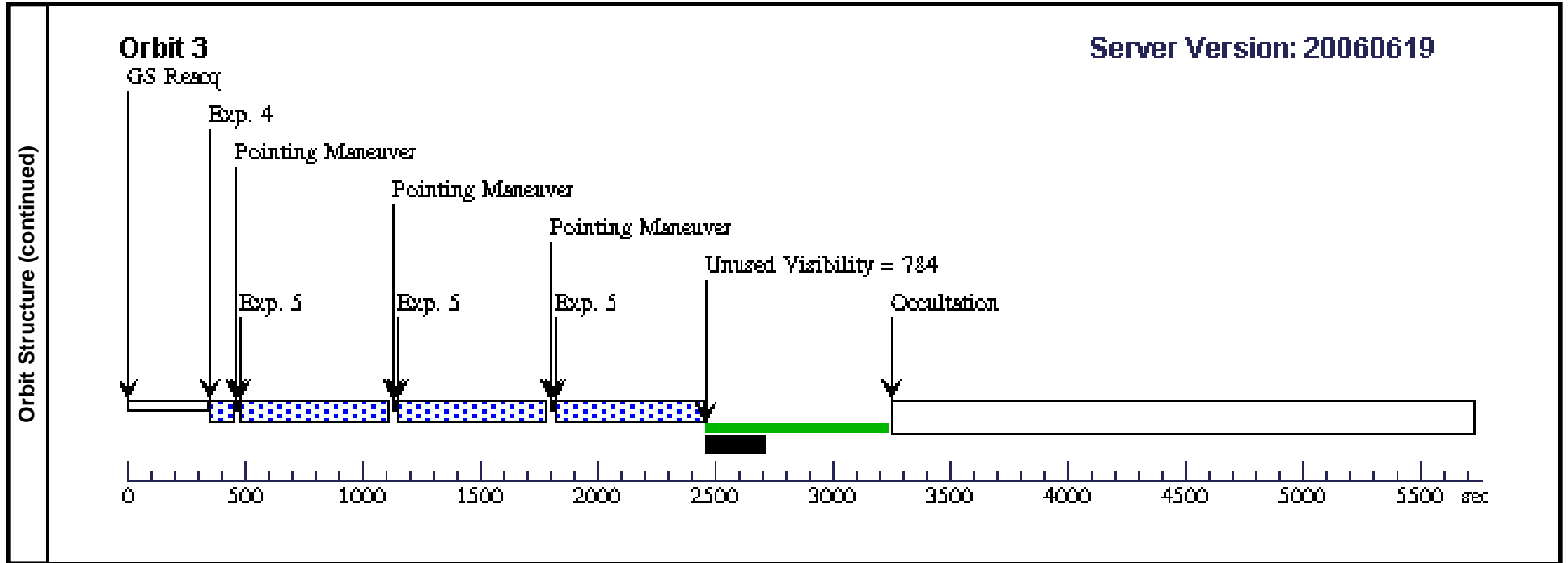


Proposal 10624 - Visit 31 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:22 GMT 2006

Visit	Proposal 10624, Visit 31, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; ON HOLD <i>On Hold Comments: TOO Observation: Astrometry and photometry sequence for short-hard GRB afterglow.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.077 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=31 Angle Between Sides= Center Pattern=true		(1), (3), (5)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	GRB060313	RA: 04 26 28.4290 (66.6184542d) Dec: -10 50 39.91 (-10.84442d) Equinox: J2000 Plate Id: (?)		V=22.0+/-2.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) GRB060313	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Sequence 1-1 Non-Int Pattern 1-1 (2)	600.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(11) GRB060313	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG -0.188667,0.080533	Sequence 2-3 Non-Int	60.0 Secs [==>]	[2]
	3		(11) GRB060313	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG -0.188667,0.080533	Sequence 2-3 Non-Int Pattern 3-3 (2)	600.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]
	4		(11) GRB060313	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG 0.188667,-0.080533	Sequence 4-5 Non-Int	60.0 Secs [==>]	[3]
	5		(11) GRB060313	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG 0.188667,-0.080533	Sequence 4-5 Non-Int Pattern 5-5 (2)	600.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]

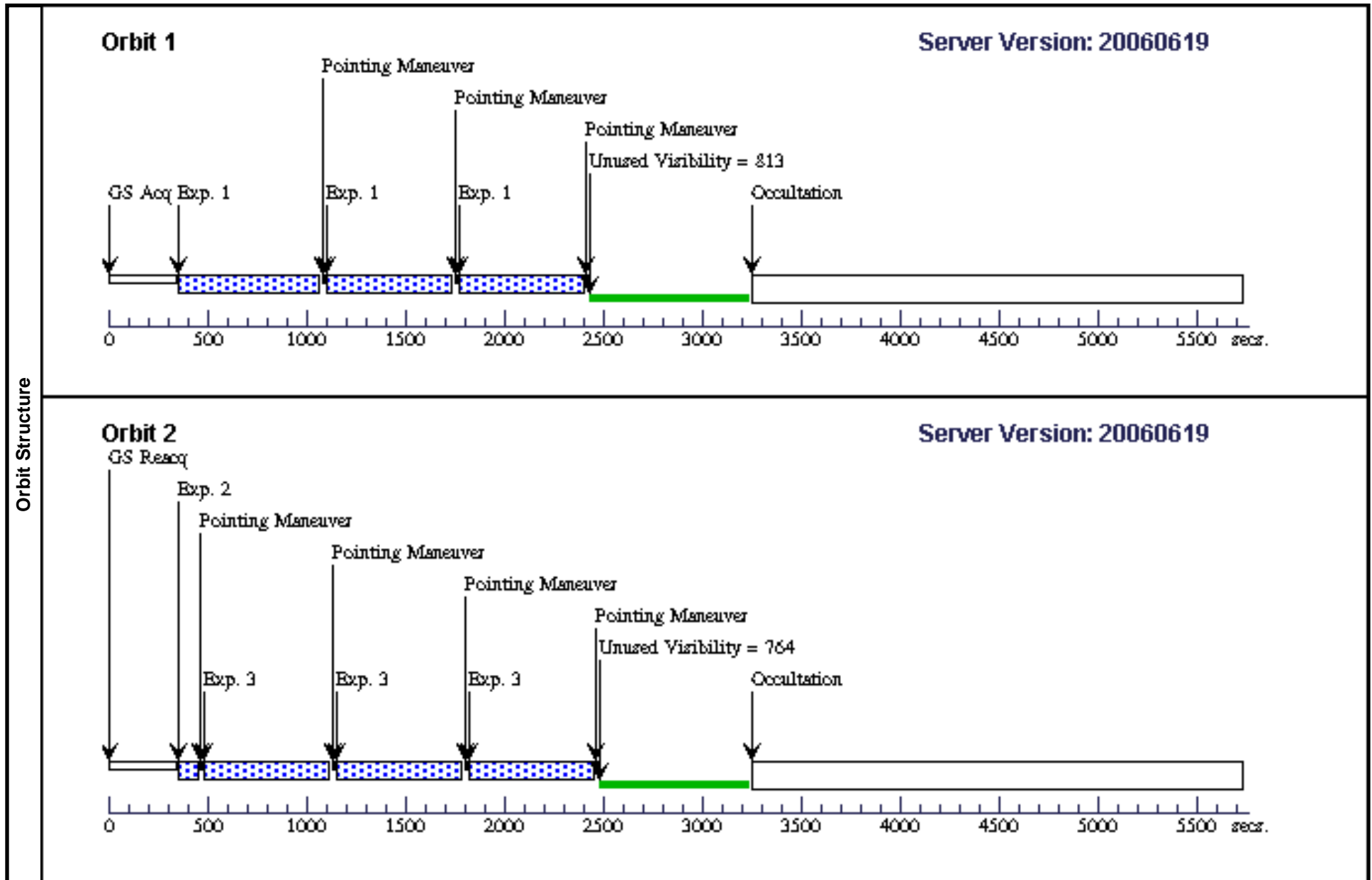


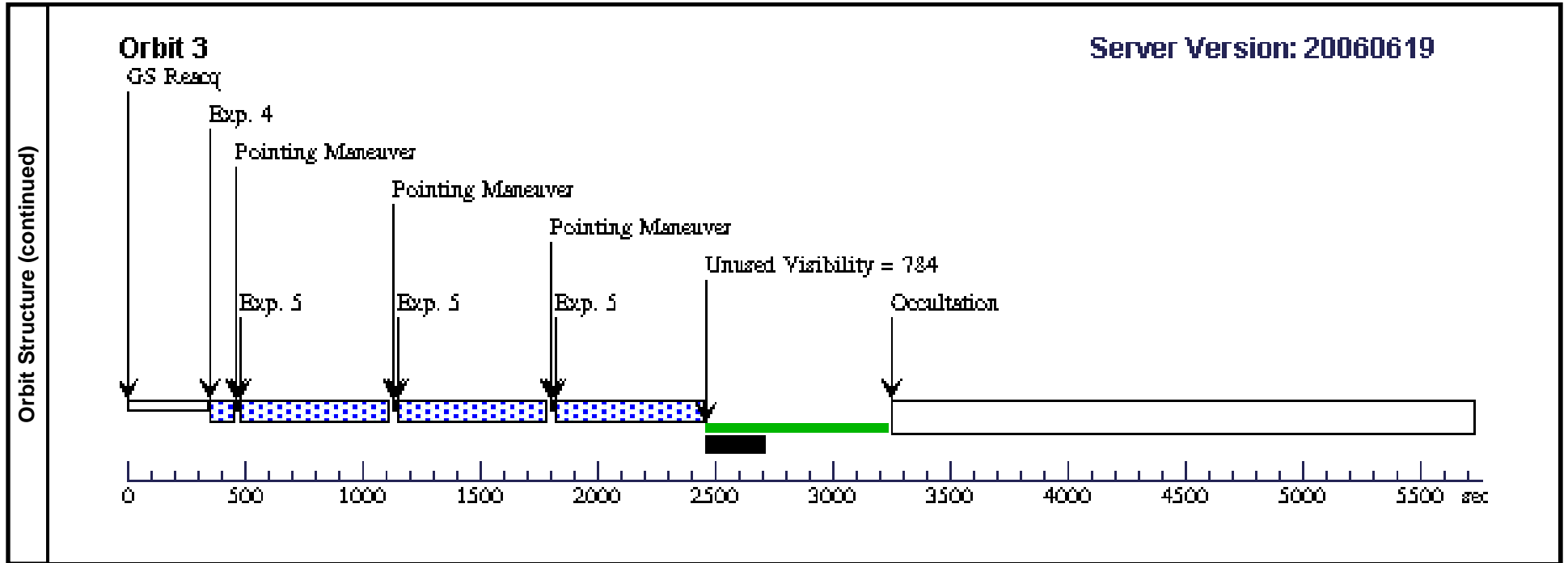


Proposal 10624 - Visit 32 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:23 GMT 2006

Visit	Proposal 10624, Visit 32, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; ON HOLD <i>On Hold Comments: First follow-up observation to the Visit 31 TOO.</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.077 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=31 Angle Between Sides= Center Pattern=true					(1), (3), (5)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	GRB060313	RA: 04 26 28.4290 (66.6184542d) Dec: -10 50 39.91 (-10.84442d) Equinox: J2000 Plate Id: (?)		V=22.0+/-2.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(11) GRB060313	(11) GRB060313	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Sequence 1-1 Non-Int Pattern 1-1 (2)	600.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2	(11) GRB060313	(11) GRB060313	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG -0.188667,0.080533	Sequence 2-3 Non-Int	60.0 Secs [==>]	[2]
	3	(11) GRB060313	(11) GRB060313	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG -0.188667,0.080533	Sequence 2-3 Non-Int Pattern 3-3 (2)	600.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]
	4	(11) GRB060313	(11) GRB060313	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG 0.188667,-0.080533	Sequence 4-5 Non-Int	60.0 Secs [==>]	[3]
	5	(11) GRB060313	(11) GRB060313	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG 0.188667,-0.080533	Sequence 4-5 Non-Int Pattern 5-5 (2)	600.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]

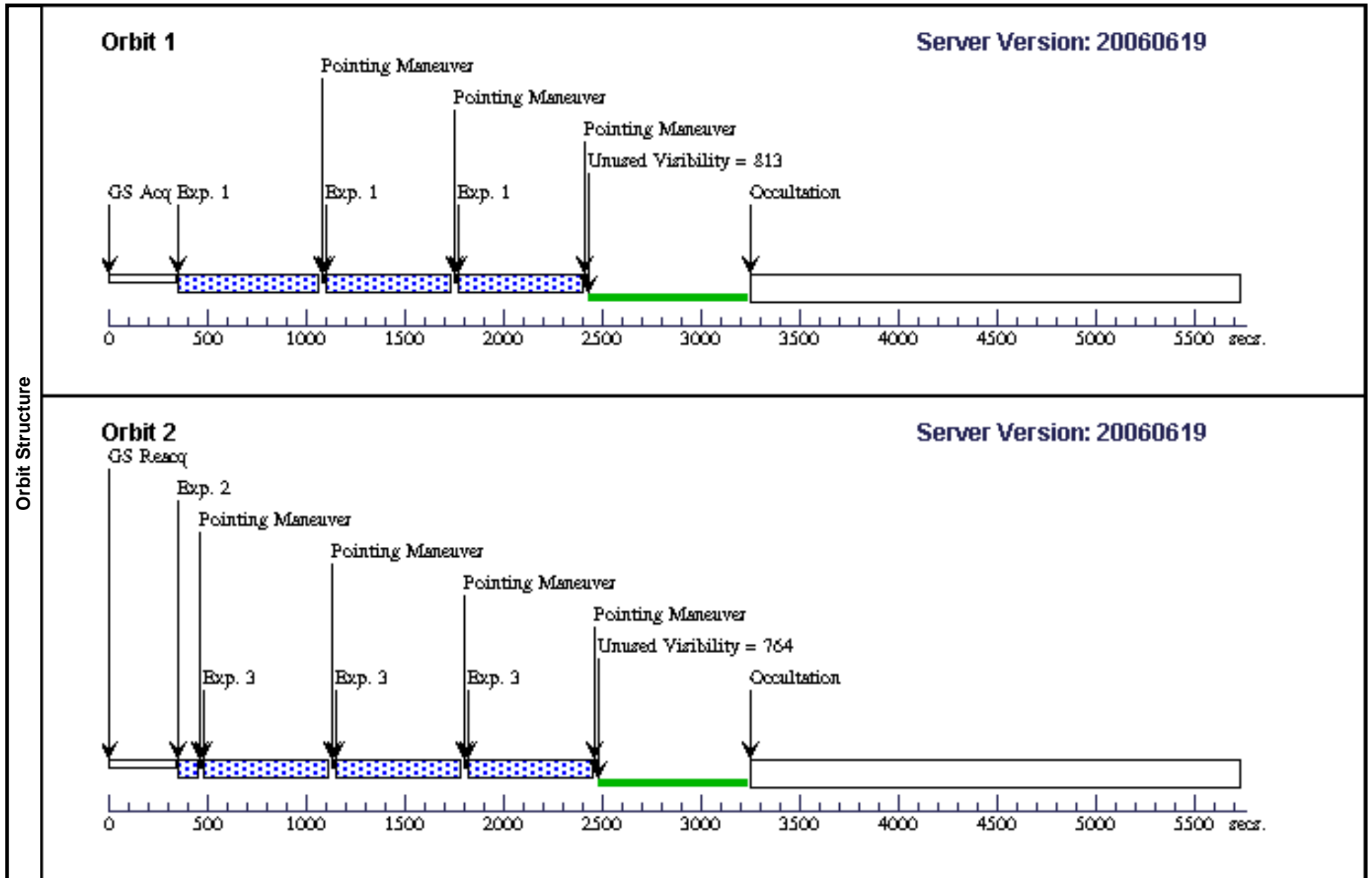


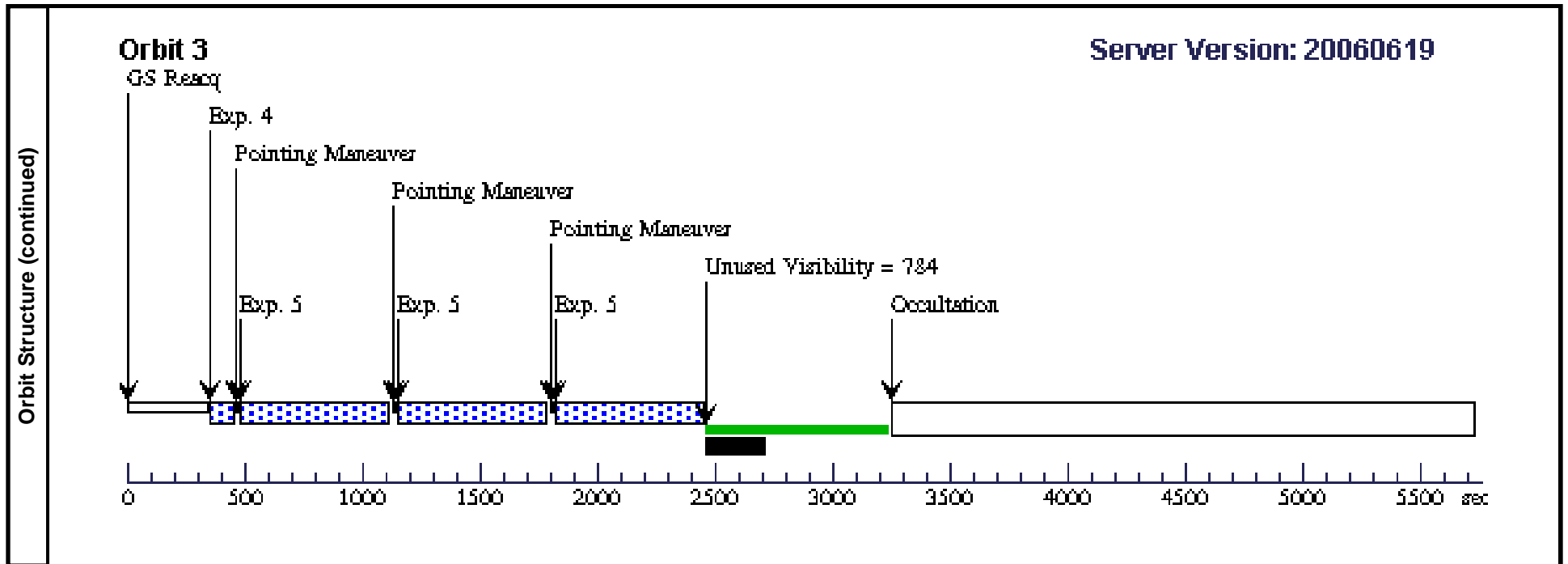


Proposal 10624 - Visit 33 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:24 GMT 2006

Visit	Proposal 10624, Visit 33, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; ON HOLD <i>On Hold Comments: Second follow-up observation to the Visit 31 TOO.</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.077 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=31 Angle Between Sides= Center Pattern=true					(1), (3), (5)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	GRB060313	RA: 04 26 28.4290 (66.6184542d) Dec: -10 50 39.91 (-10.84442d) Equinox: J2000 Plate Id: (?)		V=22.0+/-2.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) GRB060313	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Sequence 1-1 Non-Int Pattern 1-1 (2)	600.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(11) GRB060313	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG -0.188667,0.080533	Sequence 2-3 Non-Int	60.0 Secs [==>]	[2]
	3		(11) GRB060313	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG -0.188667,0.080533	Sequence 2-3 Non-Int Pattern 3-3 (2)	600.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]
	4		(11) GRB060313	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG 0.188667,-0.080533	Sequence 4-5 Non-Int	60.0 Secs [==>]	[3]
	5		(11) GRB060313	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG 0.188667,-0.080533	Sequence 4-5 Non-Int Pattern 5-5 (2)	600.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]





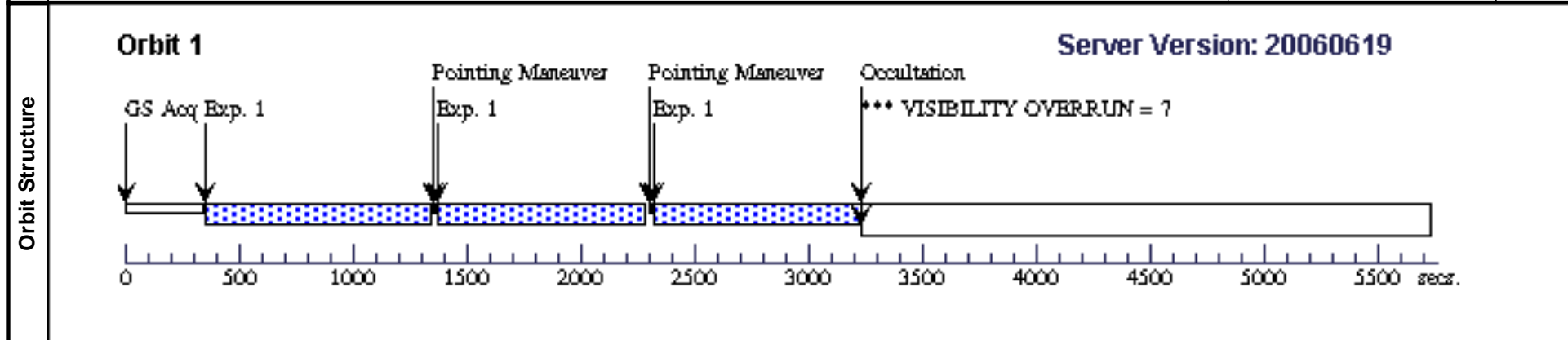
Proposal 10624 - Visit 41 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

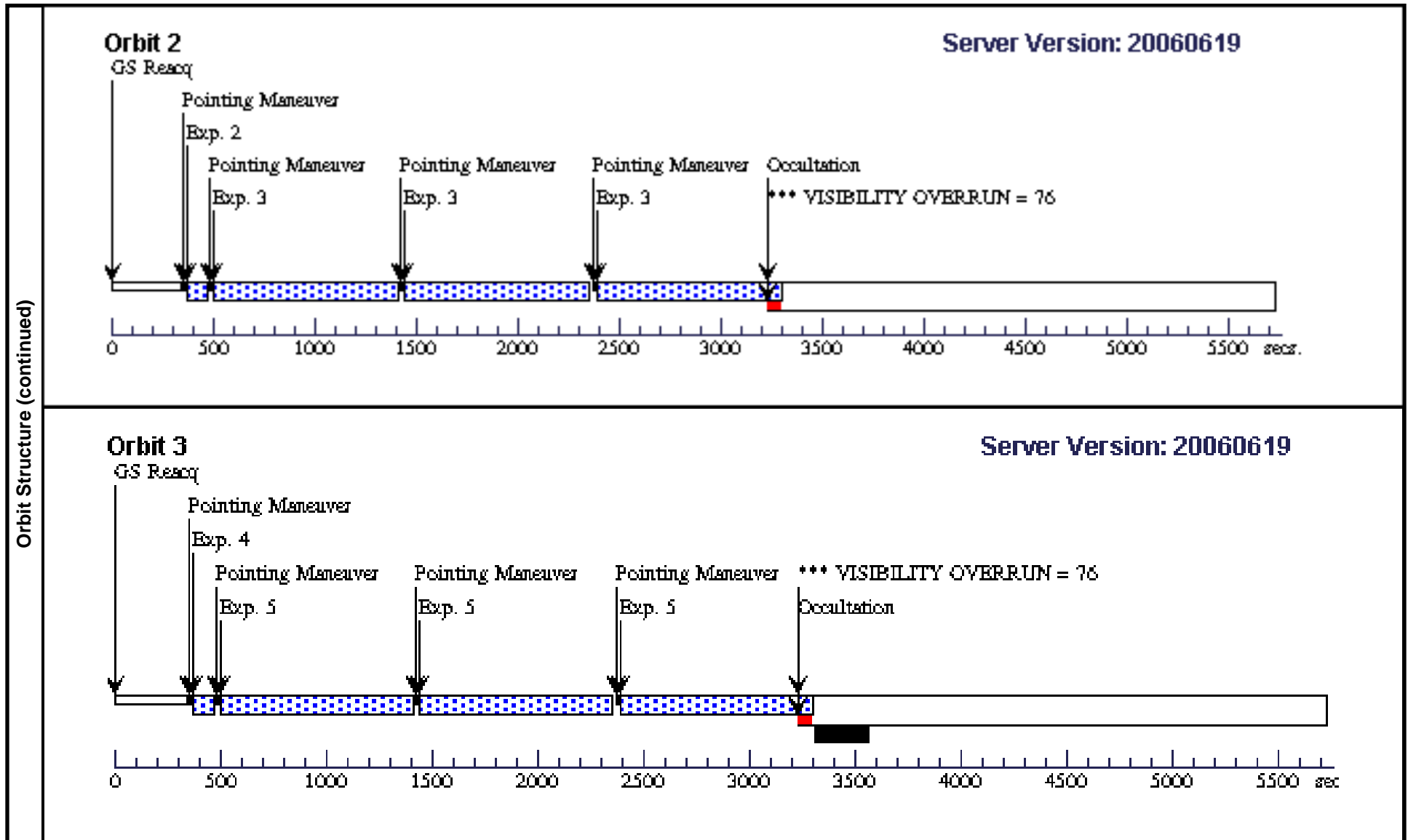
Fri Sep 22 01:34:24 GMT 2006

Visit	Proposal 10624, Visit 41, withdrawn Diagnostic Status: Warning Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; ON HOLD <i>On Hold Comments: TOO Observation: Astrometry and photometry sequence for short-hard GRB afterglow.</i>									
	Diagnostics	(Visit 41) Warning: VISIBILITY OVERRUN (Visit 41) Warning: VISIBILITY OVERRUN (Visit 41) Warning: VISIBILITY OVERRUN								
Patterns		#	Primary Pattern				Secondary Pattern			Exposures
	(2)	Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.077 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=31 Angle Between Sides= Center Pattern=true			(1), (3), (5)	
Generic Targets	#	Name	Criteria		Description					
	(4)	SHORTHARDGRB-AFTERGLOW-2	ON HOLD		GAMMA RAY BURSTER					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) SHORTHARDGRB-AFTERGLOW-2	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Sequence 1-1 Non-Int Pattern 1-1 (2)	875.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2		(4) SHORTHARDGRB-AFTERGLOW-2	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG -0.188667,0.080533	Sequence 2-3 Non-Int	60.0 Secs [=>]	[2]
	3		(4) SHORTHARDGRB-AFTERGLOW-2	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG -0.188667,0.080533	Sequence 2-3 Non-Int Pattern 3-3 (2)	875.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]
	4		(4) SHORTHARDGRB-AFTERGLOW-2	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG 0.188667,-0.080533	Sequence 4-5 Non-Int	60.0 Secs [=>]	[3]

Proposal 10624 - Visit 41 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	5		(4) SHORTHARDG RB-AFTERGLOW- 2	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG 0.18866 7,-0.080533	Sequence 4-5 Non-Int Pattern 5-5 (2)	875.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]





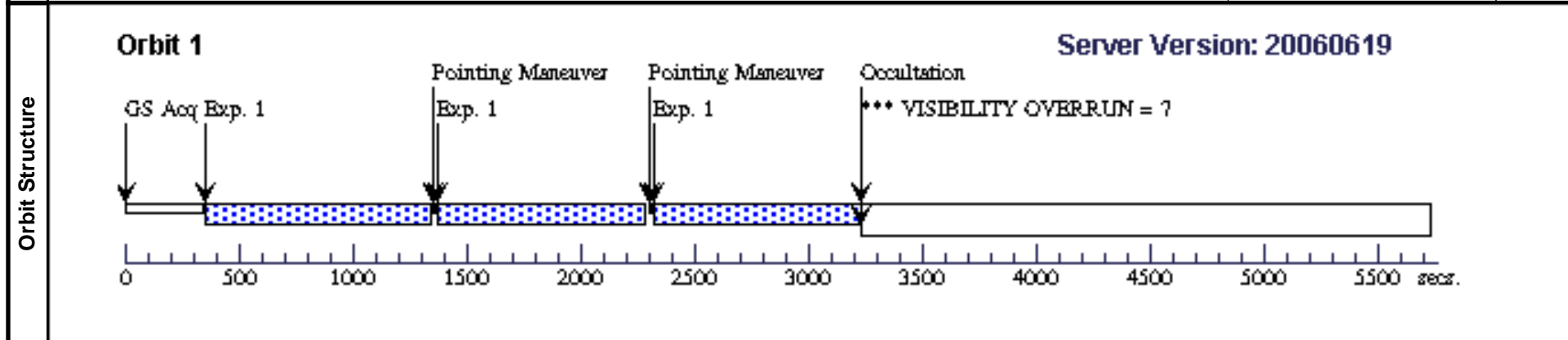
Proposal 10624 - Visit 42 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

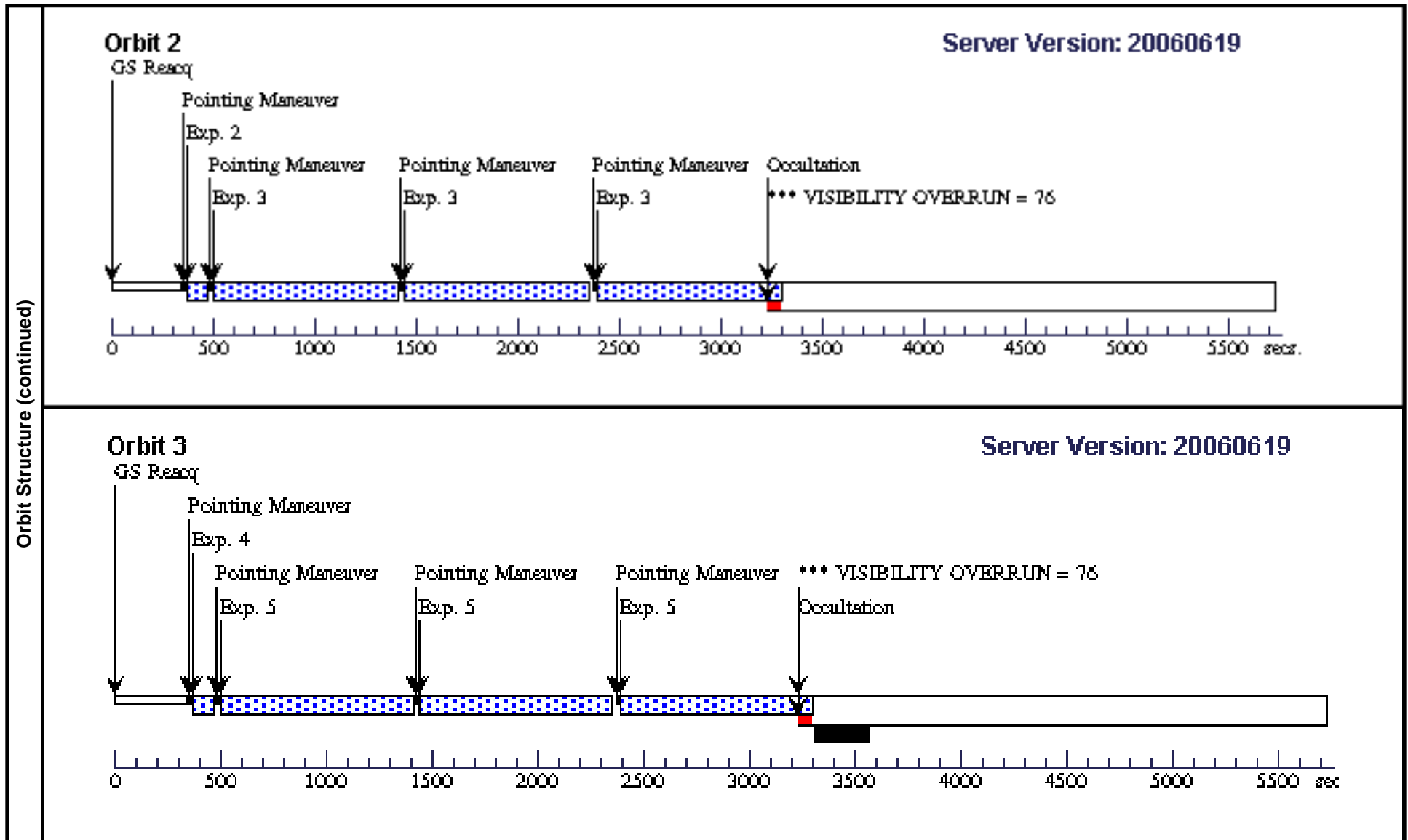
Fri Sep 22 01:34:25 GMT 2006

Visit	Proposal 10624, Visit 42, withdrawn Diagnostic Status: Warning Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SAME ORIENT AS 41; AFTER 41 BY 8 D TO 12 D; ON HOLD <i>On Hold Comments: First follow-up observation to the Visit 41 TOO.</i>									
	Diagnostics	(Visit 42) Warning: VISIBILITY OVERRUN (Visit 42) Warning: VISIBILITY OVERRUN (Visit 42) Warning: VISIBILITY OVERRUN								
Patterns		#	Primary Pattern				Secondary Pattern			Exposures
	(2)	Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.077 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=31 Angle Between Sides= Center Pattern=true			(1), (3), (5)	
Generic Targets	#	Name	Criteria	Description						
	(4)	SHORTHARDGRB-AFTERGLOW-2	ON HOLD	GAMMA RAY BURSTER						
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) SHORTHARDGRB-AFTERGLOW-2	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Sequence 1-1 Non-Int Pattern 1-1 (2)	875.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2		(4) SHORTHARDGRB-AFTERGLOW-2	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG -0.188667,0.080533	Sequence 2-3 Non-Int	60.0 Secs [=>]	[2]
	3		(4) SHORTHARDGRB-AFTERGLOW-2	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG -0.188667,0.080533	Sequence 2-3 Non-Int Pattern 3-3 (2)	875.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]
	4		(4) SHORTHARDGRB-AFTERGLOW-2	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG 0.188667,-0.080533	Sequence 4-5 Non-Int	60.0 Secs [=>]	[3]

Proposal 10624 - Visit 42 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	5		(4) SHORTHARDG RB-AFTERGLOW- 2	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG 0.18866 7,-0.080533	Sequence 4-5 Non-Int Pattern 5-5 (2)	875.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]





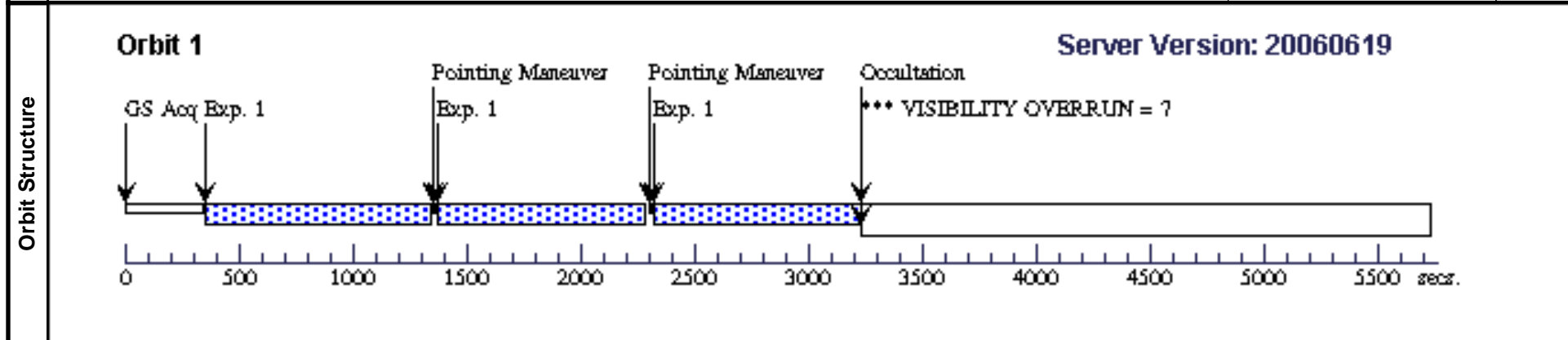
Proposal 10624 - Visit 43 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

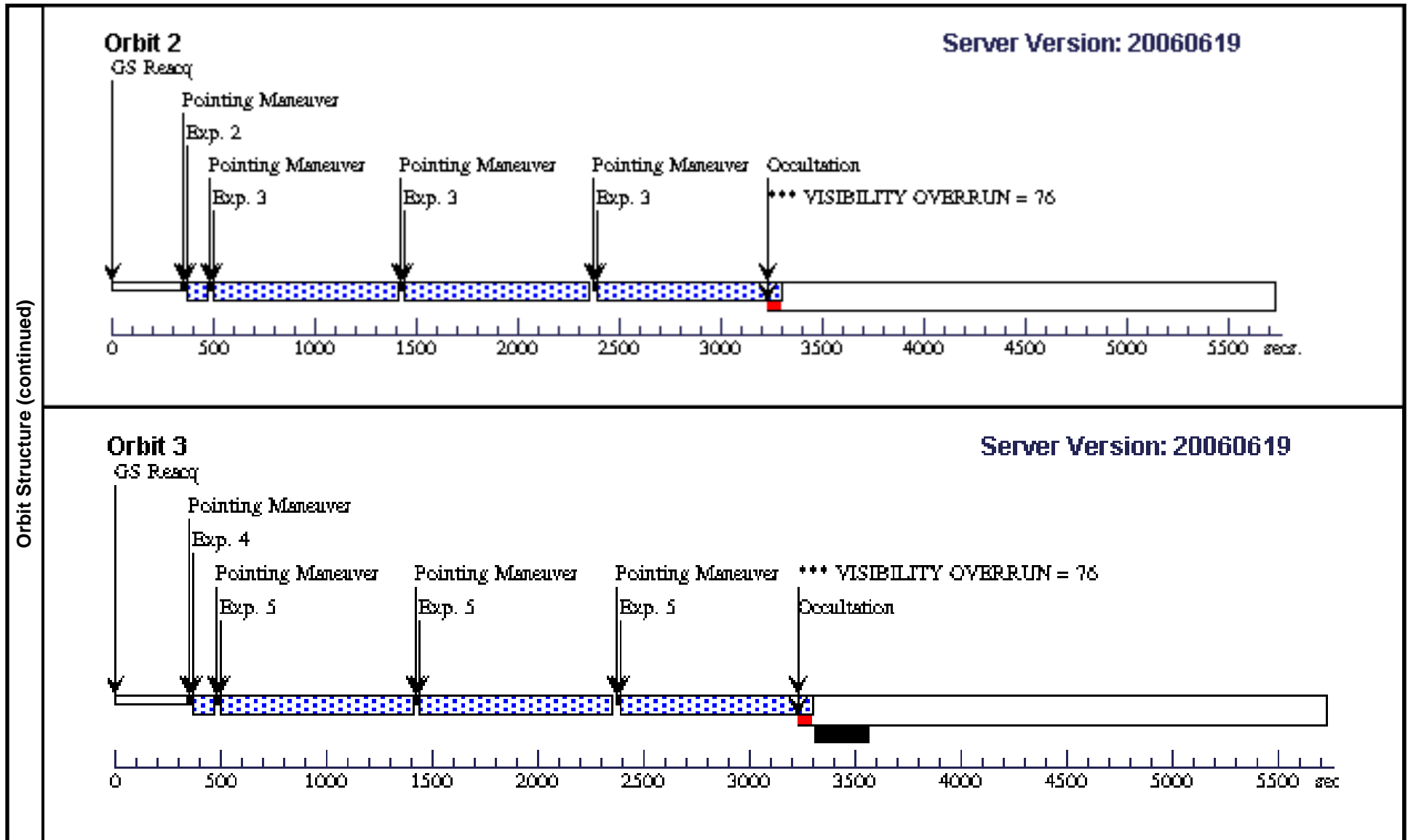
Fri Sep 22 01:34:25 GMT 2006

Visit	Proposal 10624, Visit 43, withdrawn Diagnostic Status: Warning Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SAME ORIENT AS 41; AFTER 41 BY 18 D TO 22 D; ON HOLD <i>On Hold Comments: Second follow-up observation to the Visit 41 TOO.</i>									
	Diagnostics	(Visit 43) Warning: VISIBILITY OVERRUN (Visit 43) Warning: VISIBILITY OVERRUN (Visit 43) Warning: VISIBILITY OVERRUN								
Patterns		#	Primary Pattern				Secondary Pattern			Exposures
	(2)	Pattern Type=ACS-HRC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.077 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=31 Angle Between Sides= Center Pattern=true			(1), (3), (5)	
Generic Targets	#	Name	Criteria	Description						
	(4)	SHORTHARDGRB-AFTERGLOW-2	ON HOLD	GAMMA RAY BURSTER						
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) SHORTHARDGRB-AFTERGLOW-2	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Sequence 1-1 Non-Int Pattern 1-1 (2)	875.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2		(4) SHORTHARDGRB-AFTERGLOW-2	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG -0.188667,0.080533	Sequence 2-3 Non-Int	60.0 Secs [=>]	[2]
	3		(4) SHORTHARDGRB-AFTERGLOW-2	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG -0.188667,0.080533	Sequence 2-3 Non-Int Pattern 3-3 (2)	875.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]
	4		(4) SHORTHARDGRB-AFTERGLOW-2	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG 0.188667,-0.080533	Sequence 4-5 Non-Int	60.0 Secs [=>]	[3]

Proposal 10624 - Visit 43 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	5		(4) SHORTHARDG RB-AFTERGLOW- 2	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO	POS TARG 0.18866 7,-0.080533	Sequence 4-5 Non-Int Pattern 5-5 (2)	875.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]

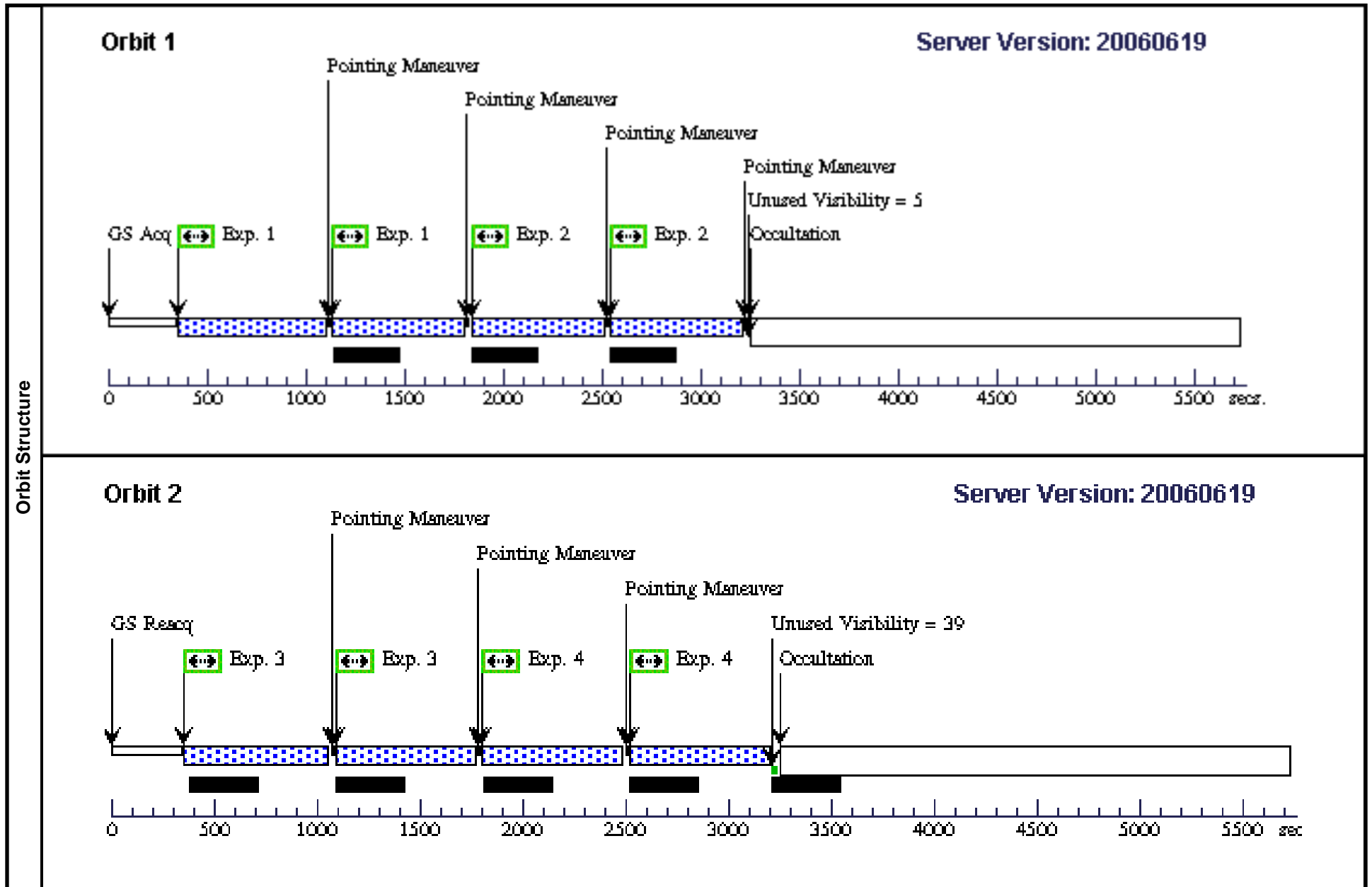




Proposal 10624 - Visit 52 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:27 GMT 2006

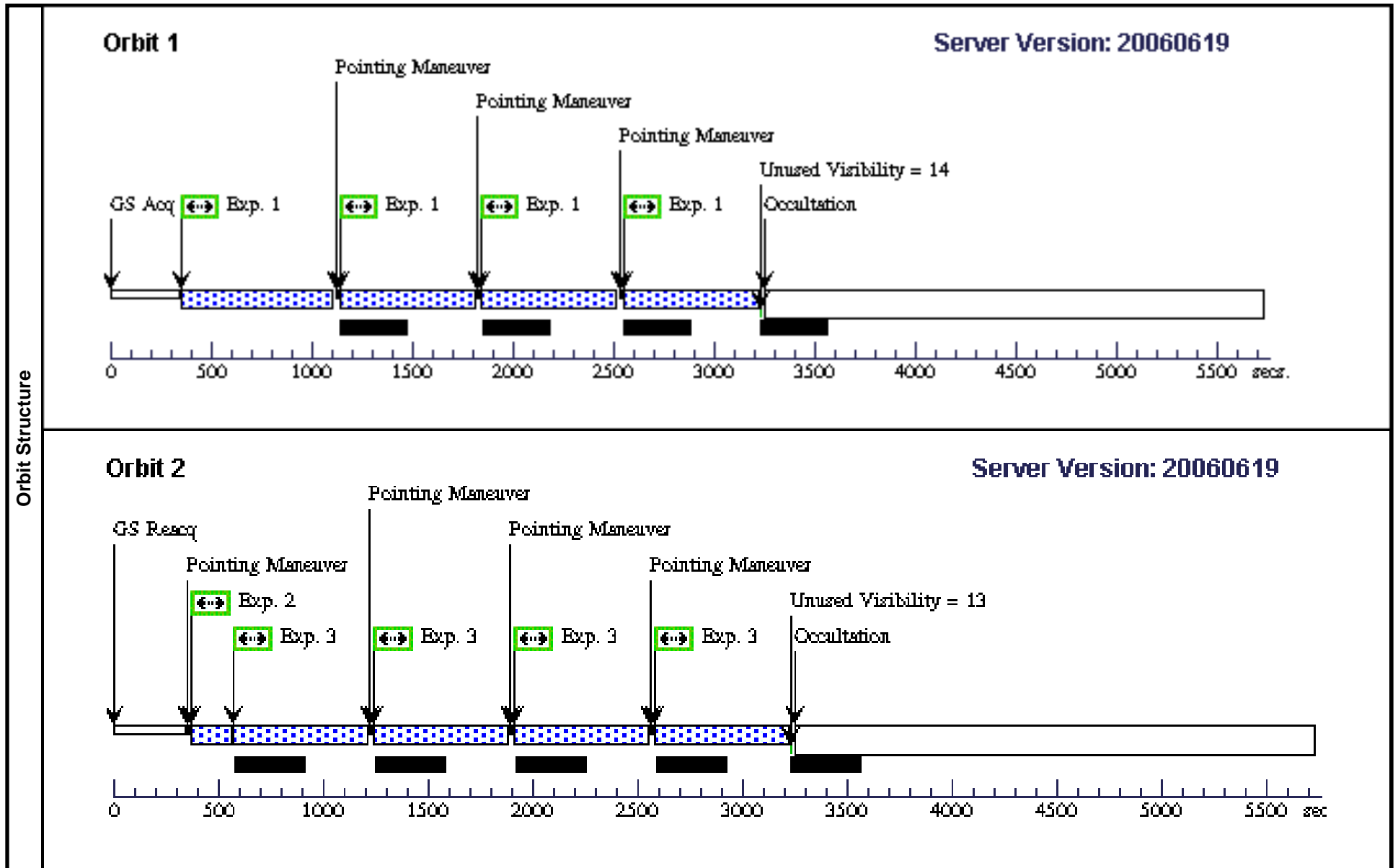
Visit	Proposal 10624, Visit 52, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SEQ 52,53 WITHIN 10 D Comments: <i>i/z band imaging for GRB050813</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(5)		Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.182 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.2 Angle Between Sides= Center Pattern=true					(1), (2), (3), (4)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(10)	GRB050813	RA: 16 07 56.8000 (241.9866667d) Dec: +11 14 55.00 (11.24861d) Equinox: J2000 Plate Id: (?)			V=25.0+/-2.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1	(10) GRB050813	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=NO		Pattern 1-1 (5)	545.0 Secs	
									[==>(Pattern 1)]	[1]
									[==>(Pattern 2)]	
	2	2	(10) GRB050813	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=NO	POS TARG 0.2232,2 .6015	Pattern 2-2 (5)	544.0 Secs	
								[==>(Pattern 1)]	[1]	
								[==>(Pattern 2)]		
3	3	(10) GRB050813	ACS/WFC, ACCUM, WFC	F850LP	CR-SPLIT=NO		Pattern 3-3 (5)	556.0 Secs		
								[==>(Pattern 1)]	[2]	
								[==>(Pattern 2)]		
4	4	(10) GRB050813	ACS/WFC, ACCUM, WFC	F850LP	CR-SPLIT=NO	POS TARG 0.2232,2 .6015	Pattern 4-4 (5)	556.0 Secs		
								[==>(Pattern 1)]	[2]	
								[==>(Pattern 2)]		



Proposal 10624 - Visit 53 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:28 GMT 2006

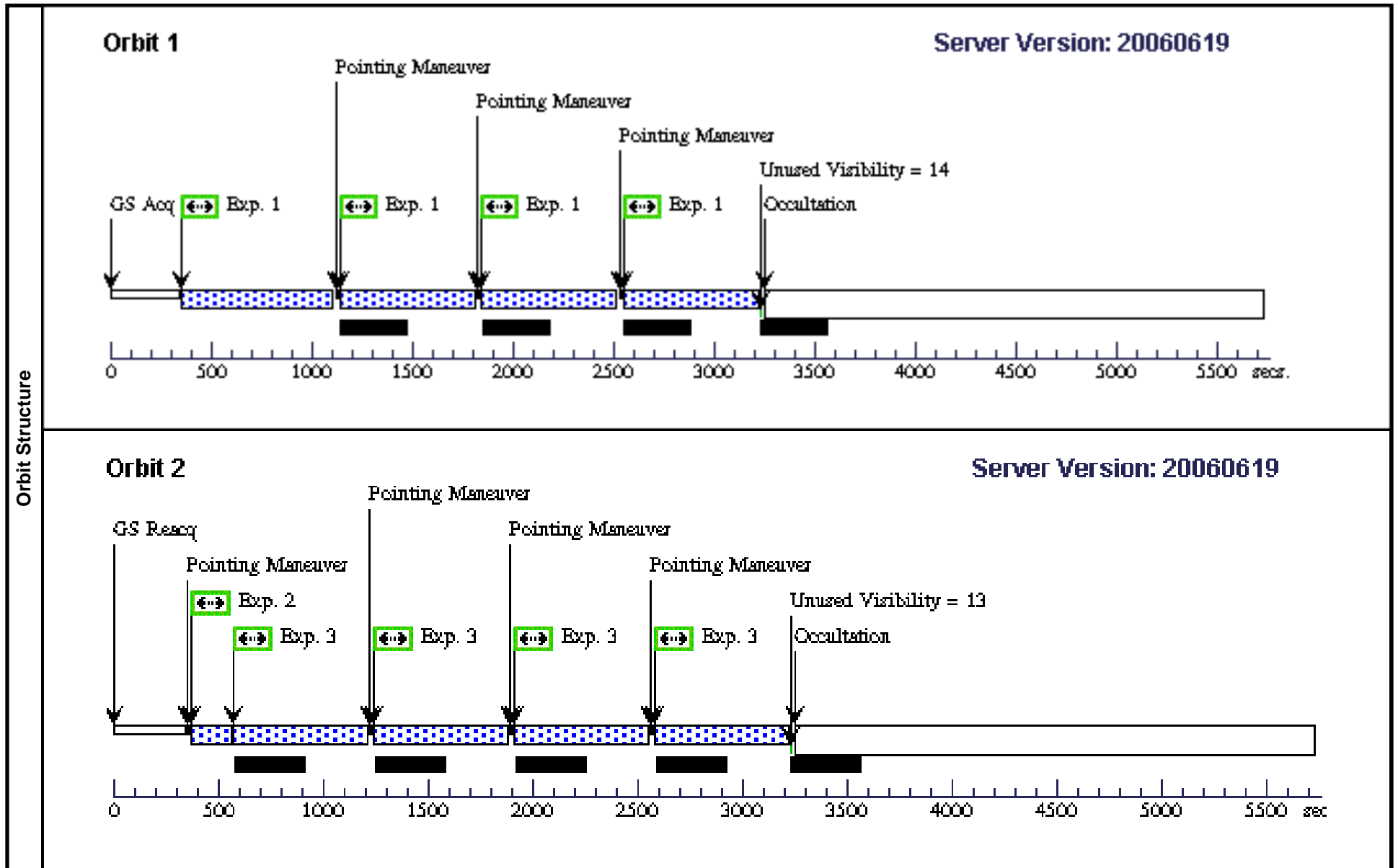
Visit	Proposal 10624, Visit 53, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE <i>Comments: This is for 2 orbits r-band imaging of GRB050813</i>									
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(3)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.164 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.2 Angle Between Sides= Center Pattern=false		(1)					
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.304 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=137.2 Angle Between Sides= Center Pattern=false	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.164 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.2 Angle Between Sides= Center Pattern=false	(3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	GRB050813	RA: 16 07 56.8000 (241.9866667d) Dec: +11 14 55.00 (11.24861d) Equinox: J2000 Plate Id: (?)		V=25.0+/-2.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(10) GRB050813	(10) GRB050813	ACS/WFC, ACCUM, WFC	F625W	CR-SPLIT=NO		Sequence 1-1 Non-Int Pattern 1-1 (3)	549.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2	(10) GRB050813	(10) GRB050813	ACS/WFC, ACCUM, WFC	F625W	CR-SPLIT=NO	POS TARG 0.279,2.61199	Sequence 2-3 Non-Int	60.0 Secs [=>]	[2]
	3	(10) GRB050813	(10) GRB050813	ACS/WFC, ACCUM, WFC	F625W	CR-SPLIT=NO	POS TARG 0.279,2.61199	Sequence 2-3 Non-Int Pattern 3-3 (4)	514.0 Secs [=>(Pattern 1,1)] [=>(Pattern 1,2)] [=>(Pattern 2,1)] [=>(Pattern 2,2)]	[2]



Proposal 10624 - Visit 54 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:28 GMT 2006

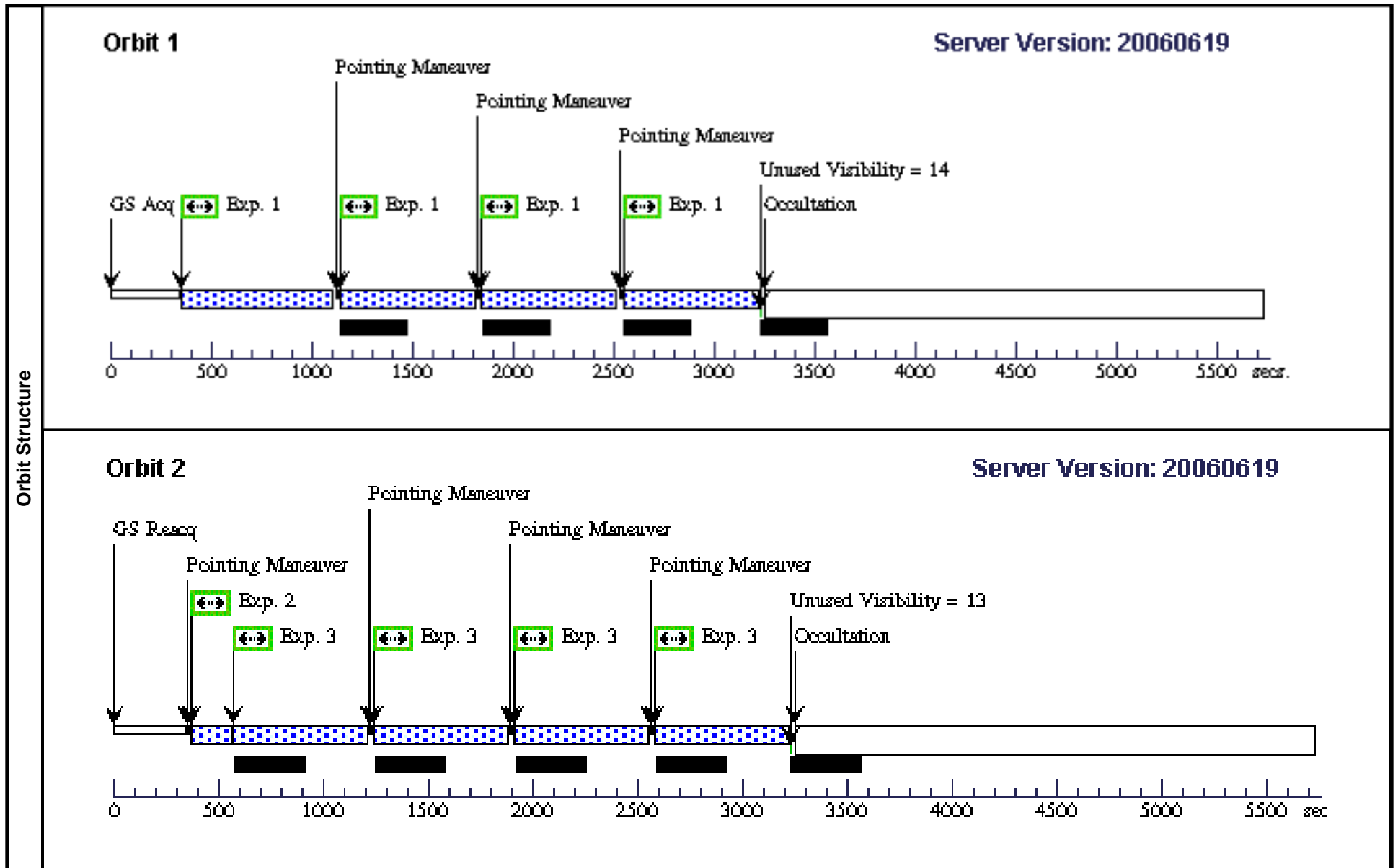
Visit	Proposal 10624, Visit 54, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SEQ 54,55,56 WITHIN 12 D <i>Comments: 2 orbits r-band for 050813</i>									
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(3)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.164 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.2 Angle Between Sides= Center Pattern=false		(1)					
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.304 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=137.2 Angle Between Sides= Center Pattern=false	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.164 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.2 Angle Between Sides= Center Pattern=false	(3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	GRB050813	RA: 16 07 56.8000 (241.9866667d) Dec: +11 14 55.00 (11.24861d) Equinox: J2000 Plate Id: (?)		V=25.0+/-2.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(10) GRB050813	(10) GRB050813	ACS/WFC, ACCUM, WFC	F625W	CR-SPLIT=NO		Sequence 1-1 Non-Int Pattern 1-1 (3)	549.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2	(10) GRB050813	(10) GRB050813	ACS/WFC, ACCUM, WFC	F625W	CR-SPLIT=NO	POS TARG 0.279,2.61199	Sequence 2-3 Non-Int	60.0 Secs [=>]	[2]
	3	(10) GRB050813	(10) GRB050813	ACS/WFC, ACCUM, WFC	F625W	CR-SPLIT=NO	POS TARG 0.279,2.61199	Sequence 2-3 Non-Int Pattern 3-3 (4)	514.0 Secs [=>(Pattern 1,1)] [=>(Pattern 1,2)] [=>(Pattern 2,1)] [=>(Pattern 2,2)]	[2]



Proposal 10624 - Visit 55 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:29 GMT 2006

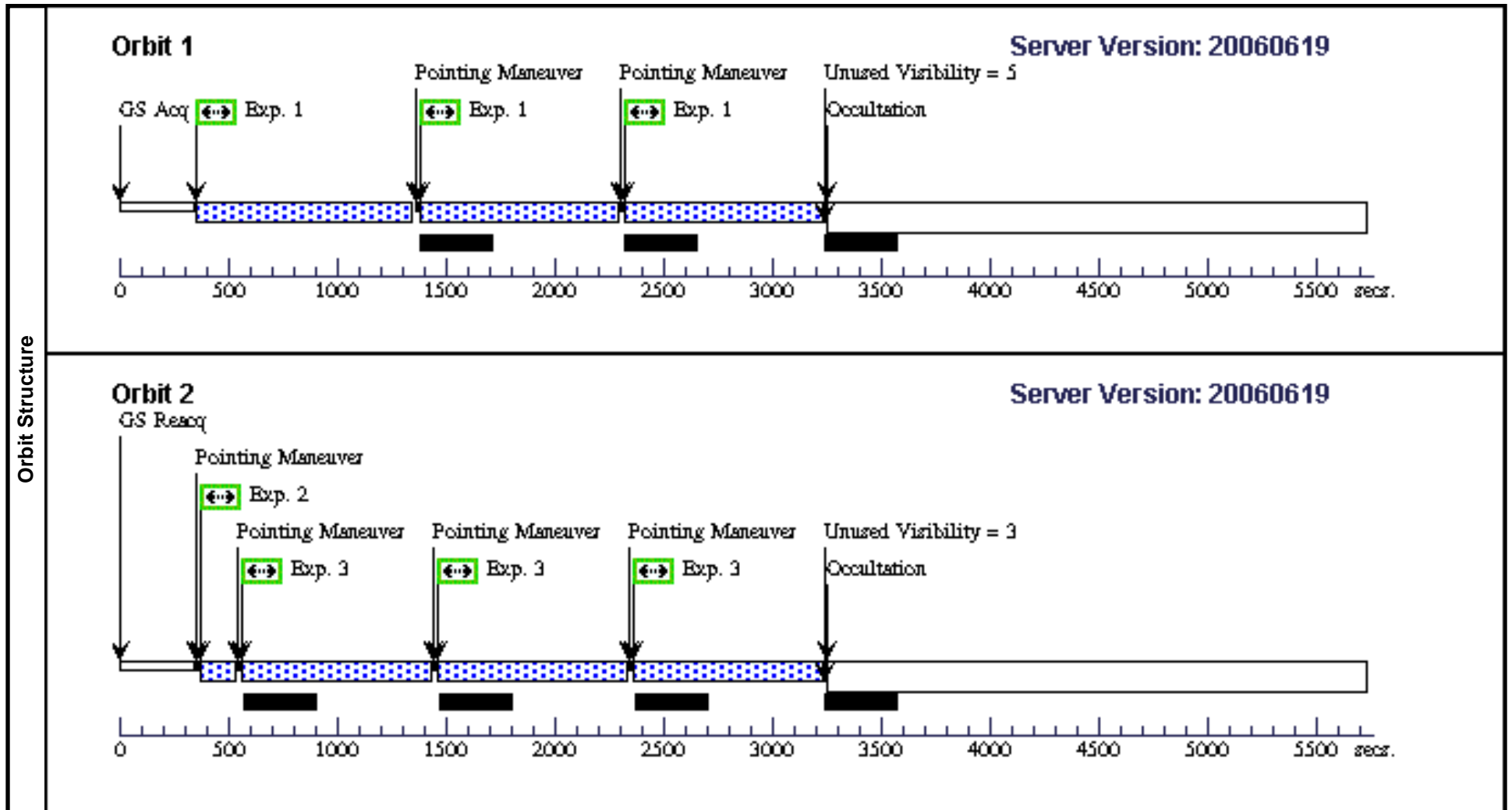
Visit	Proposal 10624, Visit 55, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE <i>Comments: 2 orbits i-band for 050813</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(3)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.164 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.2 Angle Between Sides= Center Pattern=false		(1)					
	(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.304 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=137.2 Angle Between Sides= Center Pattern=false	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.164 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.2 Angle Between Sides= Center Pattern=false	(3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	GRB050813	RA: 16 07 56.8000 (241.9866667d) Dec: +11 14 55.00 (11.24861d) Equinox: J2000 Plate Id: (?)		V=25.0+/-2.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(10) GRB050813	(10) GRB050813	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=NO		Sequence 1-1 Non-Int Pattern 1-1 (3)	549.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2	(10) GRB050813	(10) GRB050813	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=NO	POS TARG 0.279,2.61199	Sequence 2-3 Non-Int	60.0 Secs [=>]	[2]
	3	(10) GRB050813	(10) GRB050813	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=NO	POS TARG 0.279,2.61199	Sequence 2-3 Non-Int Pattern 3-3 (4)	514.0 Secs [=>(Pattern 1,1)] [=>(Pattern 1,2)] [=>(Pattern 2,1)] [=>(Pattern 2,2)]	[2]

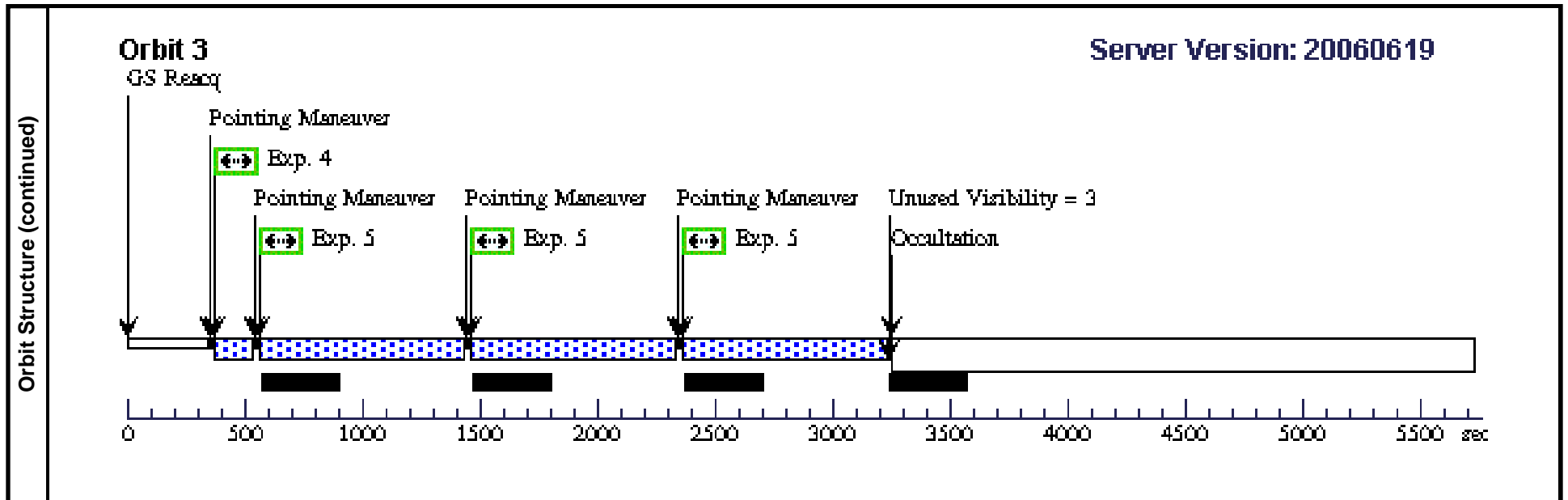


Proposal 10624 - Visit 56 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:29 GMT 2006

Visit	Proposal 10624, Visit 56, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE <i>Comments: 3 orbits z-band for 050813</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=33 Angle Between Sides= Center Pattern=true		(1), (3), (5)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	GRB050813	RA: 16 07 56.8000 (241.9866667d) Dec: +11 14 55.00 (11.24861d) Equinox: J2000 Plate Id: (?)		V=25.0+/-2.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(10) GRB050813	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO			Sequence 1-1 Non-Int Pattern 1-1 (1)	787.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2	(10) GRB050813	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO	POS TARG -0.33067,0.173467		Sequence 2-3 Non-Int	30.0 Secs [==>]	[2]
	3	(10) GRB050813	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO	POS TARG -0.33067,0.173467		Sequence 2-3 Non-Int Pattern 3-3 (1)	745.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]
	4	(10) GRB050813	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO	POS TARG 0.33067,-0.173467		Sequence 4-5 Non-Int	30.0 Secs [==>]	[3]
	5	(10) GRB050813	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO	POS TARG 0.33067,-0.173467		Sequence 4-5 Non-Int Pattern 5-5 (1)	745.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]

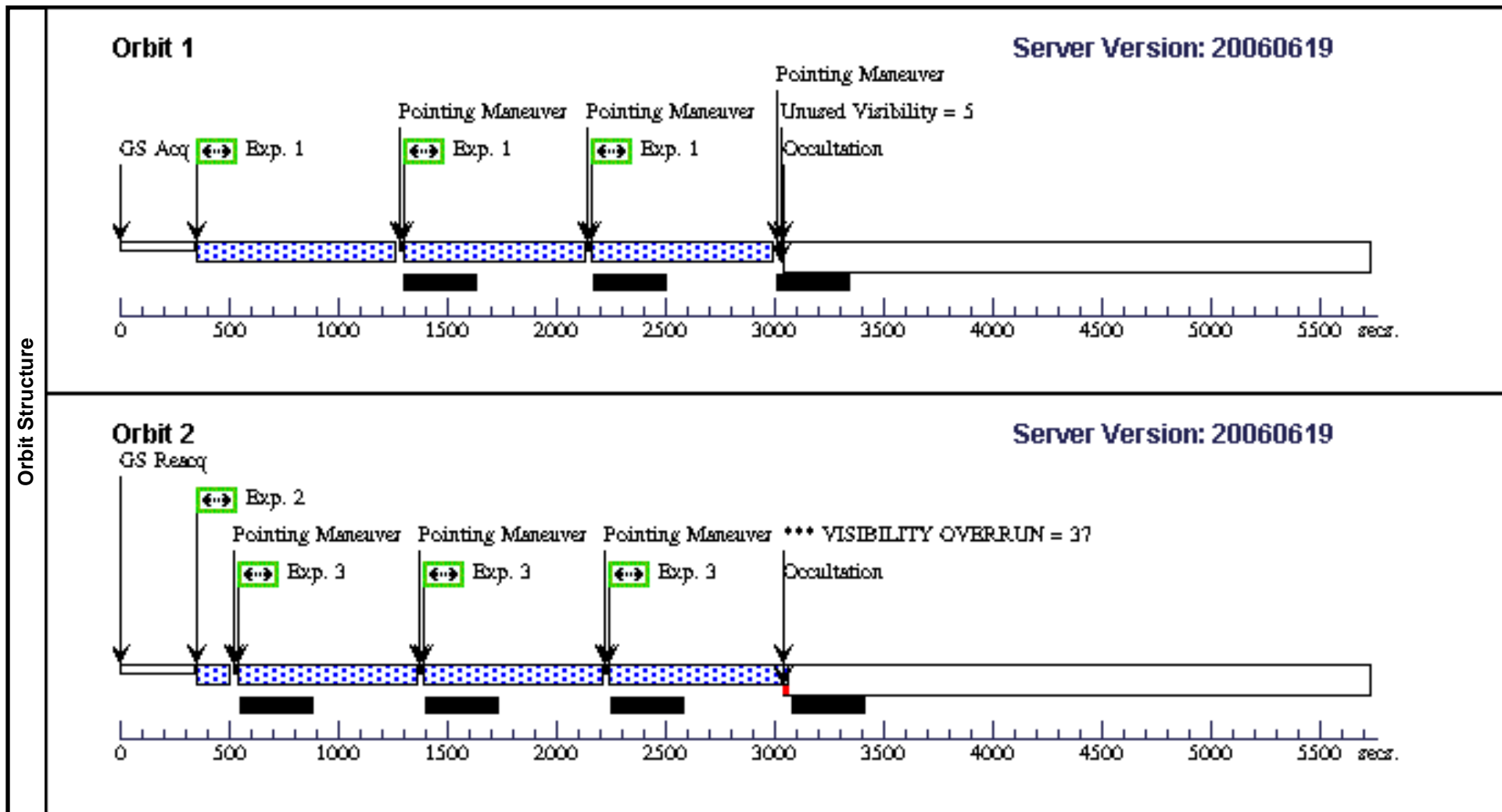


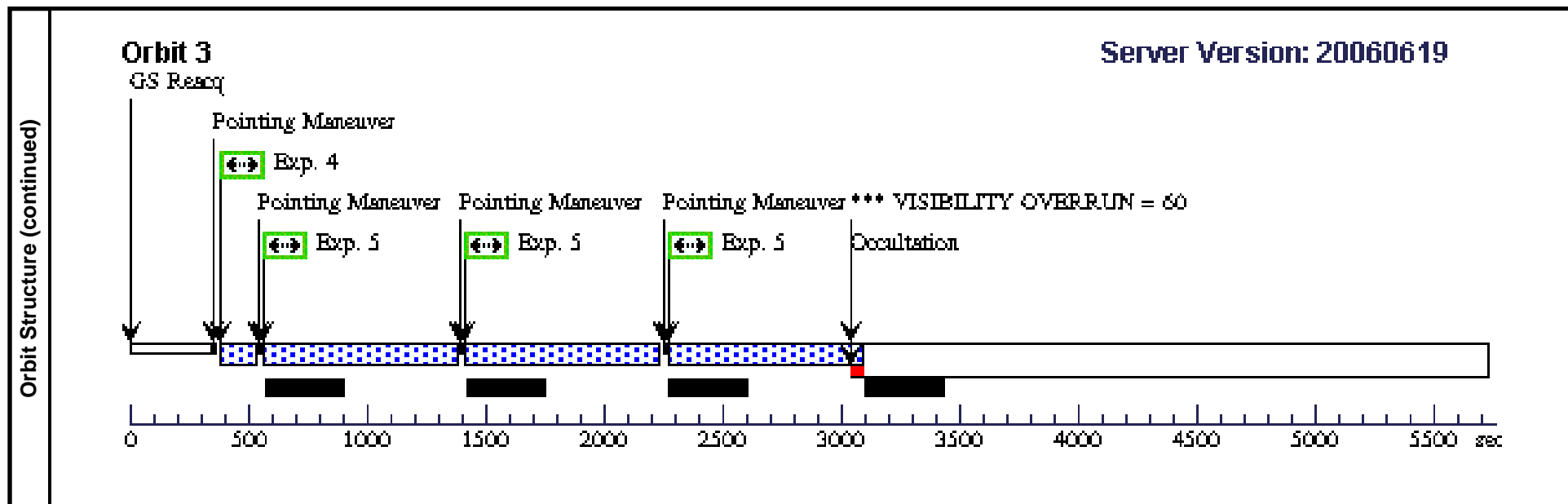


Proposal 10624 - Visit 61 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:30 GMT 2006

Visit	Proposal 10624, Visit 61, completed Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SCHED 100%; BETWEEN 04-MAY-2006:23:10:04 AND 06-MAY-2006:23:10:04									
	Diagnostics	(Visit 61) Warning: VISIBILITY OVERRUN (Visit 61) Warning: VISIBILITY OVERRUN								
Patterns		#	Primary Pattern				Secondary Pattern			Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=33 Angle Between Sides= Center Pattern=true			(1), (3), (5)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(12)	GRB060205B	RA: 18 35 46.0600 (278.9419167d) Dec: +52 37 51.46 (52.63096d) Equinox: J2000 Plate Id: (?)				V=22.0+/-2.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Sequence 1-1 Non-Int Pattern 1-1 (1)	710.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2	(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.3306 67,2.55907		Sequence 2-3 Non-Int	29.0 Secs [==>]	[2]
	3	(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.3306 67,2.55907		Sequence 2-3 Non-Int Pattern 3-3 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]
	4	(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-2.55907		Sequence 4-5 Non-Int	25.0 Secs [==>]	[3]
	5	(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-2.55907		Sequence 4-5 Non-Int Pattern 5-5 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]

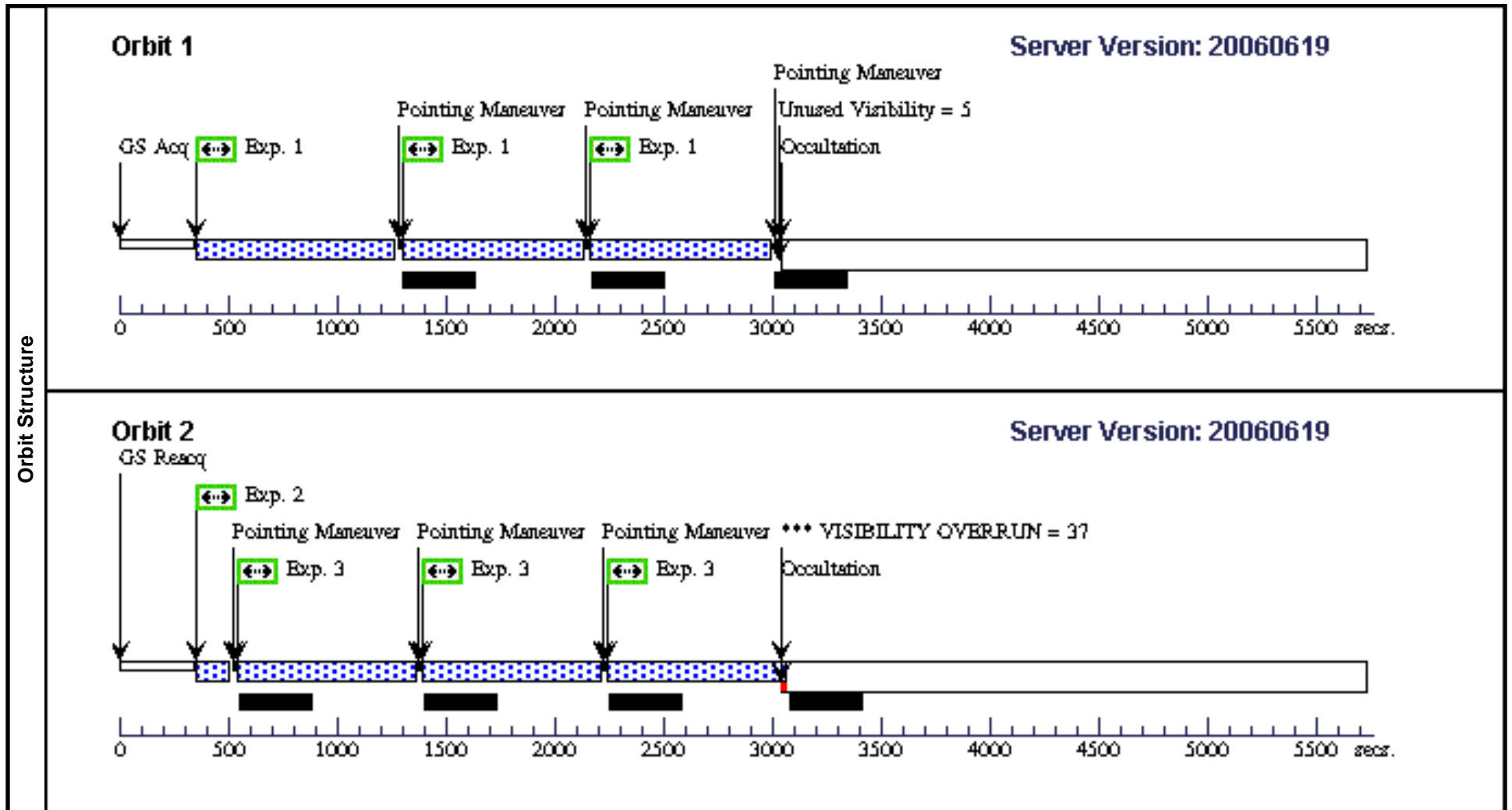


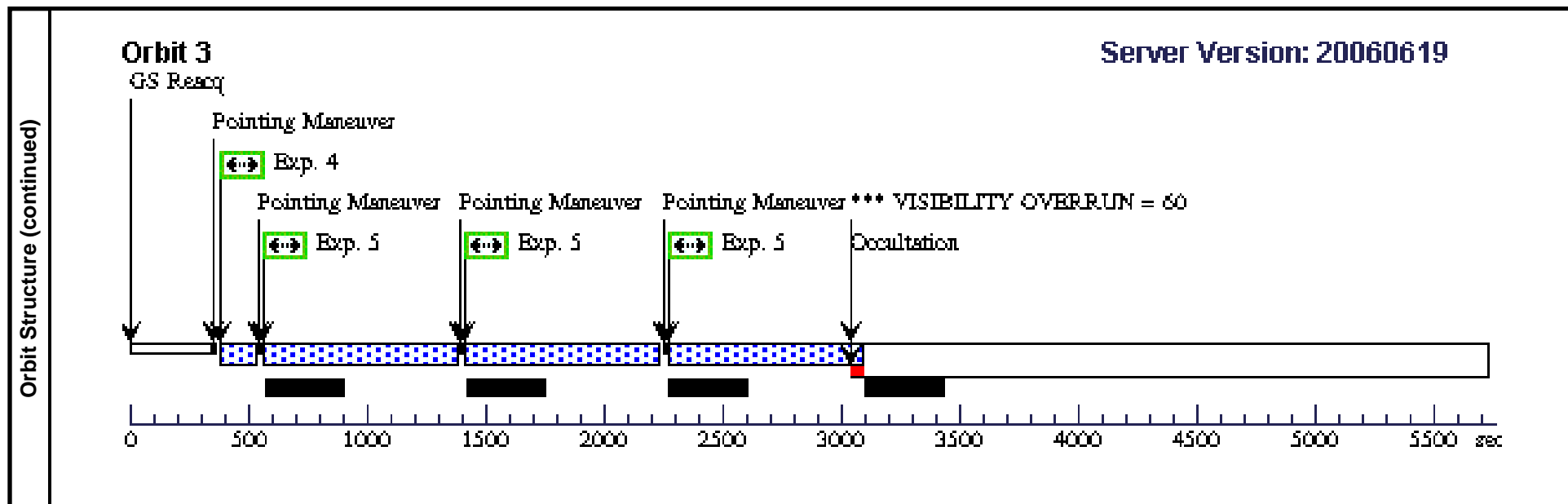


Proposal 10624 - Visit 62 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:31 GMT 2006

Visit	Proposal 10624, Visit 62, completed Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SCHED 100%; AFTER 61 BY 4 D TO 9 D									
	Diagnostics	(Visit 62) Warning: VISIBILITY OVERRUN (Visit 62) Warning: VISIBILITY OVERRUN								
Patterns		#	Primary Pattern				Secondary Pattern			Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=33 Angle Between Sides= Center Pattern=true			(1), (3), (5)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(12)	GRB060205B	RA: 18 35 46.0600 (278.9419167d) Dec: +52 37 51.46 (52.63096d) Equinox: J2000 Plate Id: (?)				V=22.0+/-2.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Sequence 1-1 Non-Int Pattern 1-1 (1)	710.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2	(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.3306 67,2.55907		Sequence 2-3 Non-Int	29.0 Secs [==>]	[2]
	3	(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.3306 67,2.55907		Sequence 2-3 Non-Int Pattern 3-3 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]
	4	(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-2.55907		Sequence 4-5 Non-Int	25.0 Secs [==>]	[3]
	5	(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-2.55907		Sequence 4-5 Non-Int Pattern 5-5 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]

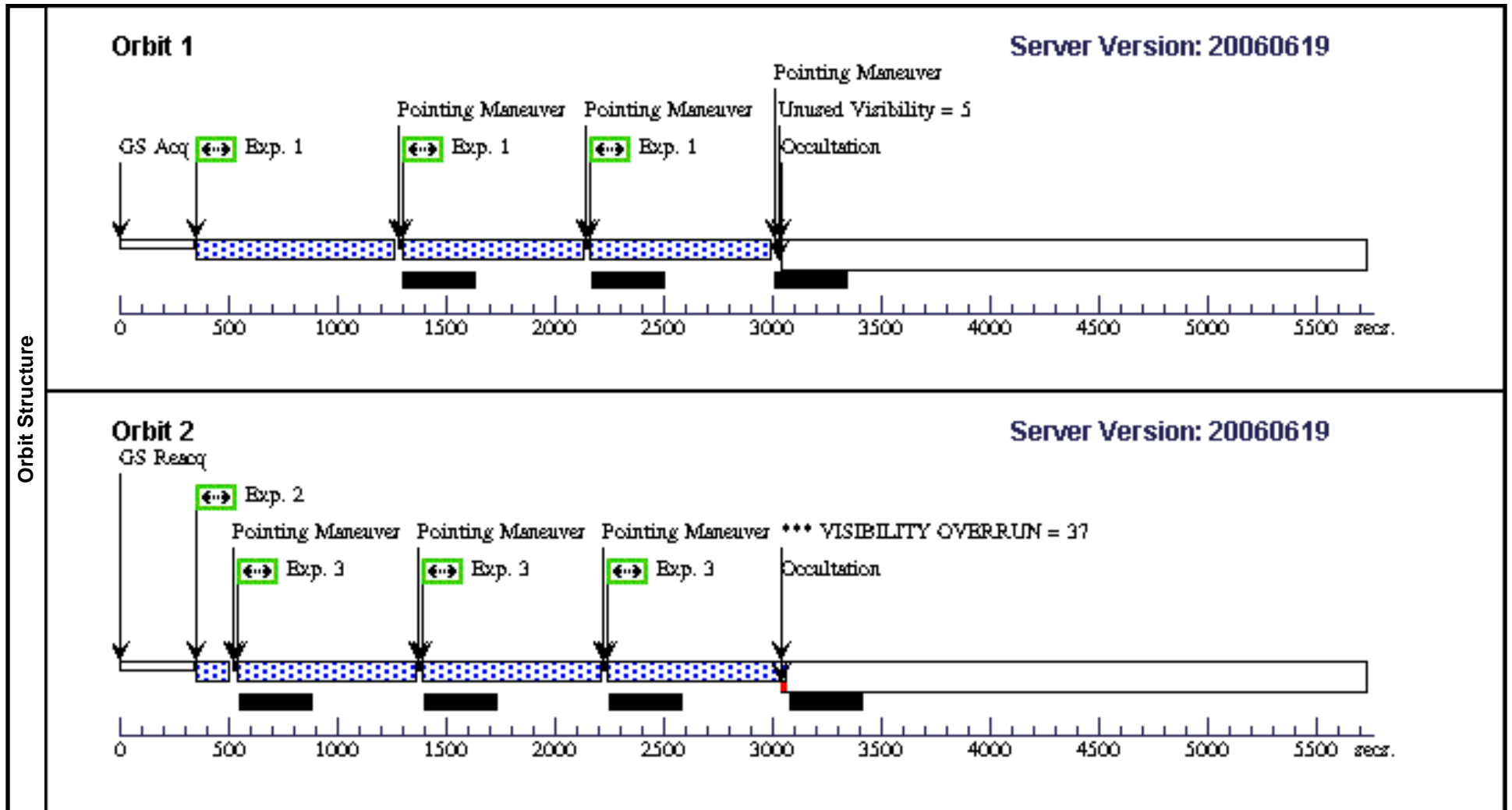


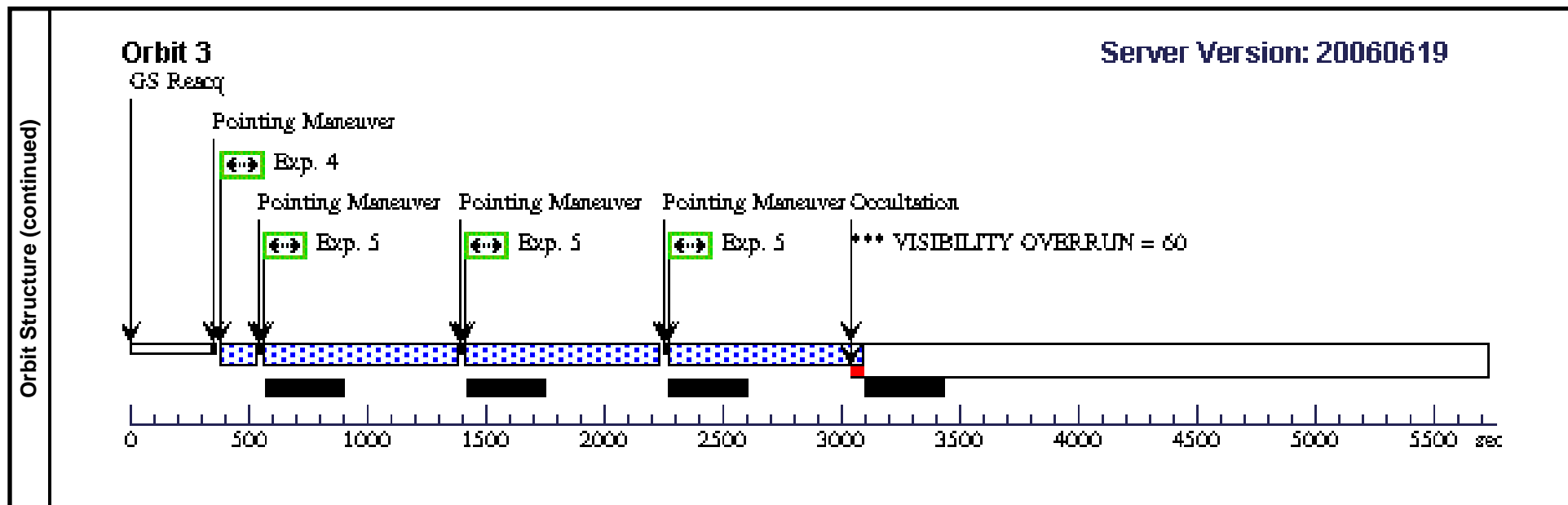


Proposal 10624 - Visit 63 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:31 GMT 2006

Visit	Proposal 10624, Visit 63, completed Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SCHED 100%; AFTER 62 BY 11 D TO 15 D										
	(Visit 63) Warning: VISIBILITY OVERRUN (Visit 63) Warning: VISIBILITY OVERRUN										
Diagnosics											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=33 Angle Between Sides= Center Pattern=true				(1), (3), (5)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(12)	GRB060205B	RA: 18 35 46.0600 (278.9419167d) Dec: +52 37 51.46 (52.63096d) Equinox: J2000 Plate Id: (?)				V=22.0+/-2.0		Coordinate Source: IMAGE_TIED_TO_GSC_FRAME		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Sequence 1-1 Non-Int Pattern 1-1 (1)	710.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.3306 67,2.55907	Sequence 2-3 Non-Int	29.0 Secs [==>]	[2]	
	3		(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.3306 67,2.55907	Sequence 2-3 Non-Int Pattern 3-3 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]	
	4		(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-2.55907	Sequence 4-5 Non-Int	25.0 Secs [==>]	[3]	
	5		(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-2.55907	Sequence 4-5 Non-Int Pattern 5-5 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]	

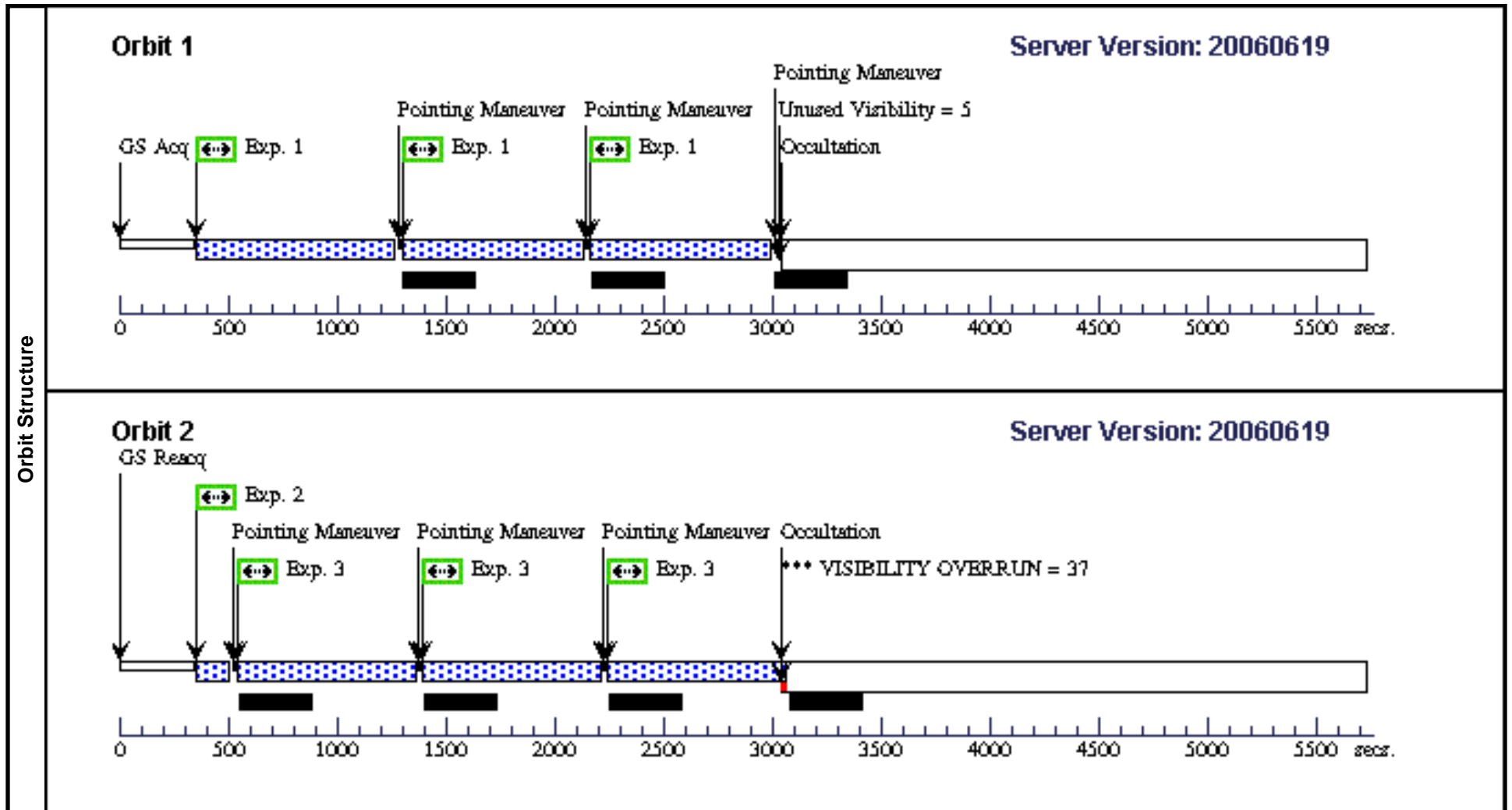


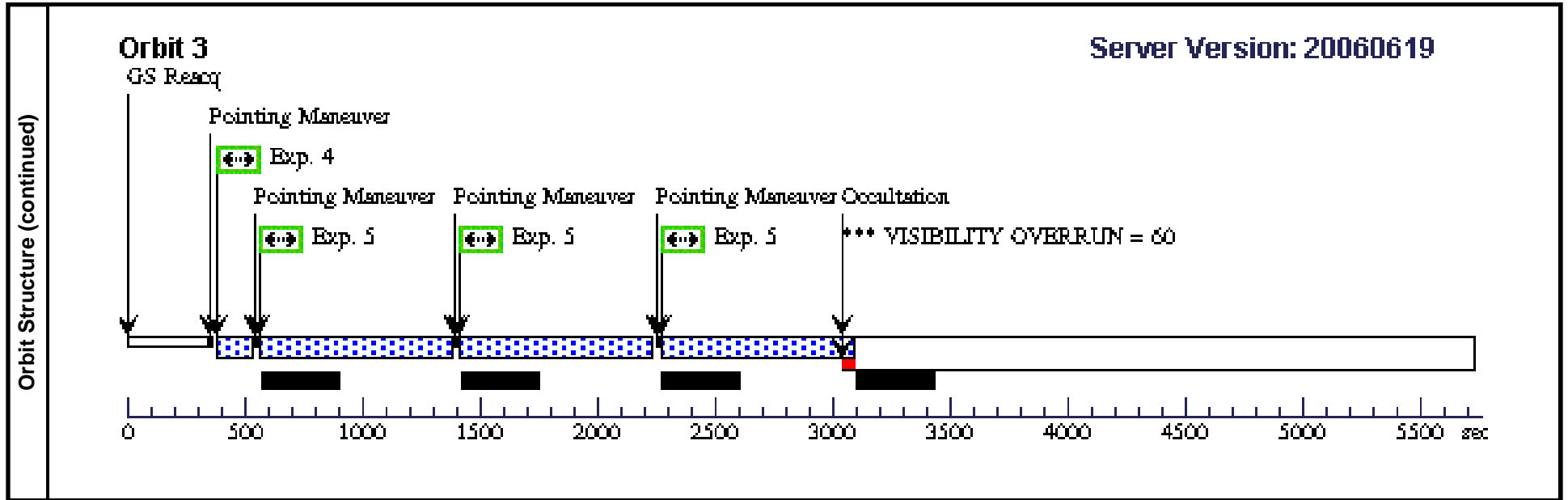


Proposal 10624 - Visit 64 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:32 GMT 2006

Visit	Proposal 10624, Visit 64, completed Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SCHED 100%; BETWEEN 13-JUL-2006:00:00:00 AND 24-JUL-2006:00:00:00									
	Diagnostics	(Visit 64) Warning: VISIBILITY OVERRUN (Visit 64) Warning: VISIBILITY OVERRUN								
Patterns		#	Primary Pattern				Secondary Pattern			Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=33 Angle Between Sides= Center Pattern=true			(1), (3), (5)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(12)	GRB060205B	RA: 18 35 46.0600 (278.9419167d) Dec: +52 37 51.46 (52.63096d) Equinox: J2000 Plate Id: (?)				V=22.0+/-2.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Sequence 1-1 Non-Int Pattern 1-1 (1)	710.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2	(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.3306 67,2.55907		Sequence 2-3 Non-Int	29.0 Secs [==>]	[2]
	3	(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG -0.3306 67,2.55907		Sequence 2-3 Non-Int Pattern 3-3 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]
	4	(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-2.55907		Sequence 4-5 Non-Int	25.0 Secs [==>]	[3]
	5	(12) GRB060205B	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.33066 7,-2.55907		Sequence 4-5 Non-Int Pattern 5-5 (1)	696.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[3]





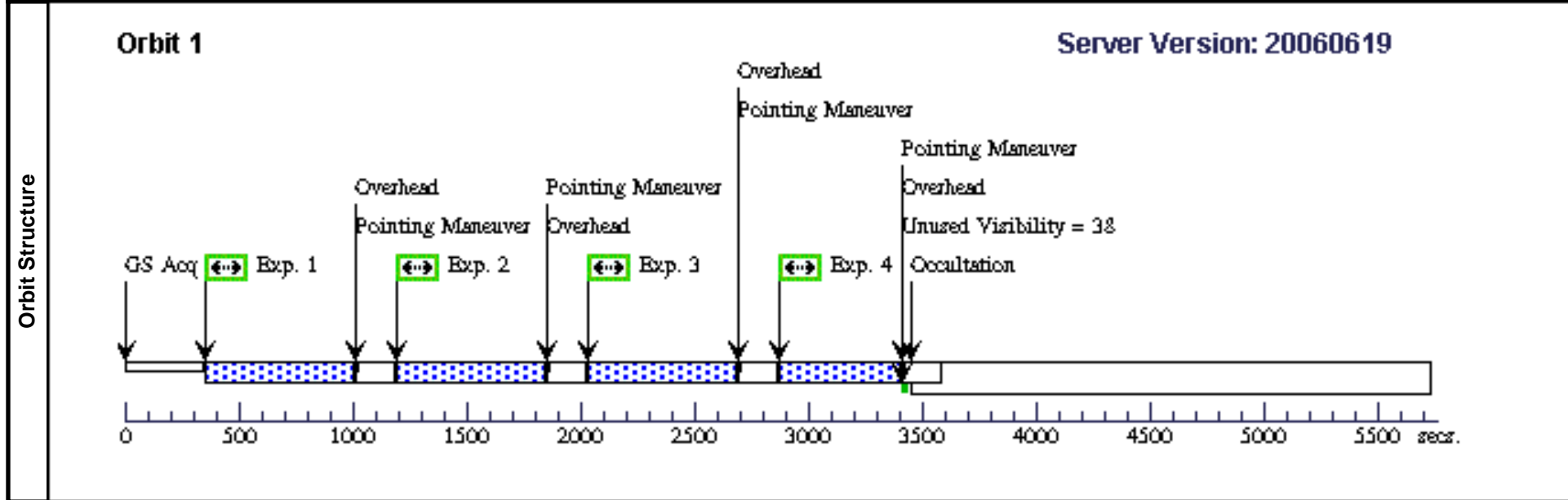
Proposal 10624 - Visit 65 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

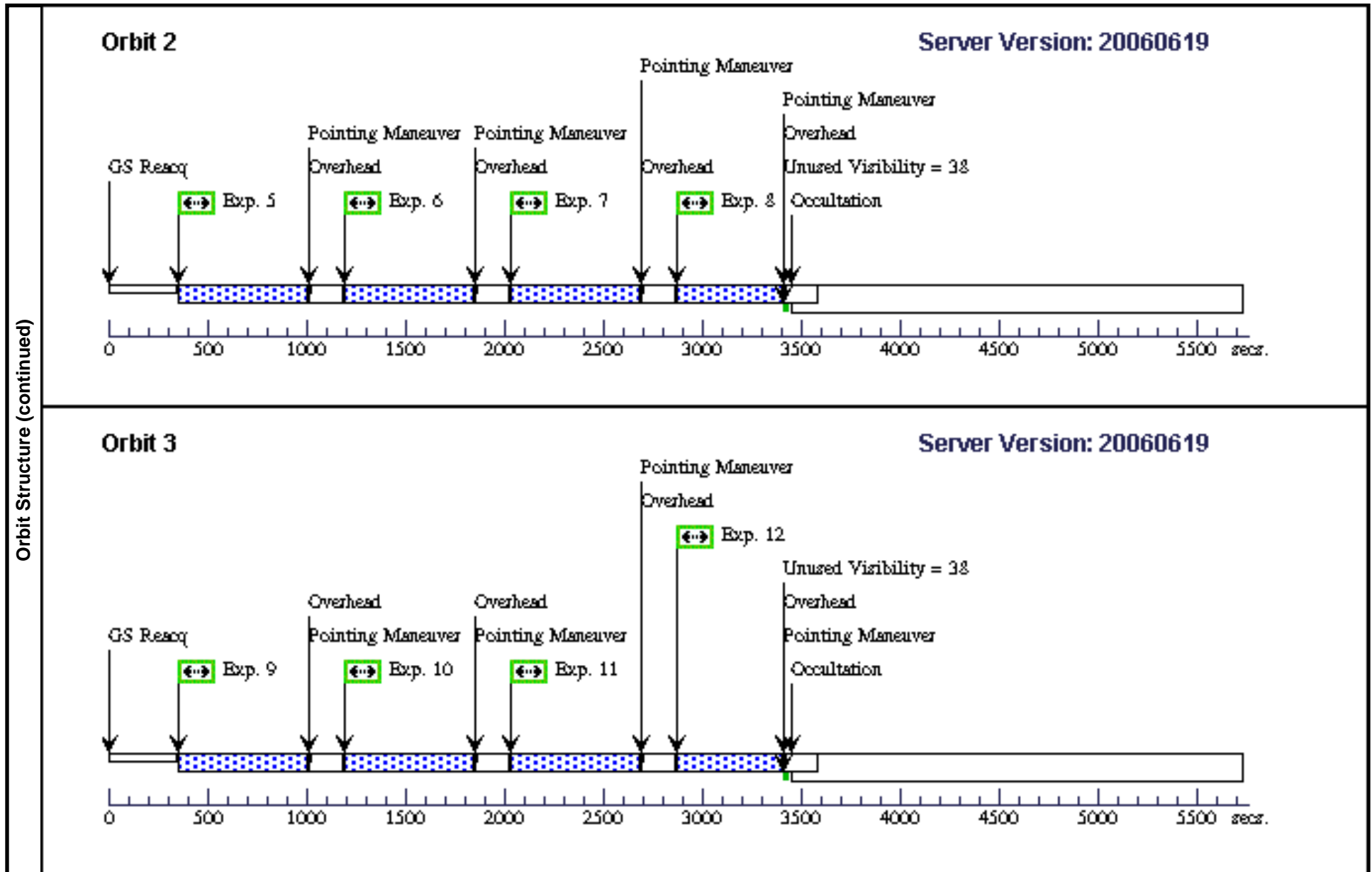
Fri Sep 22 01:34:32 GMT 2006

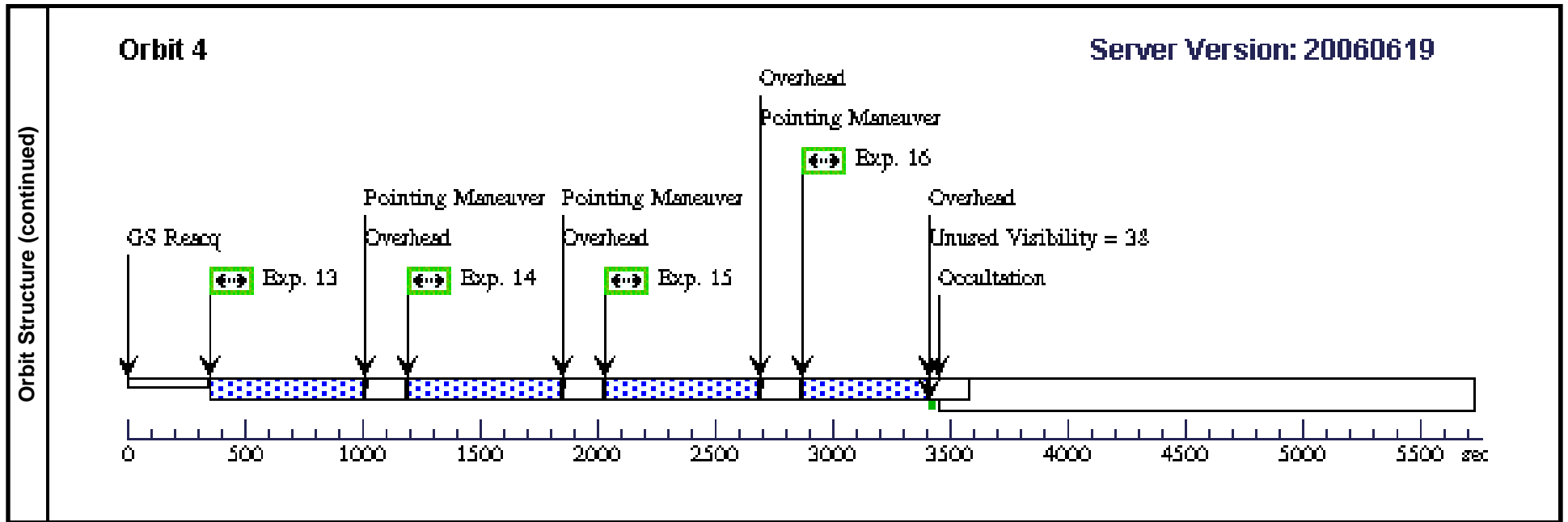
Visit	Proposal 10624, Visit 65, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none) <i>Comments: This is a backup WFPC2 visit for GRB 060614, if ACS is not available to execute the observations (visits 66,67). It should only be executed if ACS is not available. This will be the third visit of this target (first two as part of GO 10551) and should be carried out at least 30 days after the last 10551 visit. A visit during an optimal observing window in September would be good.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(13)		GRB060614	RA: 21 23 32.0800 (320.8836667d) Dec: -53 01 36.20 (-53.02672d) Equinox: J2000 Plate Id: (?)		V=24.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	exp-I-1	(13) GRB060614	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO			500.0 Secs [==>]	[1]
	2	exp-I-2	(13) GRB060614	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	POS TARG 1.03,0		500.0 Secs [==>]	[1]
	3	exp-I-3	(13) GRB060614	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	POS TARG 1.03,-1.03		500.0 Secs [==>]	[1]
	4	exp-I-4	(13) GRB060614	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	POS TARG 1.03,1.03		400.0 Secs [==>]	[1]
	5	exp-I-5	(13) GRB060614	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	POS TARG 0,1.03		500.0 Secs [==>]	[2]
	6	exp-I-6	(13) GRB060614	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	POS TARG 0,-1.03		500.0 Secs [==>]	[2]
	7	exp-I-7	(13) GRB060614	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	POS TARG -1.03,0		500.0 Secs [==>]	[2]
	8	exp-I-8	(13) GRB060614	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	POS TARG -1.03,-1.03		400.0 Secs [==>]	[2]
	9	exp-v-1	(13) GRB060614	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO			500.0 Secs [==>]	[3]
	10	exp-v-2	(13) GRB060614	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO	POS TARG 1.03,0		500.0 Secs [==>]	[3]
	11	exp-v-3	(13) GRB060614	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO	POS TARG 1.03,-1.03		500.0 Secs [==>]	[3]

Proposal 10624 - Visit 65 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
12	exp-v-4	(13) GRB060614	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO	POS TARG 1.03,1.0 3		400.0 Secs [==>]	[3]
13	exp-v-5	(13) GRB060614	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO	POS TARG 0,1.03		500.0 Secs [==>]	[4]
14	exp-v-6	(13) GRB060614	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO	POS TARG 0,-1.03		500.0 Secs [==>]	[4]
15	exp-v-7	(13) GRB060614	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO	POS TARG -1.03,0		500.0 Secs [==>]	[4]
16	exp-v-8	(13) GRB060614	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO	POS TARG -1.03,-1. 03		400.0 Secs [==>]	[4]



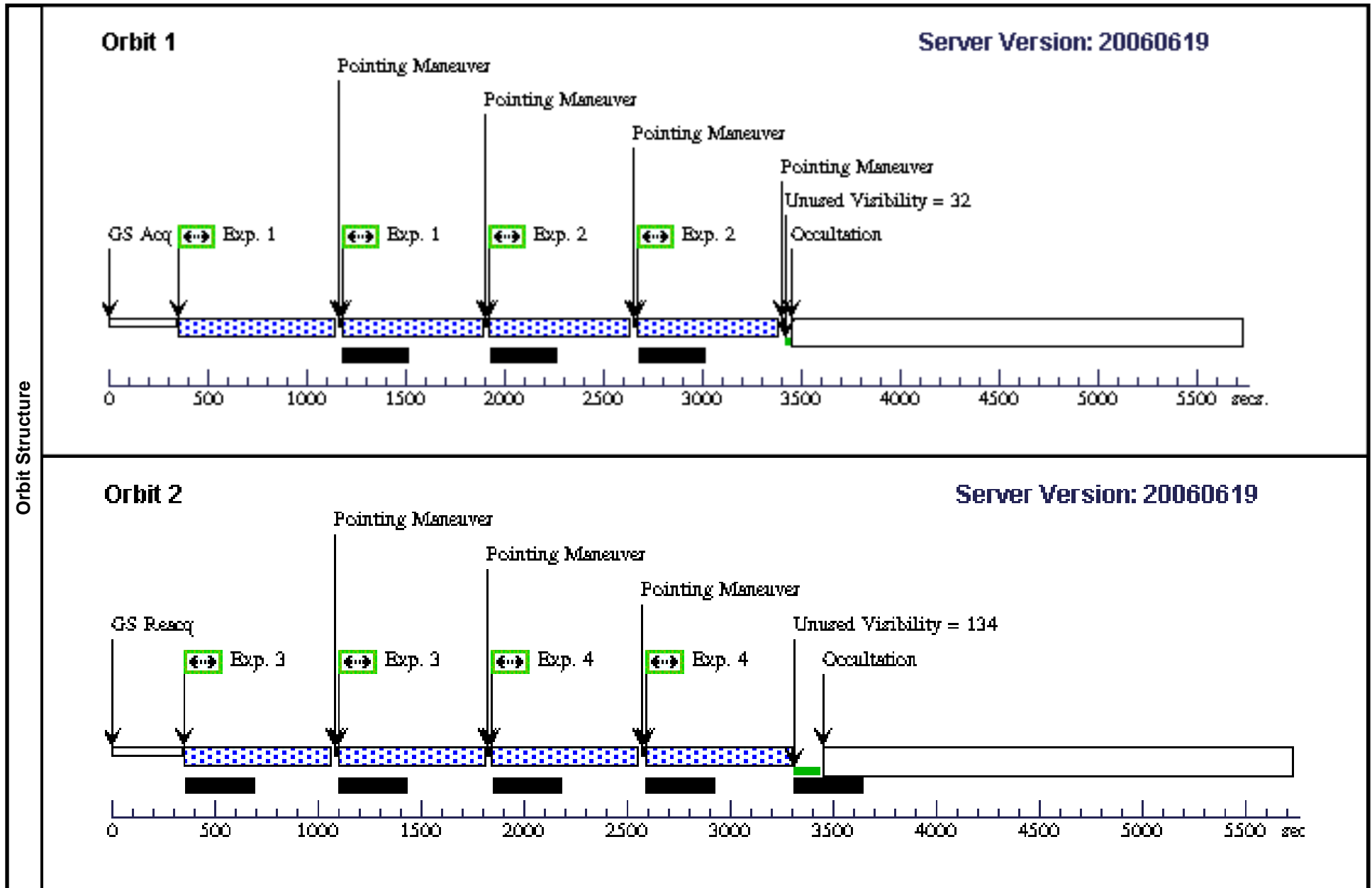




Proposal 10624 - Visit 66 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:34 GMT 2006

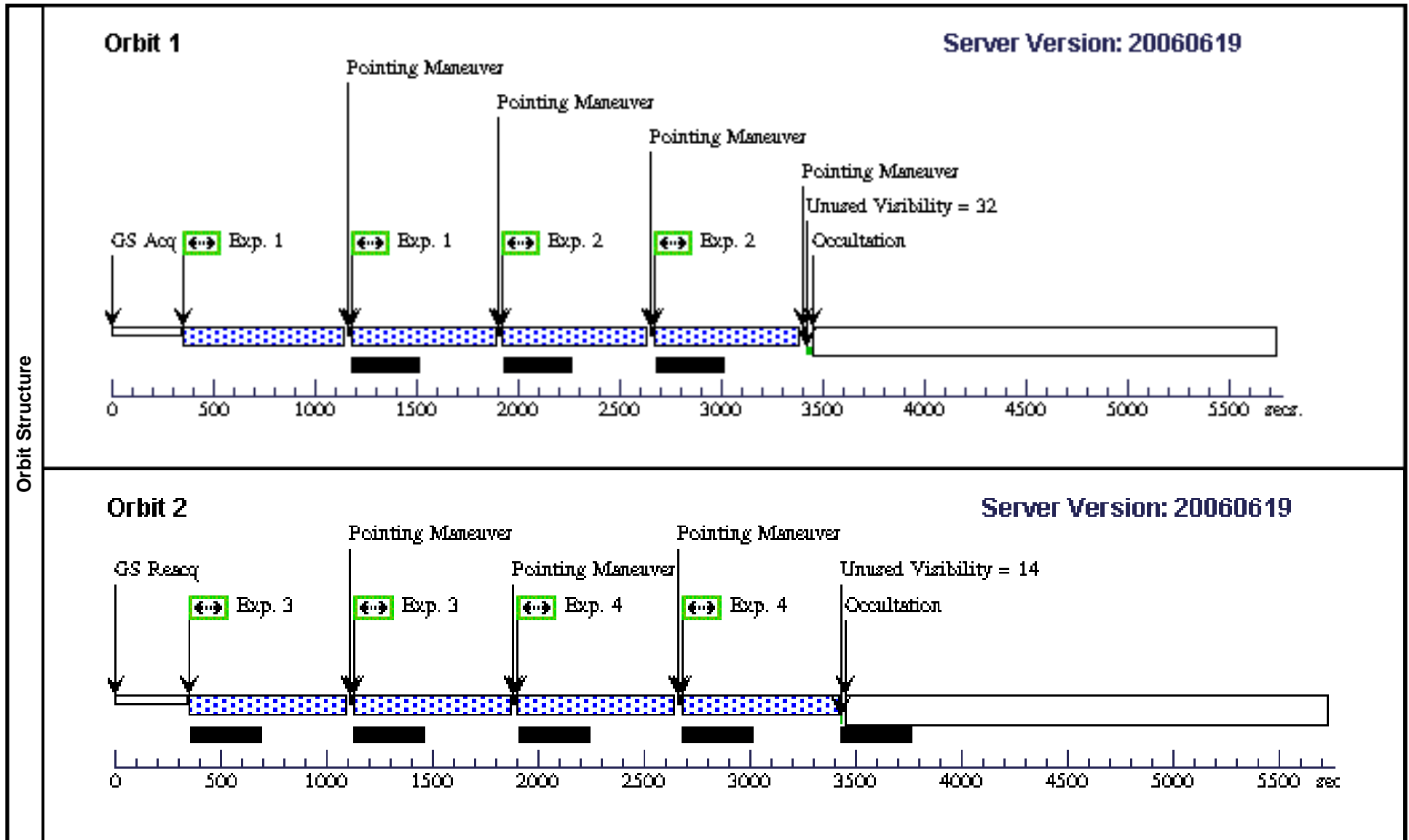
Visit	Proposal 10624, Visit 66, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE <i>Comments: This (with visit 67) is the third and last observations (first two under 10551) for this target (GRB 060614). This visit is a V606 sequence. It should be carried out at least 30 days after the last 10551 visit. A visit during an optimal observing window in September would be good.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(5)		Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.182 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=47.2 Angle Between Sides= Center Pattern=true					(1), (2), (3), (4)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(13)	GRB060614	RA: 21 23 32.0800 (320.8836667d) Dec: -53 01 36.20 (-53.02672d) Equinox: J2000 Plate Id: (?)				V=24.0		Coordinate Source: IMAGE_TIED_TO_GSC_FRAME	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1	(13) GRB060614	ACS/WFC, ACCUM, WFC1	F606W	CR-SPLIT=NO		Pattern 1-1 (5)	590.0 Secs	
									[==>(Pattern 1)]	[1]
									[==>(Pattern 2)]	
	2	2	(13) GRB060614	ACS/WFC, ACCUM, WFC1	F606W	CR-SPLIT=NO	POS TARG 0.2232,0 .0171	Pattern 2-2 (5)	590.0 Secs	
								[==>(Pattern 1)]	[1]	
								[==>(Pattern 2)]		
3	3	(13) GRB060614	ACS/WFC, ACCUM, WFC1	F606W	CR-SPLIT=NO	POS TARG 0.2232,0 .2232	Pattern 3-3 (5)	590.0 Secs		
								[==>(Pattern 1)]	[2]	
								[==>(Pattern 2)]		
4	4	(13) GRB060614	ACS/WFC, ACCUM, WFC1	F606W	CR-SPLIT=NO	POS TARG 0.0171,0 .2232	Pattern 4-4 (5)	590.0 Secs		
								[==>(Pattern 1)]	[2]	
								[==>(Pattern 2)]		



Proposal 10624 - Visit 67 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:34 GMT 2006

Visit	Proposal 10624, Visit 67, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE <i>Comments: This (with visit 66) is the third and last observations (first two under 10551) for this target (GRB 060614). This visit is a 1814 sequence. It should be carried out at least 30 days after the last 10551 visit. A visit during an optimal observing window in September would be good.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(5)		Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.182 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=47.2 Angle Between Sides= Center Pattern=true					(1), (2), (3), (4)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(13)	GRB060614	RA: 21 23 32.0800 (320.8836667d) Dec: -53 01 36.20 (-53.02672d) Equinox: J2000 Plate Id: (?)				V=24.0		Coordinate Source: IMAGE_TIED_TO_GSC_FRAME	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1	(13) GRB060614	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1-1 (5)	590.0 Secs	
									[==>(Pattern 1)]	[1]
									[==>(Pattern 2)]	
	2	2	(13) GRB060614	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.2232,0 .0171	Pattern 2-2 (5)	590.0 Secs	
								[==>(Pattern 1)]	[1]	
								[==>(Pattern 2)]		
3	3	(13) GRB060614	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.2232,0 .2232	Pattern 3-3 (5)	620.0 Secs		
								[==>(Pattern 1)]	[2]	
								[==>(Pattern 2)]		
4	4	(13) GRB060614	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.0171,0 .2232	Pattern 4-4 (5)	620.0 Secs		
								[==>(Pattern 1)]	[2]	
								[==>(Pattern 2)]		



Proposal 10624 - Visit 68 - Solving the Mystery of the Short-Hard Gamma-Ray Bursts

Fri Sep 22 01:34:35 GMT 2006

Visit	Proposal 10624, Visit 68 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE <i>Comments: This (with visit 66) is the third and last observations (first two under 10551) for this target (GRB 060614). This visit is a 1814 sequence. It should be carried out at least 30 days after the last 10551 visit. A visit during an optimal observing window in September would be good.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(5)		Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.182 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.2 Angle Between Sides= Center Pattern=true						(1), (2), (3), (4)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(13)	GRB060614	RA: 21 23 32.0800 (320.8836667d) Dec: -53 01 36.20 (-53.02672d) Equinox: J2000 Plate Id: (?)			V=24.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1	(13) GRB060614	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1-1 (5)	590.0 Secs [=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	2	(13) GRB060614	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.2232,0 .0171	Pattern 2-2 (5)	590.0 Secs [=>(Pattern 1)] [=>(Pattern 2)]	[1]
	3	3	(13) GRB060614	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.2232,0 .2232	Pattern 3-3 (5)	620.0 Secs [=>(Pattern 1)] [=>(Pattern 2)]	[2]
	4	4	(13) GRB060614	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.0171,0 .2232	Pattern 4-4 (5)	620.0 Secs [=>(Pattern 1)] [=>(Pattern 2)]	[2]

