



## 10859 - Precise Measurements of Sgr A\* Flare Activity

Cycle: 15, 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>
01	(1) SGR-A	NIC1	1	05-Mar-2007 21:09:39.0	yes
02	(1) SGR-A	NIC1	1	05-Mar-2007 21:09:48.0	yes
03	(1) SGR-A	NIC1	1	05-Mar-2007 21:09:56.0	yes
04	(1) SGR-A	NIC1	1	05-Mar-2007 21:10:09.0	yes
05	(1) SGR-A	NIC1	1	05-Mar-2007 21:10:17.0	yes

Proposal 10859 (STScI Edit Number: 3, Created: Monday, March 5, 2007 9:14:55 PM EST) - Overview

<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>
06	(1) SGR-A	NIC1	1	05-Mar-2007 21:10:25.0	yes
07	(1) SGR-A	NIC1	1	05-Mar-2007 21:10:32.0	yes
08	(1) SGR-A	NIC1	1	05-Mar-2007 21:10:40.0	yes
09	(1) SGR-A	NIC1	1	05-Mar-2007 21:10:51.0	yes
10	(1) SGR-A	NIC1	1	05-Mar-2007 21:10:59.0	yes
11	(1) SGR-A	NIC1	1	05-Mar-2007 21:11:06.0	yes
12	(1) SGR-A	NIC1	1	05-Mar-2007 21:11:13.0	yes
13	(1) SGR-A	NIC1	1	05-Mar-2007 21:11:19.0	yes
14	(1) SGR-A	NIC1	1	05-Mar-2007 21:11:31.0	yes
15	(1) SGR-A	NIC1	1	05-Mar-2007 21:11:38.0	yes
16	(1) SGR-A	NIC1	1	05-Mar-2007 21:11:45.0	yes
17	(1) SGR-A	NIC1	1	05-Mar-2007 21:11:52.0	yes
18	(1) SGR-A	NIC1	1	05-Mar-2007 21:11:58.0	yes
19	(1) SGR-A	NIC1	1	05-Mar-2007 21:12:09.0	yes
20	(1) SGR-A	NIC1	1	05-Mar-2007 21:12:16.0	yes
21	(1) SGR-A	NIC1	1	05-Mar-2007 21:12:22.0	yes
22	(1) SGR-A	NIC1	1	05-Mar-2007 21:12:30.0	yes
23	(1) SGR-A	NIC1	1	05-Mar-2007 21:12:36.0	yes
24	(1) SGR-A	NIC1	1	05-Mar-2007 21:12:47.0	yes
25	(1) SGR-A	NIC1	1	05-Mar-2007 21:12:54.0	yes
26	(1) SGR-A	NIC1	1	05-Mar-2007 21:13:01.0	yes
27	(1) SGR-A	NIC1	1	05-Mar-2007 21:13:07.0	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>
28	(1) SGR-A	NIC1	1	05-Mar-2007 21:13:14.0	yes
29	(1) SGR-A	NIC1	1	05-Mar-2007 21:13:26.0	yes
30	(1) SGR-A	NIC1	1	05-Mar-2007 21:13:33.0	yes
31	(1) SGR-A	NIC1	1	05-Mar-2007 21:13:40.0	yes
32	(1) SGR-A	NIC1	1	05-Mar-2007 21:13:48.0	yes
33	(1) SGR-A	NIC1	1	05-Mar-2007 21:13:55.0	yes
34	(1) SGR-A	NIC1	1	05-Mar-2007 21:14:07.0	yes
35	(1) SGR-A	NIC1	1	05-Mar-2007 21:14:13.0	yes
36	(1) SGR-A	NIC1	1	05-Mar-2007 21:14:20.0	yes
37	(1) SGR-A	NIC1	1	05-Mar-2007 21:14:27.0	yes
38	(1) SGR-A	NIC1	1	05-Mar-2007 21:14:34.0	yes
39	(1) SGR-A	NIC1	1	05-Mar-2007 21:14:45.0	yes
40	(1) SGR-A	NIC1	1	05-Mar-2007 21:14:53.0	yes

40 Total Orbits Used

### **ABSTRACT**

Correlated X-ray and near-IR flare emission from Sgr A\*, the closest supermassive black hole, contains information about the hydrodynamics, energetics, and accretion behavior of matter within the innermost ten Schwarzschild radii of the hole. We propose HST/NICMOS observations of near-IR flares, in conjunction with already approved observations using XMM-Newton (214 ksec) and CSO (3 nights), which can make the precise, new measurements necessary to understand the radiation mechanism and low luminosity of Sgr A\*. HST/NICMOS is required due to its very low and stable background, and its stable, tightly focused PSF, which allow accurate measurement of fainter flares than can be observed using groundbased adaptive optics systems. We will measure the spectral index distribution, the time-averaged flux and duration of flares, and the statistics of flare activity, and will confirm previously reported quasi-periodic variability. These measurements will have far-reaching implications for testing

the inverse Compton scattering (ICS) and synchrotron models of low-luminosity flares, for understanding the process of accretion onto and outflow from supermassive black holes, and for constraining the acceleration mechanism of flares and the inferred black hole spin. This knowledge, in turn, will help us understand more generally low-luminosity AGN and X-ray binaries in a very low/quiescent accretion state.

### **OBSERVING DESCRIPTION**

NICMOS camera 1 will be used to monitor the near-IR flux of the black hole at the Galactic Center, Sgr-A\*, simultaneously with XMM observations scheduled in 2 30-hour long observing windows. Our total observing time allocation of 40 orbits will be evenly split into 20 orbits within each of the two XMM observing windows. We have constructed our visits to use a 4-position BOX dither pattern, obtaining 2 sets of F145M and F170M exposures at each dither position, and cycling through the complete pattern once in each visit, with one visit filling one orbit. We will therefore have a total of 20 visits (20 orbits) in each XMM observing time window, for a total of 40 visits (40 orbits). Each orbit will consist of 8 cycles of exposures in the F145M and F170M filters. This choice of filters provides with reasonable throughput in combination with adequate wavelength spacing to make spectral index measurements. We wish to have as many of the orbits scheduled contiguously as possible, in order to fully sample the time-dependent variability of Sgr-A\* and to stay within the parallel XMM observing windows.

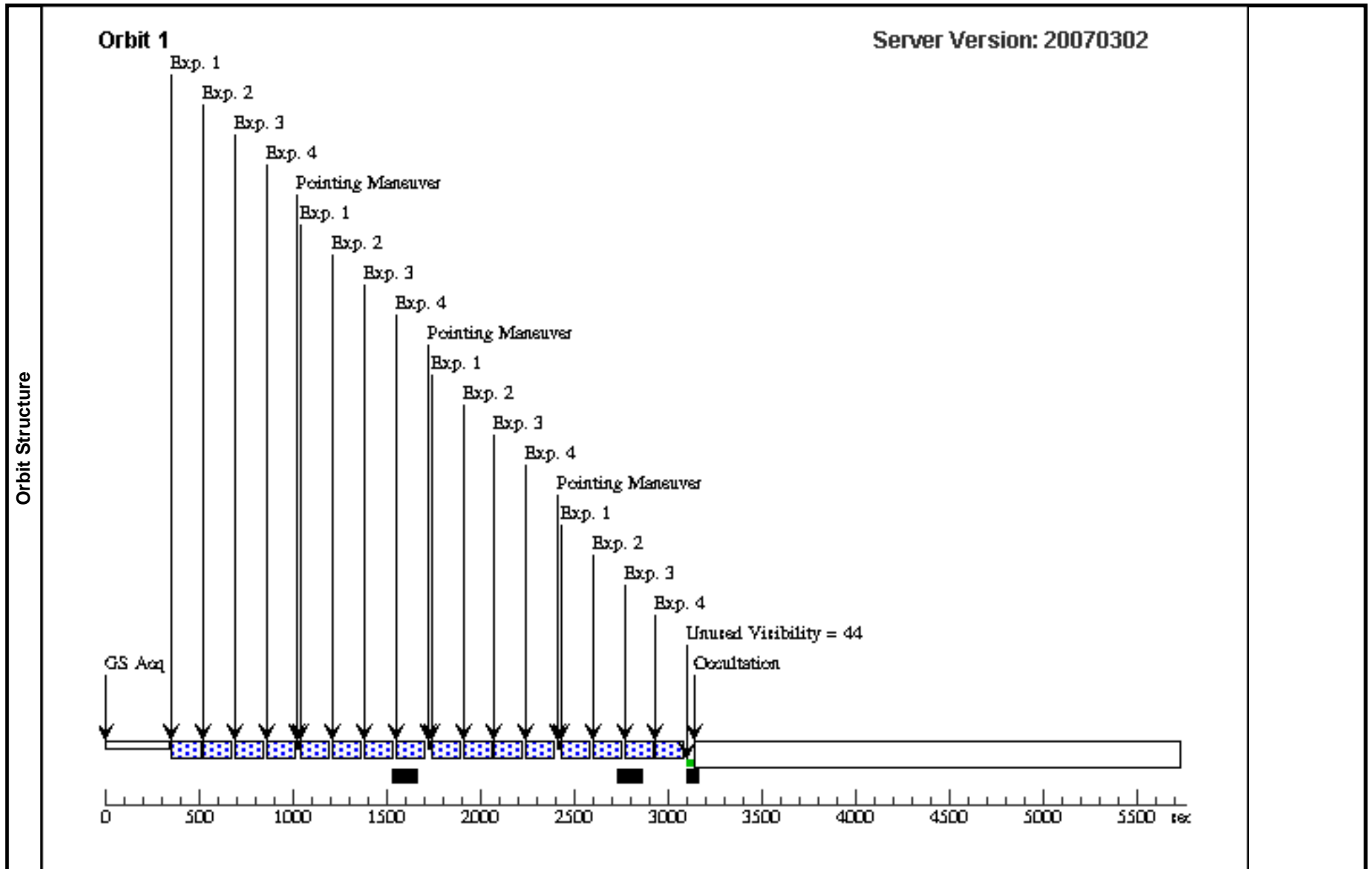
### **ADDITIONAL COMMENTS**

Duplication of many existing archival NICMOS images of the Galactic Center is necessary because of the need to acquire new observations taken simultaneously with the other observatories that will be joining in this campaign.

Proposal 10859 - Visit 01 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:14:56 GMT 2007

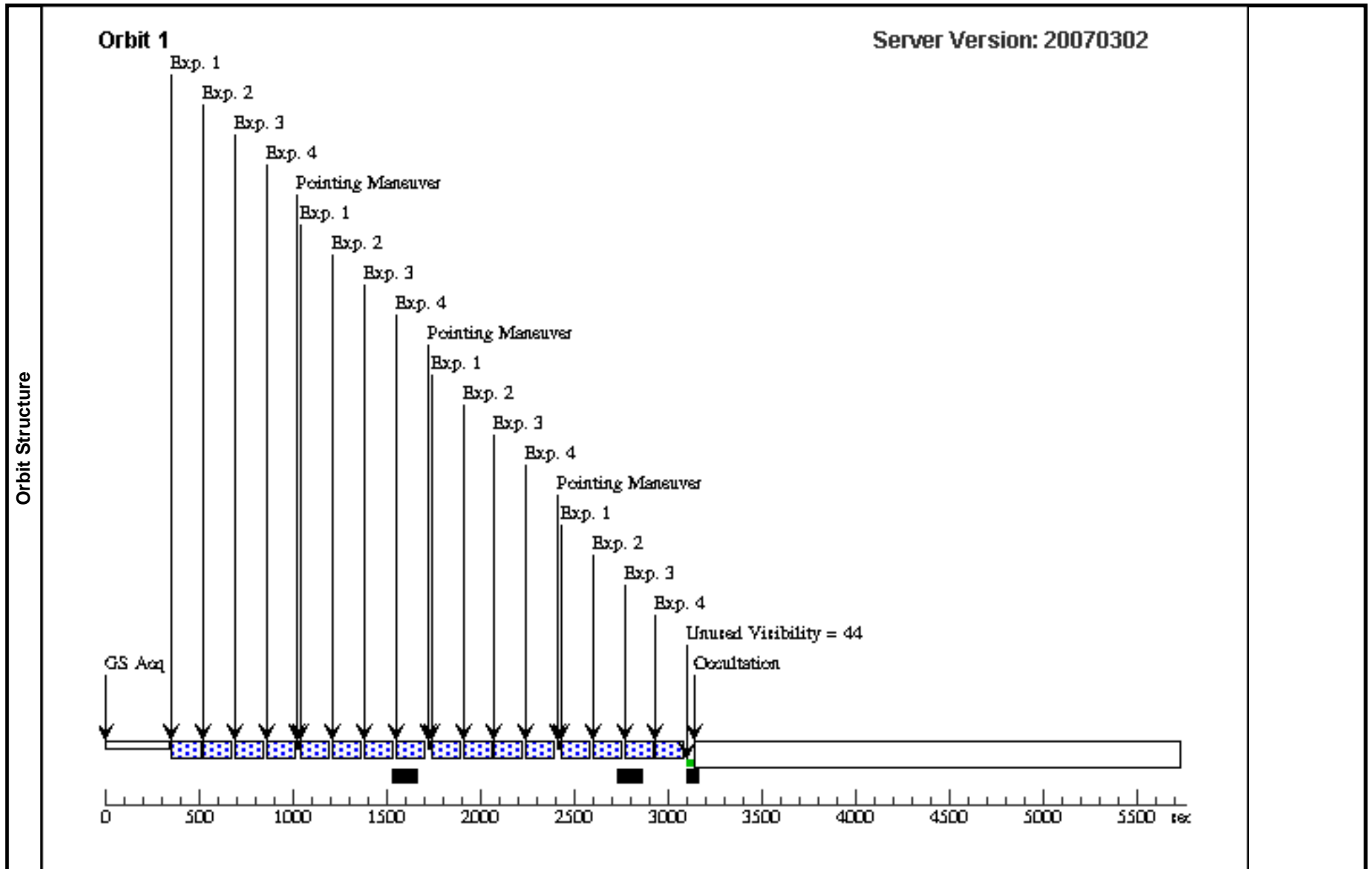
Visit	<b>Proposal 10859, Visit 01, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 01-APR-2007:12:00:00 AND 02-APR-2007:23:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 02 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:00 GMT 2007

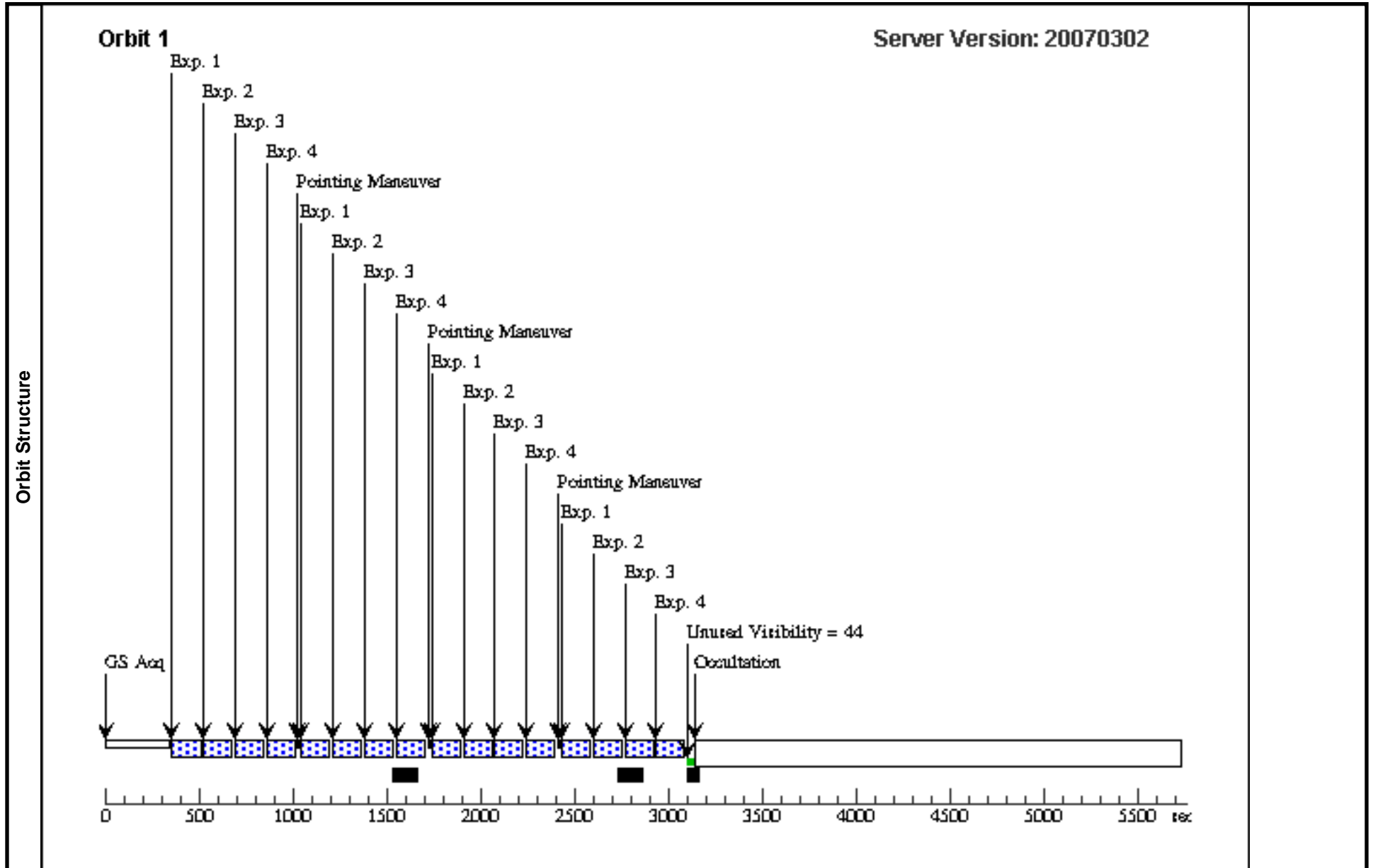
Visit	<b>Proposal 10859, Visit 02, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 01-APR-2007:12:00:00 AND 02-APR-2007:23:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 03 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:01 GMT 2007

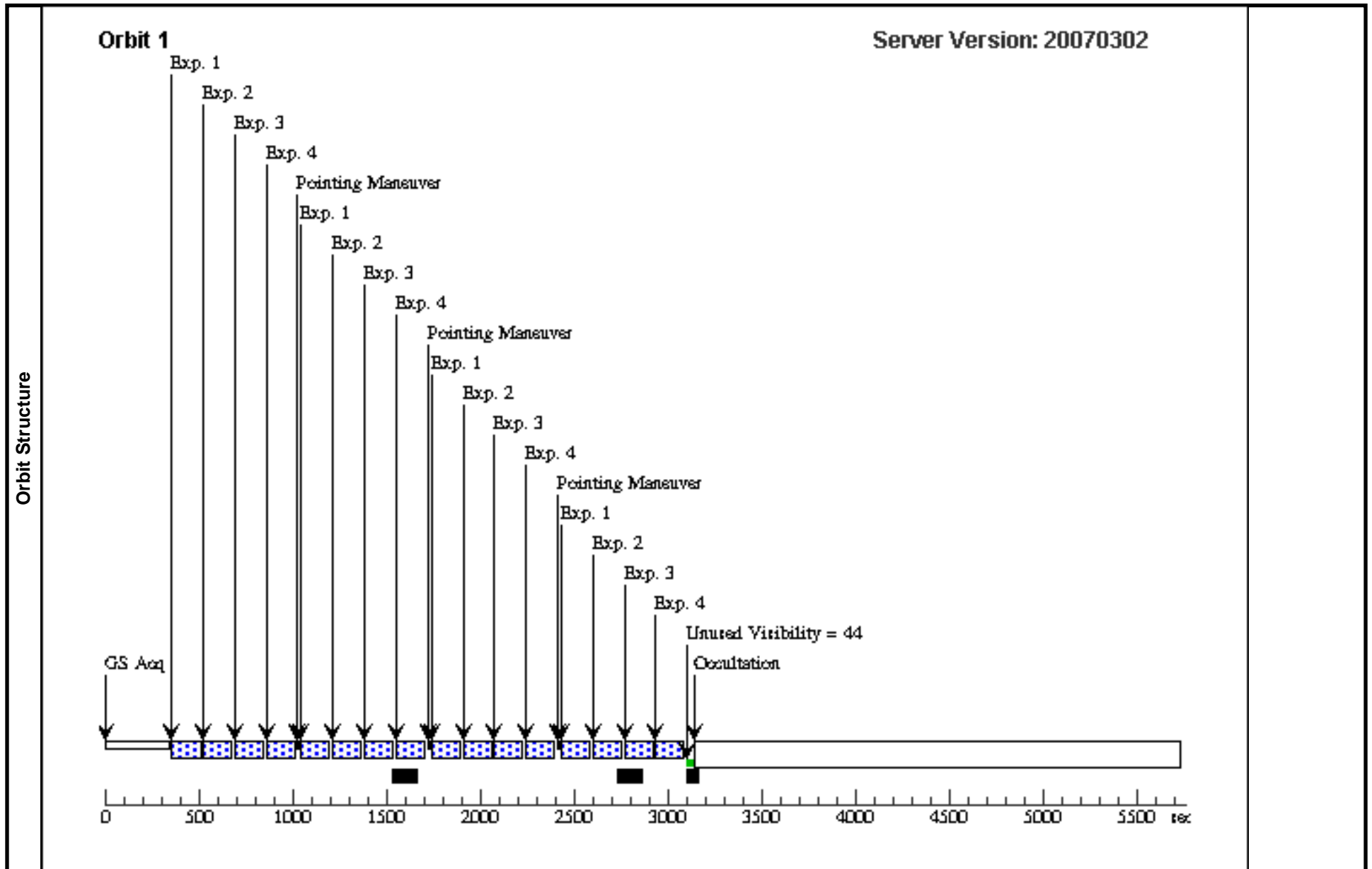
Visit	<b>Proposal 10859, Visit 03, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 01-APR-2007:12:00:00 AND 02-APR-2007:23:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 04 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:02 GMT 2007

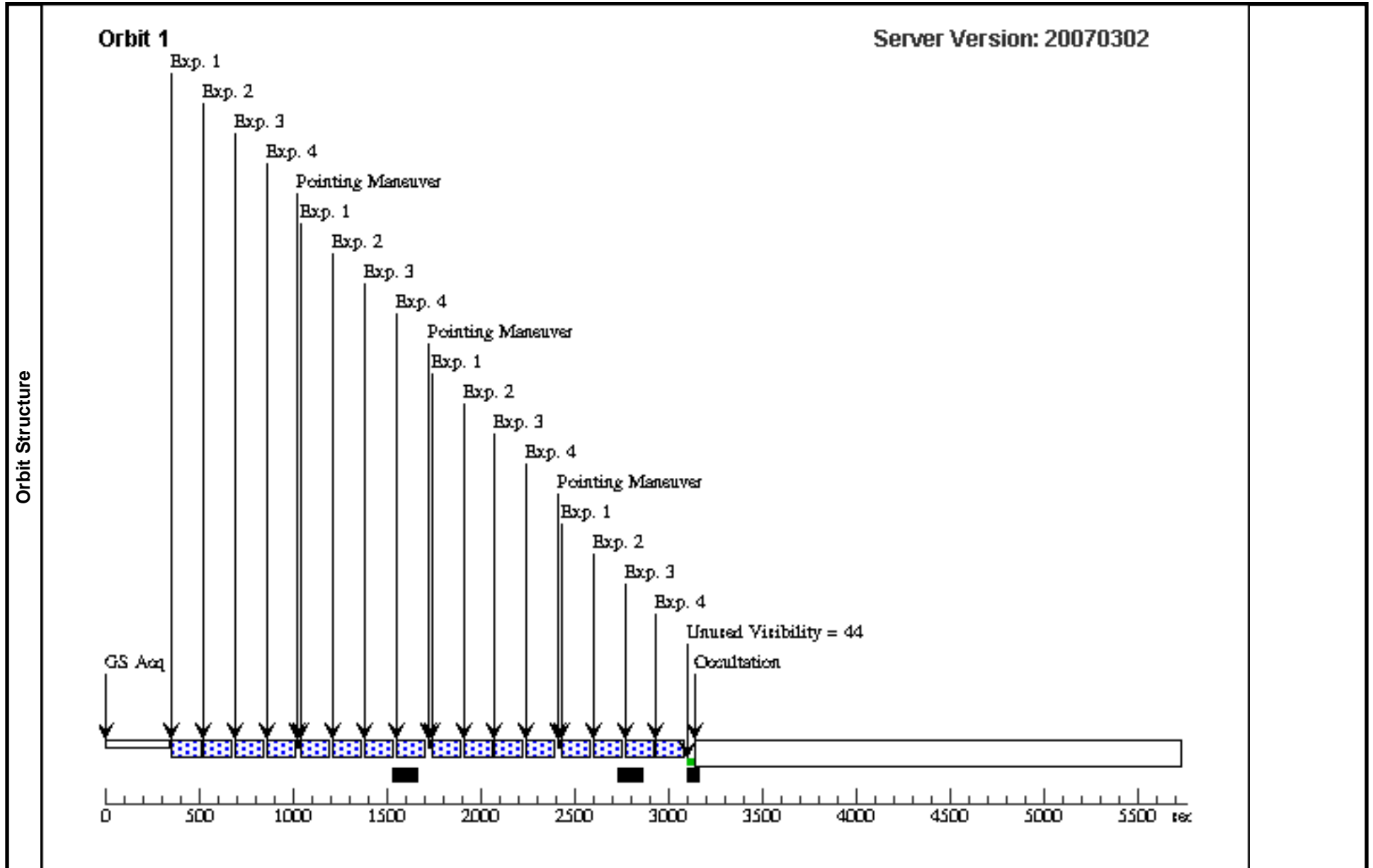
Visit	<b>Proposal 10859, Visit 04, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 01-APR-2007:12:00:00 AND 02-APR-2007:23:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 05 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:03 GMT 2007

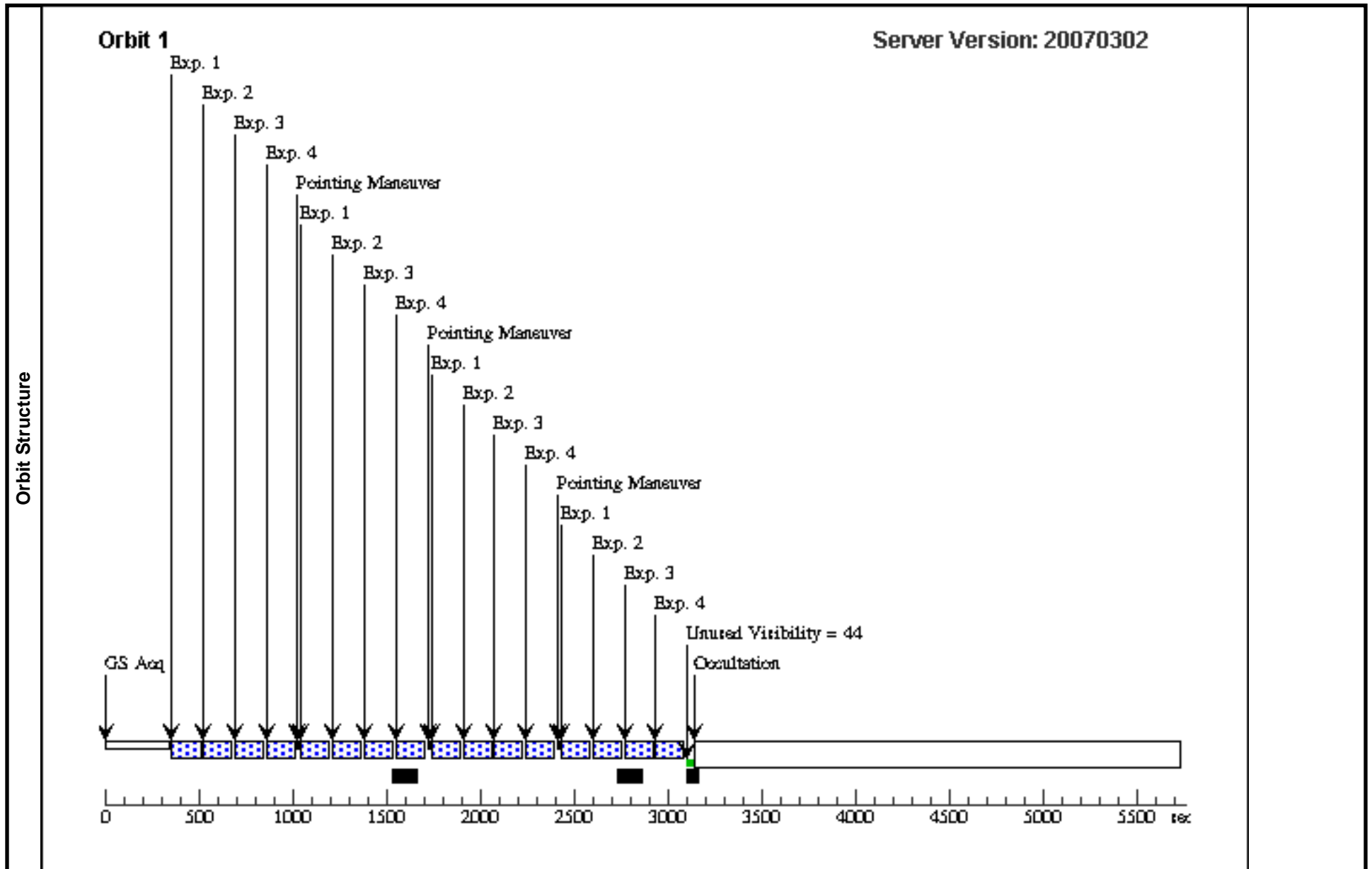
Visit	<b>Proposal 10859, Visit 05, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 01-APR-2007:12:00:00 AND 02-APR-2007:23:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 06 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:04 GMT 2007

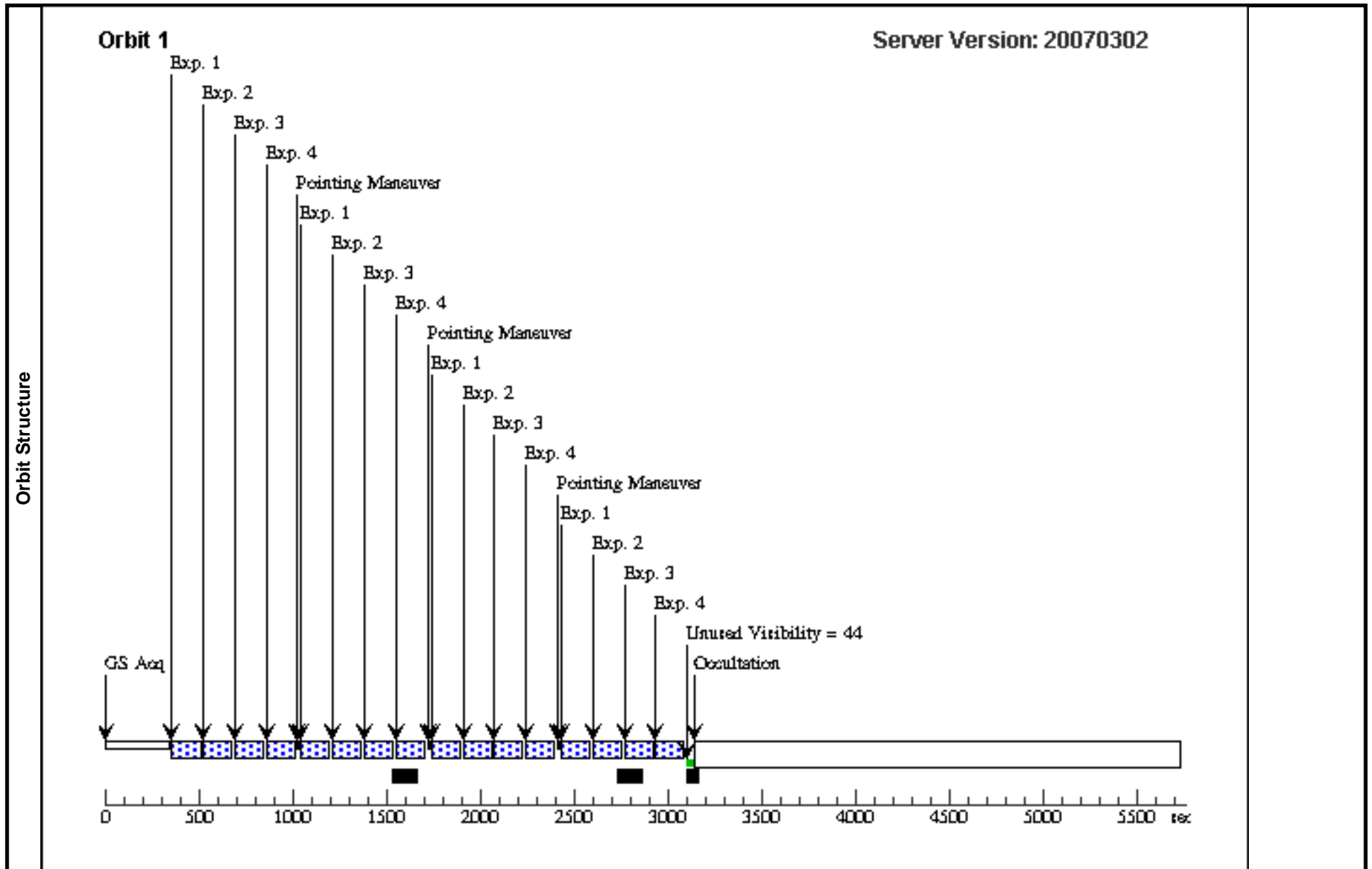
Visit	<b>Proposal 10859, Visit 06, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 01-APR-2007:12:00:00 AND 02-APR-2007:23:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 07 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:05 GMT 2007

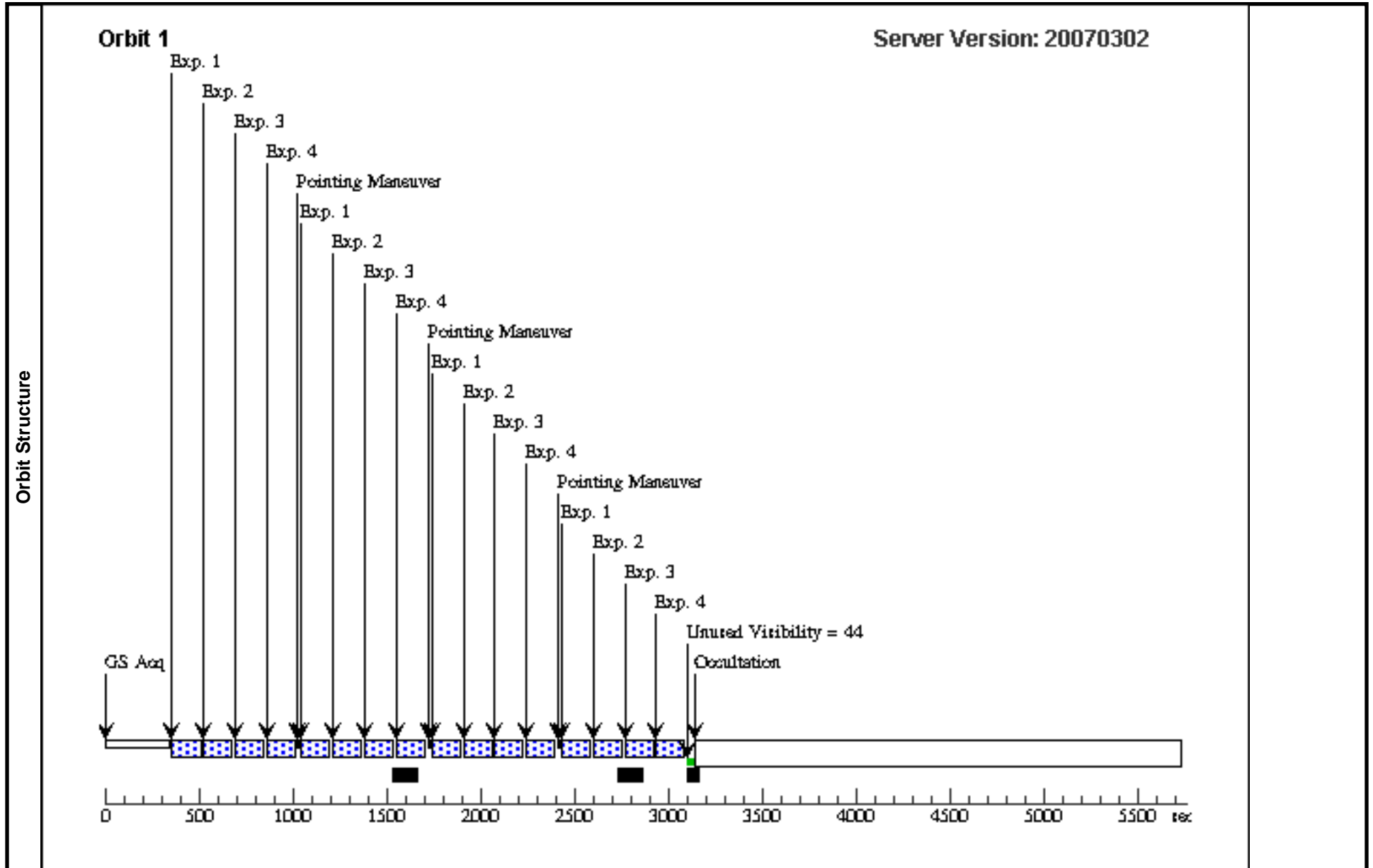
Visit	<b>Proposal 10859, Visit 07, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 01-APR-2007:12:00:00 AND 02-APR-2007:23:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A	RA: 17 45 40.0383 (266.4168262d)		V=35.0	Reference Frame: ICRS				
		Alt Name1: GALACTIC-CENTER	Dec: -29 00 28.07 (-29.00780d)		0.15 mJy in H-band					
			Equinox: J2000							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 08 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:06 GMT 2007

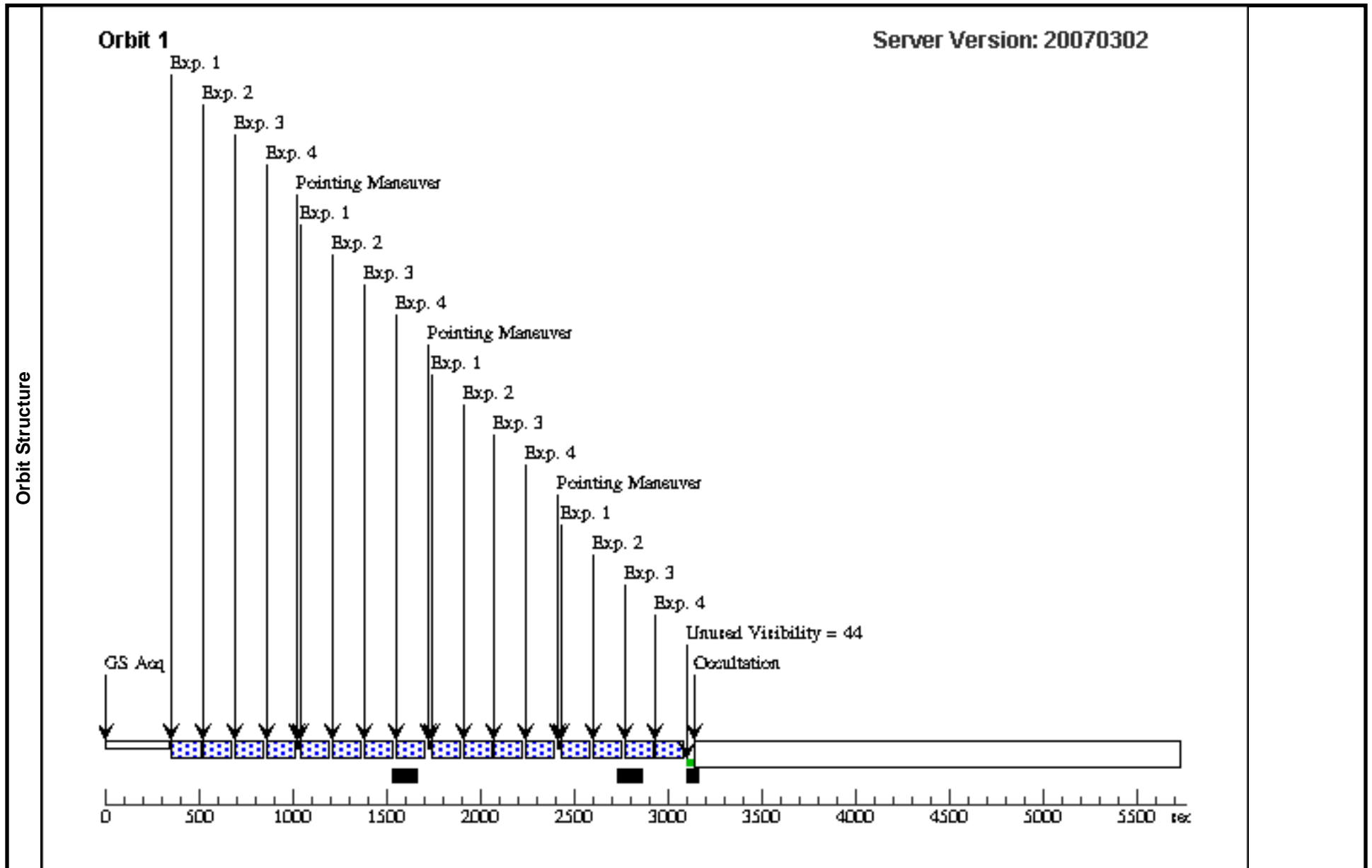
Visit	<b>Proposal 10859, Visit 08, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 01-APR-2007:12:00:00 AND 02-APR-2007:23:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 09 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:07 GMT 2007

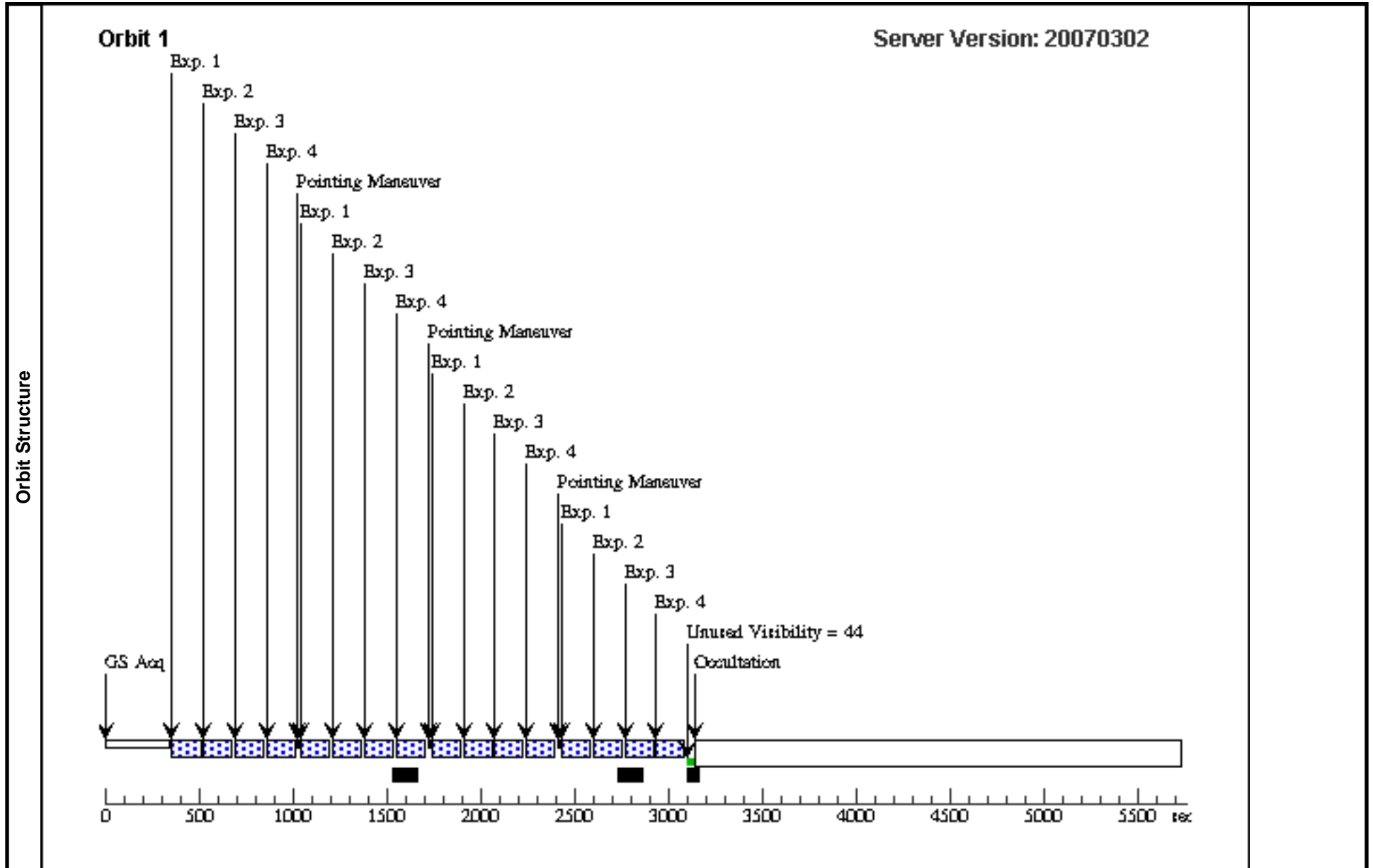
Visit	<b>Proposal 10859, Visit 09, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 01-APR-2007:12:00:00 AND 02-APR-2007:23:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A	RA: 17 45 40.0383 (266.4168262d)		V=35.0	Reference Frame: ICRS				
		Alt Name1: GALACTIC-CENTER	Dec: -29 00 28.07 (-29.00780d)		0.15 mJy in H-band					
			Equinox: J2000							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 10 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:08 GMT 2007

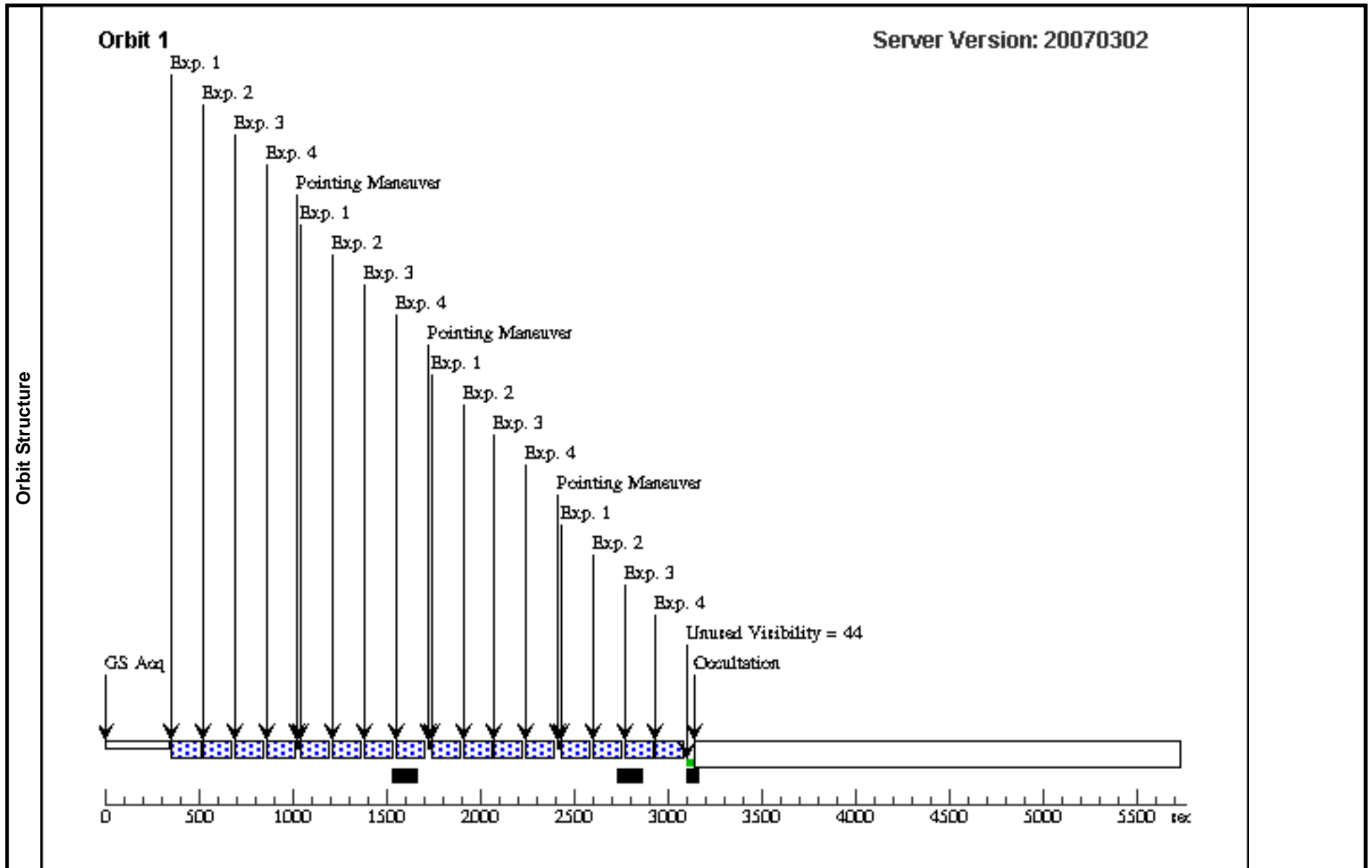
Visit	<b>Proposal 10859, Visit 10, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 01-APR-2007:12:00:00 AND 02-APR-2007:23:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 11 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:09 GMT 2007

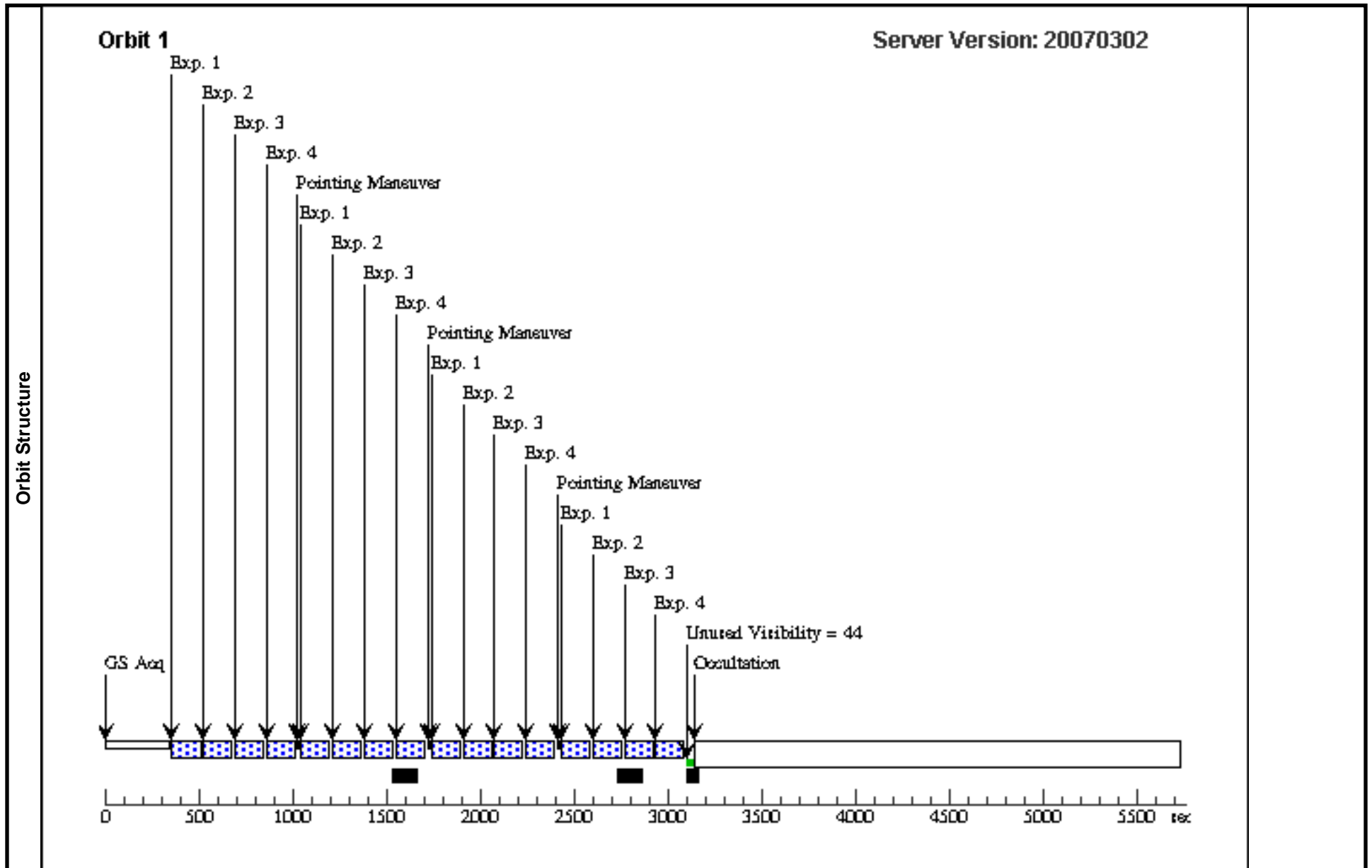
Visit	<b>Proposal 10859, Visit 11, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 01-APR-2007:12:00:00 AND 02-APR-2007:23:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 12 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:10 GMT 2007

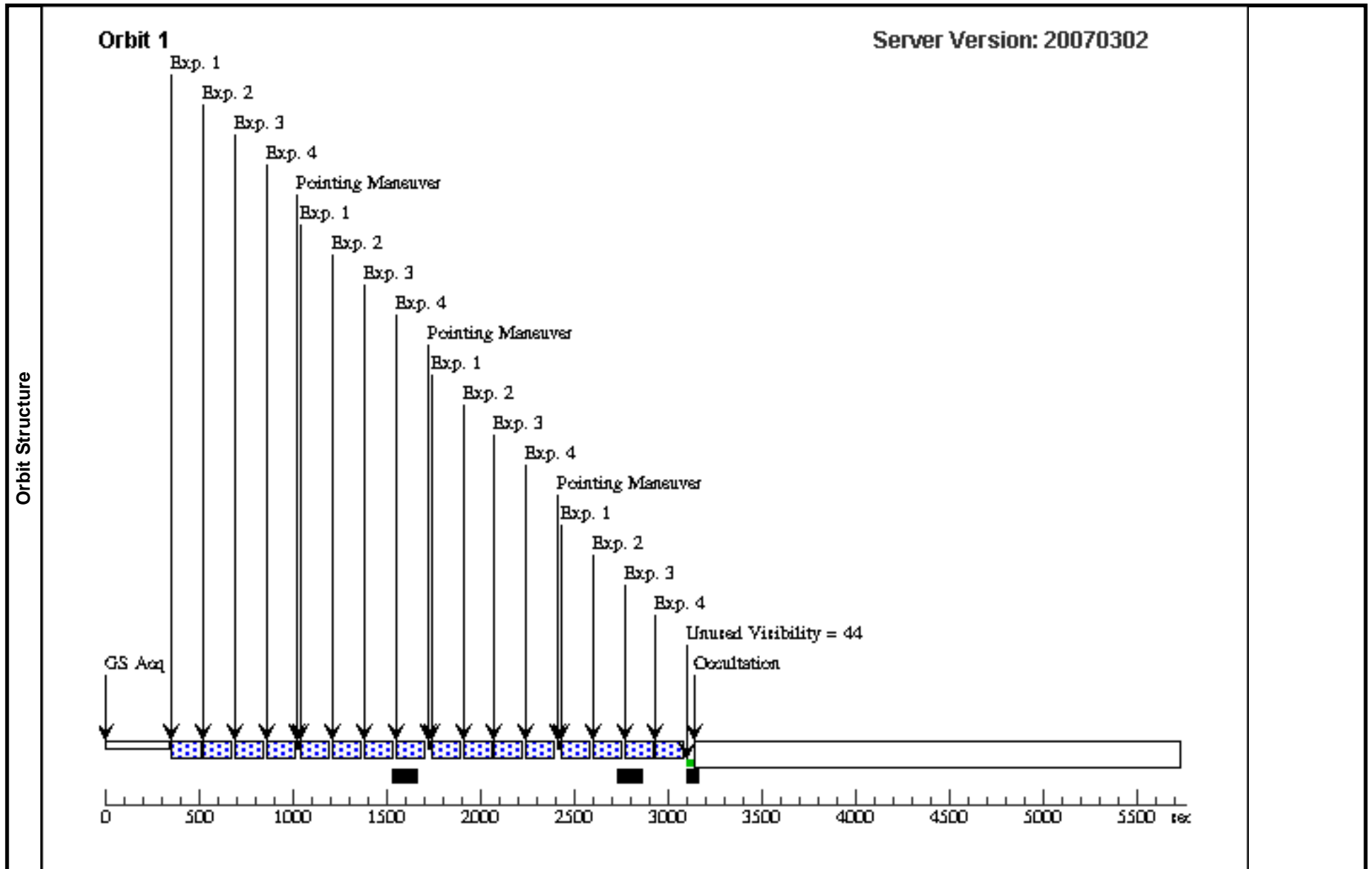
Visit	<b>Proposal 10859, Visit 12, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 01-APR-2007:12:00:00 AND 02-APR-2007:23:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 13 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:10 GMT 2007

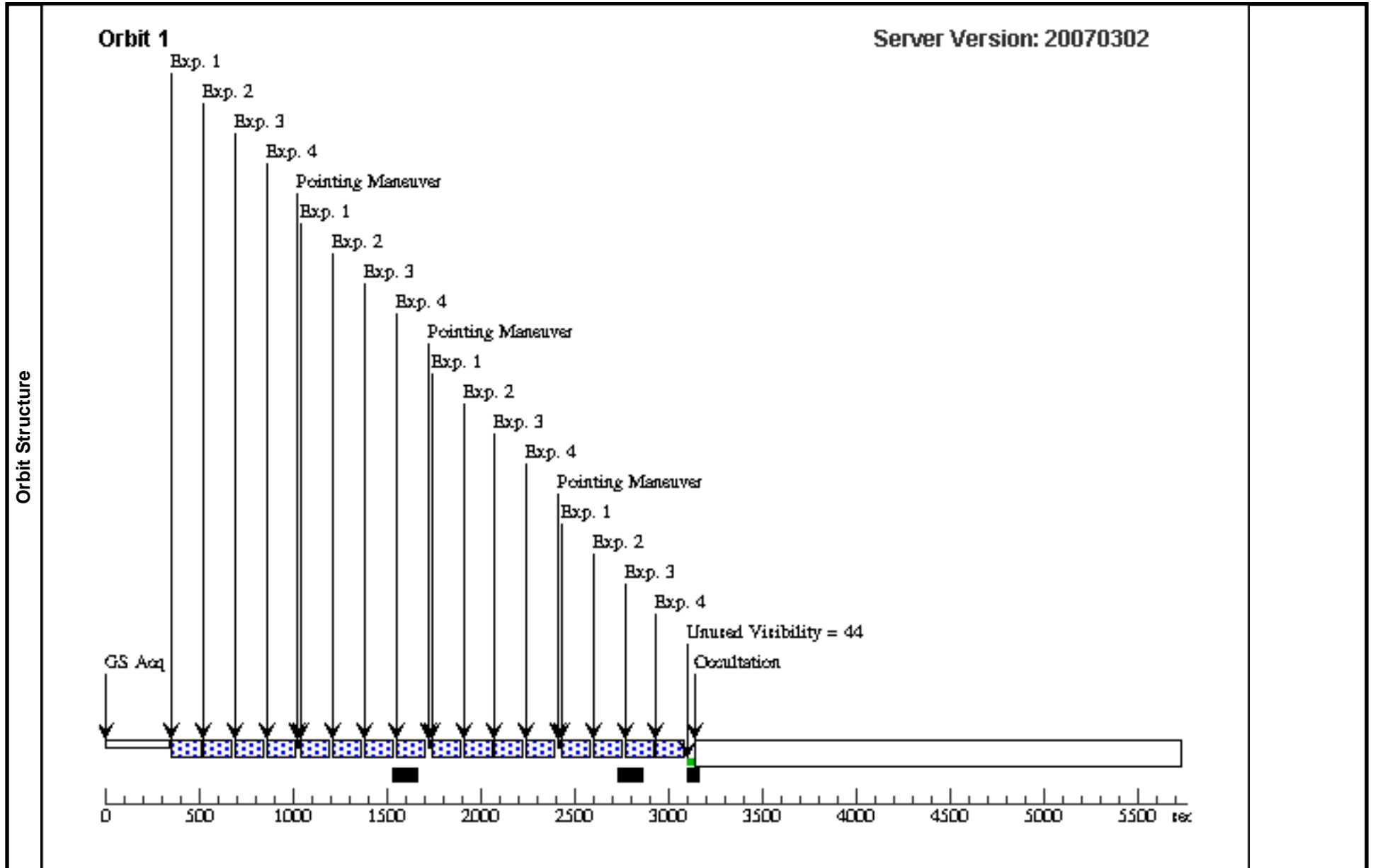
Visit	<b>Proposal 10859, Visit 13, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 05-APR-2007:00:00:00 AND 06-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 14 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:11 GMT 2007

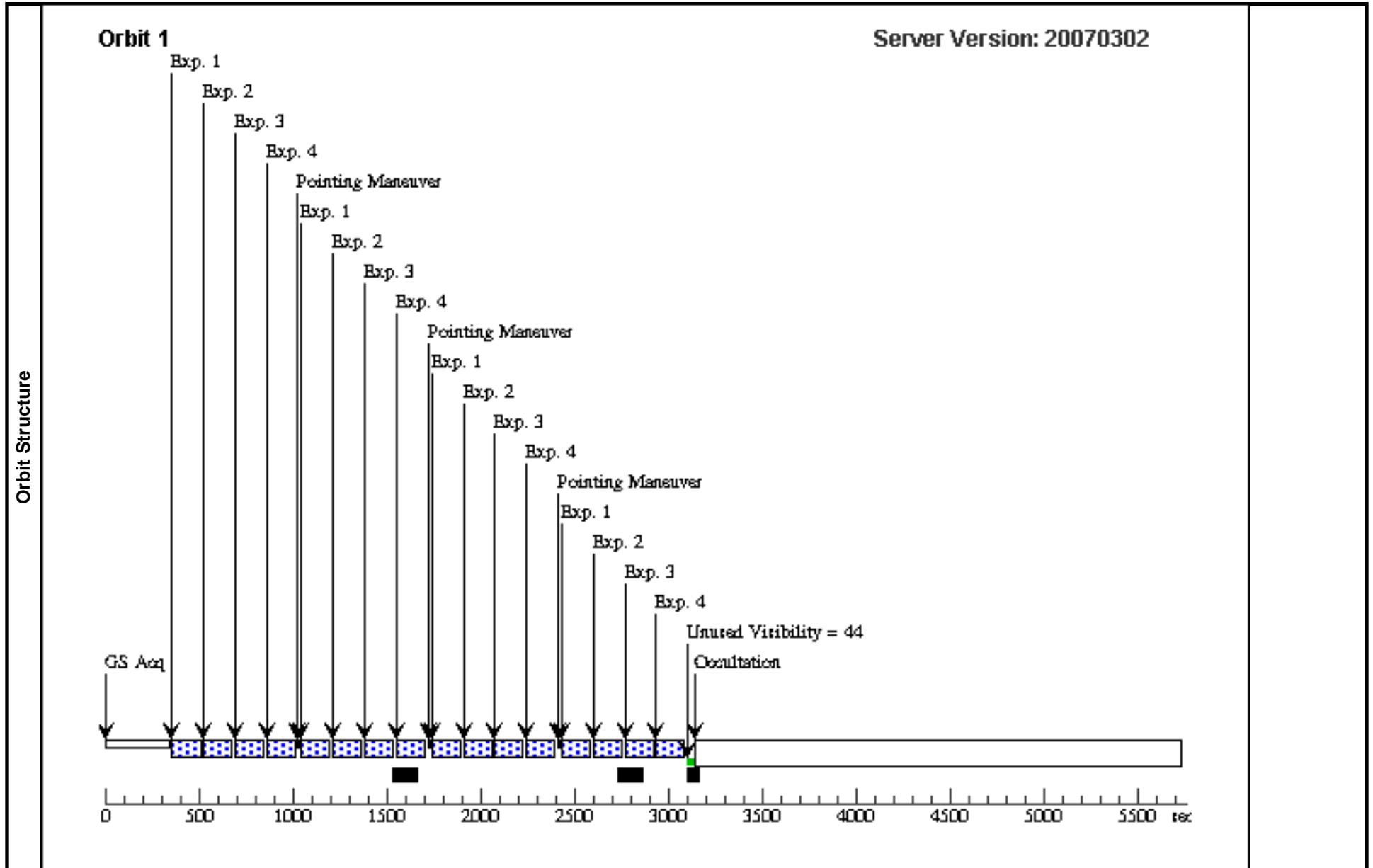
Visit	<b>Proposal 10859, Visit 14, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 05-APR-2007:00:00:00 AND 06-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 15 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:11 GMT 2007

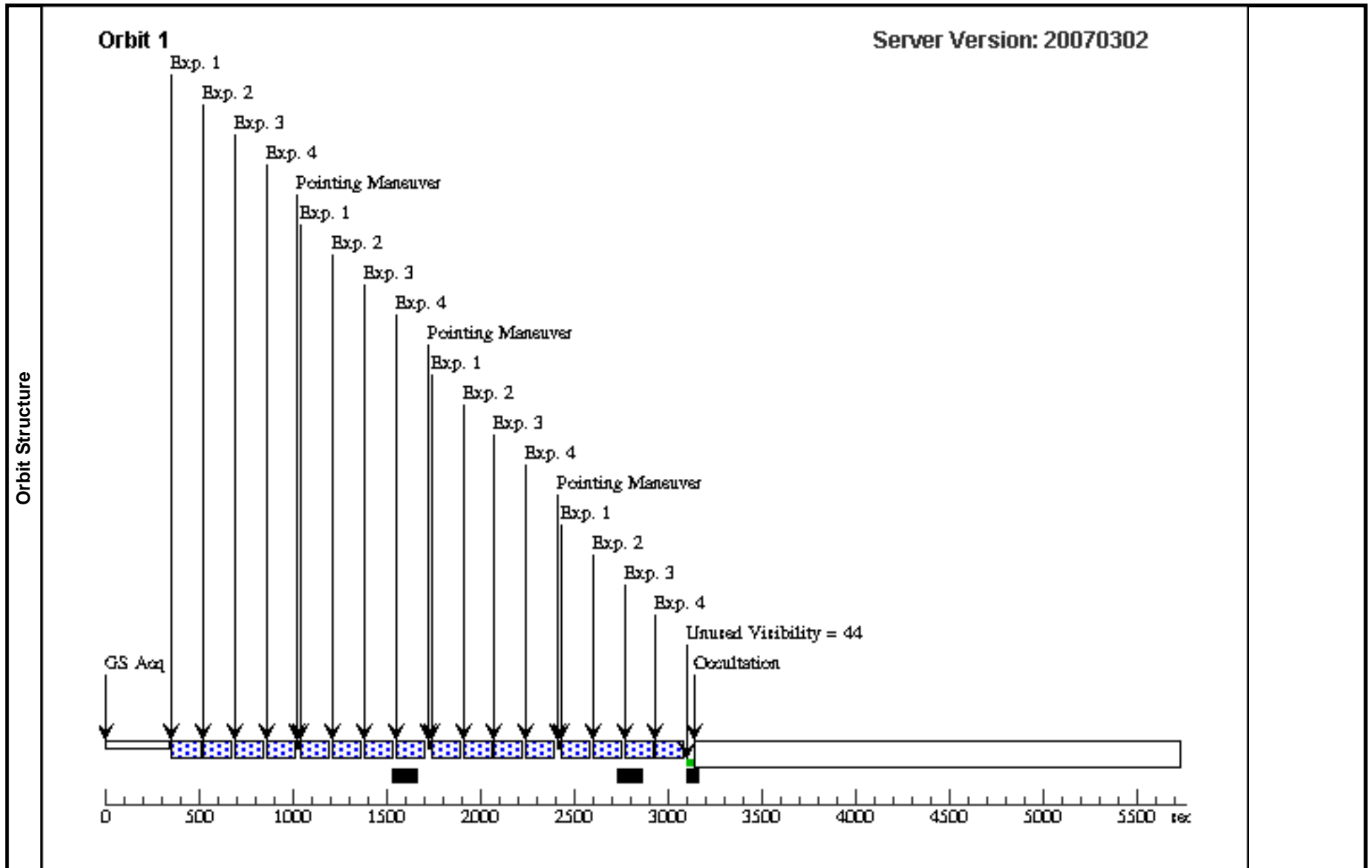
Visit	<b>Proposal 10859, Visit 15, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 05-APR-2007:00:00:00 AND 06-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 16 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:12 GMT 2007

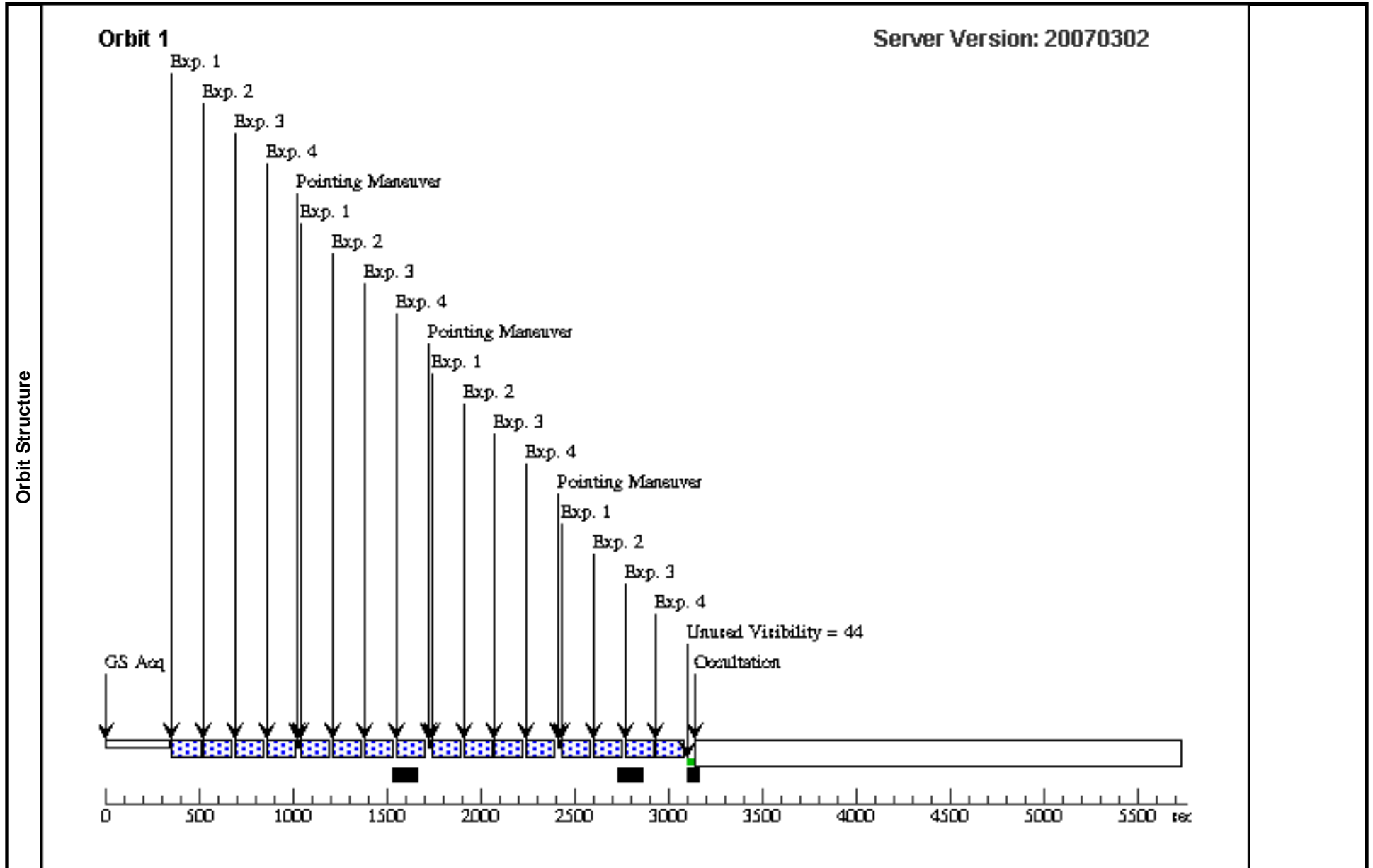
Visit	<b>Proposal 10859, Visit 16, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 05-APR-2007:00:00:00 AND 06-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A	RA: 17 45 40.0383 (266.4168262d)		V=35.0	Reference Frame: ICRS				
		Alt Name1: GALACTIC-CENTER	Dec: -29 00 28.07 (-29.00780d)		0.15 mJy in H-band					
			Equinox: J2000							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 17 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:12 GMT 2007

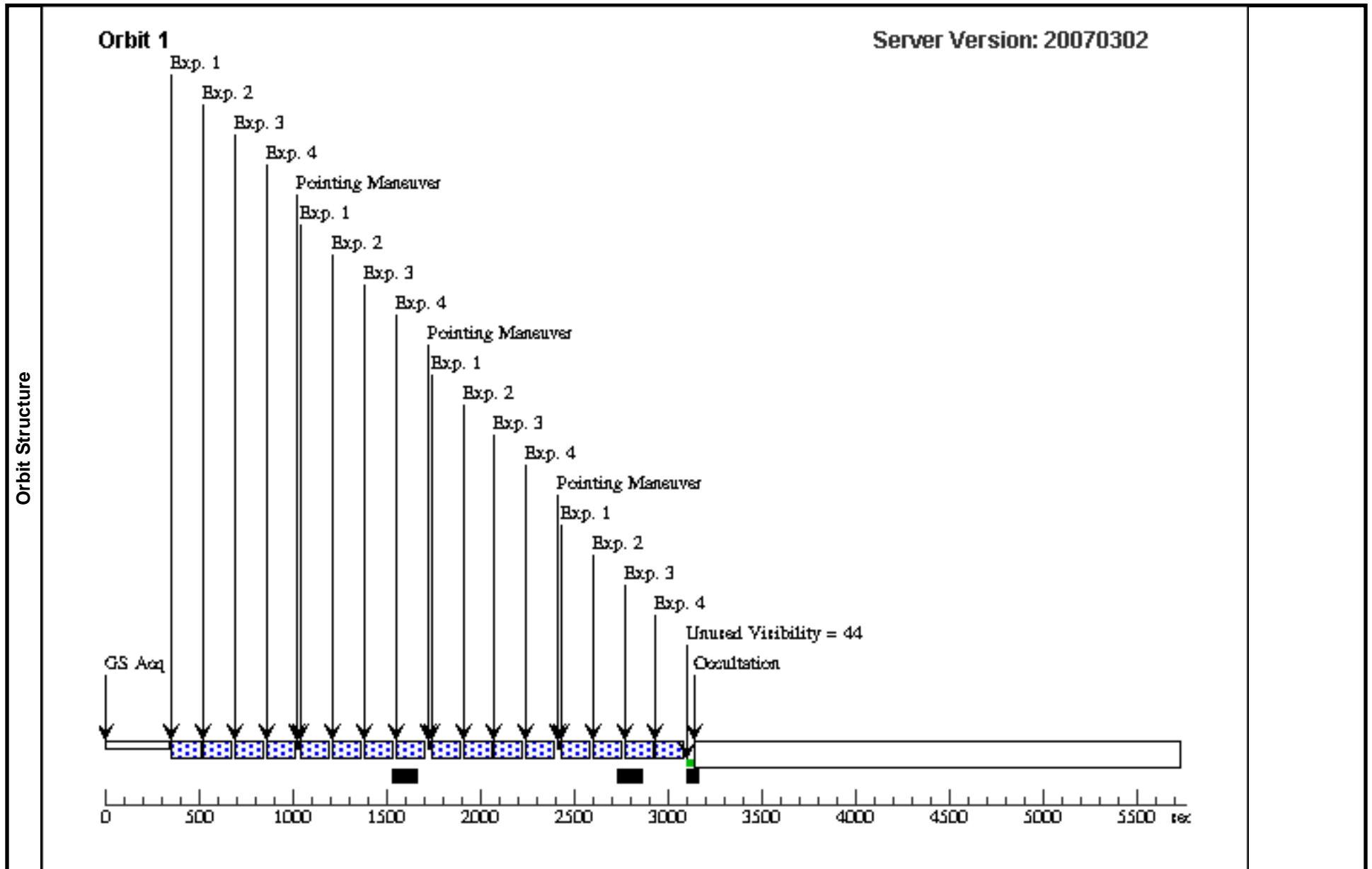
Visit	<b>Proposal 10859, Visit 17, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 05-APR-2007:00:00:00 AND 06-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 18 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:13 GMT 2007

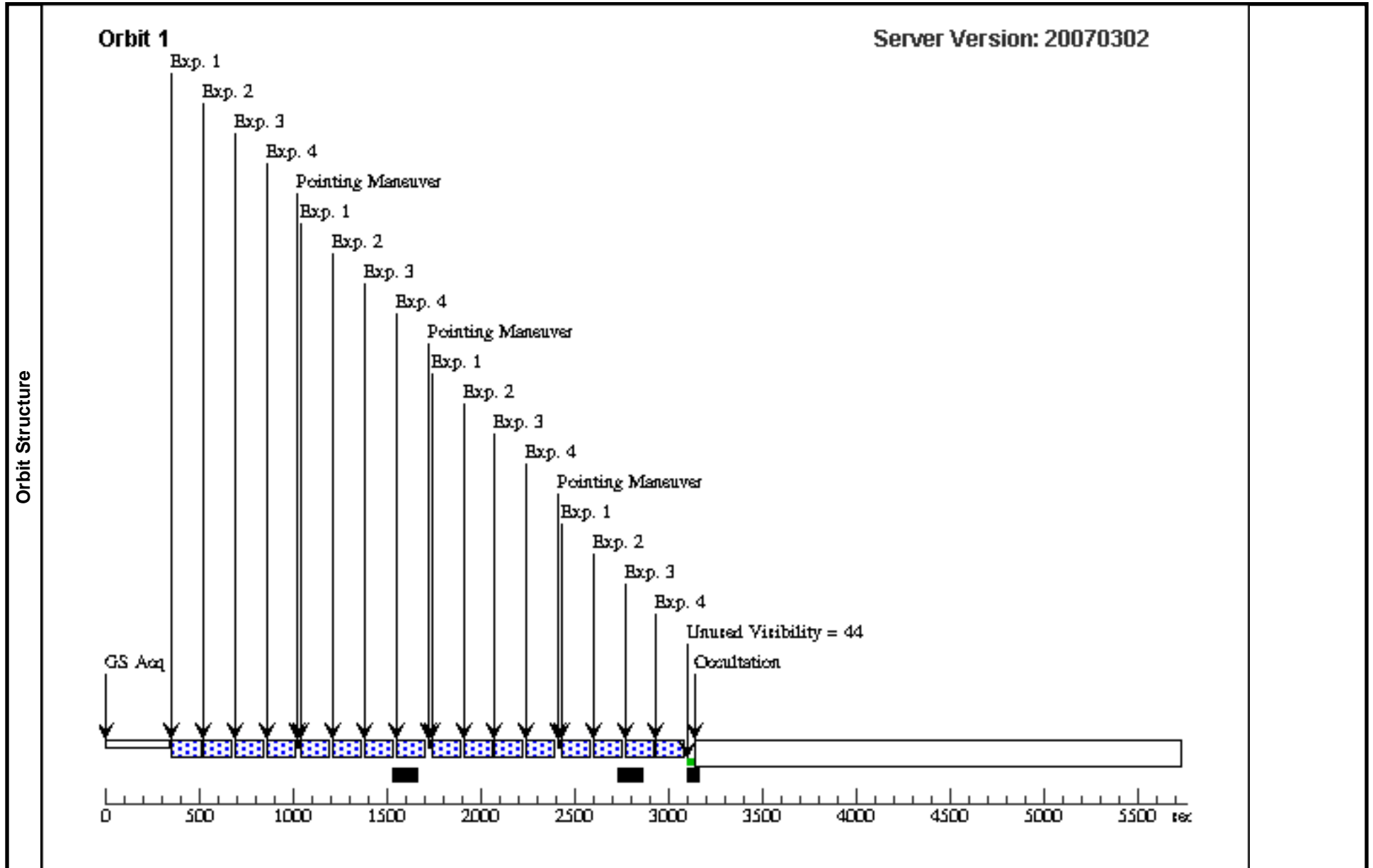
Visit	<b>Proposal 10859, Visit 18, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 05-APR-2007:00:00:00 AND 06-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 19 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:13 GMT 2007

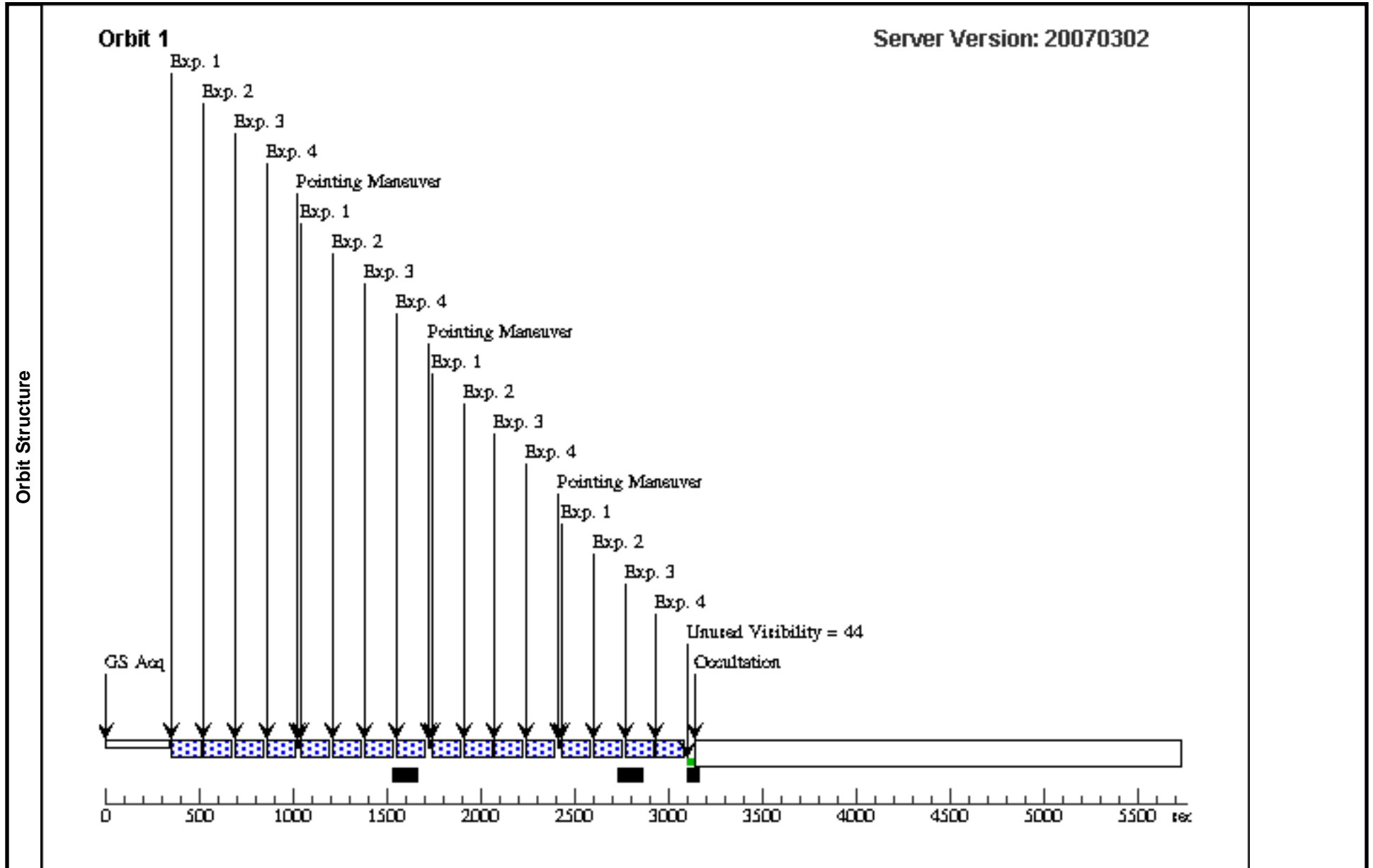
Visit	<b>Proposal 10859, Visit 19, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 06-APR-2007:00:00:00 AND 07-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 20 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:14 GMT 2007

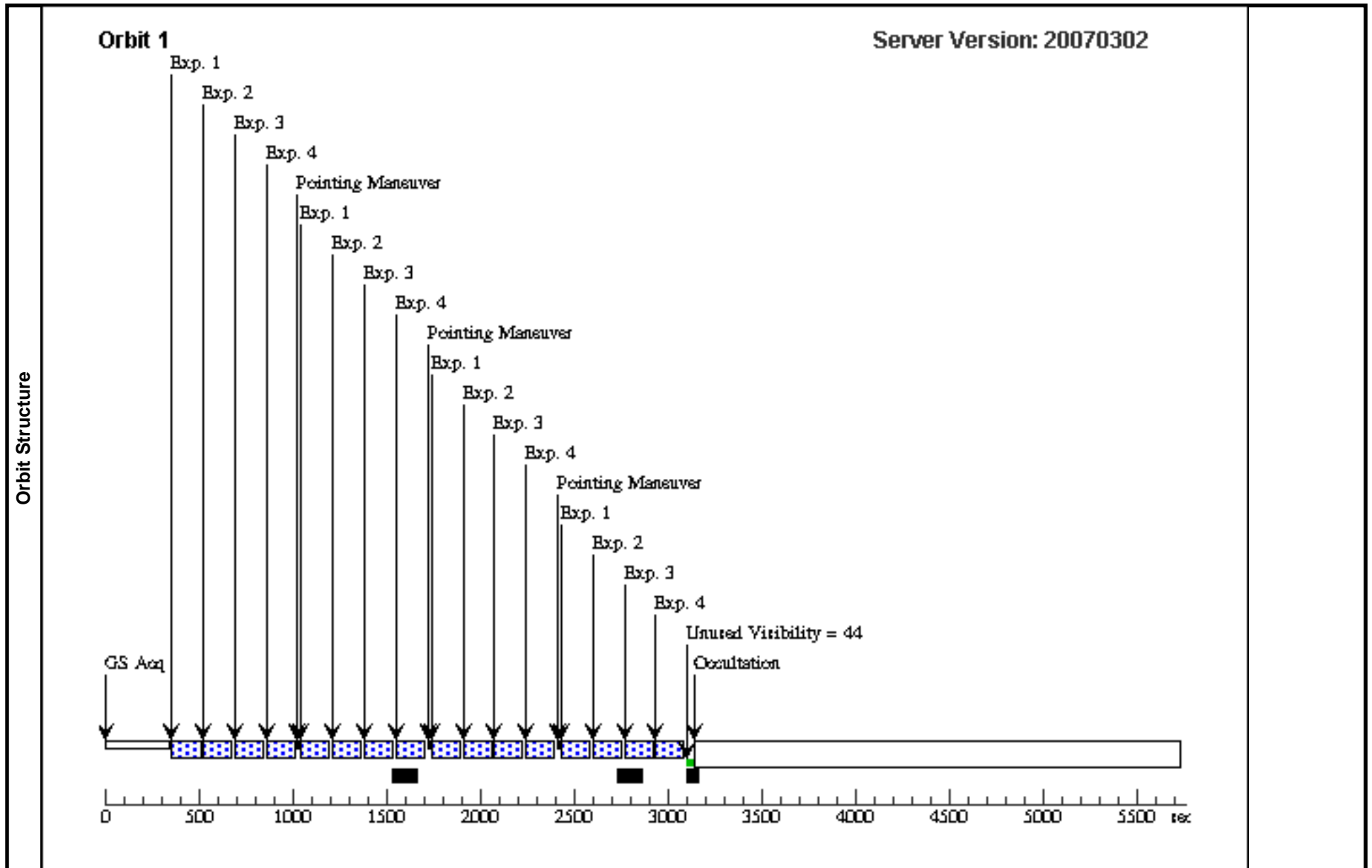
Visit	<b>Proposal 10859, Visit 20, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 06-APR-2007:00:00:00 AND 07-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the first 20 visits/orbits as possible should be scheduled within the first XMM observing window, which runs from 01-Apr-2007 14:06 through 02-Apr-2007 20:17 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 21 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:15 GMT 2007

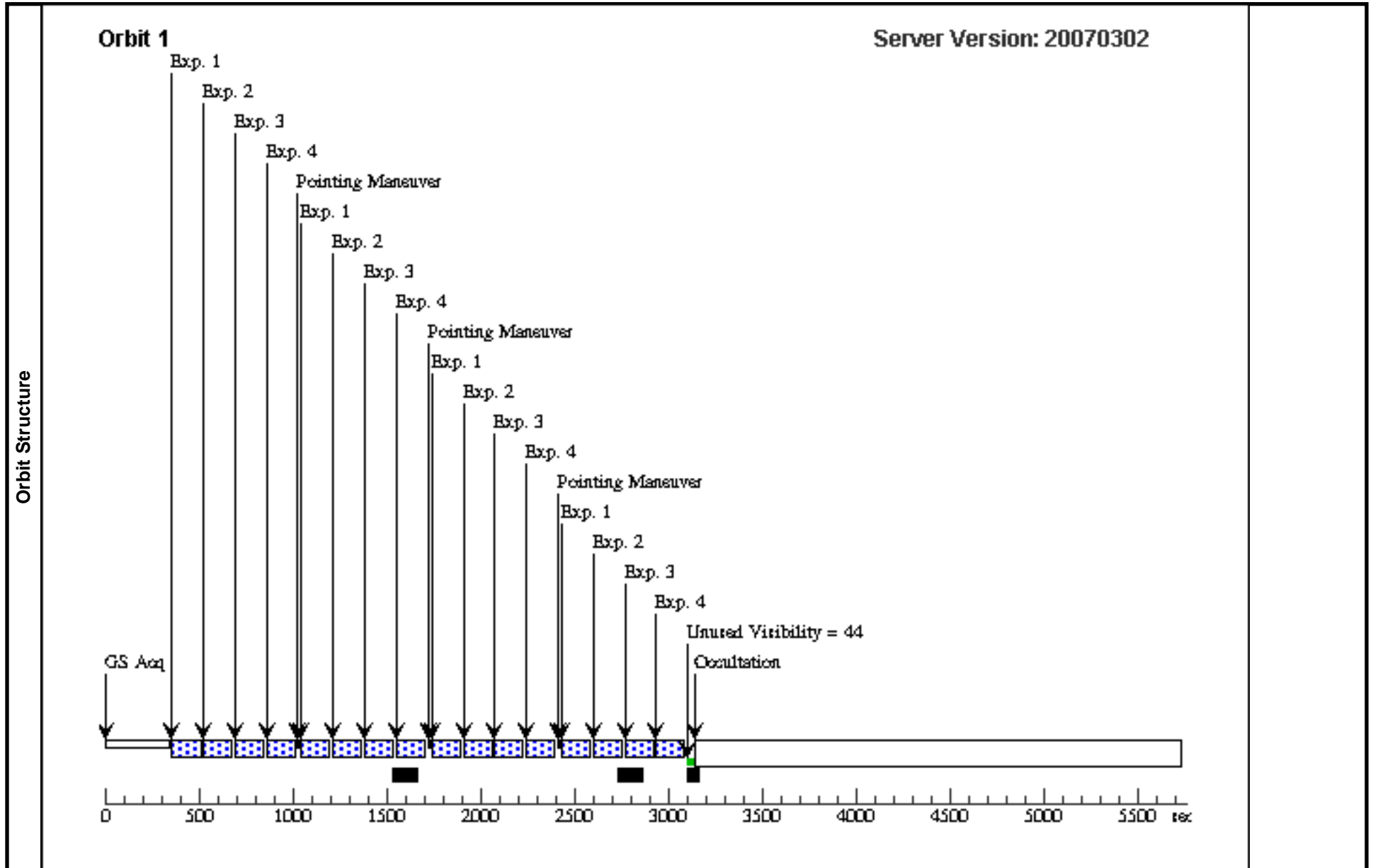
Visit	<b>Proposal 10859, Visit 21, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 03-APR-2007:10:00:00 AND 04-APR-2007:22:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 22 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:16 GMT 2007

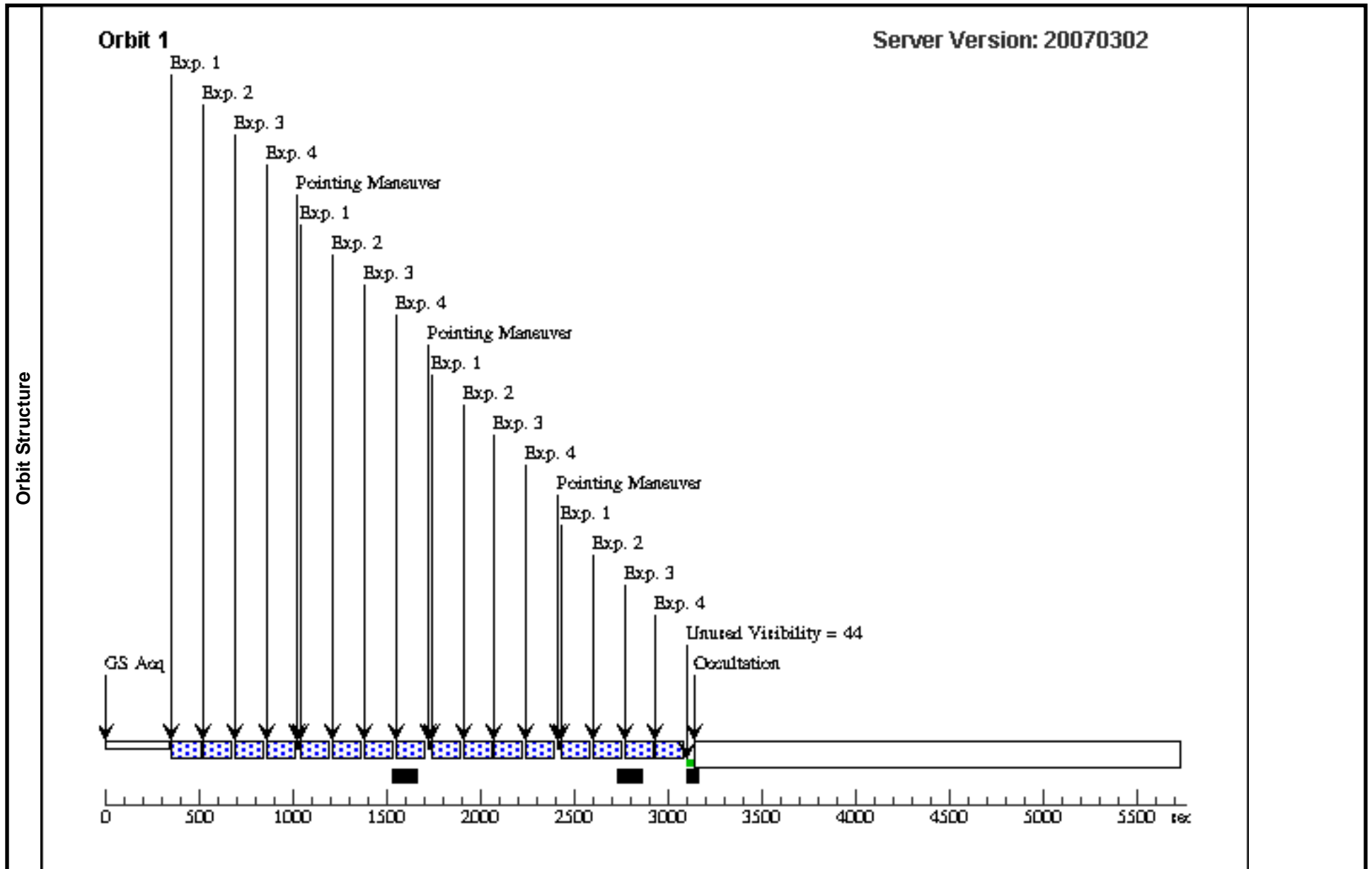
Visit	<b>Proposal 10859, Visit 22, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 03-APR-2007:10:00:00 AND 04-APR-2007:22:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=BOX	Coordinate Frame=POS-TARG						(1-4)	
		Purpose=DITHER	Pattern Orientation=120								
		Number Of Points=4	Angle Between Sides=90								
		Point Spacing=0.635	Center Pattern=false								
		Line Spacing=0.635									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SGR-A	RA: 17 45 40.0383 (266.4168262d)				V=35.0		Reference Frame: ICRS		
		Alt Name1: GALACTIC-CENTER	Dec: -29 00 28.07 (-29.00780d)				0.15 mJy in H-band				
			Equinox: J2000								
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 23 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:16 GMT 2007

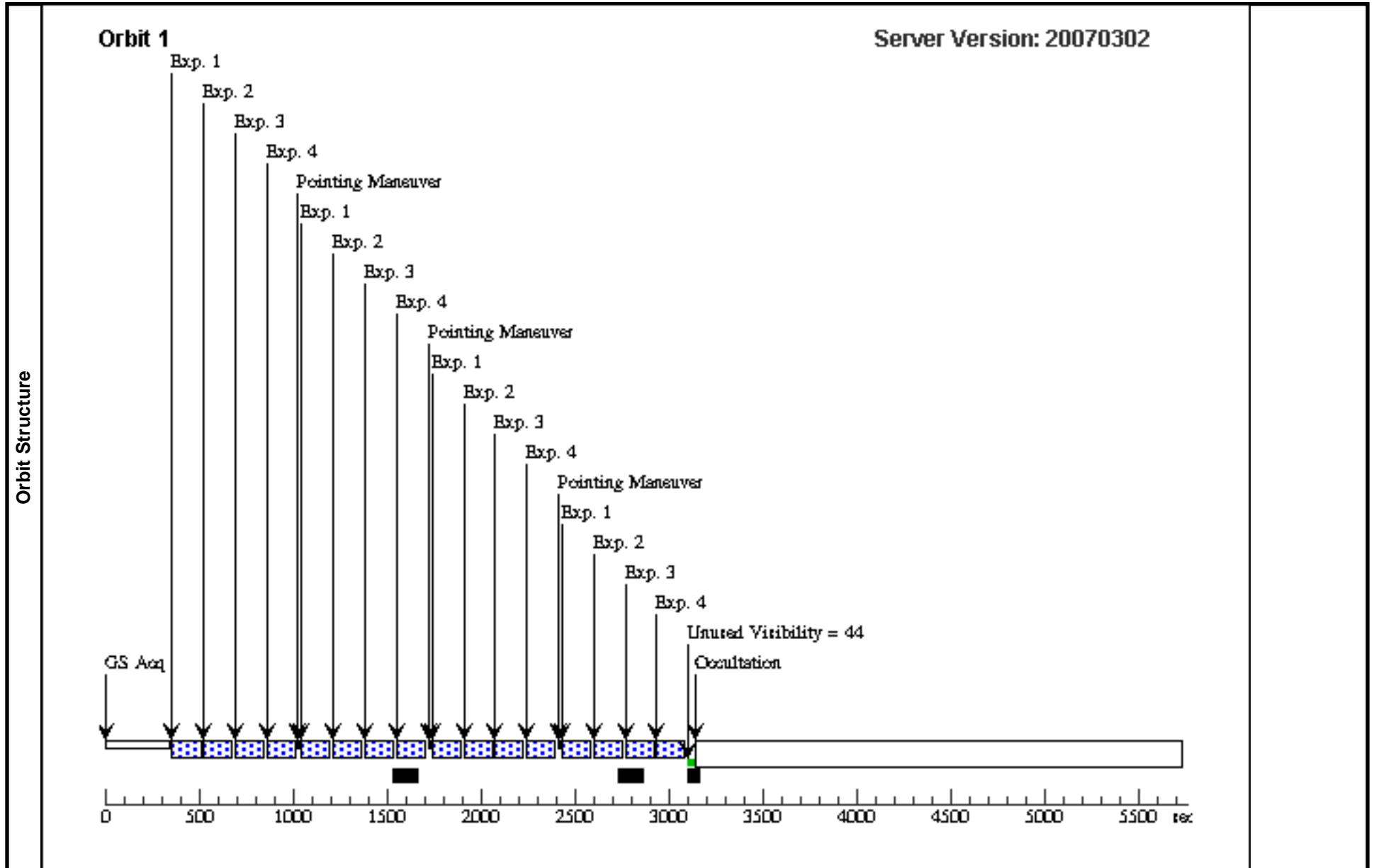
Visit	<b>Proposal 10859, Visit 23, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 03-APR-2007:10:00:00 AND 04-APR-2007:22:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 24 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:17 GMT 2007

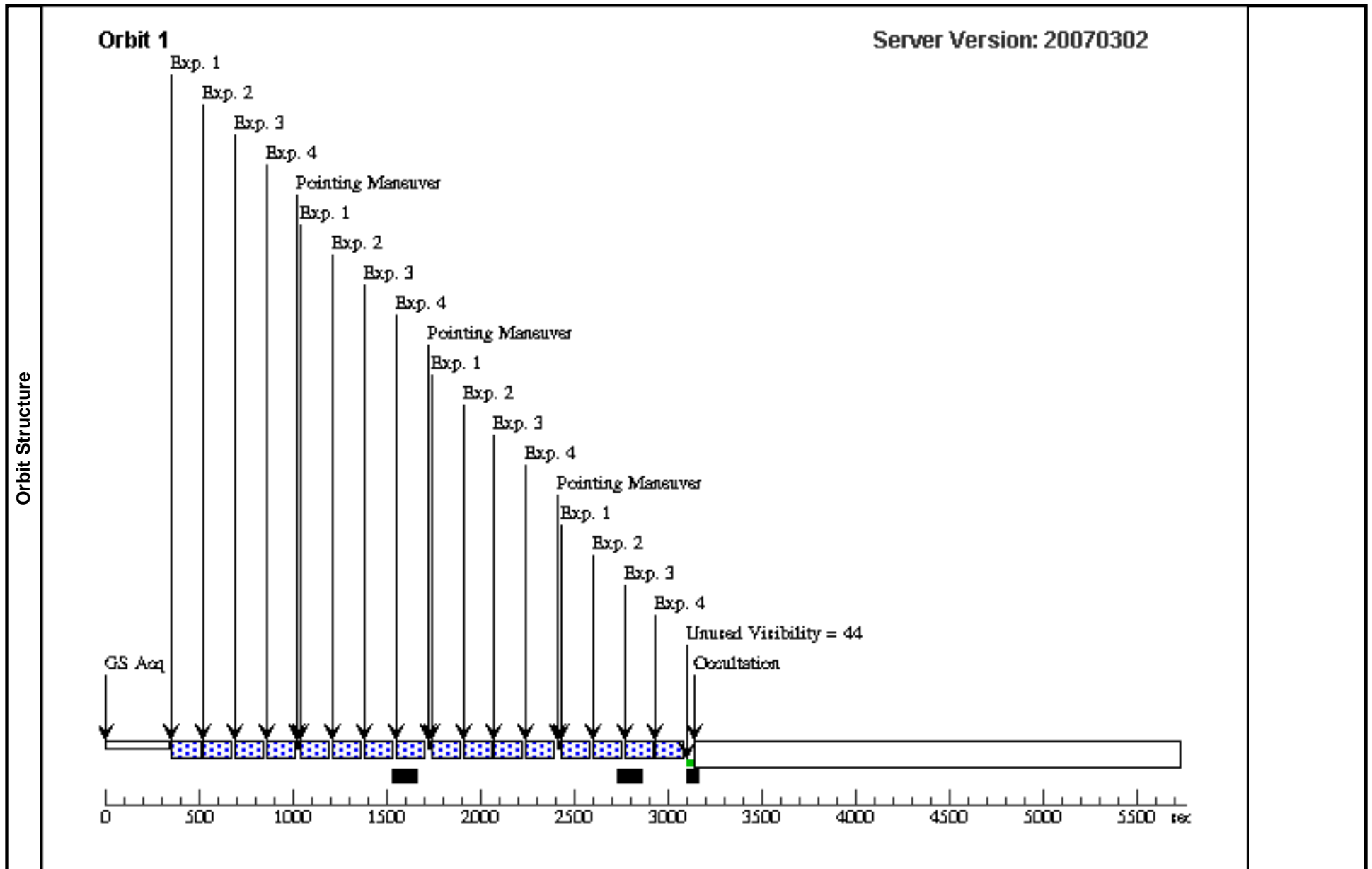
Visit	<b>Proposal 10859, Visit 24, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 03-APR-2007:10:00:00 AND 04-APR-2007:22:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=BOX	Coordinate Frame=POS-TARG						(1-4)	
		Purpose=DITHER	Pattern Orientation=120								
		Number Of Points=4	Angle Between Sides=90								
		Point Spacing=0.635	Center Pattern=false								
		Line Spacing=0.635									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SGR-A	RA: 17 45 40.0383 (266.4168262d)				V=35.0		Reference Frame: ICRS		
		Alt Name1: GALACTIC-CENTER	Dec: -29 00 28.07 (-29.00780d)				0.15 mJy in H-band				
			Equinox: J2000								
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 25 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:18 GMT 2007

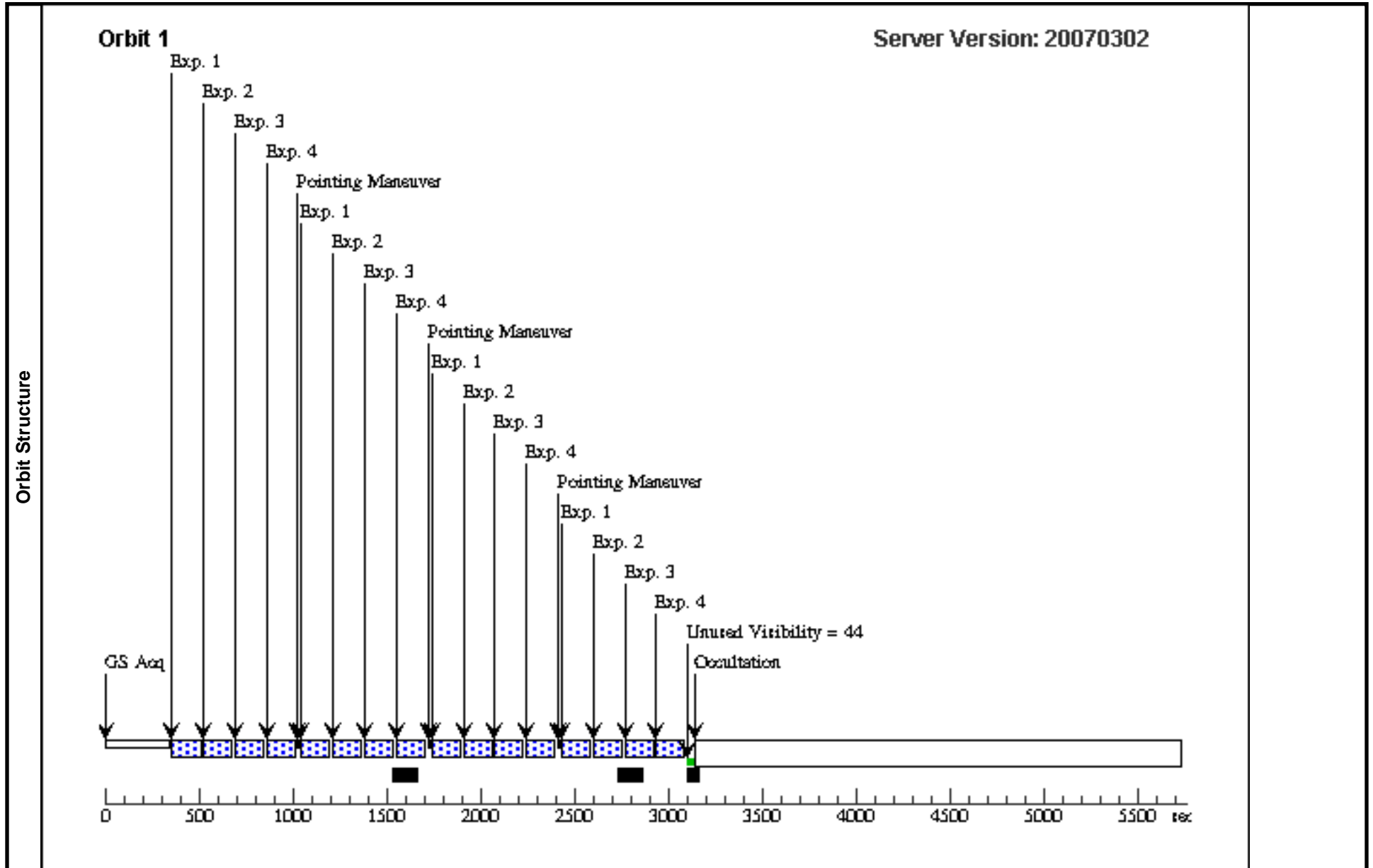
Visit	<b>Proposal 10859, Visit 25, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 03-APR-2007:10:00:00 AND 04-APR-2007:22:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=BOX	Coordinate Frame=POS-TARG						(1-4)	
		Purpose=DITHER	Pattern Orientation=120								
		Number Of Points=4	Angle Between Sides=90								
		Point Spacing=0.635	Center Pattern=false								
		Line Spacing=0.635									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SGR-A	RA: 17 45 40.0383 (266.4168262d)				V=35.0		Reference Frame: ICRS		
		Alt Name1: GALACTIC-CENTER	Dec: -29 00 28.07 (-29.00780d)				0.15 mJy in H-band				
			Equinox: J2000								
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 26 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:18 GMT 2007

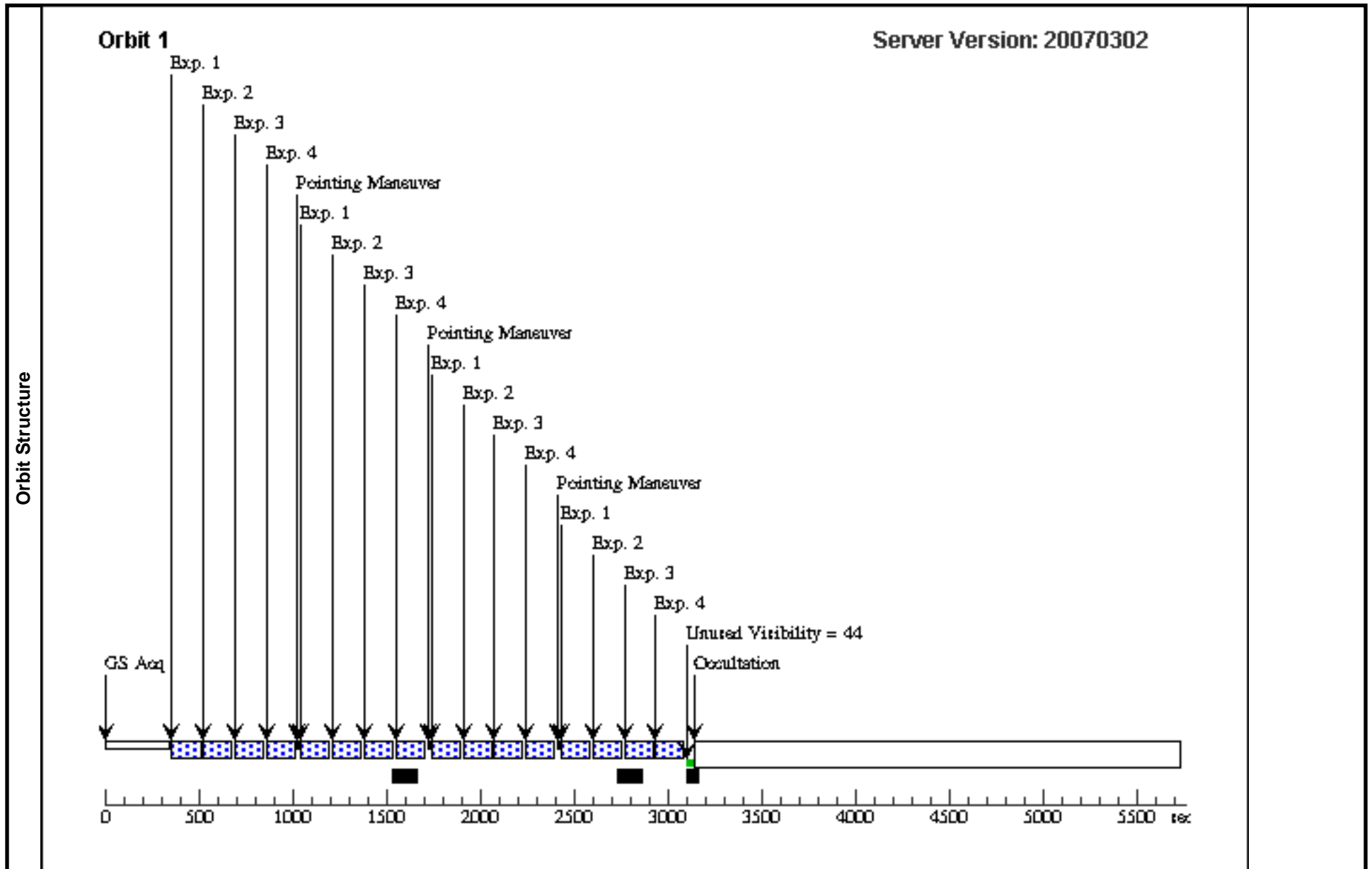
Visit	<b>Proposal 10859, Visit 26, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 03-APR-2007:10:00:00 AND 04-APR-2007:22:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=BOX	Coordinate Frame=POS-TARG						(1-4)	
		Purpose=DITHER	Pattern Orientation=120								
		Number Of Points=4	Angle Between Sides=90								
		Point Spacing=0.635	Center Pattern=false								
		Line Spacing=0.635									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SGR-A	RA: 17 45 40.0383 (266.4168262d)				V=35.0		Reference Frame: ICRS		
		Alt Name1: GALACTIC-CENTER	Dec: -29 00 28.07 (-29.00780d)				0.15 mJy in H-band				
			Equinox: J2000								
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 27 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:19 GMT 2007

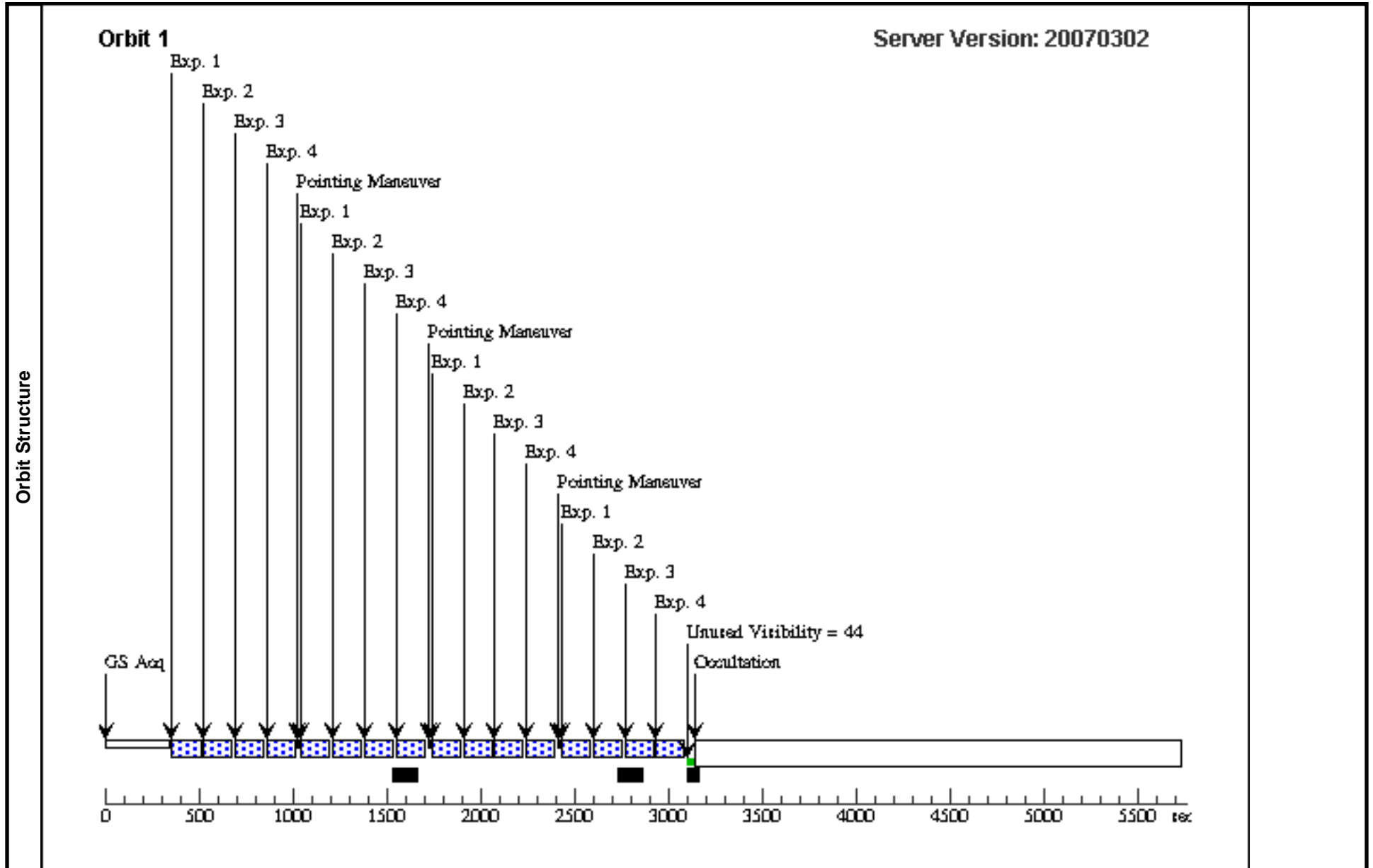
Visit	<b>Proposal 10859, Visit 27, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 03-APR-2007:10:00:00 AND 04-APR-2007:22:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false					(1-4)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000			V=35.0 0.15 mJy in H-band	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 28 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:19 GMT 2007

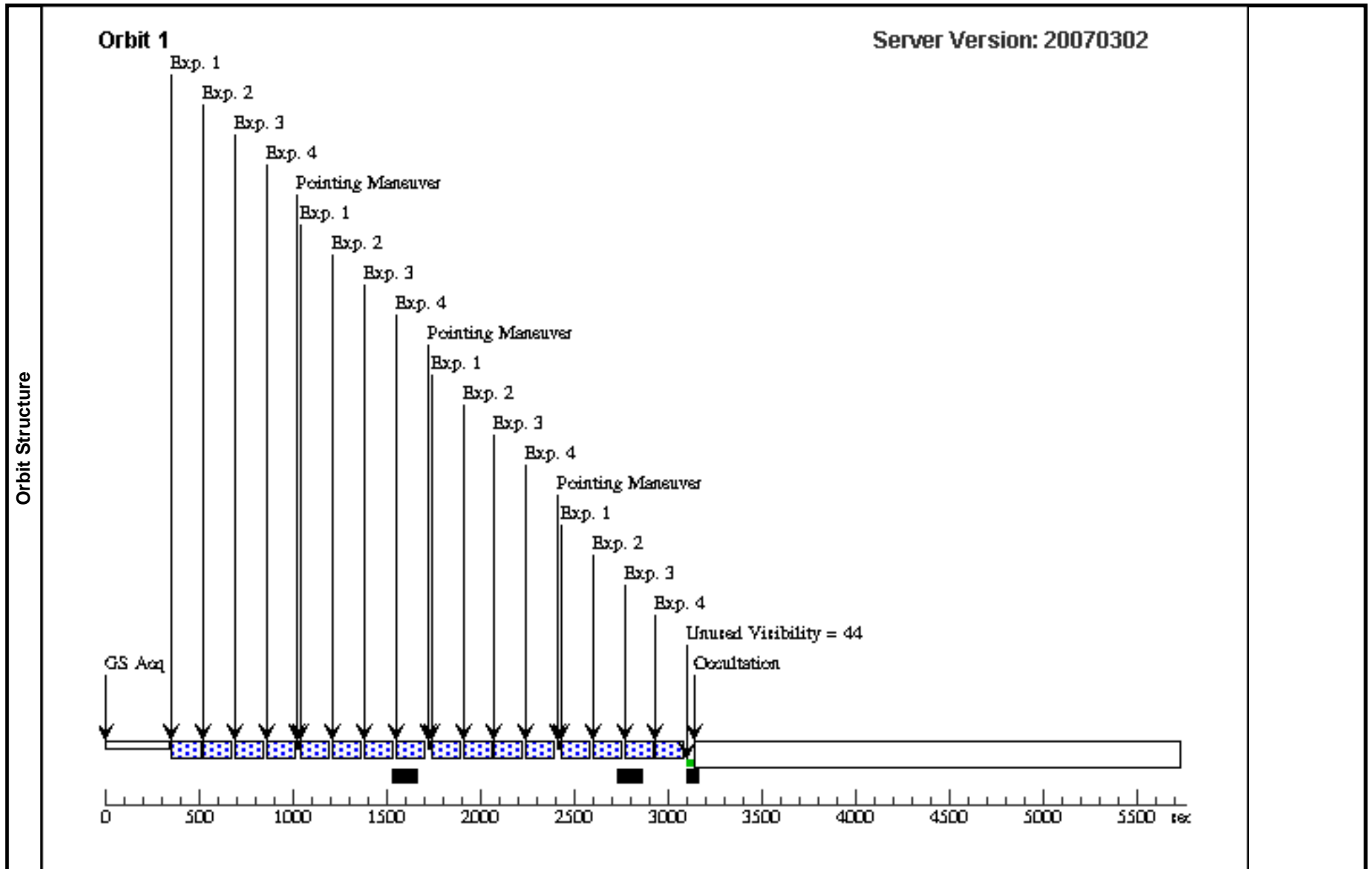
Visit	<b>Proposal 10859, Visit 28, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 03-APR-2007:10:00:00 AND 04-APR-2007:22:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false							(1-4)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000				V=35.0 0.15 mJy in H-band		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 29 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:19 GMT 2007

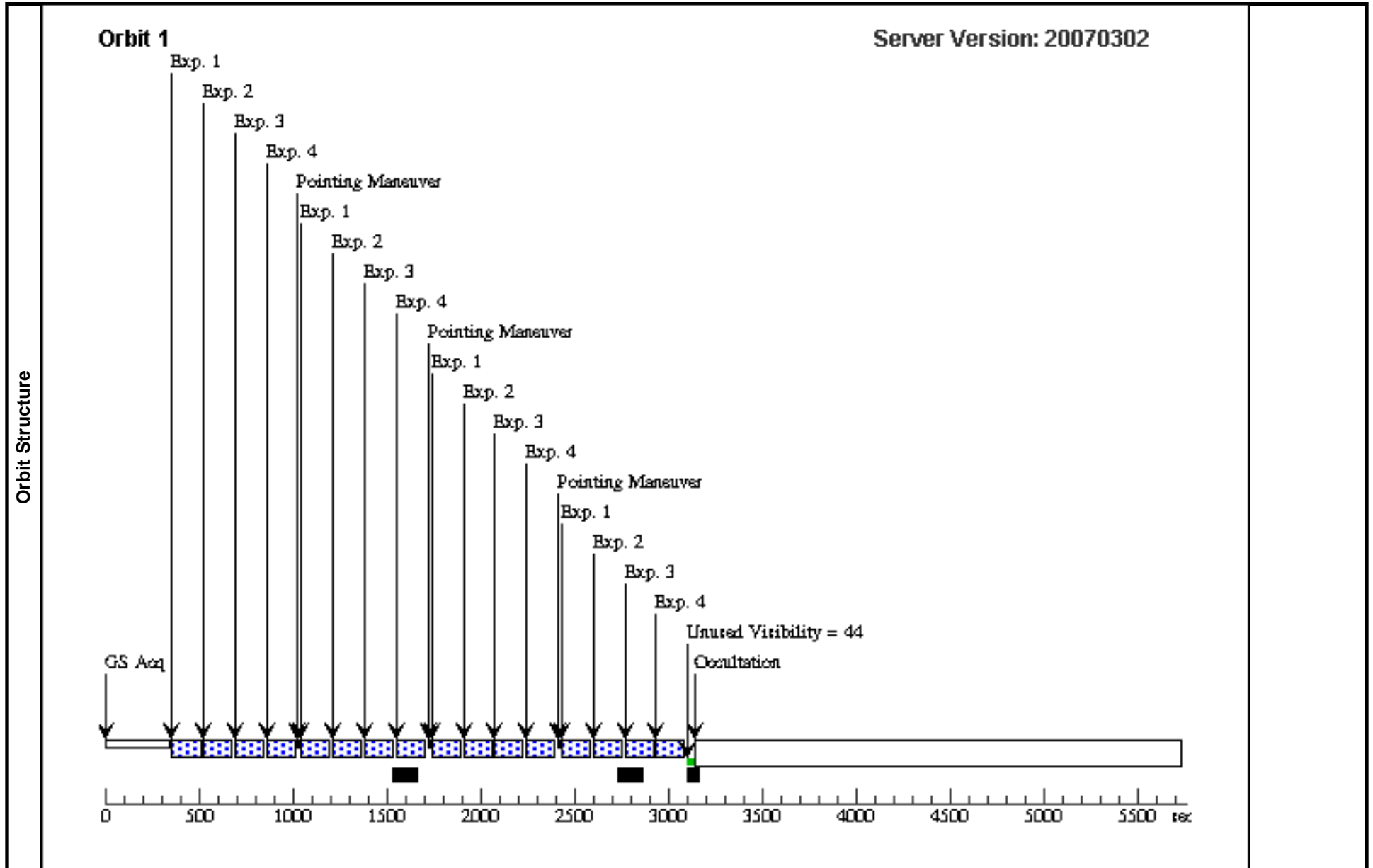
Visit	<b>Proposal 10859, Visit 29, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 03-APR-2007:10:00:00 AND 04-APR-2007:22:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=BOX	Coordinate Frame=POS-TARG						(1-4)
		Purpose=DITHER	Pattern Orientation=120							
		Number Of Points=4	Angle Between Sides=90							
		Point Spacing=0.635	Center Pattern=false							
		Line Spacing=0.635								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	SGR-A	RA: 17 45 40.0383 (266.4168262d)			V=35.0	Reference Frame: ICRS			
		Alt Name1: GALACTIC-CENTER	Dec: -29 00 28.07 (-29.00780d)			0.15 mJy in H-band				
			Equinox: J2000							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 30 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:20 GMT 2007

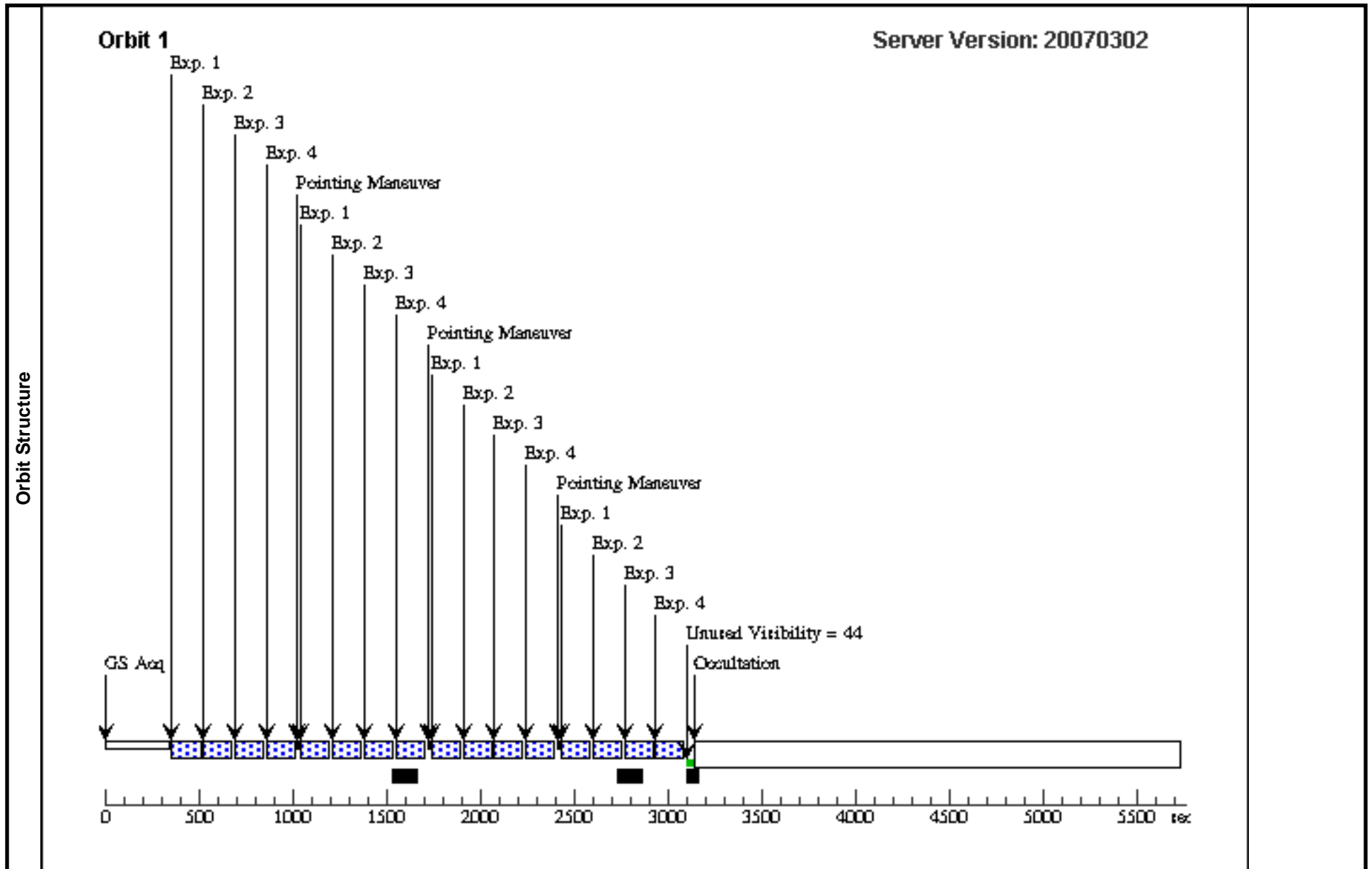
Visit	<b>Proposal 10859, Visit 30, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 03-APR-2007:10:00:00 AND 04-APR-2007:22:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 31 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:21 GMT 2007

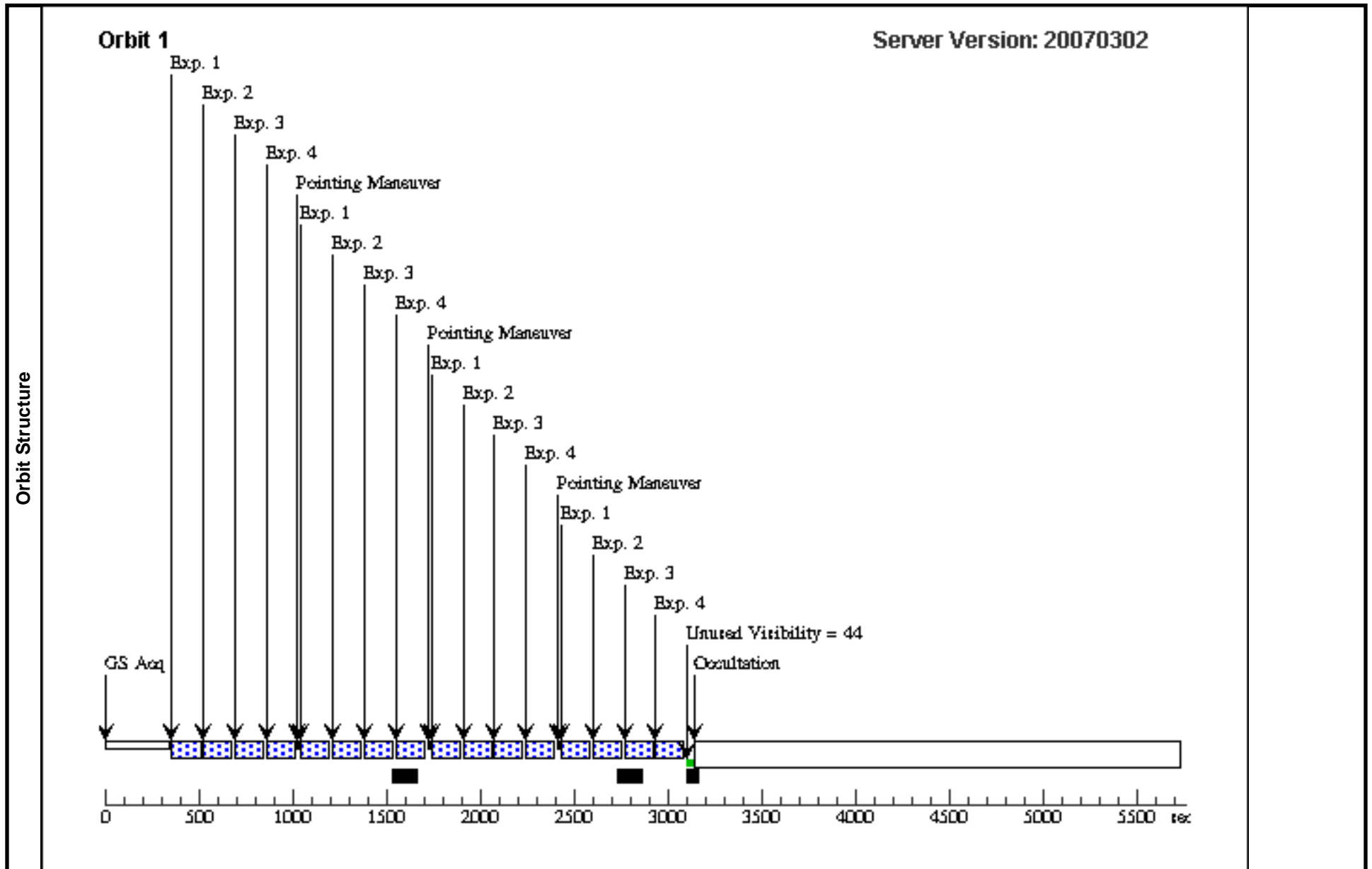
Visit	<b>Proposal 10859, Visit 31, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 03-APR-2007:10:00:00 AND 04-APR-2007:22:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 10859 - Visit 32 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:21 GMT 2007

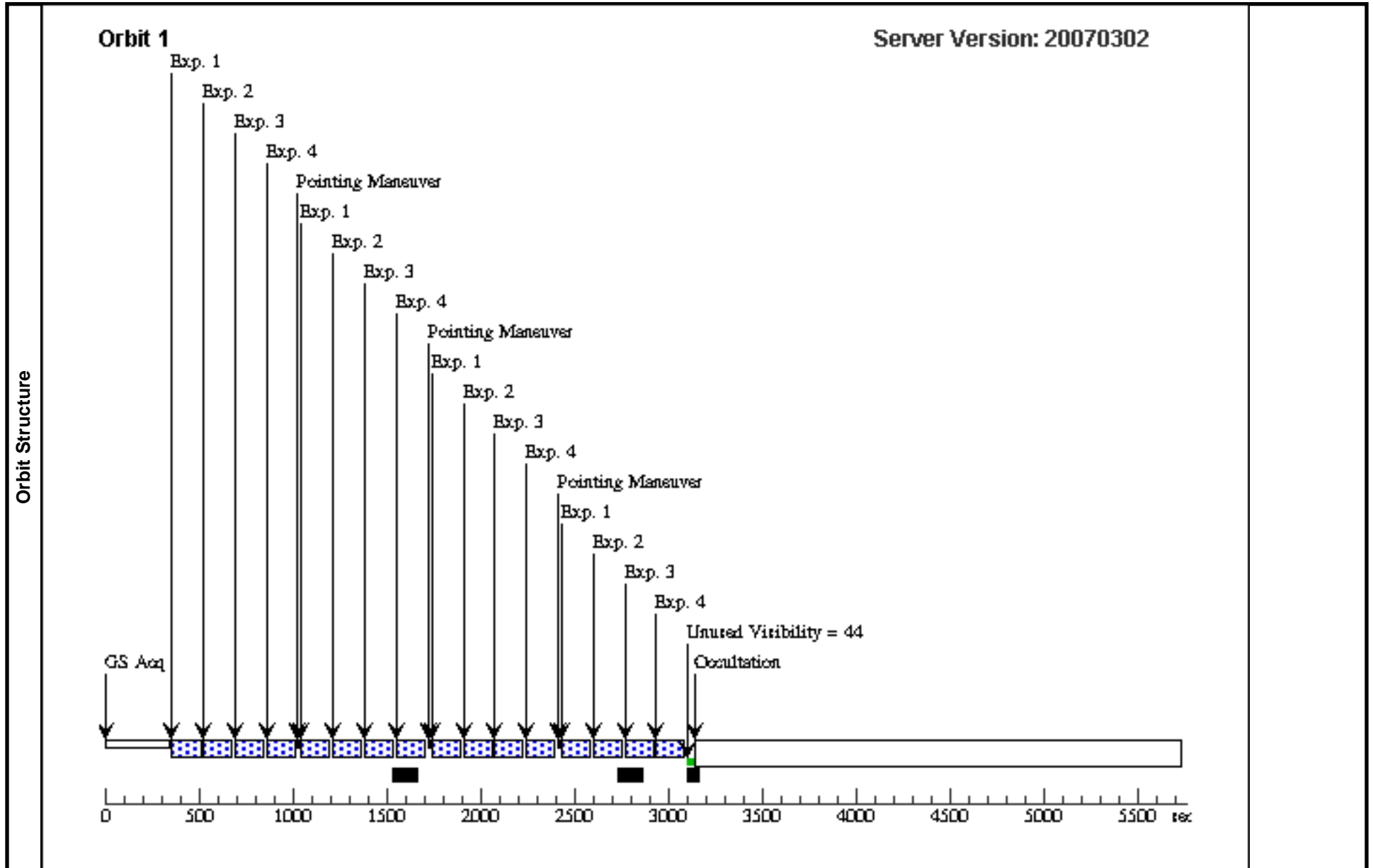
Visit	<b>Proposal 10859, Visit 32, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 06-APR-2007:00:00:00 AND 07-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 33 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:22 GMT 2007

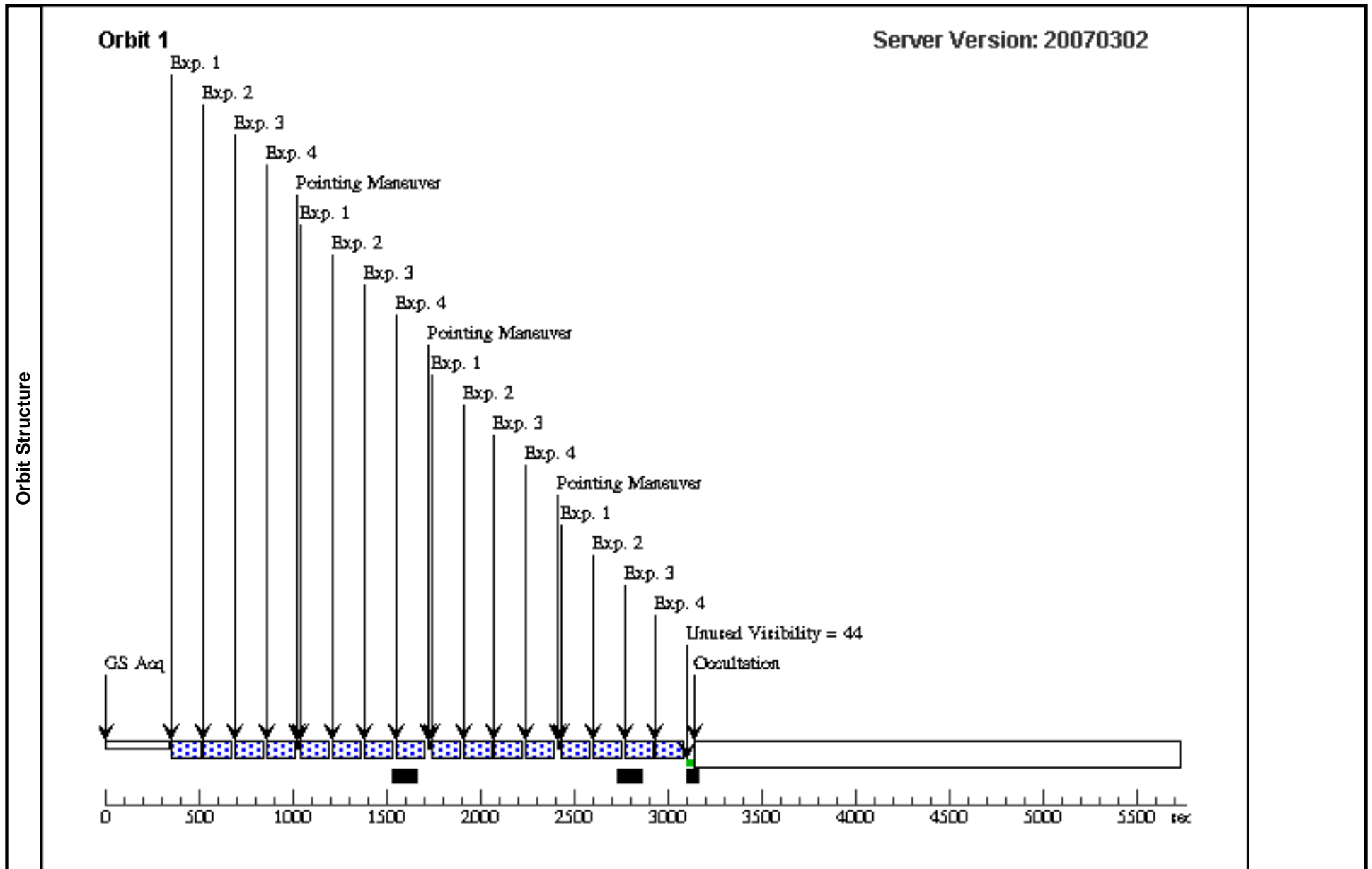
Visit	<b>Proposal 10859, Visit 33, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 06-APR-2007:00:00:00 AND 07-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 10859 - Visit 34 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:22 GMT 2007

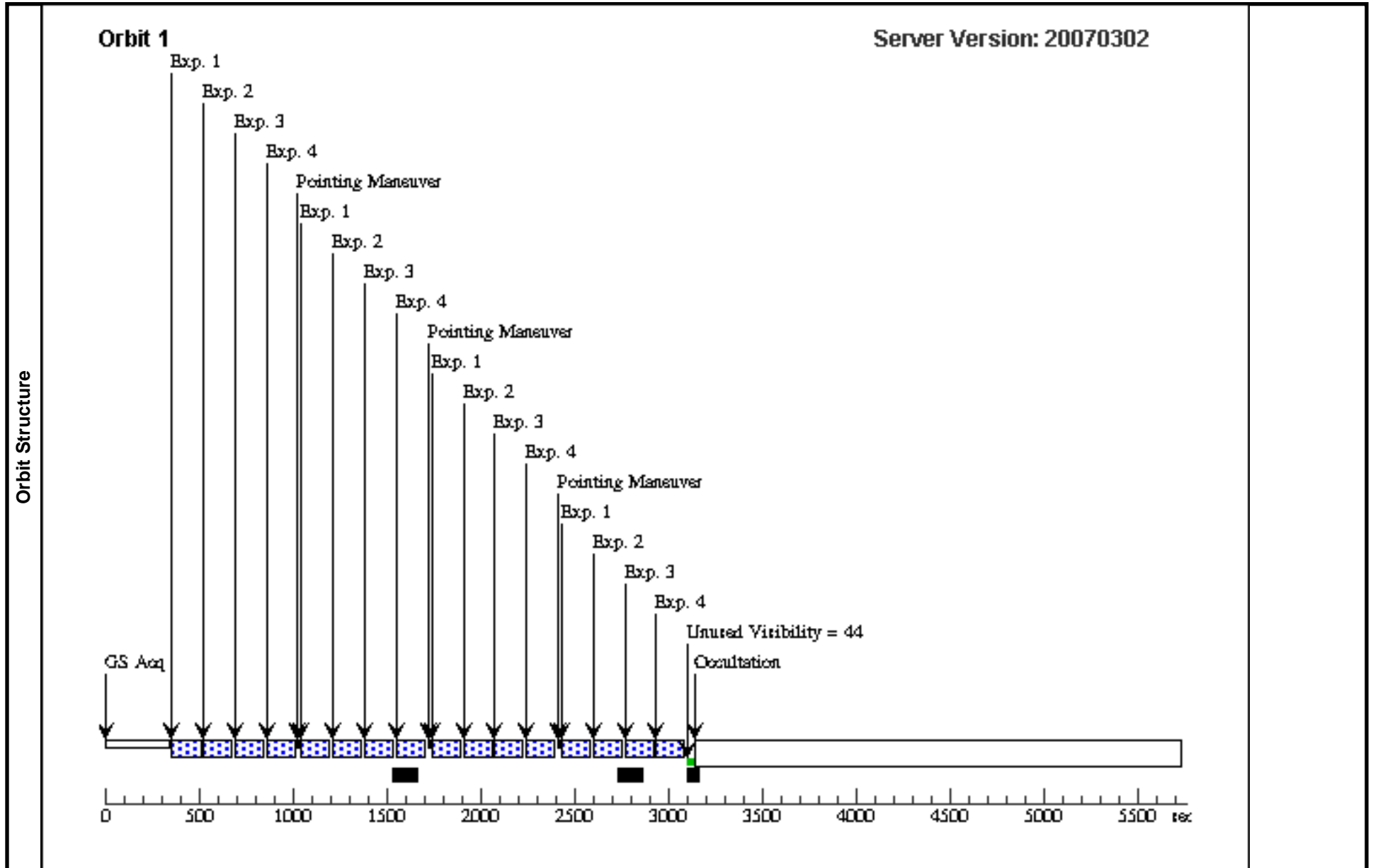
Visit	<b>Proposal 10859, Visit 34, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 06-APR-2007:00:00:00 AND 07-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=BOX	Coordinate Frame=POS-TARG						(1-4)	
		Purpose=DITHER	Pattern Orientation=120								
		Number Of Points=4	Angle Between Sides=90								
		Point Spacing=0.635	Center Pattern=false								
		Line Spacing=0.635									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SGR-A	RA: 17 45 40.0383 (266.4168262d)				V=35.0		Reference Frame: ICRS		
		Alt Name1: GALACTIC-CENTER	Dec: -29 00 28.07 (-29.00780d)				0.15 mJy in H-band				
			Equinox: J2000								
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16;		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
							NSAMP=11				
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16;		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
							NSAMP=11				
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16;		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
							NSAMP=11				
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16;		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
							NSAMP=11				



Proposal 10859 - Visit 35 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:23 GMT 2007

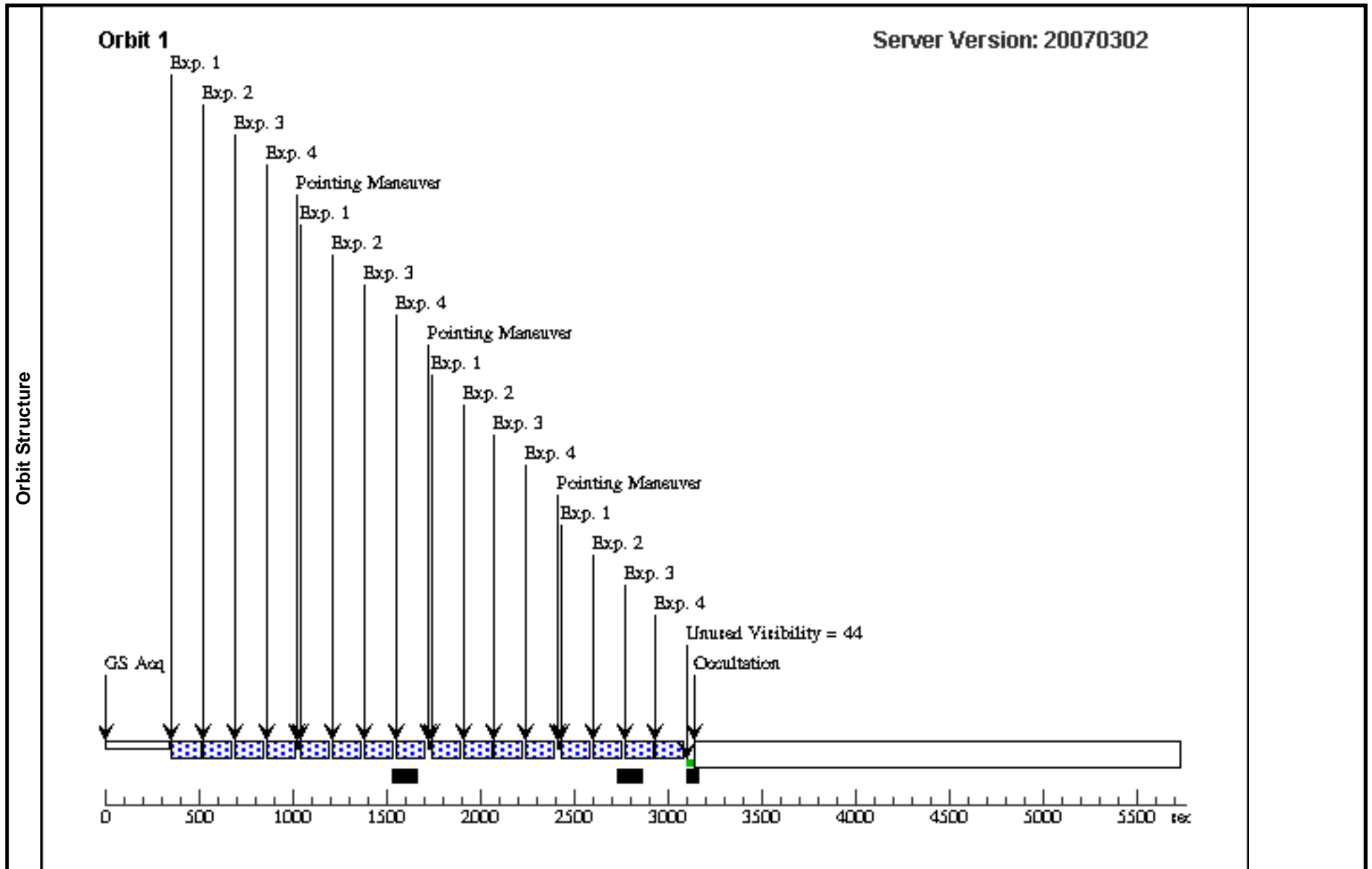
Visit	<b>Proposal 10859, Visit 35, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 06-APR-2007:00:00:00 AND 07-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=BOX	Coordinate Frame=POS-TARG						(1-4)	
		Purpose=DITHER	Pattern Orientation=120								
		Number Of Points=4	Angle Between Sides=90								
		Point Spacing=0.635	Center Pattern=false								
		Line Spacing=0.635									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SGR-A	RA: 17 45 40.0383 (266.4168262d)				V=35.0		Reference Frame: ICRS		
		Alt Name1: GALACTIC-CENTER	Dec: -29 00 28.07 (-29.00780d)				0.15 mJy in H-band				
			Equinox: J2000								
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 36 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:23 GMT 2007

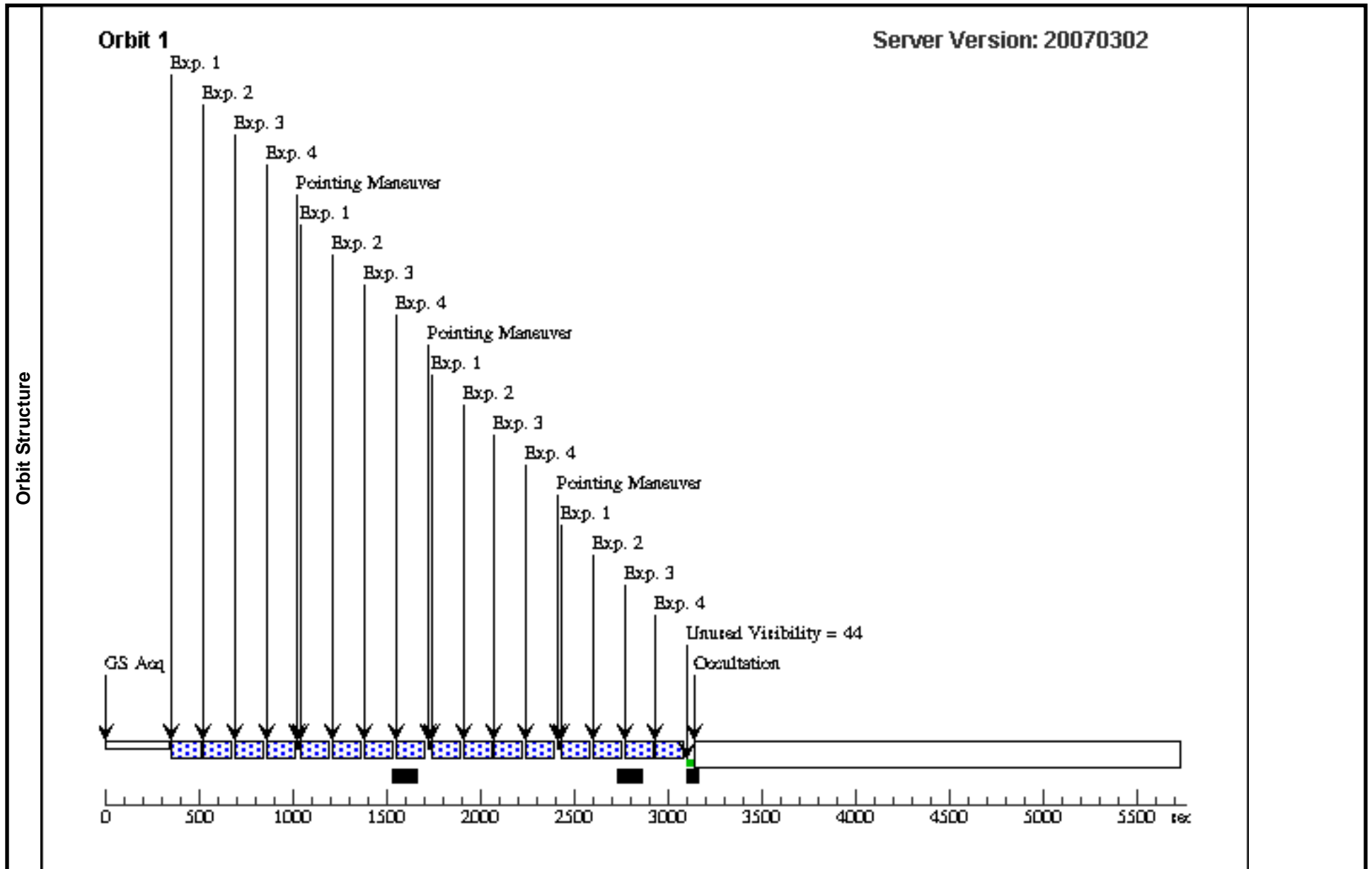
Visit	<b>Proposal 10859, Visit 36, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 07-APR-2007:00:00:00 AND 08-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 37 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:23 GMT 2007

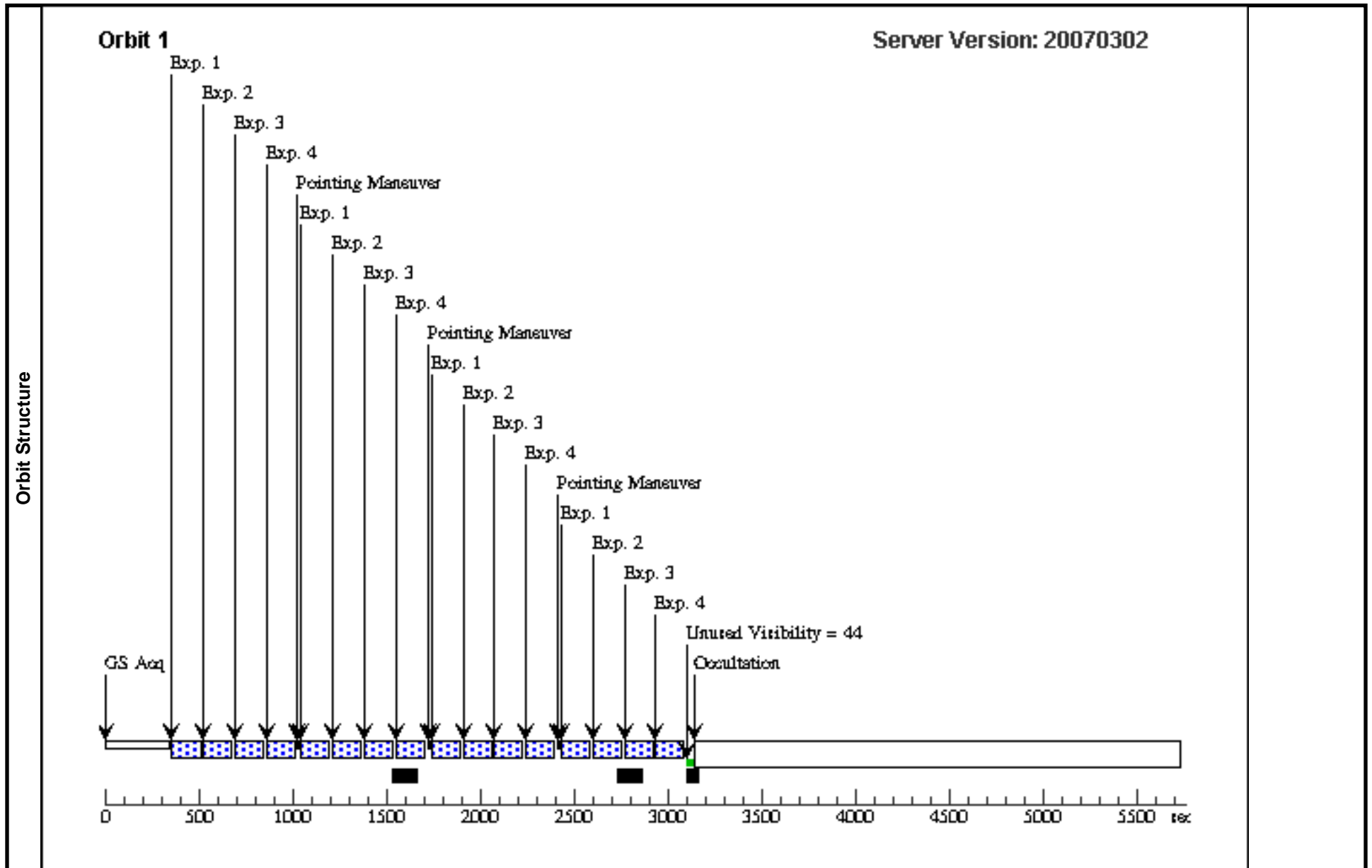
Visit	<b>Proposal 10859, Visit 37, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 07-APR-2007:00:00:00 AND 08-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=BOX	Coordinate Frame=POS-TARG						(1-4)	
		Purpose=DITHER	Pattern Orientation=120								
		Number Of Points=4	Angle Between Sides=90								
		Point Spacing=0.635	Center Pattern=false								
		Line Spacing=0.635									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SGR-A	RA: 17 45 40.0383 (266.4168262d)				V=35.0		Reference Frame: ICRS		
		Alt Name1: GALACTIC-CENTER	Dec: -29 00 28.07 (-29.00780d)				0.15 mJy in H-band				
			Equinox: J2000								
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 38 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:24 GMT 2007

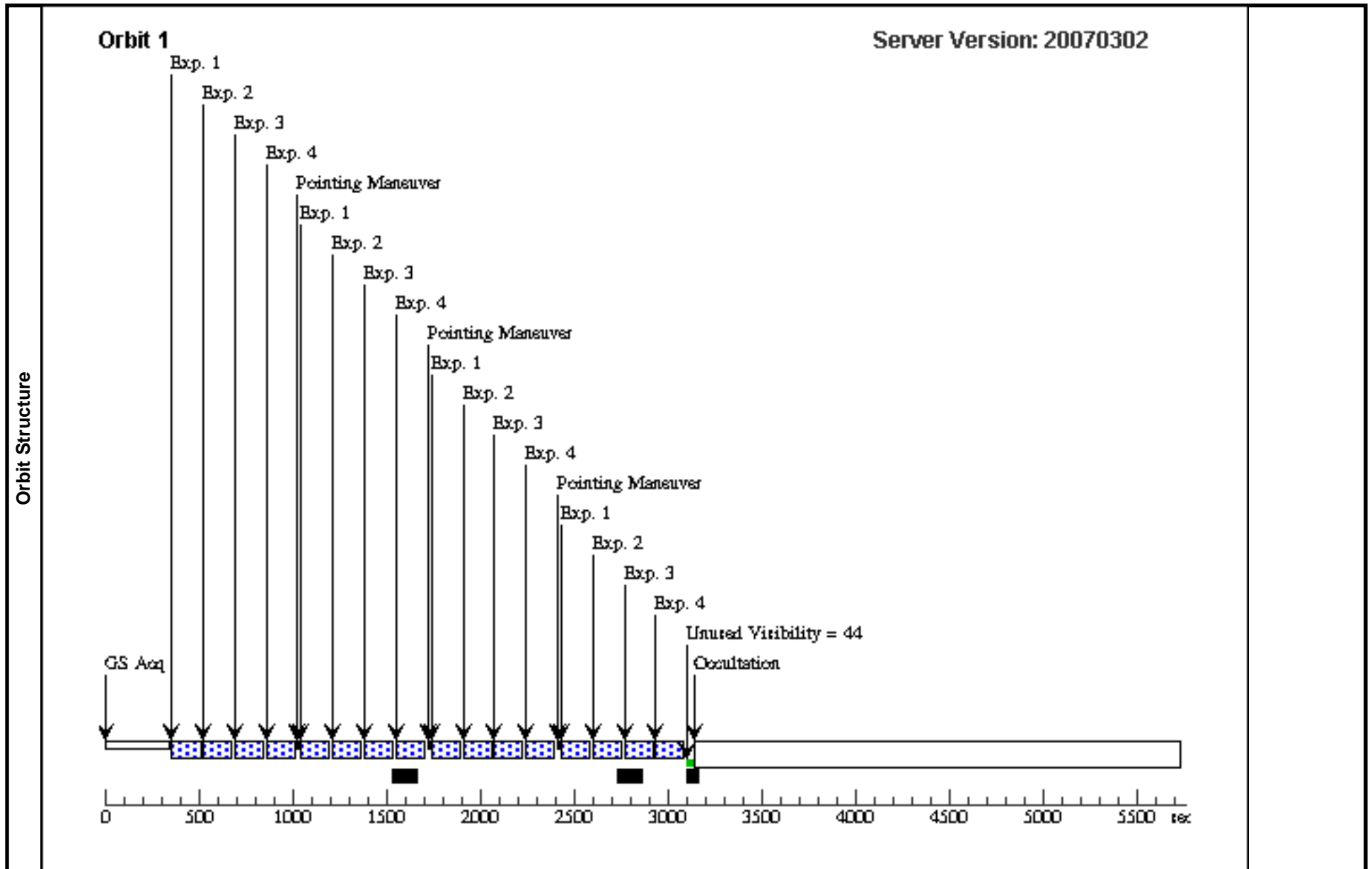
Visit	<b>Proposal 10859, Visit 38, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 07-APR-2007:00:00:00 AND 08-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false		(1-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000		V=35.0 0.15 mJy in H-band	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1	F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 39 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:25 GMT 2007

Visit	<b>Proposal 10859, Visit 39, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 07-APR-2007:00:00:00 AND 08-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.635 Line Spacing=0.635	Coordinate Frame=POS-TARG Pattern Orientation=120 Angle Between Sides=90 Center Pattern=false							(1-4)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SGR-A Alt Name1: GALACTIC-CENTER	RA: 17 45 40.0383 (266.4168262d) Dec: -29 00 28.07 (-29.00780d) Equinox: J2000				V=35.0 0.15 mJy in H-band		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10859 - Visit 40 - Precise Measurements of Sgr A\* Flare Activity

Tue Mar 06 02:15:25 GMT 2007

Visit	<b>Proposal 10859, Visit 40, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC1 Special Requirements: BETWEEN 07-APR-2007:00:00:00 AND 08-APR-2007:00:00:00 <i>Comments: Each visit consists of 1 complete cycle through the 4-position BOX dither pattern, obtaining two sets of F145M and F170M exposures at each of the 4 pattern positions. One visit fills one orbit. As many of the second 20 visits/orbits as possible should be scheduled within the second XMM observing window, which runs from 03-Apr-2007 13:58 through 04-Apr-2007 20:09 GMT.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=BOX	Coordinate Frame=POS-TARG						(1-4)	
		Purpose=DITHER	Pattern Orientation=120								
		Number Of Points=4	Angle Between Sides=90								
		Point Spacing=0.635	Center Pattern=false								
		Line Spacing=0.635									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SGR-A	RA: 17 45 40.0383 (266.4168262d)				V=35.0		Reference Frame: ICRS		
		Alt Name1: GALACTIC-CENTER	Dec: -29 00 28.07 (-29.00780d)				0.15 mJy in H-band				
			Equinox: J2000								
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	NIC1 F145 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F145M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	NIC1 F170 M	(1) SGR-A	NIC1, MULTIACCUM, NIC1		F170M	SAMP-SEQ=SPARS 16; NSAMP=11		Pattern 1-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]

