11677 - Is 47 Tuc Young? Measuring its White Dwarf Cooling Age and Completing a Hubble Legacy

Cycle: 17, Proposal Category: GO

(Large Program)

(Availability Mode: AVAILABLE)

INVESTIGATORS

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VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR WFC3/UVIS	5	23-Apr-2010 21:03:42.0	yes
02	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR WFC3/UVIS	5	23-Apr-2010 21:04:05.0	yes
03	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR WFC3/UVIS	5	23-Apr-2010 21:04:25.0	yes
04	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR WFC3/UVIS	5	23-Apr-2010 21:04:44.0	yes
05	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR WFC3/UVIS	5	23-Apr-2010 21:05:03.0	yes
25	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR WFC3/UVIS	5	23-Apr-2010 21:05:23.0	yes
06	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR WFC3/UVIS	5	23-Apr-2010 21:05:41.0	yes
07	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR WFC3/UVIS	5	23-Apr-2010 21:05:58.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
08	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR WFC3/UVIS	5	23-Apr-2010 21:06:16.0	yes
09	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR WFC3/UVIS	5	23-Apr-2010 21:06:35.0	yes
10	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR WFC3/UVIS	5	23-Apr-2010 21:06:51.0	yes
11	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR WFC3/UVIS	5	23-Apr-2010 21:07:09.0	yes
12	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR WFC3/UVIS	5	23-Apr-2010 21:07:26.0	yes
13	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR WFC3/UVIS	5	23-Apr-2010 21:07:46.0	yes
14	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR	5	23-Apr-2010 21:08:00.0	yes
15	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR	5	23-Apr-2010 21:08:16.0	yes
16	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR	5	23-Apr-2010 21:08:32.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
17	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR	5	23-Apr-2010 21:08:48.0	yes
18	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR	5	23-Apr-2010 21:09:02.0	yes
19	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR	5	23-Apr-2010 21:09:17.0	yes
20	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR	5	23-Apr-2010 21:09:32.0	yes
21	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR	5	23-Apr-2010 21:09:47.0	yes
22	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR	5	23-Apr-2010 21:10:03.0	yes
23	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR	5	23-Apr-2010 21:10:20.0	yes
24	(1) NGC-0104-6W ANY	ACS/WFC WFC3/IR	6	23-Apr-2010 21:10:36.0	yes

126 Total Orbits Used

ABSTRACT

With this proposal we will firmly establish the age of 47 Tuc from its cooling white dwarfs. 47 Tuc is the nearest and least reddened of the metal-rich disk globular clusters. It is also the template used for studying the giant branches of nearby resolved galaxies. In addition, the age sensitive magnitude spread between the main sequence turnoff and horizontal branch is identical for 47 Tuc, two bulge globular clusters and the bulge field population. A precise relative age constraint for 47 Tuc, compared to the halo clusters M4 and NGC 6397, both of which we recently dated via white dwarf cooling, would therefore constrain when the bulge formed relative to the old halo globular clusters. Of particular interest is that with the higher quality ACS

data on NGC 6397, we are now capable with the technique of white dwarf cooling of determining ages to an accuracy of +/-0.4 Gyrs at the 95% confidence level. Ages derived from the cluster turnoff are not currently capable of reaching this precision.The important role that 47 Tuc plays in galaxy formation studies, and as the metal-rich template for the globular clusters, makes the case for a white dwarf cooling age for this metal-rich cluster compelling.

Several recent analyses have suggested that 47 Tuc is more than 2 Gyrs younger than the Galactic halo. Others have suggested an age similar to that of the most metal poor globular clusters. The current situation is clearly uncertain and obviously a new approach to age dating this important cluster is required.

With the observations of 47 Tuc, this project will complete a legacy for HST. It will be the third globular cluster observed for white dwarf cooling; the three covering almost the full metallicity range of the cluster system. Unless JWST has its proposed bluer filters (700 and 900 nm) this science will not be possible perhaps for decades until a large optical telescope is again in space. Ages for globular clusters from the main sequence turnoff are less precise than those from white dwarf cooling making the science with the current proposal truly urgent.

OBSERVING DESCRIPTION

Our primary field will be observed with the WFC and will image the field observed in GO-10101. This is also the outer calibration field in 47Tuc. We will also observe in parallel with WFC3. Half of our orbits will be taken with an orientation such that the WFC3 covers a field observed over several orbits in GO-9488, so that proper-motion cleaning will be possible down to faint magnitudes. These observations will be dithered such that a given star will not fall on a given pixel in more than one of the 60 exposures. The other half of the orbits will be taken at a range of orientations. The parallel field will sweep out a continuous swath of the cluster from near the center to about 12 arcminutes distance (25 core radii), so that we can study the radial distribution of the MF, anisotropy, binaries, etc. The variable orientations will also allow us to empirically determine the CTE correction for the primary field. This is critical, as the available CTE calibrations do not reach our regime here, where we are observing extremely faint objects on moderate backgrounds.

The ACS observations will be equally distributed between F606W and F814W while the parallel WFC3 exposures are primarily in F110W and

F160W with a few in F390W and F606W.

Visit

Proposal 11677, Visit 01, completed Sat Apr 24 01:10:49 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC, WFC3/UVIS

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 136D TO 136 D

Diagnostics

(Visit 01) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 01) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 01) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 01) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

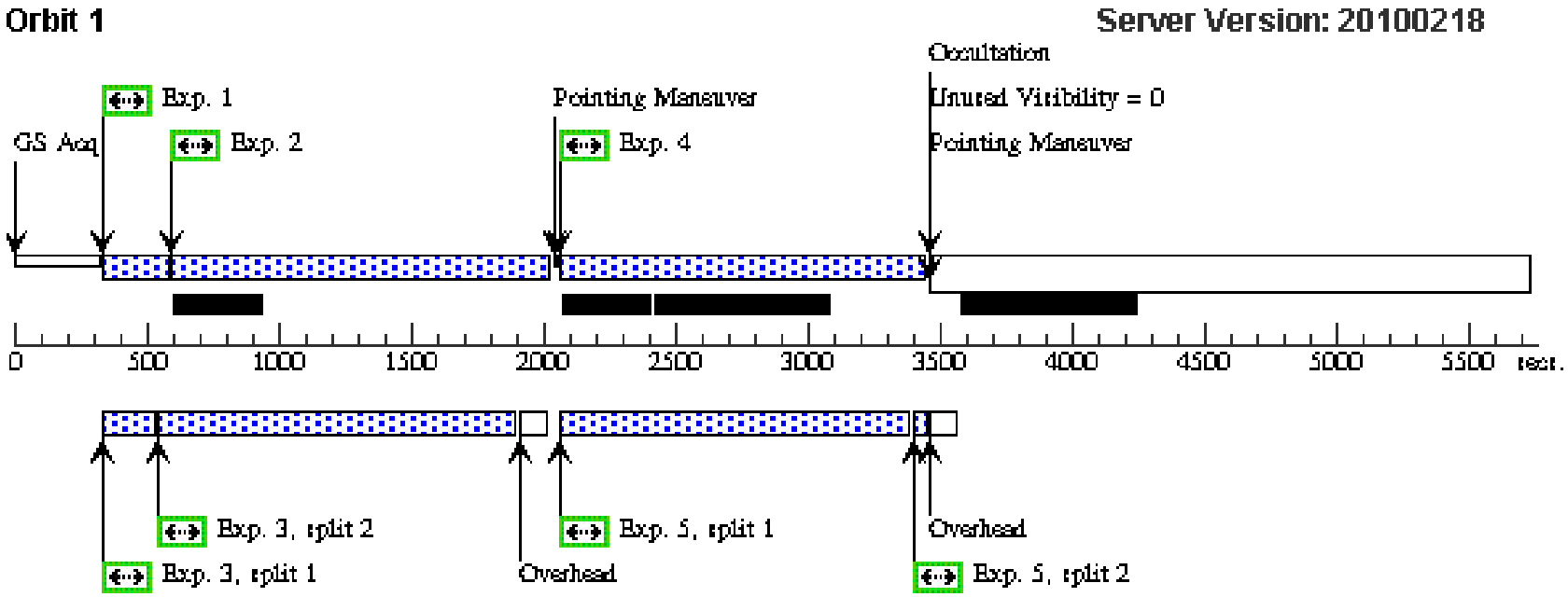
Comments: This object was generated by the targetselector and retrieved from the NED database.

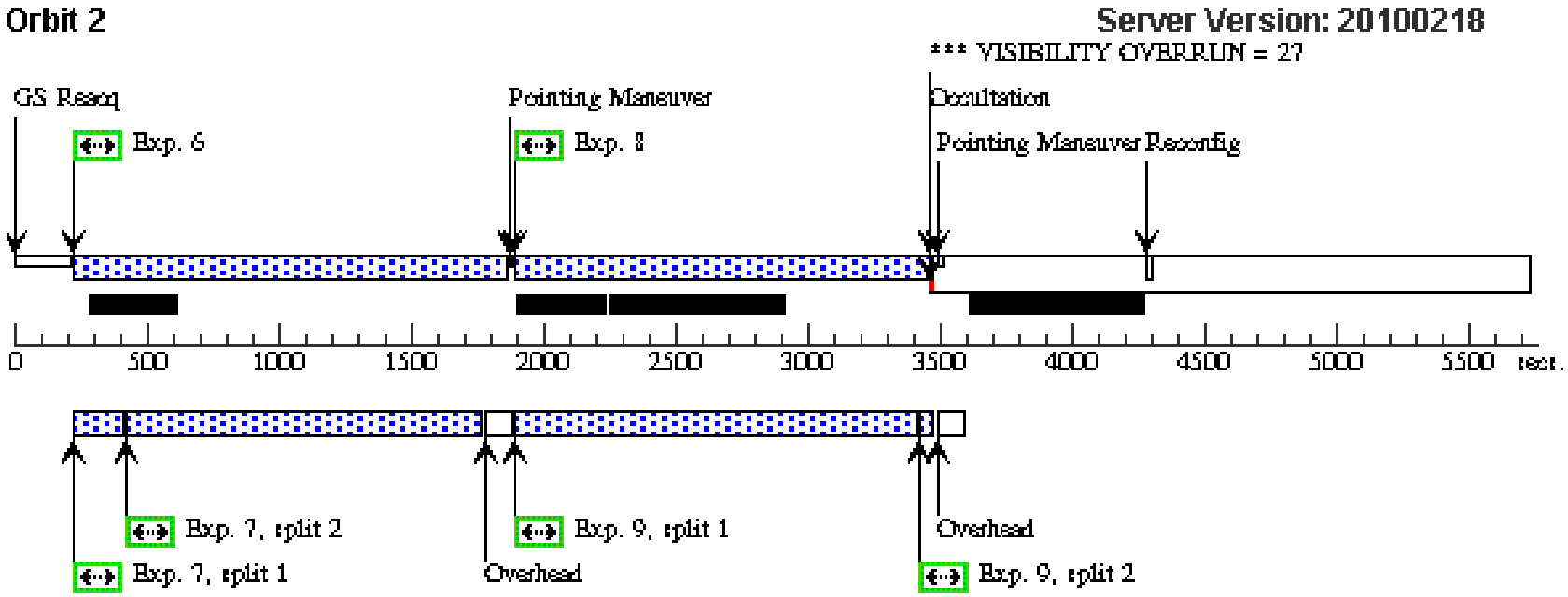
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1 Secs *[==>1.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1500 Secs *[==>1303.0 Secs]*	 ***[1]***
3		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 1-3	1500.0 Secs *[==>50 Secs (Split 1)]* *[==>1355 Secs (Split 2)]*	 ***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.75,3.75	Prime + Parallel Group 4-5	1500 Secs *[==>1261.0 Secs]*	 ***[1]***
5		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 4-5	1500.0 Secs *[==>1206.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 6-7	1500 Secs *[==>50.0 Secs (Split 1)]* *[==>1347.0 Secs (Split 2)]*	 ***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.75,3.75	Prime + Parallel Group 8-9	1500 Secs *[==>1456.0 Secs]*	 ***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 8-9	1500 Secs *[==>1402.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.75,-3.75	Prime + Parallel Group 10-12	1500 Secs *[==>1457.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.5,-7.5	Prime + Parallel Group 13-15	1500 Secs *[==>1456.0 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPARS10		Prime + Parallel Group 13-15	*[==>]*	***[3]***

	16	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.757,-3.75	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***
	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.5,-7.5	Prime + Parallel Group 19-21	1500 Secs *[==>1456.0 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0	Prime + Parallel Group 25-27	1500 Secs *[==>1443.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure

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Exp. 8
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Pointing Maneuver Reconfig
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1500
2000
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3000
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5500
sec.
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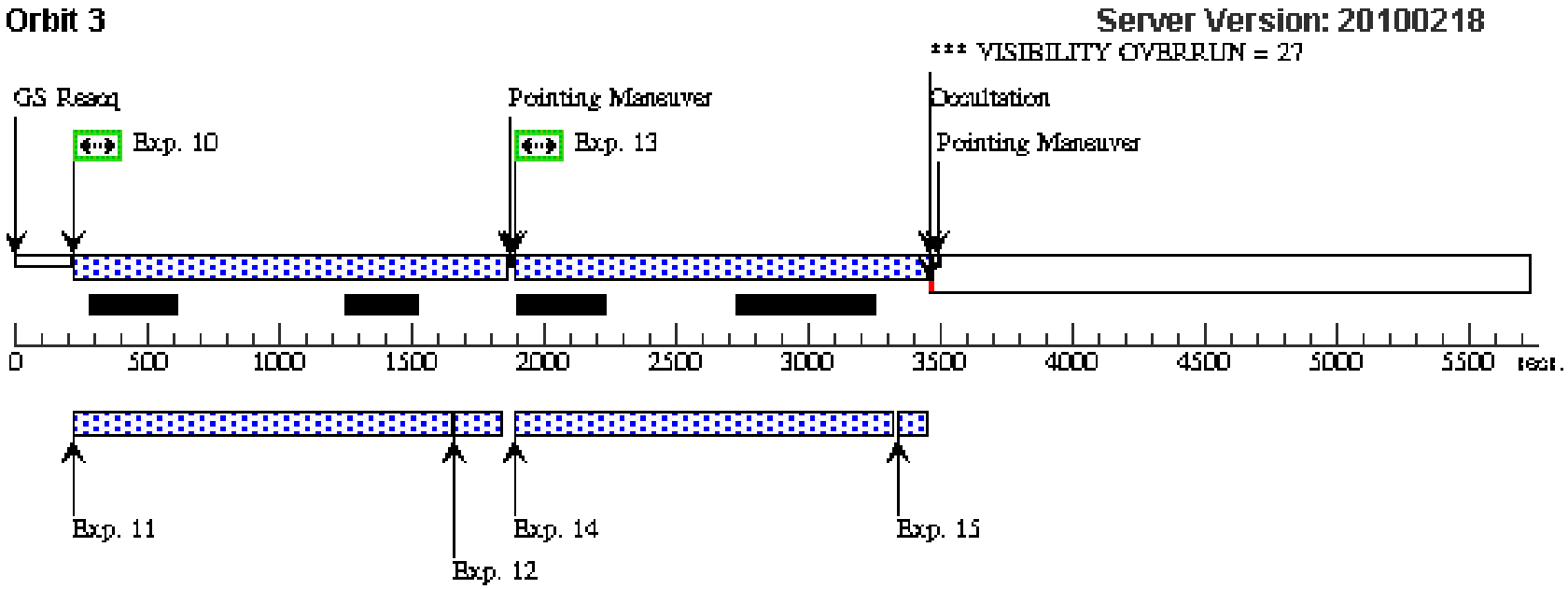
Exp. 7, split 1
Exp. 9, split 1
Overhead
Overhead
Exp. 9, split 2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Server Version: 20100218
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Exp. 10
Pointing Maneuver
Exp. 13
Occultation
Pointing Maneuver
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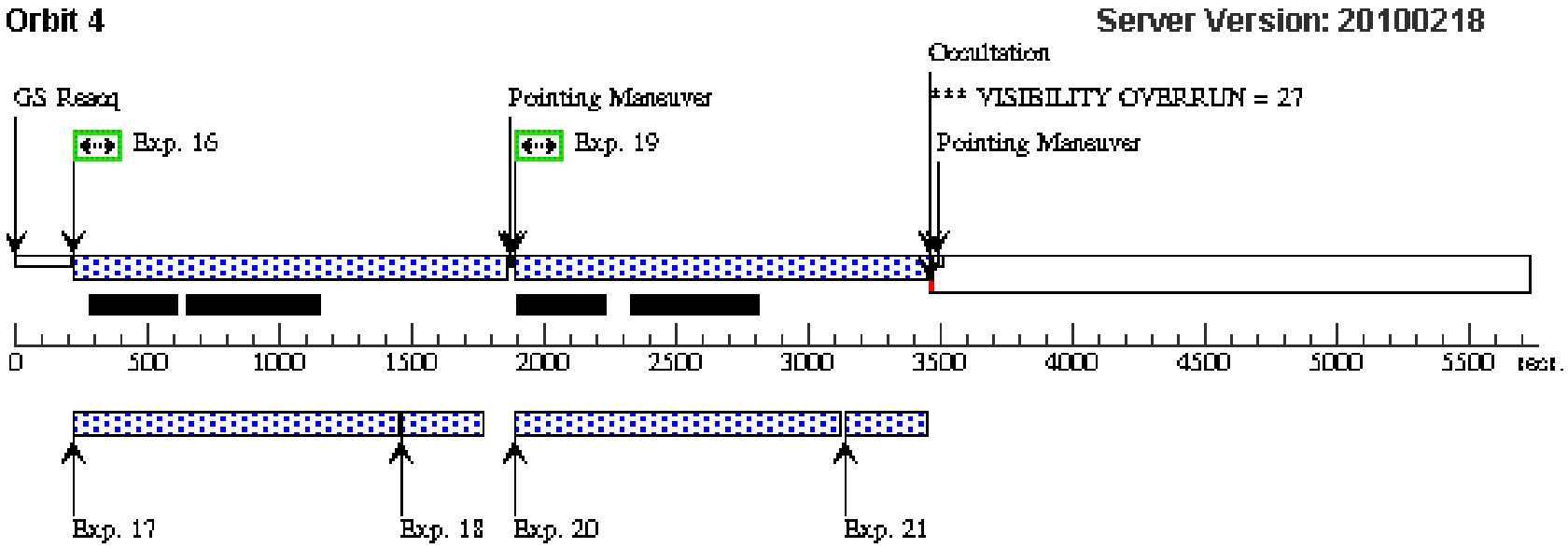
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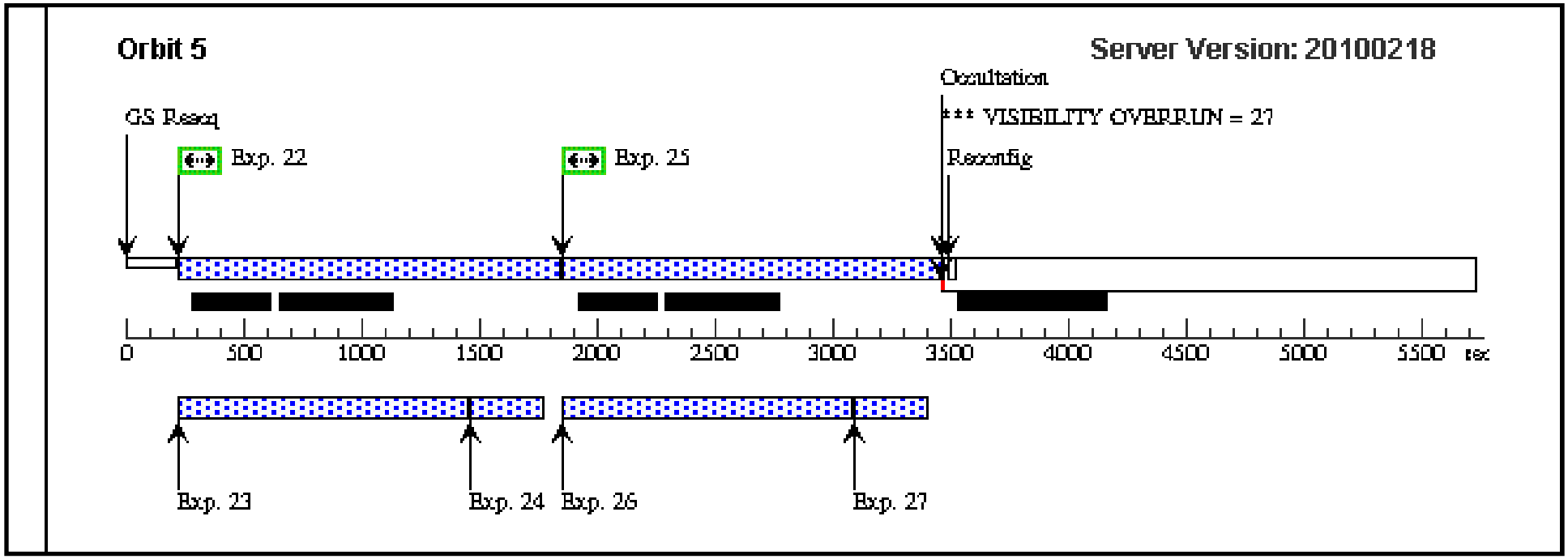
Exp. 18
Exp. 20
Exp. 21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3000
3500
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4500
5000
5500
sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 02, completed Sat Apr 24 01:10:53 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC, WFC3/UVIS

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 156D TO 156 D

Diagnostics

(Visit 02) Warning (Orbit Planner): VISIBILITY OVERRUN

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(Visit 02) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 02) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

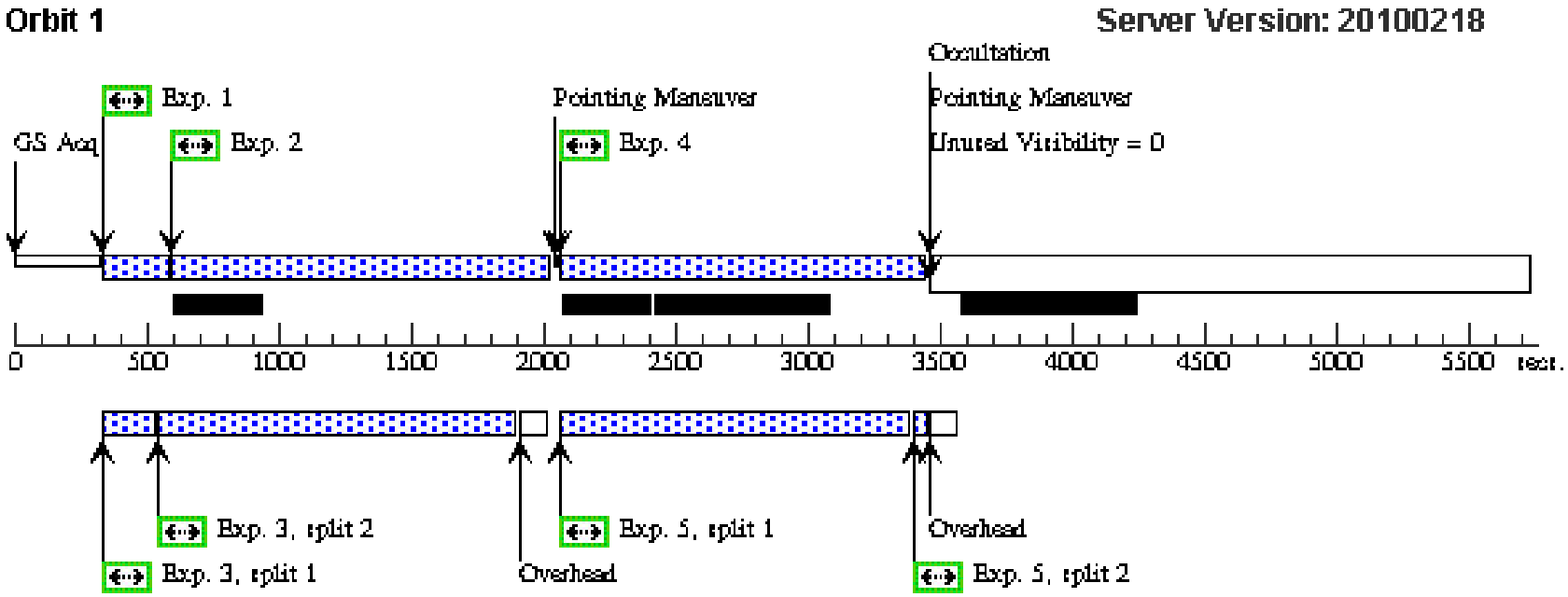
Comments: This object was generated by the targetselector and retrieved from the NED database.

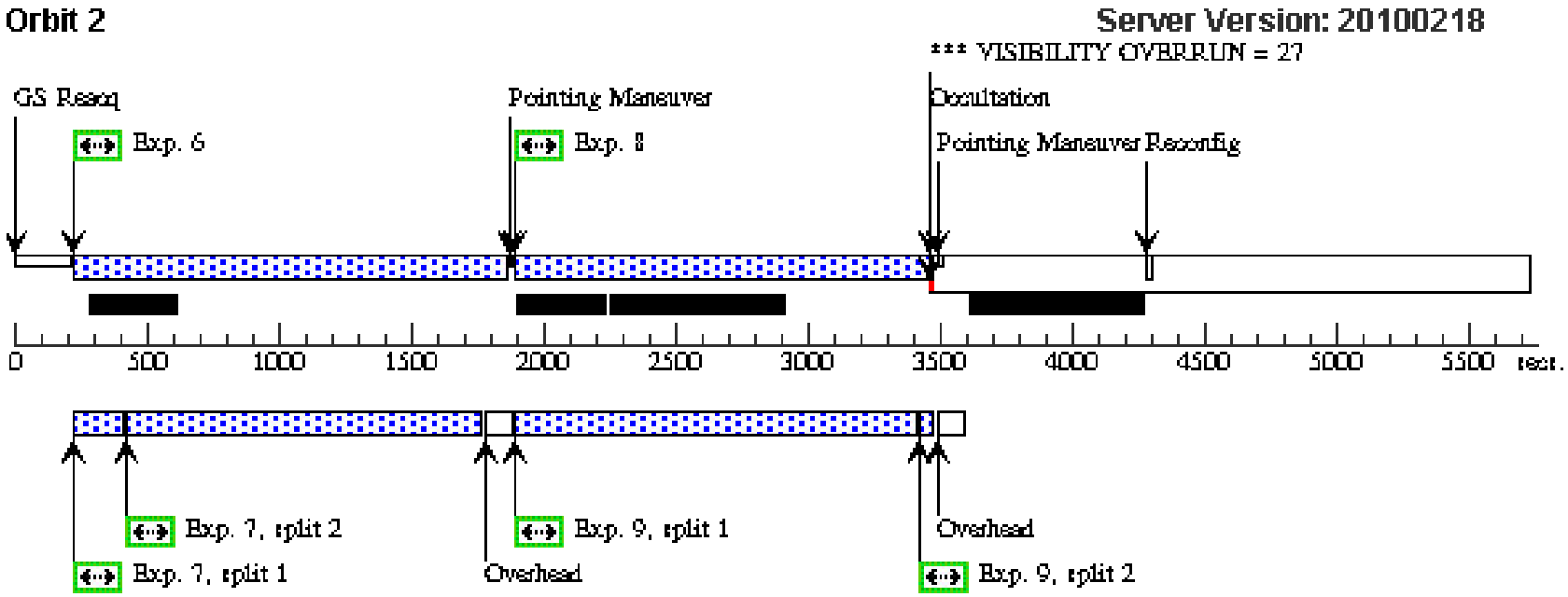
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1 Secs *[==>1.0 Secs]*	***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1500 Secs *[==>1303.0 Secs]*	***[1]***
3		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 1-3	1500.0 Secs *[==>50 Secs (Split 1)]* *[==>1351.0 Secs (Split 2)]*	***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.75,3.75	Prime + Parallel Group 4-5	1500 Secs *[==>1261.0 Secs]*	***[1]***
5		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 4-5	1500.0 Secs *[==>1207.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	***[2]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 6-7	1500 Secs *[==>50.0 Secs (Split 1)]* *[==>1347.0 Secs (Split 2)]*	***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.75,3.75	Prime + Parallel Group 8-9	1500 Secs *[==>1456.0 Secs]*	***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 8-9	1500 Secs *[==>1402.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.75,-3.75	Prime + Parallel Group 10-12	1500 Secs *[==>1498.0 Secs]*	***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.5,-7.5	Prime + Parallel Group 13-15	1500 Secs *[==>1470.0 Secs]*	***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPARS10		Prime + Parallel Group 13-15	*[==>]*	***[3]***

	16	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.75,-3.75	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***
	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.5,-7.5	Prime + Parallel Group 19-21	1500 Secs *[==>1456.0 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0	Prime + Parallel Group 25-27	1500 Secs *[==>1443.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure




Orbit 2
Server Version: 20100218
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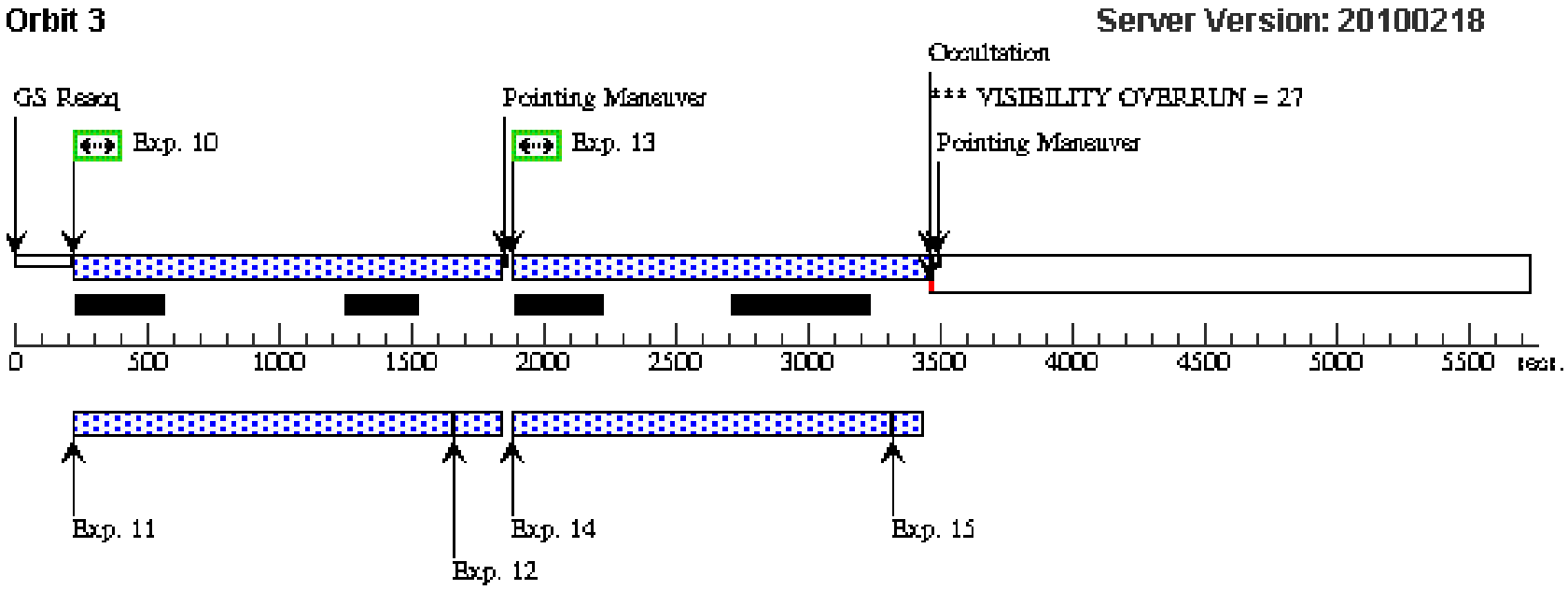
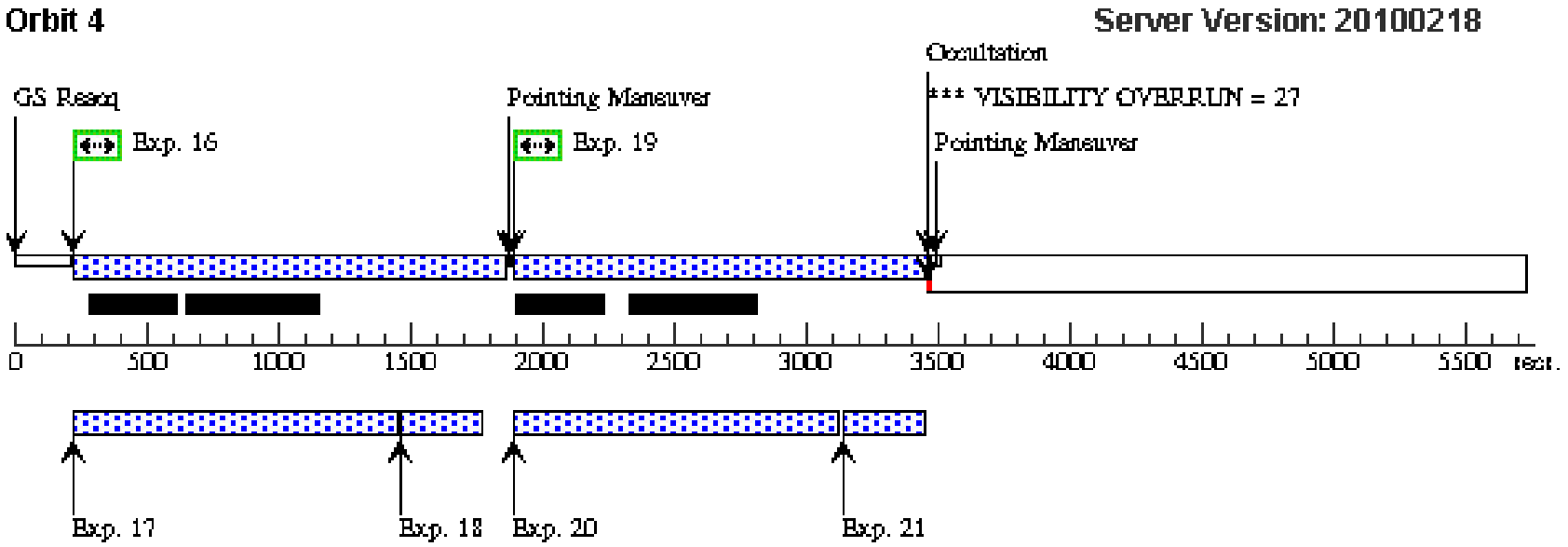
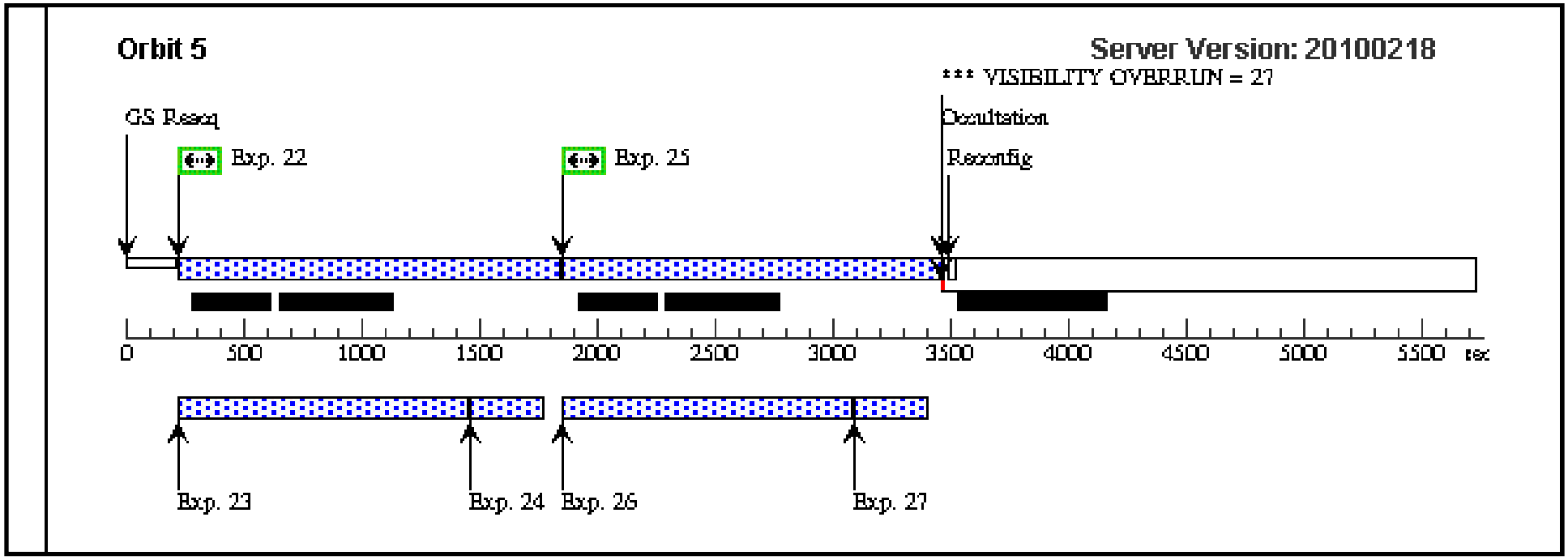
Pointing Maneuver
Exp. 8
Occultation
Pointing Maneuver Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 7, split 2
Exp. 7, split 1
Exp. 9, split 1
Overhead
Overhead
Exp. 9, split 2


Orbit 3
Server Version: 20100218
Occultation
GS Reacq
Pointing Maneuver
*** VISIBILITY OVERRUN = 27
Exp. 10
Exp. 13
Pointing Maneuver
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 11
Exp. 12
Exp. 14
Exp. 15


Orbit 4
Server Version: 20100218
Occultation
GS Reacq
Pointing Maneuver
*** VISIBILITY OVERRUN = 27
Exp. 16
Exp. 19
Pointing Maneuver
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 17
Exp. 18
Exp. 20
Exp. 21


Orbit 5
Server Version: 20100218
*** VISIBILITY OVERRUN = 27
GS Reacq
Exp. 22
Exp. 25
Occultation
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 03, completed Sat Apr 24 01:10:56 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC, WFC3/UVIS

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 174D TO 176 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

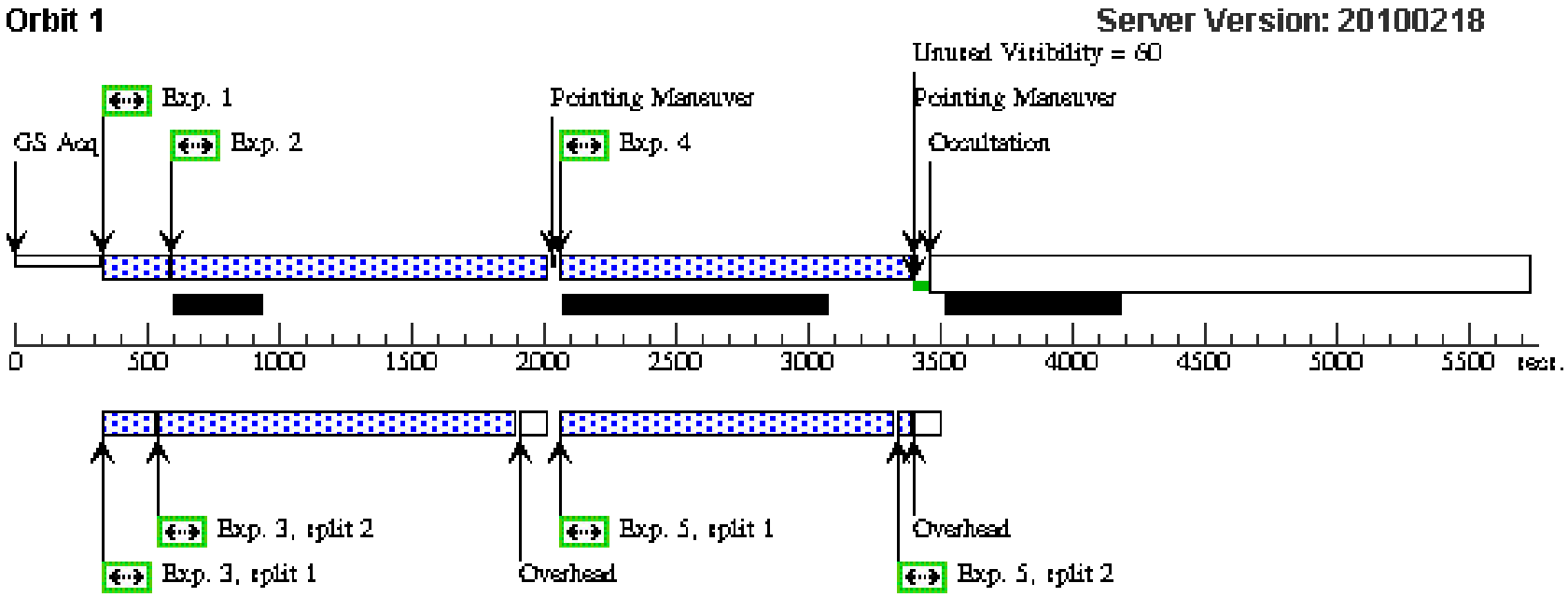
Comments: This object was generated by the targetselector and retrieved from the NED database.

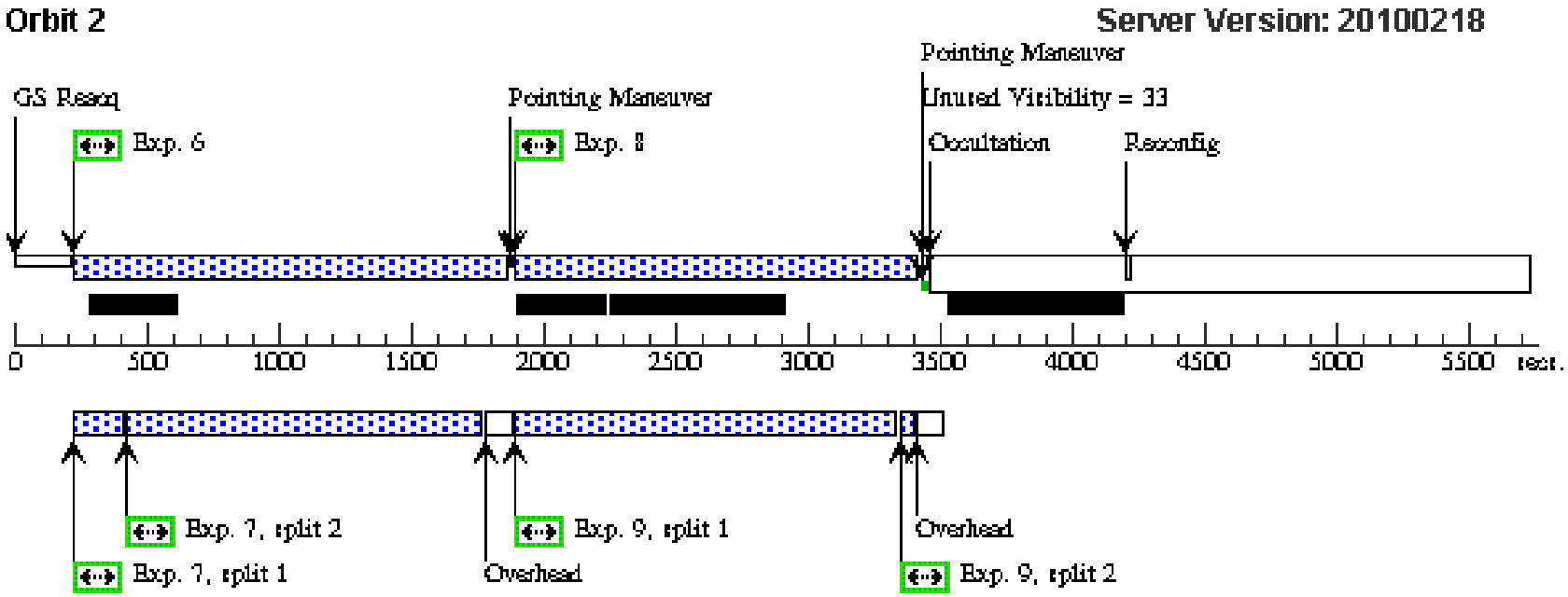
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1 Secs *[==>10.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1500 Secs *[==>1298.0 Secs]*	 ***[1]***
3		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 1-3	1500.0 Secs *[==>50 Secs (Split 1)]* *[==>1355.0 Secs (Split 2)]*	 ***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.75,3.75	Prime + Parallel Group 4-5	1500 Secs *[==>1206.0 Secs]*	 ***[1]***
5		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 4-5	1500.0 Secs *[==>1151.0 Secs (Split 1)]* *[==>50 Secs (Split 2)]*	 ***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 6-7	1500 Secs *[==>50.0 Secs (Split 1)]* *[==>1347.0 Secs (Split 2)]*	 ***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.75,3.75	Prime + Parallel Group 8-9	1500 Secs *[==>1396.0 Secs]*	 ***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 8-9	1500 Secs *[==>1324.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.75,-3.75	Prime + Parallel Group 10-12	1500 Secs *[==>1457.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.5,-7.5	Prime + Parallel Group 13-15	1500 Secs *[==>1396.0 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=7; SAMP-SEQ=SPARS10		Prime + Parallel Group 13-15	*[==>]*	***[3]***

	16	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.75,-3.75	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***
	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.5,-7.5	Prime + Parallel Group 19-21	1500 Secs *[==>1396.0 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=10; SAMP-SEQ=STEP50		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0	Prime + Parallel Group 25-27	1500 Secs *[==>1383.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure




Orbit 2
Server Version: 20100218
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Visibility = 33
Exp. 6
Exp. 8
Occultation
Reconfig
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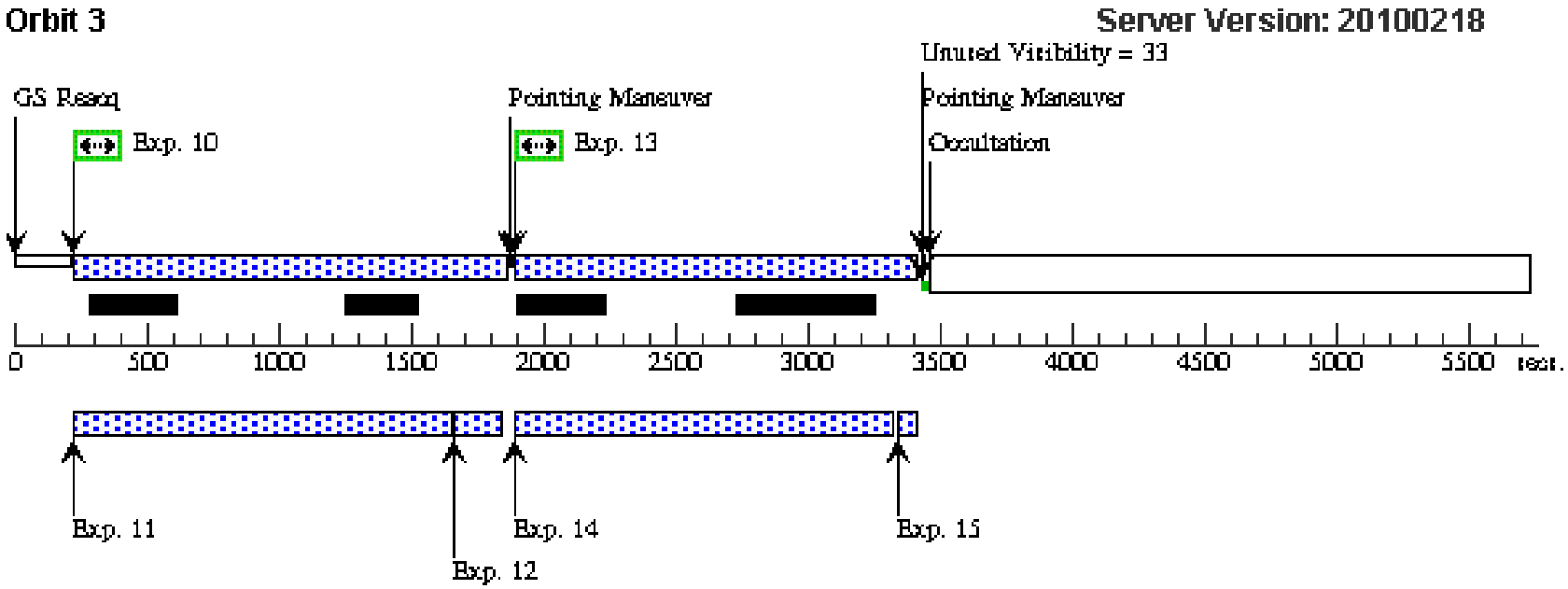
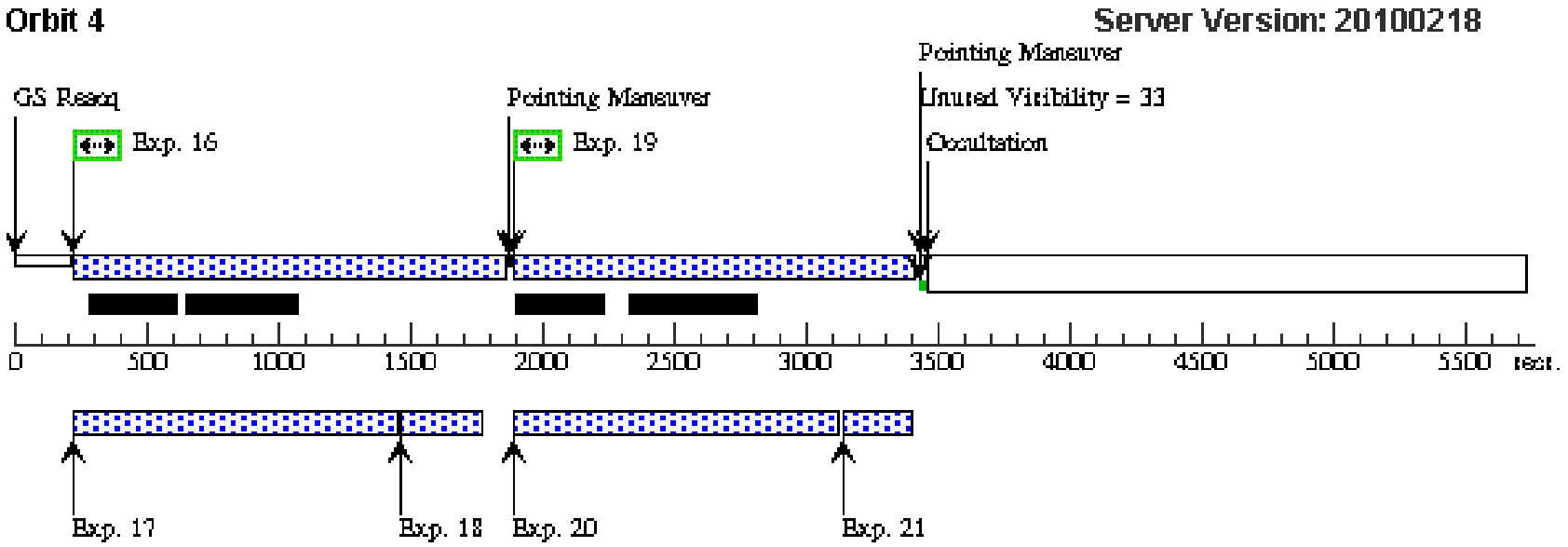
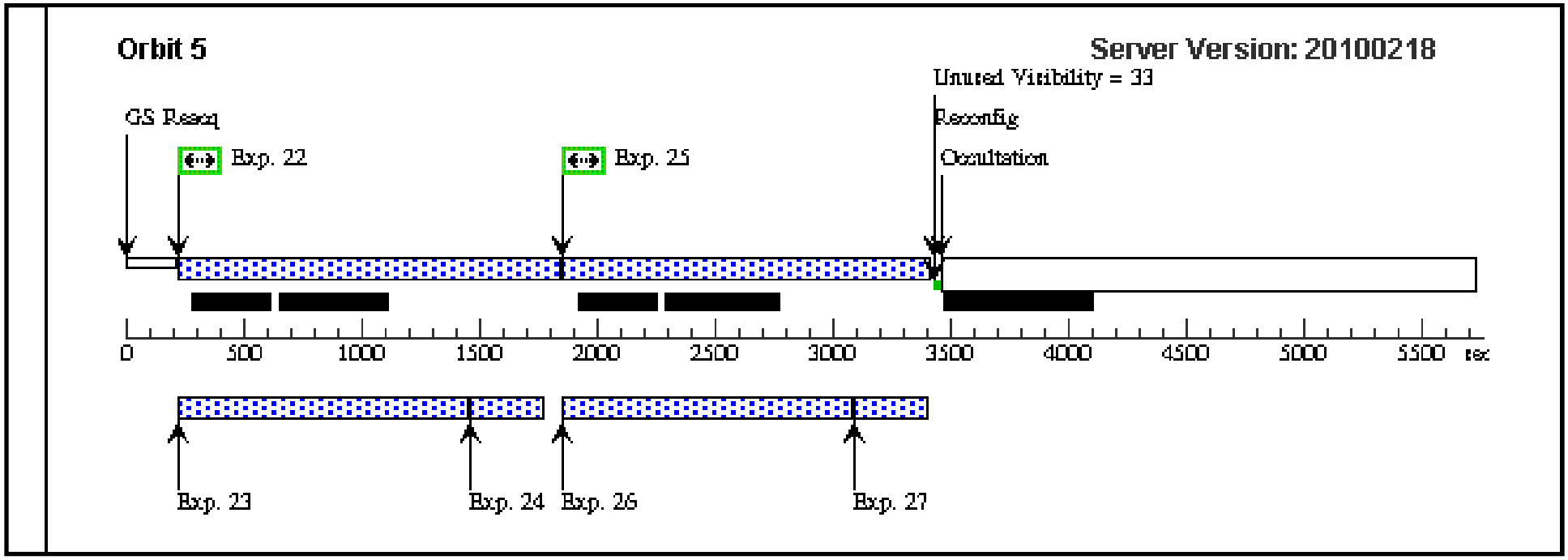
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 7, split 2
Exp. 9, split 1
Overhead
Exp. 7, split 1
Overhead
Exp. 9, split 2


Orbit 3
Server Version: 20100218
Unused Visibility = 33
GS Reacq
Exp. 10
Pointing Maneuver
Exp. 13
Pointing Maneuver
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 11
Exp. 12
Exp. 14
Exp. 15


Orbit 4
Server Version: 20100218
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Visibility = 33
Exp. 16
Exp. 19
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 17
Exp. 18
Exp. 20
Exp. 21


Orbit 5
Server Version: 20100218
Unused Visibility = 33
GS Reacq
Exp. 22
Exp. 25
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 04, completed Sat Apr 24 01:10:57 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC, WFC3/UVIS

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 197D TO 197 D

Diagnostics

(Visit 04) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 04) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 04) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 04) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

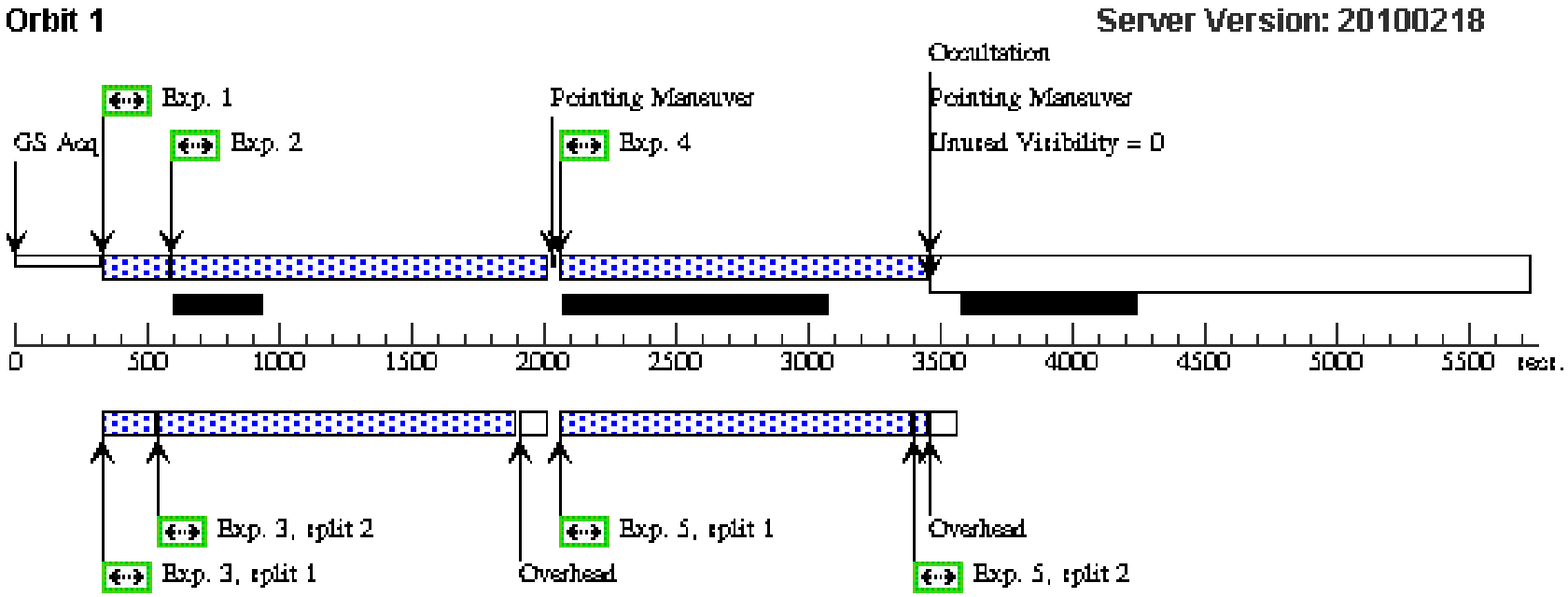
Comments: This object was generated by the targetselector and retrieved from the NED database.

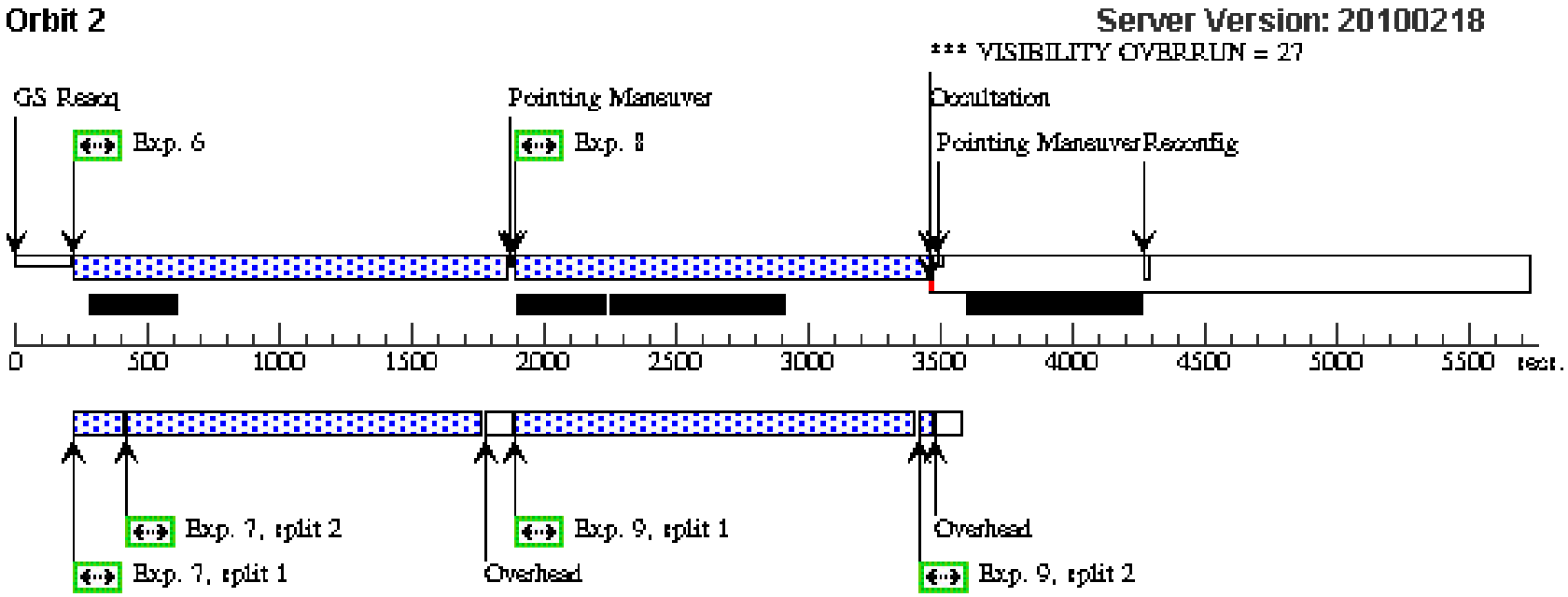
Exposures

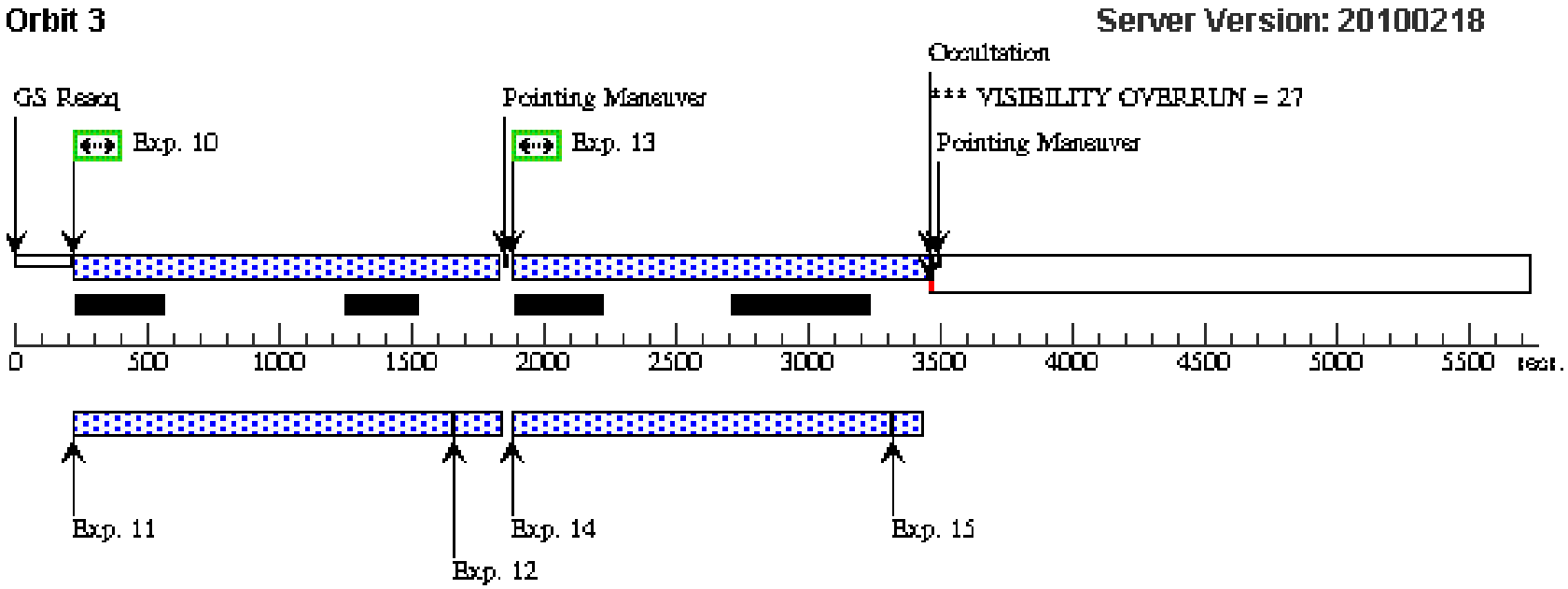
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1 Secs *[==>10.0 Secs]*	***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1500 Secs *[==>1298.0 Secs]*	***[1]***
3		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 1-3	1500.0 Secs *[==>50 Secs (Split 1)]* *[==>1355.0 Secs (Split 2)]*	***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.75,3.75	Prime + Parallel Group 4-5	1500 Secs *[==>1266.0 Secs]*	***[1]***
5		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 4-5	1500.0 Secs *[==>1212.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	***[2]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 6-7	1500 Secs *[==>50.0 Secs (Split 1)]* *[==>1347.0 Secs (Split 2)]*	***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.75,3.75	Prime + Parallel Group 8-9	1500 Secs *[==>1456.0 Secs]*	***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 8-9	1500 Secs *[==>1398.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.75,-3.75	Prime + Parallel Group 10-12	1500 Secs *[==>1490.0 Secs]*	***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.5,-7.5	Prime + Parallel Group 13-15	1500 Secs *[==>1470.0 Secs]*	***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPARS10		Prime + Parallel Group 13-15	*[==>]*	***[3]***

	16	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.75,-3.75	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***
	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.5,-7.5	Prime + Parallel Group 19-21	1500 Secs *[==>1456.0 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0	Prime + Parallel Group 25-27	1500 Secs *[==>1443.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure




Orbit 2
Server Version: 20100218
*** VISIBILITY OVERRUN = 27
GS Reacq
Exp. 6
Pointing Maneuver
Exp. 8
Occultation
Pointing Maneuver Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 7, split 2
Exp. 7, split 1
Overhead
Exp. 9, split 1
Overhead
Exp. 9, split 2


Orbit 3
Server Version: 20100218
Occultation
GS Reacq
Pointing Maneuver
*** VISIBILITY OVERRUN = 27
Exp. 10
Exp. 13
Pointing Maneuver
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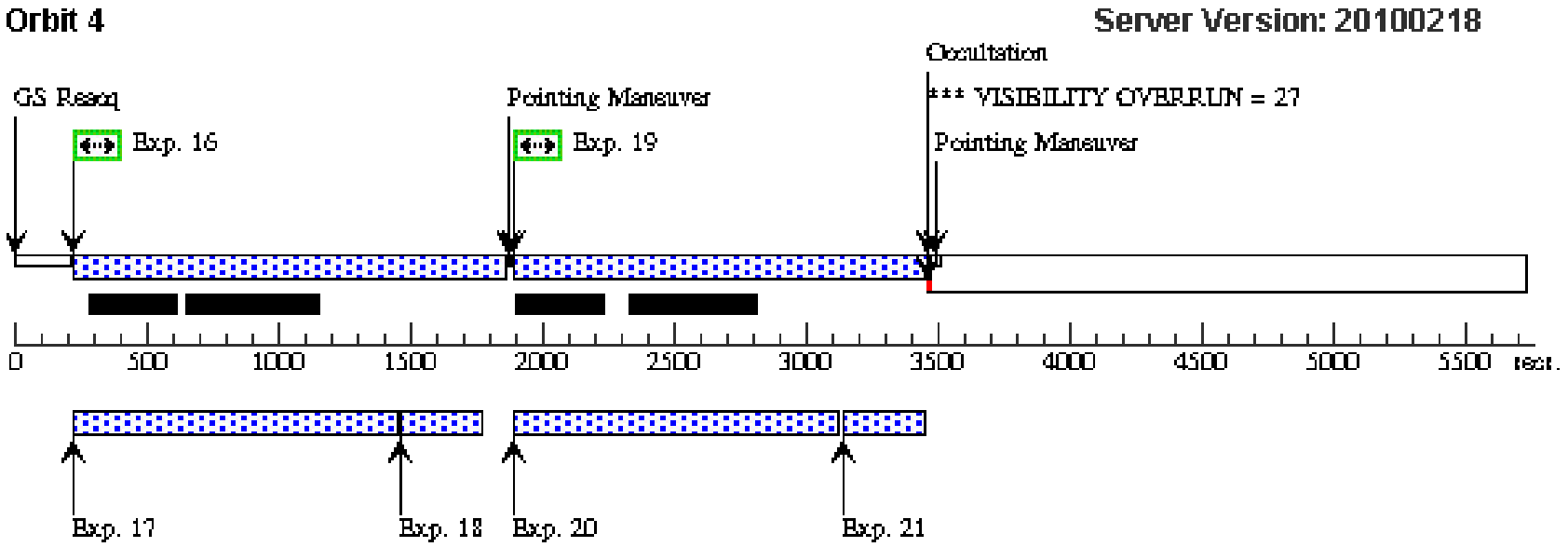
5500
sec.
Exp. 11
Exp. 12
Exp. 14
Exp. 15


Orbit 4
Server Version: 20100218
Occultation
GS Reacq
Pointing Maneuver
*** VISIBILITY OVERRUN = 27
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Exp. 19
Pointing Maneuver
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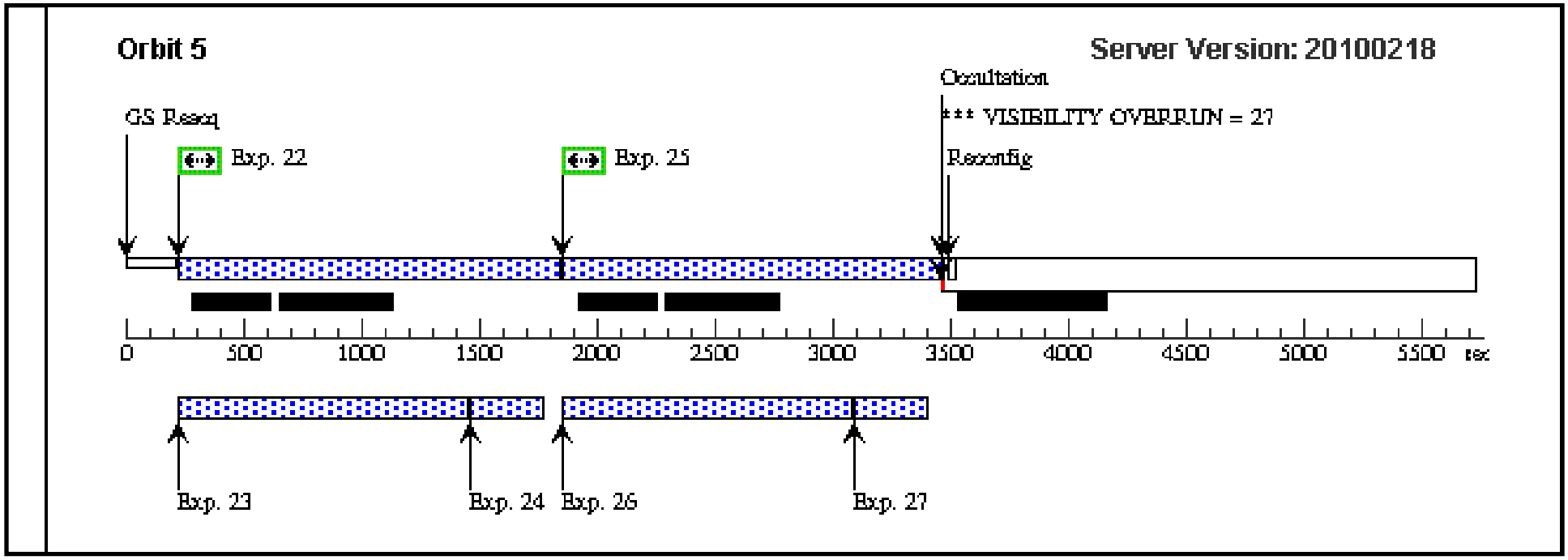
4500
5000
5500
sec.
Exp. 17
Exp. 18
Exp. 20
Exp. 21


Orbit 5
Server Version: 20100218
Occultation
GS Reacq
*** VISIBILITY OVERRUN = 27
Exp. 22
Exp. 25
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 05, scheduling Sat Apr 24 01:10:59 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC, WFC3/UVIS

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 218D TO 218 D

Diagnostics

(Visit 05) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 05) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 05) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 05) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

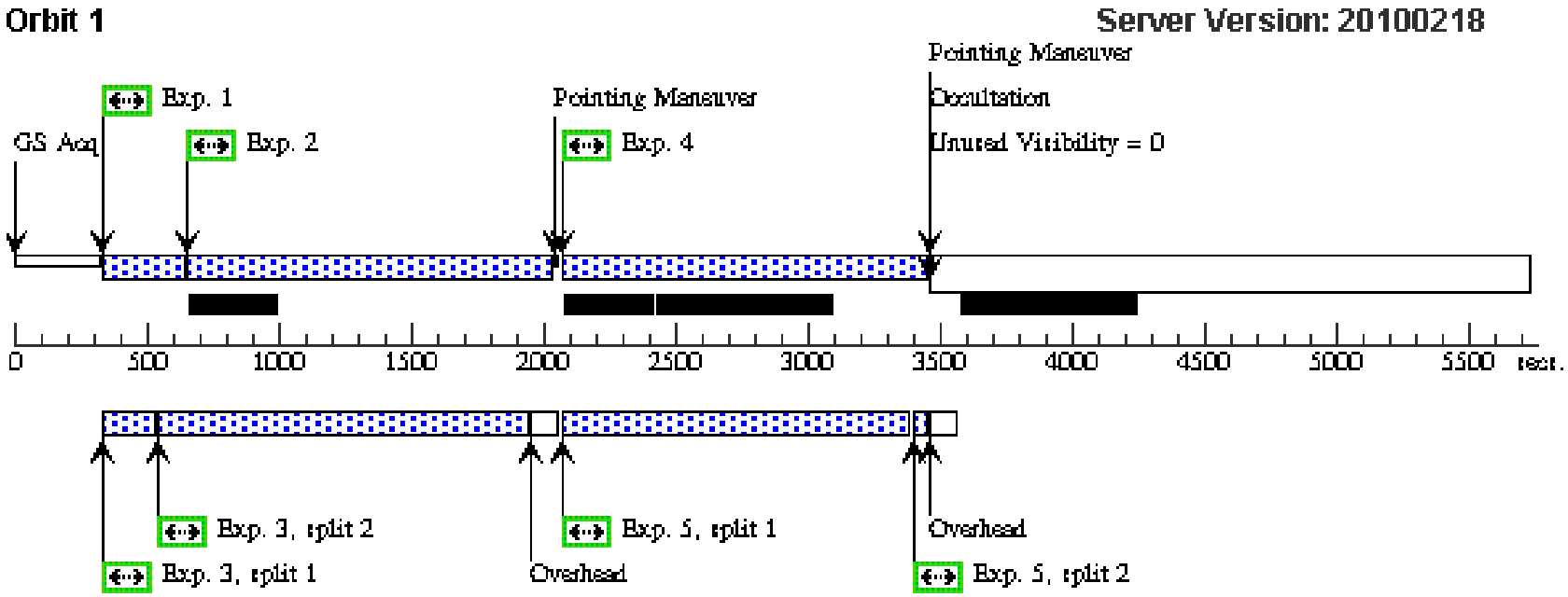
Comments: This object was generated by the targetselector and retrieved from the NED database.

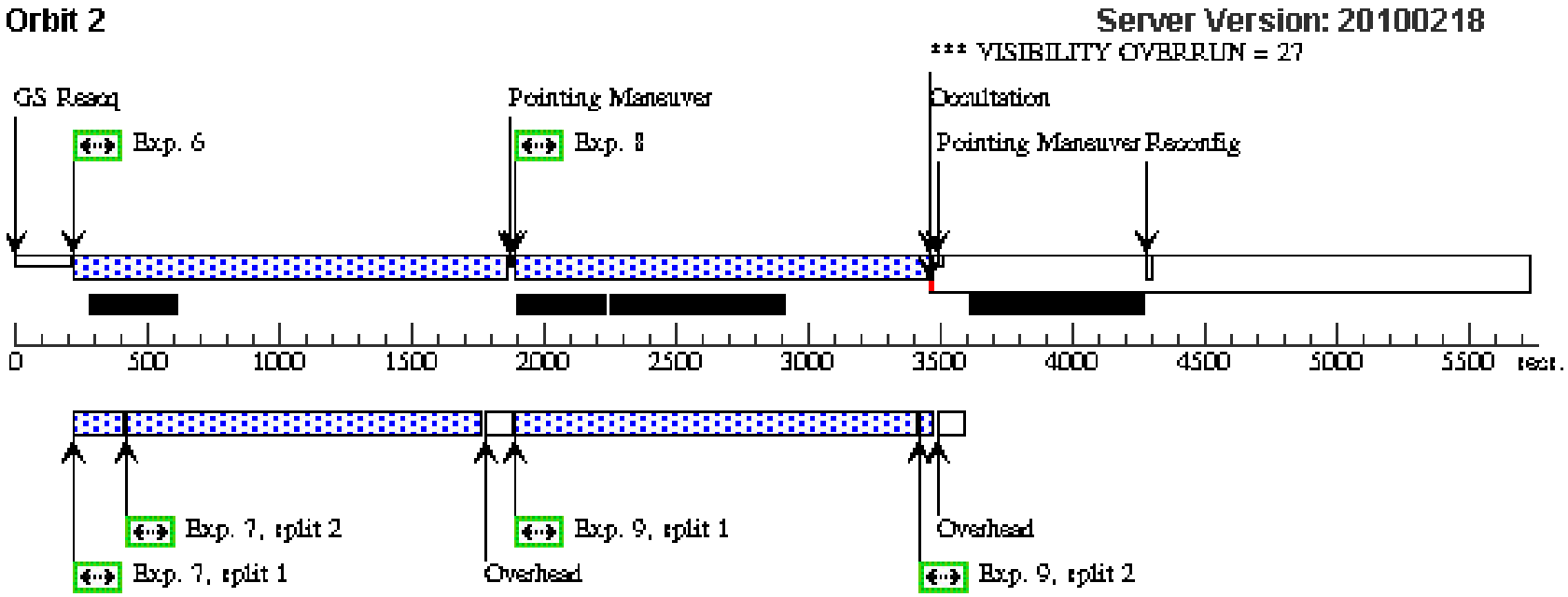
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1 Secs *[==>100.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1500 Secs *[==>1253.0 Secs]*	 ***[1]***
3		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 1-3	1500.0 Secs *[==>50 Secs (Split 1)]* *[==>1400.0 Secs (Split 2)]*	 ***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.75,3.75	Prime + Parallel Group 4-5	1500 Secs *[==>1253.0 Secs]*	 ***[1]***
5		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 4-5	1500.0 Secs *[==>1199.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 6-7	1500 Secs *[==>50.0 Secs (Split 1)]* *[==>1347.0 Secs (Split 2)]*	 ***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.75,3.75	Prime + Parallel Group 8-9	1500 Secs *[==>1456.0 Secs]*	 ***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 8-9	1500 Secs *[==>1402.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.75,-3.75	Prime + Parallel Group 10-12	1500 Secs *[==>1457.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.5,-7.5	Prime + Parallel Group 13-15	1500 Secs *[==>1456.0 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPARS10		Prime + Parallel Group 13-15	*[==>]*	***[3]***

	16	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.75,-3.75	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***
	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.5,-7.5	Prime + Parallel Group 19-21	1500 Secs *[==>1456.0 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0	Prime + Parallel Group 25-27	1500 Secs *[==>1443.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure

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Pointing Maneuver
Exp. 8
Occultation
Pointing Maneuver Reconfig
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1000
1500
2000
2500
3000
3500
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4500
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5500
sec.
Exp. 7, split 2
Exp. 7, split 1
Overhead
Exp. 9, split 1
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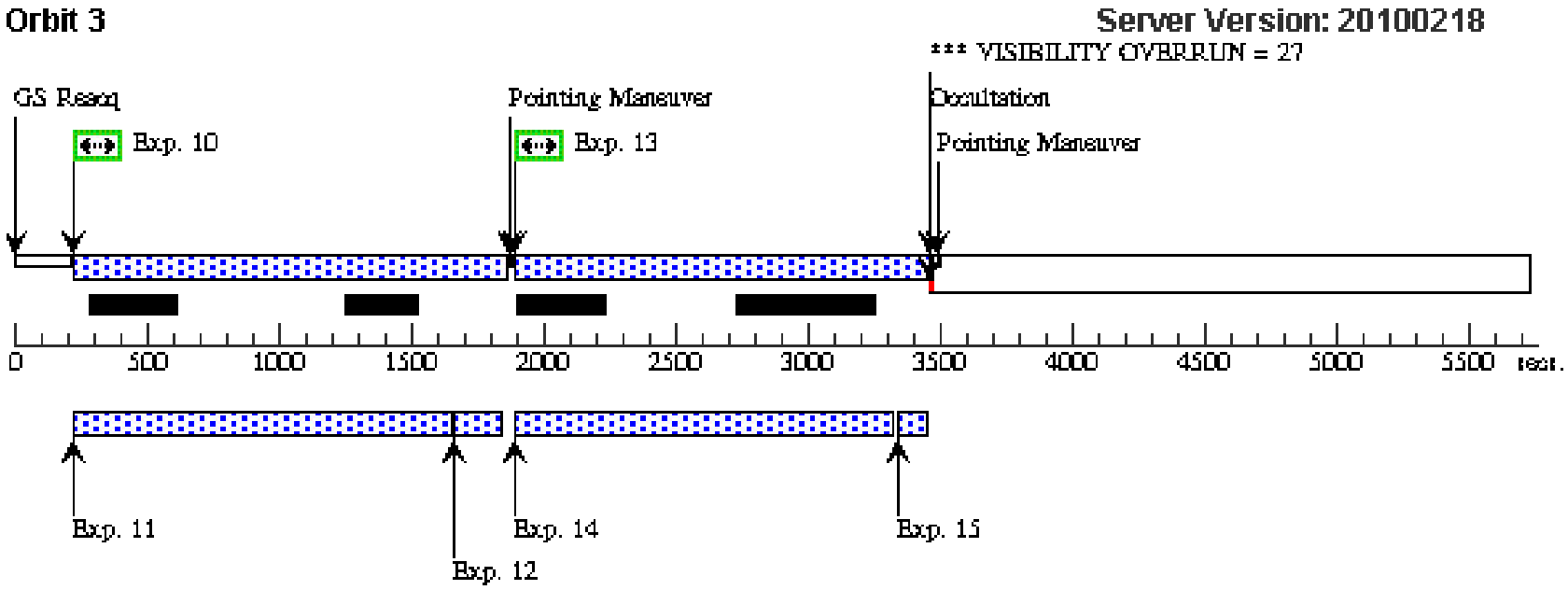
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Exp. 10
Pointing Maneuver
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Occultation
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5000
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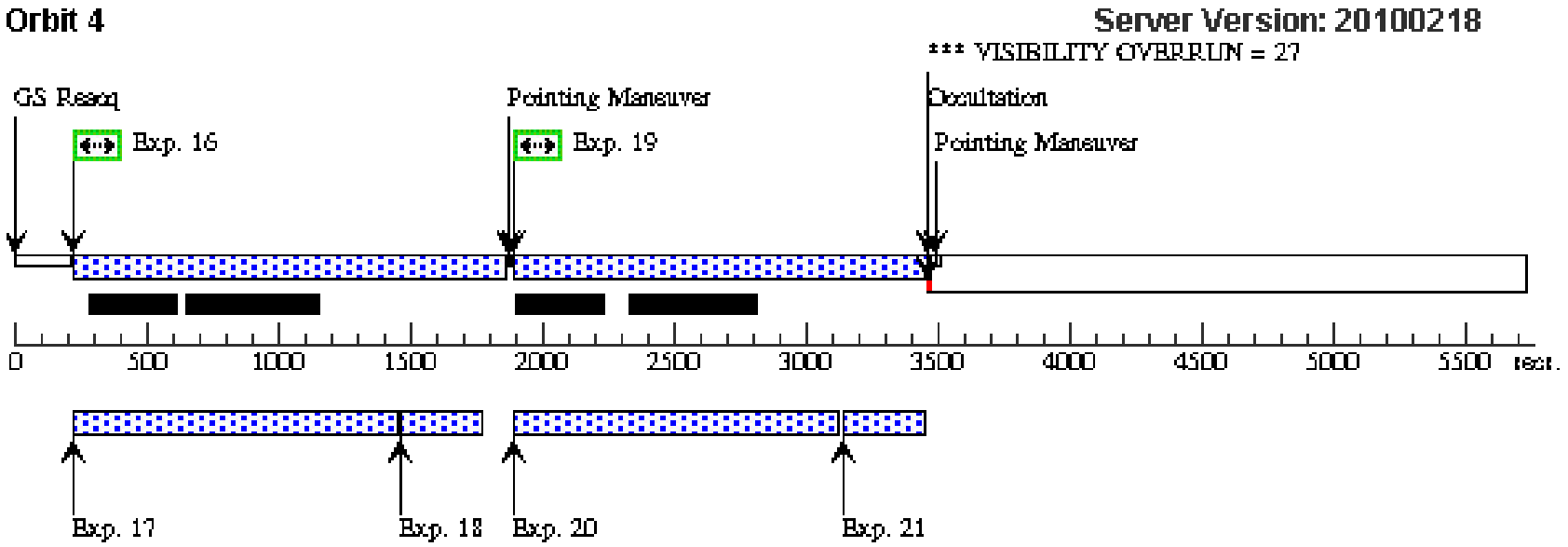
sec.
Exp. 11
Exp. 12
Exp. 14
Exp. 15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GS Reacq
Exp. 16
Pointing Maneuver
Exp. 19
Occultation
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1000
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2500
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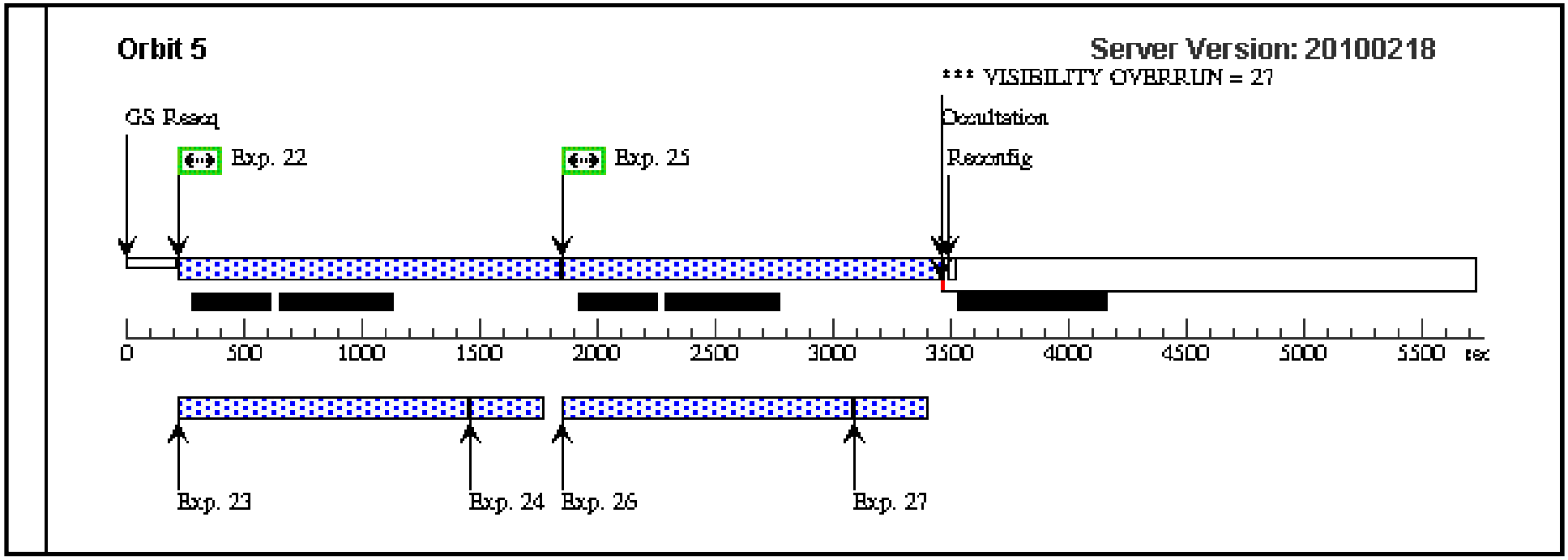
3500
4000
4500
5000
5500
sec.
Exp. 17
Exp. 18
Exp. 20
Exp. 21


Orbit 5
Server Version: 20100218
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Exp. 22
Exp. 25
Occultation
Reconfig
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2500
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3500
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5000
5500
sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 25 Sat Apr 24 01:11:02 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC, WFC3/UVIS

Special Requirements: BRIGHT EARTH AVOID 23.5D; ORIENT 218D TO 218 D

Diagnostics

(Visit 25) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

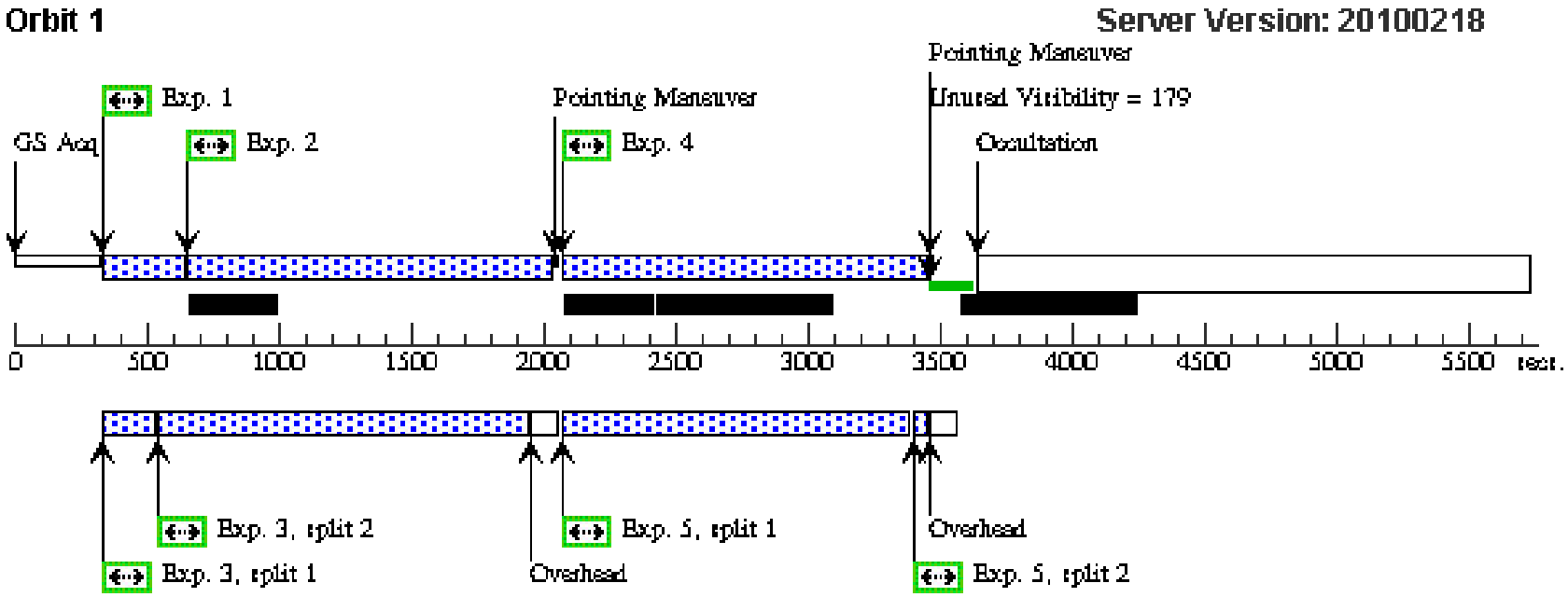
Comments: This object was generated by the targetselector and retrieved from the NED database.

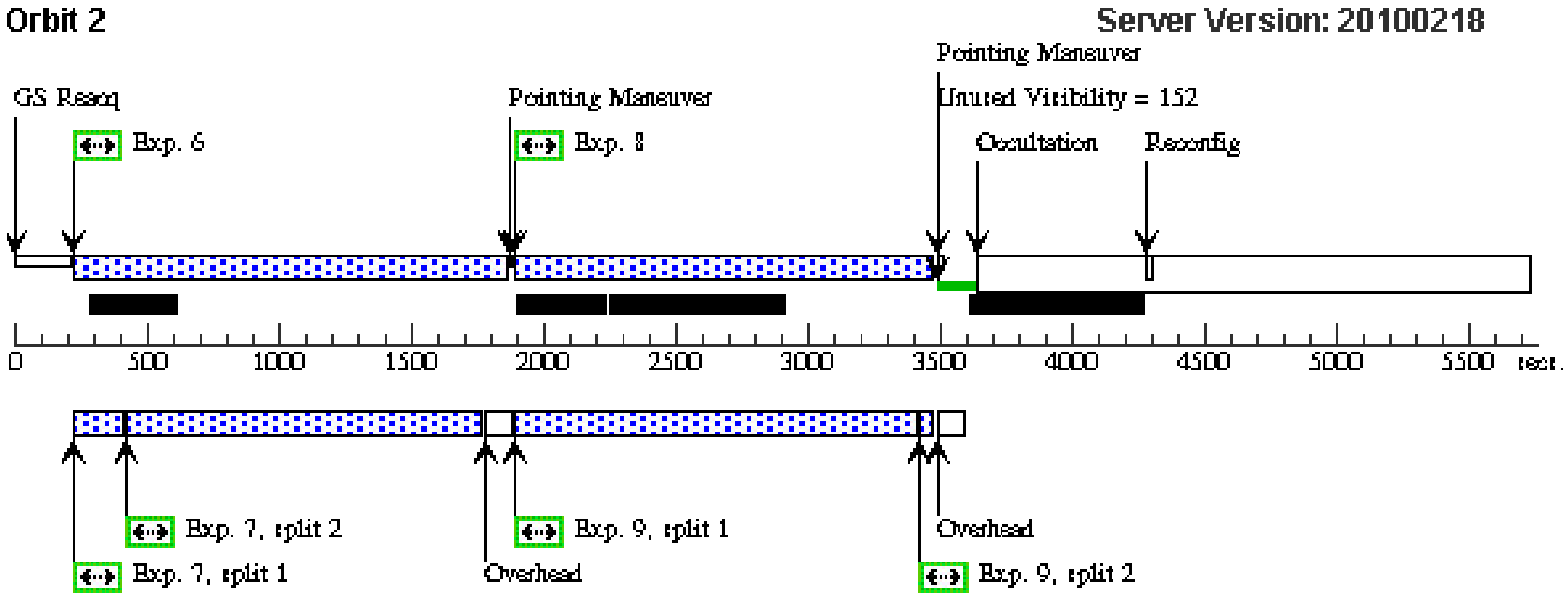
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1 Secs *[==>100.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1500 Secs *[==>1253.0 Secs]*	 ***[1]***
3		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 1-3	1500.0 Secs *[==>50 Secs (Split 1)]* *[==>1400.0 Secs (Split 2)]*	 ***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.75,3.75	Prime + Parallel Group 4-5	1500 Secs *[==>1253.0 Secs]*	 ***[1]***
5		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 4-5	1500.0 Secs *[==>1199.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 6-7	1500 Secs *[==>50.0 Secs (Split 1)]* *[==>1347.0 Secs (Split 2)]*	 ***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.75,3.75	Prime + Parallel Group 8-9	1500 Secs *[==>1456.0 Secs]*	 ***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 8-9	1500 Secs *[==>1402.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.75,-3.75	Prime + Parallel Group 10-12	1500 Secs *[==>1457.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.5,-7.5	Prime + Parallel Group 13-15	1500 Secs *[==>1456.0 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPARS10		Prime + Parallel Group 13-15	*[==>]*	***[3]***

	16	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.75,-3.75	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***
	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.5,-7.5	Prime + Parallel Group 19-21	1500 Secs *[==>1456.0 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0	Prime + Parallel Group 25-27	1500 Secs *[==>1443.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure

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Exp. 8
Occultation
Reconfig
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3000
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sec.
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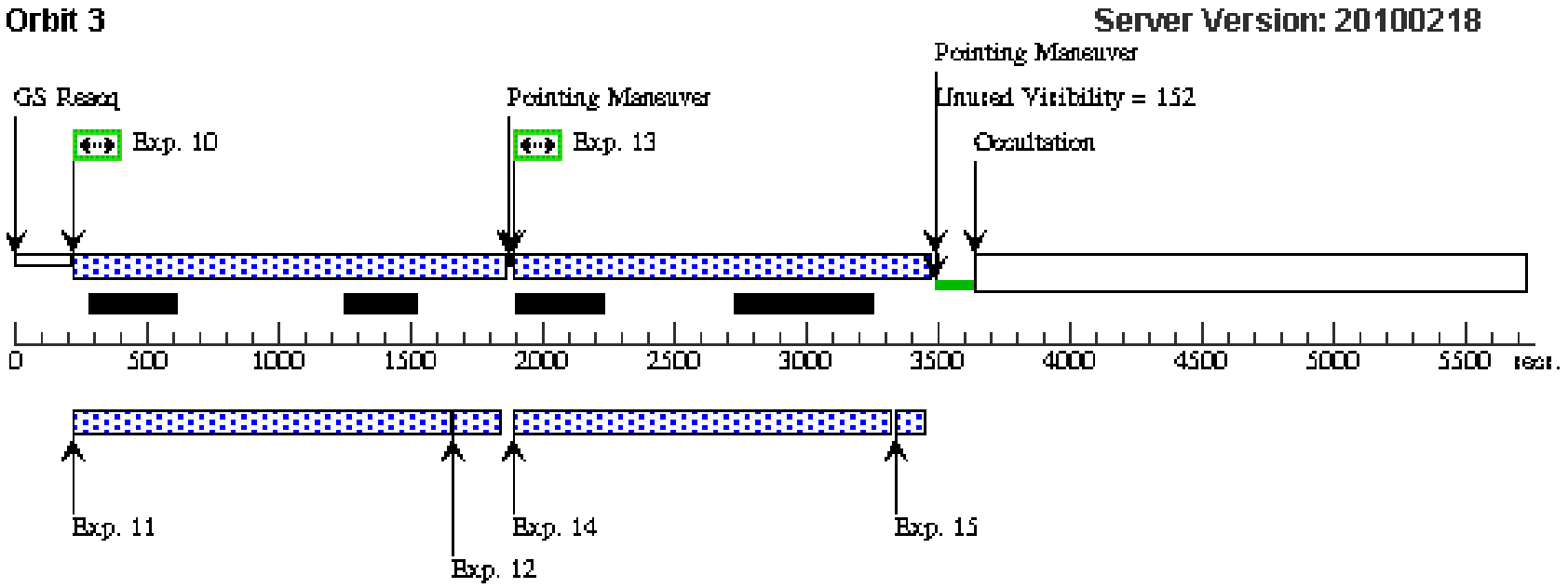
Exp. 9, split 1
Overhead
Exp. 7, split 1
Overhead
Exp. 9, split 2


Orbit 3
Server Version: 20100218
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Visibility = 152
Exp. 10
Exp. 13
Occultation
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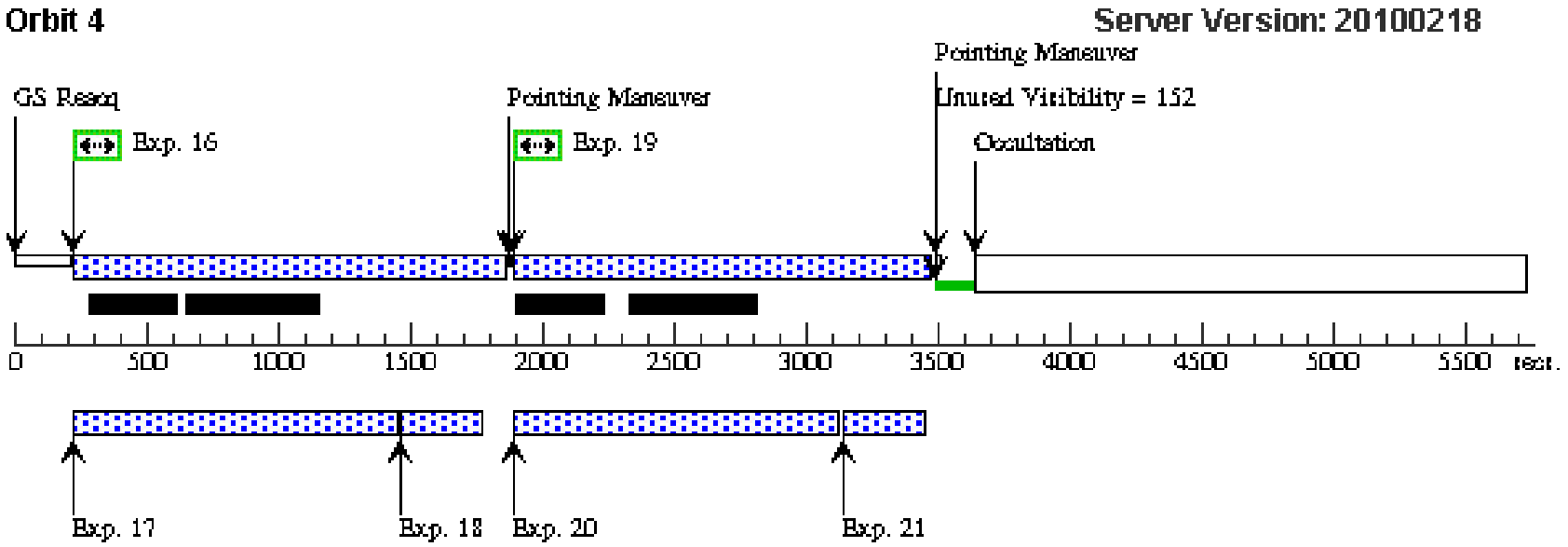
3500
4000
4500
5000
5500
sec.
Exp. 11
Exp. 12
Exp. 14
Exp. 15


Orbit 4
Server Version: 20100218
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Visibility = 152
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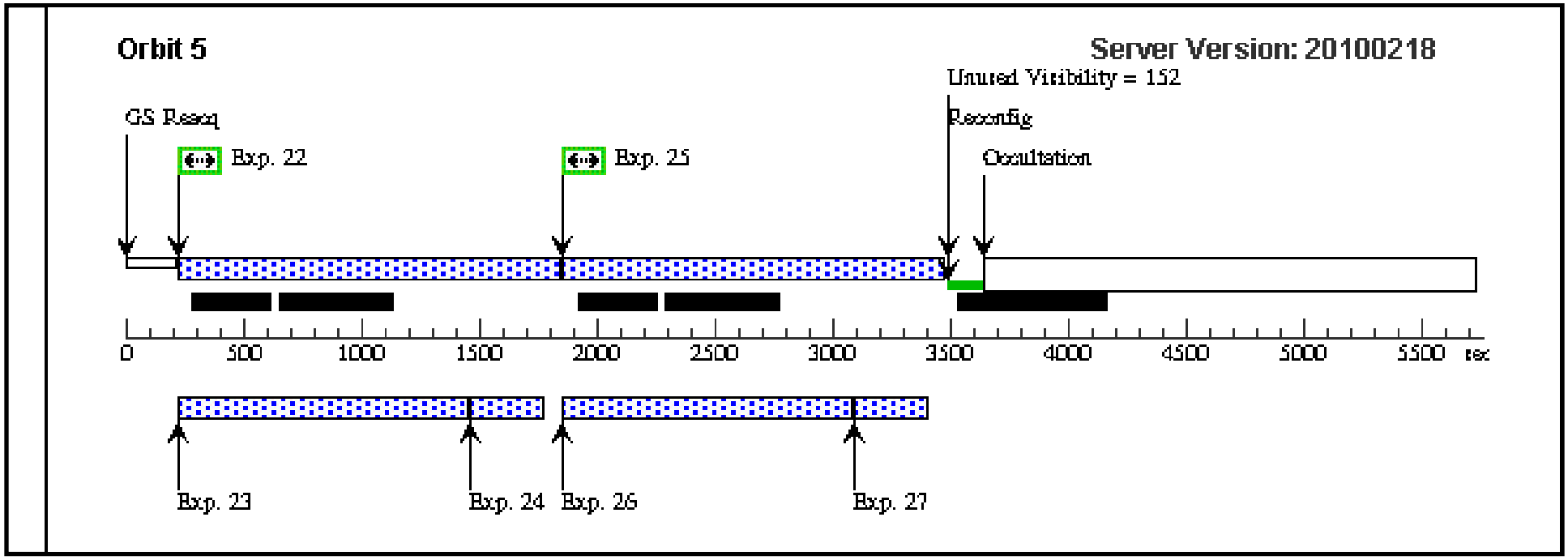
sec.
Exp. 17
Exp. 18
Exp. 20
Exp. 21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Unused Visibility = 152
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Exp. 25
Reconfig
Occultation
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2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 06, scheduling Sat Apr 24 01:11:03 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC, WFC3/UVIS

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 238D TO 238 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

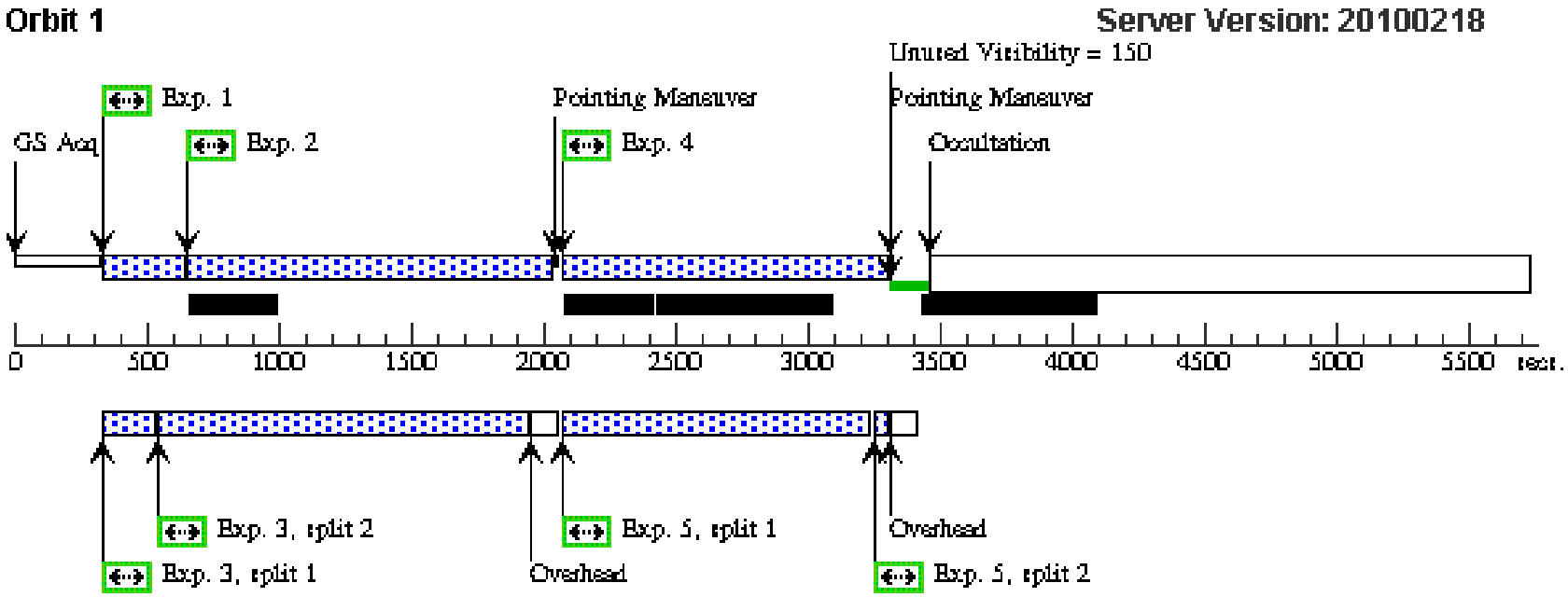
Comments: This object was generated by the targetselector and retrieved from the NED database.

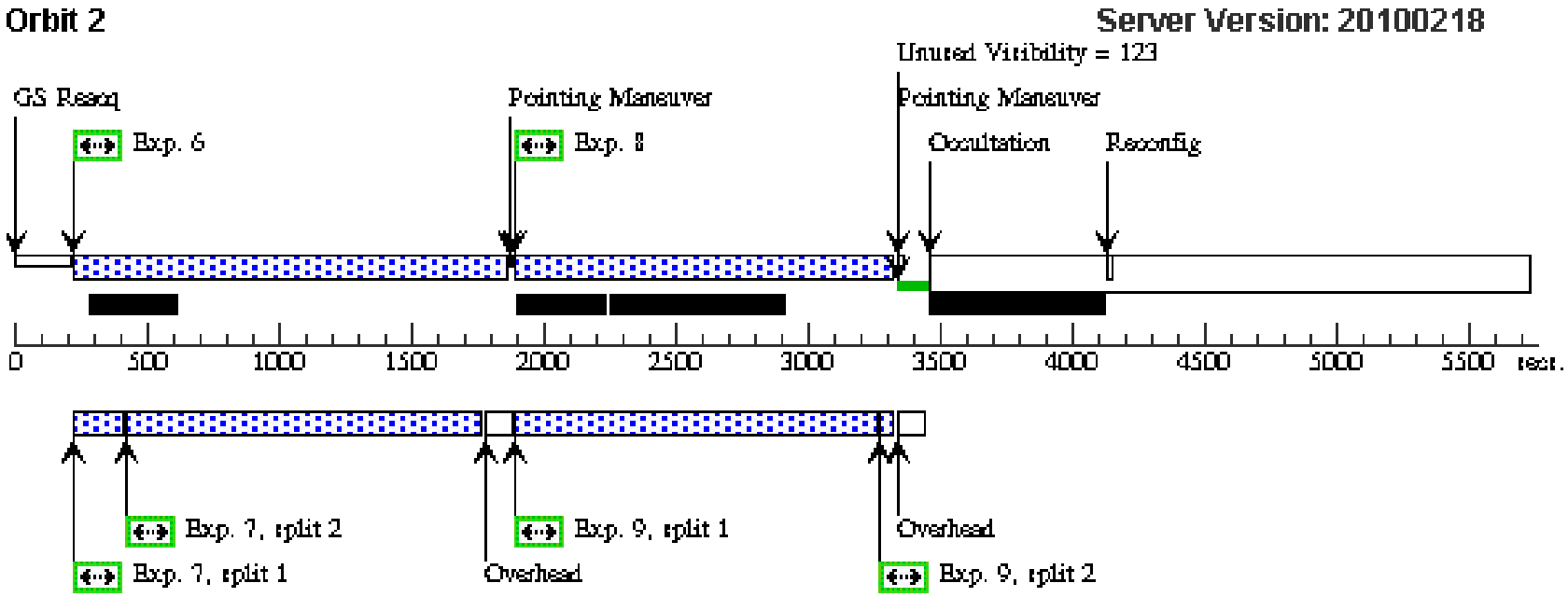
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1 Secs *[==>100.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1500 Secs *[==>1253 Secs]*	 ***[1]***
3		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 1-3	1500.0 Secs *[==>50 Secs (Split 1)]* *[==>1400.0 Secs (Split 2)]*	 ***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.75,3.75	Prime + Parallel Group 4-5	1500 Secs *[==>1103 Secs]*	 ***[1]***
5		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 4-5	1500.0 Secs *[==>1048.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 6-7	1500 Secs *[==>50.0 Secs (Split 1)]* *[==>1347.0 Secs (Split 2)]*	 ***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.75,3.75	Prime + Parallel Group 8-9	1500 Secs *[==>1306.0 Secs]*	 ***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 8-9	1500 Secs *[==>1252.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.75,-3.75	Prime + Parallel Group 10-12	1500 Secs *[==>1498.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.5,-7.5	Prime + Parallel Group 13-14	1500 Secs *[==>1320.0 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-14	*[==>]*	***[3]***
15		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.75,-3.75	Prime + Parallel Group 15-17	1500 Secs *[==>1457.0 Secs]*	 ***[4]***

	16	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 15-17	*[==>]*	***[4]***
	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 15-17	*[==>]*	***[4]***
	18	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.5,-7.5	Prime + Parallel Group 18-20	1500 Secs *[==>1306.0 Secs]*	 ***[4]***
	19	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 18-20	*[==>]*	***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=8; SAMP-SEQ=STEP50		Prime + Parallel Group 18-20	*[==>]*	***[4]***
	21	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0	Prime + Parallel Group 21-23	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	22	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 21-23	*[==>]*	***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 21-23	*[==>]*	***[5]***
	24	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0	Prime + Parallel Group 24-26	1500 Secs *[==>1293.0 Secs]*	 ***[5]***
	25	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 24-26	*[==>]*	***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=8; SAMP-SEQ=STEP50		Prime + Parallel Group 24-26	*[==>]*	***[5]***

Orbit Structure

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Unused Visibility = 123
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Exp. 6
Pointing Maneuver
Exp. 8
Pointing Maneuver
Occultation
Reconfig
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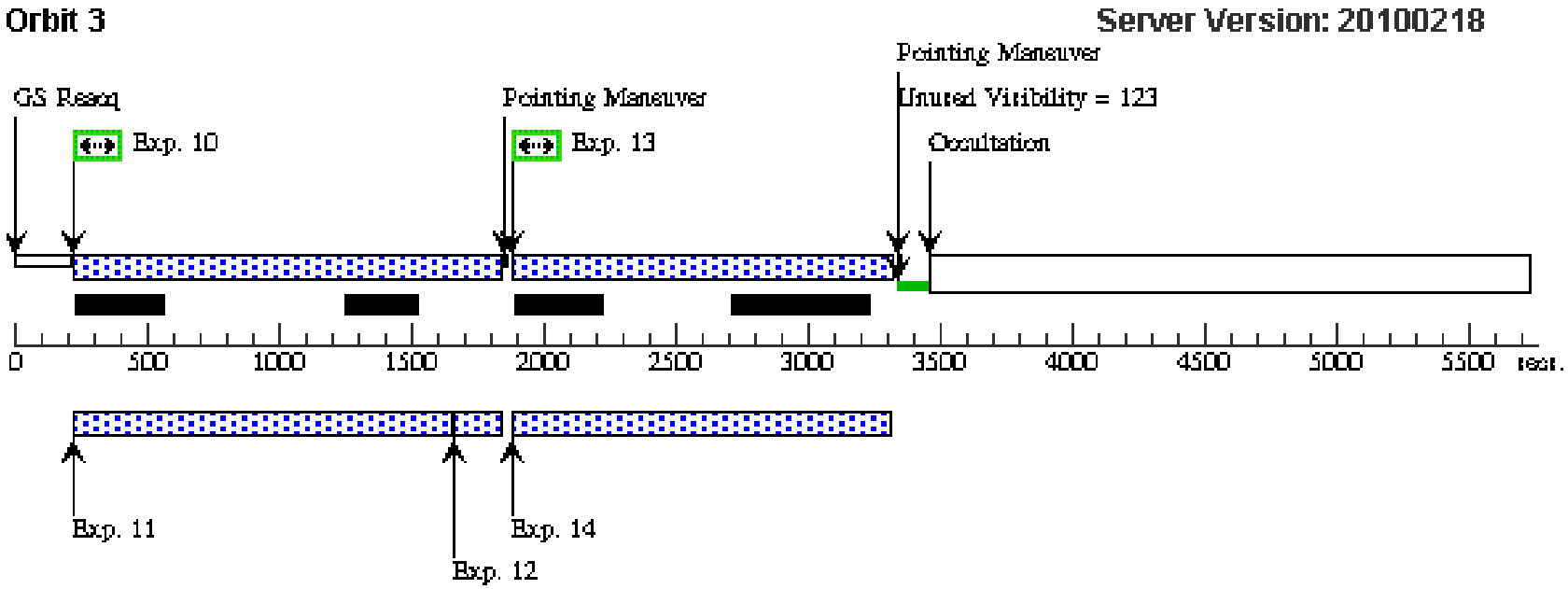
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 7, split 2
Exp. 7, split 1
Exp. 9, split 1
Overhead
Overhead
Exp. 9, split 2


Orbit 3
Server Version: 20100218
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Visibility = 123
Exp. 10
Exp. 13
Occultation
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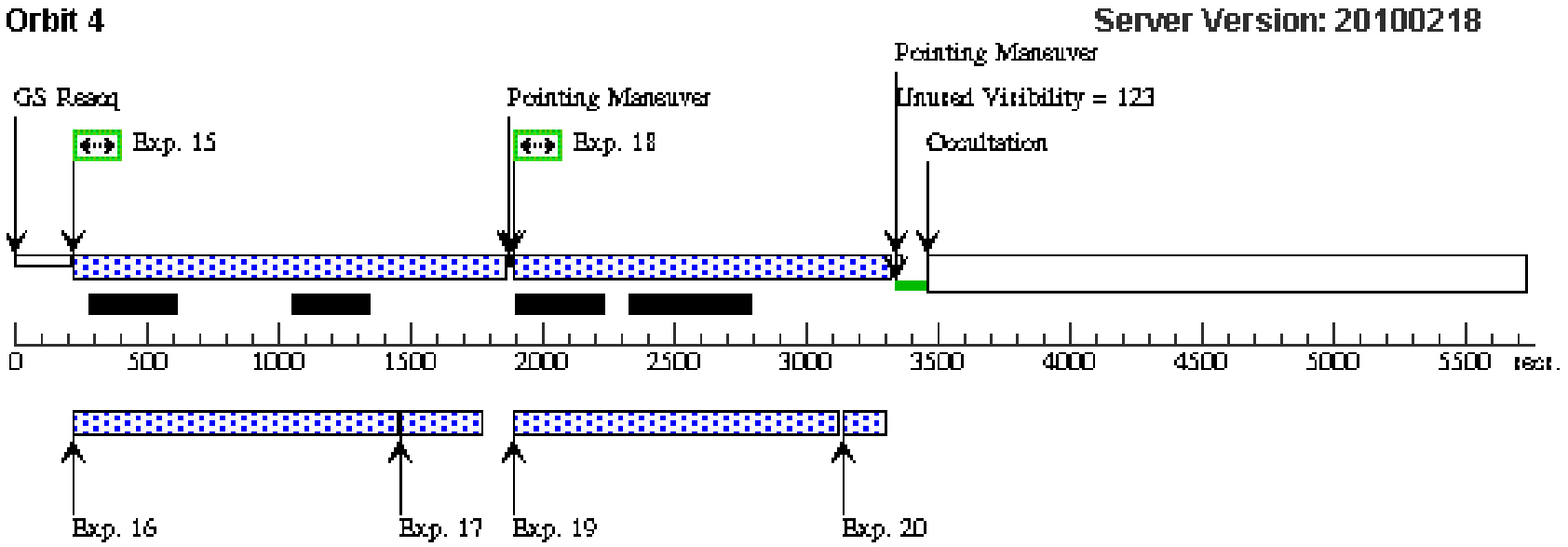
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 11
Exp. 12
Exp. 14


Orbit 4
Server Version: 20100218
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Visibility = 123
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Exp. 18
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3500
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4500
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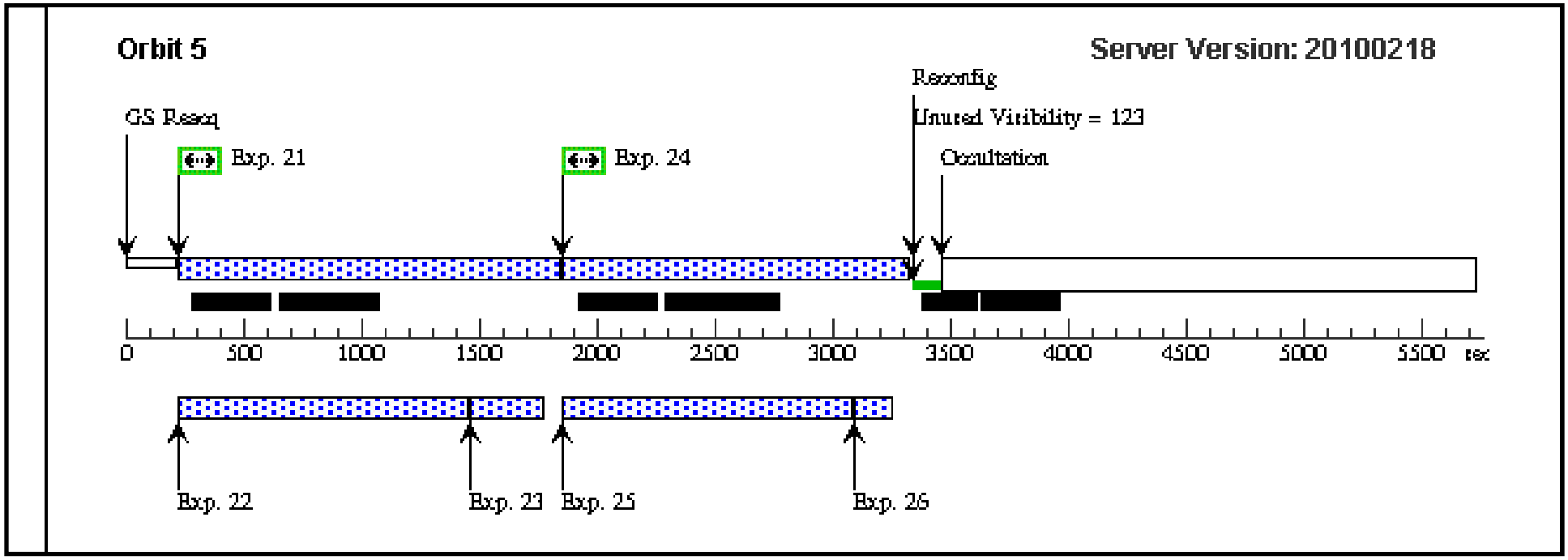
sec.
Exp. 16
Exp. 17
Exp. 19
Exp. 20


Orbit 5
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Reconfig
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Unused Visibility = 123
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Occultation
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1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 22
Exp. 23
Exp. 25
Exp. 26

Visit

Proposal 11677, Visit 07, scheduling Sat Apr 24 01:11:04 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC, WFC3/UVIS

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 264D TO 264 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

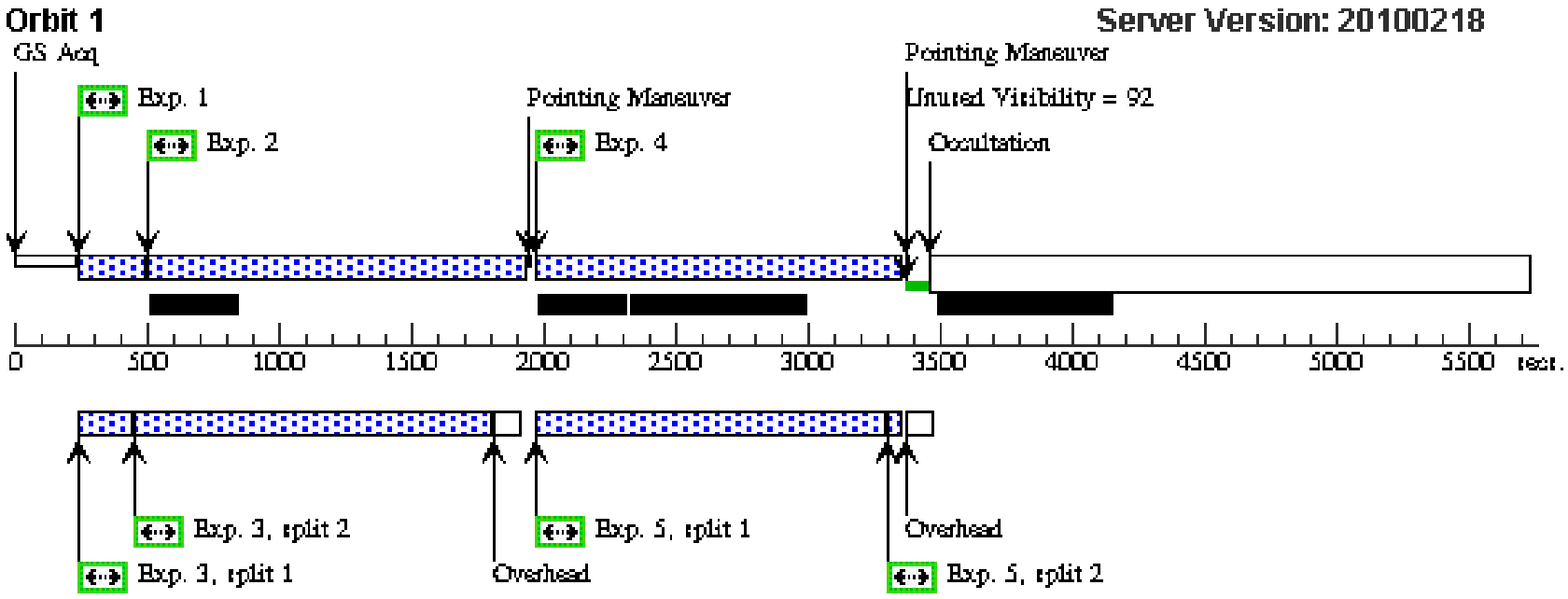
Comments: This object was generated by the targetselector and retrieved from the NED database.

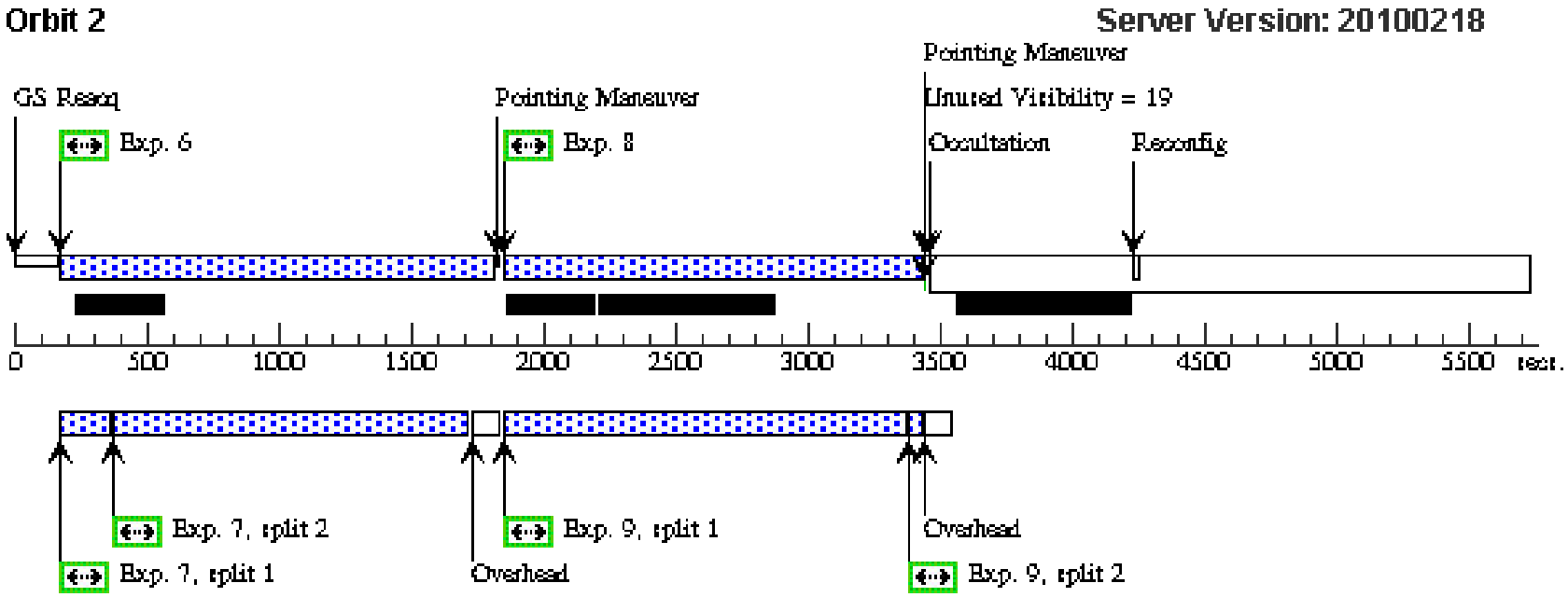
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5; GS ACQ SCENARIO SINGLE	Prime + Parallel Group 1-3	1 Secs *[==>1.0 Secs]*	***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1500 Secs *[==>1303 Secs]*	***[1]***
3		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 1-3	1500.0 Secs *[==>50 Secs (Split 1)]* *[==>1351.0 Secs (Split 2)]*	***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.75,3.75	Prime + Parallel Group 4-5	1500 Secs *[==>1261.0 Secs]*	***[1]***
5		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 4-5	1500.0 Secs *[==>1206.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	***[2]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 6-7	1500 Secs *[==>50.0 Secs (Split 1)]* *[==>1347.0 Secs (Split 2)]*	***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.75,3.75	Prime + Parallel Group 8-9	1500 Secs *[==>1456.0 Secs]*	***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 8-9	1500 Secs *[==>1402.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.75,-3.75	Prime + Parallel Group 10-12	1500 Secs *[==>1457.0 Secs]*	***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.5,-7.5	Prime + Parallel Group 13-15	1500 Secs *[==>1456.0 Secs]*	***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPARS10		Prime + Parallel Group 13-15	*[==>]*	***[3]***

	16	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.75,-3.75	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***
	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.5,-7.5	Prime + Parallel Group 19-21	1500 Secs *[==>1456.0 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0	Prime + Parallel Group 25-27	1500 Secs *[==>1443.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure

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Pointing Maneuver
GS Reacq
Pointing Maneuver
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Exp. 8
Occultation
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1500
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2500
3000
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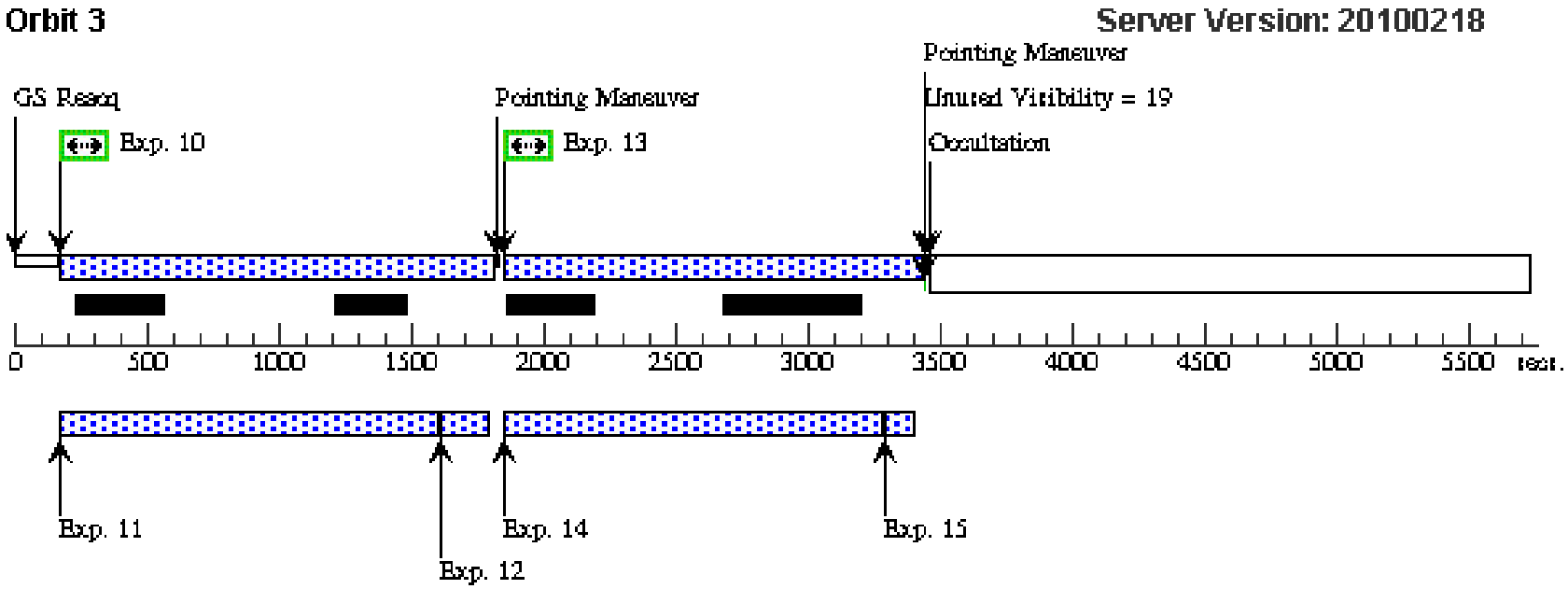
5500
sec.
Exp. 7, split 2
Exp. 9, split 1
Overhead
Exp. 7, split 1
Overhead
Exp. 9, split 2


Orbit 3
Server Version: 20100218
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Visibility = 19
Exp. 10
Exp. 13
Occultation
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1000
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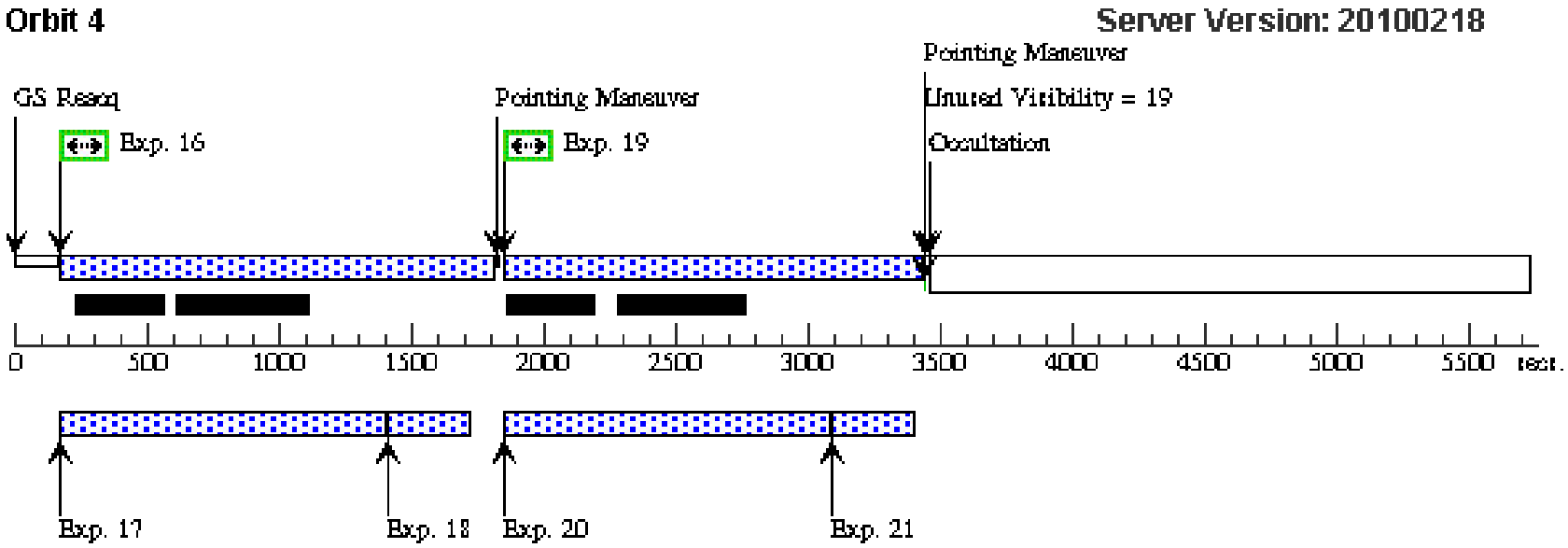
3500
4000
4500
5000
5500
sec.
Exp. 11
Exp. 12
Exp. 14
Exp. 15


Orbit 4
Server Version: 20100218
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Visibility = 19
Exp. 16
Exp. 19
Occultation
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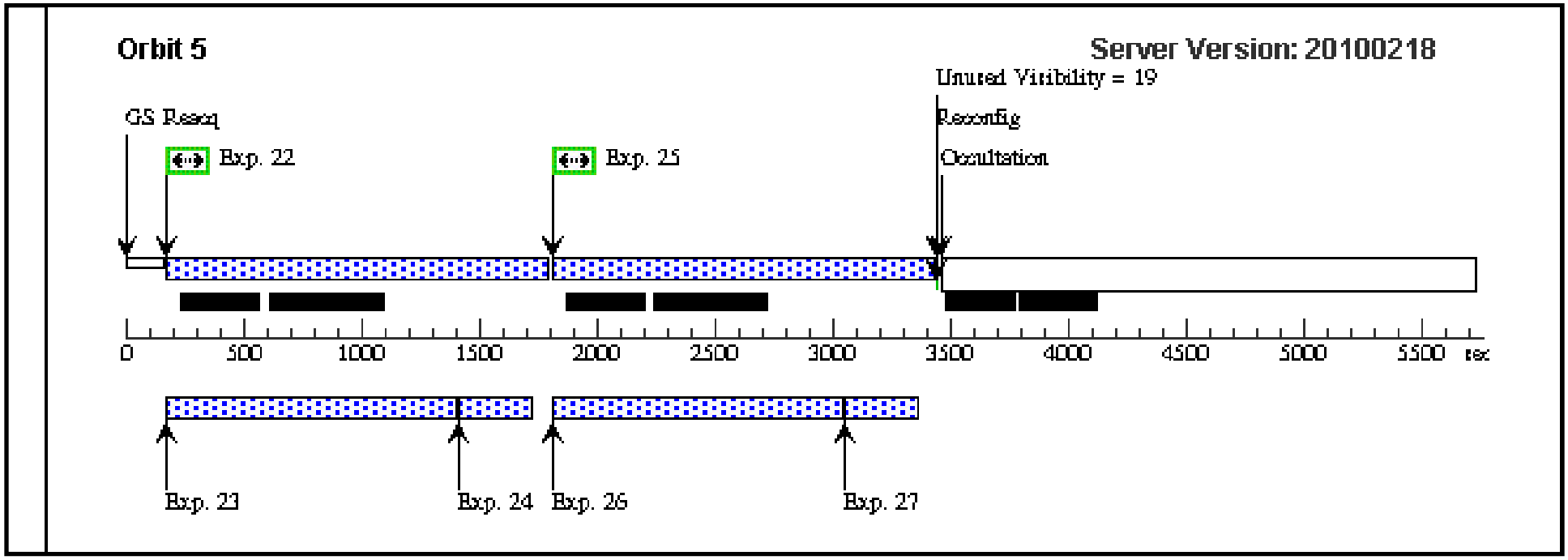
4500
5000
5500
sec.
Exp. 17
Exp. 18
Exp. 20
Exp. 21


Orbit 5
Server Version: 20100218
Unused Visibility = 19
GS Reacq
Exp. 22
Exp. 25
Reconfig
Occultation
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500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 08, scheduling Sat Apr 24 01:11:05 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC, WFC3/UVIS

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 280D TO 282 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

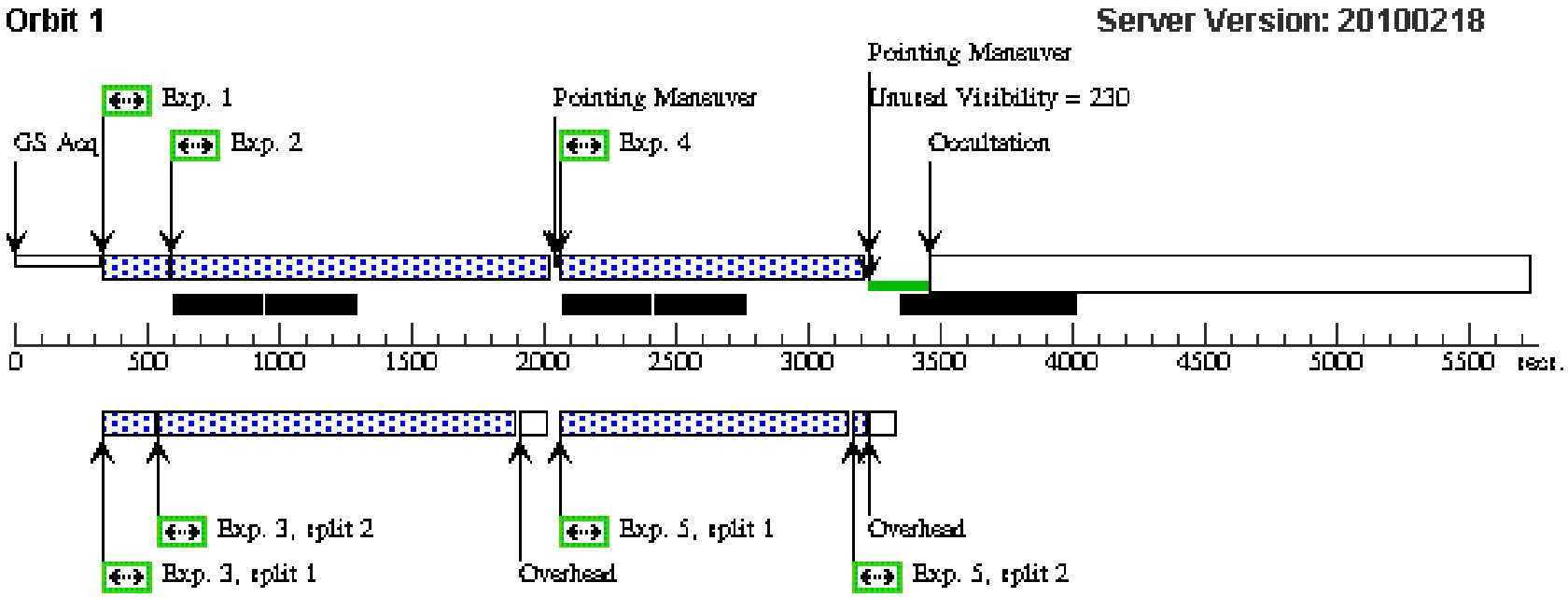
Comments: This object was generated by the targetselector and retrieved from the NED database.

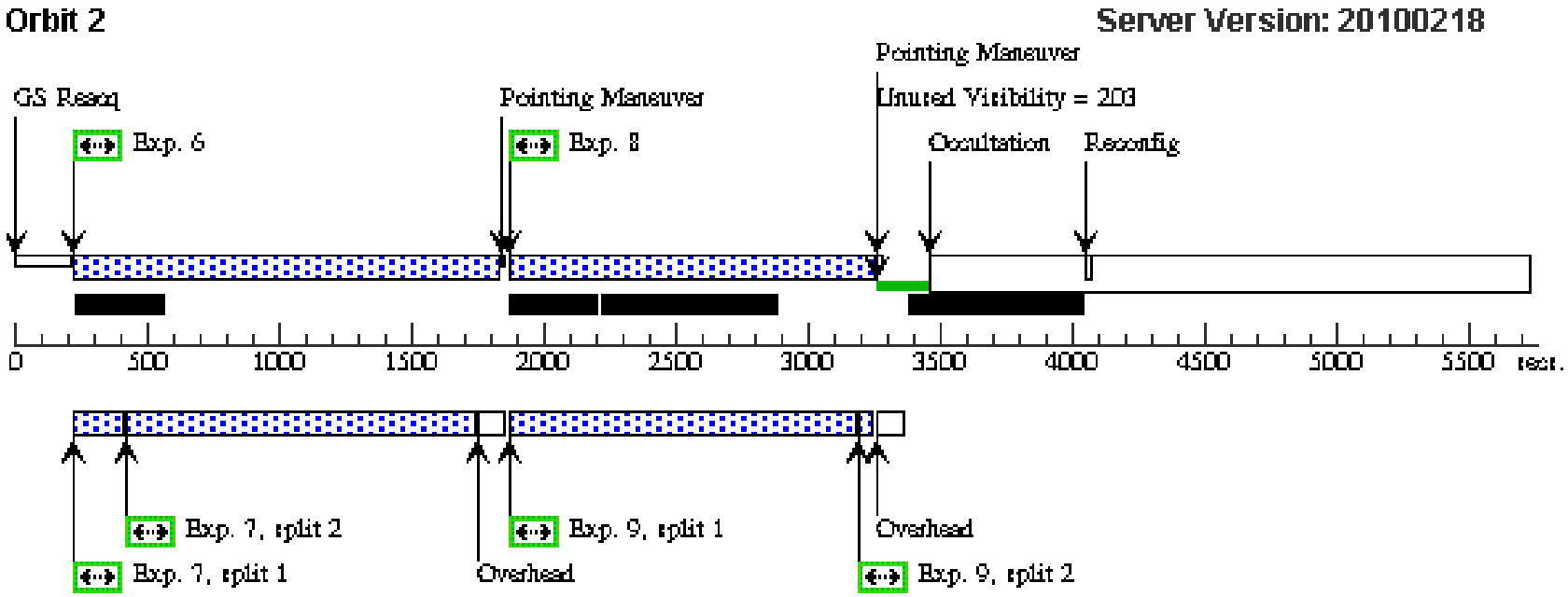
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1 Secs *[==>1.0 Secs]*	***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1500 Secs *[==>1303 Secs]*	***[1]***
3		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 1-3	1500.0 Secs *[==>50 Secs (Split 1)]* *[==>1351.0 Secs (Split 2)]*	***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.75,3.75	Prime + Parallel Group 4-5	1500 Secs *[==>1031.0 Secs]*	***[1]***
5		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 4-5	1500.0 Secs *[==>975.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 6-7	1500 Secs *[==>1484.0 Secs]*	***[2]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 6-7	1500 Secs *[==>50.0 Secs (Split 1)]* *[==>1319.0 Secs (Split 2)]*	***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.75,3.75	Prime + Parallel Group 8-9	1500 Secs *[==>1254.0 Secs]*	***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 8-9	1500 Secs *[==>1200.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.75,-3.75	Prime + Parallel Group 10-12	1500 Secs *[==>1457.0 Secs]*	***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.5,-7.5	Prime + Parallel Group 13-15	1500 Secs *[==>1226.0 Secs]*	***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=13; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=8; SAMP-SEQ=STEP25		Prime + Parallel Group 13-15	*[==>]*	***[3]***

	16	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.75,-3.75	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***
	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.5,-7.5	Prime + Parallel Group 19-21	1500 Secs *[==>1226.0 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=8; SAMP-SEQ=STEP25		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0	Prime + Parallel Group 25-27	1500 Secs *[==>1213.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=9; SAMP-SEQ=STEP25		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure




Orbit 2
Server Version: 20100218
Pointing Maneuver
GS Reacq
Pointing Maneuver
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Exp. 8
Occultation
Reconfig
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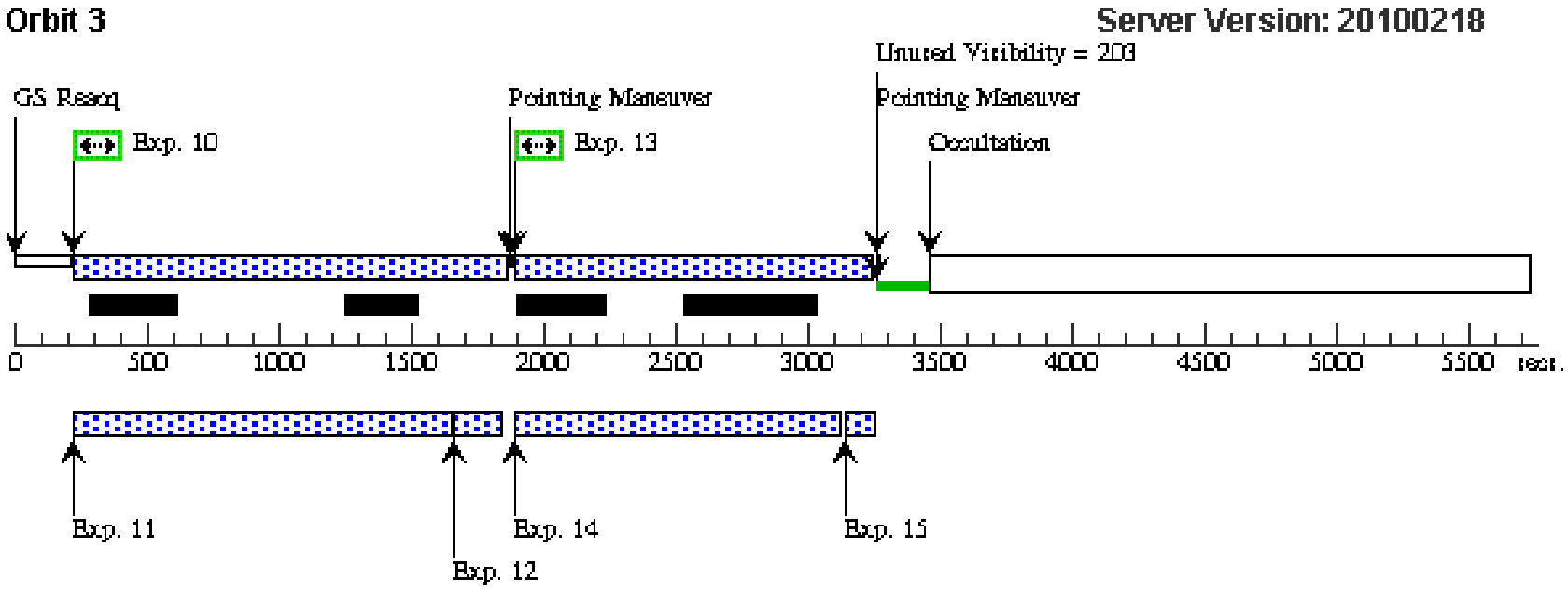
5500
sec.
Exp. 7, split 2
Exp. 9, split 1
Overhead
Exp. 7, split 1
Overhead
Exp. 9, split 2


Orbit 3
Server Version: 20100218
Unused Visibility = 208
GS Reacq
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Pointing Maneuver
Exp. 13
Pointing Maneuver
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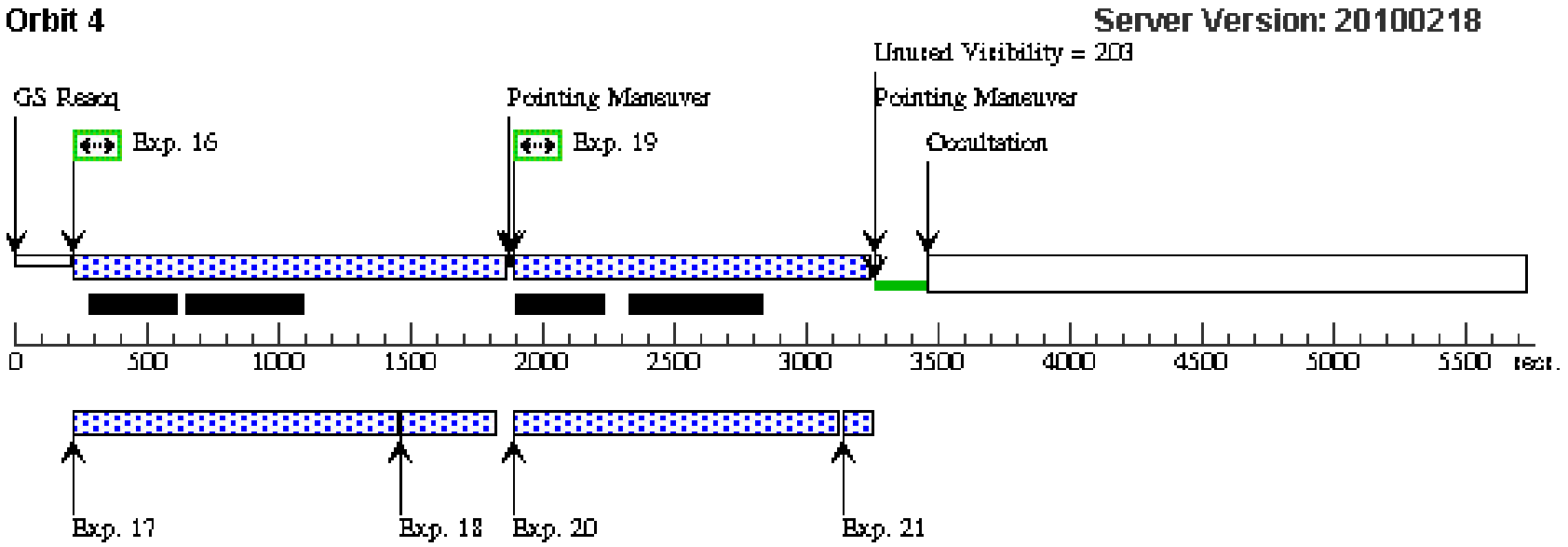
4500
5000
5500
sec.
Exp. 11
Exp. 12
Exp. 14
Exp. 15


Orbit 4
Server Version: 20100218
Unused Visibility = 208
GS Reacq
Exp. 16
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Exp. 19
Pointing Maneuver
Occultation
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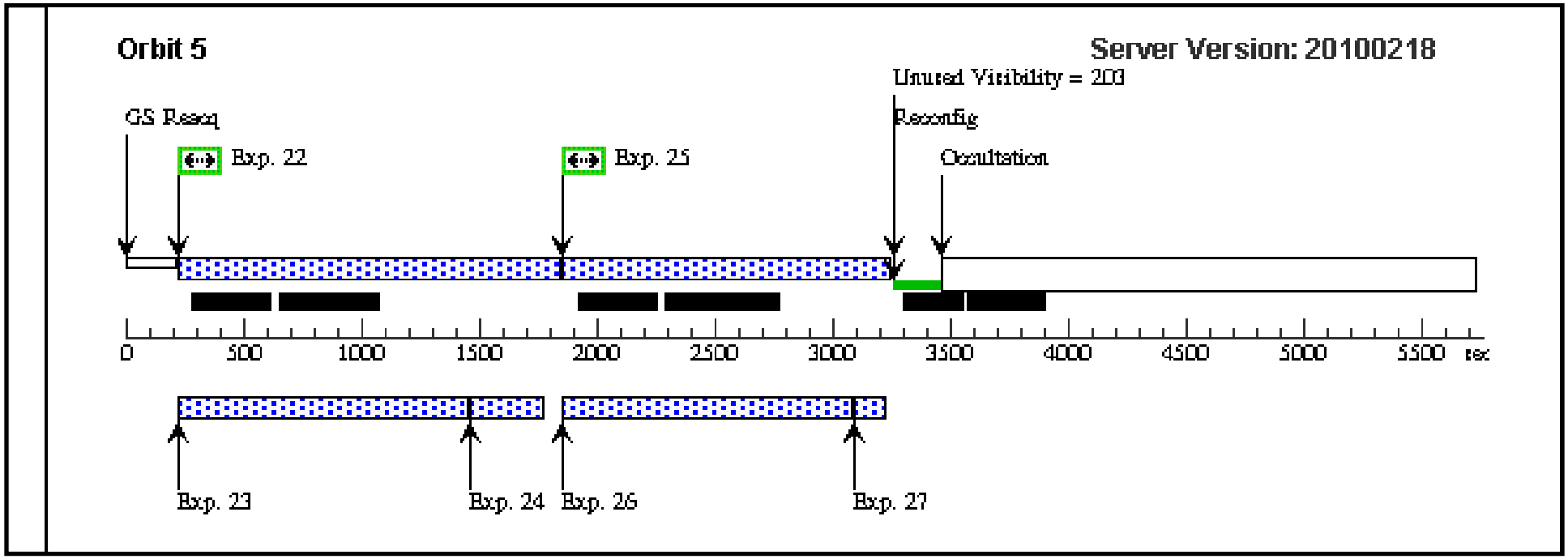
sec.
Exp. 17
Exp. 18
Exp. 20
Exp. 21


Orbit 5
Server Version: 20100218
Unused Visibility = 200
GS Reacq
Exp. 22
Exp. 25
Reconfig
Occultation
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2500
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3500
4000
4500
5000
5500
sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 09, scheduling Sat Apr 24 01:11:06 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC, WFC3/UVIS

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 300D TO 300 D

Diagnostics

(Visit 09) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 09) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 09) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 09) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

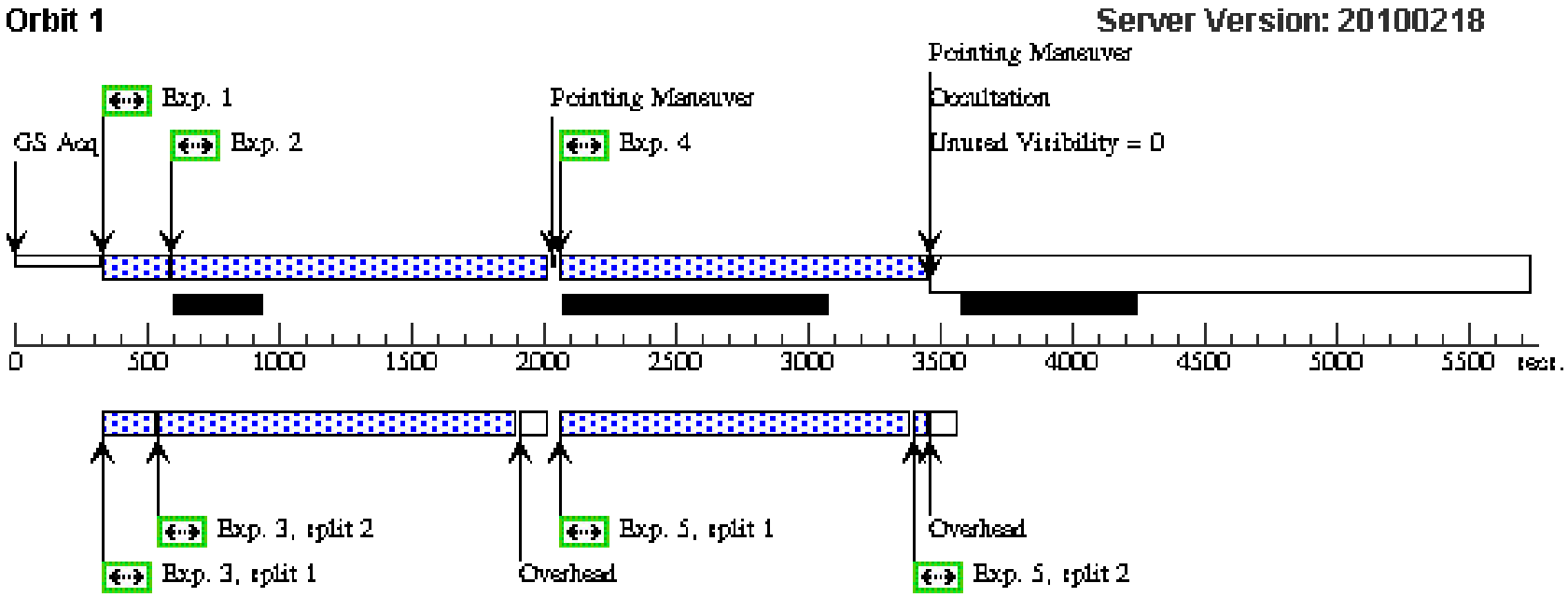
Comments: This object was generated by the targetselector and retrieved from the NED database.

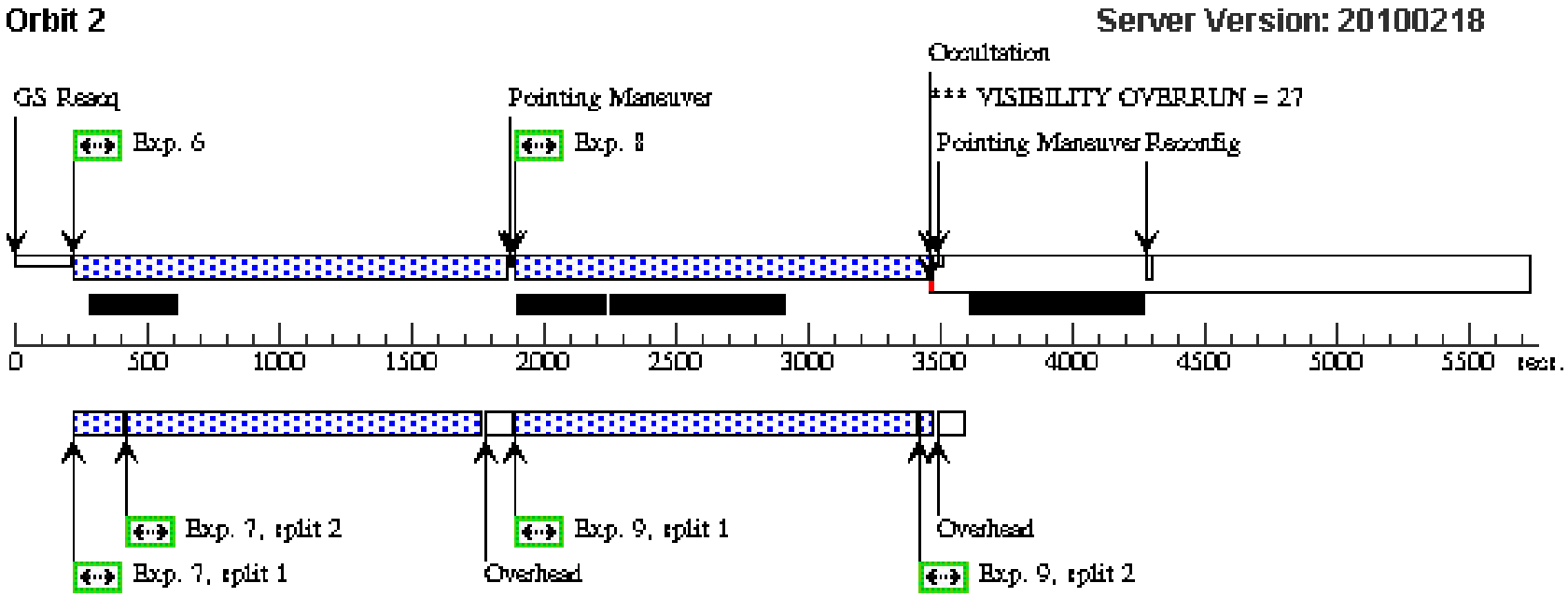
Exposures

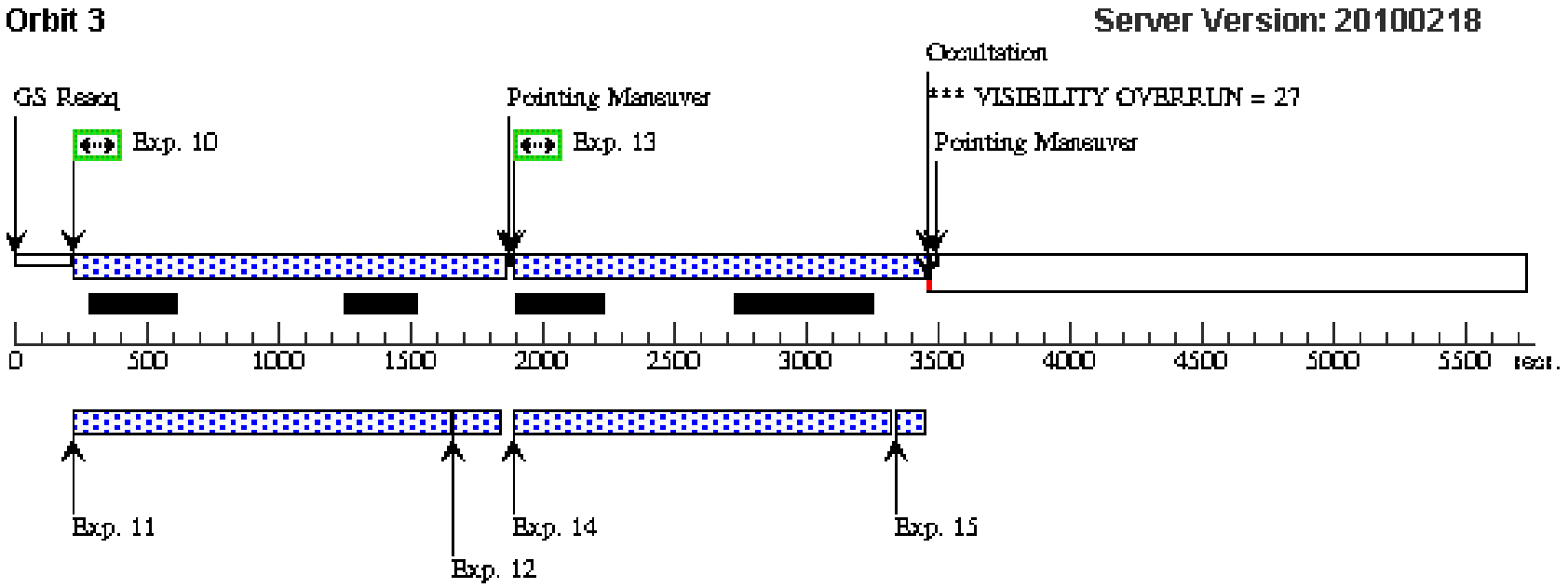
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1 Secs *[==>10.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1500 Secs *[==>1298.0 Secs]*	 ***[1]***
3		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 1-3	1500.0 Secs *[==>50 Secs (Split 1)]* *[==>1355.0 Secs (Split 2)]*	 ***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.75,3.75	Prime + Parallel Group 4-5	1500 Secs *[==>1266.0 Secs]*	 ***[1]***
5		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 4-5	1500.0 Secs *[==>1211.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 6-7	1500 Secs *[==>50.0 Secs (Split 1)]* *[==>1347.0 Secs (Split 2)]*	 ***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.75,3.75	Prime + Parallel Group 8-9	1500 Secs *[==>1456.0 Secs]*	 ***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 8-9	1500 Secs *[==>1402.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.75,-3.75	Prime + Parallel Group 10-12	1500 Secs *[==>1457.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.5,-7.5	Prime + Parallel Group 13-15	1500 Secs *[==>1456.0 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPARS10		Prime + Parallel Group 13-15	*[==>]*	***[3]***

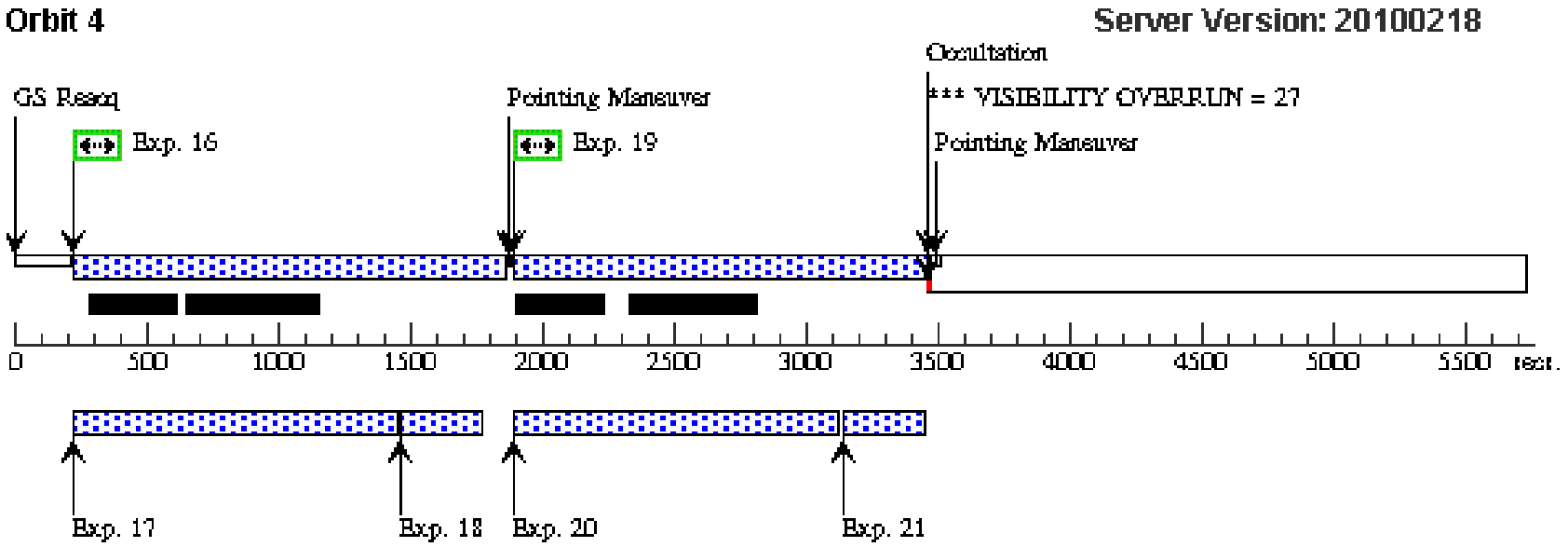
	16	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.75,-3.75	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***
	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.5,-7.5	Prime + Parallel Group 19-21	1500 Secs *[==>1456.0 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0	Prime + Parallel Group 25-27	1500 Secs *[==>1443.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure




Orbit 2
Server Version: 20100218
Occultation
GS Reacq
Pointing Maneuver
*** VISIBILITY OVERRUN = 27
Exp. 6
Exp. 8
Pointing Maneuver Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 7, split 2
Exp. 9, split 1
Overhead
Exp. 7, split 1
Overhead
Exp. 9, split 2


Orbit 3
Server Version: 20100218
Occultation
GS Reacq
Pointing Maneuver
*** VISIBILITY OVERRUN = 27
Exp. 10
Exp. 13
Pointing Maneuver
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 11
Exp. 12
Exp. 14
Exp. 15


Orbit 4
Server Version: 20100218
Occultation
GS Reacq
Pointing Maneuver
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Exp. 19
Pointing Maneuver
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500
1000
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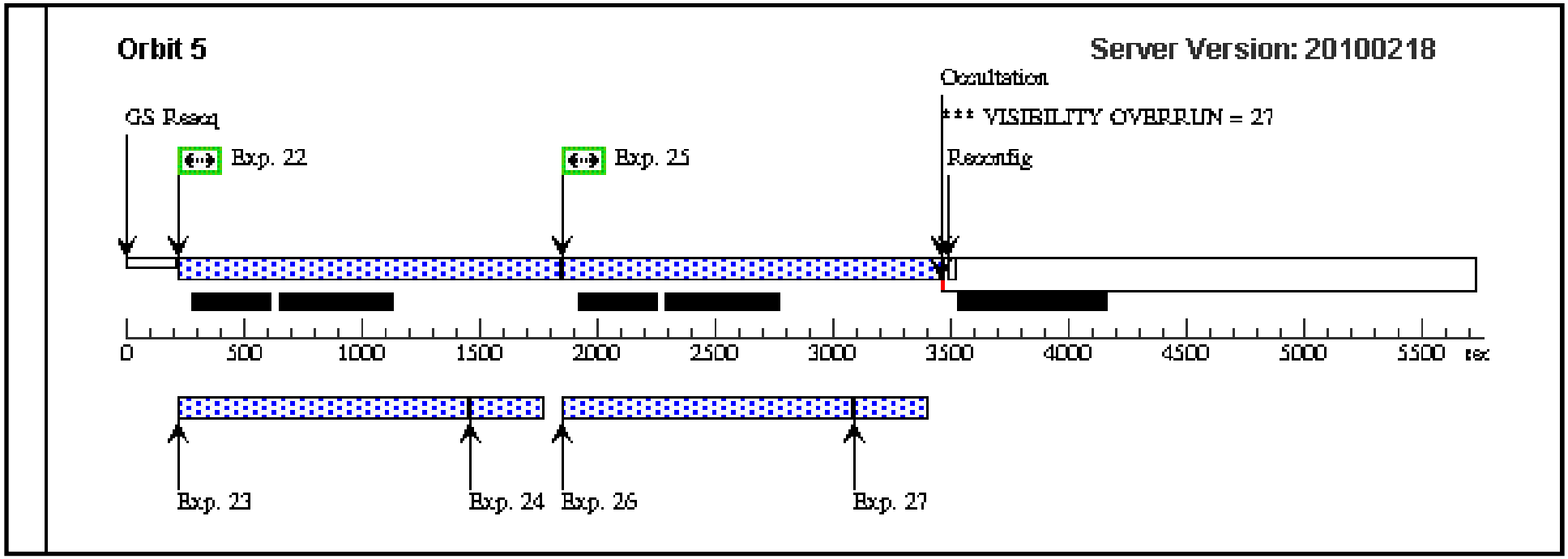
3000
3500
4000
4500
5000
5500
sec.
Exp. 17
Exp. 18
Exp. 20
Exp. 21


Orbit 5
Server Version: 20100218
Occultation
GS Reacq
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Exp. 22
Exp. 25
Reconfig
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1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 10, scheduling Sat Apr 24 01:11:08 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC, WFC3/UVIS

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 320D TO 320 D

Diagnostics

(Visit 10) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 10) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 10) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 10) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

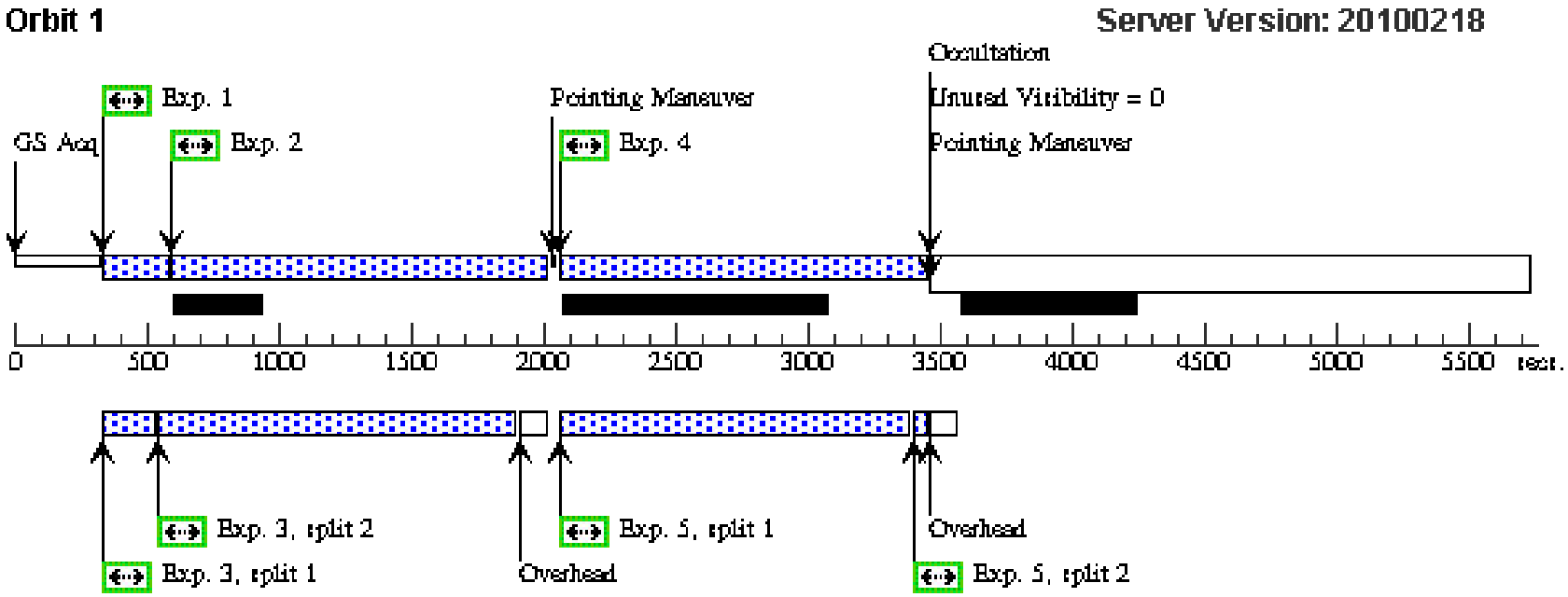
Comments: This object was generated by the targetselector and retrieved from the NED database.

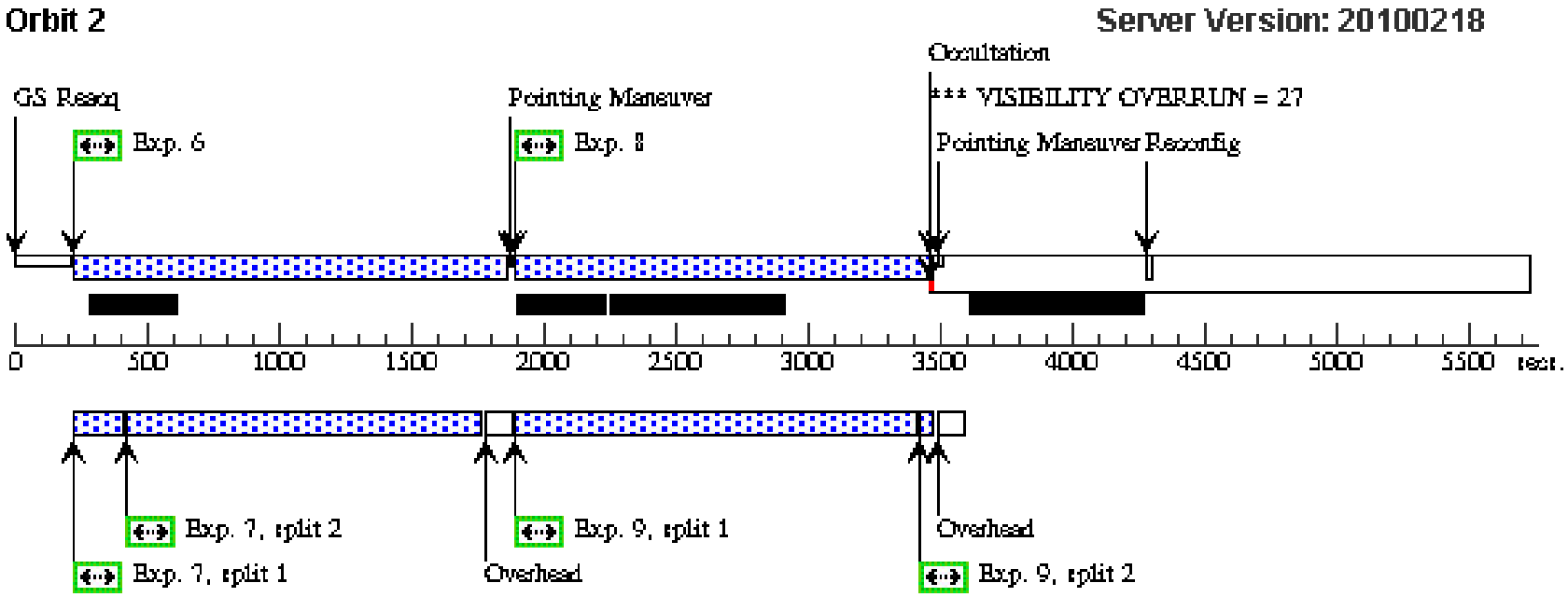
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1 Secs *[==>10.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1500 Secs *[==>1298.0 Secs]*	 ***[1]***
3		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 1-3	1500.0 Secs *[==>50 Secs (Split 1)]* *[==>1355.0 Secs (Split 2)]*	 ***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.75,3.75	Prime + Parallel Group 4-5	1500 Secs *[==>1266.0 Secs]*	 ***[1]***
5		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 4-5	1500.0 Secs *[==>1211.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 6-7	1500 Secs *[==>50.0 Secs (Split 1)]* *[==>1347.0 Secs (Split 2)]*	 ***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.75,3.75	Prime + Parallel Group 8-9	1500 Secs *[==>1456.0 Secs]*	 ***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 8-9	1500 Secs *[==>1402.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.75,-3.75	Prime + Parallel Group 10-12	1500 Secs *[==>1498 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.5,-7.5	Prime + Parallel Group 13-15	1500 Secs *[==>1470 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPARS10		Prime + Parallel Group 13-15	*[==>]*	***[3]***

	16	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.75,-3.75	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***
	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.5,-7.5	Prime + Parallel Group 19-21	1500 Secs *[==>1456.0 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0	Prime + Parallel Group 25-27	1500 Secs *[==>1443.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure




Orbit 2
Server Version: 20100218
Occultation
GS Reacq
Pointing Maneuver
*** VISIBILITY OVERRUN = 27
Exp. 6
Exp. 8
Pointing Maneuver Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
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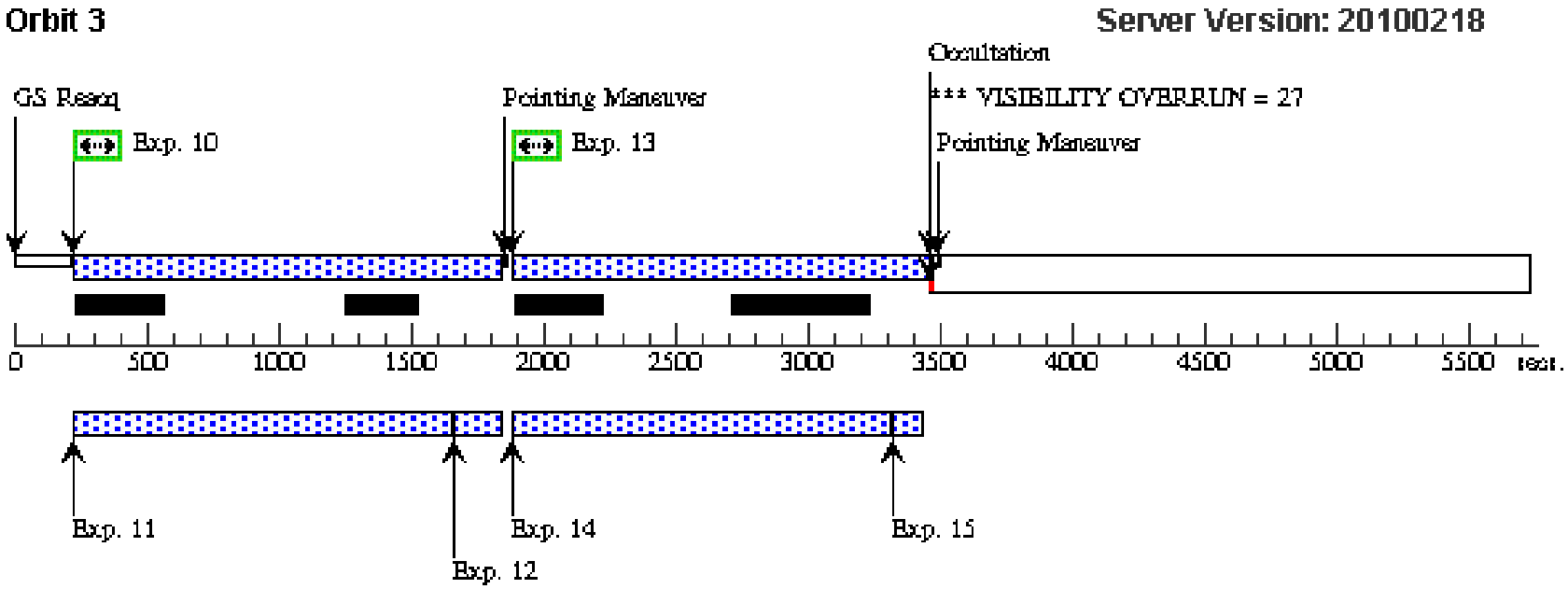
5500
sec.
Exp. 7, split 2
Exp. 9, split 1
Overhead
Exp. 7, split 1
Overhead
Exp. 9, split 2


Orbit 3
Server Version: 20100218
Occultation
GS Reacq
Pointing Maneuver
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Exp. 13
Pointing Maneuver
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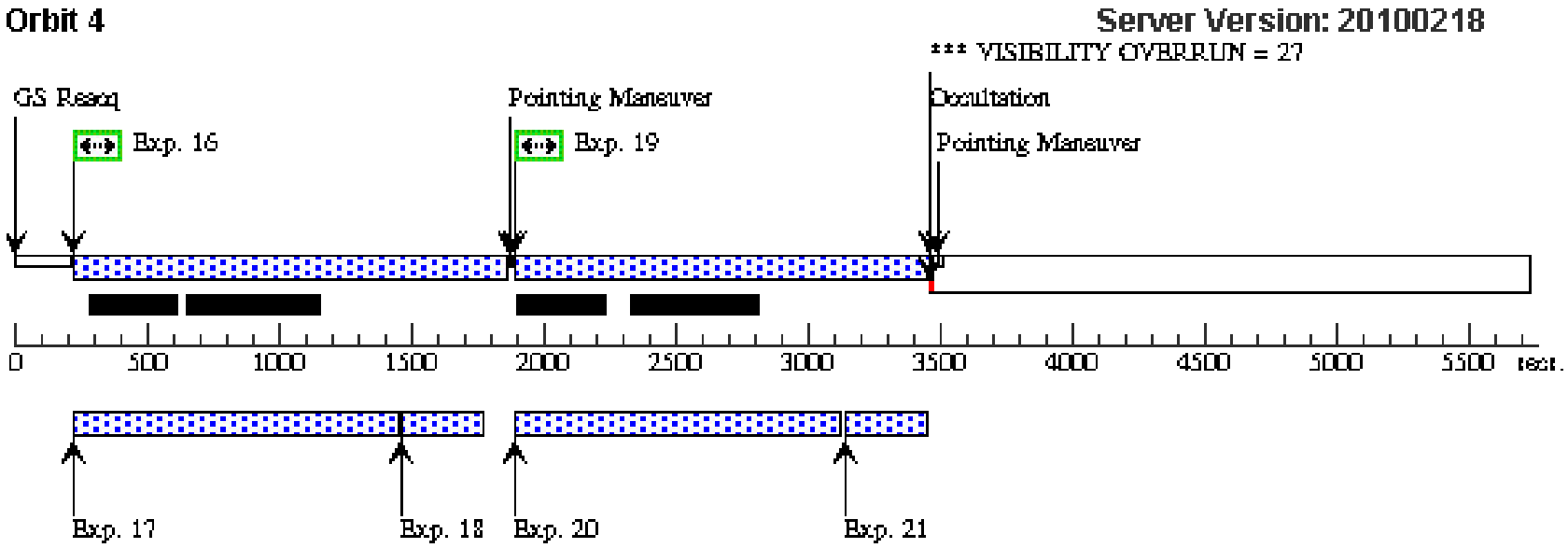
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 11
Exp. 12
Exp. 14
Exp. 15


Orbit 4
Server Version: 20100218
*** VISIBILITY OVERRUN = 27
GS Reacq
Exp. 16
Pointing Maneuver
Exp. 19
Occultation
Pointing Maneuver
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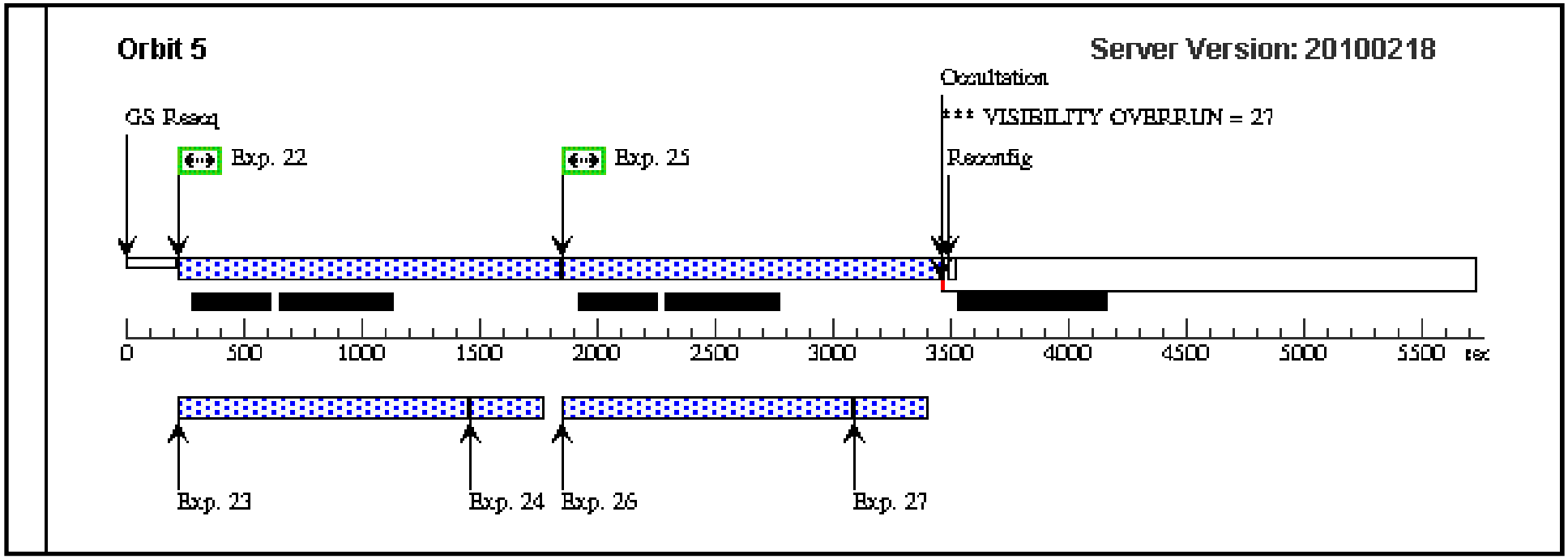
3500
4000
4500
5000
5500
sec.
Exp. 17
Exp. 18
Exp. 20
Exp. 21


Orbit 5
Server Version: 20100218
Occultation
GS Reacq
*** VISIBILITY OVERRUN = 27
Exp. 22
Exp. 25
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 11, scheduling Sat Apr 24 01:11:10 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC, WFC3/UVIS

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 339D TO 339 D

Diagnostics

(Visit 11) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 11) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 11) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 11) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

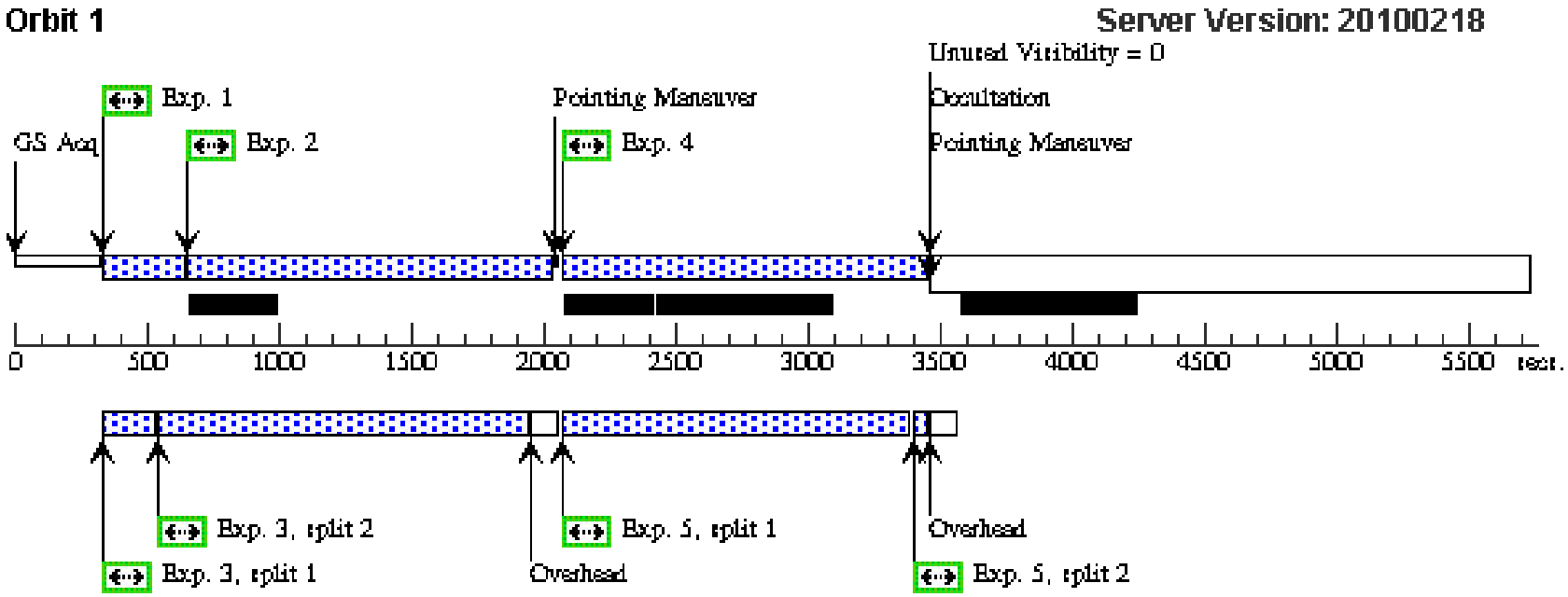
Comments: This object was generated by the targetselector and retrieved from the NED database.

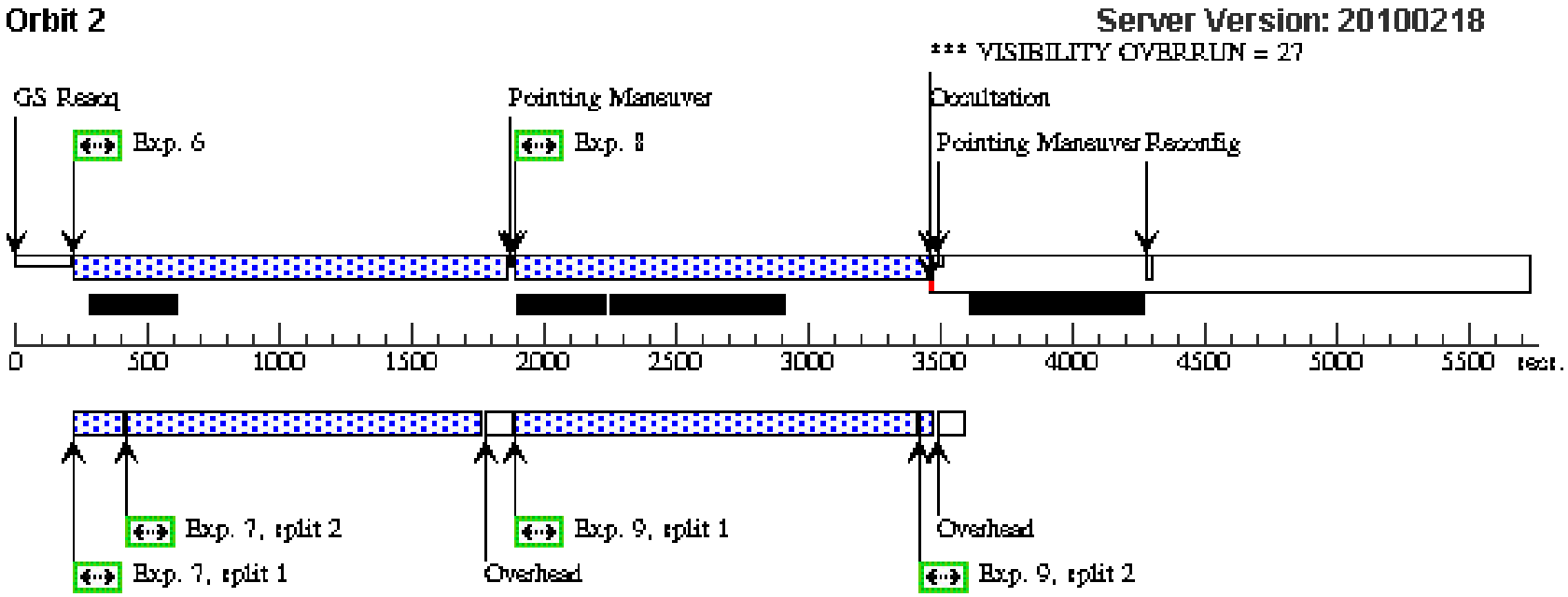
Exposures

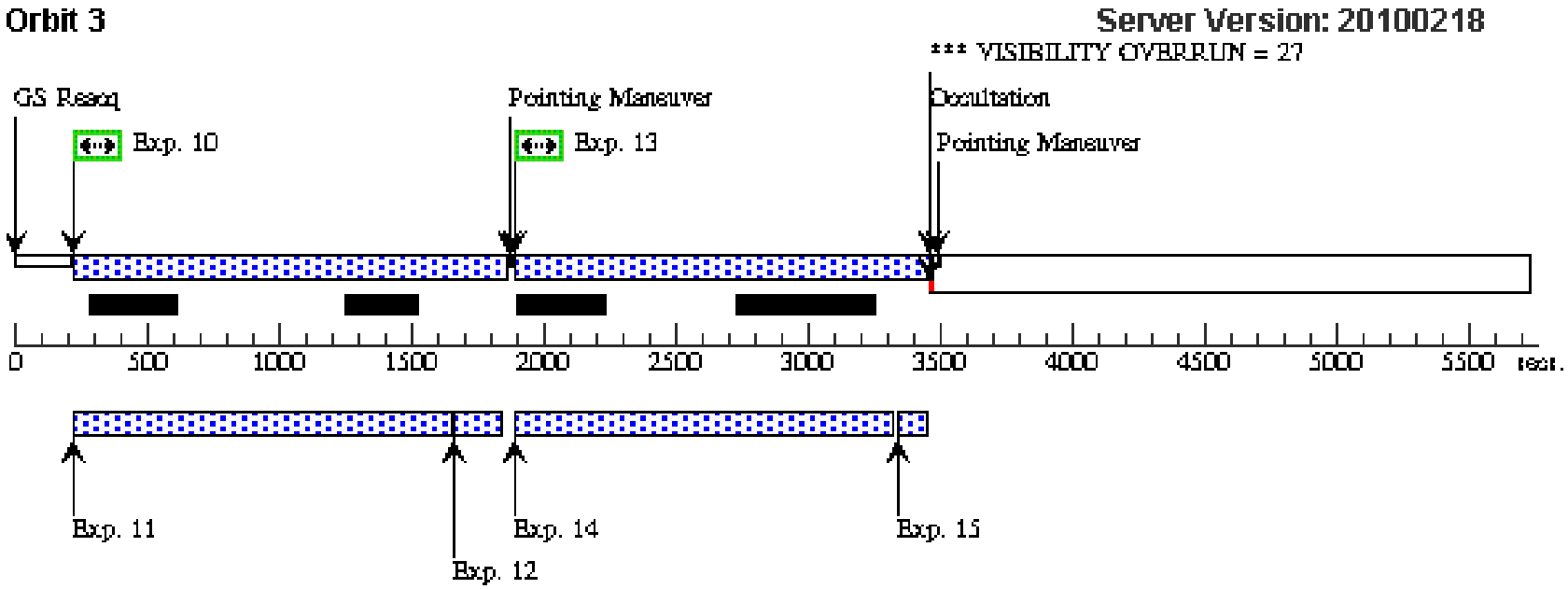
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1 Secs *[==>100.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1500 Secs *[==>1252 Secs]*	 ***[1]***
3		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 1-3	1500.0 Secs *[==>50 Secs (Split 1)]* *[==>1400.0 Secs (Split 2)]*	 ***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.75,3.75	Prime + Parallel Group 4-5	1500 Secs *[==>1253 Secs]*	 ***[1]***
5		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 4-5	1500.0 Secs *[==>1199.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 6-7	1500 Secs *[==>50.0 Secs (Split 1)]* *[==>1347.0 Secs (Split 2)]*	 ***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.75,3.75	Prime + Parallel Group 8-9	1500 Secs *[==>1456.0 Secs]*	 ***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 8-9	1500 Secs *[==>1402.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.75,-3.75	Prime + Parallel Group 10-12	1500 Secs *[==>1457.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.5,-7.5	Prime + Parallel Group 13-15	1500 Secs *[==>1456.0 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPARS10		Prime + Parallel Group 13-15	*[==>]*	***[3]***

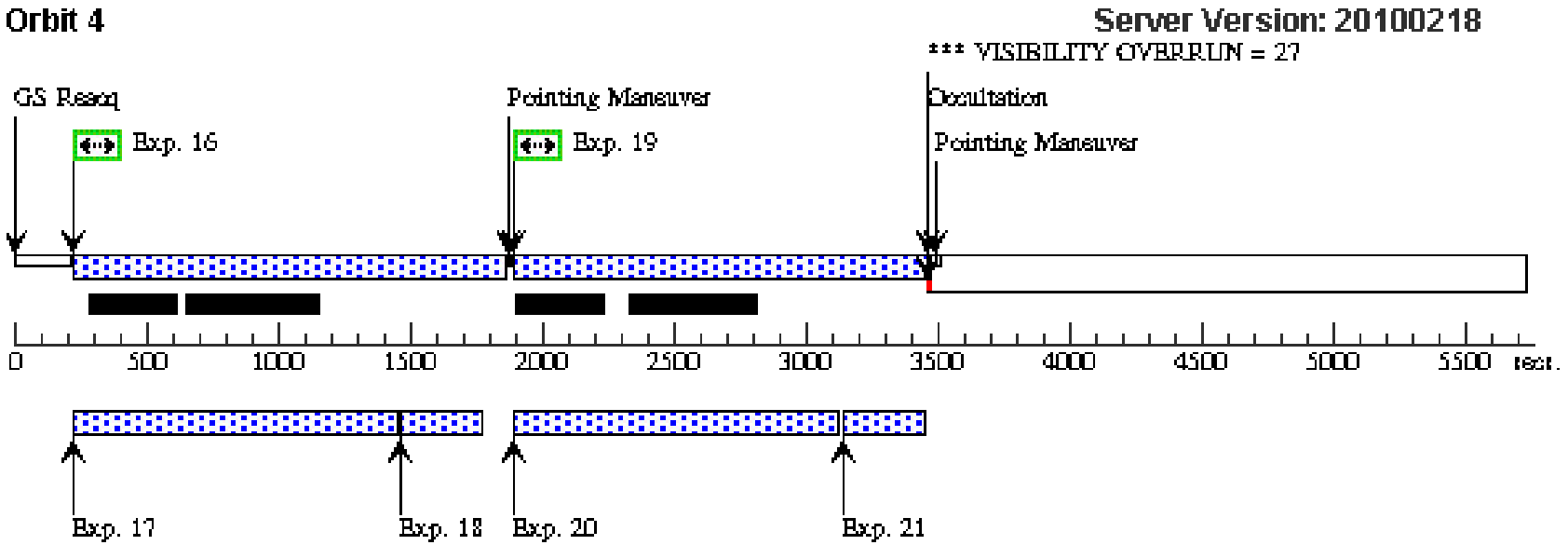
	16	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.75,-3.75	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***
	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.5,-7.5	Prime + Parallel Group 19-21	1500 Secs *[==>1456.0 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0	Prime + Parallel Group 25-27	1500 Secs *[==>1443.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure




Orbit 2
Server Version: 20100218
*** VISIBILITY OVERRUN = 27
GS Reacq
Exp. 6
Pointing Maneuver
Exp. 8
Occultation
Pointing Maneuver Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 7, split 2
Exp. 7, split 1
Overhead
Exp. 9, split 1
Overhead
Exp. 9, split 2


Orbit 3
Server Version: 20100218
*** VISIBILITY OVERRUN = 27
GS Reacq
Exp. 10
Pointing Maneuver
Exp. 13
Occultation
Pointing Maneuver
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 11
Exp. 12
Exp. 14
Exp. 15


Orbit 4
Server Version: 20100218
*** VISIBILITY OVERRUN = 27
GS Reacq
Exp. 16
Pointing Maneuver
Exp. 19
Occultation
Pointing Maneuver
0
500
1000
1500
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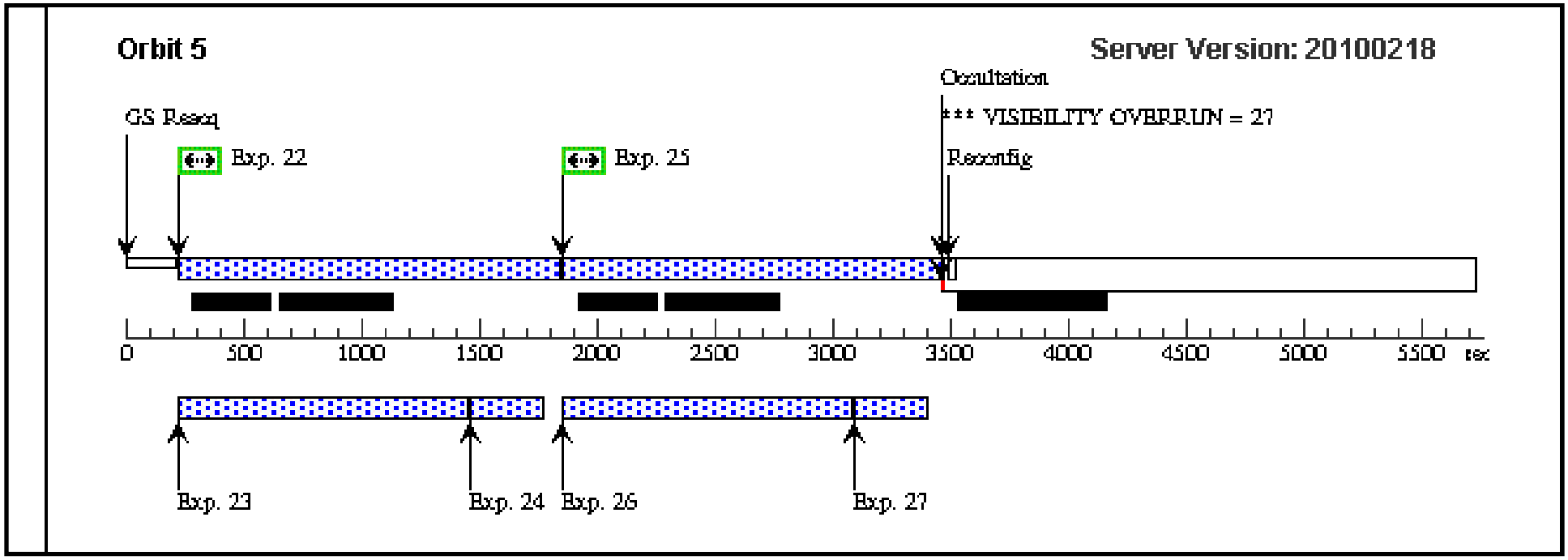
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 17
Exp. 18
Exp. 20
Exp. 21


Orbit 5
Server Version: 20100218
Occultation
GS Reacq
*** VISIBILITY OVERRUN = 27
Exp. 22
Exp. 25
Reconfig
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500
1000
1500
2000
2500
3000
3500
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4500
5000
5500
sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 12, scheduling Sat Apr 24 01:11:12 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC, WFC3/UVIS

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 358D TO 358 D

Diagnostics

(Visit 12) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 12) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 12) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 12) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

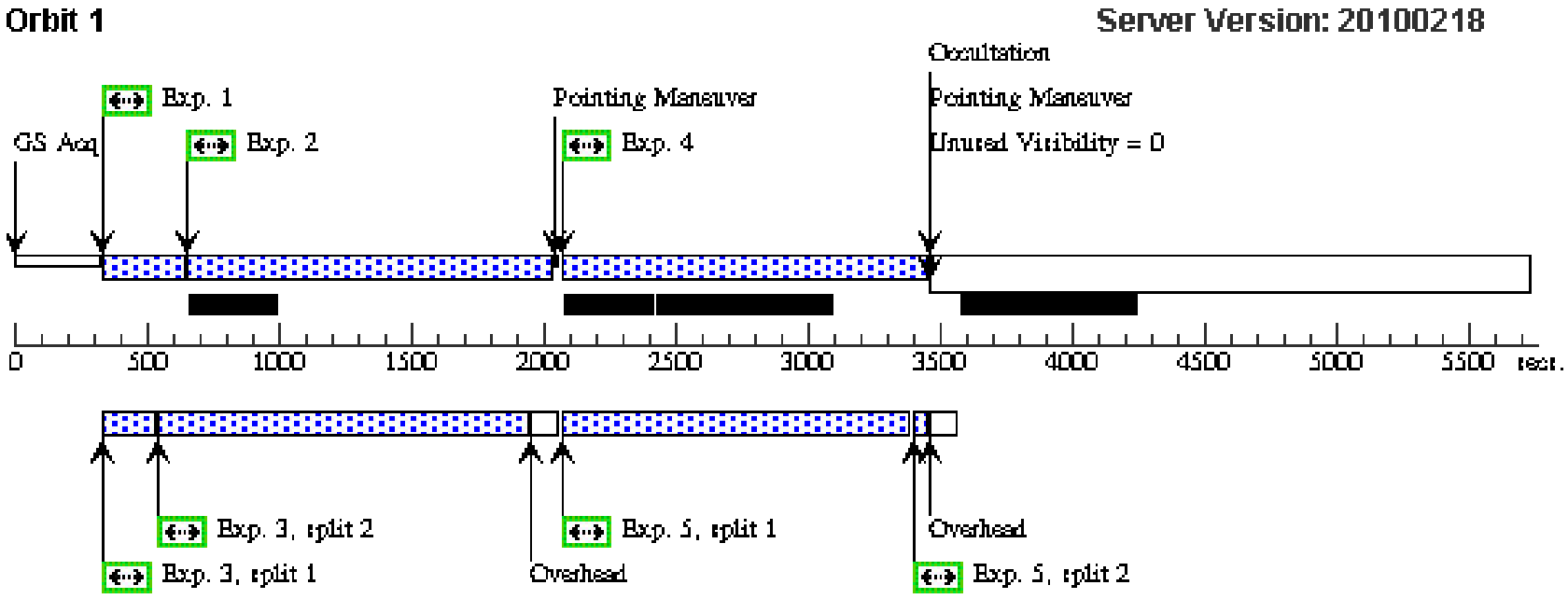
Comments: This object was generated by the targetselector and retrieved from the NED database.

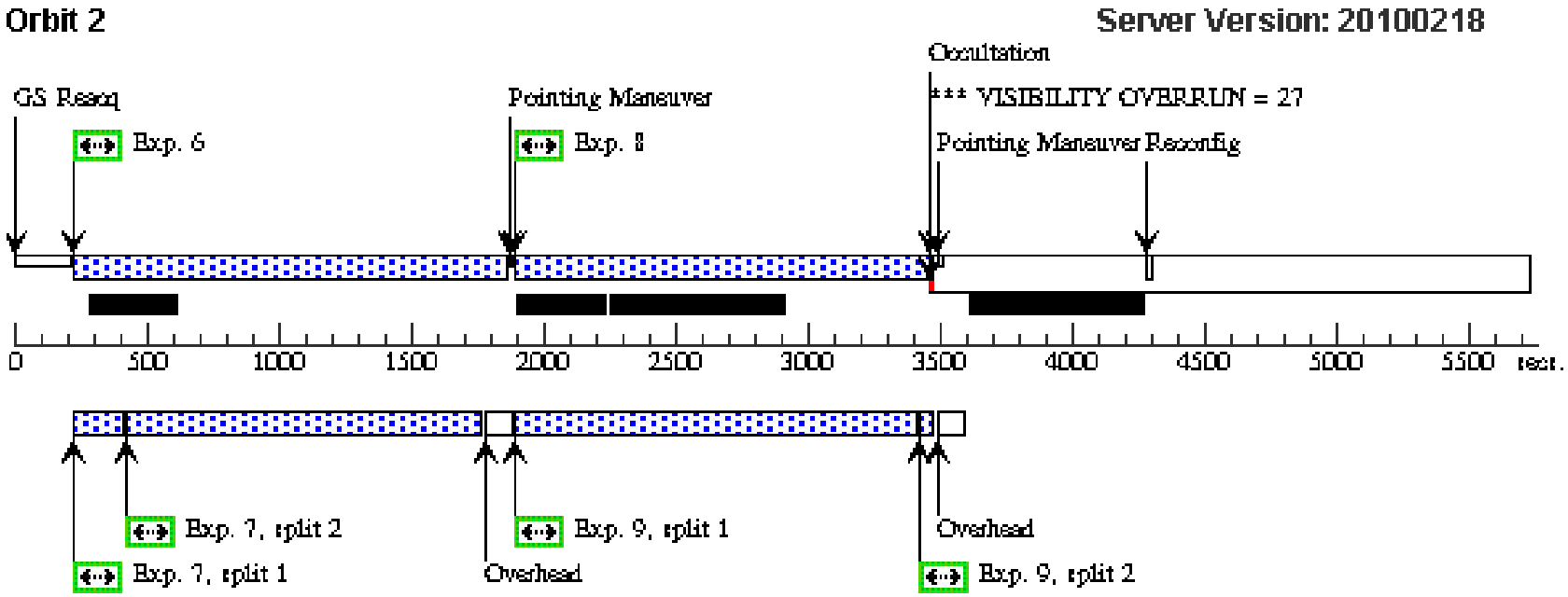
Exposures

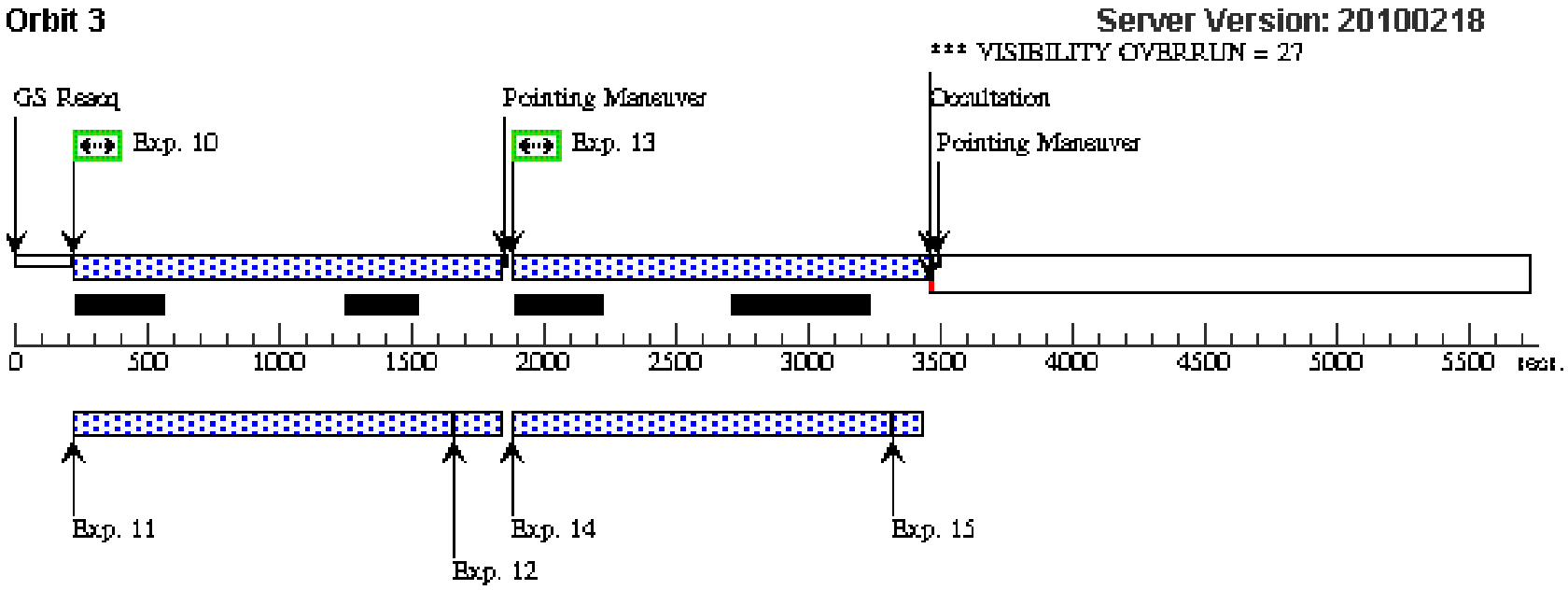
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	1 Secs *[==>100.0 Secs]*	***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.5,7.5	Prime + Parallel Group 1-3	1500 Secs *[==>1252 Secs]*	***[1]***
3		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 1-3	1500.0 Secs *[==>50 Secs (Split 1)]* *[==>1400.0 Secs (Split 2)]*	***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.75,3.75	Prime + Parallel Group 4-5	1500 Secs *[==>1253 Secs]*	***[1]***
5		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 4-5	1500.0 Secs *[==>1199.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.5,7.5	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	***[2]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 6-7	1500 Secs *[==>50.0 Secs (Split 1)]* *[==>1347.0 Secs (Split 2)]*	***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.75,3.75	Prime + Parallel Group 8-9	1500 Secs *[==>1456.0 Secs]*	***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 8-9	1500 Secs *[==>1402.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.75,-3.75	Prime + Parallel Group 10-12	1500 Secs *[==>1498 Secs]*	***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.5,-7.5	Prime + Parallel Group 13-15	1500 Secs *[==>1470 Secs]*	***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPARS10		Prime + Parallel Group 13-15	*[==>]*	***[3]***

	16	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.75,-3.75	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***
	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.5,-7.5	Prime + Parallel Group 19-21	1500 Secs *[==>1456.0 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0	Prime + Parallel Group 25-27	1500 Secs *[==>1443.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure




Orbit 2
Server Version: 20100218
Occultation
GS Reacq
Pointing Maneuver
*** VISIBILITY OVERRUN = 27
Exp. 6
Exp. 8
Pointing Maneuver Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 7, split 2
Exp. 9, split 1
Overhead
Exp. 7, split 1
Overhead
Exp. 9, split 2


Orbit 3
Server Version: 20100218
*** VISIBILITY OVERRUN = 27
GS Reacq
Exp. 10
Pointing Maneuver
Exp. 13
Occultation
Pointing Maneuver
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500
1000
1500
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3500
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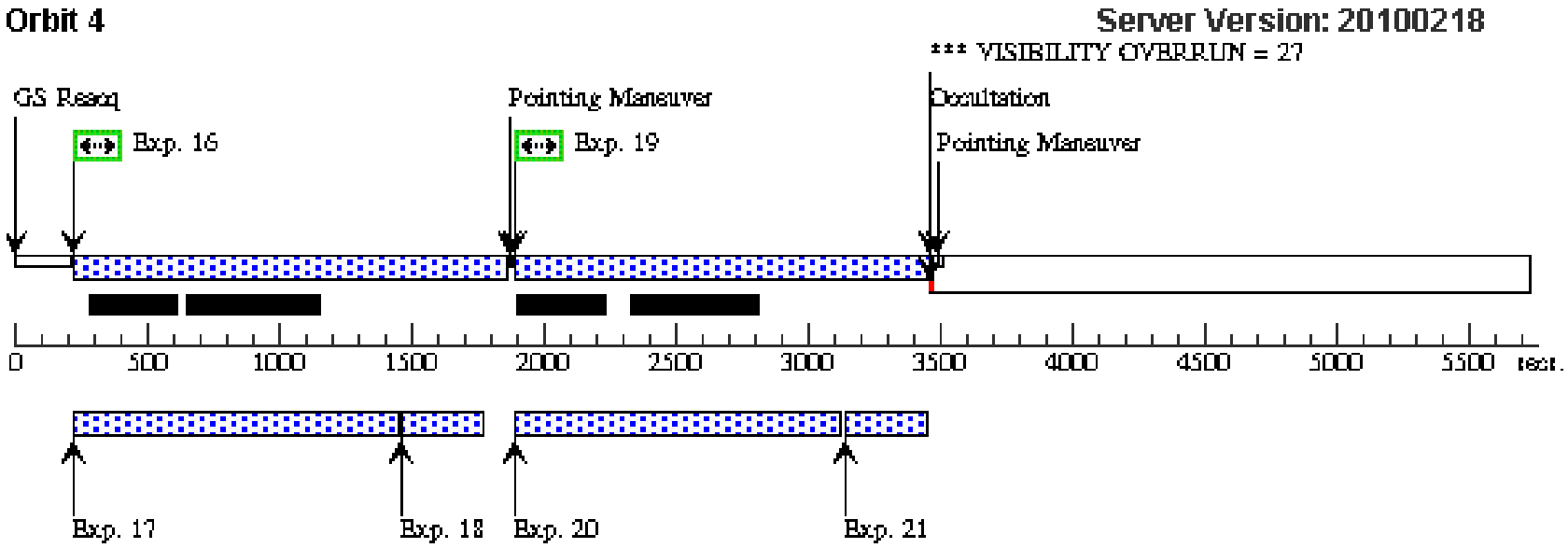
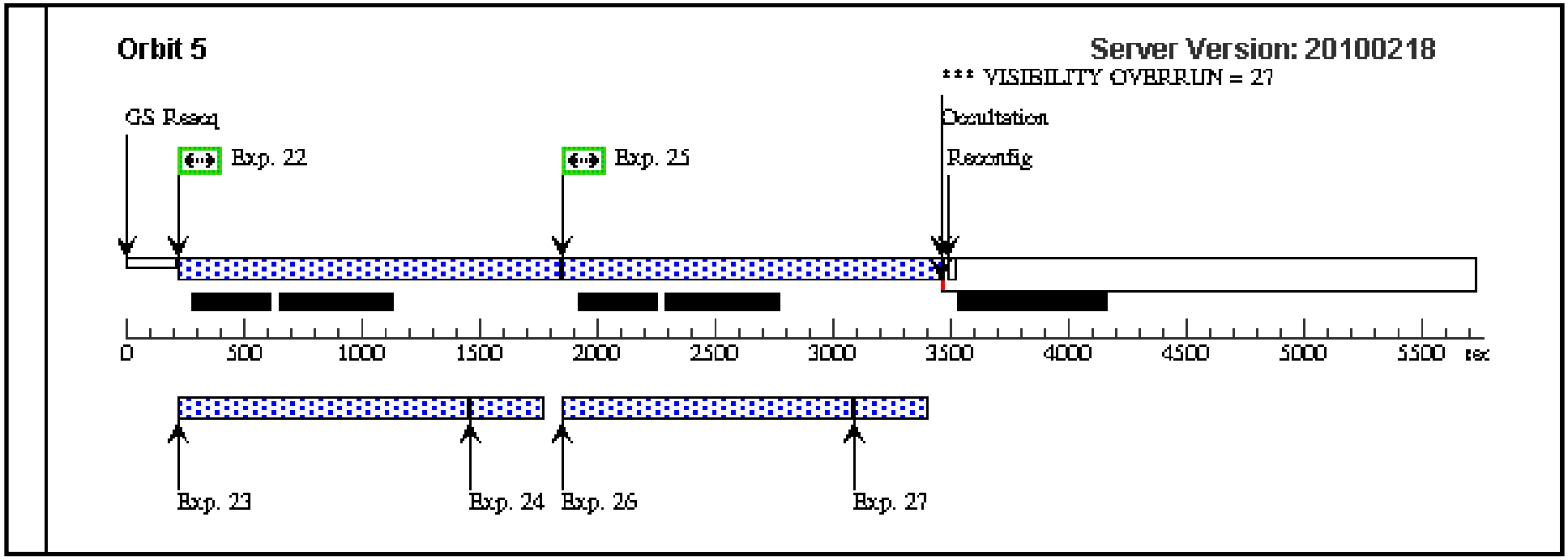
4500
5000
5500
sec.
Exp. 11
Exp. 12
Exp. 14
Exp. 15


Orbit 4
Server Version: 20100218
*** VISIBILITY OVERRUN = 27
GS Reacq
Exp. 16
Pointing Maneuver
Exp. 19
Occultation
Pointing Maneuver
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 17
Exp. 18
Exp. 20
Exp. 21


Orbit 5
Server Version: 20100218
*** VISIBILITY OVERRUN = 27
GS Reacq
Exp. 22
Exp. 25
Occultation
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 13, completed Sat Apr 24 01:11:14 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC, WFC3/UVIS

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 107.5D TO 118.5 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

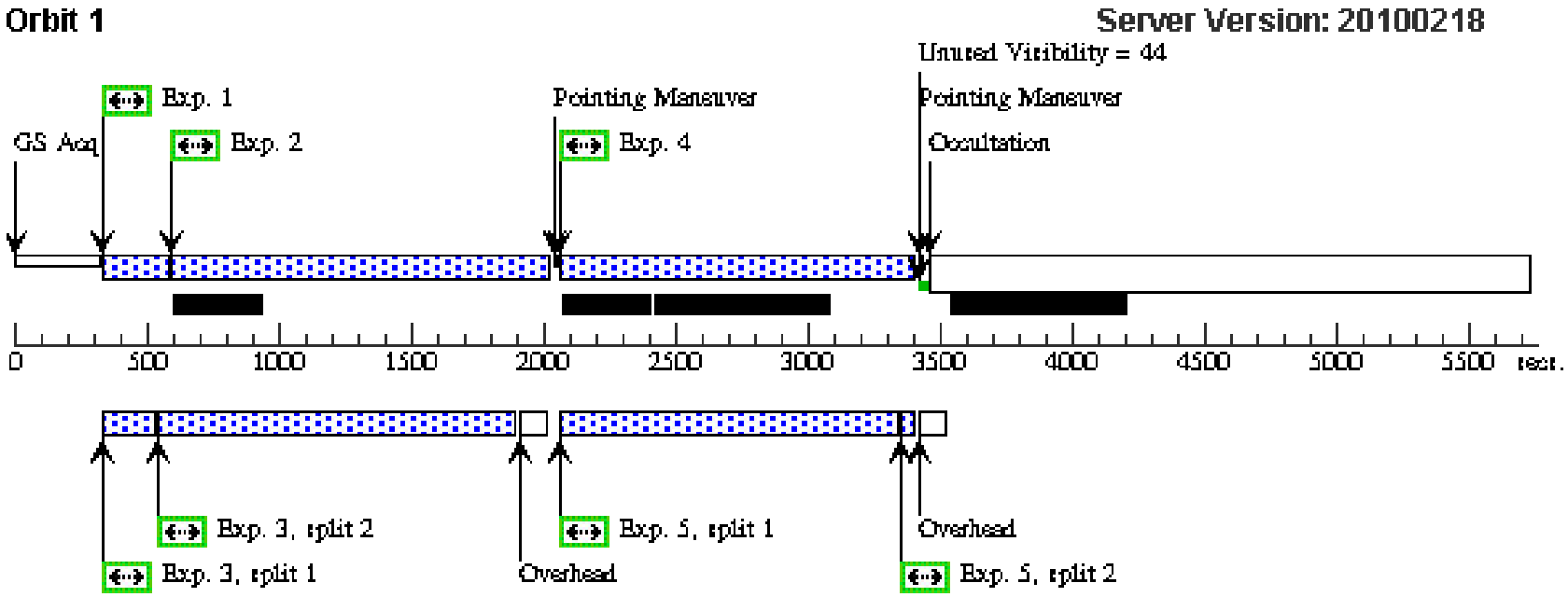
Comments: This object was generated by the targetselector and retrieved from the NED database.

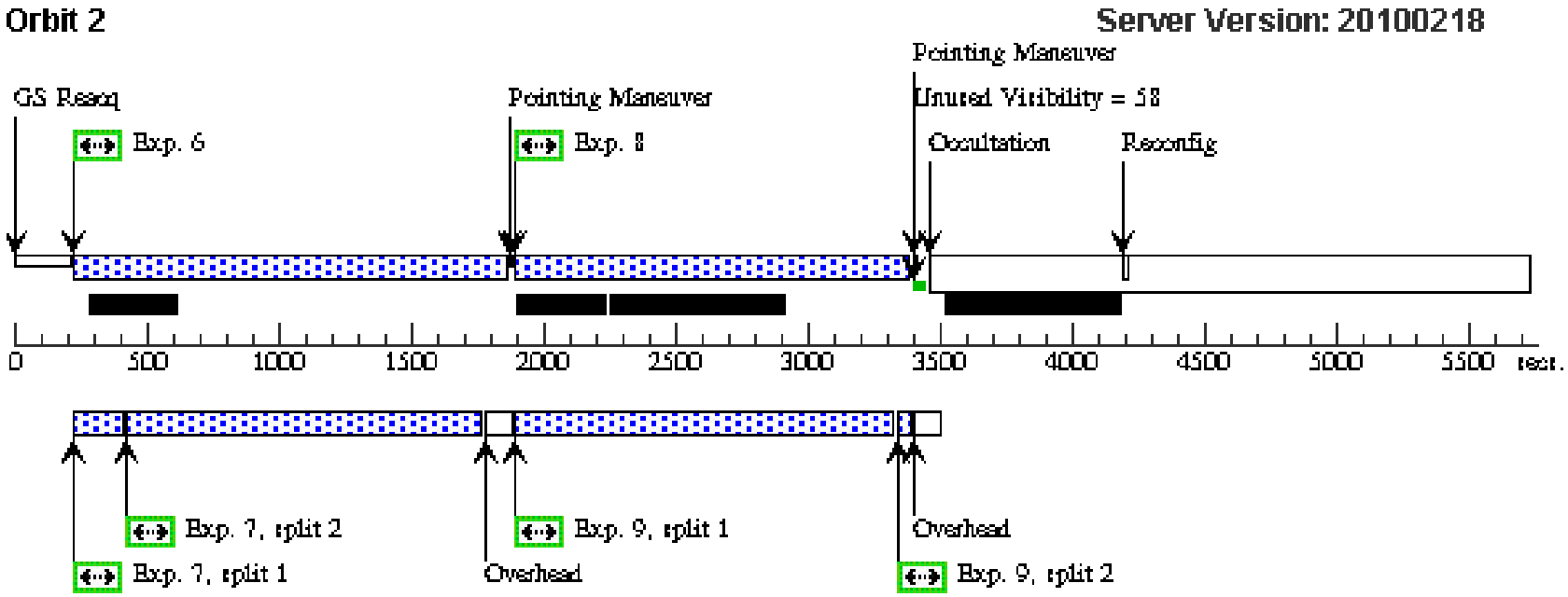
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.0119,7.4595	Prime + Parallel Group 1-3	1 Secs *[==>1.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.0119,7.4595	Prime + Parallel Group 1-3	1500 Secs *[==>1303.0 Secs]*	 ***[1]***
3		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 1-3	1500.0 Secs *[==>50 Secs (Split 1)]* *[==>1351.0 Secs (Split 2)]*	 ***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.2822,3.7297	Prime + Parallel Group 4-5	1500 Secs *[==>1217 Secs]*	 ***[1]***
5		ANY	WFC3/UVIS, ACCUM, UVIS	F390W	CR-SPLIT=2		Prime + Parallel Group 4-5	1500.0 Secs *[==>1163.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.0119,7.4595	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 6-7	1500 Secs *[==>50.0 Secs (Split 1)]* *[==>1347.0 Secs (Split 2)]*	 ***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.2822,3.7297	Prime + Parallel Group 8-9	1500 Secs *[==>1371.0 Secs]*	 ***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W	CR-SPLIT=2		Prime + Parallel Group 8-9	1500 Secs *[==>1317.0 Secs (Split 1)]* *[==>50.0 Secs (Split 2)]*	 ***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.4476,0.0000	Prime + Parallel Group 10-12	1500 Secs *[==>1457.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -4.1773,-3.7297	Prime + Parallel Group 13-15	1500 Secs *[==>1371.0 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=RAPID		Prime + Parallel Group 13-15	*[==>]*	***[3]***

	16	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.4476, 0.0000	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***
	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -4.1773, -3.7297	Prime + Parallel Group 19-21	1500 Secs *[==>1371.0 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.9071, -7.4595	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.9071, -7.4595	Prime + Parallel Group 25-27	1500 Secs *[==>1358.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure




Orbit 2
Server Version: 20100218
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Visibility = 58
Exp. 6
Exp. 8
Occultation
Reconfig
0
500
1000
1500
2000
2500
3000
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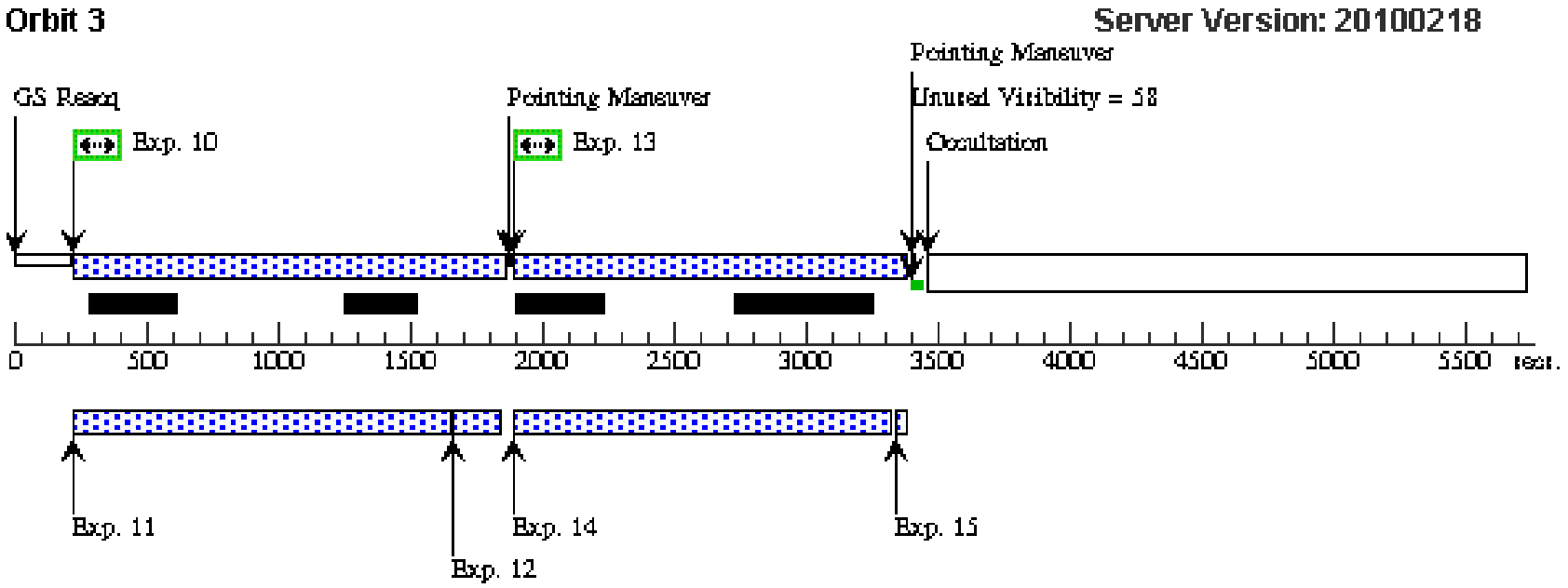
5500
sec.
Exp. 7, split 2
Exp. 9, split 1
Overhead
Exp. 7, split 1
Overhead
Exp. 9, split 2


Orbit 3
Server Version: 20100218
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Visibility = 58
Exp. 10
Exp. 13
Occultation
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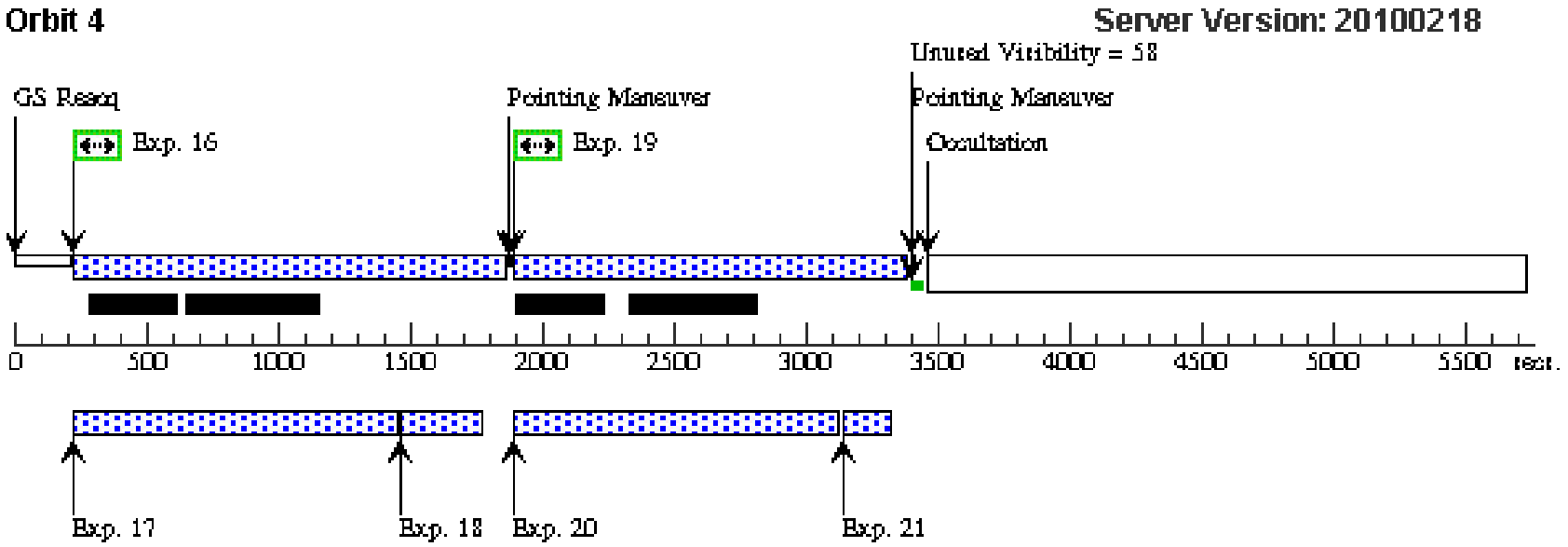
5500
sec.
Exp. 11
Exp. 12
Exp. 14
Exp. 15


Orbit 4
Server Version: 20100218
Unused Visibility = 58
GS Reacq
Exp. 16
Pointing Maneuver
Exp. 19
Pointing Maneuver
Occultation
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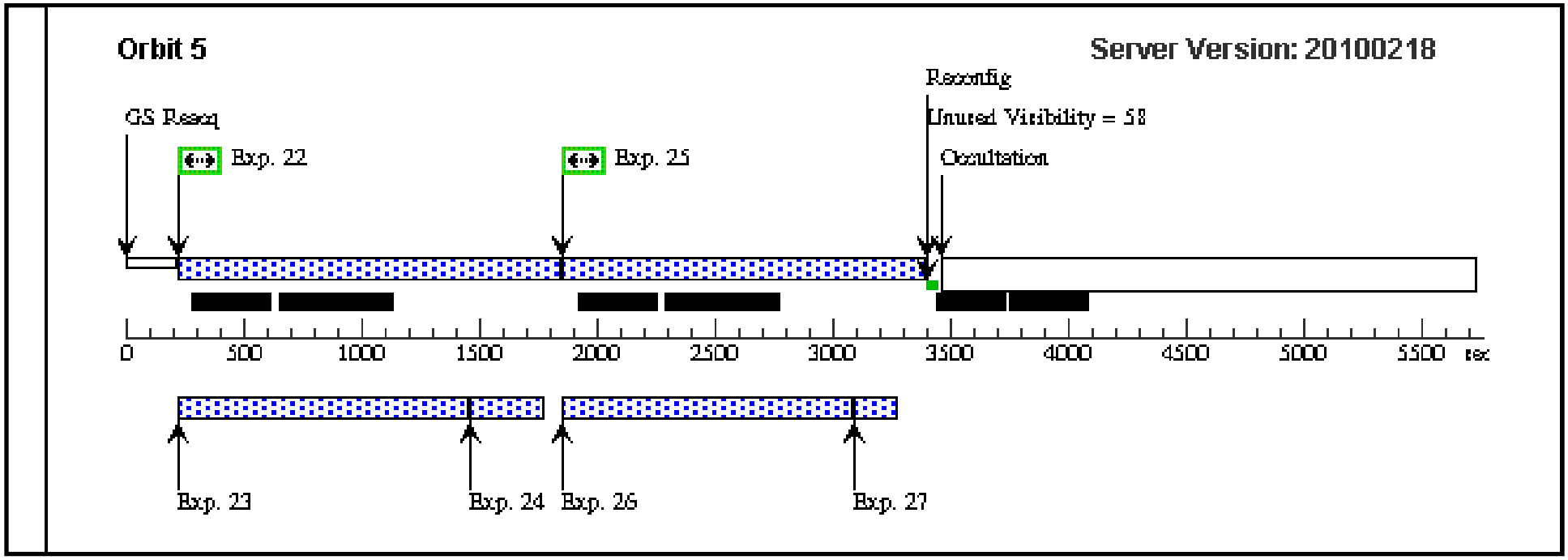
sec.
Exp. 17
Exp. 18
Exp. 20
Exp. 21


Orbit 5
Server Version: 20100218
Reconfig
GS Reacq
Unused Visibility = 58
Exp. 22
Exp. 25
Occultation
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1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 14, completed Sat Apr 24 01:11:15 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 107.5D TO 118.5 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

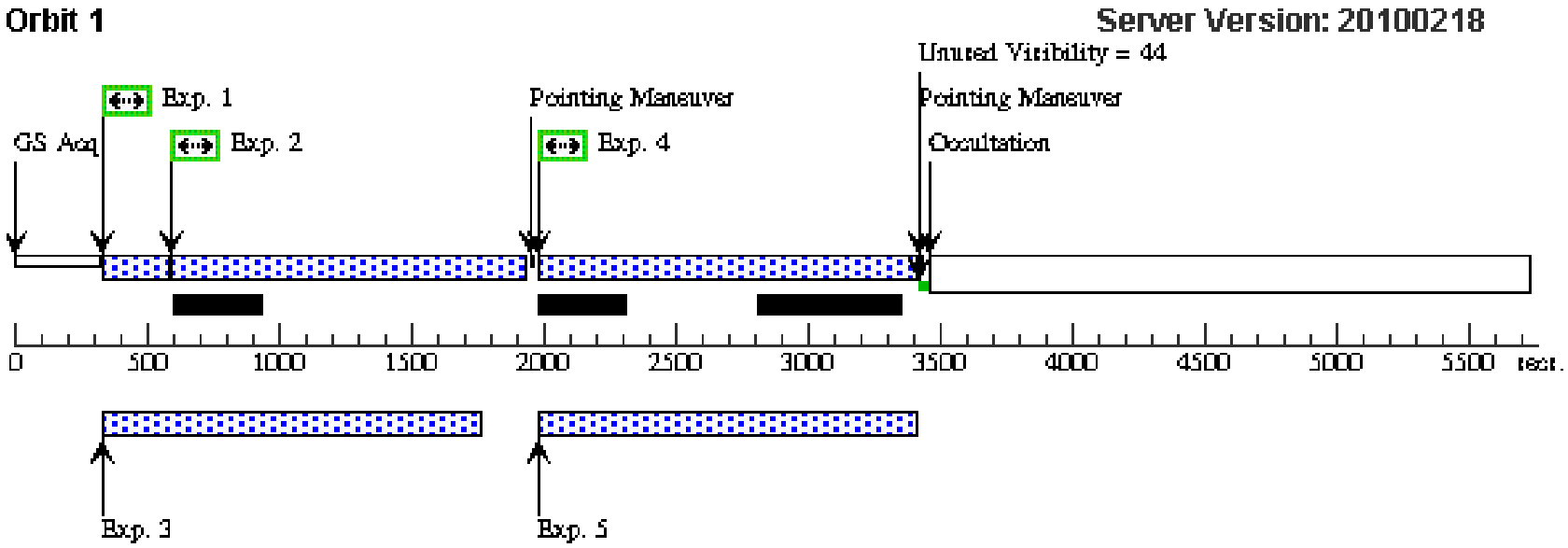
Comments: This object was generated by the targetselector and retrieved from the NED database.

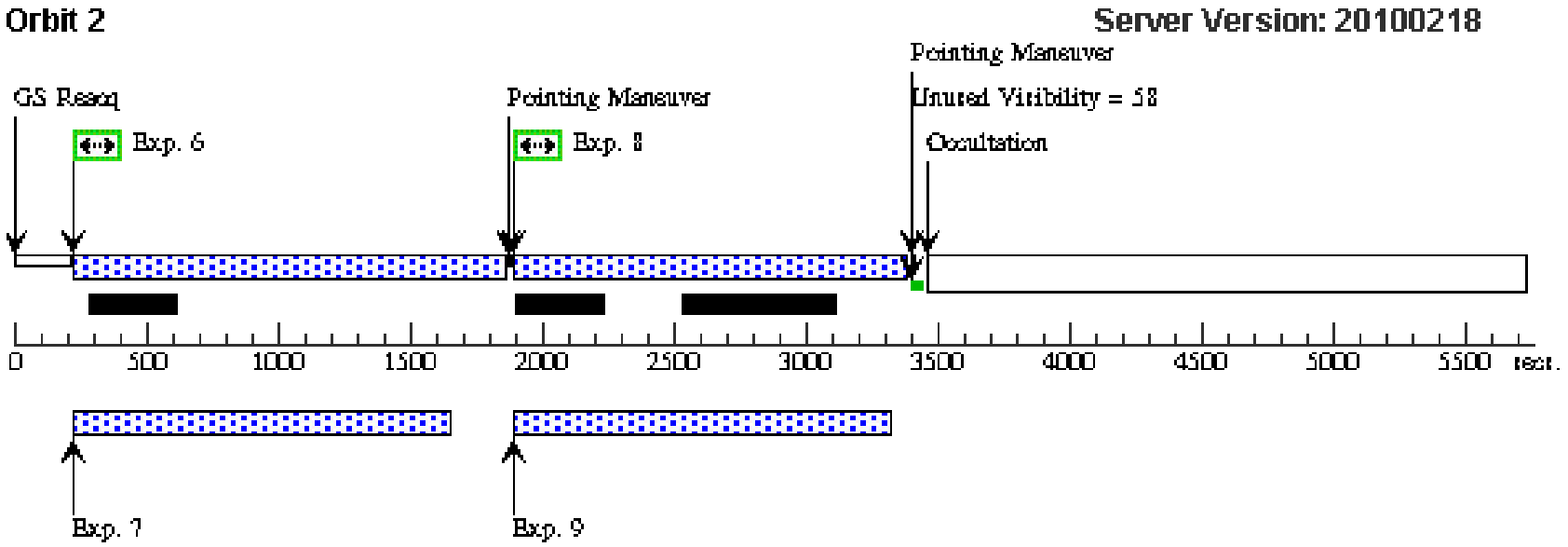
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.3103,7.4943	Prime + Parallel Group 1-3	1 Secs *[==>1.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.3103,7.4943	Prime + Parallel Group 1-3	1500 Secs *[==>1217.0 Secs]*	 ***[1]***
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 1-3	*[==>]*	***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.5806,3.7646	Prime + Parallel Group 4-5	1500 Secs *[==>1303.0 Secs]*	 ***[1]***
5		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 4-5	*[==>]*	***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.3103,7.4943	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 6-7	*[==>]*	***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.5806,3.7646	Prime + Parallel Group 8-9	1500 Secs *[==>1371 Secs]*	 ***[2]***
9		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 8-9	*[==>]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.1492,0.0348	Prime + Parallel Group 10-12	1500 Secs *[==>1498.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.8789,-3.6949	Prime + Parallel Group 13-15	1500 Secs *[==>1385 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=RAPID		Prime + Parallel Group 13-15	*[==>]*	***[3]***
16		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.1492,0.0348	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***

	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.8789, -3.6949	Prime + Parallel Group 19-21	1500 Secs *[==>1371 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.6087, -7.4247	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.6087, -7.4247	Prime + Parallel Group 25-27	1500 Secs *[==>1358 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure

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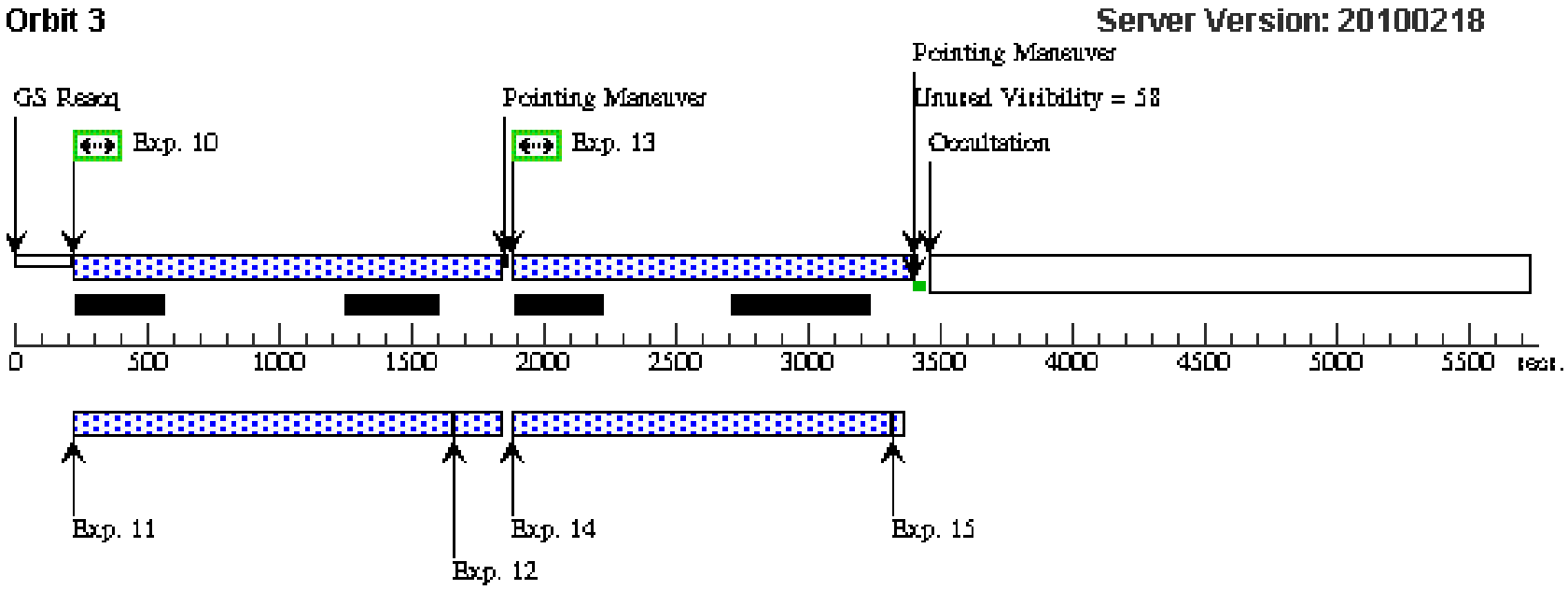
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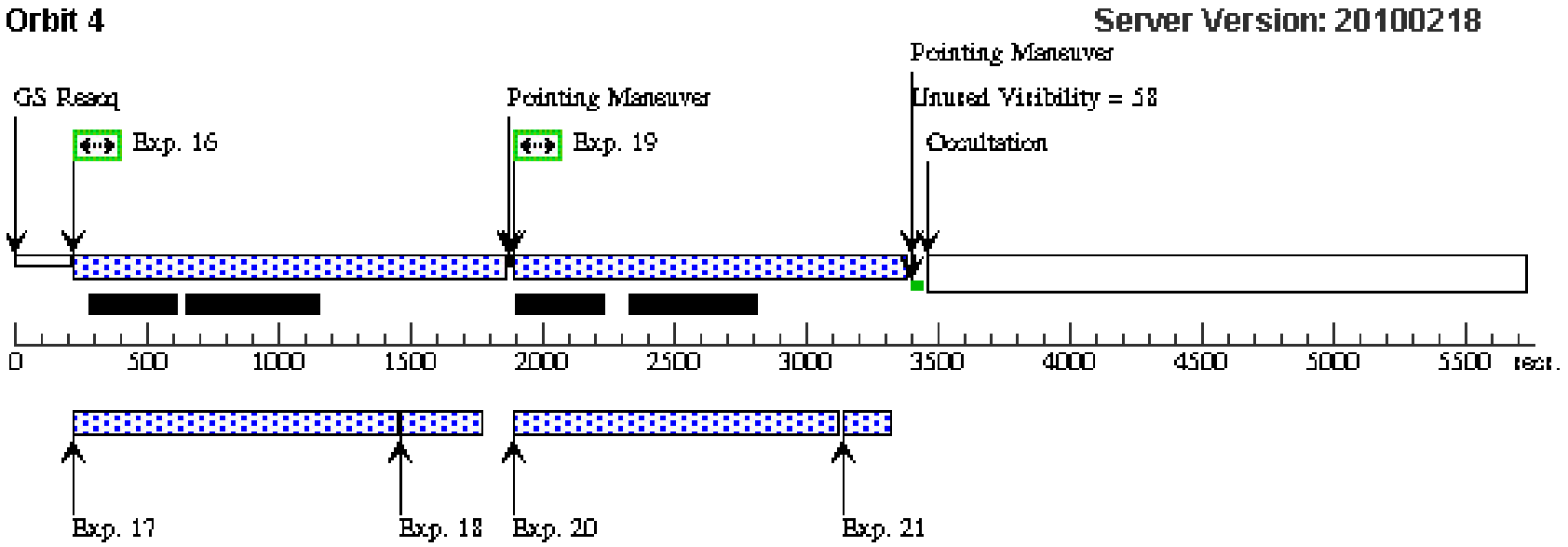
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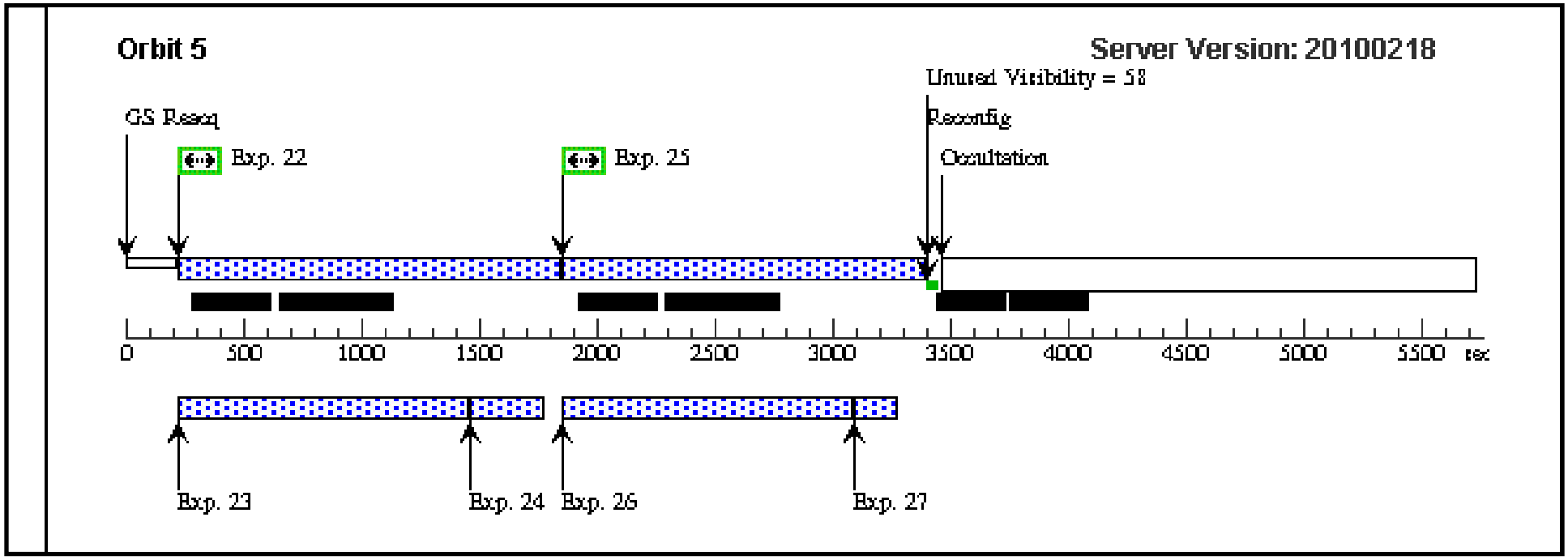
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sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 15, completed Sat Apr 24 01:11:16 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 107.5D TO 118.5 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

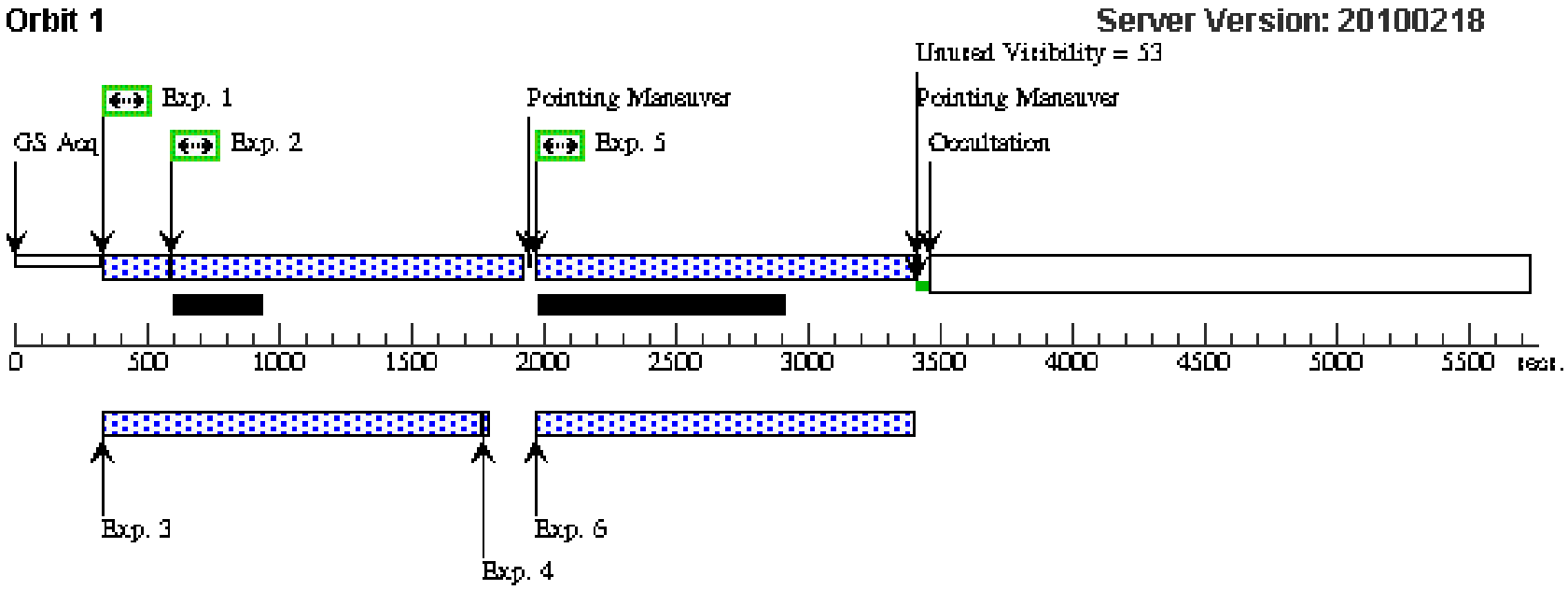
Comments: This object was generated by the targetselector and retrieved from the NED database.

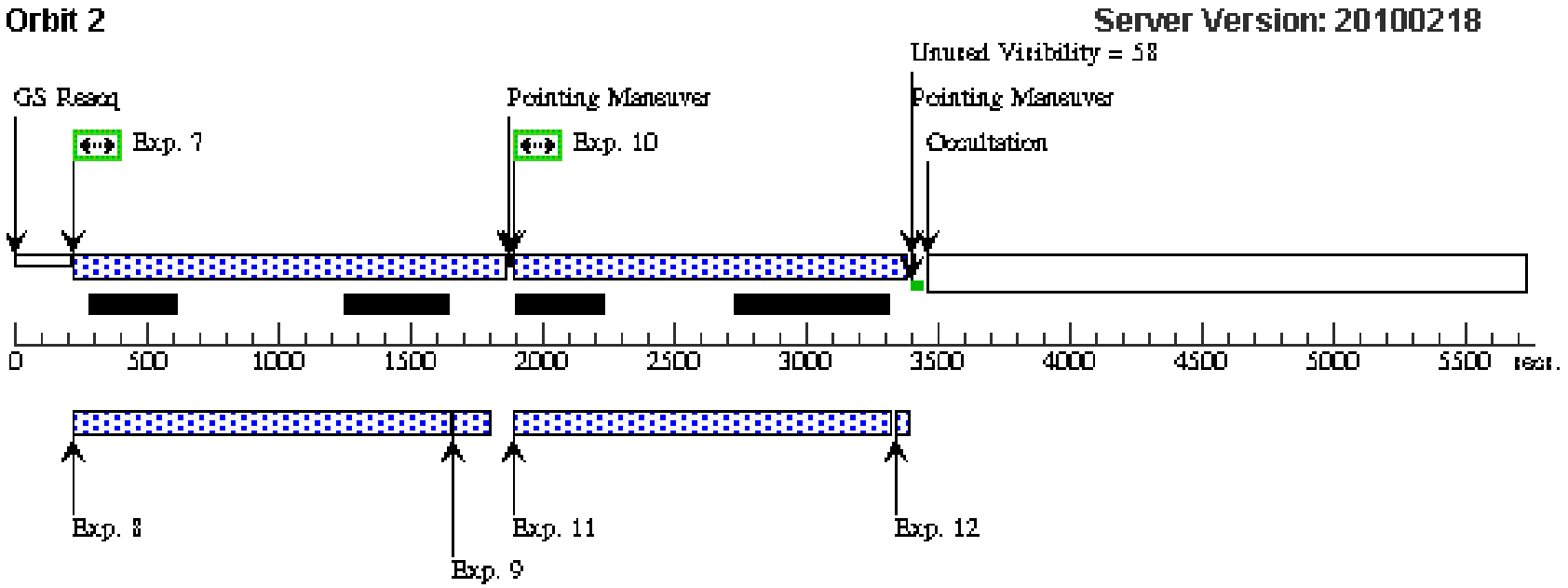
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.6087, 7.4893	Prime + Parallel Group 1-4	1 Secs *[==>10.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.6087, 7.4893	Prime + Parallel Group 1-4	1500 Secs *[==>1208.0 Secs]*	 ***[1]***
3		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 1-4	*[==>]*	***[1]***
4		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=RAPID		Prime + Parallel Group 1-4	*[==>]*	***[1]***
5		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.8789, 3.7596	Prime + Parallel Group 5-6	1500 Secs *[==>1303.0 Secs]*	 ***[1]***
6		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 5-6	*[==>]*	***[1]***
7		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.6087, 7.4893	Prime + Parallel Group 7-9	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
8		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=SPARS10		Prime + Parallel Group 7-9	*[==>]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.8789, 3.7596	Prime + Parallel Group 10-12	1500 Secs *[==>1371 Secs]*	 ***[2]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=RAPID		Prime + Parallel Group 10-12	*[==>]*	***[2]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.1492,0.0298	Prime + Parallel Group 13-15	1500 Secs *[==>1457.0 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 13-15	*[==>]*	***[3]***
16		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.5806, -3.6999	Prime + Parallel Group 16-18	1500 Secs *[==>1371.0 Secs]*	 ***[3]***

	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 16-18	*[==>]*	***[3]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=RAPID		Prime + Parallel Group 16-18	*[==>]*	***[3]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.1492,0.0298	Prime + Parallel Group 19-21	1500 Secs *[==>1457.0 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.5806,-3.6999	Prime + Parallel Group 22-24	1500 Secs *[==>1371.0 Secs]*	 ***[4]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[4]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 22-24	*[==>]*	***[4]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.3103,-7.4297	Prime + Parallel Group 25-27	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	28	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.3103,-7.4297	Prime + Parallel Group 28-30	1500 Secs *[==>1358 Secs]*	 ***[5]***
	29	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 28-30	*[==>]*	***[5]***
	30	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 28-30	*[==>]*	***[5]***

Orbit Structure

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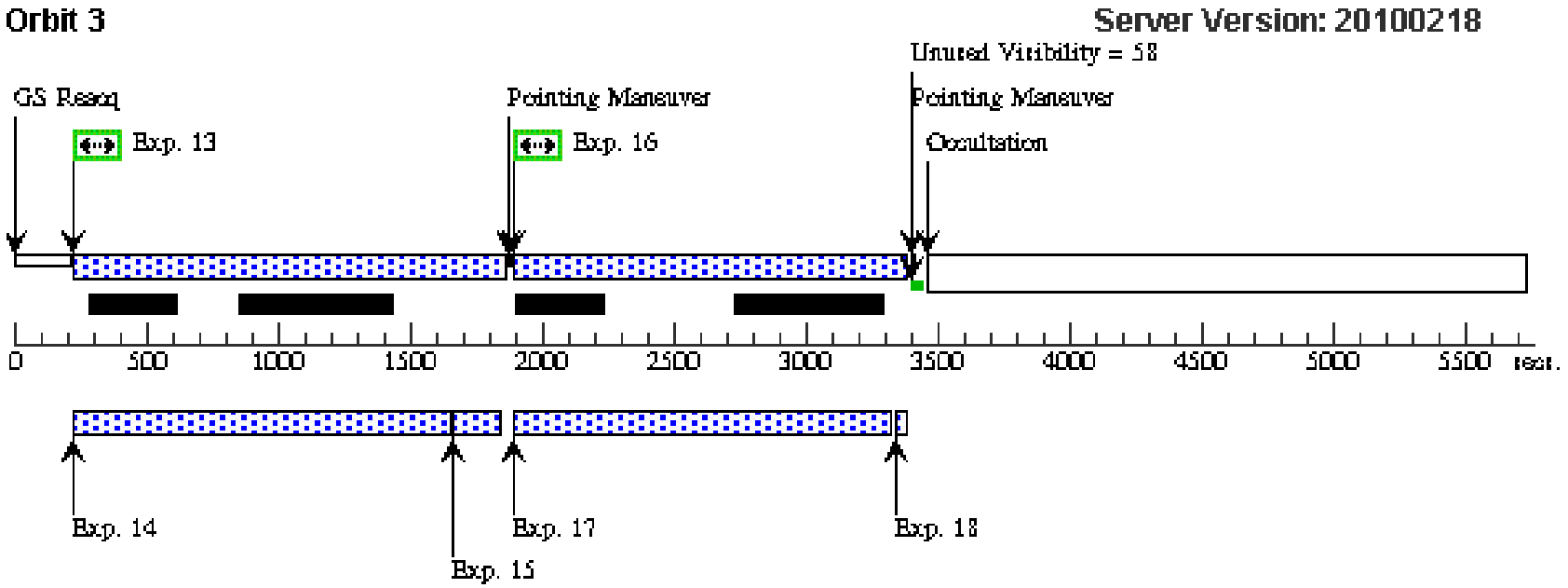
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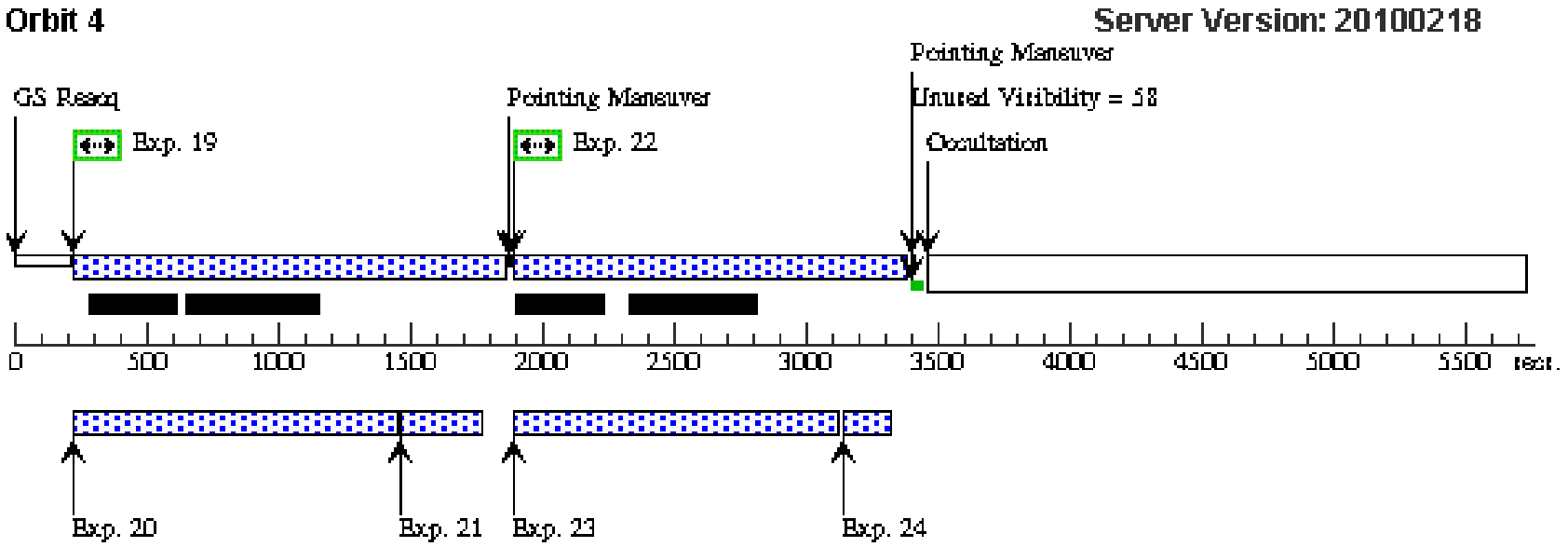
Exp. 18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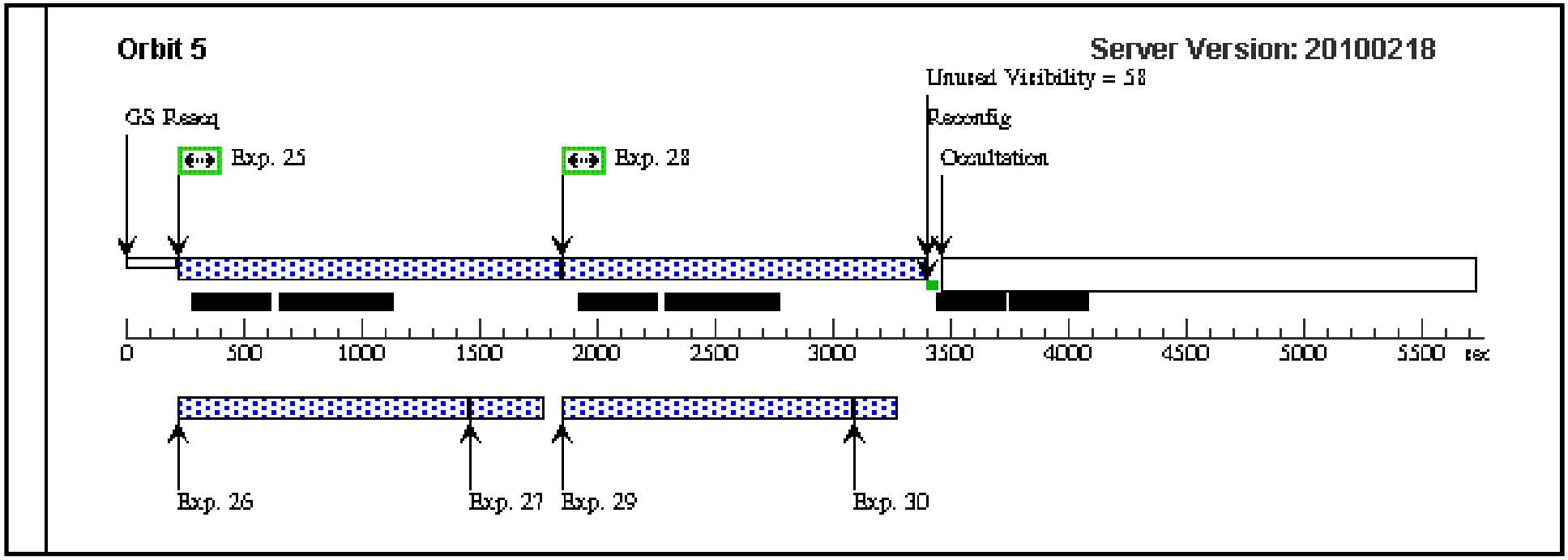
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Exp. 29
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Visit

Proposal 11677, Visit 16, completed Sat Apr 24 01:11:16 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 107.5D TO 118.5 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

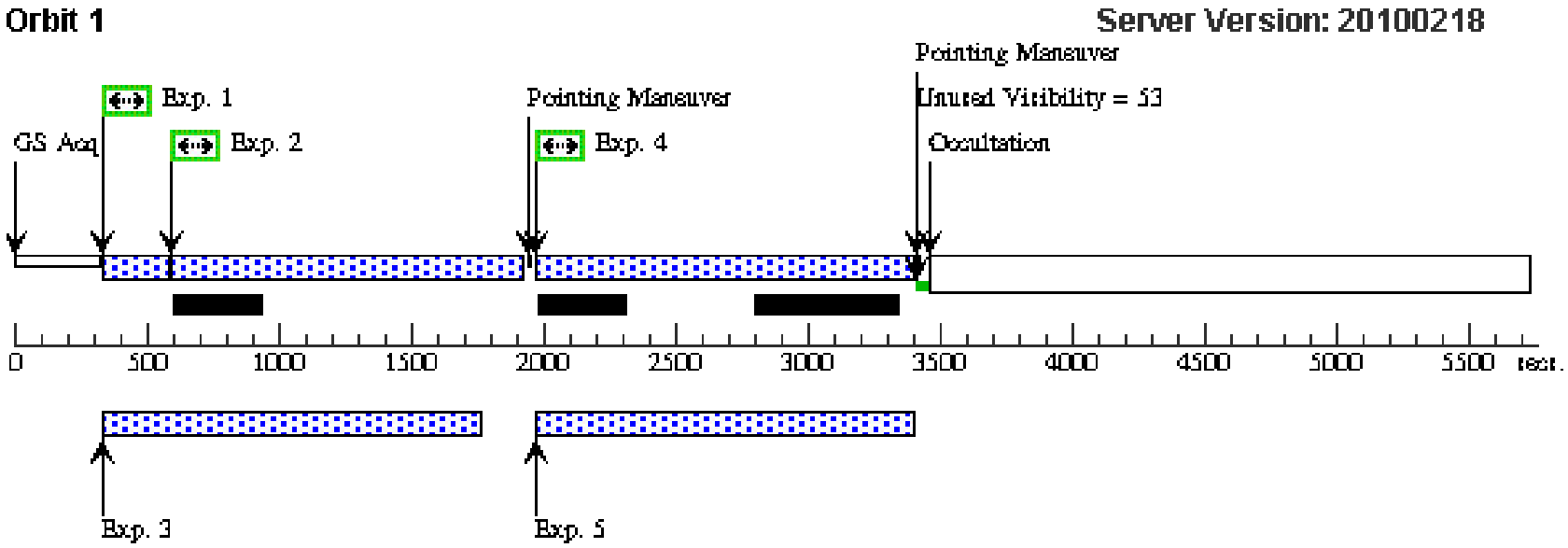
Comments: This object was generated by the targetselector and retrieved from the NED database.

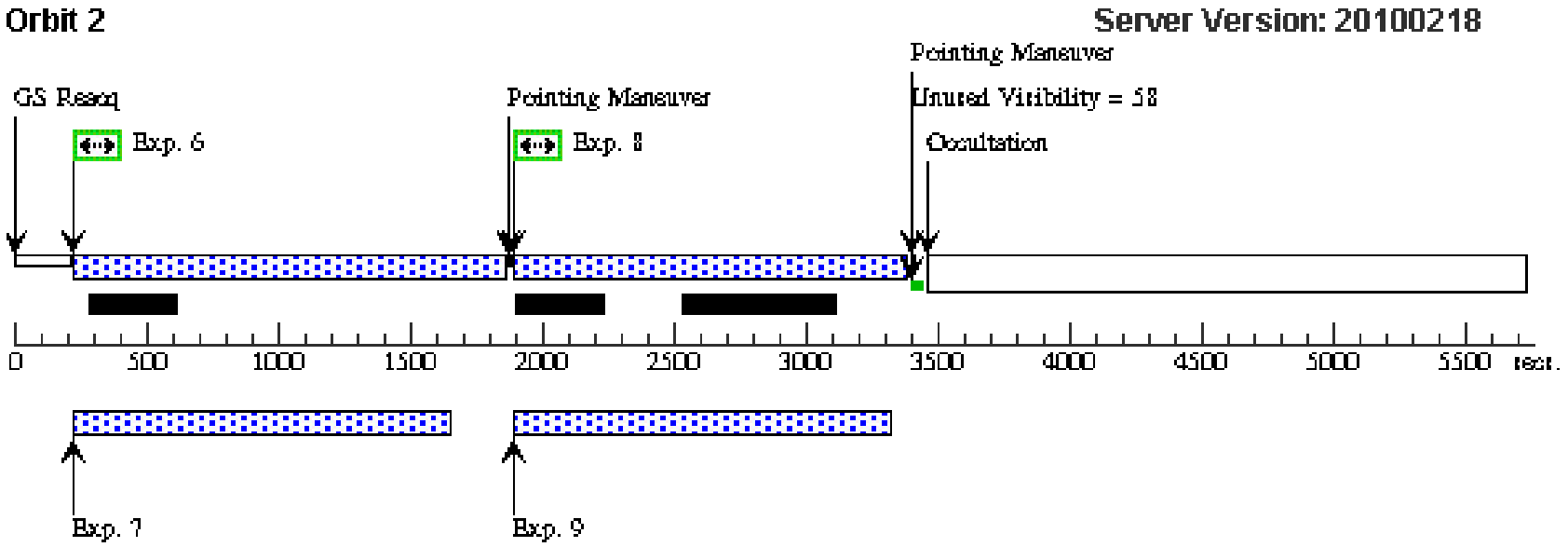
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.9071, 7.5018	Prime + Parallel Group 1-3	1 Secs *[==>10.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.9071, 7.5018	Prime + Parallel Group 1-3	1500 Secs *[==>1208.0 Secs]*	 ***[1]***
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 1-3	*[==>]*	***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 4.1773 , 3.7720	Prime + Parallel Group 4-5	1500 Secs *[==>1303.0 Secs]*	 ***[1]***
5		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 4-5	*[==>]*	***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.9071, 7.5018	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 6-7	*[==>]*	***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 4.1773 , 3.7720	Prime + Parallel Group 8-9	1500 Secs *[==>1371 Secs]*	 ***[2]***
9		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 8-9	*[==>]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.4476,0 .0423	Prime + Parallel Group 10-12	1500 Secs *[==>1498.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.2822, -3.6875	Prime + Parallel Group 13-15	1500 Secs *[==>1385 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=RAPID		Prime + Parallel Group 13-15	*[==>]*	***[3]***
16		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.4476,0 .0423	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***

	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.2822,-3.6875	Prime + Parallel Group 19-21	1500 Secs *[==>1371 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.0119,-7.4172	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.0119,-7.4172	Prime + Parallel Group 25-27	1500 Secs *[==>1358 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure

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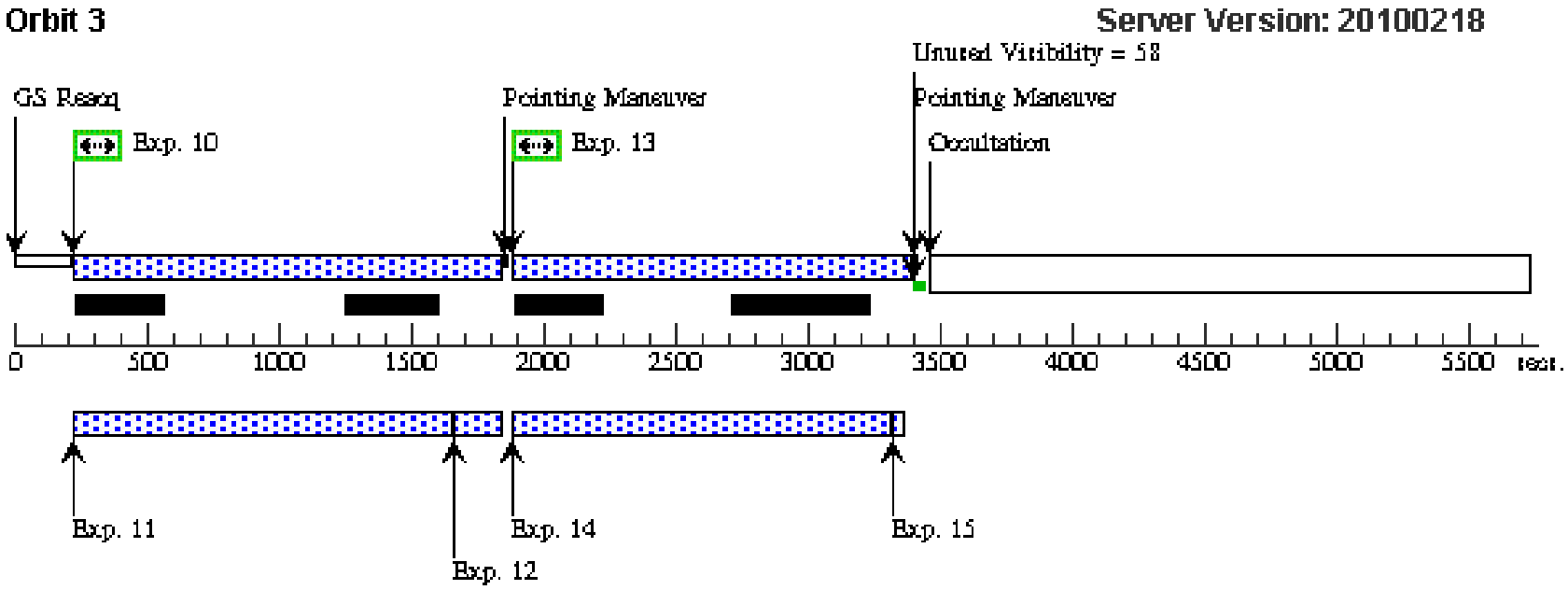
Exp. 7
Exp. 9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sec.
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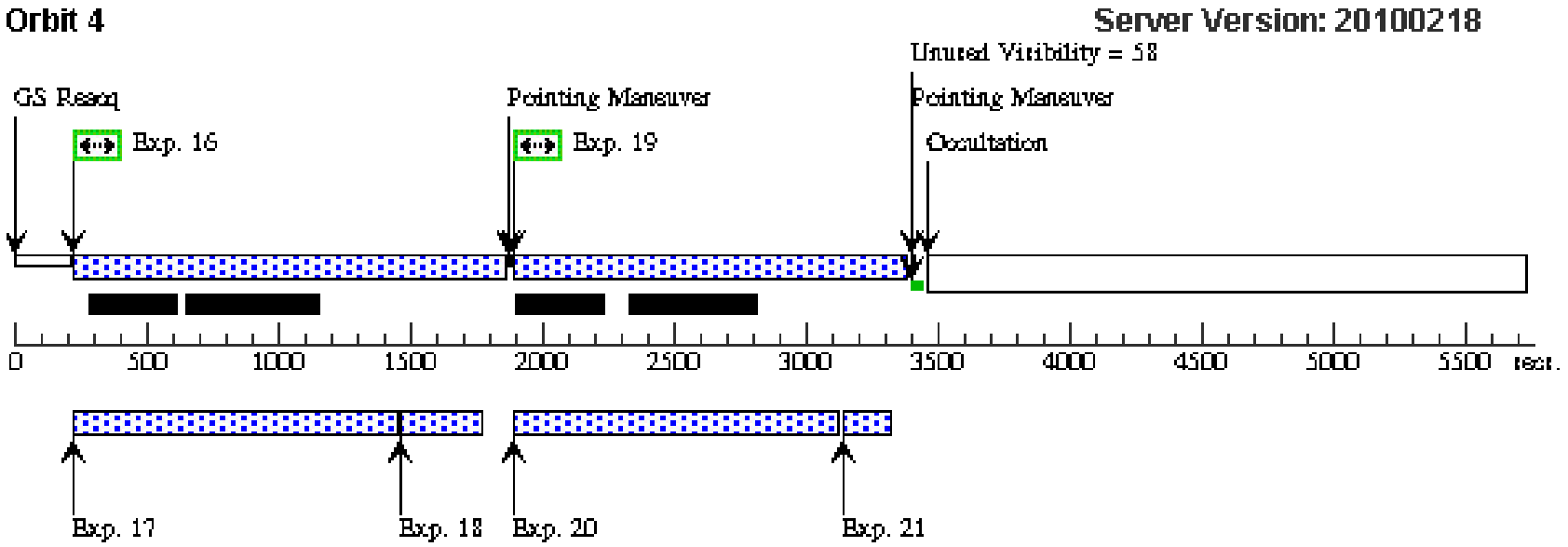
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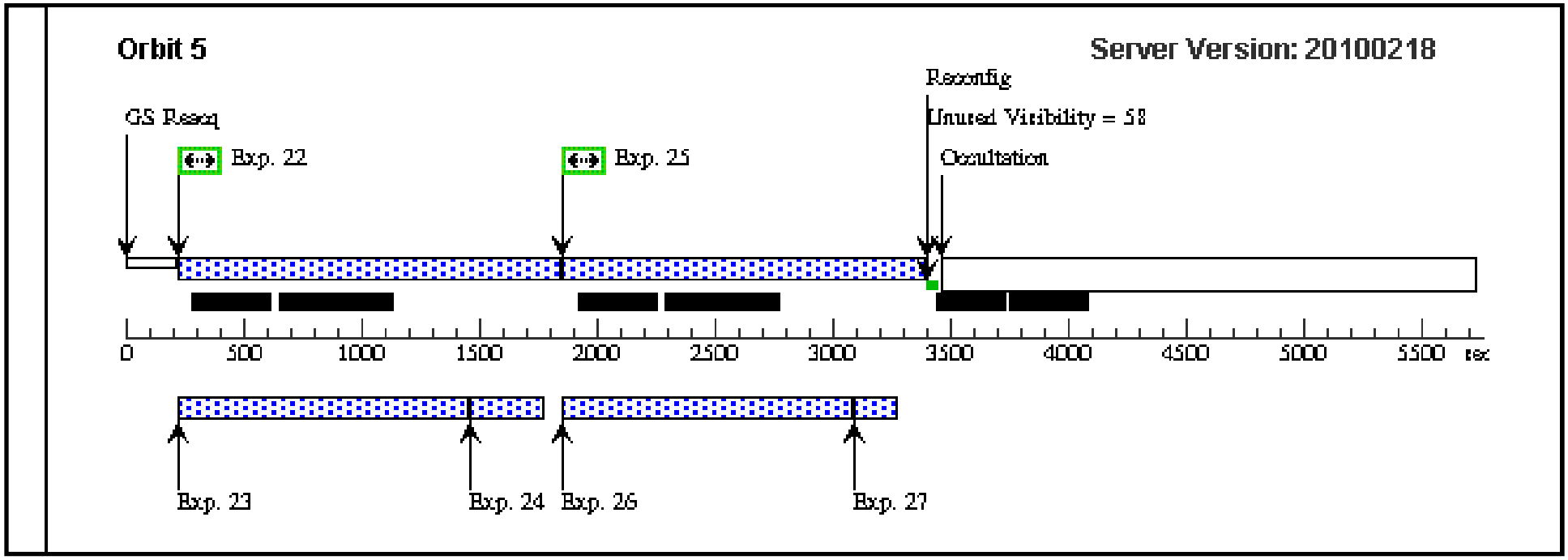
sec.
Exp. 17
Exp. 18
Exp. 20
Exp. 21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sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 17, completed Sat Apr 24 01:11:17 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 107.5D TO 118.5 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

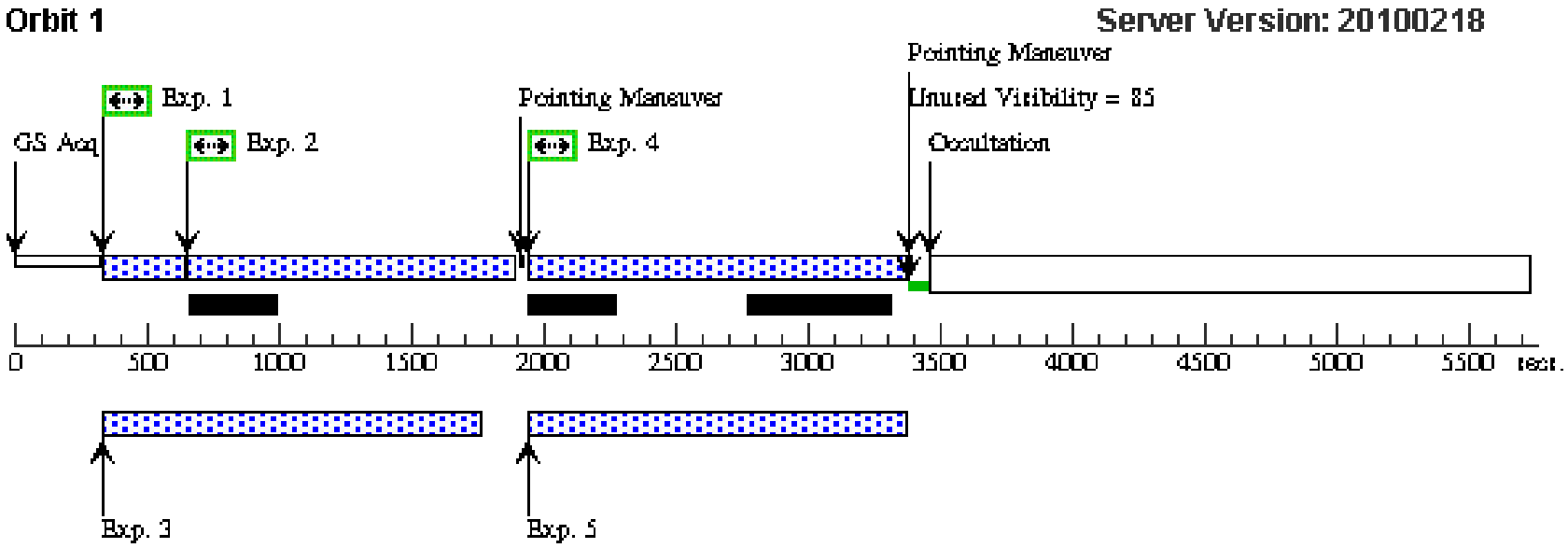
Comments: This object was generated by the targetselector and retrieved from the NED database.

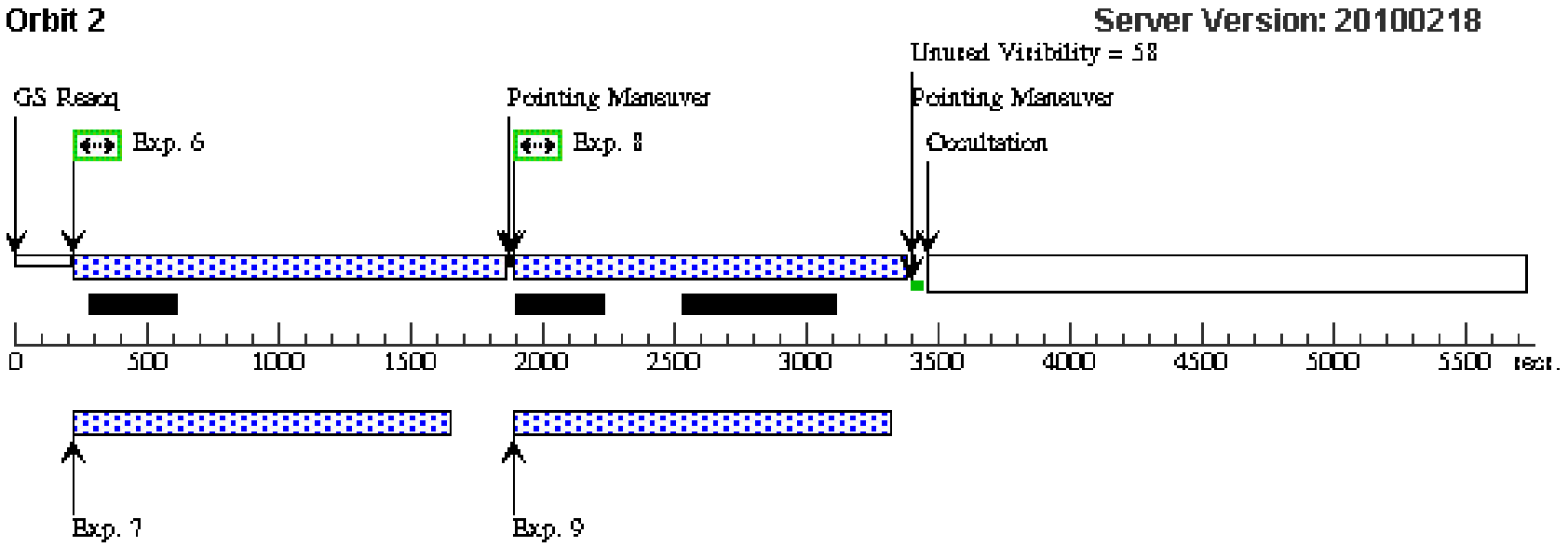
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.0285, 7.7081	Prime + Parallel Group 1-3	1 Secs *[==>100.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.0285, 7.7081	Prime + Parallel Group 1-3	1500 Secs *[==>1118.0 Secs]*	 ***[1]***
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 1-3	*[==>]*	***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.2988,3.9784	Prime + Parallel Group 4-5	1500 Secs *[==>1303.0 Secs]*	 ***[1]***
5		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 4-5	*[==>]*	***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.0285, 7.7081	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 6-7	*[==>]*	***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.2988,3.9784	Prime + Parallel Group 8-9	1500 Secs *[==>1371 Secs]*	 ***[2]***
9		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 8-9	*[==>]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.4310, 0.2486	Prime + Parallel Group 10-12	1500 Secs *[==>1457.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -4.1607, -3.4811	Prime + Parallel Group 13-15	1500 Secs *[==>1371 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=RAPID		Prime + Parallel Group 13-15	*[==>]*	***[3]***
16		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.4310, 0.2486	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***

	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -4.1607, -3.4811	Prime + Parallel Group 19-21	1500 Secs *[==>1371 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.8905, -7.2108	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.8905, -7.2108	Prime + Parallel Group 25-27	1500 Secs *[==>1358 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure

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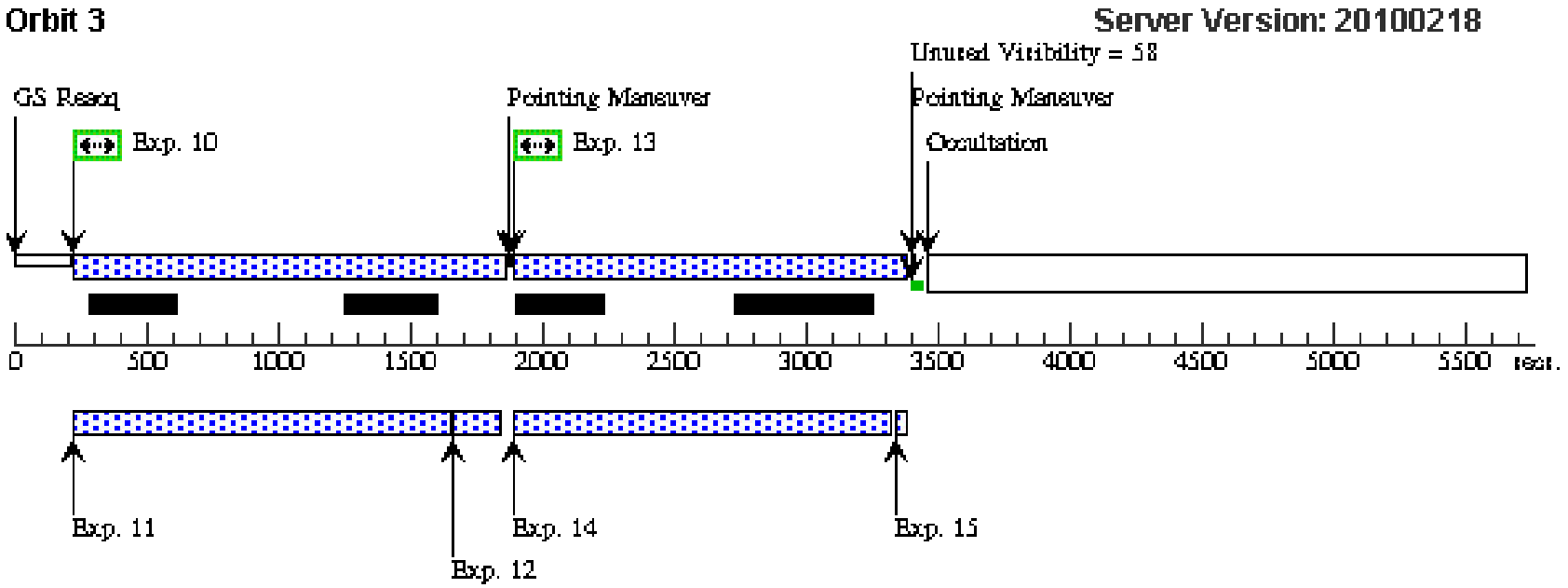
sec.
Exp. 7
Exp. 9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sec.
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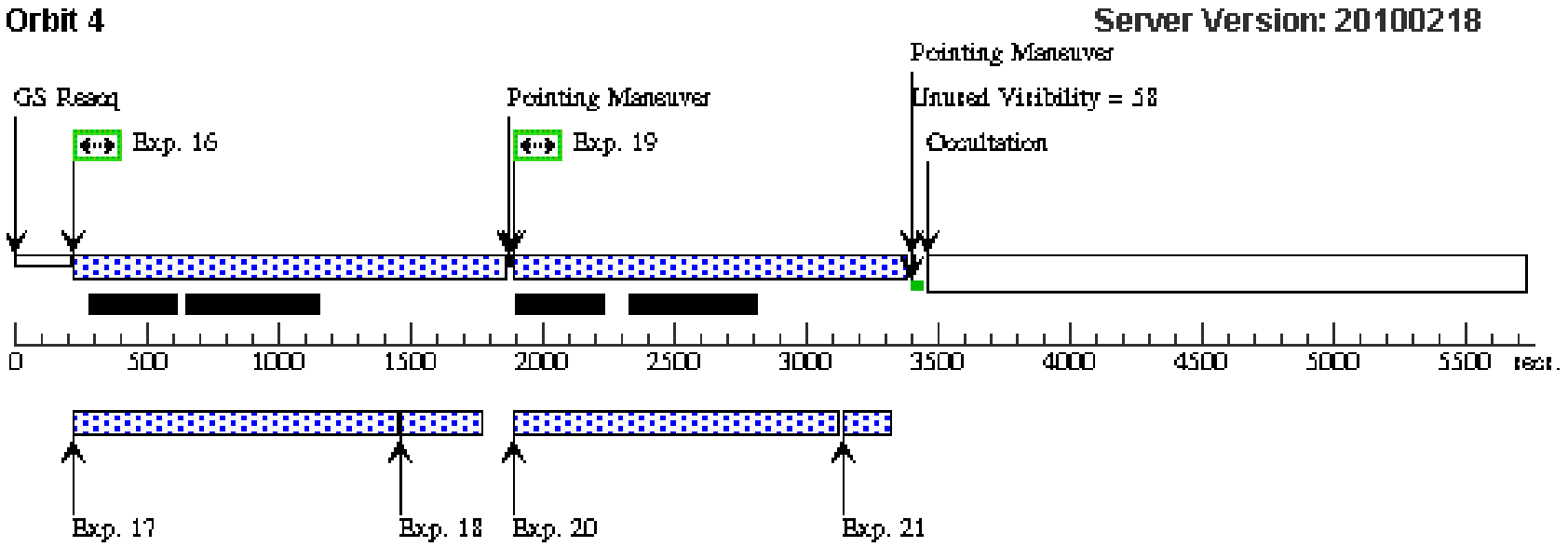
Exp. 12
Exp. 14
Exp. 15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GS Reacq
Pointing Maneuver
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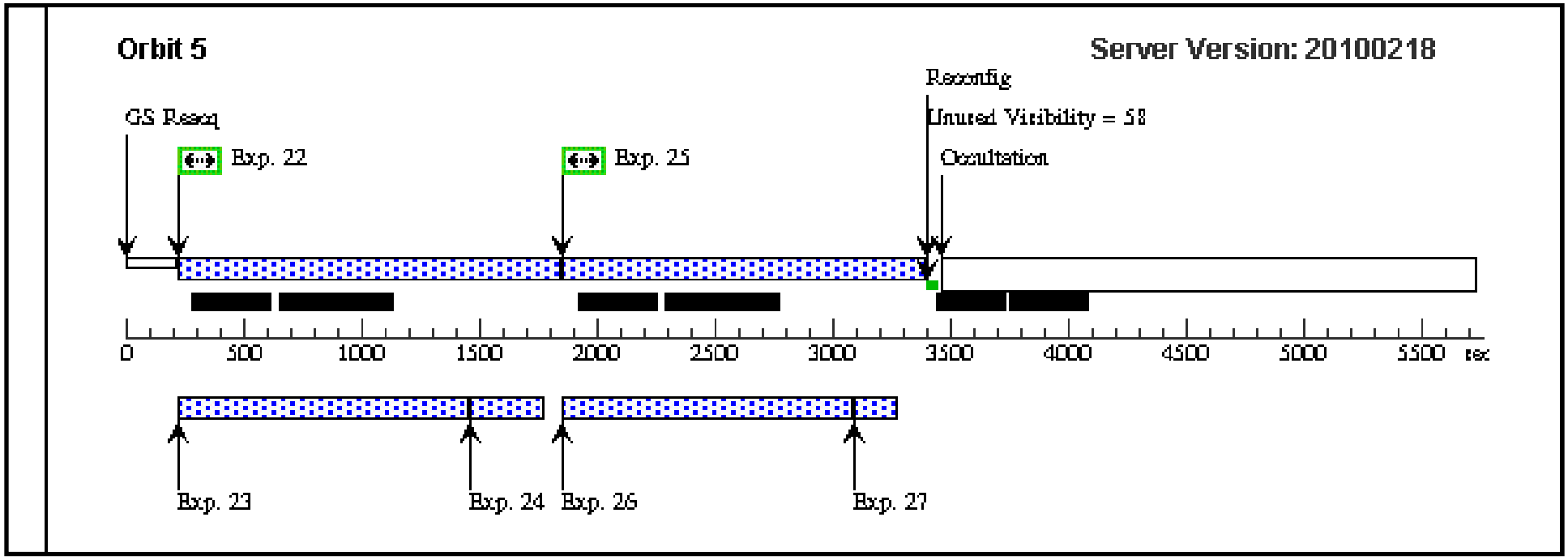
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Reconfig
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Unused Visibility = 58
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Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 18, completed Sat Apr 24 01:11:18 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 107.5D TO 118.5 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

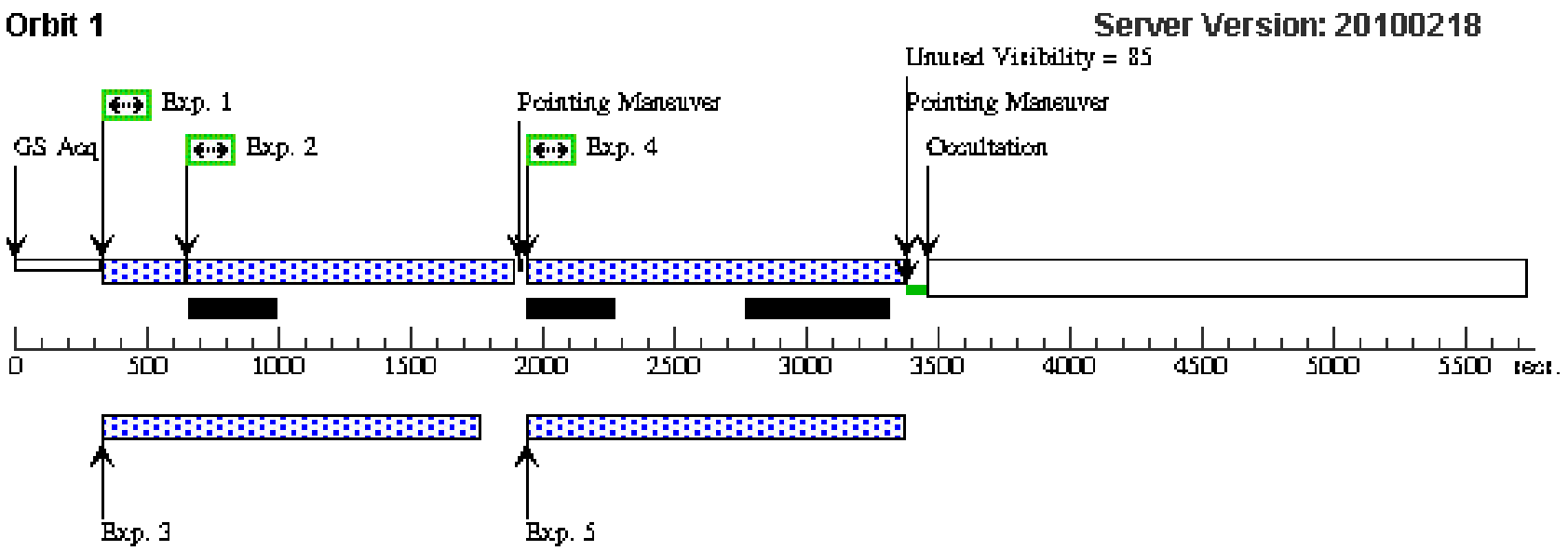
Comments: This object was generated by the targetselector and retrieved from the NED database.

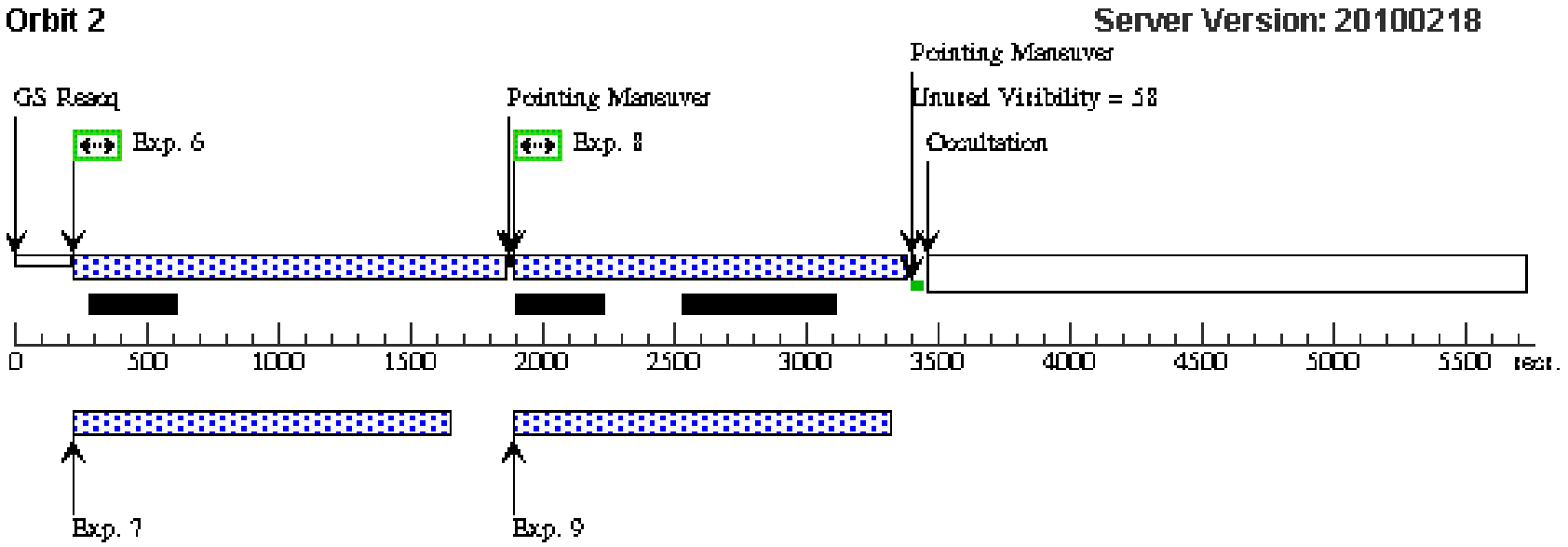
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.3269,7.7430	Prime + Parallel Group 1-3	1 Secs *[==>100.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.3269,7.7430	Prime + Parallel Group 1-3	1500 Secs *[==>1118.0 Secs]*	 ***[1]***
3		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 1-3	*[==>]*	***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.5971,4.0132	Prime + Parallel Group 4-5	1500 Secs *[==>1303.0 Secs]*	 ***[1]***
5		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 4-5	*[==>]*	***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.3269,7.7430	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 6-7	*[==>]*	***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.5971,4.0132	Prime + Parallel Group 8-9	1500 Secs *[==>1371 Secs]*	 ***[2]***
9		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 8-9	*[==>]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.1326,0.2835	Prime + Parallel Group 10-12	1500 Secs *[==>1498.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.8624,-3.4463	Prime + Parallel Group 13-15	1500 Secs *[==>1385 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=RAPID		Prime + Parallel Group 13-15	*[==>]*	***[3]***
16		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.1326,0.2835	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***

	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.8624,-3.4463	Prime + Parallel Group 19-21	1500 Secs *[==>1371 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.5921, -7.1760	Prime + Parallel Group 22-24	1500 Secs *[==>1428.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.5921, -7.1760	Prime + Parallel Group 25-27	1500 Secs *[==>1372.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure

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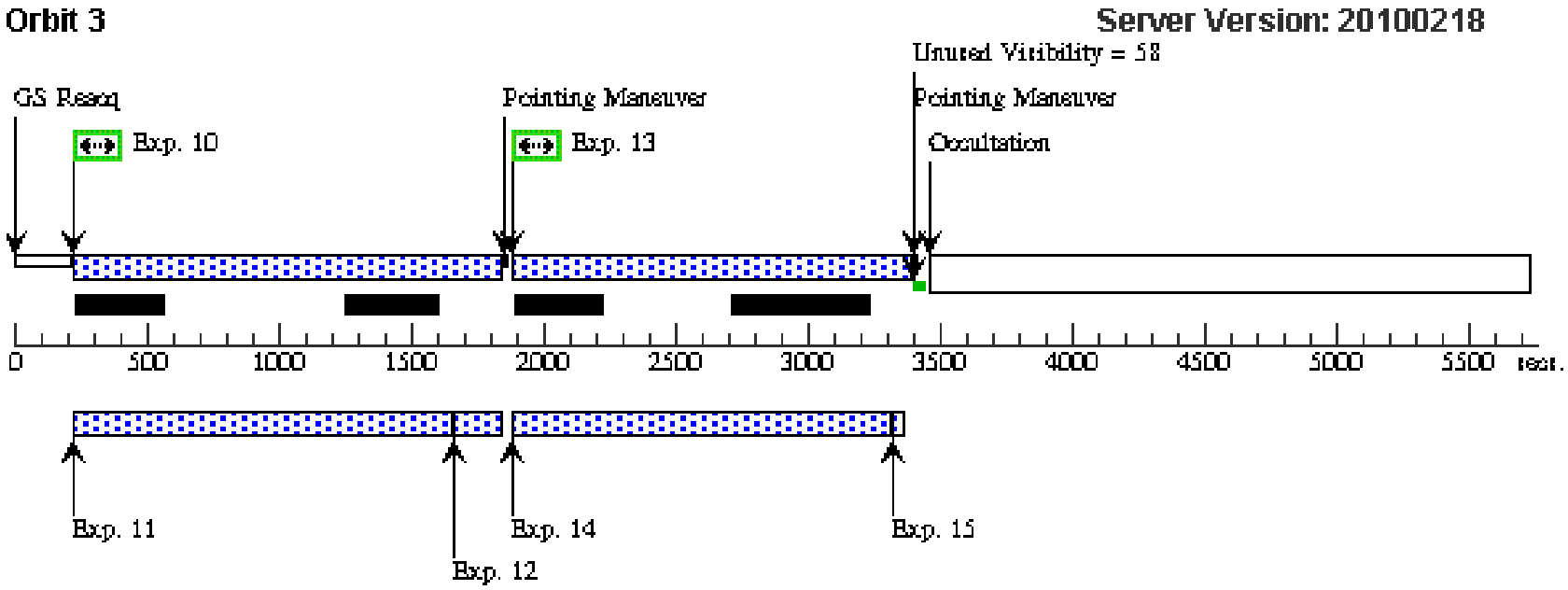
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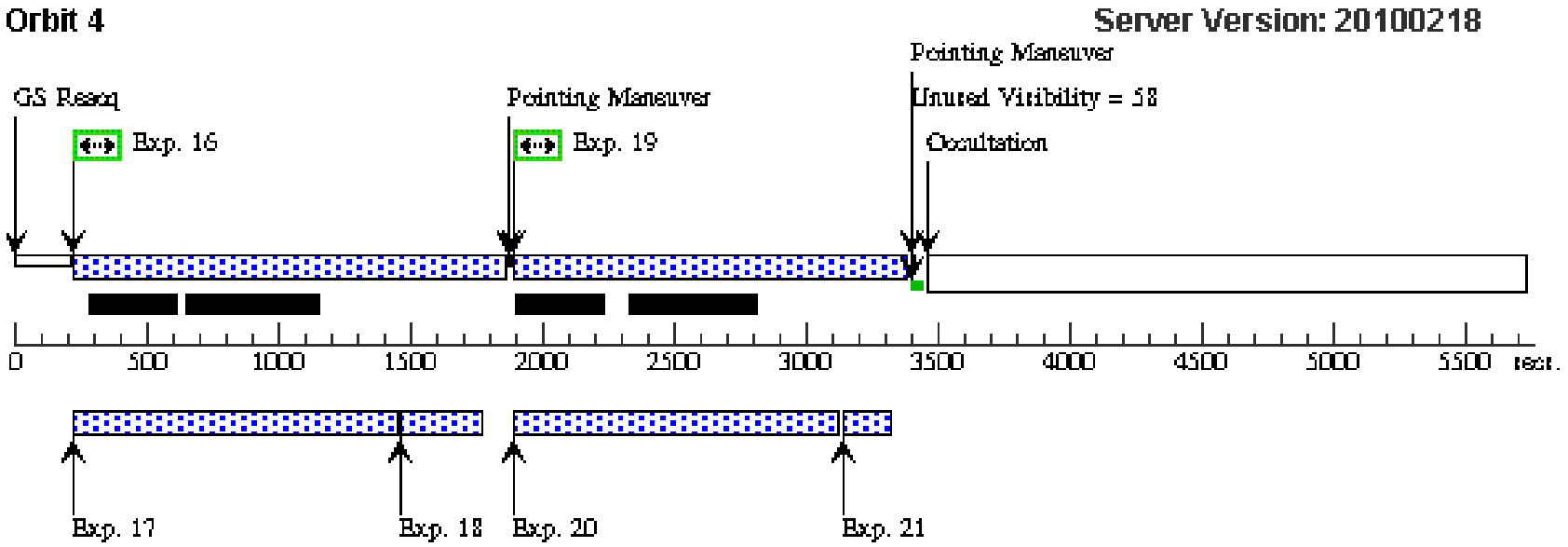
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Exp. 17
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Exp. 20
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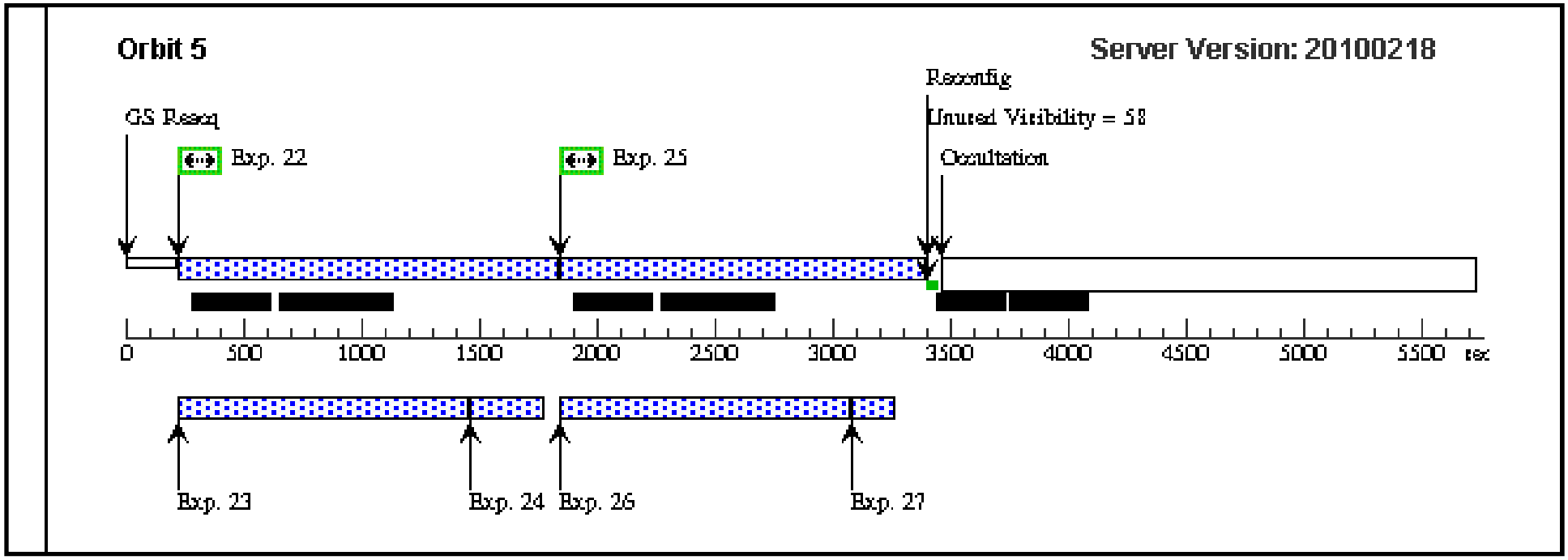
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sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 19, completed Sat Apr 24 01:11:19 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 107.5D TO 118.5 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

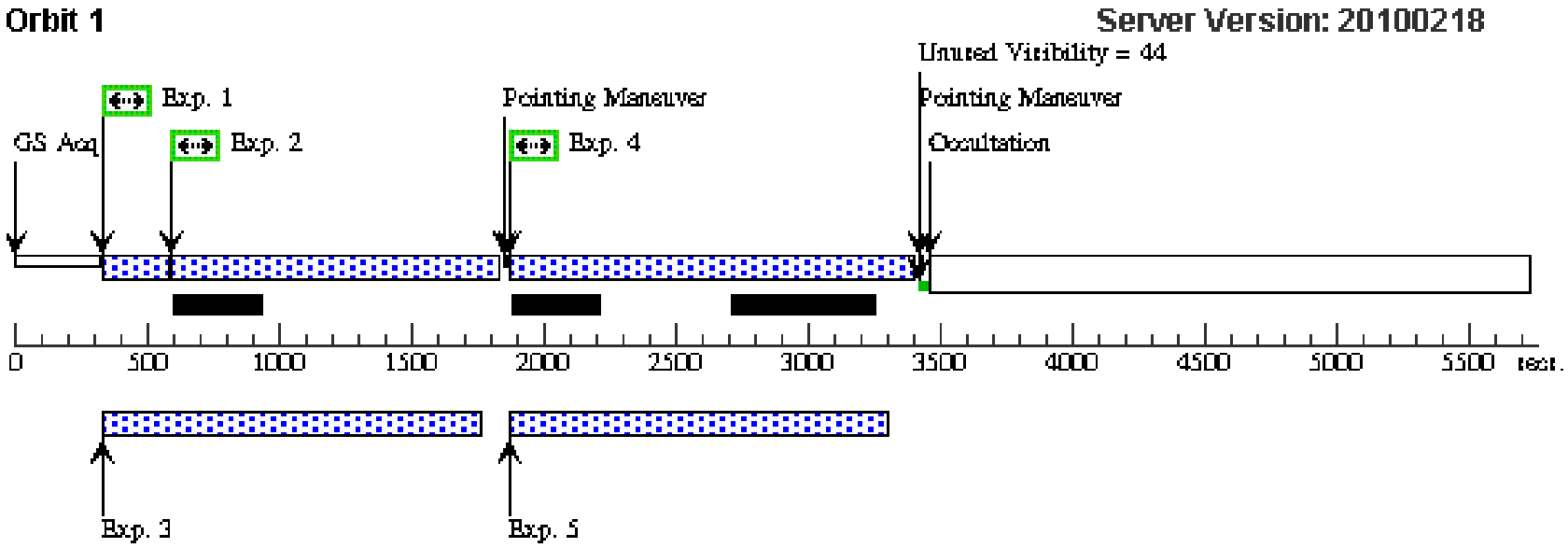
Comments: This object was generated by the targetselector and retrieved from the NED database.

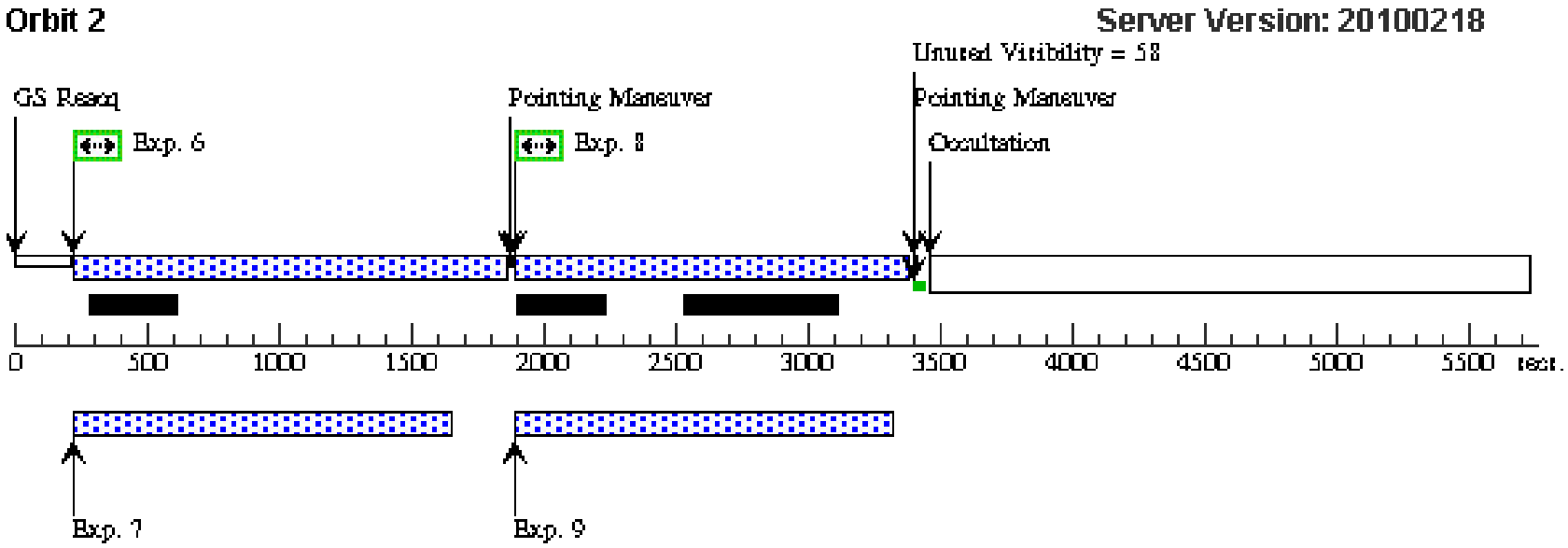
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.6253,7.7380	Prime + Parallel Group 1-3	1 Secs *[==>1.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.6253,7.7380	Prime + Parallel Group 1-3	1500 Secs *[==>1113.0 Secs]*	 ***[1]***
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 1-3	*[==>]*	***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.8955,4.0082	Prime + Parallel Group 4-5	1500 Secs *[==>1407.0 Secs]*	 ***[1]***
5		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 4-5	*[==>]*	***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.6253,7.7380	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 6-7	*[==>]*	***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.8955,4.0082	Prime + Parallel Group 8-9	1500 Secs *[==>1371 Secs]*	 ***[2]***
9		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 8-9	*[==>]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.1658,0.2785	Prime + Parallel Group 10-12	1500 Secs *[==>1457.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.5640,-3.4513	Prime + Parallel Group 13-15	1500 Secs *[==>1371 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=RAPID		Prime + Parallel Group 13-15	*[==>]*	***[3]***
16		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.1658,0.2785	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***

	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.5640, -3.4513	Prime + Parallel Group 19-21	1500 Secs *[==>1371 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.2937, -7.1810	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.2937, -7.1810	Prime + Parallel Group 25-27	1500 Secs *[==>1358 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure

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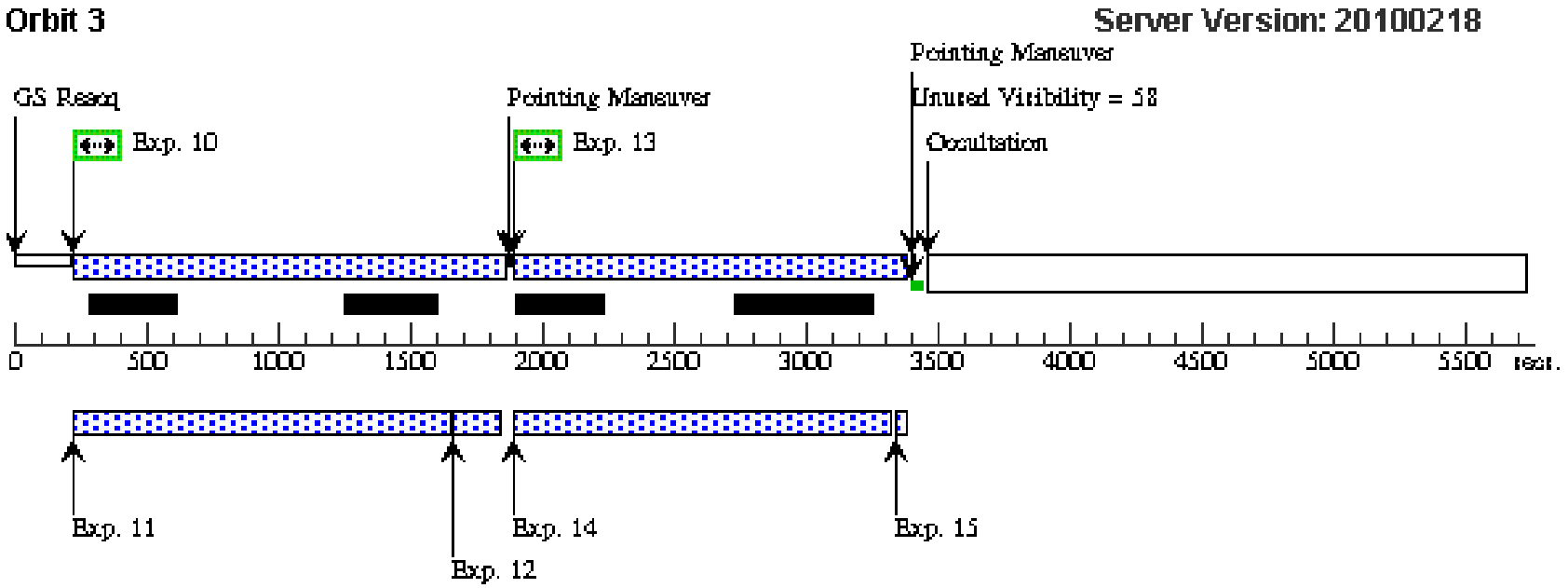
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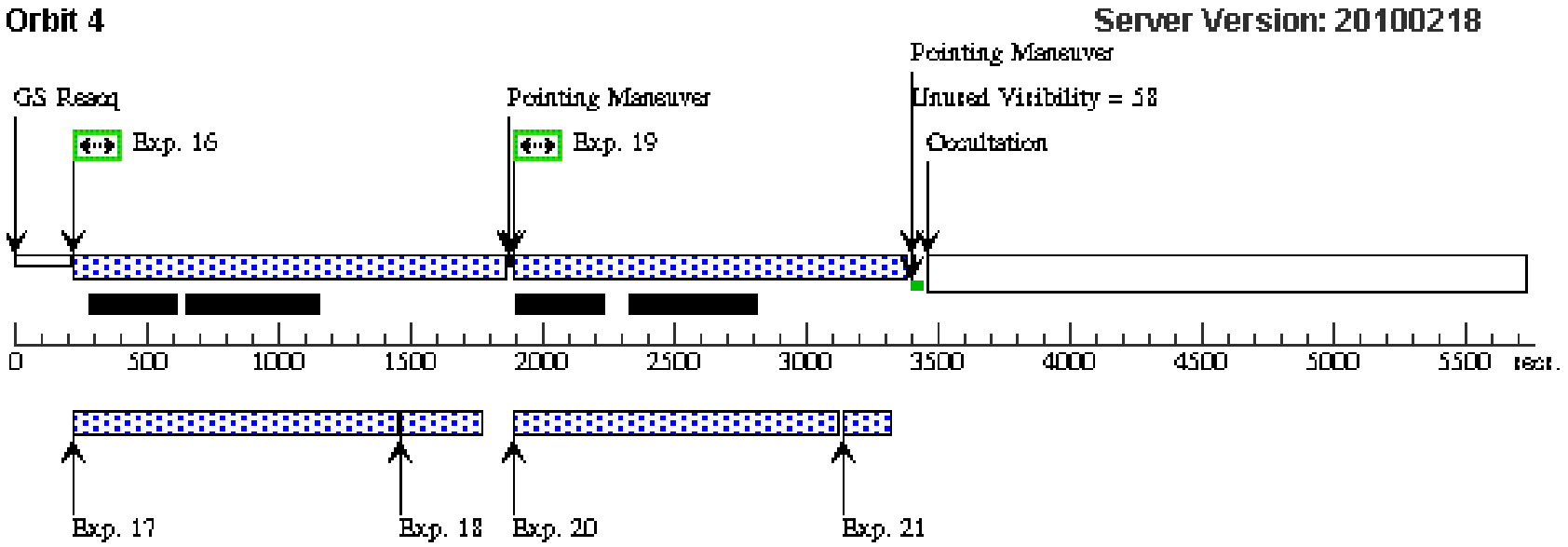
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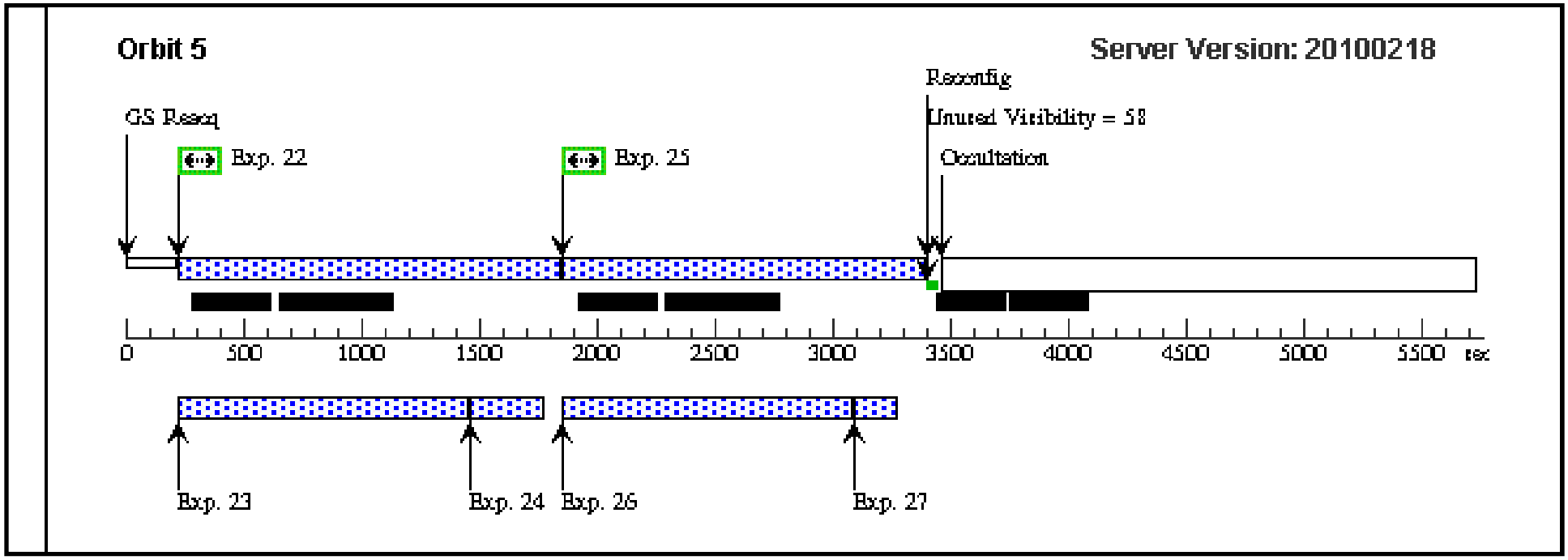
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Visit

Proposal 11677, Visit 20, completed Sat Apr 24 01:11:19 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 107.5D TO 118.5 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

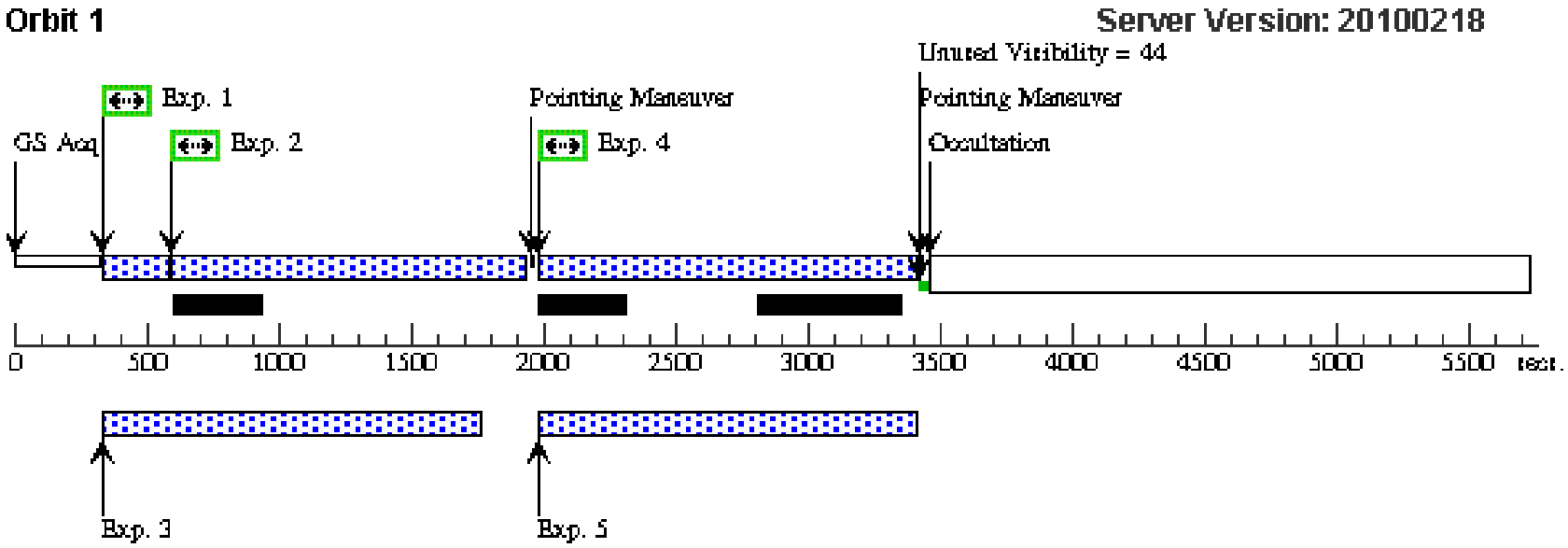
Comments: This object was generated by the targetselector and retrieved from the NED database.

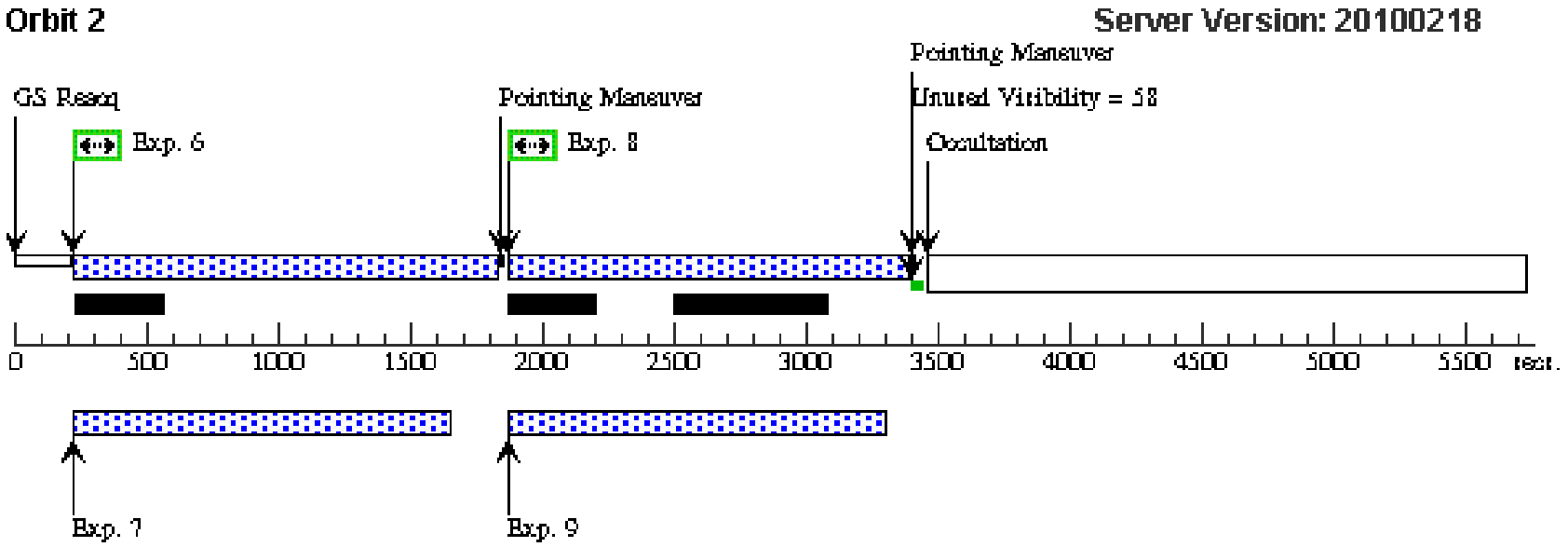
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.9236,7.7504	Prime + Parallel Group 1-3	1 Secs *[==>1.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.9236,7.7504	Prime + Parallel Group 1-3	1500 Secs *[==>1217.0 Secs]*	 ***[1]***
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 1-3	*[==>]*	***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 4.1939,4.0207	Prime + Parallel Group 4-5	1500 Secs *[==>1303.0 Secs]*	 ***[1]***
5		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 4-5	*[==>]*	***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.9236,7.7504	Prime + Parallel Group 6-7	1500 Secs *[==>1484.0 Secs]*	 ***[2]***
7		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 6-7	*[==>]*	***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 4.1939,4.0207	Prime + Parallel Group 8-9	1500 Secs *[==>1399 Secs]*	 ***[2]***
9		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 8-9	*[==>]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.4641,0.2909	Prime + Parallel Group 10-12	1500 Secs *[==>1457.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.2656,-3.4388	Prime + Parallel Group 13-15	1500 Secs *[==>1371 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=RAPID		Prime + Parallel Group 13-15	*[==>]*	***[3]***
16		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.4641,0.2909	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***

	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.2656, -3.4388	Prime + Parallel Group 19-21	1500 Secs *[==>1371 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -6.9954, -7.1686	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -6.9954, -7.1686	Prime + Parallel Group 25-27	1500 Secs *[==>1358 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure

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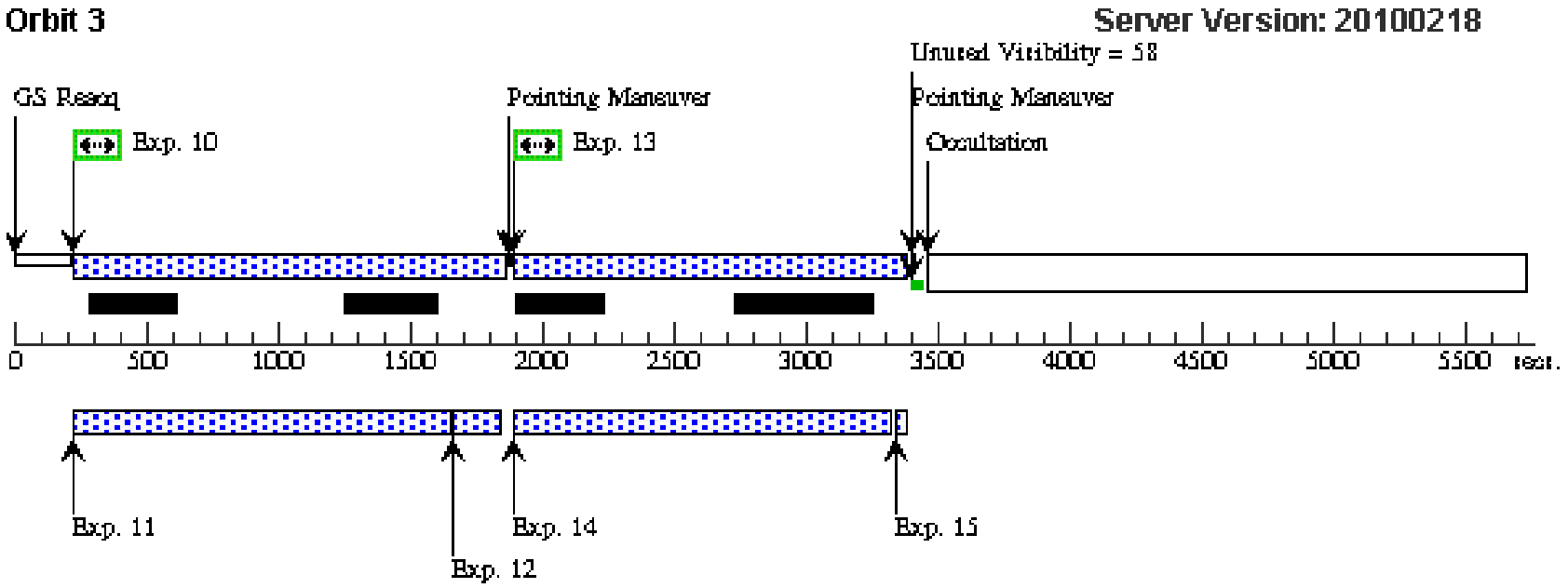
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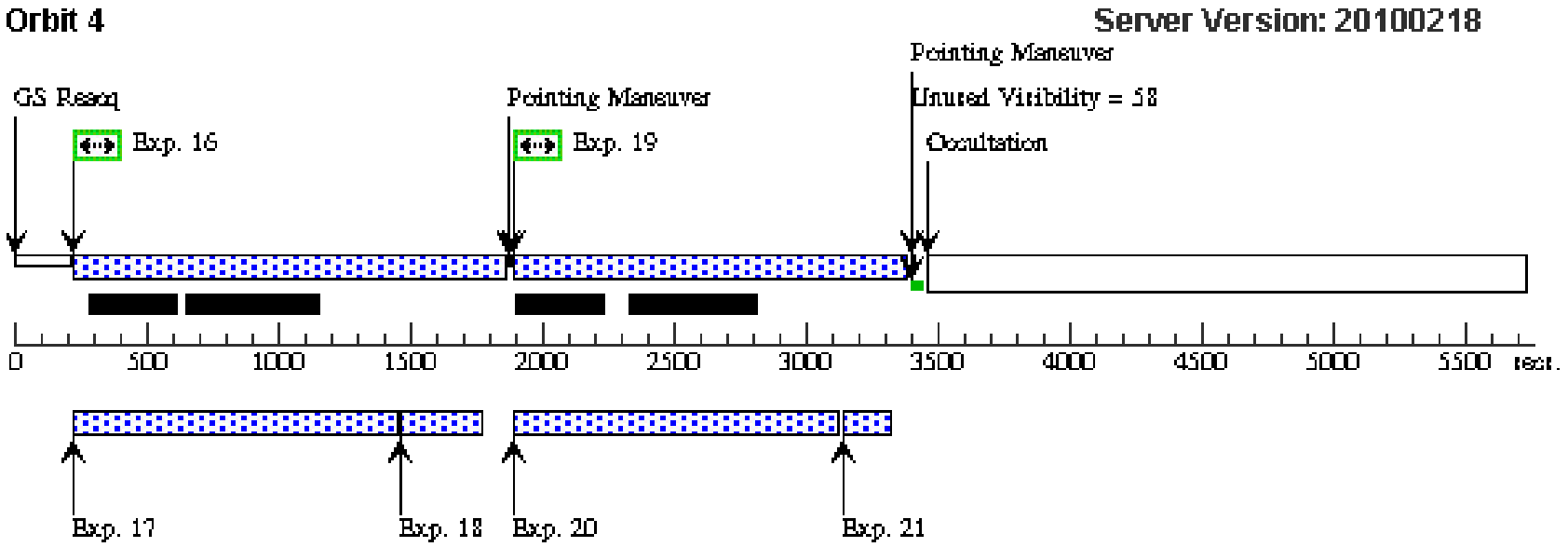
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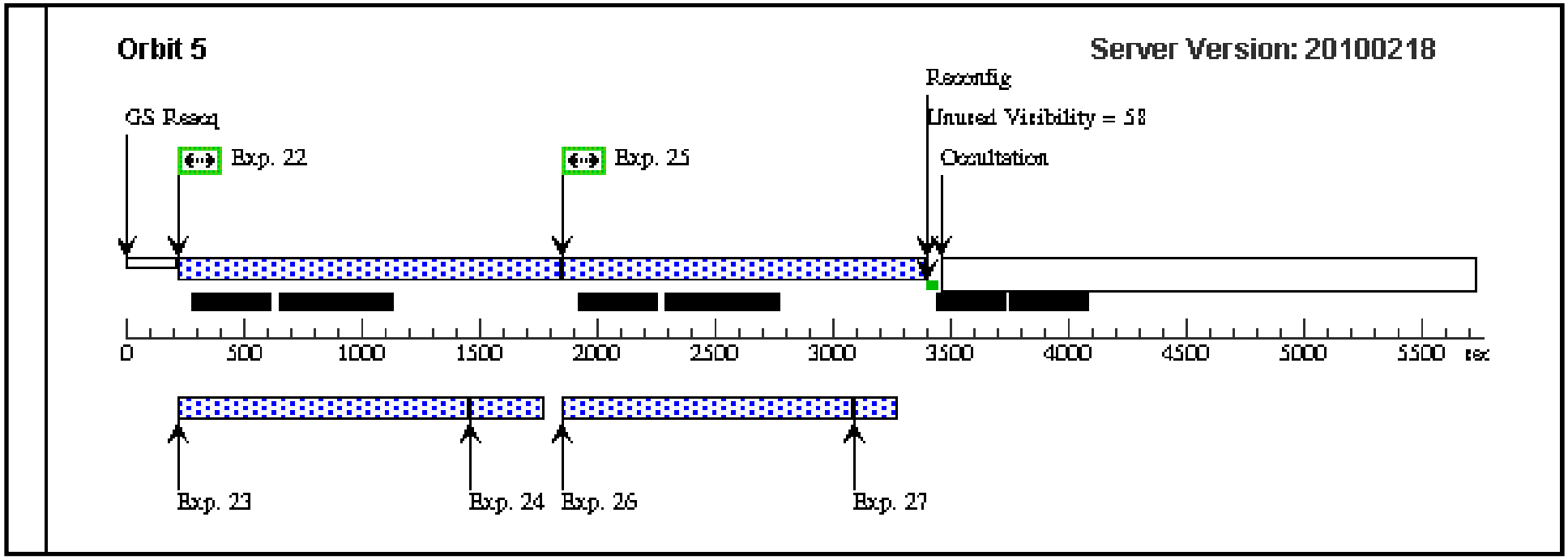
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Exp. 27

Visit

Proposal 11677, Visit 21, completed Sat Apr 24 01:11:20 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 107.5D TO 118.5 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

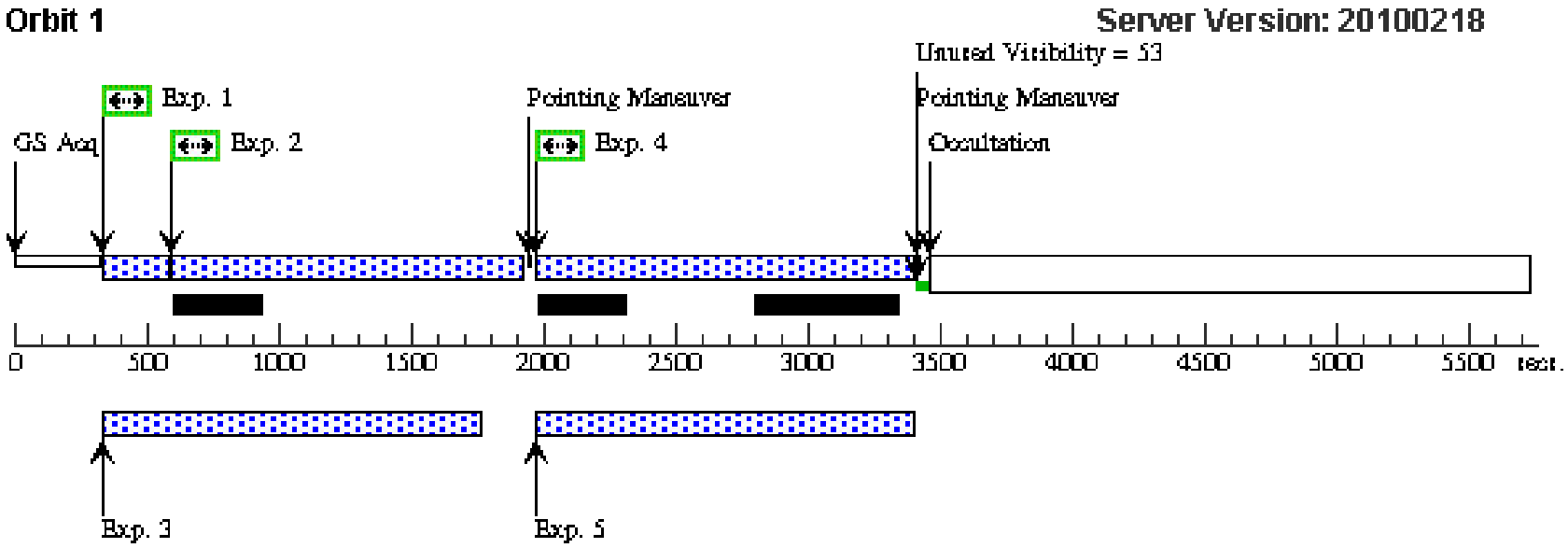
Comments: This object was generated by the targetselector and retrieved from the NED database.

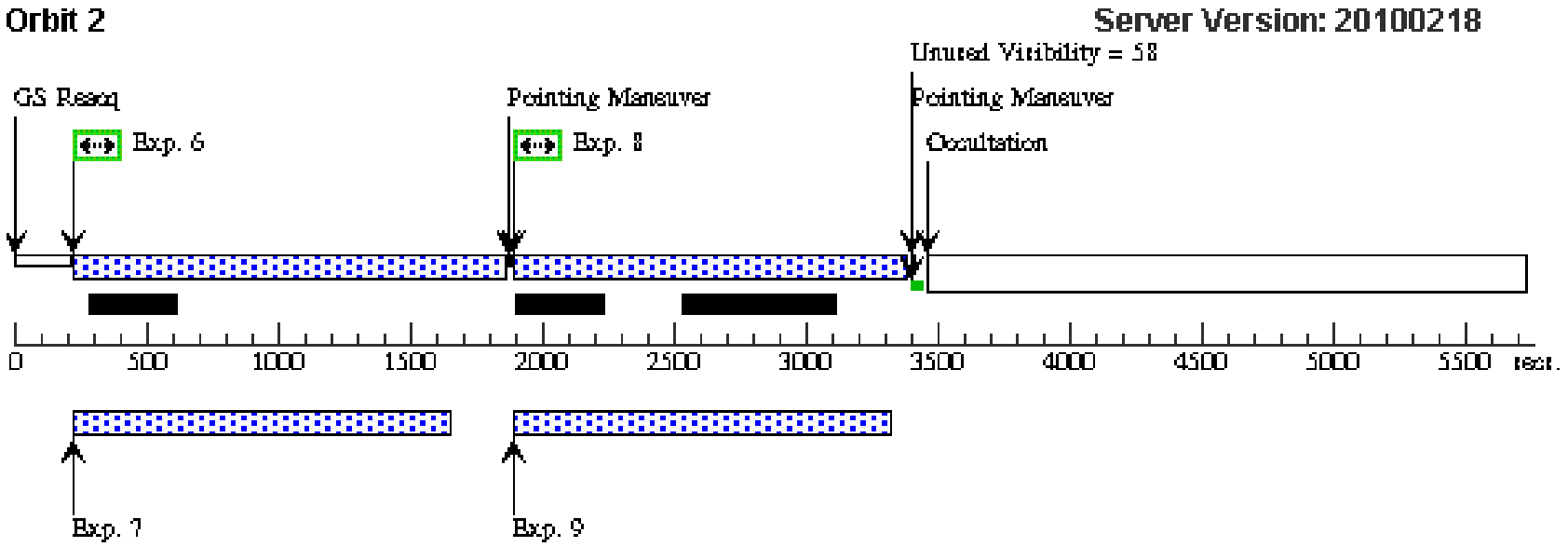
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 6.99 54,7.2108	Prime + Parallel Group 1-3	1 Secs *[==>10.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 6.99 54,7.2108	Prime + Parallel Group 1-3	1500 Secs *[==>1208.0 Secs]*	 ***[1]***
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 1-3	*[==>]*	***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.2656,3.4811	Prime + Parallel Group 4-5	1500 Secs *[==>1303.0 Secs]*	 ***[1]***
5		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 4-5	*[==>]*	***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 6.99 54,7.2108	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 6-7	*[==>]*	***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.2656,3.4811	Prime + Parallel Group 8-9	1500 Secs *[==>1371 Secs]*	 ***[2]***
9		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 8-9	*[==>]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.4641, -0.2486	Prime + Parallel Group 10-12	1500 Secs *[==>1457.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -4.1939, -3.9784	Prime + Parallel Group 13-15	1500 Secs *[==>1371 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=RAPID		Prime + Parallel Group 13-15	*[==>]*	***[3]***
16		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.4641, -0.2486	Prime + Parallel Group 16-18	1500 Secs *[==>1457 Secs]*	 ***[4]***

	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -4.1939, -3.9784	Prime + Parallel Group 19-21	1500 Secs *[==>1371 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.9236, -7.7081	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.9236, -7.7081	Prime + Parallel Group 25-27	1500 Secs *[==>1358 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure

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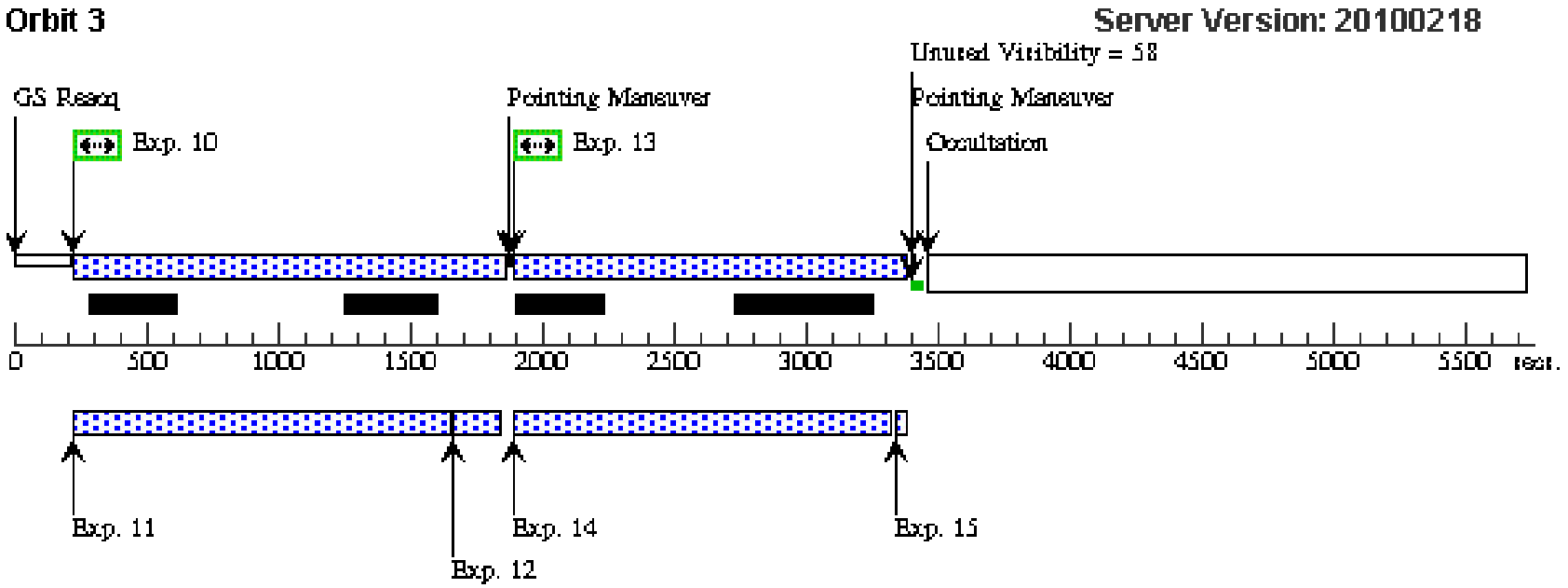
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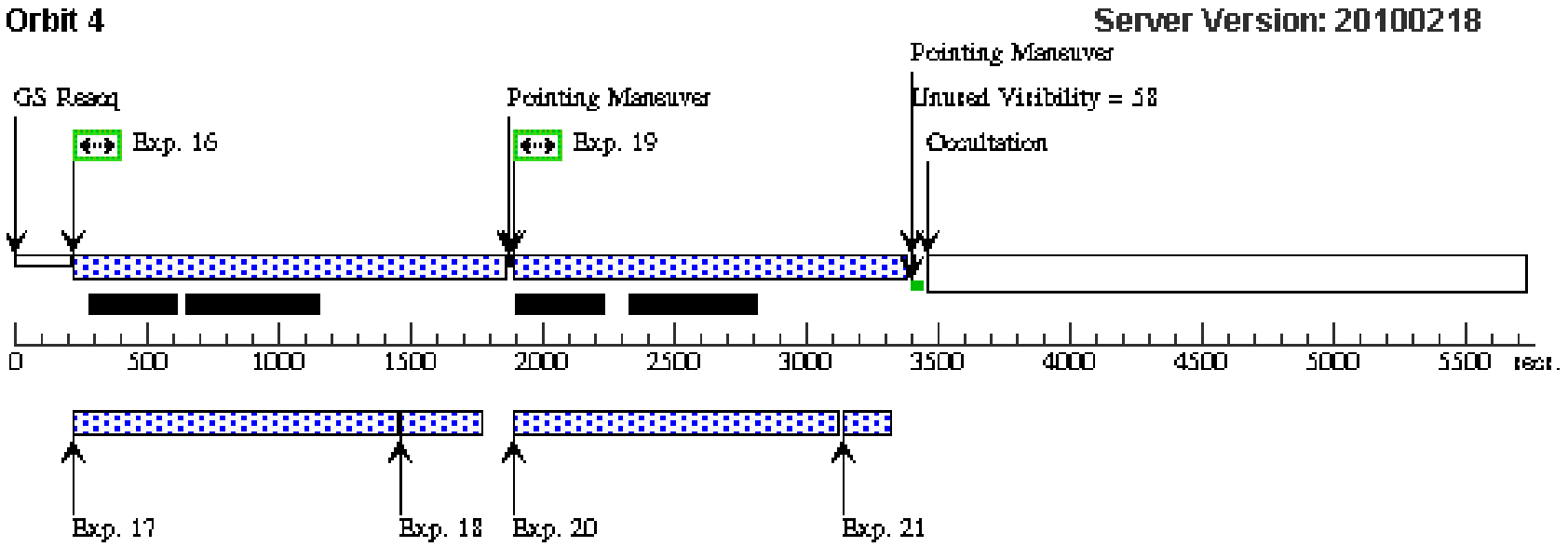
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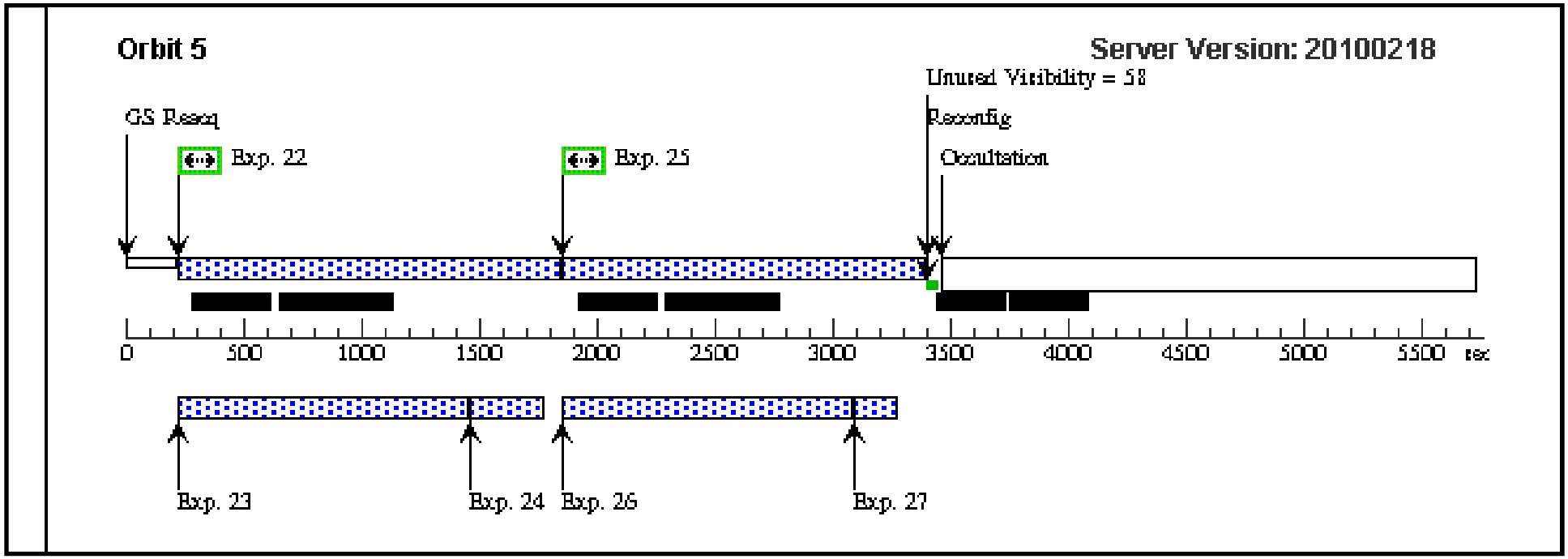
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Exp. 22
Exp. 25
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 22, completed Sat Apr 24 01:11:21 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 107.5D TO 118.5 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

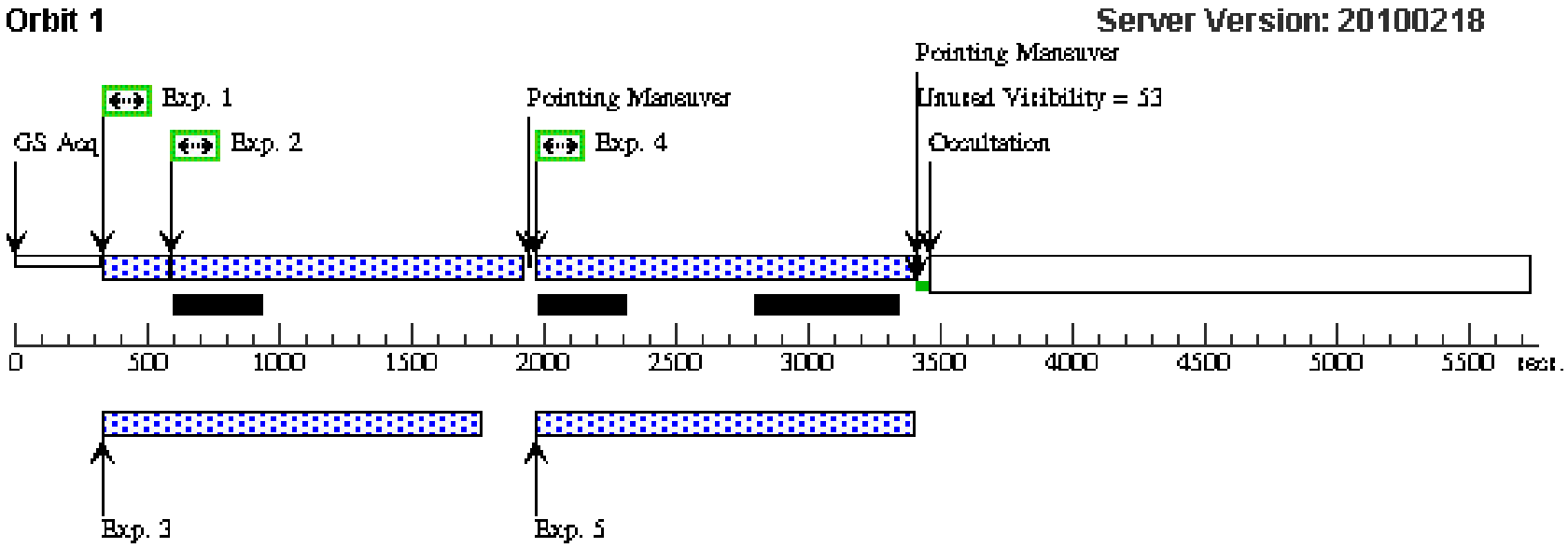
Comments: This object was generated by the targetselector and retrieved from the NED database.

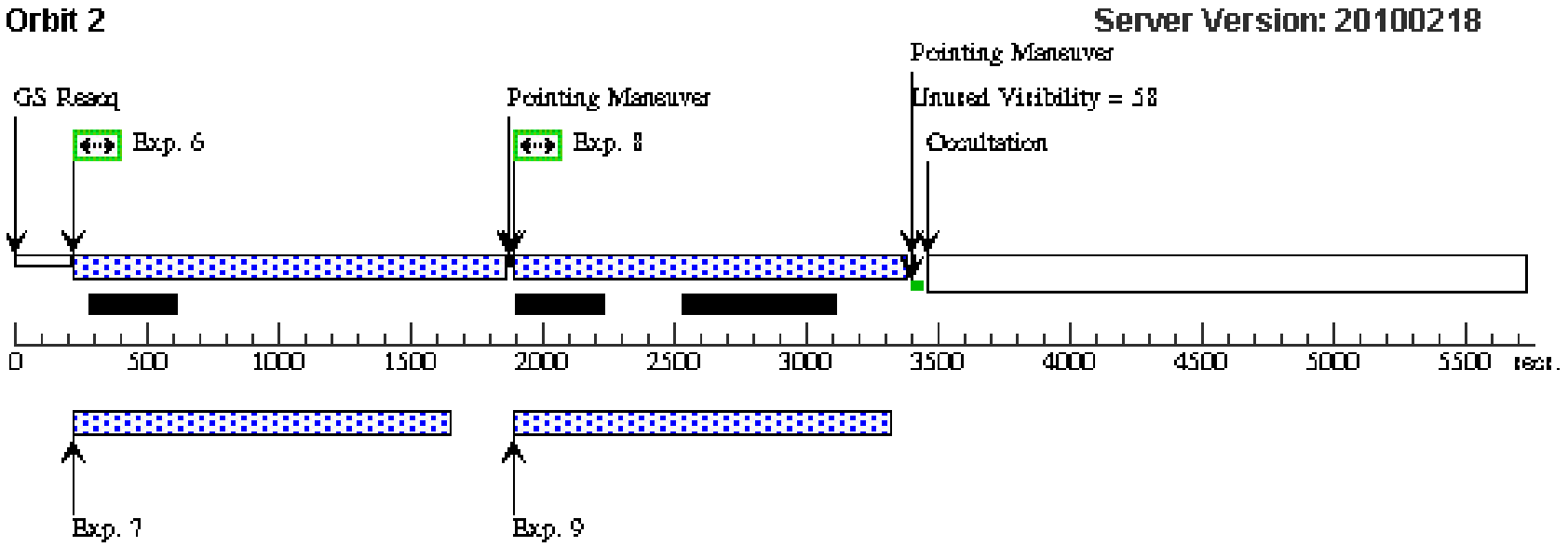
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.2937,7.2457	Prime + Parallel Group 1-3	1 Secs *[==>10.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.2937,7.2457	Prime + Parallel Group 1-3	1500 Secs *[==>1208.0 Secs]*	 ***[1]***
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 1-3	*[==>]*	***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.5640,3.5159	Prime + Parallel Group 4-5	1500 Secs *[==>1303 Secs]*	 ***[1]***
5		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 4-5	*[==>]*	***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.2937,7.2457	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 6-7	*[==>]*	***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.5640,3.5159	Prime + Parallel Group 8-9	1500 Secs *[==>1371 Secs]*	 ***[2]***
9		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 8-9	*[==>]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.1658,-0.2138	Prime + Parallel Group 10-12	1500 Secs *[==>1498 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.8955,-3.9436	Prime + Parallel Group 13-15	1500 Secs *[==>1385 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=RAPID		Prime + Parallel Group 13-15	*[==>]*	***[3]***
16		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.1658,-0.2138	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***

	17	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.8955, -3.9436	Prime + Parallel Group 19-21	1500 Secs *[==>1371.0 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.6253,-7.6733	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.6253, -7.6733	Prime + Parallel Group 25-27	1500 Secs *[==>1358.0 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 25-27	*[==>]*	***[5]***

Orbit Structure

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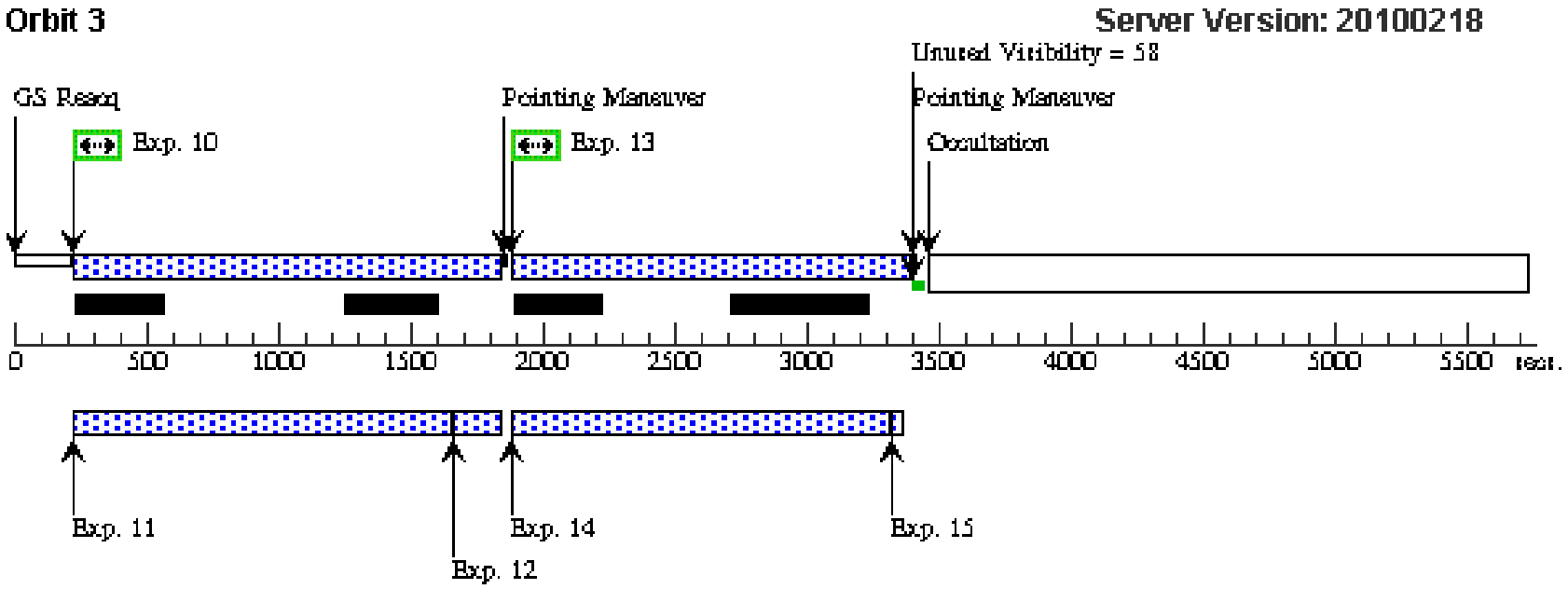
sec.
Exp. 7
Exp. 9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Pointing Maneuver
Occultation
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sec.
Exp. 11
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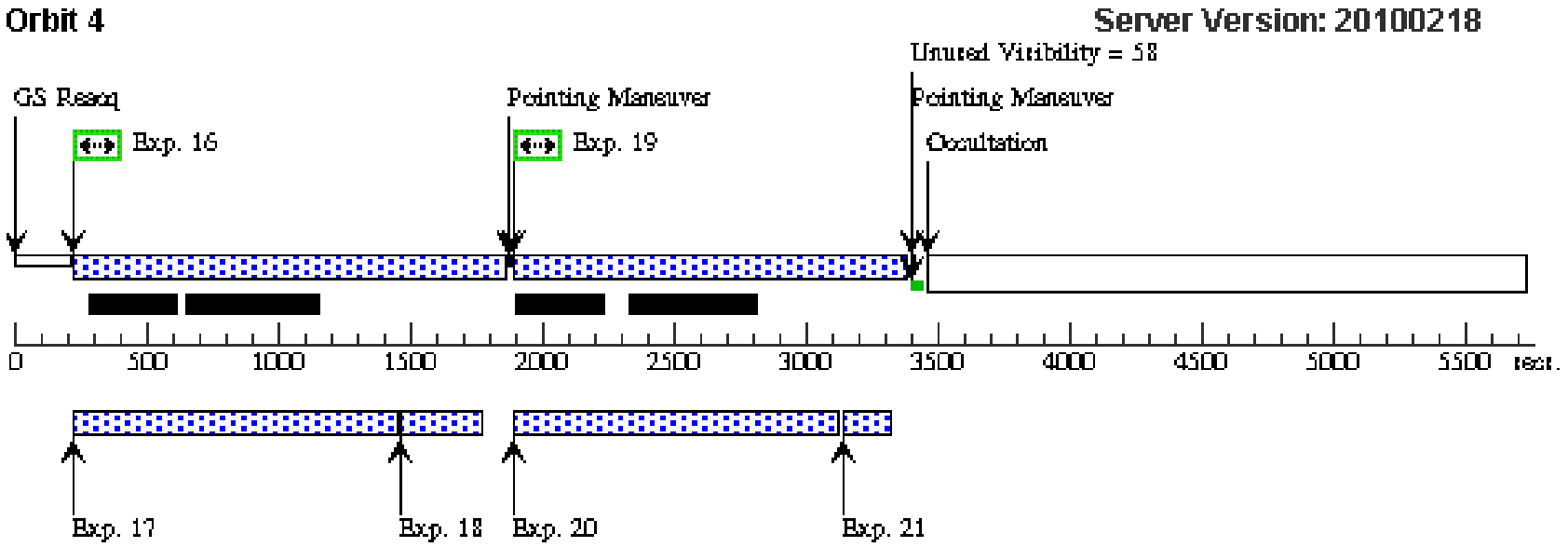
Exp. 14
Exp. 15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sec.
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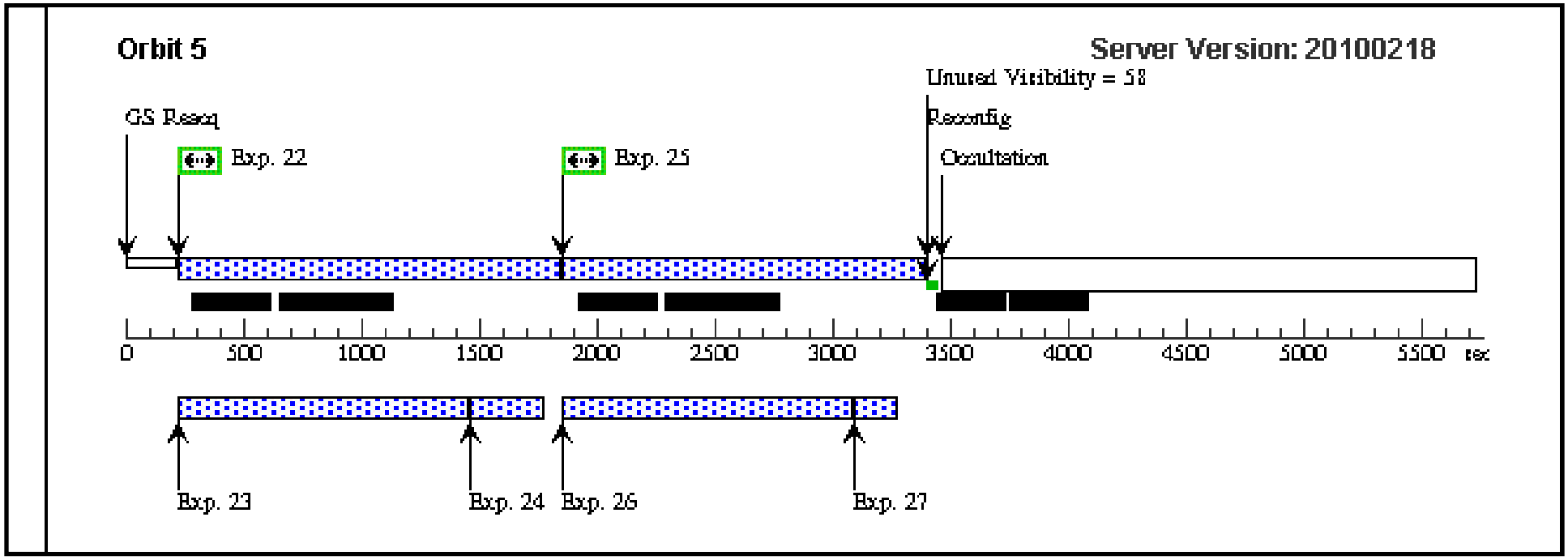
Exp. 18
Exp. 20
Exp. 21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Server Version: 20100218
Unused Visibility = 58
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Exp. 25
Reconfig
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5000
5500
sec
Exp. 23
Exp. 24
Exp. 26
Exp. 27

Visit

Proposal 11677, Visit 23, completed Sat Apr 24 01:11:22 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 107.5D TO 118.5 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

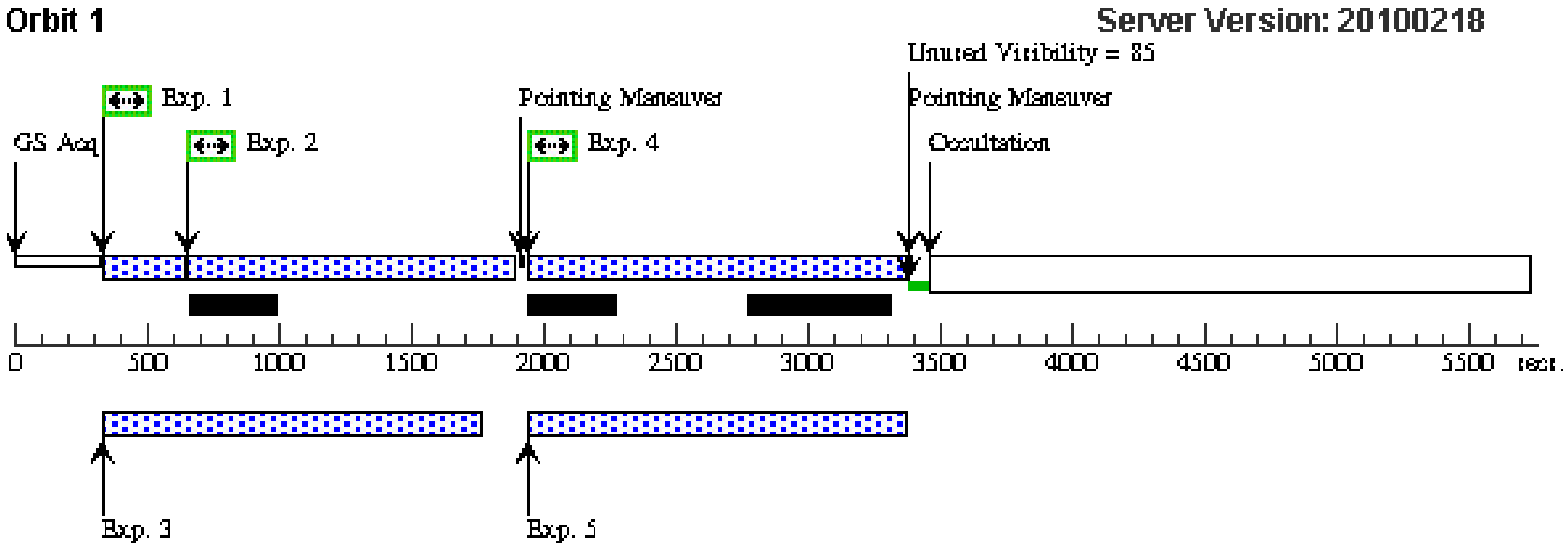
Comments: This object was generated by the targetselector and retrieved from the NED database.

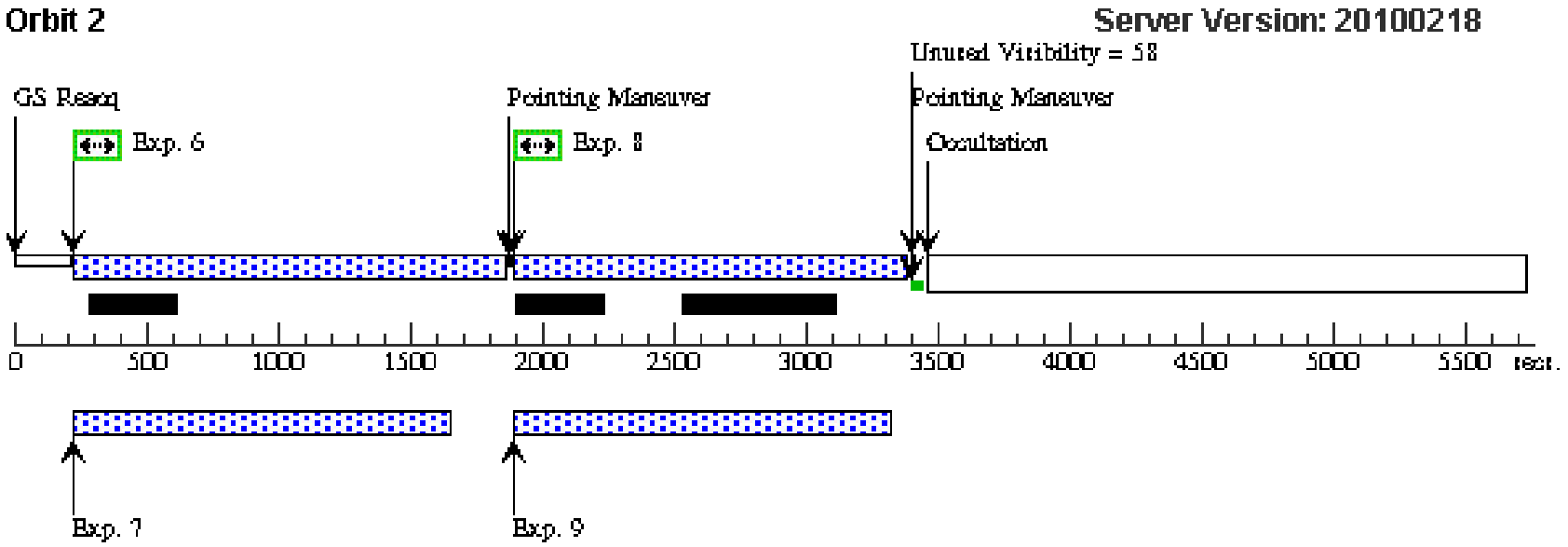
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.59 21,7.2407	Prime + Parallel Group 1-3	1 Secs *[==>100.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.59 21,7.2407	Prime + Parallel Group 1-3	1500 Secs *[==>1118.0 Secs]*	 ***[1]***
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 1-3	*[==>]*	***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.8624,3.5109	Prime + Parallel Group 4-5	1500 Secs *[==>1303.0 Secs]*	 ***[1]***
5		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 4-5	*[==>]*	***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.59 21,7.2407	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 6-7	*[==>]*	***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.8624,3.5109	Prime + Parallel Group 8-9	1500 Secs *[==>1371 Secs]*	 ***[2]***
9		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 8-9	*[==>]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.1326,-0.2188	Prime + Parallel Group 10-12	1500 Secs *[==>1457.0 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.59 71,-3.9486	Prime + Parallel Group 13-14	1500 Secs *[==>1371 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-14	*[==>]*	***[3]***
15		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.1326,-0.2188	Prime + Parallel Group 15-17	1500 Secs *[==>1457.0 Secs]*	 ***[4]***
16		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 15-17	*[==>]*	***[4]***

	17	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 15-17	*[==>]*	***[4]***
	18	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.5971,-3.9486	Prime + Parallel Group 18-20	1500 Secs *[==>1371 Secs]*	 ***[4]***
	19	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 18-20	*[==>]*	***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 18-20	*[==>]*	***[4]***
	21	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.3269, -7.6783	Prime + Parallel Group 21-23	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	22	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 21-23	*[==>]*	***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 21-23	*[==>]*	***[5]***
	24	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.3269, -7.6783	Prime + Parallel Group 24-26	1500 Secs *[==>1358 Secs]*	 ***[5]***
	25	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 24-26	*[==>]*	***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 24-26	*[==>]*	***[5]***

Orbit Structure

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Exp. 7
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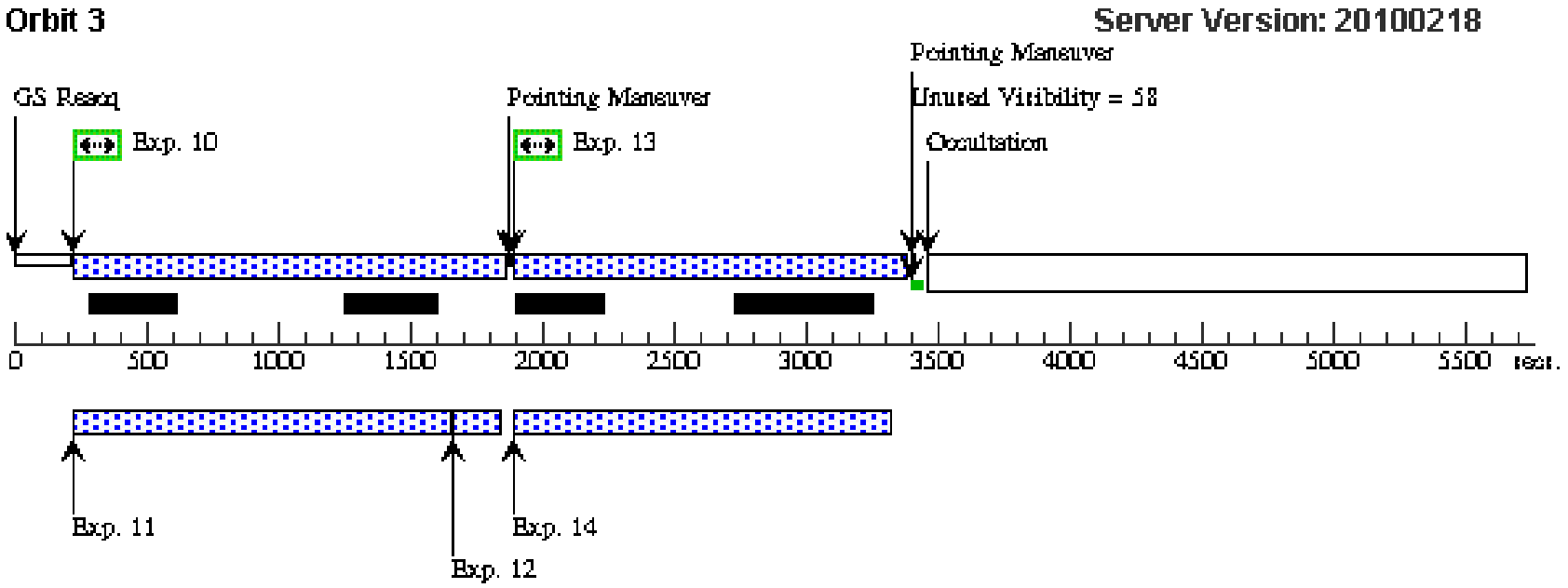
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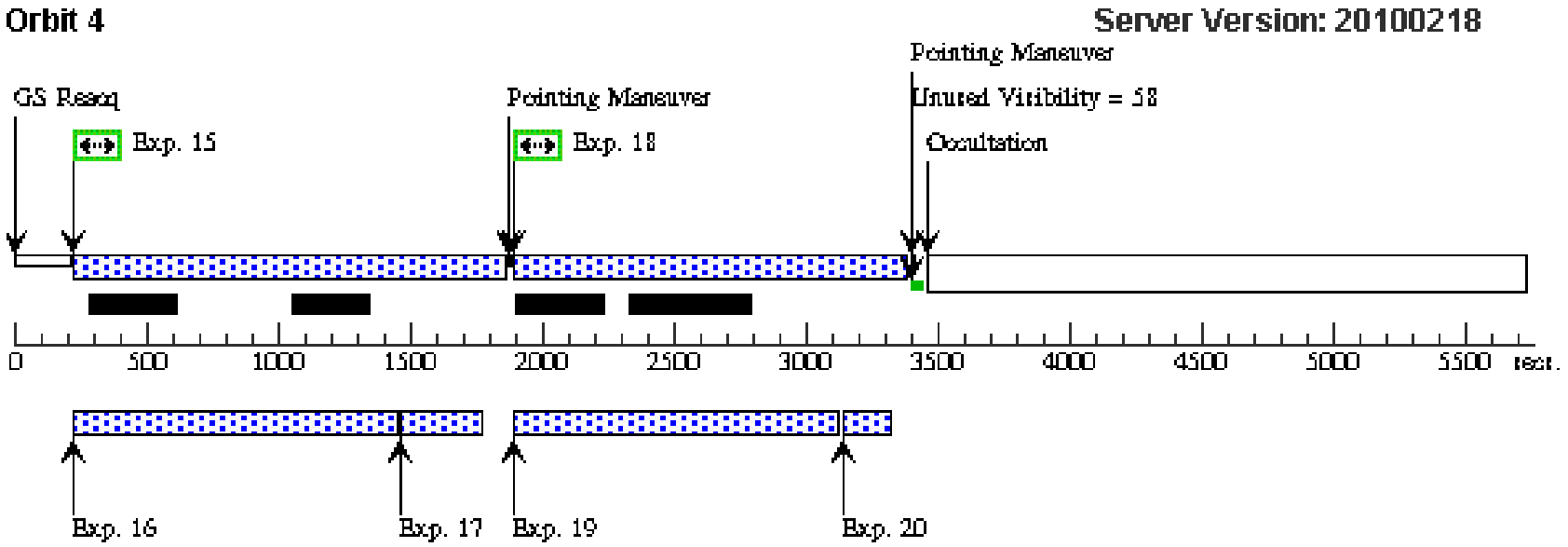
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Pointing Maneuver
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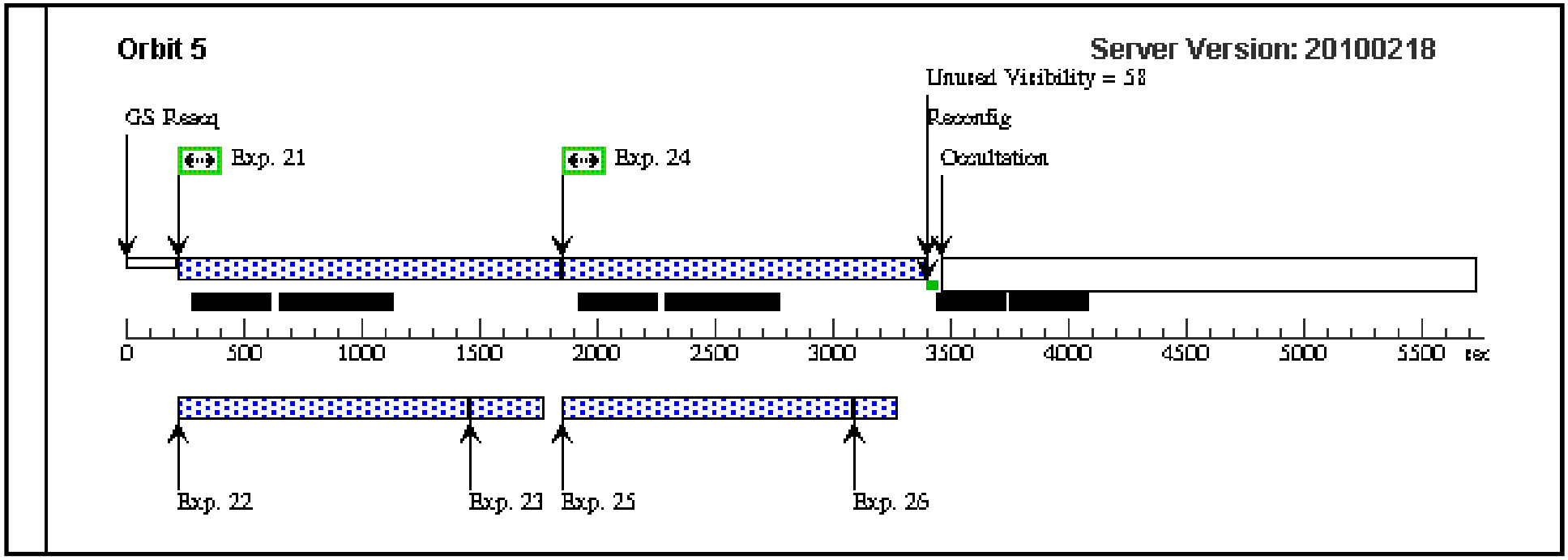
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5000
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sec
Exp. 22
Exp. 23
Exp. 25
Exp. 26

Visit

Proposal 11677, Visit 24, completed Sat Apr 24 01:11:22 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: BRIGHT EARTH AVOID 25D; ORIENT 107.5D TO 118.5 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-0104-6W	RA: 00 22 38.6500 (5.6610417d) Dec: -72 04 4.10 (-72.06781d) Equinox: J2000		V=29.5+/-0.15	Reference Frame: ICRS

Comments: This object was generated by the targetselector and retrieved from the NED database.

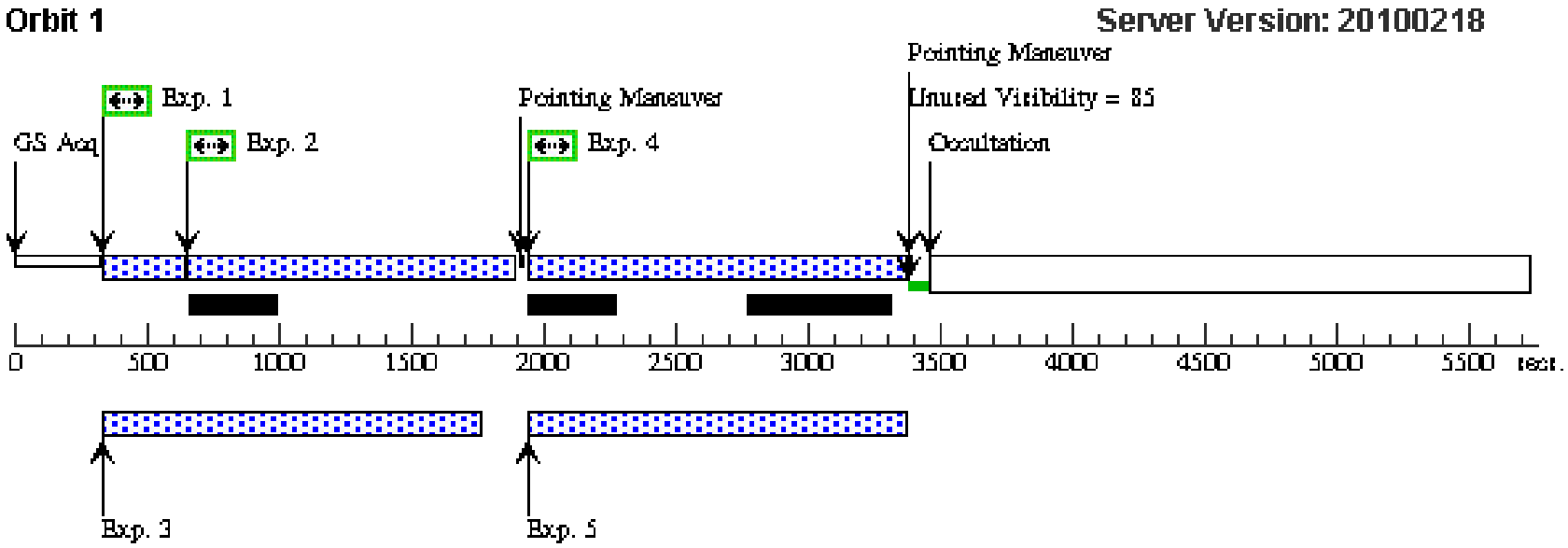
Exposures

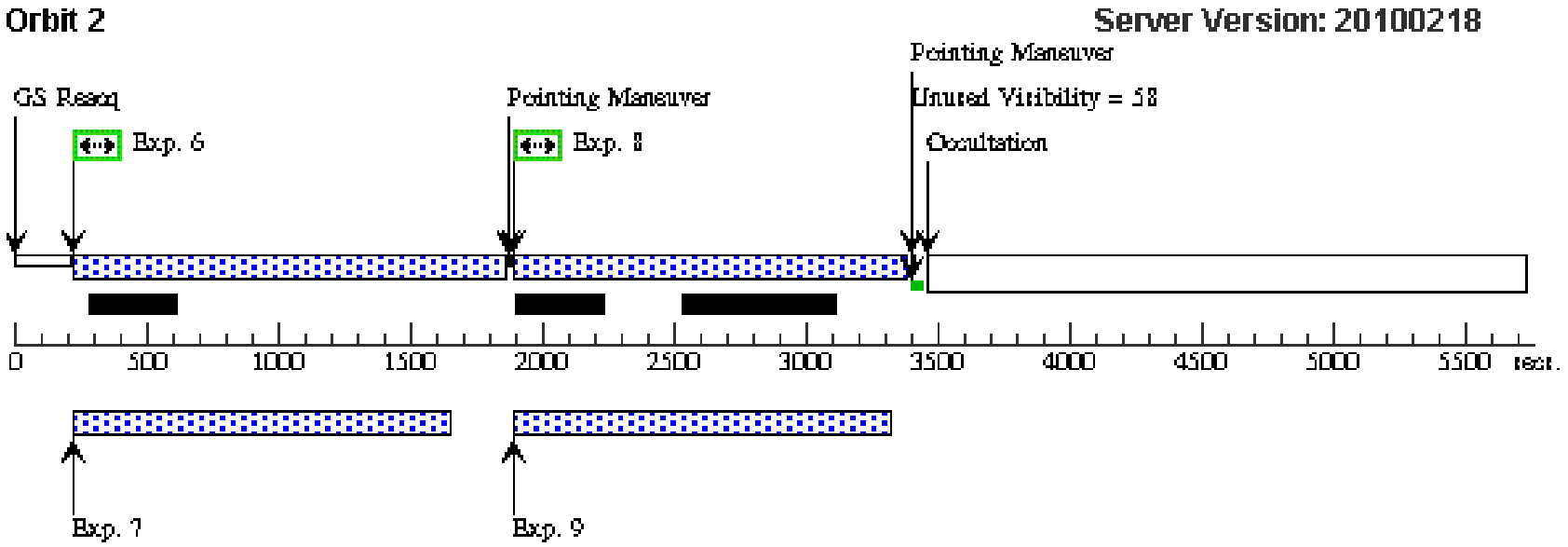
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.8905,7.2531	Prime + Parallel Group 1-3	1 Secs *[==>100.0 Secs]*	 ***[1]***
2		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.8905,7.2531	Prime + Parallel Group 1-3	1500 Secs *[==>1118.0 Secs]*	 ***[1]***
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 1-3	*[==>]*	***[1]***
4		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 4.1607,3.5234	Prime + Parallel Group 4-5	1500 Secs *[==>1303.0 Secs]*	 ***[1]***
5		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 4-5	*[==>]*	***[1]***
6		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.8905,7.2531	Prime + Parallel Group 6-7	1500 Secs *[==>1457.0 Secs]*	 ***[2]***
7		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 6-7	*[==>]*	***[2]***
8		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 4.1607,3.5234	Prime + Parallel Group 8-9	1500 Secs *[==>1371 Secs]*	 ***[2]***
9		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 8-9	*[==>]*	***[2]***
10		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.4310,-0.2064	Prime + Parallel Group 10-12	1500 Secs *[==>1498 Secs]*	 ***[3]***
11		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 10-12	*[==>]*	***[3]***
12		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 10-12	*[==>]*	***[3]***
13		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.2988,-3.9361	Prime + Parallel Group 13-15	1500 Secs *[==>1385 Secs]*	 ***[3]***
14		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 13-15	*[==>]*	***[3]***
15		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=RAPID		Prime + Parallel Group 13-15	*[==>]*	***[3]***
16		(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.4310,-0.2064	Prime + Parallel Group 16-18	1500 Secs *[==>1457.0 Secs]*	 ***[4]***

	17	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	18	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 16-18	*[==>]*	***[4]***
	19	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.2988, -3.9361	Prime + Parallel Group 19-21	1500 Secs *[==>1371 Secs]*	 ***[4]***
	20	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	21	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=SPARS10		Prime + Parallel Group 19-21	*[==>]*	***[4]***
	22	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -7.0285, -7.6659	Prime + Parallel Group 22-24	1500 Secs *[==>1442.0 Secs]*	 ***[5]***
	23	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	24	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 22-24	*[==>]*	***[5]***
	25	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -7.0285, -7.6659	Prime + Parallel Group 25-27	1500 Secs *[==>1358 Secs]*	 ***[5]***
	26	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	27	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP25		Prime + Parallel Group 25-27	*[==>]*	***[5]***
	28	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0	Prime + Parallel Group 28-30	1500 Secs *[==>1443.0 Secs]*	 ***[6]***
	29	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400		Prime + Parallel Group 28-30	*[==>]*	***[6]***
	30	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP50		Prime + Parallel Group 28-30	*[==>]*	***[6]***
	31	(1) NGC-0104-6W	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0	Prime + Parallel Group 31-33	1500 Secs *[==>1357 Secs]*	 ***[6]***

	32	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP400	Prime + Parallel Group 31-33	*[==>]*	***[6]***
	33	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP25	Prime + Parallel Group 31-33	*[==>]*	***[6]***

Orbit Structure




Orbit 2
Server Version: 20100218
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Visibility = 58
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Exp. 8
Occultation
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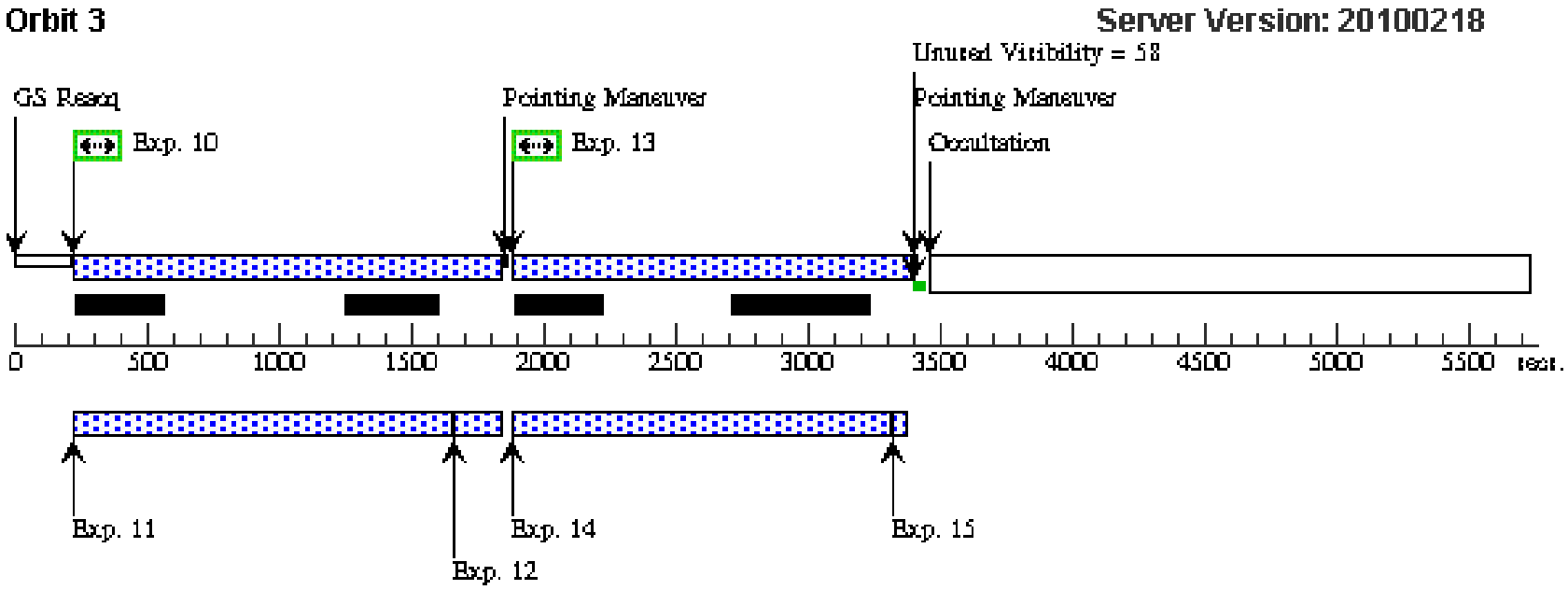
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 7
Exp. 9


Orbit 3
Server Version: 20100218
Unused Visibility = 58
GS Reacq
Exp. 10
Pointing Maneuver
Exp. 13
Pointing Maneuver
Occultation
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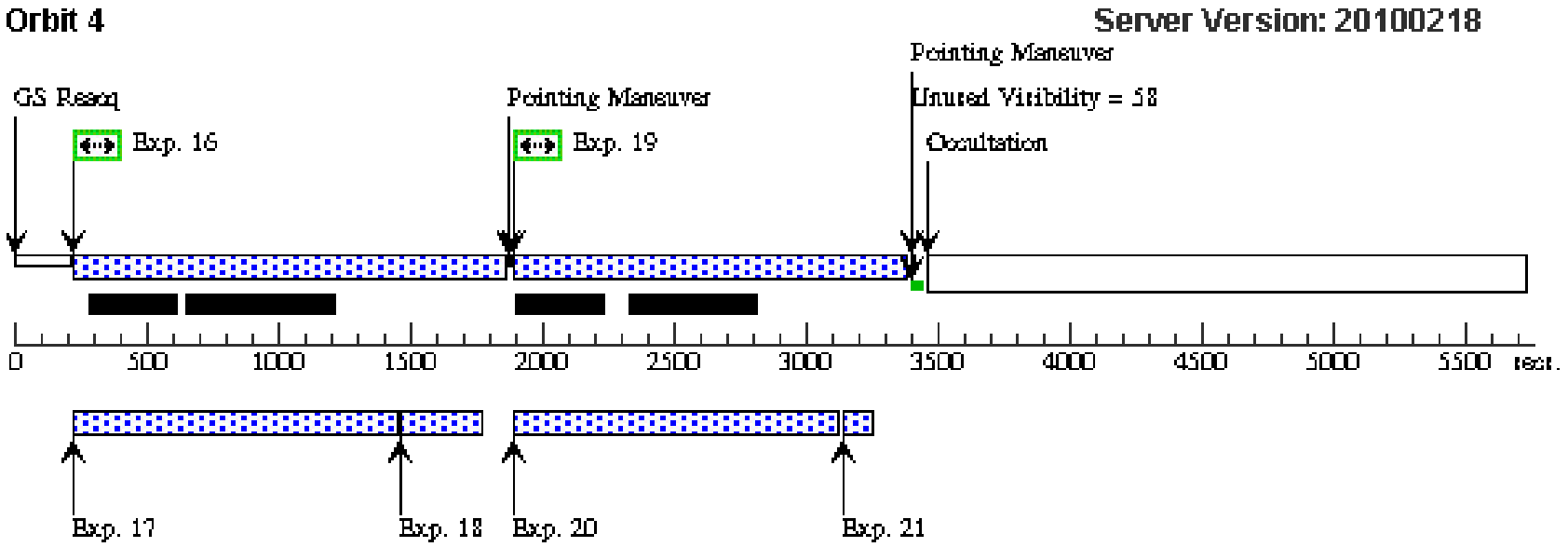
3000
3500
4000
4500
5000
5500
sec.
Exp. 11
Exp. 12
Exp. 14
Exp. 15


Orbit 4
Server Version: 20100218
GS Reacq
Exp. 16
Pointing Maneuver
Exp. 19
Pointing Maneuver
Unused Visibility = 58
Occultation
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1000
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2000
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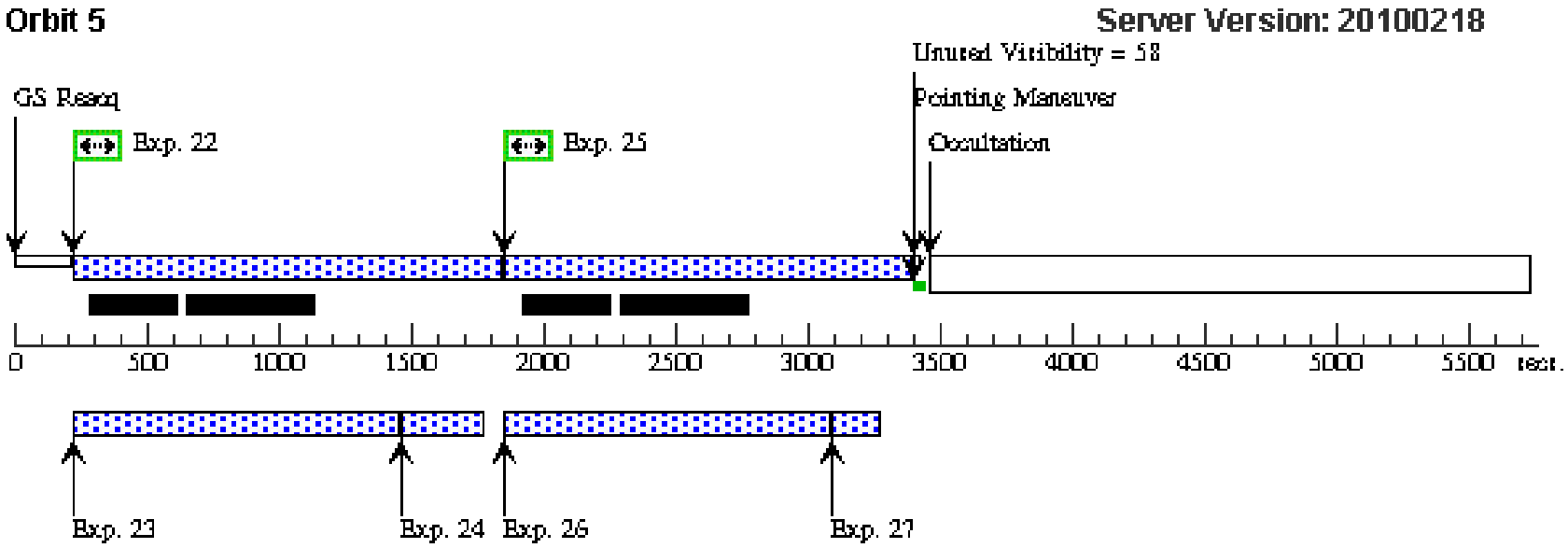
3000
3500
4000
4500
5000
5500
sec.
Exp. 17
Exp. 18
Exp. 20
Exp. 21


Orbit 5
Server Version: 20100218
Unused Visibility = 58
GS Reacq
Exp. 22
Exp. 25
Pointing Maneuver
Occultation
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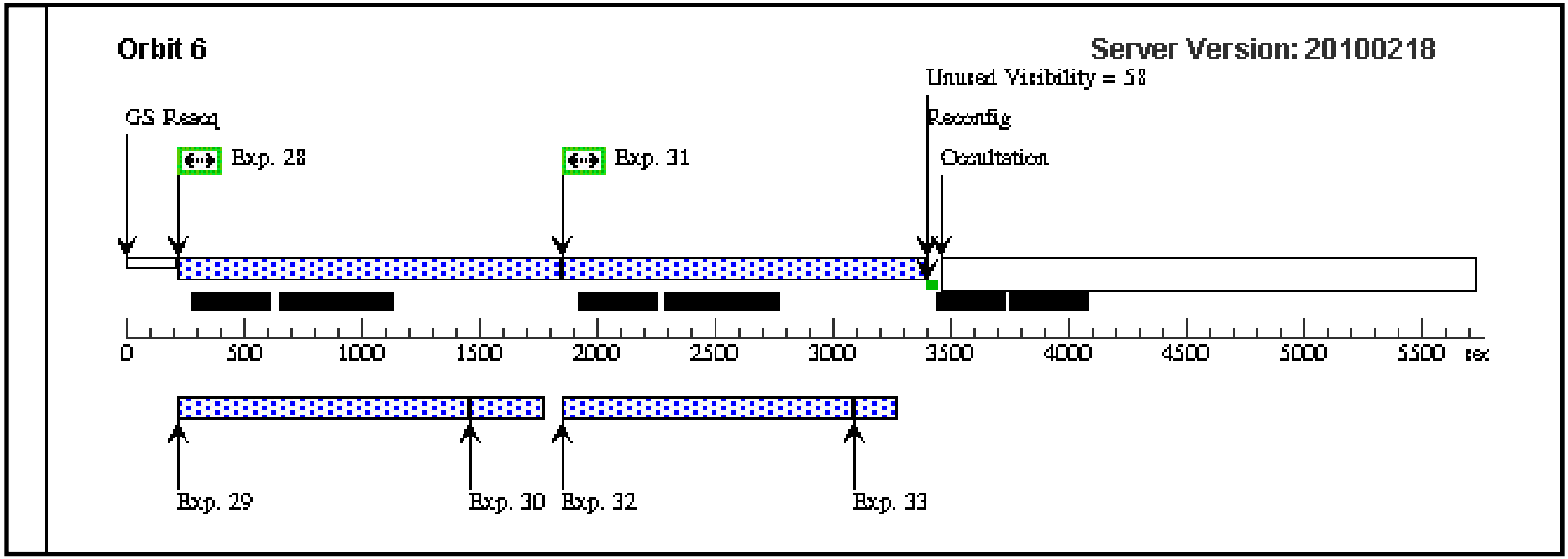
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Exp. 23
Exp. 24
Exp. 26
Exp. 27


Orbit 6
Server Version: 20100218
Unused Visibility = 58
GS Reacq
Exp. 28
Exp. 31
Reconfig
Occultation
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1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 29
Exp. 30
Exp. 32
Exp. 33