



10846 - The Halo Structure of RCS2-2327.4-0204

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) RCS2-2327.4-0204 ANY	ACS/WFC NIC3	3	13-Oct-2006 21:02:58.0	yes
02	(1) RCS2-2327.4-0204	ACS/WFC NIC3	3	13-Oct-2006 21:03:24.0	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>
03	(1) RCS2-2327.4-0204	ACS/WFC NIC3	3	13-Oct-2006 21:03:47.0	yes
04	(1) RCS2-2327.4-0204	ACS/WFC NIC3	3	13-Oct-2006 21:04:06.0	yes
05	(1) RCS2-2327.4-0204	ACS/WFC	2	13-Oct-2006 21:04:16.0	yes
06	(1) RCS2-2327.4-0204	ACS/WFC	2	13-Oct-2006 21:04:26.0	yes
07	(1) RCS2-2327.4-0204	ACS/WFC	2	13-Oct-2006 21:04:32.0	yes
08	(1) RCS2-2327.4-0204	ACS/WFC	2	13-Oct-2006 21:04:38.0	yes
09	(1) RCS2-2327.4-0204	ACS/WFC	2	13-Oct-2006 21:04:44.0	yes
51	(1) RCS2-2327.4-0204 ANY	ACS/WFC NIC3	3	13-Oct-2006 21:05:04.0	yes
53	(1) RCS2-2327.4-0204	ACS/WFC NIC3	3	13-Oct-2006 21:05:23.0	yes
54	(1) RCS2-2327.4-0204	ACS/WFC NIC3	3	13-Oct-2006 21:05:45.0	yes
59	(1) RCS2-2327.4-0204	ACS/WFC	2	13-Oct-2006 21:05:54.0	yes

33 Total Orbits Used

ABSTRACT

We propose ACS, NICMOS, and Chandra observations of the central region of the extraordinary and newly discovered galaxy cluster: RCS2-2327.4-0204 at $z=0.700$. This cluster shows 3 or more arcs in ground-based imaging, with an Einstein radius of $49''$. Such a large Einstein radius (3-4 times larger than seen in most clusters) has been seen in precisely one other cluster in the universe - namely Abell 1689 at $z=0.18$. From our proposed data we expect to see ~ 70 lensed source images, from ~ 20 image families. We will use both strong and weak lensing constraints from these data to

construct the central mass profile of the cluster, which, when combined with ground based data extending to a half degree FOV, will allow us to measure critically important dark matter halo parameters (such as concentration). The target cluster is selected from a large ongoing survey with a well-defined search volume, which allows us to compare our results to expectations from simulations. We will also compare the lensing derived mass profiles to the x-ray equivalent measures; this will illuminate whether the dominant baryonic component is in equilibrium with the potential. The area of high magnification behind this cluster is an order of magnitude larger than typical lensing clusters observed previously by HST; this order of magnitude increase in area directly translates into a 10 times better chance for finding very high redshift galaxies. Many of the highest redshift galaxies found to date have been found behind massive lensing clusters observed by HST, and we expect to add to that sample dramatically.

OBSERVING DESCRIPTION

This program aims to take deep multi-color imaging of a very massive high-redshift galaxy cluster, for the principal purpose of constraining the core mass distribution using strong lensing. The cluster seems comparable to the famous Abell 1689 which was observed by the ACS GTO team, albeit at a much higher redshift, and we expect equally impressive arcs. Ground based imaging already shows a number of bright arcs, and HST is expected to uncover many more. The HST observation consists of 10 orbits with ACS, from which we will identify strong lensing features (center of image) and make measurements of the weak lensing shear at larger cluster-centric distances. 12 orbits with NICMOS provide further information on the cluster core, with coordinated ACS parallels providing additional weak-lensing shear measurements at larger radii from the principal target.

The plan proposed and approved in Phase 1 calls for 3 orbits in each NICMOS filter (F110 and F160), repeated at two orientations separated by 45 degrees. This target is accessible from orients of 209.63-273.83 (a range of 64.2 degrees) ; this is hopefully sufficient to allow for scheduling. A quick check of visit scheduling with and without the specified orientation constraints shows it makes little difference to the overall availability of the visits. The purpose of dividing the data into two orients is twofold: 1) the stacked NICMOS final images more closely sample an ideal circular FOV (lensed arcs are to first order distributed in a circular fashion about the cluster center) and 2) this splits the parallels across two fields which provides 2x better sampling of the shear wrt to azimuth. In scheduling the visits this has been done by allowing the first visit to have free orient, making the second (other filter) match, and then specifying visits 3 and 4 at -45 degrees off of the orient of visit 1.

The simplest natural way to divide the 3 orbits in each filter at each orient into four mosaiced pointings is to do 3 dither positions at each mosaic

position. Consequently canned dither routines would be broken up across orbits (which the APT did not like!) and so we have defined each dither position separately. This seems to have no significant impact on orbit packing.

ACS observations in the F814W and F606W filters occupy four orbits each, divided into a total of 4 2-orbit visits. Each orbit contains four exposures in a small box dither, and in aggregate the two visits for each filter sample 4 principal positions, arranged to maximise the radial coverage while providing greater depth in the strong lensing region of the target (i.e. the region covered by the NICMOS observations). The orientations have been fixed to be the same as Visit 1, since this gives best azimuthal sampling angle wrt to the parallels. This constraint can be relaxed if it significantly impacts scheduling. The final ACS observation is a 2-orbit visit in F435W to provide bluer sampling of the arcs in the central region; each orbit again is divided into 4 exposures in a small box dither, with each orbit offset slightly to opposite side of the target center to provide sampling across the chip gap.

Note NO crsfitting has been used throughout.

The ACS parallel observations use only the F606W and F814W filters (we have arbitrarily paired F606W with the NIC-3 F110W observations, and F814W with NIC-3 F160W). The 'four-pointings-per-orbit' strategy adopted for the NICMOS tiling naturally also allows for 4 ACS parallels per orbit.

The current Phase 2 configuration generates a significant number of 'POS TARG OUTSIDE OF APERTURE' warnings for visits 1-4 (NICMOS). These are due to the 4-point mosaic - the fiducial target center at the center of the 4 pointings is indeed often outside the aperture, by design.

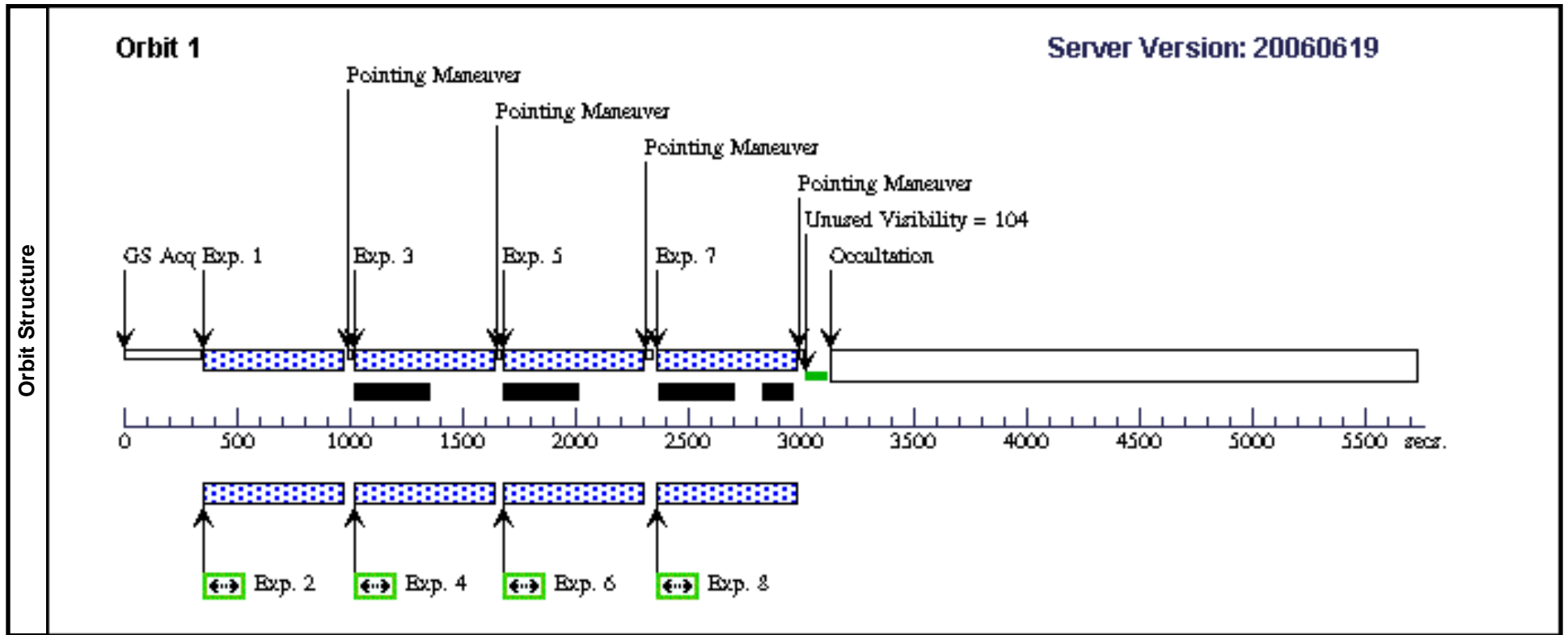
Proposal 10846 - Visit 01 - The Halo Structure of RCS2-2327.4-0204

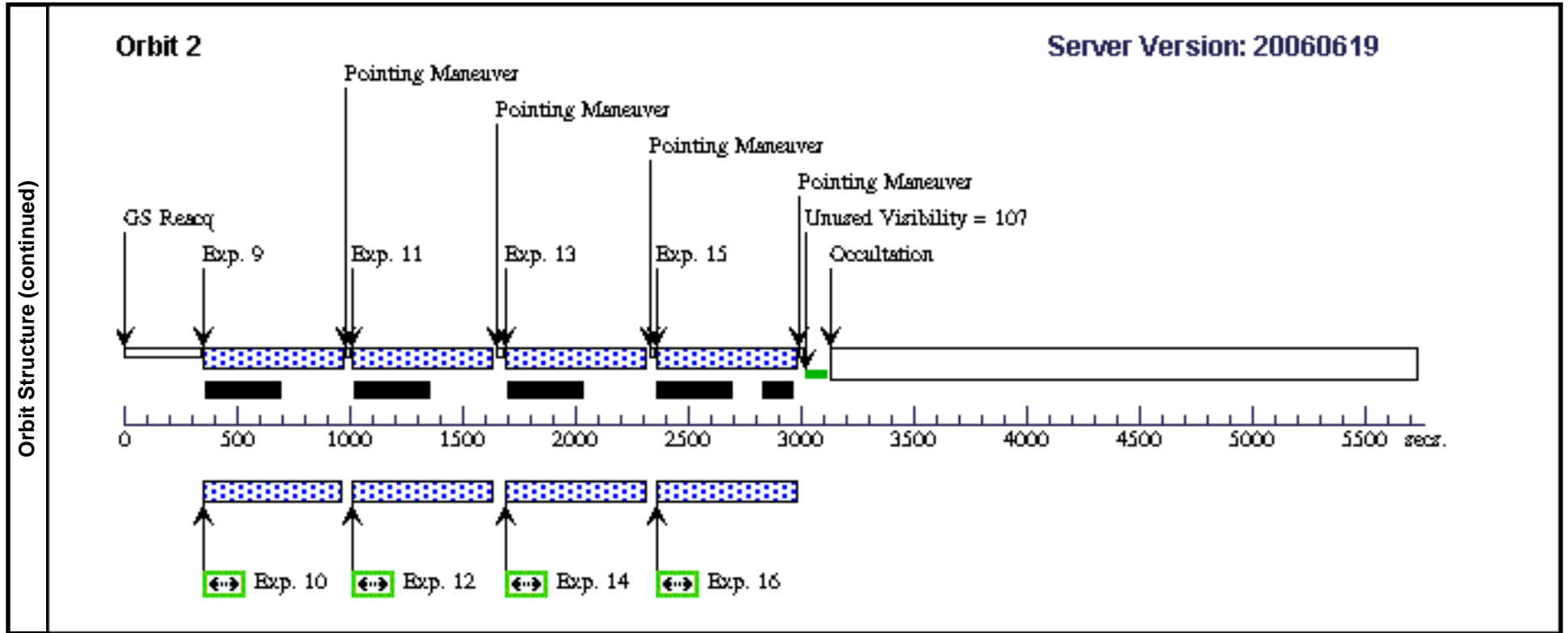
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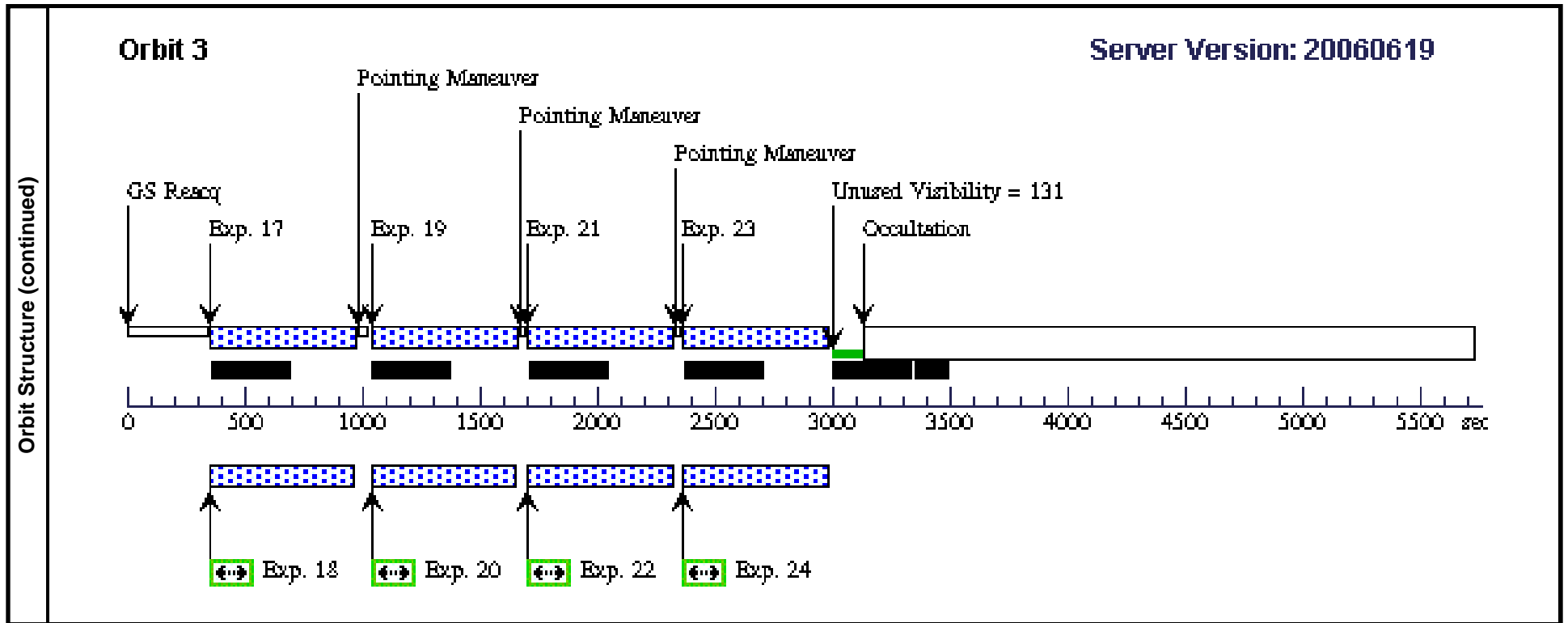
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	Diagnostics	(Visit 01) Warning: POS TARG OUTSIDE OF APERTURE (Visit 01) Warning: POS TARG OUTSIDE OF APERTURE (Visit 01) Warning: POS TARG OUTSIDE OF APERTURE (Visit 01) Warning: POS TARG OUTSIDE OF APERTURE (Visit 01) Warning: POS TARG OUTSIDE OF APERTURE (Visit 01) Warning: POS TARG OUTSIDE OF APERTURE									
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(1)	RCS2-2327.4-0204	RA: 23 27 28.2000 (351.8675000d) Dec: -02 04 25.40 (-2.07372d) Equinox: J2000	Redshift: 0.7	V=26.0	Reference Frame: ICRS				
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 32.1,32.1; GS ACQ SCENARI O BASE1TNS	Prime + Parallel Group 1-2	[==>]	[1]
		2	ANY		ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-2	100.0 Secs [==>413.0 Secs]	[1]
	3		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 25.6,25.6	Prime + Parallel Group 3-4	[==>]	[1]	
	4	ANY		ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 3-4	100.0 Secs [==>497.0 Secs]	[1]	
	5		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 19.1,19.1	Prime + Parallel Group 5-6	[==>]	[1]	
	6	ANY		ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-6	300.0 Secs [==>497.0 Secs]	[1]	
	7		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -19.1,-19.1	Prime + Parallel Group 7-8	[==>]	[1]	
	8	ANY		ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 7-8	300.0 Secs [==>497.0 Secs]	[1]	
	9		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -25.6,-25.6	Prime + Parallel Group 9-10	[==>]	[2]	

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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures (continued)	10	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 9-10	100.0 Secs [==>493.0 Secs]	[2]
	11	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -32.1,-32.1	Prime + Parallel Group 11-12	[==>]	[2]
	12	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 11-12	300.0 Secs [==>497.0 Secs]	[2]
	13	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 19.1,-32.1	Prime + Parallel Group 13-14	[==>]	[2]
	14	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 13-14	300.0 Secs [==>497.0 Secs]	[2]
	15	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 25.6,-25.6	Prime + Parallel Group 15-16	[==>]	[2]
	16	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 15-16	300.0 Secs [==>497.0 Secs]	[2]
	17	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 32.1,-19.6	Prime + Parallel Group 17-18	[==>]	[3]
	18	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 17-18	100.0 Secs [==>493.0 Secs]	[3]
	19	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -19.1,32.1	Prime + Parallel Group 19-20	[==>]	[3]
	20	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 19-20	100.0 Secs [==>493.0 Secs]	[3]
	21	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -25.6,25.6	Prime + Parallel Group 21-22	[==>]	[3]
	22	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 21-22	300.0 Secs [==>497.0 Secs]	[3]
	23	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -32.1,19.6	Prime + Parallel Group 23-24	[==>]	[3]
	24	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 23-24	300.0 Secs [==>497.0 Secs]	[3]







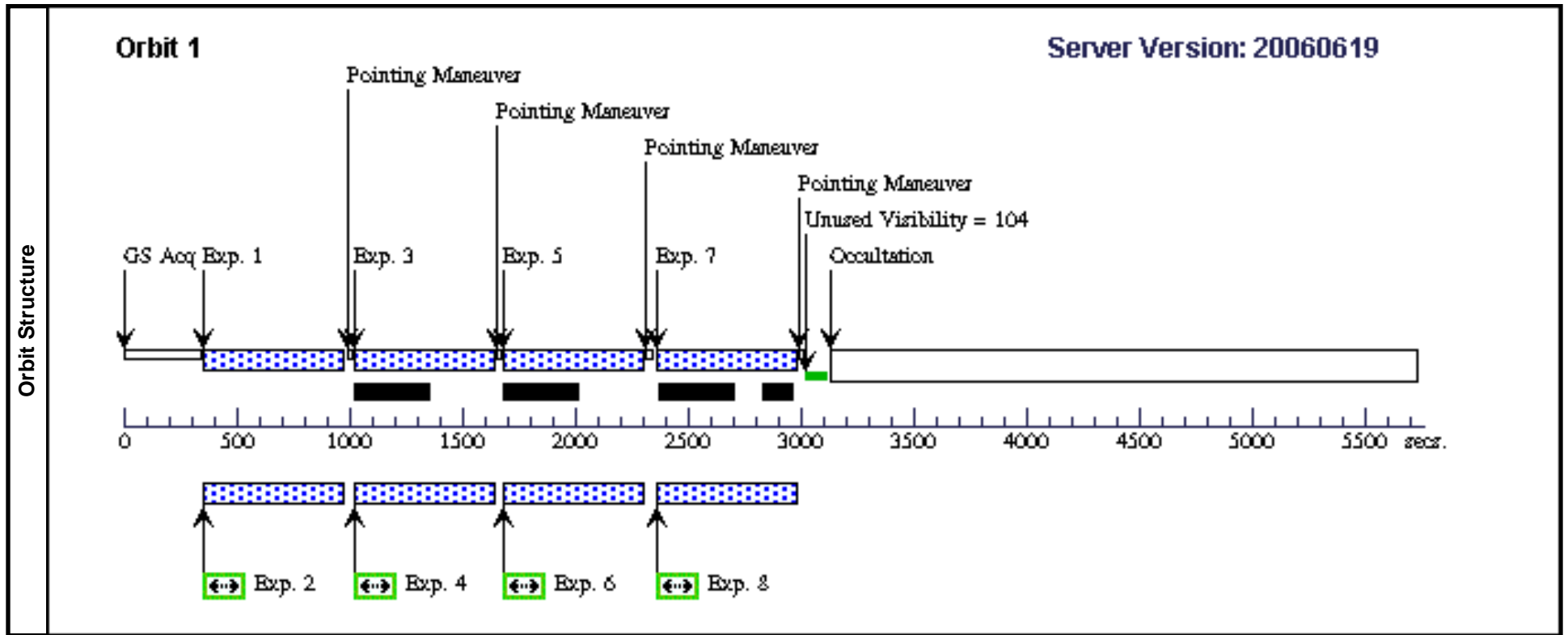
Proposal 10846 - Visit 02 - The Halo Structure of RCS2-2327.4-0204

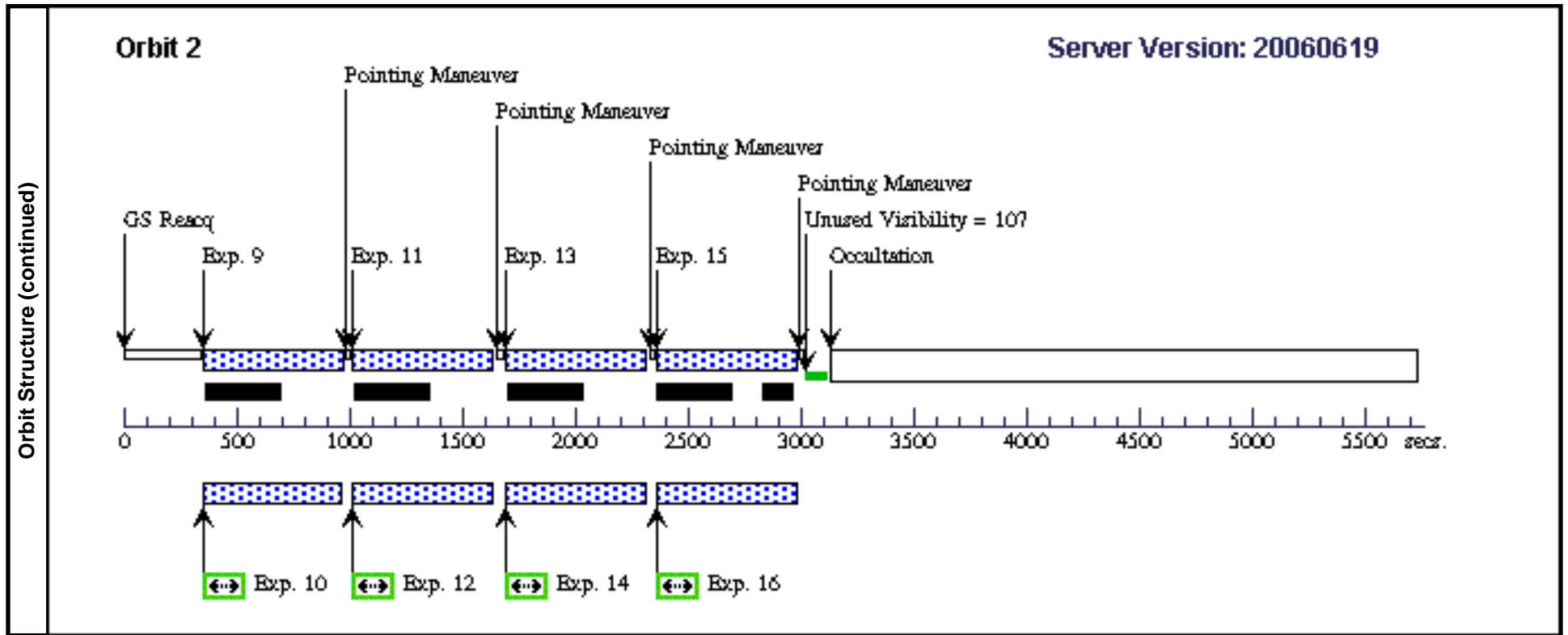
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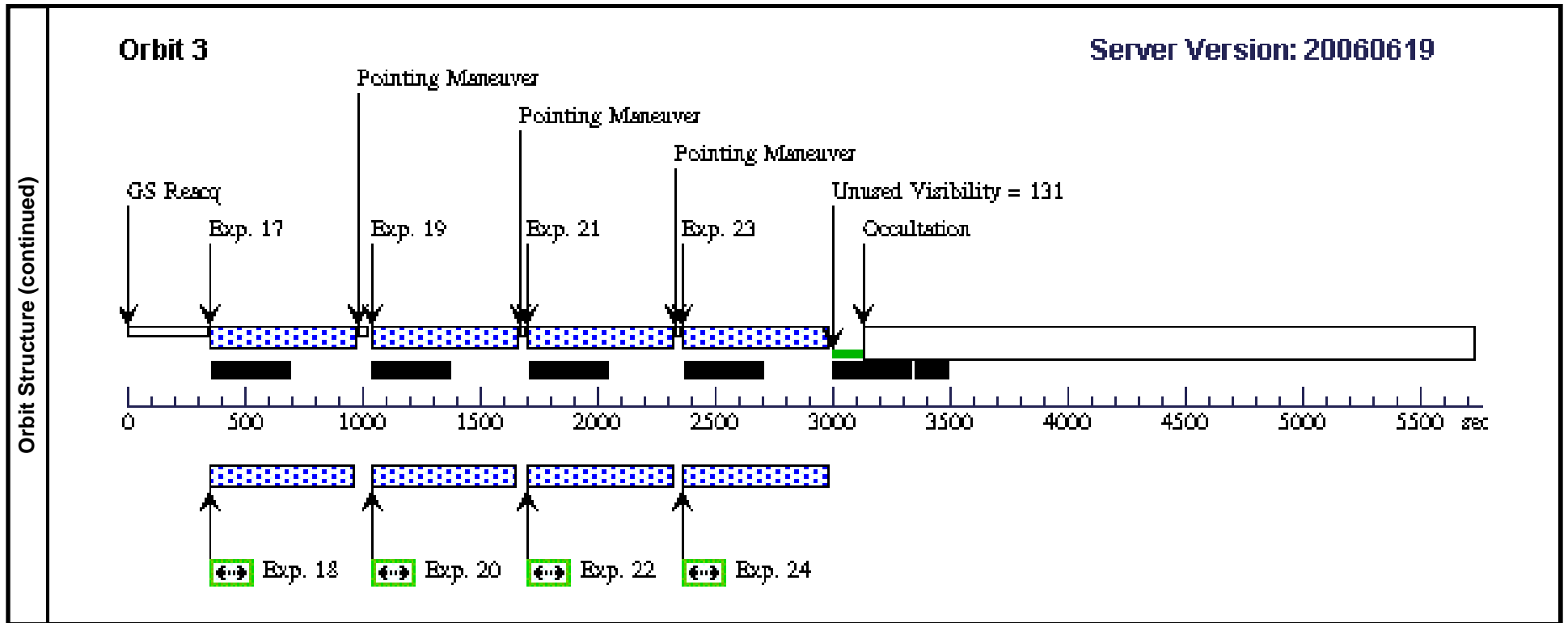
Visit	Proposal 10846, Visit 02, completed Diagnostic Status: Warning Scientific Instruments: ACS/WFC, NIC3 Special Requirements: SAME ORIENT AS 01										
	Diagnostics	(Visit 02) Warning: POS TARG OUTSIDE OF APERTURE (Visit 02) Warning: POS TARG OUTSIDE OF APERTURE (Visit 02) Warning: POS TARG OUTSIDE OF APERTURE (Visit 02) Warning: POS TARG OUTSIDE OF APERTURE (Visit 02) Warning: POS TARG OUTSIDE OF APERTURE (Visit 02) Warning: POS TARG OUTSIDE OF APERTURE									
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(1)	RCS2-2327.4-0204	RA: 23 27 28.2000 (351.8675000d) Dec: -02 04 25.40 (-2.07372d) Equinox: J2000	Redshift: 0.7	V=26.0	Reference Frame: ICRS				
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 32.1,32.1; GS ACQ SCENARI O BASE1TNS	Prime + Parallel Group 1-2	[==>]	[1]
		2		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-2	100.0 Secs [==>413.0 Secs]	[1]
	3		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 25.6,25.6	Prime + Parallel Group 3-4	[==>]	[1]	
	4		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 3-4	100.0 Secs [==>497.0 Secs]	[1]	
	5		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 19.1,19.1	Prime + Parallel Group 5-6	[==>]	[1]	
	6		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 5-6	300.0 Secs [==>497.0 Secs]	[1]	
	7		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -19.1,-19.1	Prime + Parallel Group 7-8	[==>]	[1]	
	8		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 7-8	300.0 Secs [==>497.0 Secs]	[1]	
9		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -25.6,-25.6	Prime + Parallel Group 9-10	[==>]	[2]		

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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures (continued)	10	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 9-10	100.0 Secs [==>493.0 Secs]	[2]
	11	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -32.1,-3 2.1	Prime + Parallel Group up 11-12	[==>]	[2]
	12	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 11-12	300.0 Secs [==>497.0 Secs]	[2]
	13	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 19.1,-32 .1	Prime + Parallel Group up 13-14	[==>]	[2]
	14	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 13-14	300.0 Secs [==>497.0 Secs]	[2]
	15	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 25.6,-25 .6	Prime + Parallel Group up 15-16	[==>]	[2]
	16	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 15-16	300.0 Secs [==>497.0 Secs]	[2]
	17	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 32.1,-19 .6	Prime + Parallel Group up 17-18	[==>]	[3]
	18	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 17-18	100.0 Secs [==>493.0 Secs]	[3]
	19	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -19.1,32 .1	Prime + Parallel Group up 19-20	[==>]	[3]
	20	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 19-20	100.0 Secs [==>493.0 Secs]	[3]
	21	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -25.6,25 .6	Prime + Parallel Group up 21-22	[==>]	[3]
	22	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 21-22	300.0 Secs [==>497.0 Secs]	[3]
	23	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -32.1,19 .6	Prime + Parallel Group up 23-24	[==>]	[3]
	24	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 23-24	300.0 Secs [==>497.0 Secs]	[3]







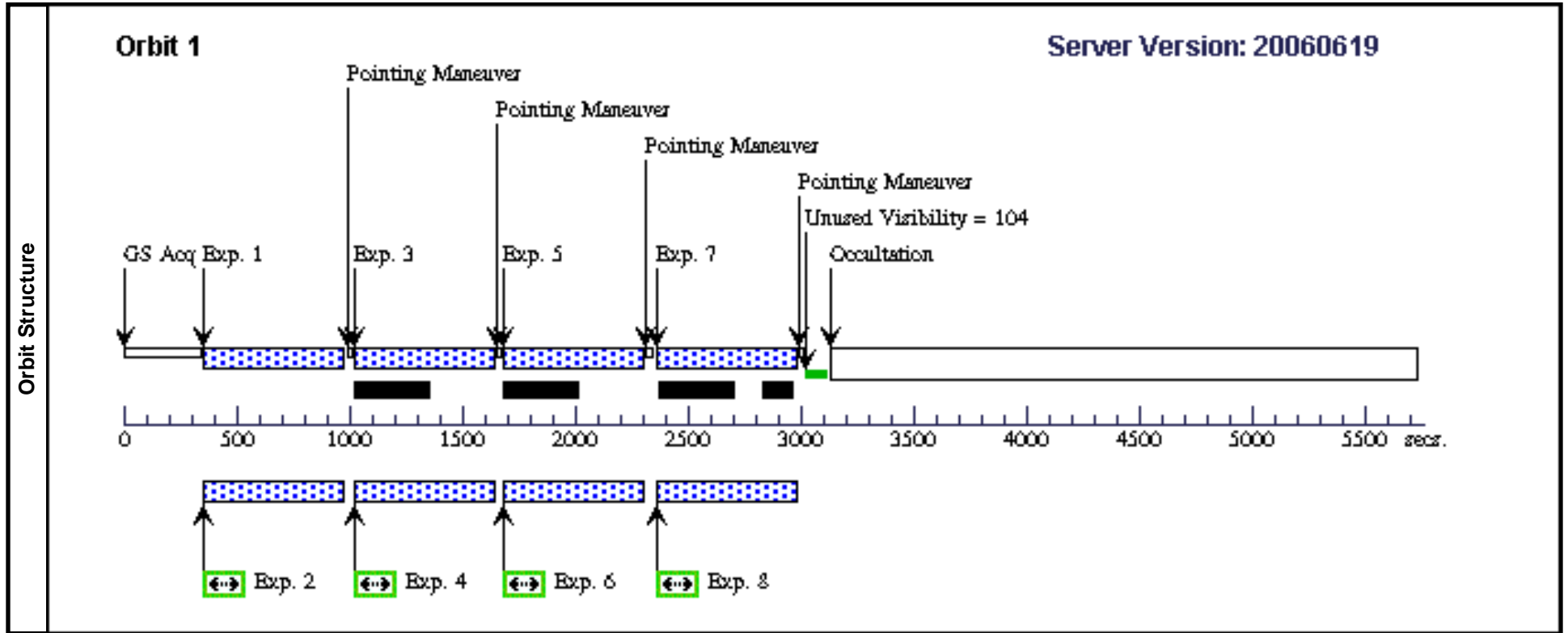
Proposal 10846 - Visit 03 - The Halo Structure of RCS2-2327.4-0204

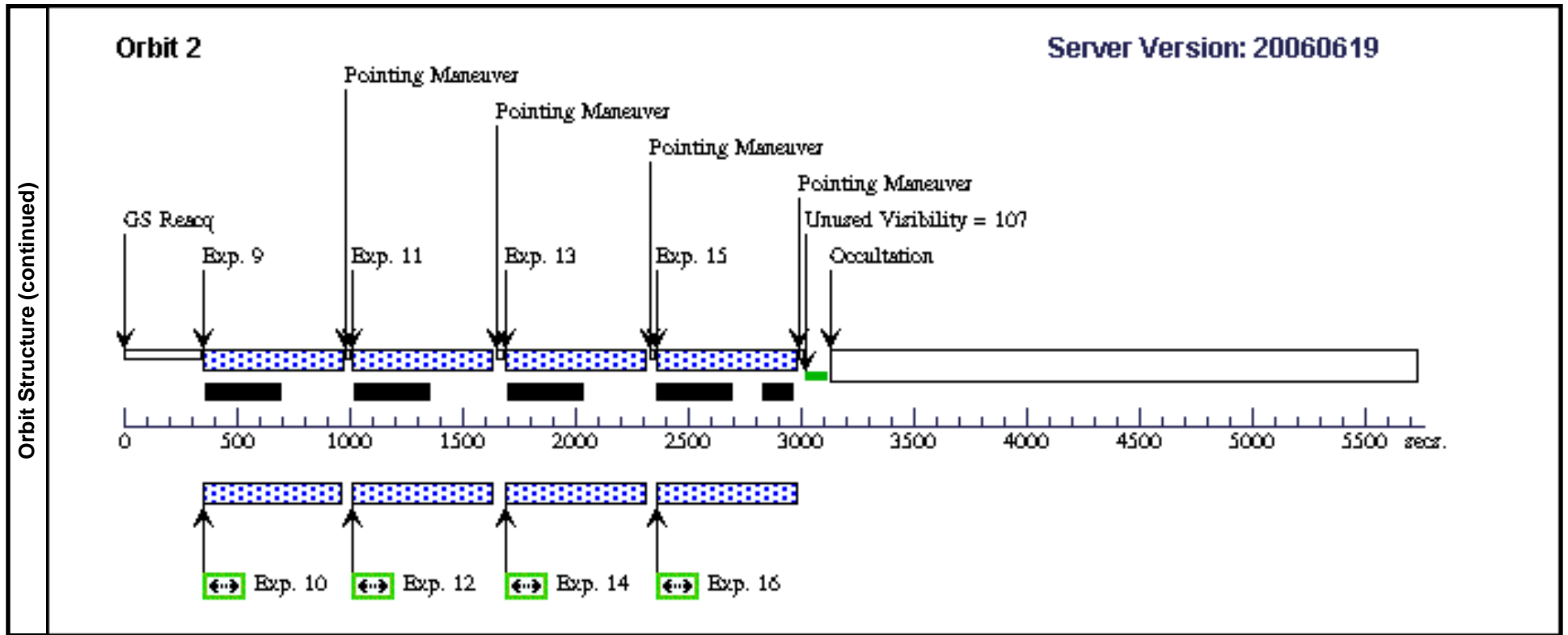
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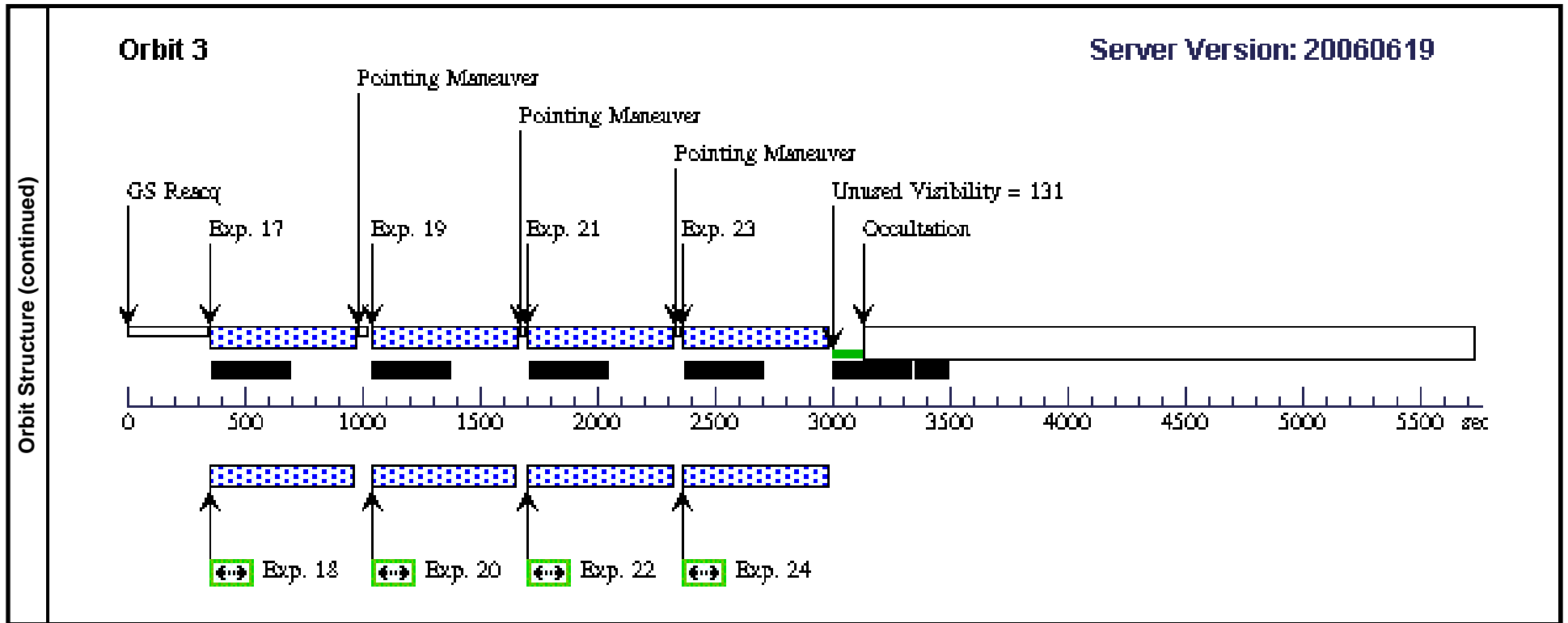
Visit	Proposal 10846, Visit 03, completed Diagnostic Status: Warning Scientific Instruments: ACS/WFC, NIC3 Special Requirements: ORIENT 28.0D TO 30.0D FROM 01										
	Diagnostics	(Visit 03) Warning: POS TARG OUTSIDE OF APERTURE (Visit 03) Warning: POS TARG OUTSIDE OF APERTURE (Visit 03) Warning: POS TARG OUTSIDE OF APERTURE (Visit 03) Warning: POS TARG OUTSIDE OF APERTURE (Visit 03) Warning: POS TARG OUTSIDE OF APERTURE (Visit 03) Warning: POS TARG OUTSIDE OF APERTURE									
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(1)	RCS2-2327.4-0204	RA: 23 27 28.2000 (351.8675000d) Dec: -02 04 25.40 (-2.07372d) Equinox: J2000	Redshift: 0.7	V=26.0	Reference Frame: ICRS				
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 32.1,32.1; GS ACQ SCENARI O BASE1TNS	Prime + Parallel Group 1-2	[==>]	[1]
		2		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-2	100.0 Secs [==>413.0 Secs]	[1]
	3		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 25.6,25.6	Prime + Parallel Group 3-4	[==>]	[1]	
	4		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 3-4	100.0 Secs [==>497.0 Secs]	[1]	
	5		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 19.1,19.1	Prime + Parallel Group 5-6	[==>]	[1]	
	6		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-6	300.0 Secs [==>497.0 Secs]	[1]	
	7		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -19.1,-19.1	Prime + Parallel Group 7-8	[==>]	[1]	
	8		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 7-8	300.0 Secs [==>497.0 Secs]	[1]	
	9		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -25.6,-25.6	Prime + Parallel Group 9-10	[==>]	[2]	

Proposal 10846 - Visit 03 - The Halo Structure of RCS2-2327.4-0204

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures (continued)	10	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 9-10	100.0 Secs [==>493.0 Secs]	[2]
	11	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -32.1,-3 2.1	Prime + Parallel Group 11-12	[==>]	[2]
	12	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 11-12	300.0 Secs [==>497.0 Secs]	[2]
	13	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 19.1,-32 .1	Prime + Parallel Group 13-14	[==>]	[2]
	14	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 13-14	300.0 Secs [==>497.0 Secs]	[2]
	15	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 25.6,-25 .6	Prime + Parallel Group 15-16	[==>]	[2]
	16	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 15-16	300.0 Secs [==>497.0 Secs]	[2]
	17	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 32.1,-19 .6	Prime + Parallel Group 17-18	[==>]	[3]
	18	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 17-18	100.0 Secs [==>493.0 Secs]	[3]
	19	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -19.1,32 .1	Prime + Parallel Group 19-20	[==>]	[3]
	20	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 19-20	100.0 Secs [==>493.0 Secs]	[3]
	21	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -25.6,25 .6	Prime + Parallel Group 21-22	[==>]	[3]
	22	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 21-22	300.0 Secs [==>497.0 Secs]	[3]
	23	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -32.1,19 .6	Prime + Parallel Group 23-24	[==>]	[3]
	24	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 23-24	300.0 Secs [==>497.0 Secs]	[3]







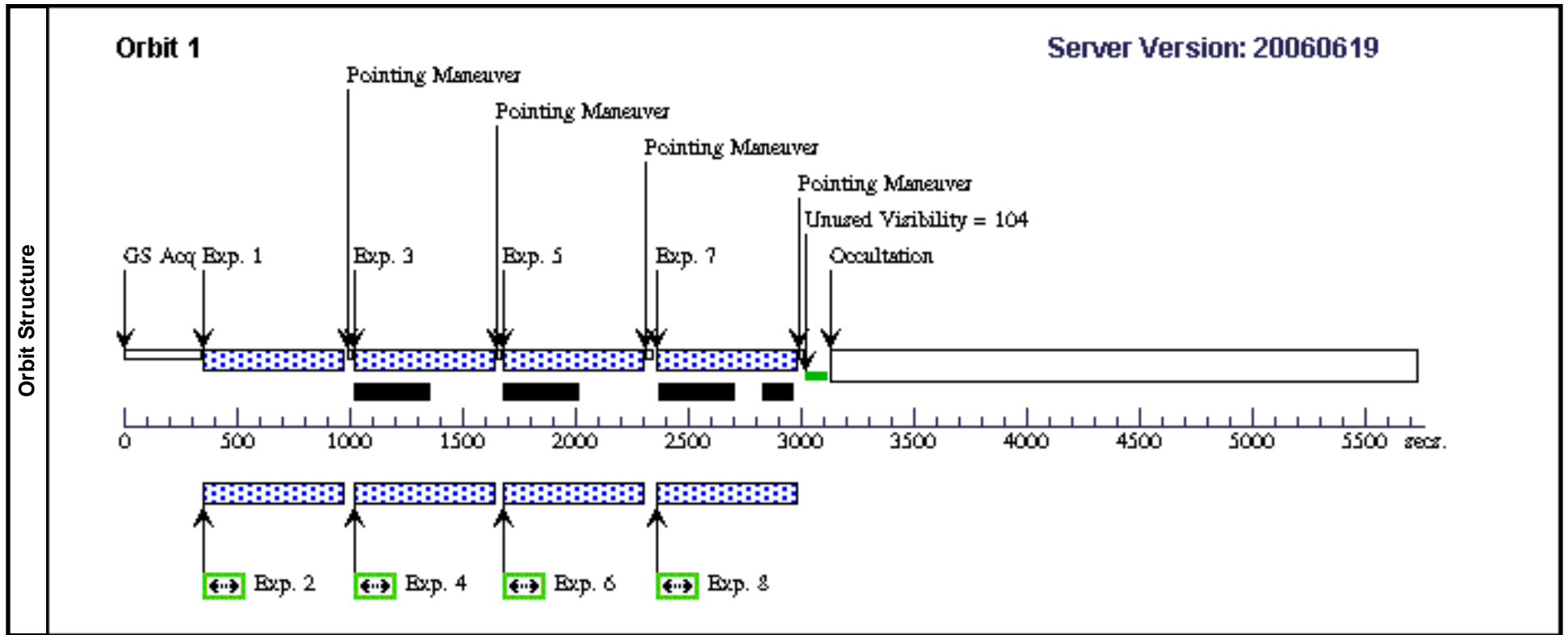
Proposal 10846 - Visit 04 - The Halo Structure of RCS2-2327.4-0204

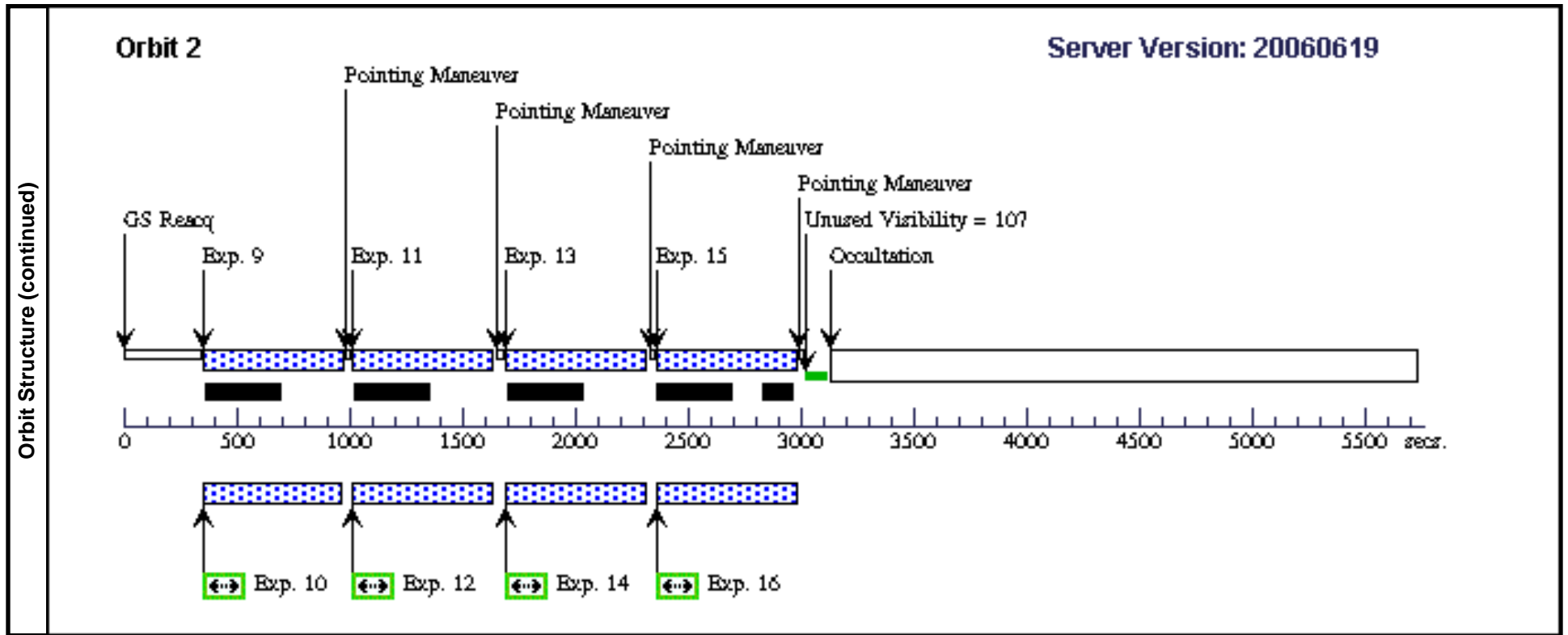
Sat Oct 14 01:06:05 GMT 2006

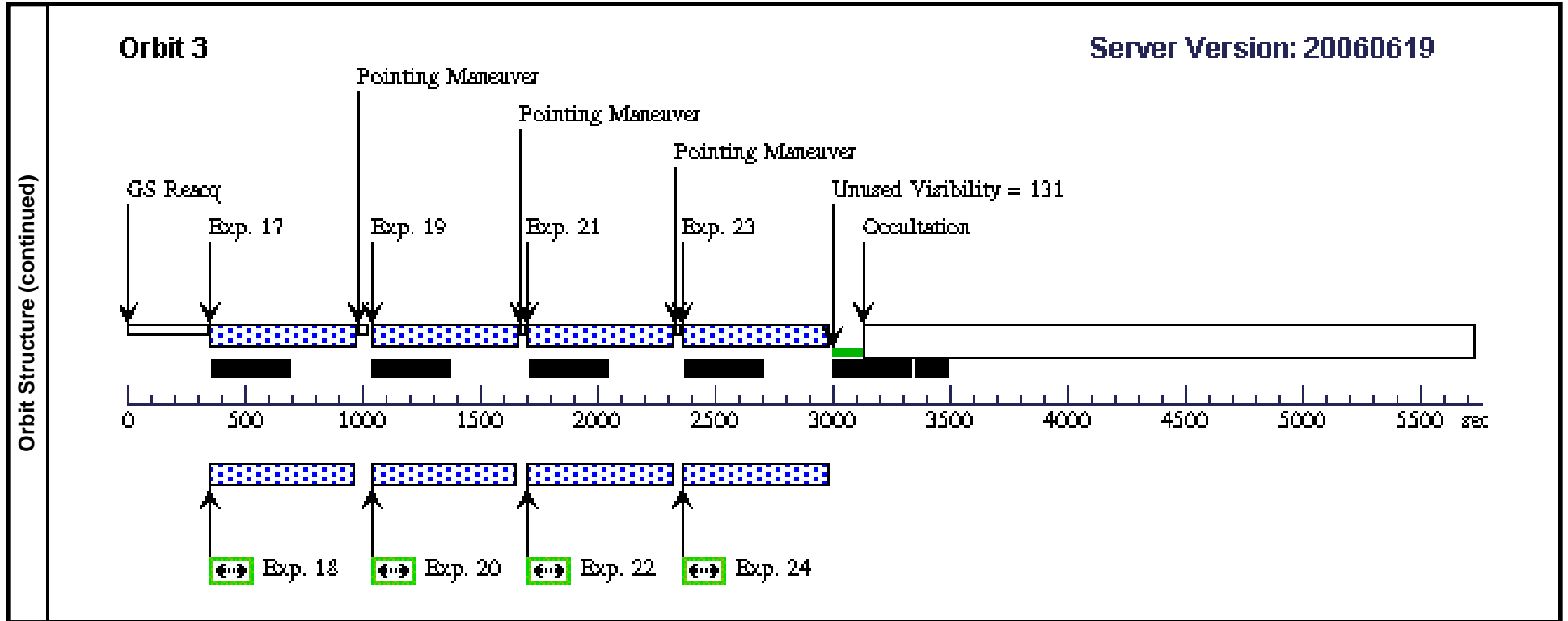
Visit	Proposal 10846, Visit 04, completed Diagnostic Status: Warning Scientific Instruments: ACS/WFC, NIC3 Special Requirements: SAME ORIENT AS 03										
	Diagnostics	(Visit 04) Warning: POS TARG OUTSIDE OF APERTURE (Visit 04) Warning: POS TARG OUTSIDE OF APERTURE (Visit 04) Warning: POS TARG OUTSIDE OF APERTURE (Visit 04) Warning: POS TARG OUTSIDE OF APERTURE (Visit 04) Warning: POS TARG OUTSIDE OF APERTURE (Visit 04) Warning: POS TARG OUTSIDE OF APERTURE									
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(1)	RCS2-2327.4-0204	RA: 23 27 28.2000 (351.8675000d) Dec: -02 04 25.40 (-2.07372d) Equinox: J2000	Redshift: 0.7	V=26.0	Reference Frame: ICRS				
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 32.1,32.1; GS ACQ SCENARI O BASE1TNS	Prime + Parallel Group 1-2	[==>]	[1]
		2		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-2	100.0 Secs [==>413.0 Secs]	[1]
	3		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 25.6,25.6	Prime + Parallel Group 3-4	[==>]	[1]	
	4		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 3-4	100.0 Secs [==>497.0 Secs]	[1]	
	5		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 19.1,19.1	Prime + Parallel Group 5-6	[==>]	[1]	
	6		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 5-6	300.0 Secs [==>497.0 Secs]	[1]	
	7		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -19.1,-19.1	Prime + Parallel Group 7-8	[==>]	[1]	
	8		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 7-8	300.0 Secs [==>497.0 Secs]	[1]	
	9		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -25.6,-25.6	Prime + Parallel Group 9-10	[==>]	[2]	

Proposal 10846 - Visit 04 - The Halo Structure of RCS2-2327.4-0204

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures (continued)	10	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 9-10	100.0 Secs [==>493.0 Secs]	[2]
	11	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -32.1,-3 2.1	Prime + Parallel Group up 11-12	[==>]	[2]
	12	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 11-12	300.0 Secs [==>497.0 Secs]	[2]
	13	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 19.1,-32 .1	Prime + Parallel Group up 13-14	[==>]	[2]
	14	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 13-14	300.0 Secs [==>497.0 Secs]	[2]
	15	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 25.6,-25 .6	Prime + Parallel Group up 15-16	[==>]	[2]
	16	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 15-16	300.0 Secs [==>497.0 Secs]	[2]
	17	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 32.1,-19 .6	Prime + Parallel Group up 17-18	[==>]	[3]
	18	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 17-18	100.0 Secs [==>493.0 Secs]	[3]
	19	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -19.1,32 .1	Prime + Parallel Group up 19-20	[==>]	[3]
	20	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 19-20	100.0 Secs [==>493.0 Secs]	[3]
	21	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -25.6,25 .6	Prime + Parallel Group up 21-22	[==>]	[3]
	22	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 21-22	300.0 Secs [==>497.0 Secs]	[3]
	23	(1) RCS2-2327.4-02 04	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -32.1,19 .6	Prime + Parallel Group up 23-24	[==>]	[3]
	24	(1) RCS2-2327.4-02 04	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group up 23-24	300.0 Secs [==>497.0 Secs]	[3]



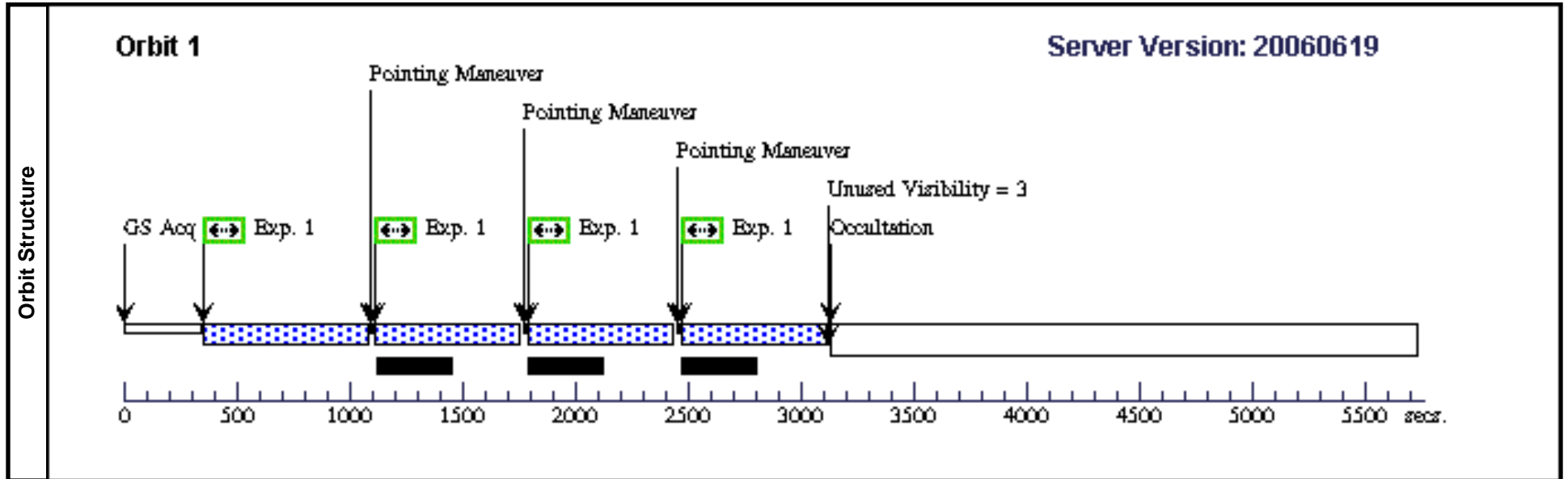


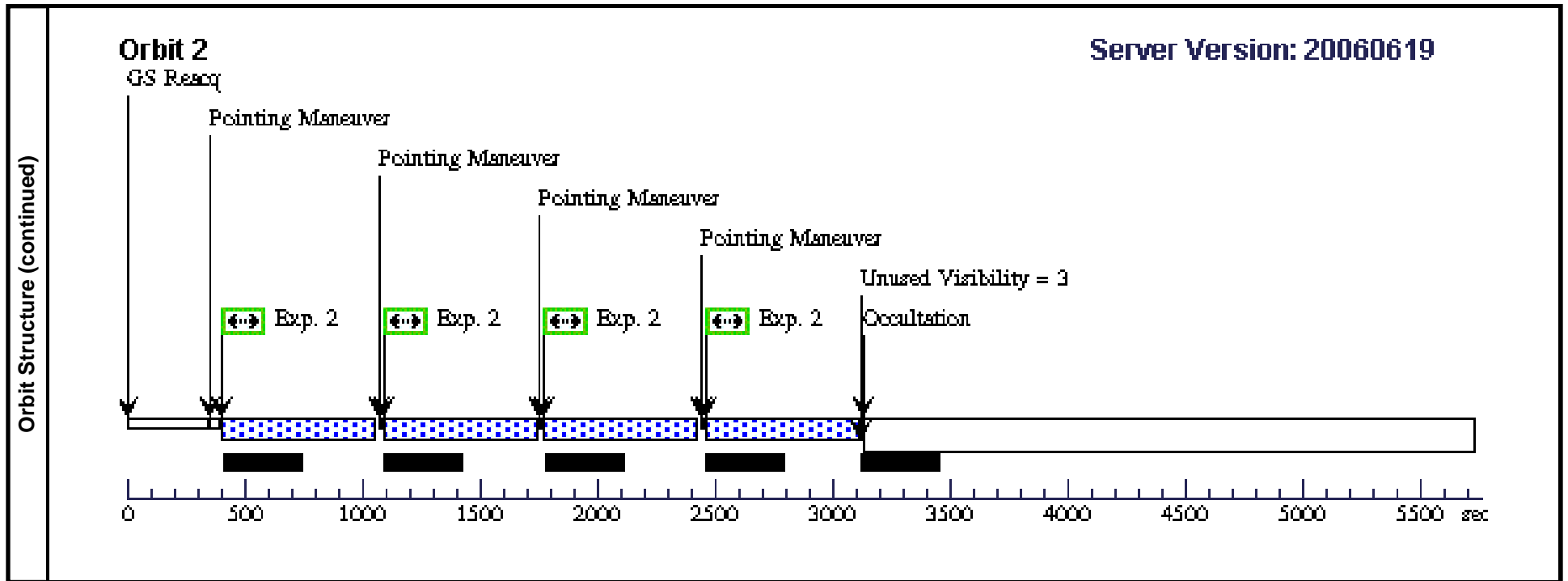


Proposal 10846 - Visit 05 - The Halo Structure of RCS2-2327.4-0204

Sat Oct 14 01:06:07 GMT 2006

Visit	Proposal 10846, Visit 05, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RCS2-2327.4-0204	RA: 23 27 28.2000 (351.8675000d) Dec: -02 04 25.40 (-2.07372d) Equinox: J2000	Redshift: 0.7	V=26.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG -86,14	Pattern 1-1 (1)	520.0 Secs [==>522.0 Secs (Pattern 1)] [==>522.0 Secs (Pattern 2)] [==>522.0 Secs (Pattern 3)] [==>522.0 Secs (Pattern 4)]	[1]
2		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG -32,-6	Pattern 2-2 (1)	520.0 Secs [==>530.0 Secs (Pattern 1)] [==>530.0 Secs (Pattern 2)] [==>530.0 Secs (Pattern 3)] [==>530.0 Secs (Pattern 4)]	[2]	

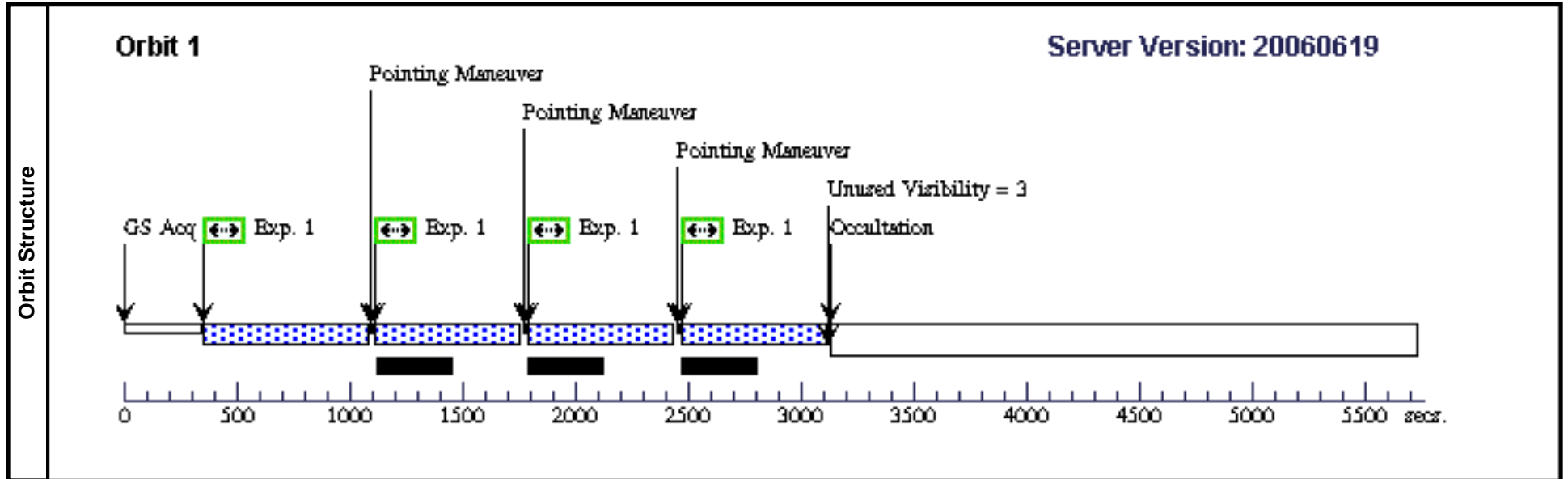


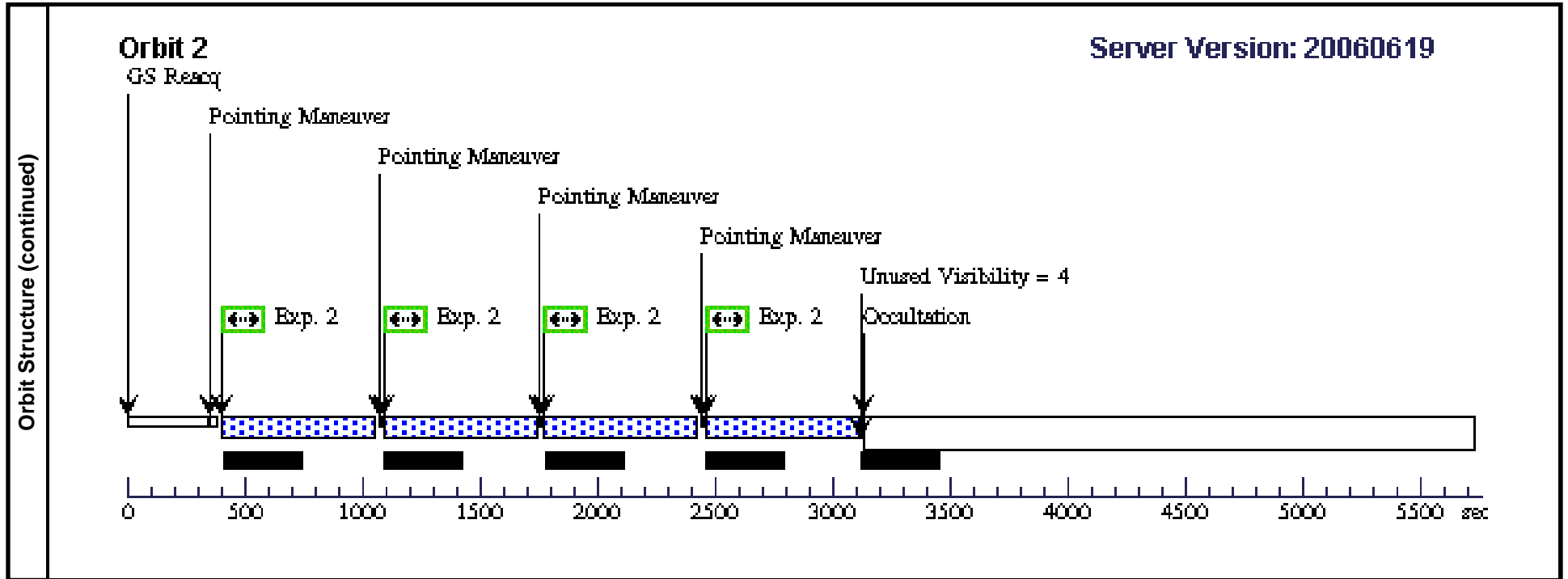


Proposal 10846 - Visit 06 - The Halo Structure of RCS2-2327.4-0204

Sat Oct 14 01:06:07 GMT 2006

Visit	Proposal 10846, Visit 06, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 18.37D TO 23.63D FROM 05									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false		(1), (2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RCS2-2327.4-0204	RA: 23 27 28.2000 (351.8675000d) Dec: -02 04 25.40 (-2.07372d) Equinox: J2000	Redshift: 0.7	V=26.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG 32,-15	Pattern 1-1 (1)	520.0 Secs	
									[==>522.0 Secs (Pattern 1)] [==>522.0 Secs (Pattern 2)] [==>522.0 Secs (Pattern 3)] [==>522.0 Secs (Pattern 4)]	[1]
	2		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG 86,-29.5	Pattern 2-2 (1)	520.0 Secs	
								[==>530.0 Secs (Pattern 1)] [==>530.0 Secs (Pattern 2)] [==>530.0 Secs (Pattern 3)] [==>530.0 Secs (Pattern 4)]	[2]	

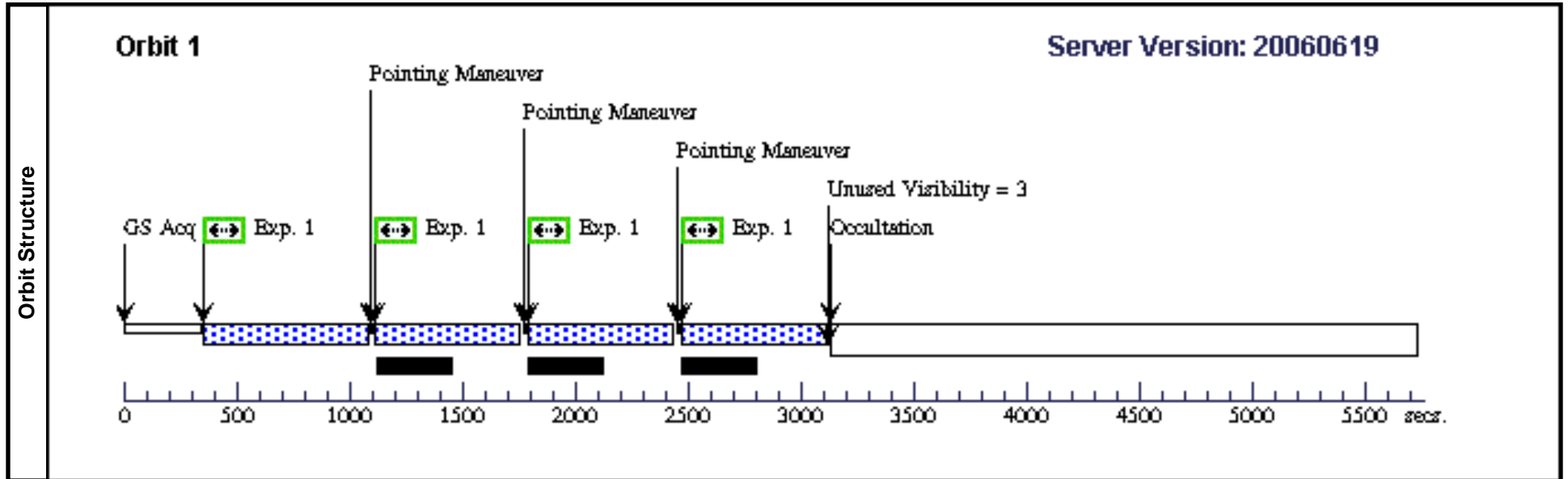


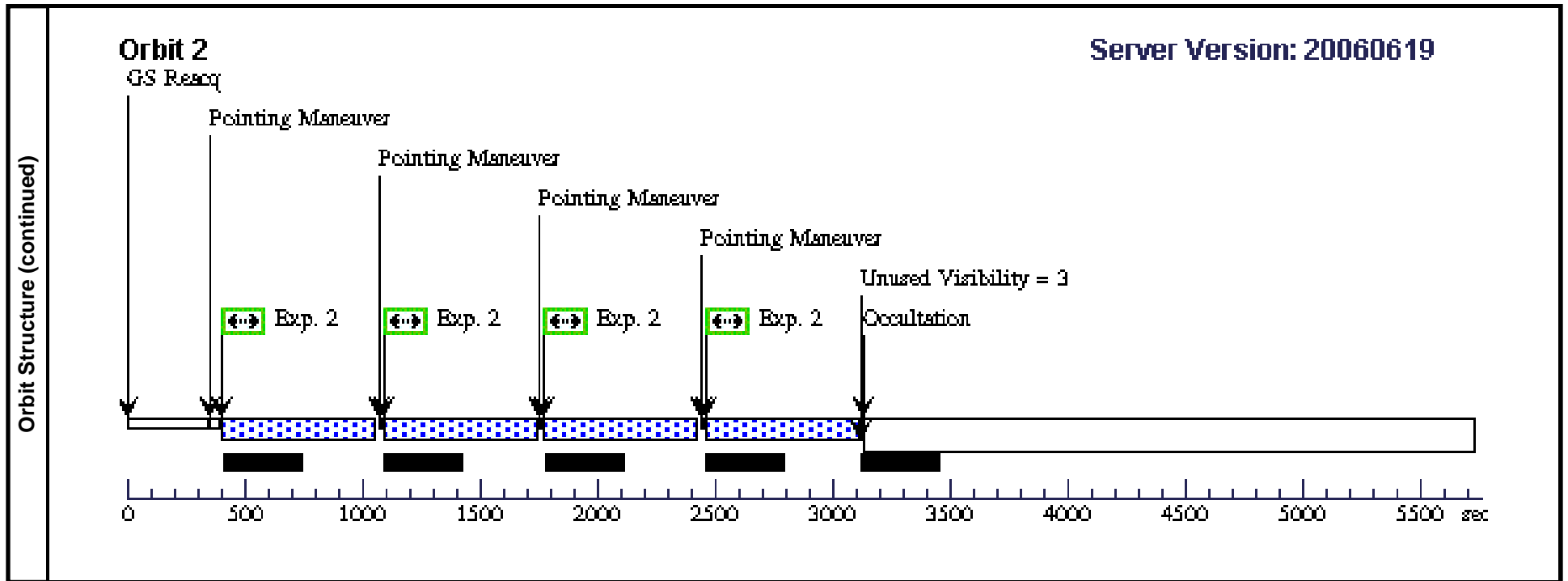


Proposal 10846 - Visit 07 - The Halo Structure of RCS2-2327.4-0204

Sat Oct 14 01:06:08 GMT 2006

Visit	Proposal 10846, Visit 07, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: SAME ORIENT AS 05									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RCS2-2327.4-0204	RA: 23 27 28.2000 (351.8675000d) Dec: -02 04 25.40 (-2.07372d) Equinox: J2000	Redshift: 0.7	V=26.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG -86,14	Pattern 1-1 (1)	520.0 Secs [==>522.0 Secs (Pattern 1)] [==>522.0 Secs (Pattern 2)] [==>522.0 Secs (Pattern 3)] [==>522.0 Secs (Pattern 4)]	[1]
2		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG -32,-6	Pattern 2-2 (1)	520.0 Secs [==>530.0 Secs (Pattern 1)] [==>530.0 Secs (Pattern 2)] [==>530.0 Secs (Pattern 3)] [==>530.0 Secs (Pattern 4)]	[2]	

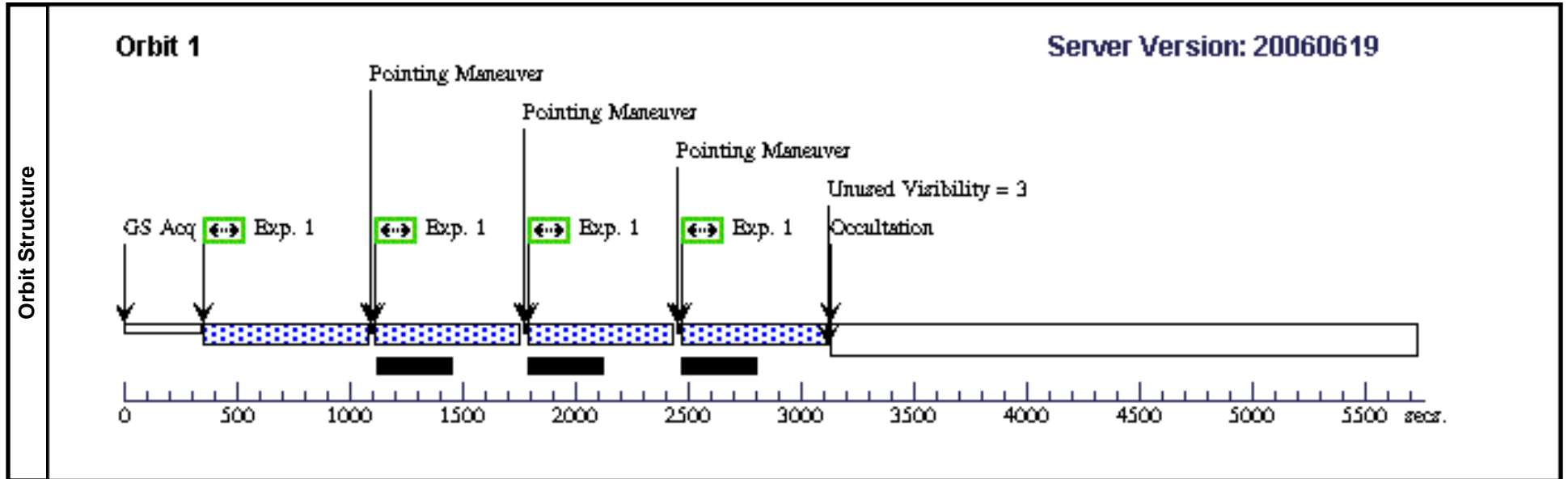


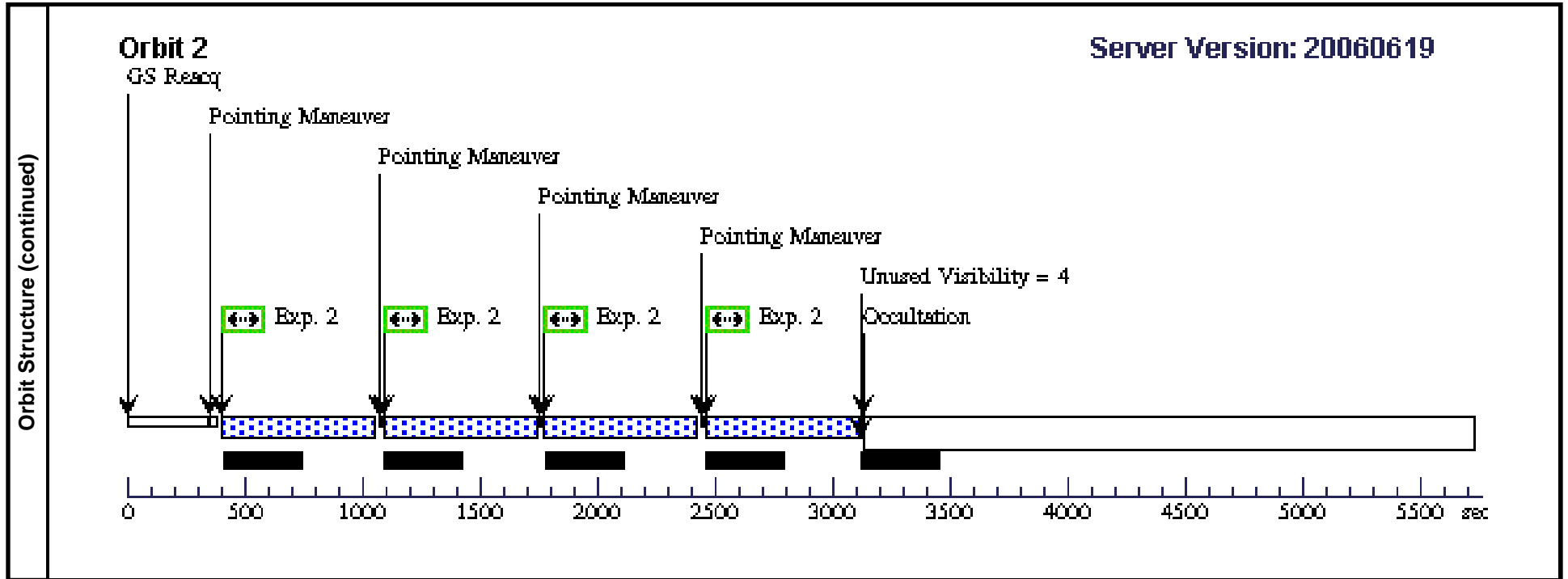


Proposal 10846 - Visit 08 - The Halo Structure of RCS2-2327.4-0204

Sat Oct 14 01:06:08 GMT 2006

Visit	Proposal 10846, Visit 08, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: SAME ORIENT AS 06									
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false		(1), (2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RCS2-2327.4-0204	RA: 23 27 28.2000 (351.8675000d) Dec: -02 04 25.40 (-2.07372d) Equinox: J2000	Redshift: 0.7	V=26.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG 32,-15	Pattern 1-1 (1)	520.0 Secs [==>522.0 Secs (Pattern 1)] [==>522.0 Secs (Pattern 2)] [==>522.0 Secs (Pattern 3)] [==>522.0 Secs (Pattern 4)]	[1]
	2		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG 86,-29.5	Pattern 2-2 (1)	520.0 Secs [==>530.0 Secs (Pattern 1)] [==>530.0 Secs (Pattern 2)] [==>530.0 Secs (Pattern 3)] [==>530.0 Secs (Pattern 4)]	[2]

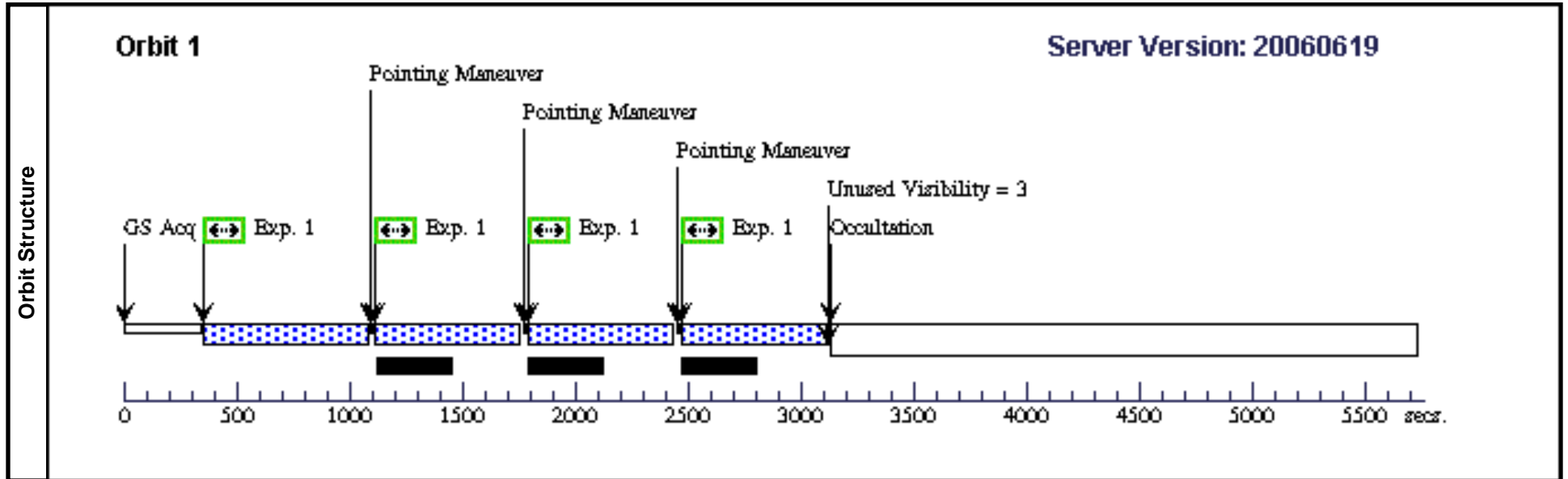


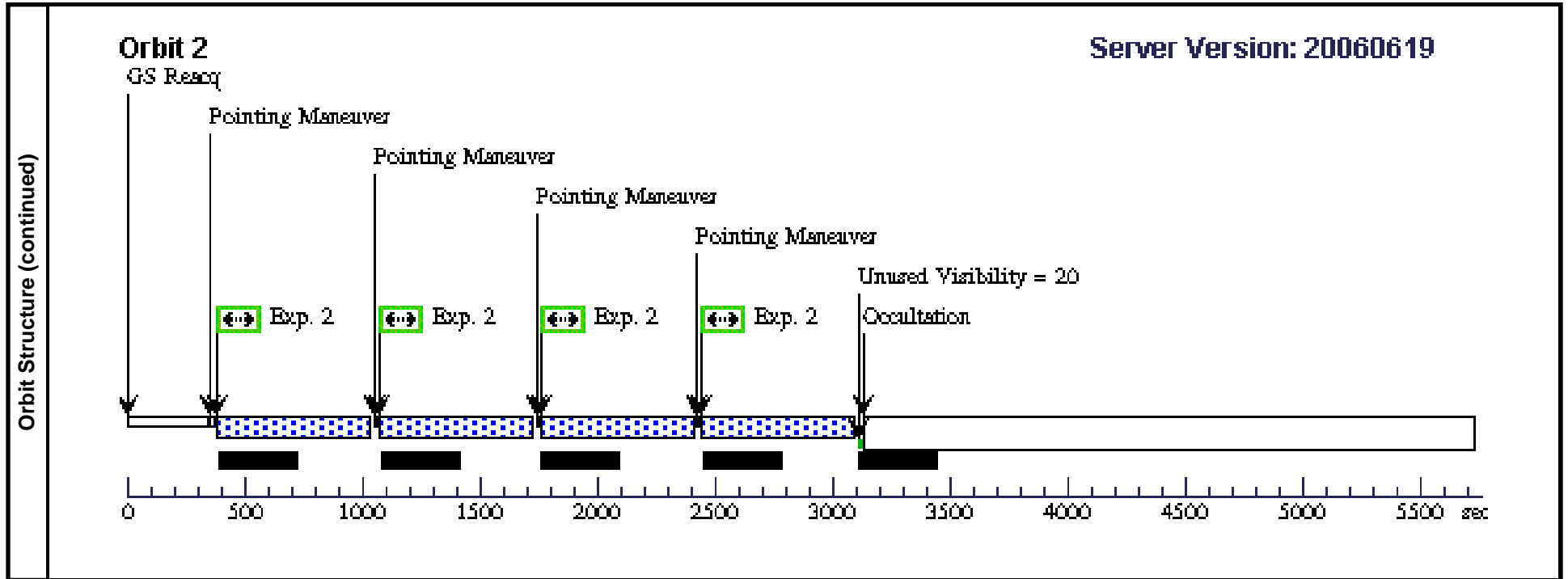


Proposal 10846 - Visit 09 - The Halo Structure of RCS2-2327.4-0204

Sat Oct 14 01:06:08 GMT 2006

Visit	Proposal 10846, Visit 09, failed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RCS2-2327.4-0204	RA: 23 27 28.2000 (351.8675000d) Dec: -02 04 25.40 (-2.07372d) Equinox: J2000	Redshift: 0.7	V=26.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO	POS TARG 5,-5	Pattern 1-1 (1)	520.0 Secs [==>522.0 Secs (Pattern 1)] [==>522.0 Secs (Pattern 2)] [==>522.0 Secs (Pattern 3)] [==>522.0 Secs (Pattern 4)]	[1]
2		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO	POS TARG -5,5	Pattern 2-2 (1)	520.0 Secs [==>530.0 Secs (Pattern 1)] [==>530.0 Secs (Pattern 2)] [==>530.0 Secs (Pattern 3)] [==>530.0 Secs (Pattern 4)]	[2]	

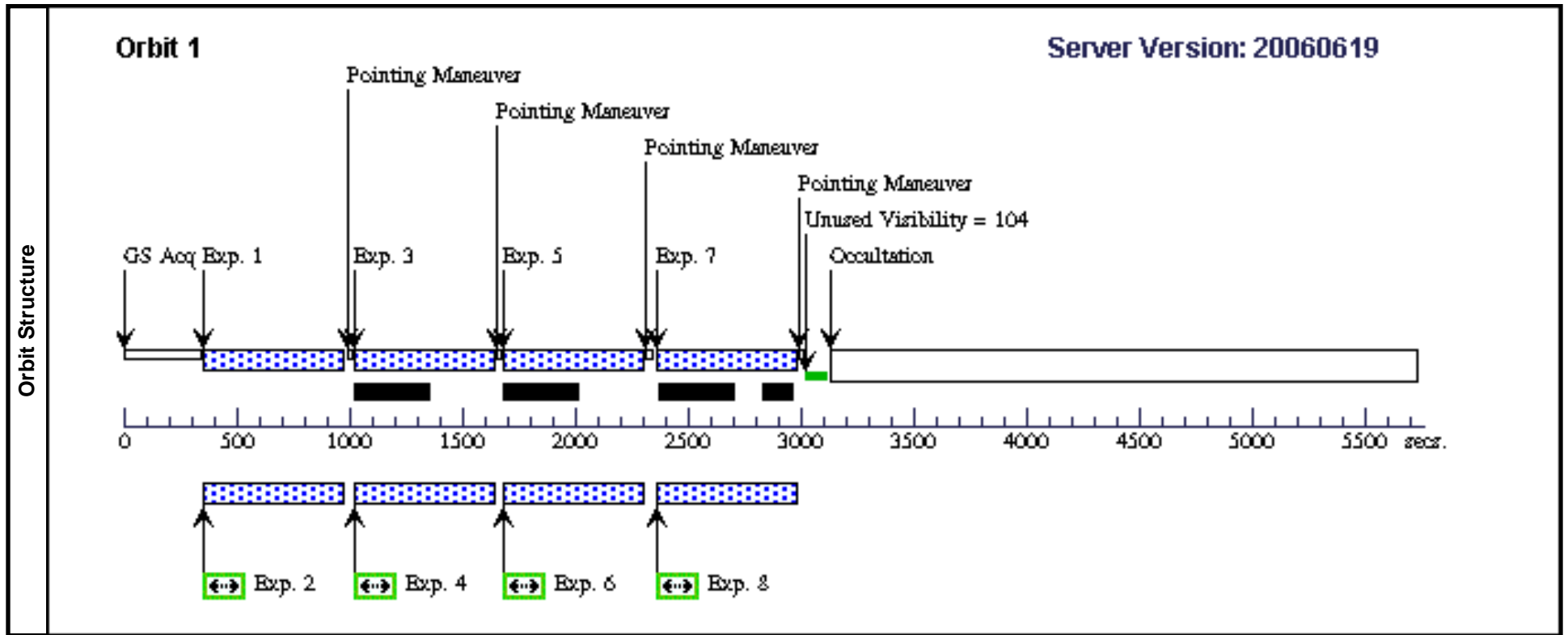


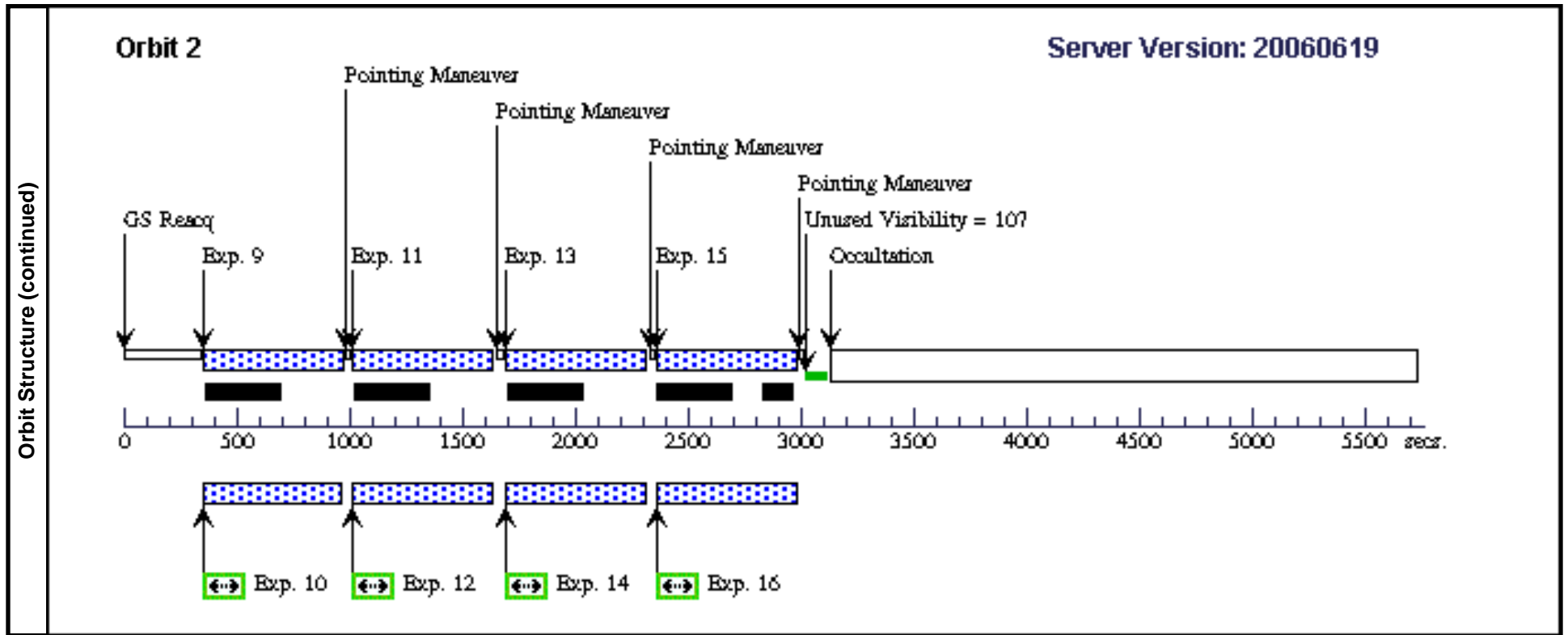


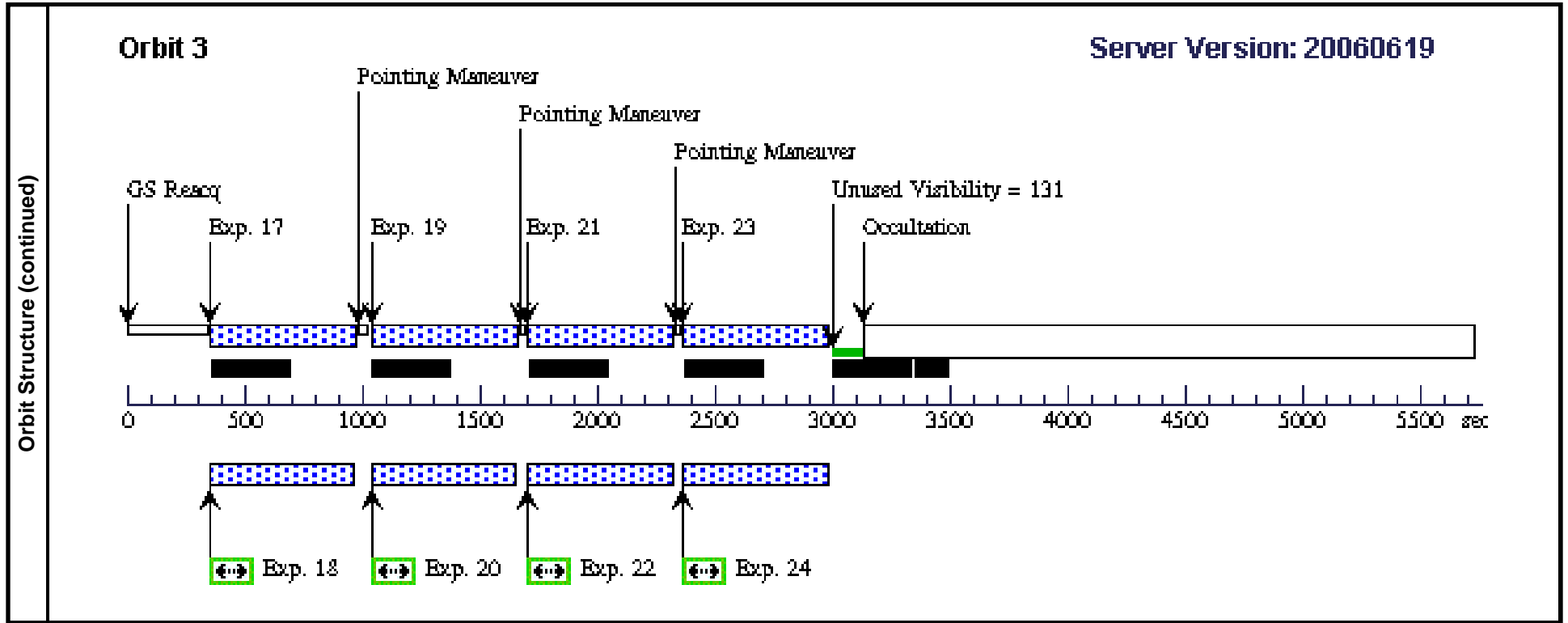
Visit	Proposal 10846, Visit 51 Diagnostic Status: Warning Scientific Instruments: ACS/WFC, NIC3 Special Requirements: ORIENT 194.0D TO 194.0 D										
	Diagnostics	(Visit 51) Warning: POS TARG OUTSIDE OF APERTURE (Visit 51) Warning: POS TARG OUTSIDE OF APERTURE (Visit 51) Warning: POS TARG OUTSIDE OF APERTURE (Visit 51) Warning: POS TARG OUTSIDE OF APERTURE (Visit 51) Warning: POS TARG OUTSIDE OF APERTURE (Visit 51) Warning: POS TARG OUTSIDE OF APERTURE									
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(1)	RCS2-2327.4-0204	RA: 23 27 28.2000 (351.8675000d) Dec: -02 04 25.40 (-2.07372d) Equinox: J2000	Redshift: 0.7	V=26.0	Reference Frame: ICRS				
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 32.1,32.1; GS ACQ SCENARI O BASE1TNS	Prime + Parallel Group 1-2	[==>]	[1]
		2	ANY		ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-2	100.0 Secs [==>413.0 Secs]	[1]
	3		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 25.6,25.6	Prime + Parallel Group 3-4	[==>]	[1]	
	4	ANY		ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 3-4	100.0 Secs [==>497.0 Secs]	[1]	
	5		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 19.1,19.1	Prime + Parallel Group 5-6	[==>]	[1]	
	6	ANY		ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-6	300.0 Secs [==>497.0 Secs]	[1]	
	7		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -19.1,-19.1	Prime + Parallel Group 7-8	[==>]	[1]	
	8	ANY		ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 7-8	300.0 Secs [==>497.0 Secs]	[1]	
	9		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -25.6,-25.6	Prime + Parallel Group 9-10	[==>]	[2]	

Proposal 10846 - Visit 51 - The Halo Structure of RCS2-2327.4-0204

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures (continued)	10	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 9-10	100.0 Secs [==>493.0 Secs]	[2]
	11	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -32.1,-32.1	Prime + Parallel Group 11-12	[==>]	[2]
	12	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 11-12	300.0 Secs [==>497.0 Secs]	[2]
	13	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 19.1,-32.1	Prime + Parallel Group 13-14	[==>]	[2]
	14	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 13-14	300.0 Secs [==>497.0 Secs]	[2]
	15	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 25.6,-25.6	Prime + Parallel Group 15-16	[==>]	[2]
	16	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 15-16	300.0 Secs [==>497.0 Secs]	[2]
	17	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 32.1,-19.6	Prime + Parallel Group 17-18	[==>]	[3]
	18	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 17-18	100.0 Secs [==>493.0 Secs]	[3]
	19	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -19.1,32.1	Prime + Parallel Group 19-20	[==>]	[3]
	20	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 19-20	100.0 Secs [==>493.0 Secs]	[3]
	21	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -25.6,25.6	Prime + Parallel Group 21-22	[==>]	[3]
	22	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 21-22	300.0 Secs [==>497.0 Secs]	[3]
	23	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -32.1,19.6	Prime + Parallel Group 23-24	[==>]	[3]
	24	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 23-24	300.0 Secs [==>497.0 Secs]	[3]



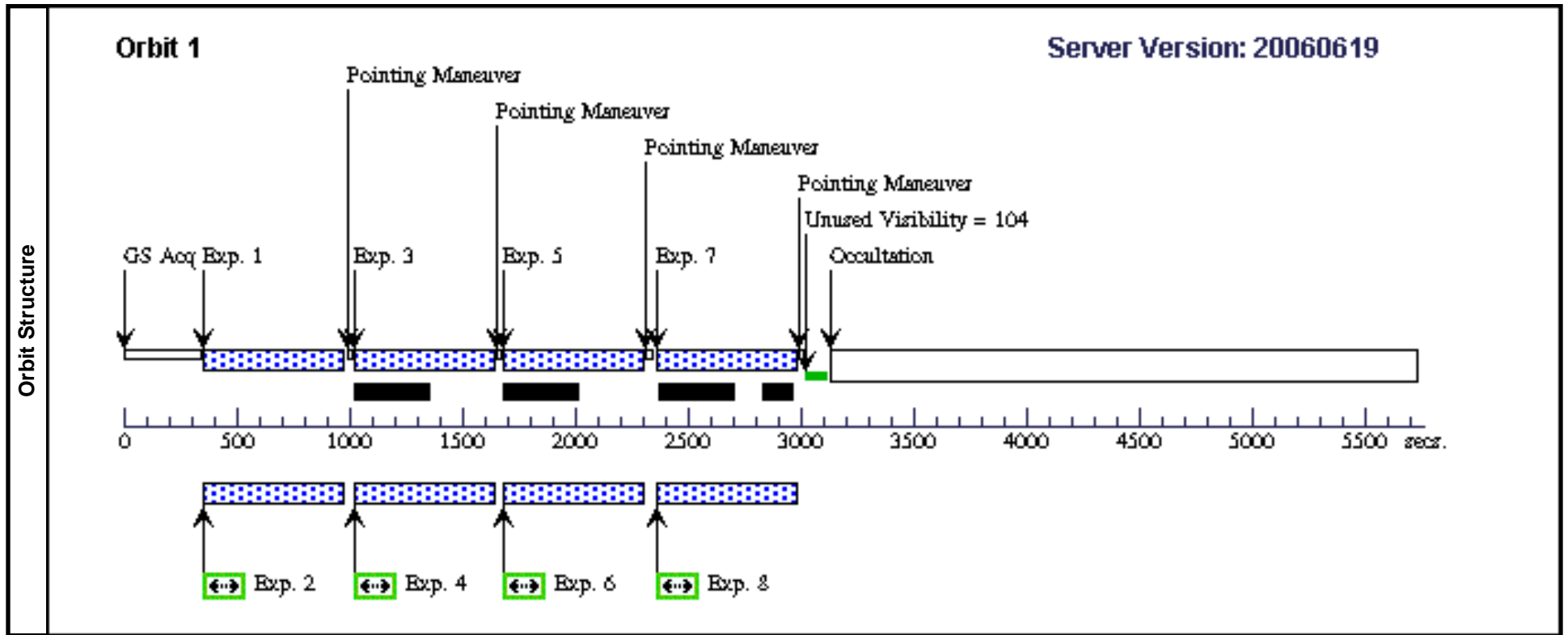


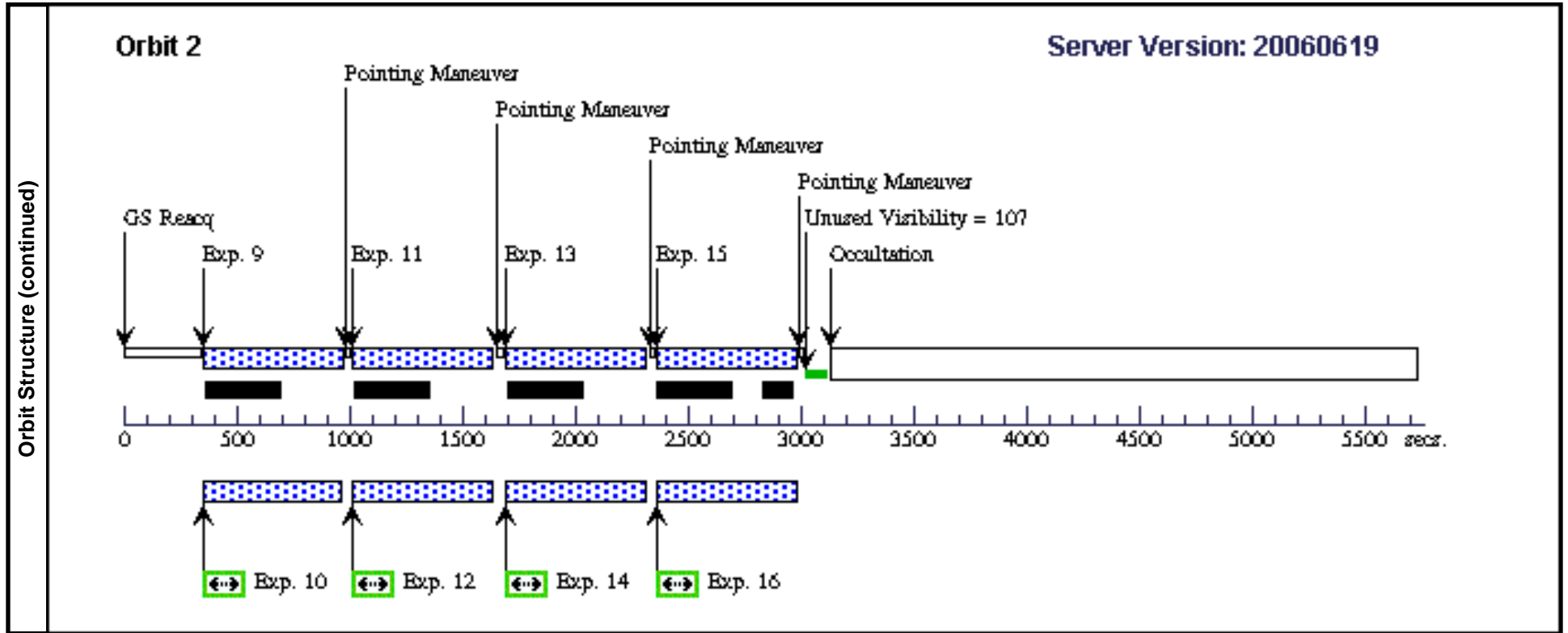


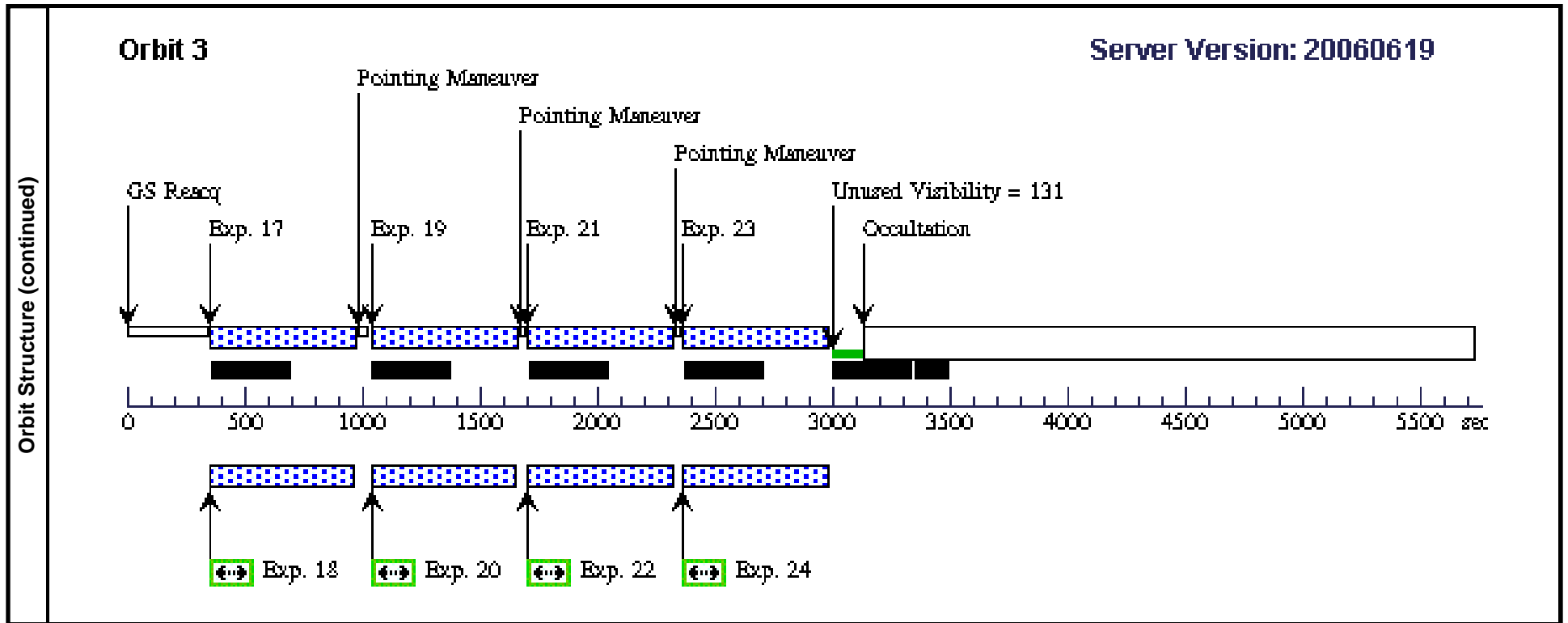
Visit	Proposal 10846, Visit 53 Diagnostic Status: Warning Scientific Instruments: ACS/WFC, NIC3 Special Requirements: ORIENT 28.0D TO 30.0D FROM 51										
	Diagnostics	(Visit 53) Warning: POS TARG OUTSIDE OF APERTURE (Visit 53) Warning: POS TARG OUTSIDE OF APERTURE (Visit 53) Warning: POS TARG OUTSIDE OF APERTURE (Visit 53) Warning: POS TARG OUTSIDE OF APERTURE (Visit 53) Warning: POS TARG OUTSIDE OF APERTURE (Visit 53) Warning: POS TARG OUTSIDE OF APERTURE									
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(1)	RCS2-2327.4-0204	RA: 23 27 28.2000 (351.8675000d) Dec: -02 04 25.40 (-2.07372d) Equinox: J2000	Redshift: 0.7	V=26.0	Reference Frame: ICRS				
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 32.1,32.1; GS ACQ SCENARI O BASE1TNS	Prime + Parallel Group 1-2	[==>]	[1]
		2		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-2	100.0 Secs [==>413.0 Secs]	[1]
	3		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 25.6,25.6	Prime + Parallel Group 3-4	[==>]	[1]	
	4		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 3-4	100.0 Secs [==>497.0 Secs]	[1]	
	5		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 19.1,19.1	Prime + Parallel Group 5-6	[==>]	[1]	
	6		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-6	300.0 Secs [==>497.0 Secs]	[1]	
	7		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -19.1,-19.1	Prime + Parallel Group 7-8	[==>]	[1]	
	8		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 7-8	300.0 Secs [==>497.0 Secs]	[1]	
9		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -25.6,-25.6	Prime + Parallel Group 9-10	[==>]	[2]		

Proposal 10846 - Visit 53 - The Halo Structure of RCS2-2327.4-0204

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	10	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 9-10	100.0 Secs [==>493.0 Secs]	[2]	
	11	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -32.1,-32.1	Prime + Parallel Group 11-12	[==>]	[2]	
	12	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 11-12	300.0 Secs [==>497.0 Secs]	[2]	
	13	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 19.1,-32.1	Prime + Parallel Group 13-14	[==>]	[2]	
	14	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 13-14	300.0 Secs [==>497.0 Secs]	[2]	
	15	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 25.6,-25.6	Prime + Parallel Group 15-16	[==>]	[2]	
	16	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 15-16	300.0 Secs [==>497.0 Secs]	[2]	
	17	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 32.1,-19.6	Prime + Parallel Group 17-18	[==>]	[3]	
	18	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 17-18	100.0 Secs [==>493.0 Secs]	[3]	
	19	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -19.1,32.1	Prime + Parallel Group 19-20	[==>]	[3]	
	20	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 19-20	100.0 Secs [==>493.0 Secs]	[3]	
	21	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -25.6,25.6	Prime + Parallel Group 21-22	[==>]	[3]	
	22	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 21-22	300.0 Secs [==>497.0 Secs]	[3]	
	23	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F110W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -32.1,19.6	Prime + Parallel Group 23-24	[==>]	[3]	
	24	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 23-24	300.0 Secs [==>497.0 Secs]	[3]	



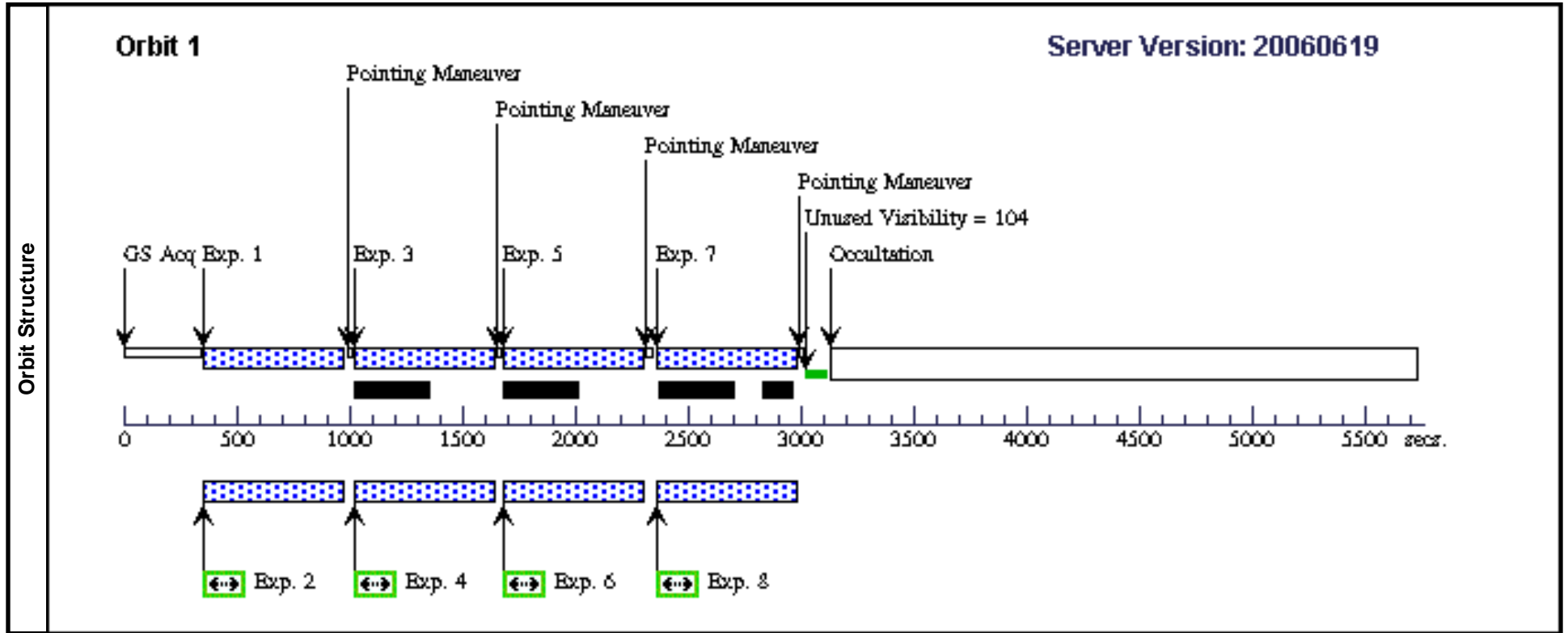


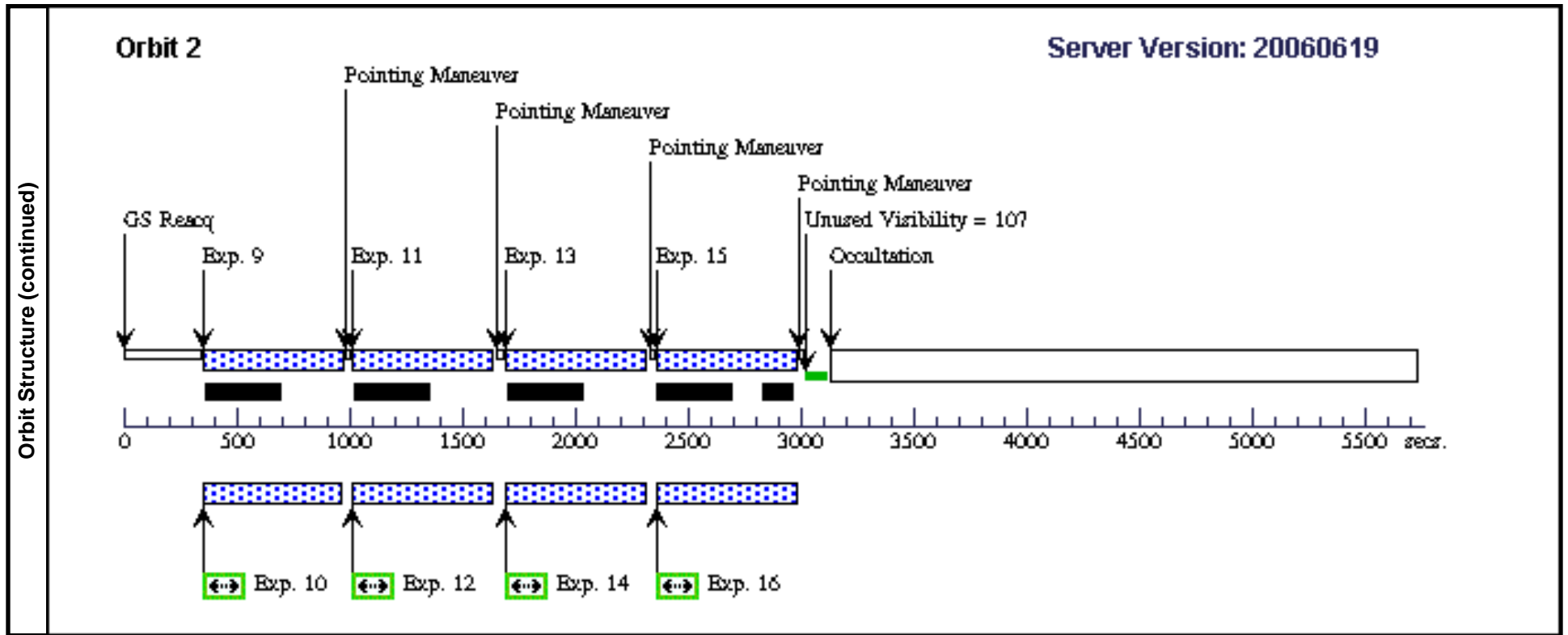


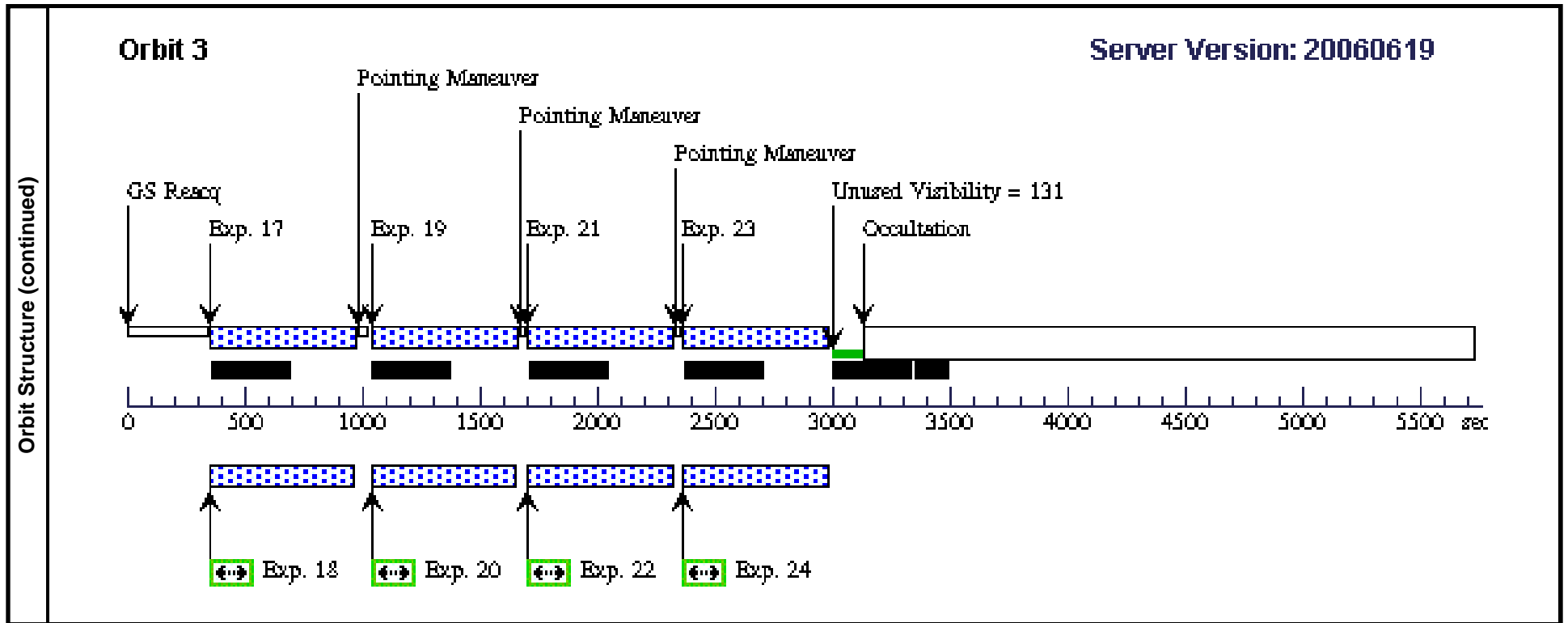
Visit	Proposal 10846, Visit 54 Diagnostic Status: Warning Scientific Instruments: ACS/WFC, NIC3 Special Requirements: SAME ORIENT AS 53										
	Diagnostics	(Visit 54) Warning: POS TARG OUTSIDE OF APERTURE (Visit 54) Warning: POS TARG OUTSIDE OF APERTURE (Visit 54) Warning: POS TARG OUTSIDE OF APERTURE (Visit 54) Warning: POS TARG OUTSIDE OF APERTURE (Visit 54) Warning: POS TARG OUTSIDE OF APERTURE (Visit 54) Warning: POS TARG OUTSIDE OF APERTURE									
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(1)	RCS2-2327.4-0204	RA: 23 27 28.2000 (351.8675000d) Dec: -02 04 25.40 (-2.07372d) Equinox: J2000	Redshift: 0.7	V=26.0	Reference Frame: ICRS				
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 32.1,32.1; GS ACQ SCENARI O BASE1TNS	Prime + Parallel Group 1-2	[==>]	[1]
		2		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-2	100.0 Secs [==>413.0 Secs]	[1]
	3		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 25.6,25.6	Prime + Parallel Group 3-4	[==>]	[1]	
	4		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 3-4	100.0 Secs [==>497.0 Secs]	[1]	
	5		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 19.1,19.1	Prime + Parallel Group 5-6	[==>]	[1]	
	6		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 5-6	300.0 Secs [==>497.0 Secs]	[1]	
	7		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -19.1,-19.1	Prime + Parallel Group 7-8	[==>]	[1]	
	8		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 7-8	300.0 Secs [==>497.0 Secs]	[1]	
	9		(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -25.6,-25.6	Prime + Parallel Group 9-10	[==>]	[2]	

Proposal 10846 - Visit 54 - The Halo Structure of RCS2-2327.4-0204

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	10	(1) RCS2-2327.4-0204	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 9-10	100.0 Secs [==>493.0 Secs]	[2]
	11	(1) RCS2-2327.4-0204	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -32.1,-32.1	Prime + Parallel Group 11-12	[==>]	[2]
	12	(1) RCS2-2327.4-0204	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 11-12	300.0 Secs [==>497.0 Secs]	[2]
	13	(1) RCS2-2327.4-0204	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 19.1,-32.1	Prime + Parallel Group 13-14	[==>]	[2]
	14	(1) RCS2-2327.4-0204	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 13-14	300.0 Secs [==>497.0 Secs]	[2]
	15	(1) RCS2-2327.4-0204	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 25.6,-25.6	Prime + Parallel Group 15-16	[==>]	[2]
	16	(1) RCS2-2327.4-0204	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 15-16	300.0 Secs [==>497.0 Secs]	[2]
	17	(1) RCS2-2327.4-0204	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG 32.1,-19.6	Prime + Parallel Group 17-18	[==>]	[3]
	18	(1) RCS2-2327.4-0204	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 17-18	100.0 Secs [==>493.0 Secs]	[3]
	19	(1) RCS2-2327.4-0204	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -19.1,32.1	Prime + Parallel Group 19-20	[==>]	[3]
	20	(1) RCS2-2327.4-0204	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 19-20	100.0 Secs [==>493.0 Secs]	[3]
	21	(1) RCS2-2327.4-0204	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -25.6,25.6	Prime + Parallel Group 21-22	[==>]	[3]
	22	(1) RCS2-2327.4-0204	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 21-22	300.0 Secs [==>497.0 Secs]	[3]
	23	(1) RCS2-2327.4-0204	(1) RCS2-2327.4-0204	NIC3, MULTIACCUM, NIC3-FIX	F160W	NSAMP=21; SAMP-SEQ=SPARS 32	POS TARG -32.1,19.6	Prime + Parallel Group 23-24	[==>]	[3]
	24	(1) RCS2-2327.4-0204	(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 23-24	300.0 Secs [==>497.0 Secs]	[3]







Proposal 10846 - Visit 59 - The Halo Structure of RCS2-2327.4-0204

Sat Oct 14 01:06:14 GMT 2006

Visit	Proposal 10846, Visit 59, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none) <i>Comments: This is a repeat of visit 09.</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RCS2-2327.4-0204	RA: 23 27 28.2000 (351.8675000d) Dec: -02 04 25.40 (-2.07372d) Equinox: J2000	Redshift: 0.7	V=26.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO	POS TARG 5,-5	Pattern 1-1 (1)	520.0 Secs [==>522.0 Secs (Pattern 1)] [==>522.0 Secs (Pattern 2)] [==>522.0 Secs (Pattern 3)] [==>522.0 Secs (Pattern 4)]	[1]
2		(1) RCS2-2327.4-0204	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO	POS TARG -5,5	Pattern 2-2 (1)	520.0 Secs [==>530.0 Secs (Pattern 1)] [==>530.0 Secs (Pattern 2)] [==>530.0 Secs (Pattern 3)] [==>530.0 Secs (Pattern 4)]	[2]	

