11987 - The Recent Star Formation History of SINGS Galaxies

Cycle: 16, Proposal Category: GO/DD

(Availability Mode: SUPPORTED)

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) DDO053	WFPC2	3	15-Apr-2010 21:19:34.0	yes
02	(2) DDO165	WFPC2	3	15-Apr-2010 21:19:43.0	yes
03	(3) IC4710	WFPC2	3	15-Apr-2010 21:19:54.0	yes
04	(4) MRK33	WFPC2	5	15-Apr-2010 21:20:09.0	yes
05	(5) NGC0024	WFPC2	5	15-Apr-2010 21:20:24.0	yes
09	(9) NGC0925	WFPC2	3	15-Apr-2010 21:20:35.0	yes
12	(12) NGC1316	WFPC2	3	15-Apr-2010 21:20:43.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
14	(14) NGC1512	WFPC2	1	15-Apr-2010 21:20:48.0	yes
15	(15) NGC1566	WFPC2	5	15-Apr-2010 21:20:56.0	yes
16	(16) NGC1705	WFPC2	1	15-Apr-2010 21:21:03.0	yes
18	(18) NGC2798	WFPC2	4	15-Apr-2010 21:21:11.0	yes
20	(20) NGC2915	WFPC2	5	15-Apr-2010 21:21:25.0	yes
21	(21) NGC3049	WFPC2	5	15-Apr-2010 21:21:42.0	yes
22	(22) NGC3773	WFPC2	3	15-Apr-2010 21:21:52.0	yes
24	(24) NGC4569	WFPC2	1	15-Apr-2010 21:21:55.0	yes
28	(28) NGC5398	WFPC2	5	15-Apr-2010 21:22:02.0	yes
29	(29) NGC5408	WFPC2	5	15-Apr-2010 21:22:16.0	yes
30	(30) NGC5713	WFPC2	5	15-Apr-2010 21:22:29.0	yes
31	(31) NGC5866	WFPC2	4	15-Apr-2010 21:22:41.0	yes
32	(32) NGC6822	WFPC2	2	15-Apr-2010 21:22:49.0	yes
33	(33) NGC7552	WFPC2	5	15-Apr-2010 21:22:57.0	yes
34	(34) NGC7793	WFPC2	3	15-Apr-2010 21:23:05.0	yes
35	(35) NGC7793-POS1	WFPC2	1	15-Apr-2010 21:23:10.0	yes
41	(41) DDO154	WFPC2	1	15-Apr-2010 21:23:12.0	yes
42	(42) HOLMBERG1	WFPC2	2	15-Apr-2010 21:23:14.0	yes
43	(43) HOLMBERG2A	WFPC2	2	15-Apr-2010 21:23:17.0	yes
44	(44) HOLMBERG9	WFPC2	2	15-Apr-2010 21:23:20.0	yes
45	(45) M81DWA	WFPC2	2	15-Apr-2010 21:23:23.0	yes
46	(46) M81-DWB-2	WFPC2	2	15-Apr-2010 21:23:26.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
47	(47) NGC3190	WFPC2	1	15-Apr-2010 21:23:29.0	yes
48	(48) NGC3198	WFPC2	1	15-Apr-2010 21:23:30.0	yes
49	(49) NGC3938	WFPC2	1	15-Apr-2010 21:23:32.0	yes
50	(50) NGC4125	WFPC2	2	15-Apr-2010 21:23:34.0	yes
51	(51) NGC4236	WFPC2	2	15-Apr-2010 21:23:37.0	yes
52	(52) NGC4254	WFPC2	2	15-Apr-2010 21:23:40.0	yes
53	(53) NGC4450	WFPC2	1	15-Apr-2010 21:23:42.0	yes
54	(54) NGC4536	WFPC2	1	15-Apr-2010 21:23:44.0	yes
55	(55) NGC4579	WFPC2	1	15-Apr-2010 21:23:46.0	yes
56	(56) NGC4625	WFPC2	1	15-Apr-2010 21:23:47.0	yes
57	(57) NGC4631	WFPC2	1	15-Apr-2010 21:23:49.0	yes

105 Total Orbits Used

ABSTRACT

The Spitzer Legacy project SINGS provided a unique view of the current state of star formation and dust in a sample of galaxies of all Hubble types. This multi-wavelength view allowed the team to create current star formation diagnostics that are independent of the dust content and increased our understanding of the dust in galaxies. Even so, using the SINGS data alone we can only make rough estimates of the recent star formation history of these galaxies. The lack of U-band observations means that it is impossible to estimate the ages of young clusters. In addition, the low resolution of the Spitzer and ground-based observations means that what appear to be individual Spitzer sources can actually be composed of many individual clusters with varying ages.

In this proposal we plan to address this missing area in SINGS by obtaining high-resolution WFPC2 UBVI observations to accurately find and determine the ages of the young stellar clusters in a subset of the SINGS galaxies. These observations will greatly enhance the legacy value of the SINGS observations while also directly answering questions pertaining to star formation in galaxies.

OBSERVING DESCRIPTION

Our plan is to observe two orbits in F336W (U-band) to get the signal-to-noise ratio needed based on our previous observations of young stellar clusters in nearby galaxies. We prefer the F336W over the F300 filter because it is narrower and thus provides a more discrimination of the SED, critical for age and extinction determinations, at the cost of only slightly more exposure time. We then observe one orbit in B-band and then observe F555W and F814W in one orbit. It turns out that most of the sample of galaxies has existing archival V and I band observations. For these galaxies we will only observe in F336W. As explained above, this band is critical for determining the ages and will provide a large science return for only 2 orbits per galaxy.

An option that would add even more information about the ages of the clusters would be to get H observations for these galaxies. H is very useful in determining ages of young clusters and would give us high-resolution images of the current star formation rate.

Roughly 500 HST orbits have already been used on the SINGS galaxies. However, the result is a very non-uniform patchwork using more than a dozen different filters, and only a handful of F336W observations. For the cost of an additional ~ 100 orbits, our proposal would provide the U observations that are critical for addressing a wide of questions, and would unify the database so that all SINGS galaxies would have UBVI observations.

We plan to put in a supplemental proposal to observe the SINGS galaxies that are not visible during this time period.

Visit

Proposal 11987, Visit 01, scheduling Fri Apr 16 01:23:53 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: ORIENT 70D TO 180 D

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): IMAGE is not a valid selection

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): Illegal selection: WFPC2.

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Visit 01) Warning (Orbit Planner): EXPOSURE NOT IN REQUESTED ORBIT

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

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

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

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1), (2)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

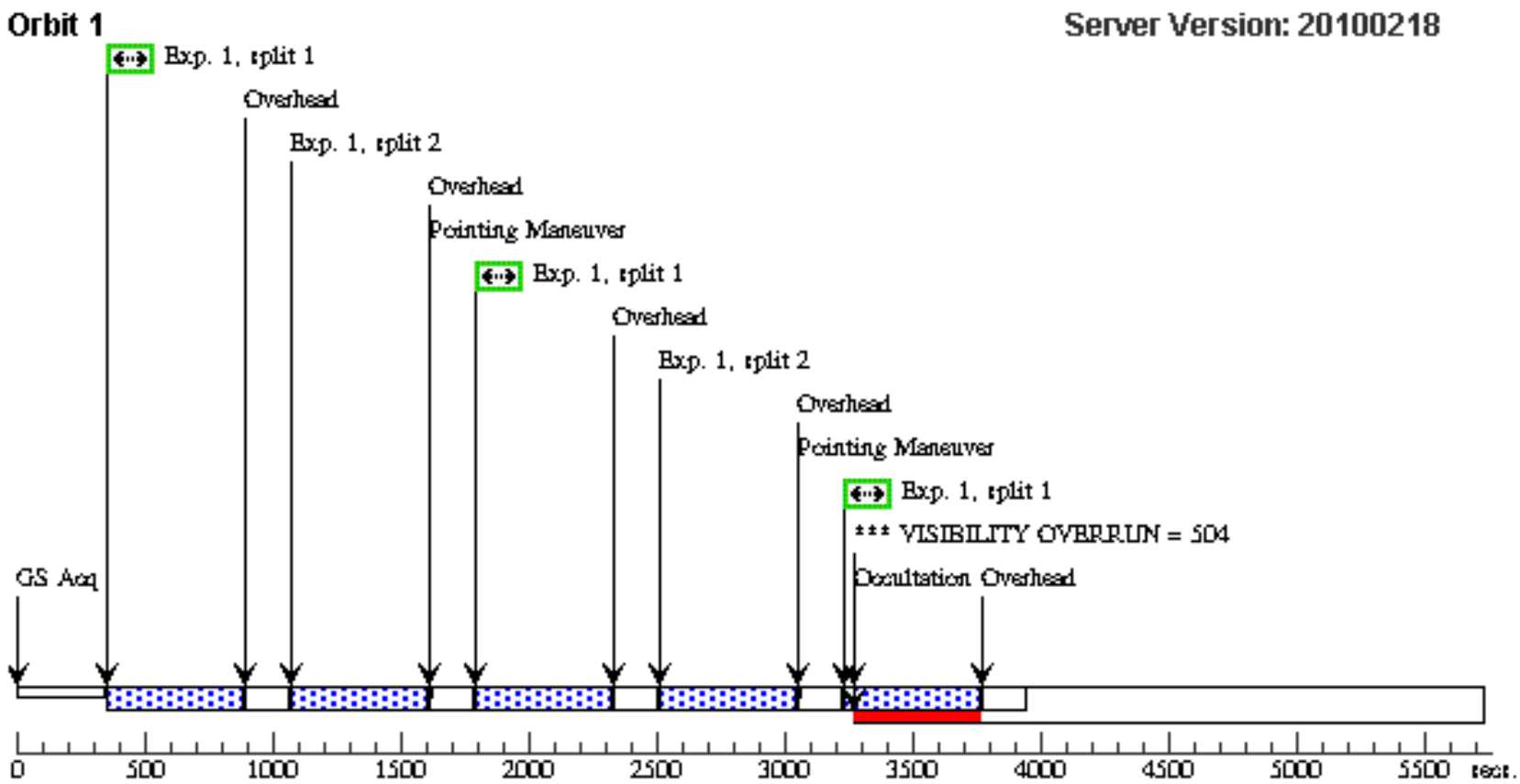
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	DDO053	RA: 08 34 2.6440 (128.5110167d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +66 10 57.60 (66.18267d)			
		Equinox: J2000			

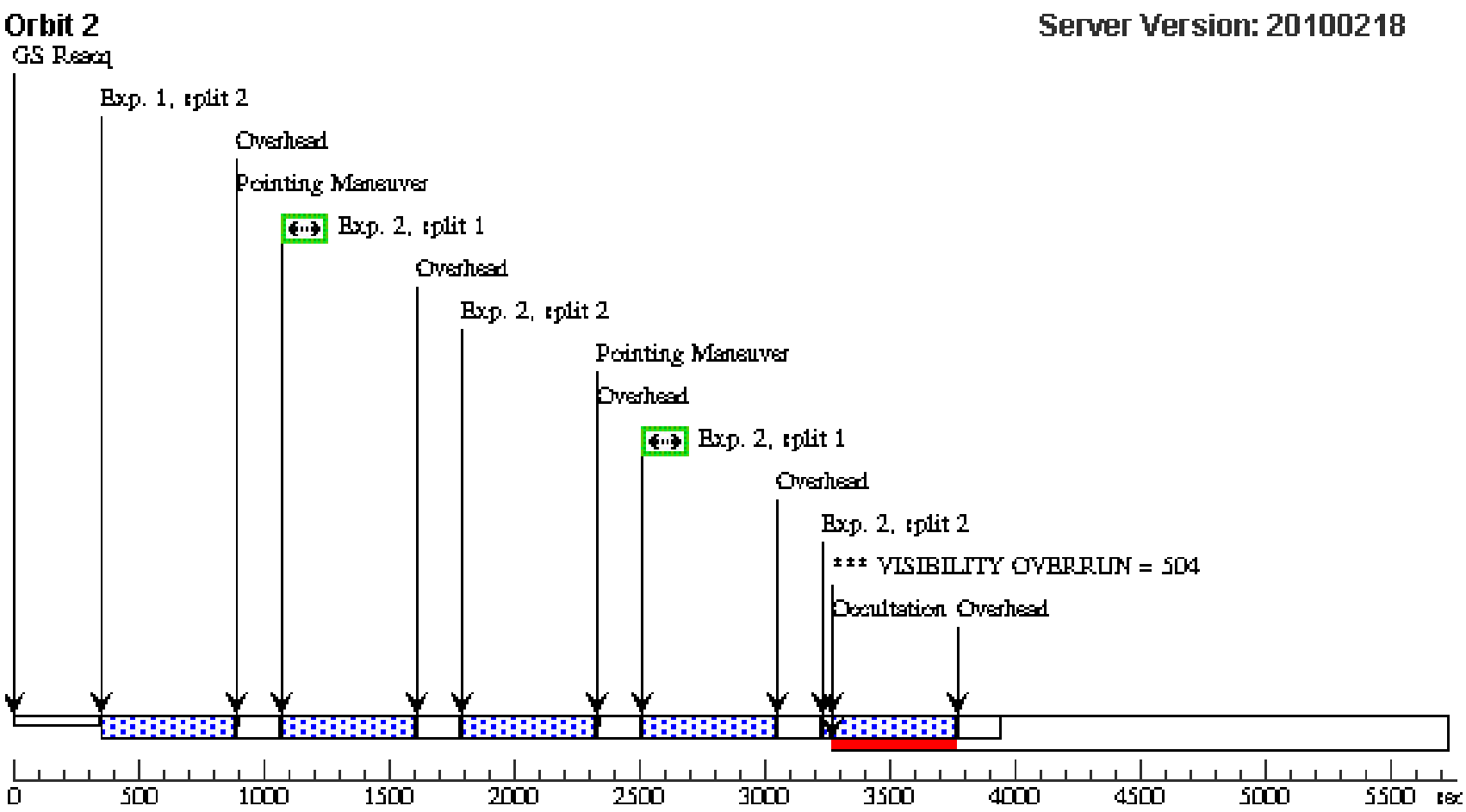
Comments: Im 3.5MPc abs_Rmag -13.6

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) DDO053	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	700.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(1) DDO053	WFPC2, IMAGE, WF3	F656N	CR-SPLIT=NO		Pattern 2, Exps 2-2 (2)	700.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[2]***
								[==>(Pattern 3)]	***[3]***
Comments: 3pt line dither in one orbit									

Orbit Structure




Orbit 2
Server Version: 20100218
GS Reacq
Exp. 1, split 2
Overhead
Pointing Maneuver
Exp. 2, split 1
Overhead
Exp. 2, split 2
Pointing Maneuver
Overhead
Exp. 2, split 1
Overhead
Exp. 2, split 2
*** VISIBILITY OVERRUN = 504
Occultation Overhead
0
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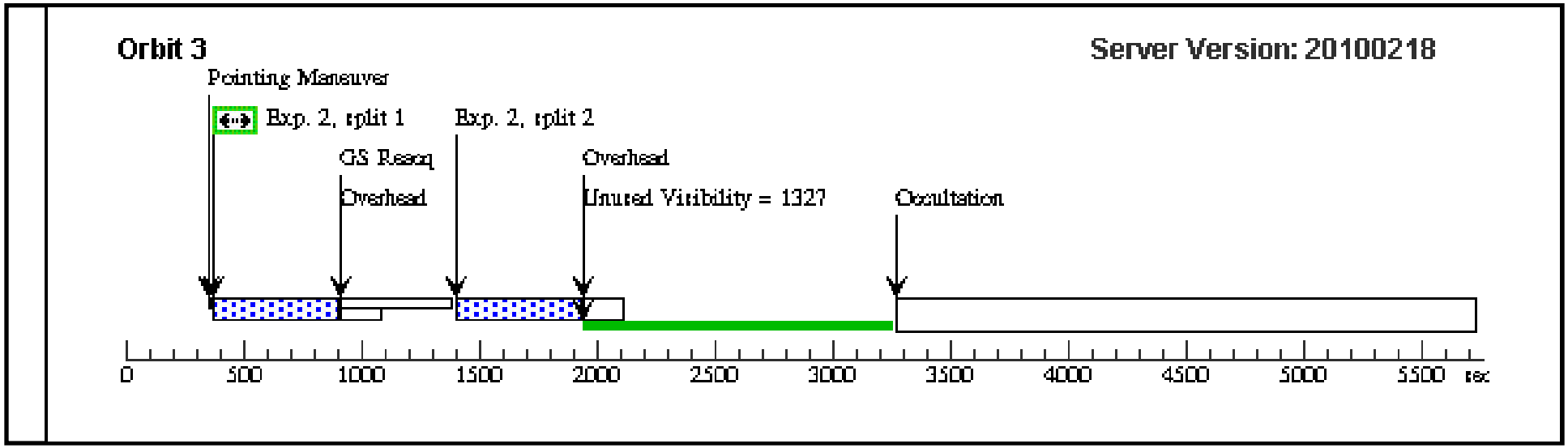
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec


Orbit 3
Server Version: 20100218
Pointing Maneuver
Exp. 2, split 1
Exp. 2, split 2
GS Reacq
Overhead
Overhead
Unused Visibility = 1327
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 02, implementation Fri Apr 16 01:23:57 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): IMAGE is not a valid selection

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): Illegal selection: WFPC2.

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Visit 02) Warning (Orbit Planner): EXPOSURE NOT IN REQUESTED ORBIT

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

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

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

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1), (2)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

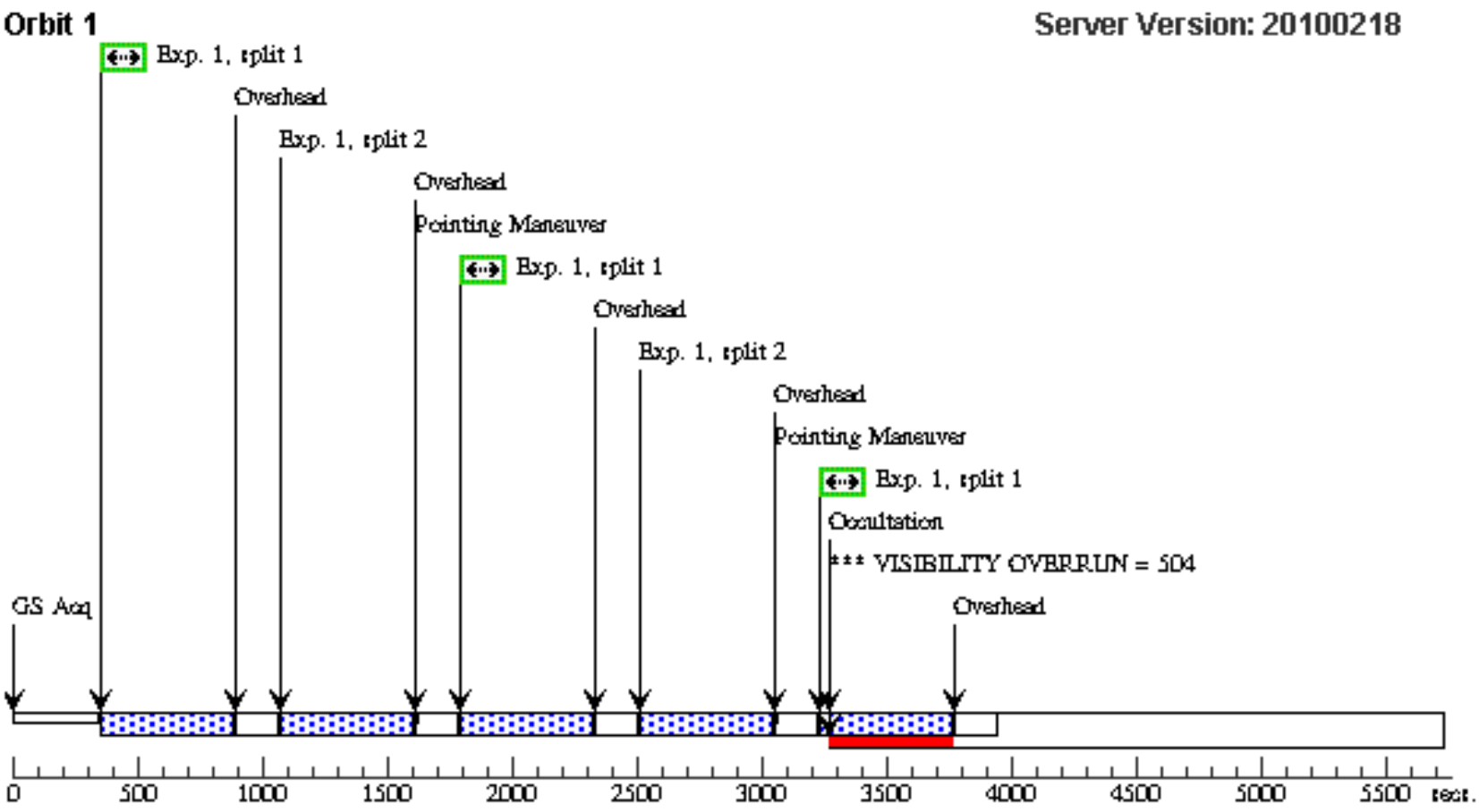
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	DDO165	RA: 13 06 22.9726 (196.5957192d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +67 42 18.60 (67.70517d)			
		Equinox: J2000			

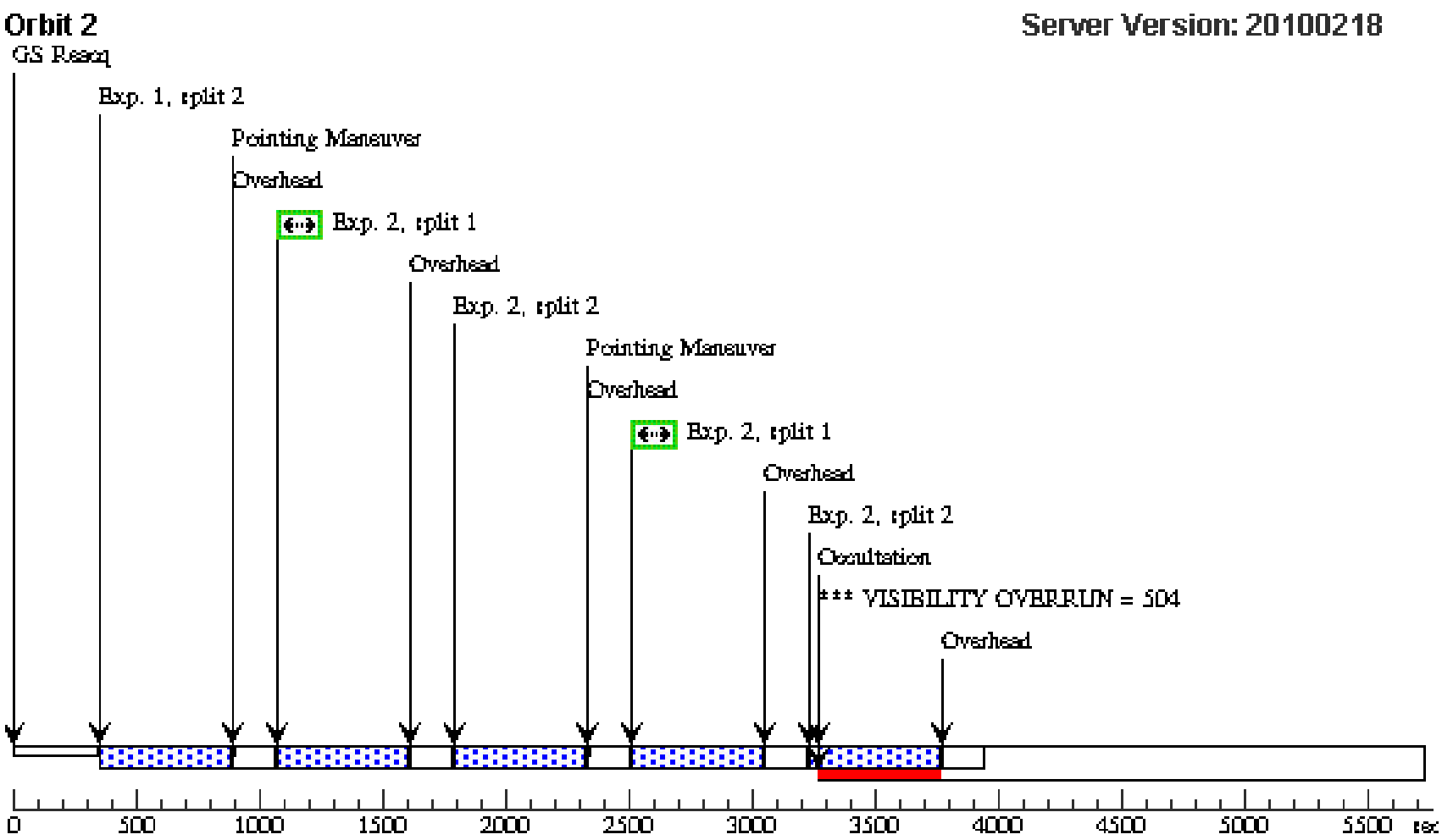
Comments: IM 3.5MPc abs_Rmag -15.3

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(2) DDO165	WFPC2, IMAGE, WFALL	F439W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 2, Exps 1-1 (2)	700.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(2) DDO165	WFPC2, IMAGE, WFALL	F656N	CR-SPLIT=NO		Pattern 2, Exps 2-2 (2)	700.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[2]***
								[==>(Pattern 3)]	***[3]***
Comments: 3pt line dither in one orbit									

Orbit Structure




Orbit 2
Server Version: 20100218
GS Reacq
Exp. 1, split 2
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Overhead
Exp. 2, split 1
Overhead
Exp. 2, split 2
Pointing Maneuver
Overhead
Exp. 2, split 1
Overhead
Exp. 2, split 2
Occultation
*** VISIBILITY OVERRUN = 504
Overhead
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3000
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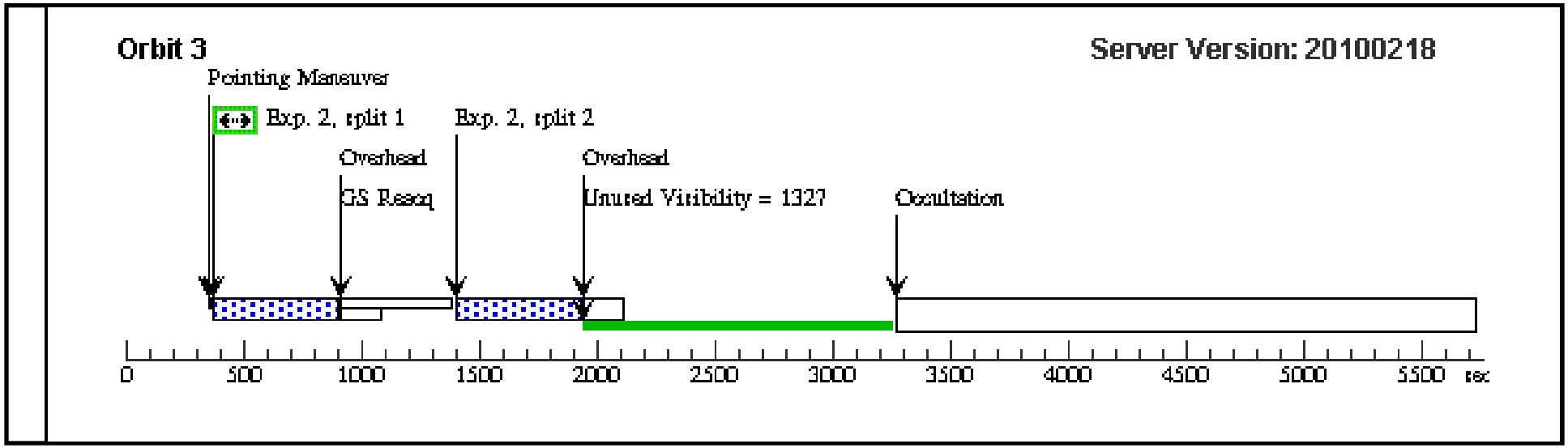

Orbit 3
Server Version: 20100218
Pointing Maneuver
Exp. 2, split 1
Exp. 2, split 2
Overhead
GS Reacq
Overhead
Unused Visibility = 1327
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit		
	Proposal 11987, Visit 03, scheduling	Fri Apr 16 01:24:00 GMT 2010
	Diagnostic Status: Error	
	Scientific Instruments: WFPC2	
	Special Requirements: ORIENT 230D TO 325 D	

Diagnostics	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): Illegal selection: WFPC2. (Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection (Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): IMAGE is not a valid selection (Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 3 (Visit 03)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 3 (Visit 03)) Error (Form): Illegal selection: WFPC2. (Exposure 3 (Visit 03)) Error (Form): CR-SPLIT is not a valid selection (Exposure 3 (Visit 03)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 3 (Visit 03)) Error (Form): IMAGE is not a valid selection (Exposure 4 (Visit 03)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 4 (Visit 03)) Error (Form): IMAGE is not a valid selection (Exposure 4 (Visit 03)) Error (Form): Illegal selection: WFPC2. (Exposure 4 (Visit 03)) Error (Form): CR-SPLIT is not a valid selection (Exposure 4 (Visit 03)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 5 (Visit 03)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 5 (Visit 03)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 5 (Visit 03)) Error (Form): IMAGE is not a valid selection (Exposure 5 (Visit 03)) Error (Form): CR-SPLIT is not a valid selection (Exposure 5 (Visit 03)) Error (Form): Illegal selection: WFPC2. (Exposure 6 (Visit 03)) Error (Form): Illegal selection: WFPC2. (Exposure 6 (Visit 03)) Error (Form): IMAGE is not a valid selection (Exposure 6 (Visit 03)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 6 (Visit 03)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 6 (Visit 03)) Error (Form): CR-SPLIT is not a valid selection (Exposure 7 (Visit 03)) Error (Form): IMAGE is not a valid selection

(Exposure 7 (Visit 03)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 7 (Visit 03)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 7 (Visit 03)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 7 (Visit 03)) Error (Form): Illegal selection: WFPC2.

(Exposure 8 (Visit 03)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 8 (Visit 03)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 8 (Visit 03)) Error (Form): IMAGE is not a valid selection

(Exposure 8 (Visit 03)) Error (Form): Illegal selection: WFPC2.

(Exposure 8 (Visit 03)) Error (Form): CR-SPLIT is not a valid selection

(Visit 03) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 03) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 03) Warning (Orbit Planner): EXPOSURE NOT IN REQUESTED ORBIT

(Visit 03) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 03) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 03) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 03) Warning (Orbit Planner): VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1), (2)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

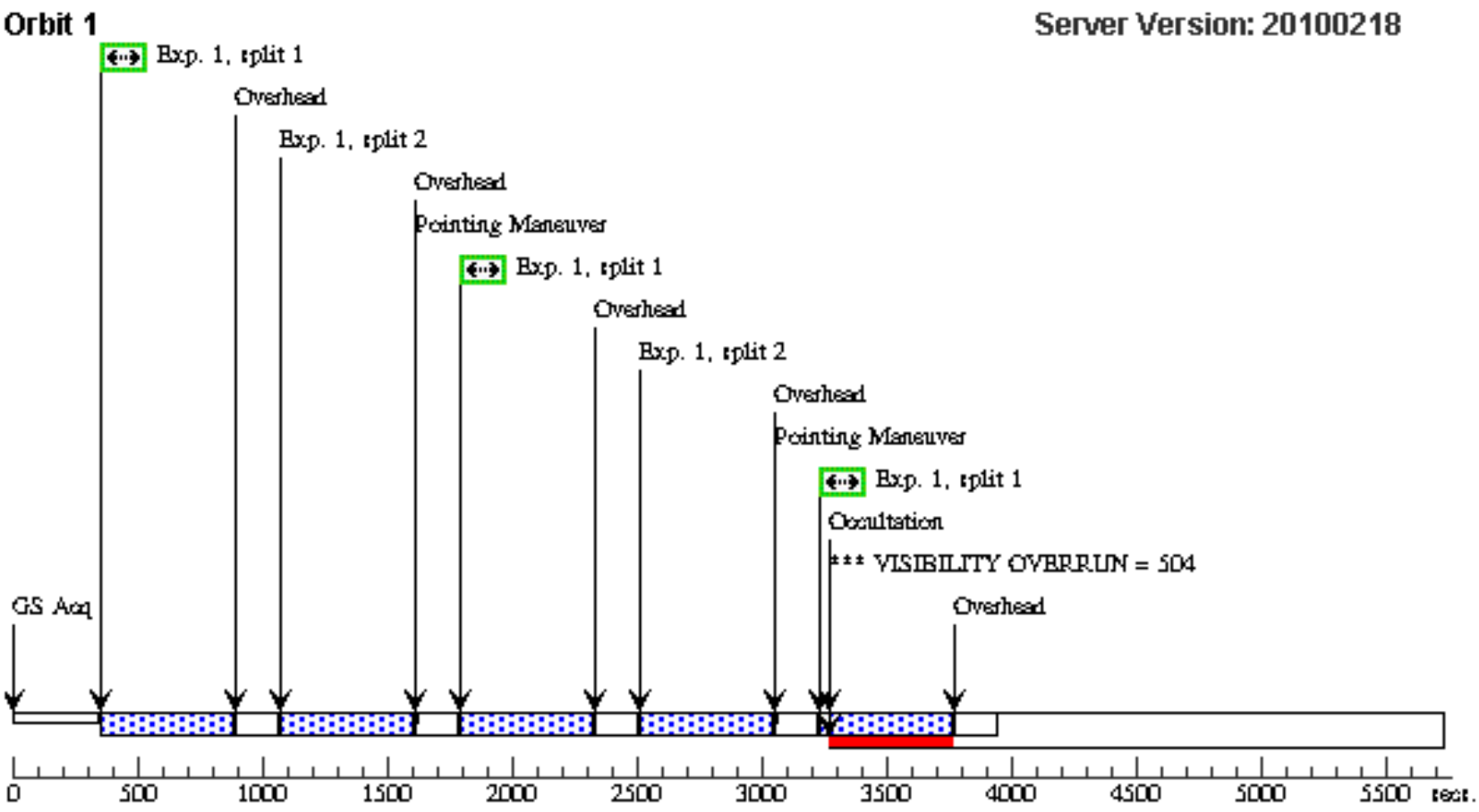
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	IC4710	RA: 18 28 43.7302 (277.1822092d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: -66 59 29.80 (-66.99161d)			
		Equinox: J2000			

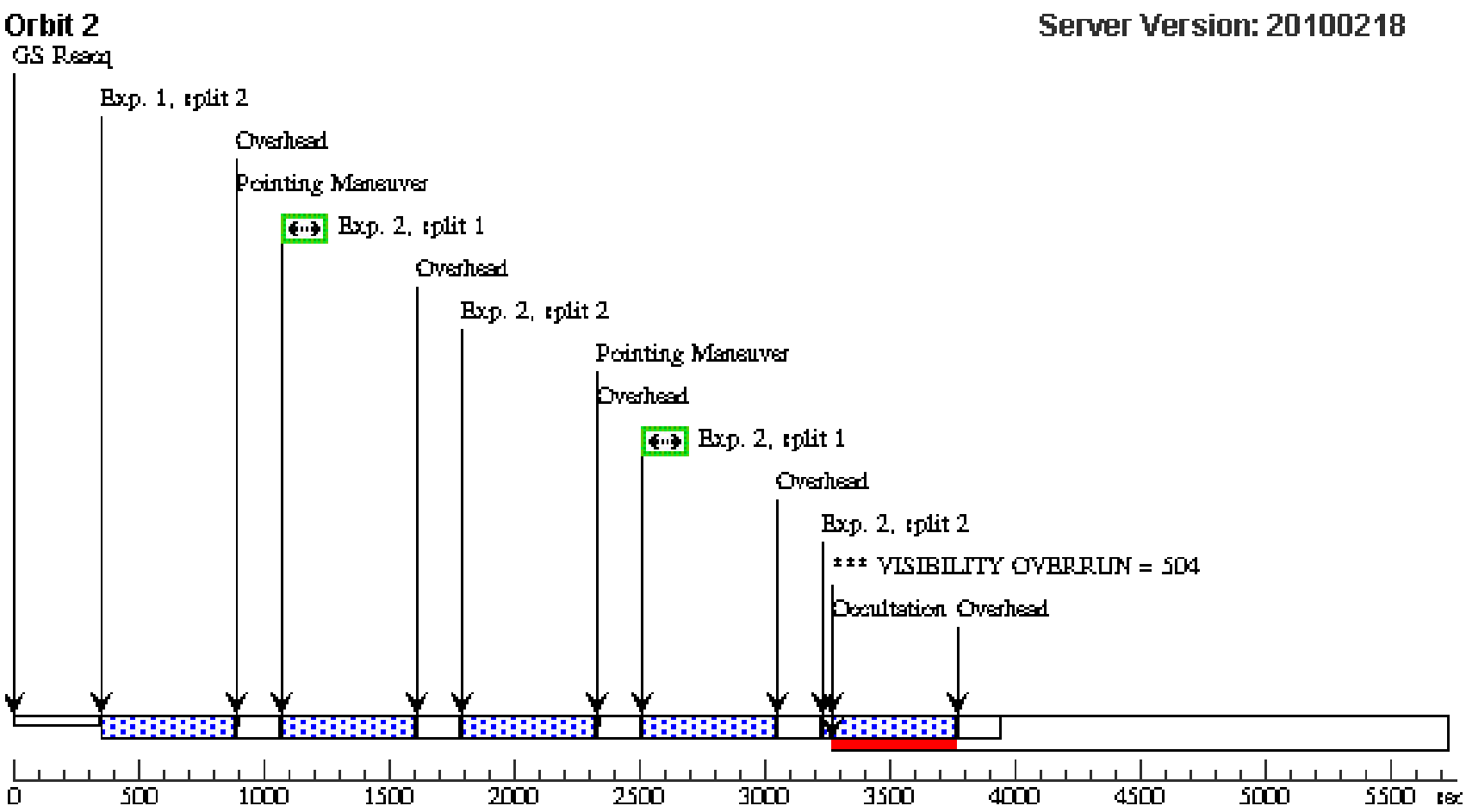
Comments: SBm 8.5MPc abs_Rmag -18.3

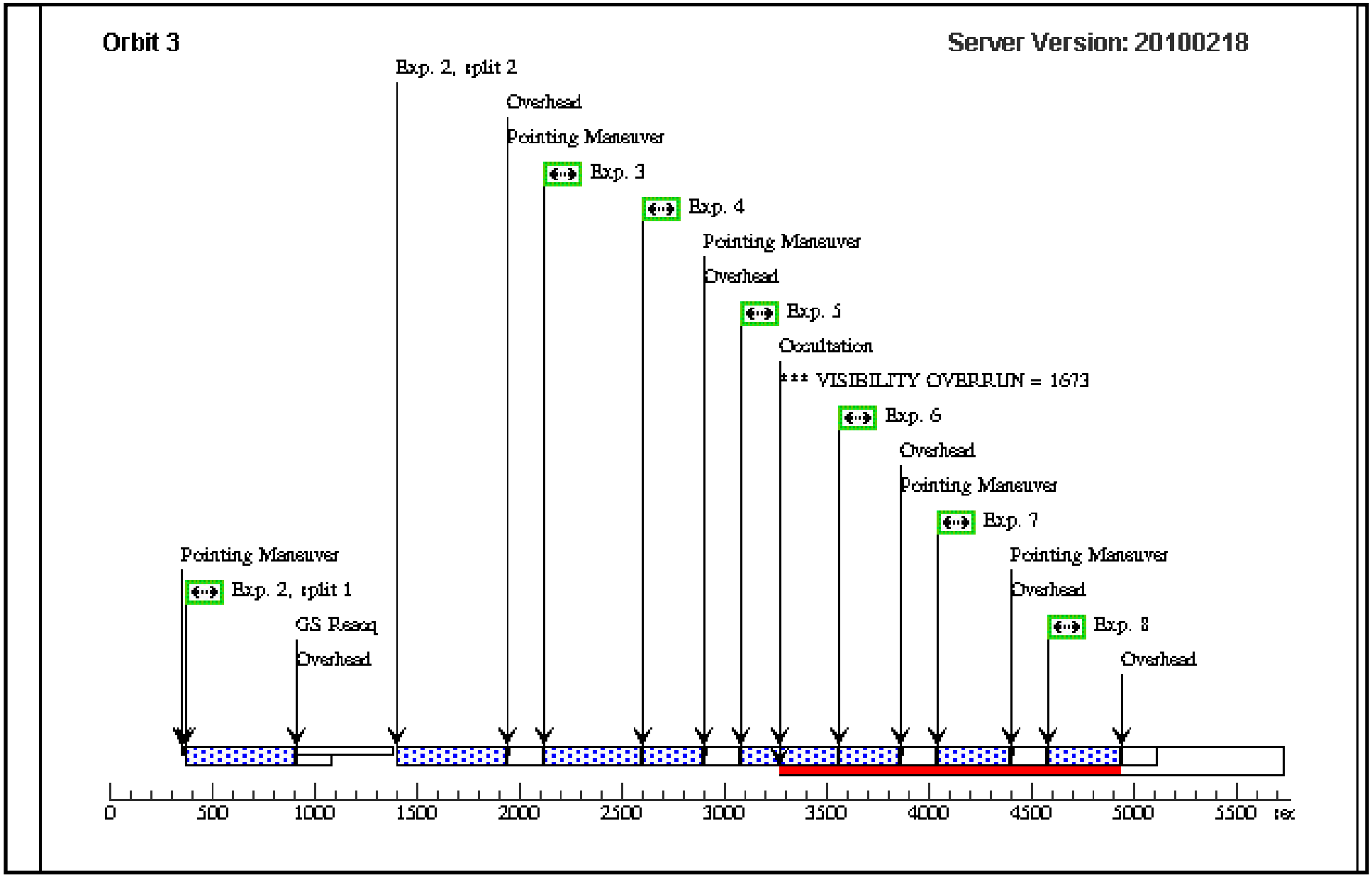
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(3) IC4710	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	700.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(3) IC4710	WFPC2, IMAGE, WF3	F658N	CR-SPLIT=NO		Pattern 2, Exps 2-2 (2)	700.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[2]***
								[==>(Pattern 3)]	***[3]***
Comments: 3pt line dither in one orbit									
3		(3) IC4710	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO			200.0 Secs	
								[==>]	***[3]***
4		(3) IC4710	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO			200.0 Secs	
								[==>]	***[3]***
5		(3) IC4710	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG 0.333,0.333		200.0 Secs	
								[==>]	***[3]***
Comments: POS TARG 0.3330,0.3330									
6		(3) IC4710	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 5		200.0 Secs	
								[==>]	***[3]***
Comments: SAME POS AS 6									
7		(3) IC4710	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG -0.333,-0.333		200.0 Secs	
								[==>]	***[3]***
Comments: POS TARG -0.3330,-0.3330									
8		(3) IC4710	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 5		200.0 Secs	
								[==>]	***[3]***
Comments: SAME POS AS 8									

Orbit Structure




Orbit 2
Server Version: 20100218
GS Reacq
Exp. 1, split 2
Overhead
Pointing Maneuver
Exp. 2, split 1
Overhead
Exp. 2, split 2
Pointing Maneuver
Overhead
Exp. 2, split 1
Overhead
Exp. 2, split 2
*** VISIBILITY OVERRUN = 504
Occultation Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec


Orbit 3
Server Version: 20100218
Exp. 2, split 2
Overhead
Pointing Maneuver
Exp. 3
Exp. 4
Pointing Maneuver
Overhead
Exp. 5
Occultation
*** VISIBILITY OVERRUN = 1673
Exp. 6
Overhead
Pointing Maneuver
Exp. 7
Pointing Maneuver
Overhead
Exp. 8
Overhead
Pointing Maneuver
Exp. 2, split 1
GS Reacq
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500

Visit		
	Proposal 11987, Visit 04, scheduling	Fri Apr 16 01:24:05 GMT 2010
	Diagnostic Status: Error	
	Scientific Instruments: WFPC2	
	Special Requirements: (none)	

Diagnostics	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): IMAGE is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): Illegal selection: WFPC2. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): CR-SPLIT is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): IMAGE is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): Illegal selection: WFPC2. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 4 (Visit 04)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 4 (Visit 04)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 4 (Visit 04)) Error (Form): Illegal selection: WFPC2. (Exposure 4 (Visit 04)) Error (Form): CR-SPLIT is not a valid selection (Exposure 4 (Visit 04)) Error (Form): IMAGE is not a valid selection (Exposure 5 (Visit 04)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 5 (Visit 04)) Error (Form): Illegal selection: WFPC2. (Exposure 5 (Visit 04)) Error (Form): CR-SPLIT is not a valid selection (Exposure 5 (Visit 04)) Error (Form): IMAGE is not a valid selection (Exposure 5 (Visit 04)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 6 (Visit 04)) Error (Form): Illegal selection: WFPC2. (Exposure 6 (Visit 04)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 6 (Visit 04)) Error (Form): CR-SPLIT is not a valid selection (Exposure 6 (Visit 04)) Error (Form): IMAGE is not a valid selection (Exposure 6 (Visit 04)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 7 (Visit 04)) Error (Form): IMAGE is not a valid selection

	(Exposure 7 (Visit 04)) Error (Form): Illegal selection: WFPC2.
	(Exposure 7 (Visit 04)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal.
	(Exposure 7 (Visit 04)) Error (Form): CR-SPLIT is not a valid selection
	(Exposure 7 (Visit 04)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal.
	(Exposure 8 (Visit 04)) Error (Form): Illegal selection: WFPC2.
	(Exposure 8 (Visit 04)) Error (Form): CR-SPLIT is not a valid selection
	(Exposure 8 (Visit 04)) Error (Form): IMAGE is not a valid selection
	(Exposure 8 (Visit 04)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal.
	(Exposure 8 (Visit 04)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal.
	(Exposure 9 (Visit 04)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal.
	(Exposure 9 (Visit 04)) Error (Form): CR-SPLIT is not a valid selection
	(Exposure 9 (Visit 04)) Error (Form): Illegal selection: WFPC2.
	(Exposure 9 (Visit 04)) Error (Form): IMAGE is not a valid selection
	(Exposure 9 (Visit 04)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal.
	(Visit 04) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 04) Warning (Orbit Planner): VISIBILITY OVERRUN
	(Visit 04) Warning (Orbit Planner): VISIBILITY OVERRUN
	(Visit 04) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 04) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 04) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 04) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 04) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 04) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 04) Warning (Orbit Planner): VISIBILITY OVERRUN
	(Visit 04) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017	Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.130102 Center Pattern=false		(2)
(2)	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.4709 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false		(1), (3)

Fixed Targets

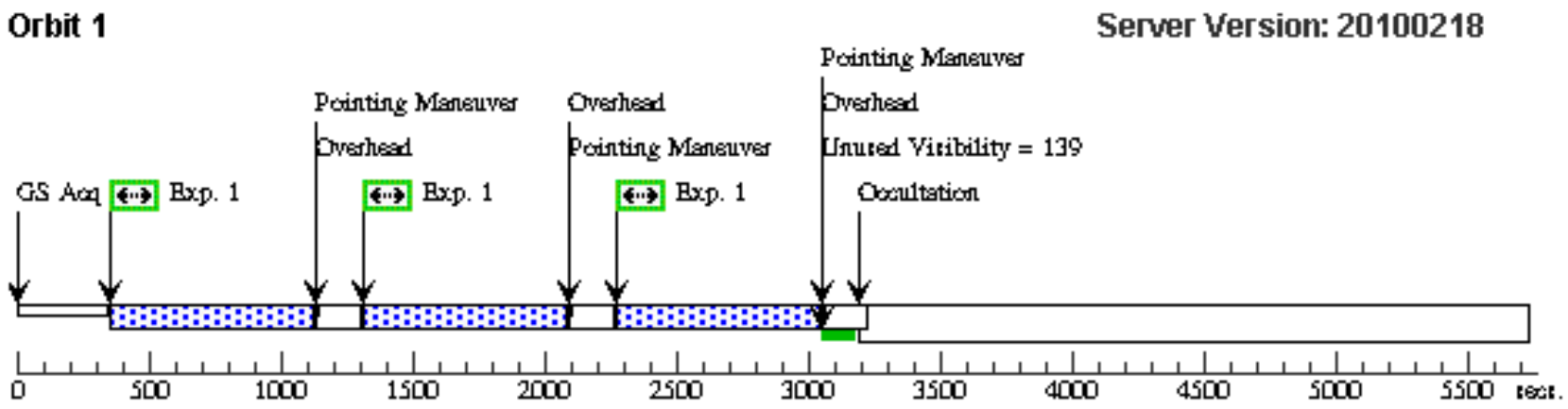
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	MRK33	RA: 10 32 31.9000 (158.1329167d) Dec: +54 24 3.50 (54.40097d) Equinox: J2000		V=20.0+/-1.0	Reference Frame: OTHER

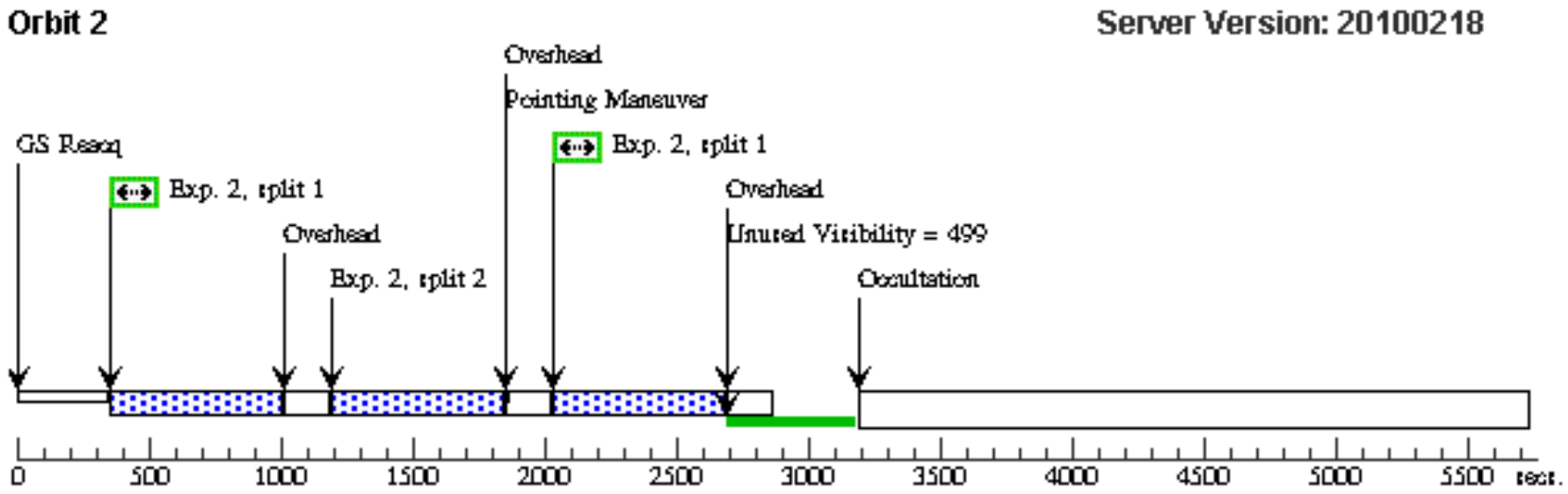
Comments: Im 21.7MPc abs_Rmag -18.4

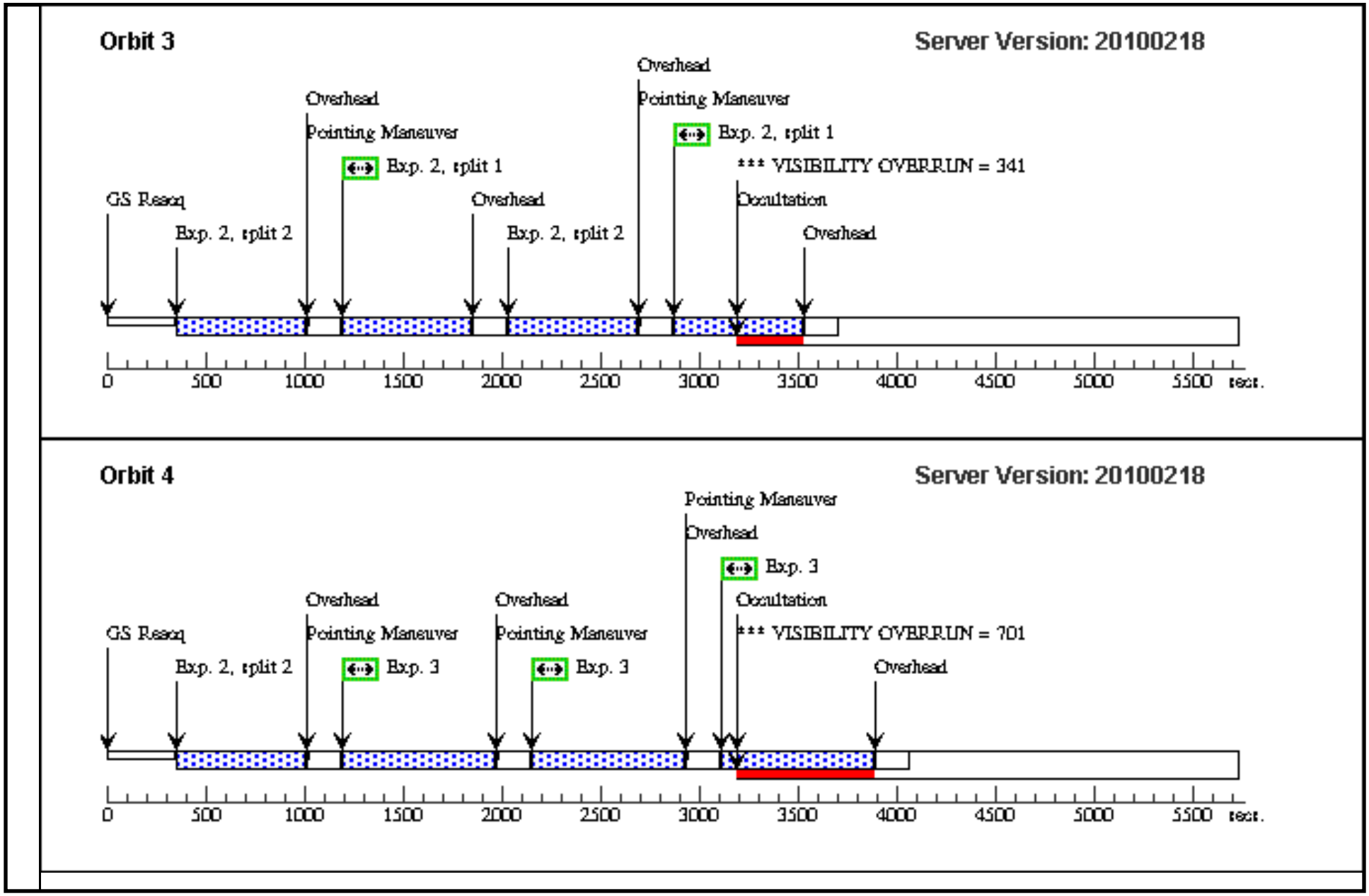
Exposures

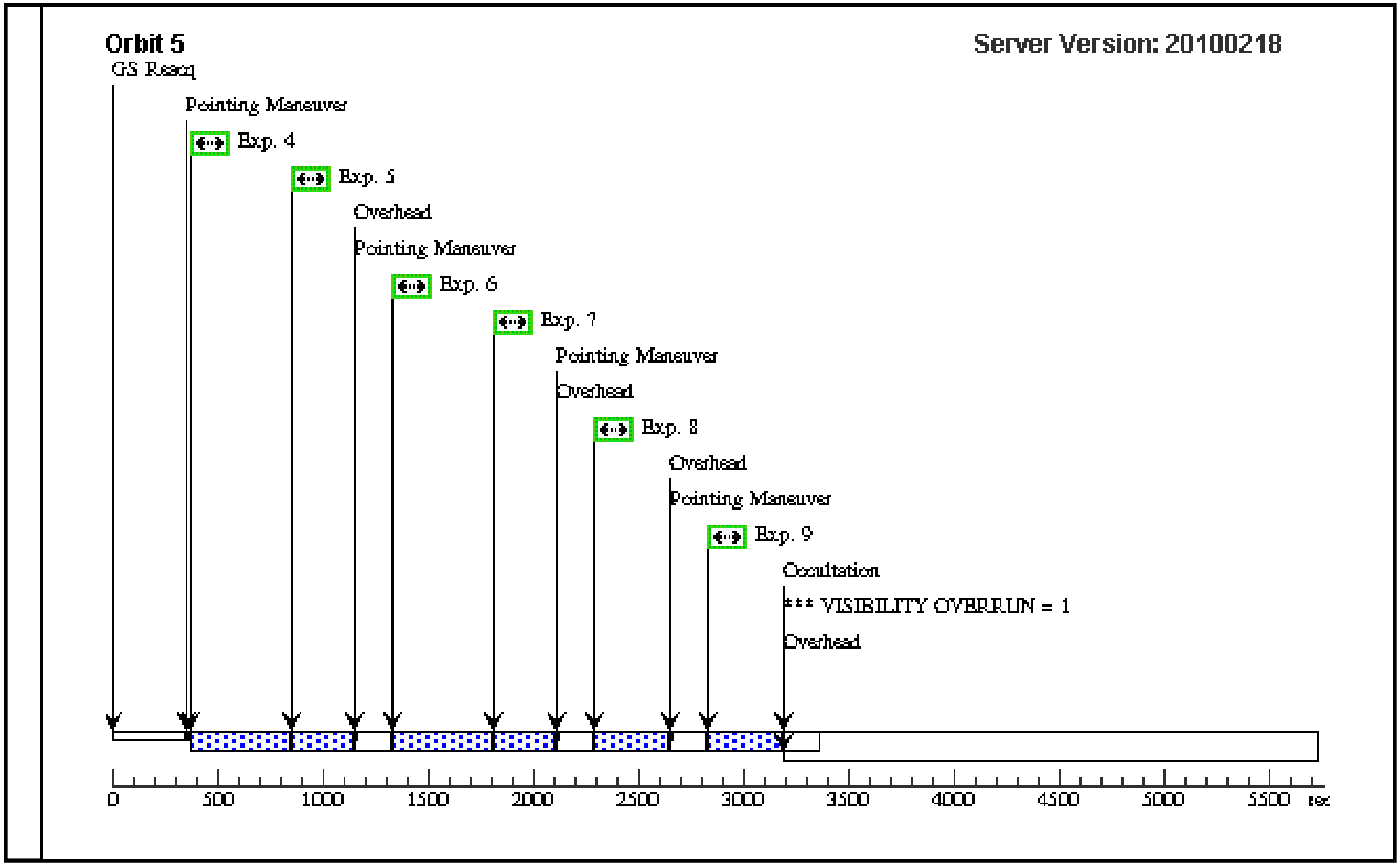
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(4) MRK33	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	600.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(4) MRK33	WFPC2, IMAGE, WF3	F336W	CR-SPLIT=NO		Pattern 1, Exps 2-2 (1)	1100.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[2]***
								[==>(Pattern 3)] *[==>(Pattern 4)]*	***[3]***
Comments: dither box over 2 orbits									
3		(4) MRK33	WFPC2, IMAGE, WF3	F658N	CR-SPLIT=NO		Pattern 2, Exps 3-3 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[4]***
Comments: 3pt line dither in one orbit									
4		(4) MRK33	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO			200.0 Secs	
								[==>]	***[5]***
5		(4) MRK33	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO			200.0 Secs	
								[==>]	***[5]***
6		(4) MRK33	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG 0.333,0.333		200.0 Secs	
								[==>]	***[5]***
Comments: POS TARG 0.3330,0.3330									
7		(4) MRK33	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 6		200.0 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 6									
8		(4) MRK33	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG -0.333,-0.333		200.0 Secs	
								[==>]	***[5]***
Comments: POS TARG -0.3330,-0.3330									
9		(4) MRK33	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 6		200.0 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 8									

Orbit Structure






Orbit 3
Server Version: 20100218
Overhead
Pointing Maneuver
Exp. 2, split 1
*** VISIBILITY OVERRUN = 341
Occultation
Overhead
Pointing Maneuver
Exp. 2, split 1
Overhead
GS Reacq
Exp. 2, split 2
Exp. 2, split 2
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Orbit 4
Server Version: 20100218
Pointing Maneuver
Overhead
Exp. 3
Occultation
*** VISIBILITY OVERRUN = 701
Overhead
Overhead
Pointing Maneuver
Pointing Maneuver
GS Reacq
Exp. 2, split 2
Exp. 3
Exp. 3
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.


Orbit 5
Server Version: 20100218
GS Reacq
Pointing Maneuver
Exp. 4
Exp. 5
Overhead
Pointing Maneuver
Exp. 6
Exp. 7
Pointing Maneuver
Overhead
Exp. 8
Overhead
Pointing Maneuver
Exp. 9
Occultation
*** VISIBILITY OVERRUN = 1
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit		
	Proposal 11987, Visit 05, scheduling	Fri Apr 16 01:24:13 GMT 2010
	Diagnostic Status: Error	
	Scientific Instruments: WFPC2	
	Special Requirements: ORIENT 225D TO 245 D	

Diagnostics	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): Illegal selection: WFPC2. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): IMAGE is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): CR-SPLIT is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): IMAGE is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): Illegal selection: WFPC2. (Exposure 4 (Visit 05)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 4 (Visit 05)) Error (Form): CR-SPLIT is not a valid selection (Exposure 4 (Visit 05)) Error (Form): Illegal selection: WFPC2. (Exposure 4 (Visit 05)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 4 (Visit 05)) Error (Form): IMAGE is not a valid selection (Exposure 5 (Visit 05)) Error (Form): Illegal selection: WFPC2. (Exposure 5 (Visit 05)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 5 (Visit 05)) Error (Form): IMAGE is not a valid selection (Exposure 5 (Visit 05)) Error (Form): CR-SPLIT is not a valid selection (Exposure 5 (Visit 05)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 6 (Visit 05)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 6 (Visit 05)) Error (Form): CR-SPLIT is not a valid selection (Exposure 6 (Visit 05)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 6 (Visit 05)) Error (Form): IMAGE is not a valid selection (Exposure 6 (Visit 05)) Error (Form): Illegal selection: WFPC2.

	(Exposure 7 (Visit 05)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal.
	(Exposure 7 (Visit 05)) Error (Form): CR-SPLIT is not a valid selection
	(Exposure 7 (Visit 05)) Error (Form): Illegal selection: WFPC2.
	(Exposure 7 (Visit 05)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal.
	(Exposure 7 (Visit 05)) Error (Form): IMAGE is not a valid selection
	(Exposure 8 (Visit 05)) Error (Form): Illegal selection: WFPC2.
	(Exposure 8 (Visit 05)) Error (Form): IMAGE is not a valid selection
	(Exposure 8 (Visit 05)) Error (Form): CR-SPLIT is not a valid selection
	(Exposure 8 (Visit 05)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal.
	(Exposure 8 (Visit 05)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal.
	(Exposure 9 (Visit 05)) Error (Form): CR-SPLIT is not a valid selection
	(Exposure 9 (Visit 05)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal.
	(Exposure 9 (Visit 05)) Error (Form): Illegal selection: WFPC2.
	(Exposure 9 (Visit 05)) Error (Form): IMAGE is not a valid selection
	(Exposure 9 (Visit 05)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal.
	(Visit 05) Warning (Orbit Planner): VISIBILITY OVERRUN
	(Visit 05) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 05) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 05) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 05) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 05) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 05) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 05) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 05) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 05) Warning (Orbit Planner): VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017	Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.130102 Center Pattern=false		(2)
(2)	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.4709 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false		(1), (3)

Fixed Targets

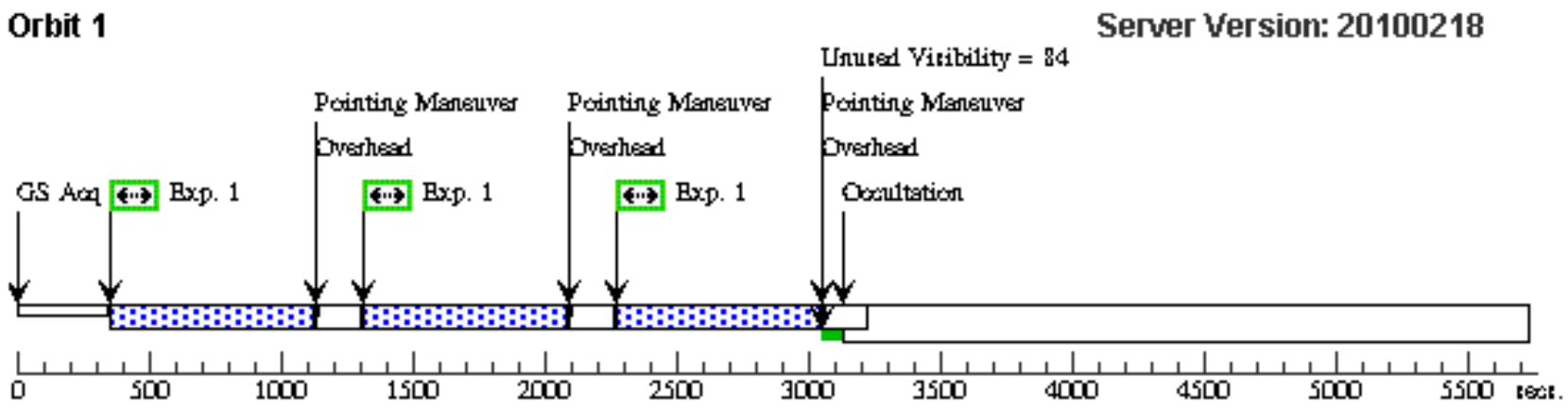
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	NGC0024	RA: 00 09 57.2721 (2.4886338d) Dec: -24 57 36.80 (-24.96022d) Equinox: J2000		V=20.0+/-1.0	Reference Frame: OTHER

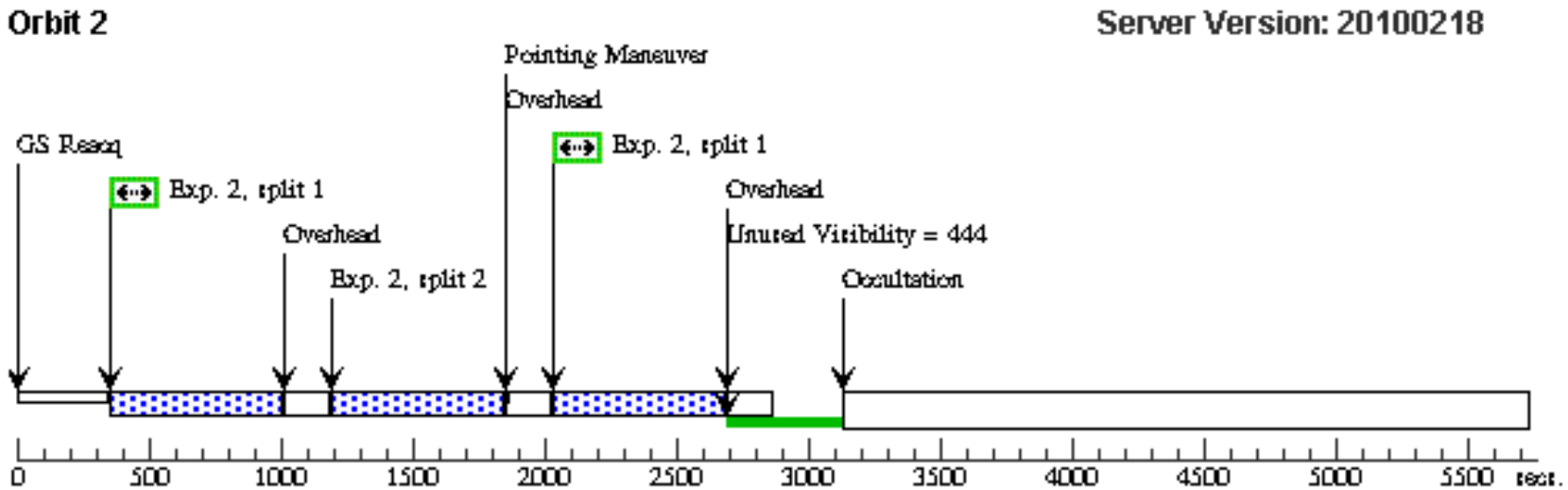
Comments: SAc 8.2MPc abs_Rmag -18.4

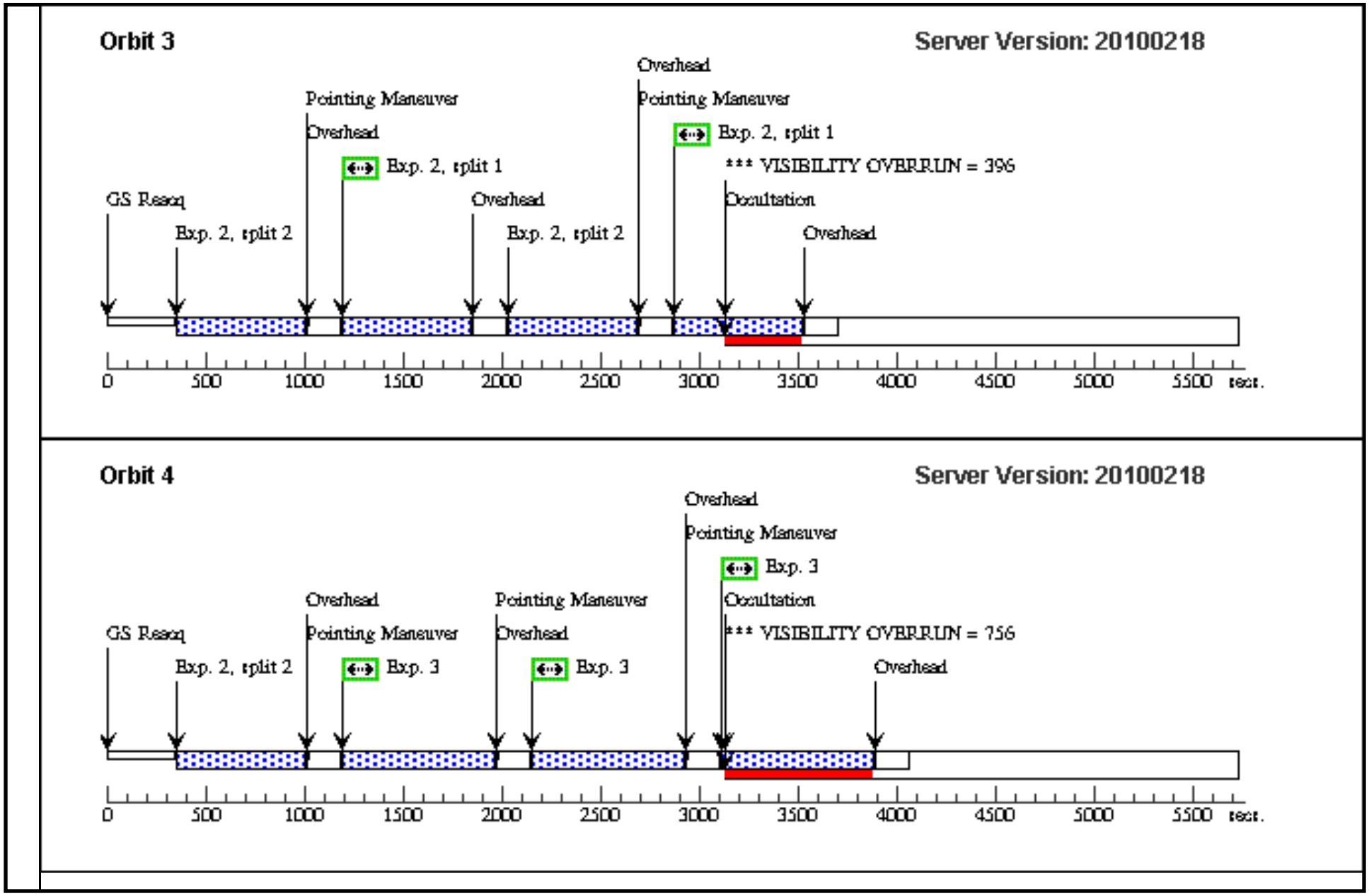
Exposures

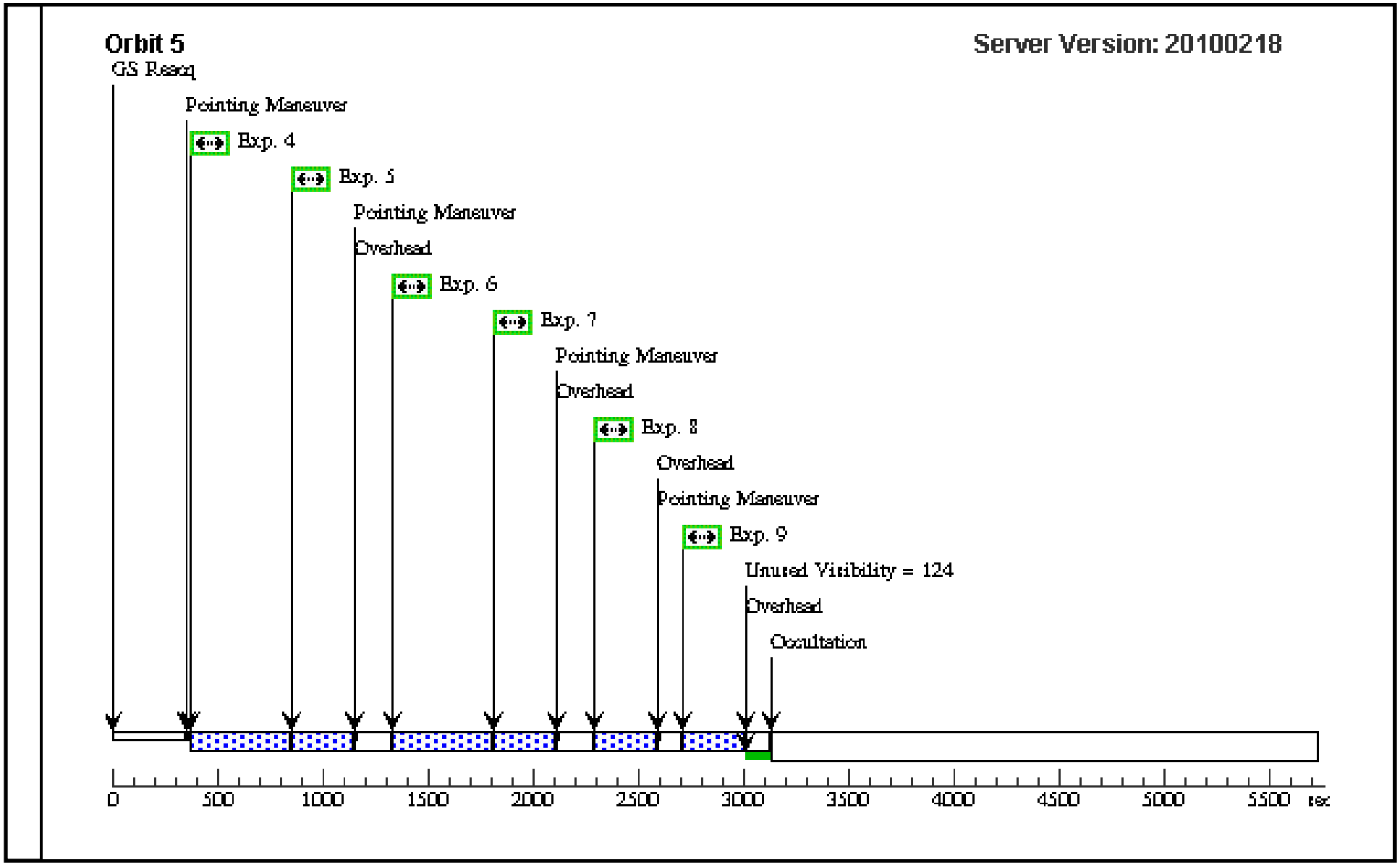
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(5) NGC0024	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(5) NGC0024	WFPC2, IMAGE, WF3	F336W	CR-SPLIT=NO		Pattern 1, Exps 2-2 (1)	1100.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[2]***
								[==>(Pattern 3)] *[==>(Pattern 4)]*	***[3]***
Comments: dither box over 2 orbits									
3		(5) NGC0024	WFPC2, IMAGE, WF3	F656N	CR-SPLIT=NO		Pattern 2, Exps 3-3 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[4]***
Comments: 3pt line dither in one orbit									
4		(5) NGC0024	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO			180 Secs	
								[==>]	***[5]***
5		(5) NGC0024	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO			180 Secs	
								[==>]	***[5]***
6		(5) NGC0024	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG 0.333,0.333		180 Secs	
								[==>]	***[5]***
Comments: POS TARG 0.3330,0.3330									
7		(5) NGC0024	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 6		180 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 6									
8		(5) NGC0024	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG -0.333,-0.333		160 Secs	
								[==>]	***[5]***
Comments: POS TARG -0.3330,-0.3330 *Reduced exp 8 & 9 from 180s to 160s to fit exp 4-9 into one orbit.*									
9		(5) NGC0024	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 6		160 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 8									

Orbit Structure






Orbit 3
Server Version: 20100218
Overhead
Pointing Maneuver
Pointing Maneuver
Overhead
Exp. 2, split 1
Exp. 2, split 1
*** VISIBILITY OVERRUN = 396
GS Reacq
Overhead
Occultation
Exp. 2, split 2
Exp. 2, split 2
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Orbit 4
Server Version: 20100218
Overhead
Pointing Maneuver
Exp. 3
Overhead
Pointing Maneuver
Occultation
GS Reacq
Pointing Maneuver
Overhead
*** VISIBILITY OVERRUN = 756
Exp. 2, split 2
Exp. 3
Exp. 3
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.


Orbit 5
Server Version: 20100218
GS Reacq
Pointing Maneuver
Exp. 4
Exp. 5
Pointing Maneuver
Overhead
Exp. 6
Exp. 7
Pointing Maneuver
Overhead
Exp. 8
Overhead
Pointing Maneuver
Exp. 9
Unused Visibility = 124
Overhead
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 09, implementation Fri Apr 16 01:24:20 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 1, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 1, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 1, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 1, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 1, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): Illegal selection: WFPC2.

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): IMAGE is not a valid selection

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

(Visit 09) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 09) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 09) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

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

(Visit 09) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 09) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 09) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 09) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 09) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017	Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.130102 Center Pattern=false		(1)
(2)	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.4709 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false		(2)

Fixed Targets

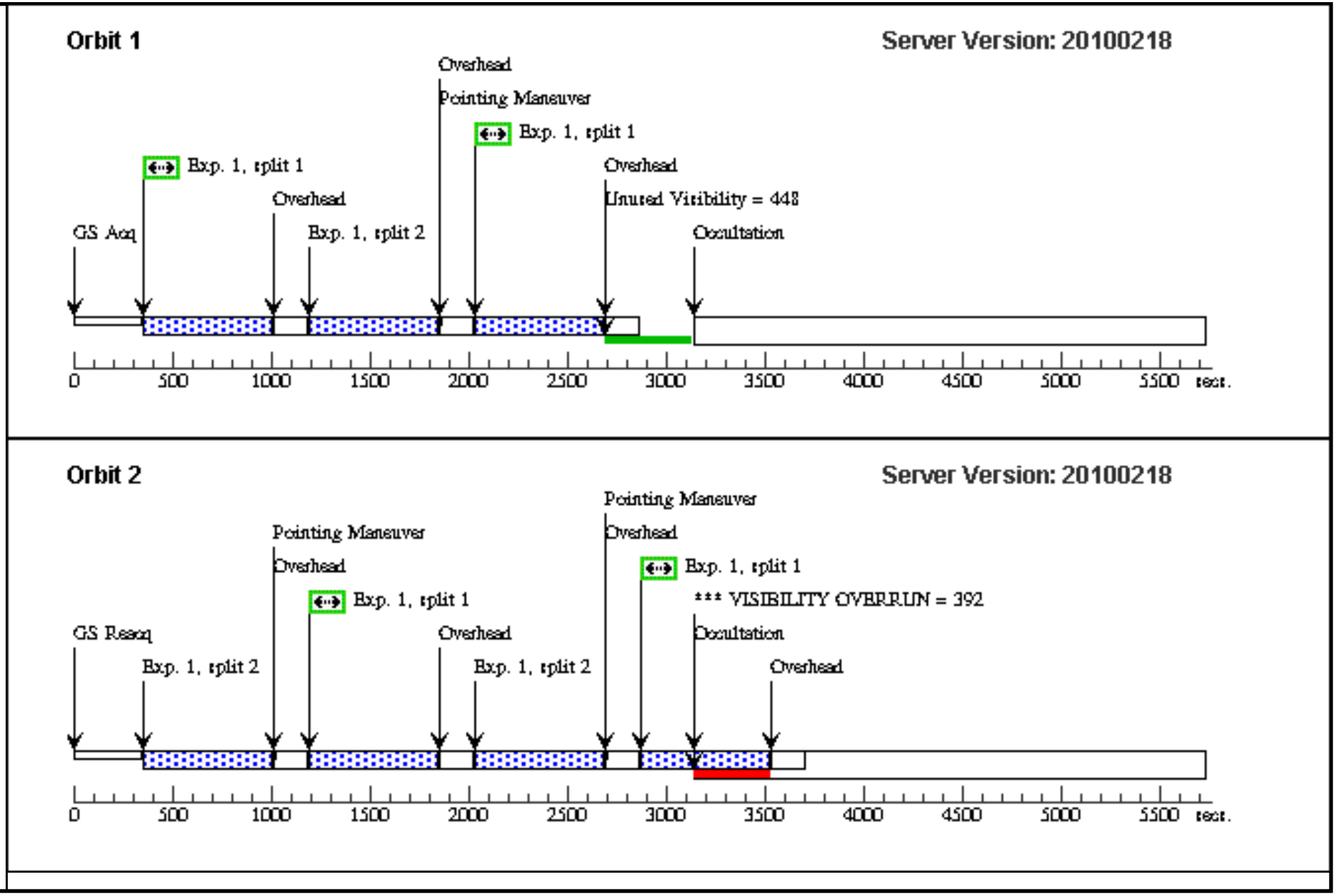
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	NGC0925	RA: 02 27 10.3068 (36.7929450d) Dec: +33 35 37.82 (33.59384d) Equinox: J2000		V=20.0+/-1.0	Reference Frame: OTHER

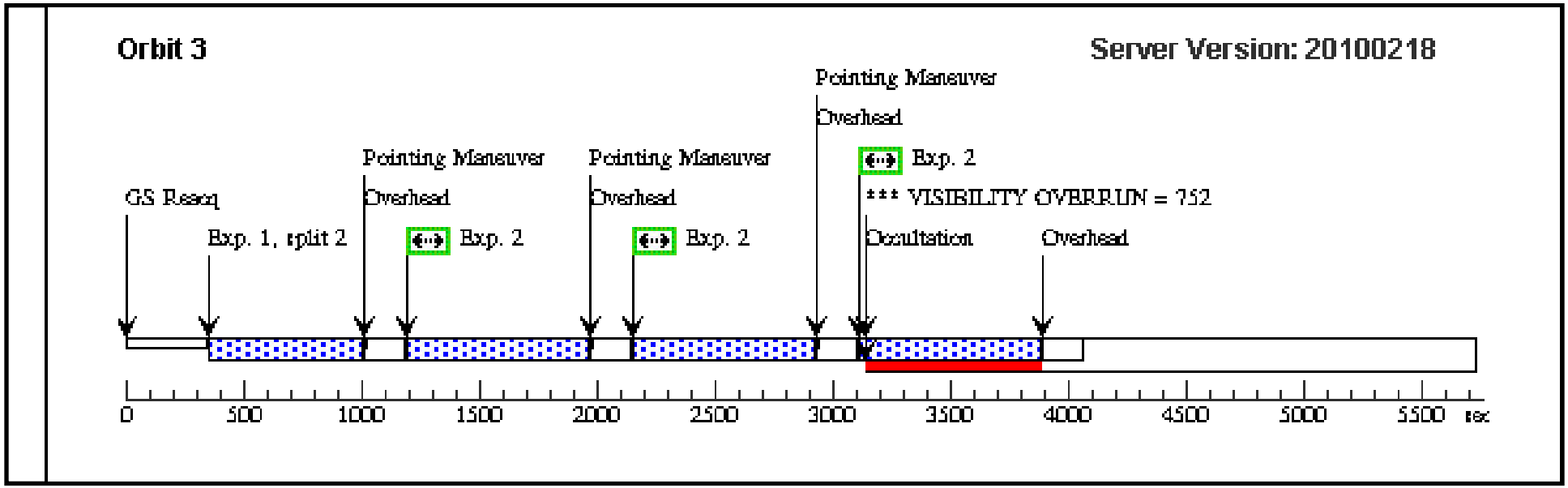
Comments: SABd 10.1MPc abs_Rmag -20.6

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(9) NGC0925	WFPC2, IMAGE, WF3	F336W	CR-SPLIT=NO		Pattern 1, Exps 1-1 (1)	1100.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[1]***
								[==>(Pattern 3)] *[==>(Pattern 4)]*	***[2]***
Comments: dither box over 2 orbits									
2		(9) NGC0925	WFPC2, IMAGE, WF3	F656N	CR-SPLIT=NO		Pattern 2, Exps 2-2 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[3]***
Comments: 3pt line dither in one orbit									

Orbit Structure




Orbit 3
Server Version: 20100218
GS Reacq
Exp. 1, split 2
Pointing Maneuver
Overhead
Exp. 2
Pointing Maneuver
Overhead
Exp. 2
Pointing Maneuver
Overhead
Exp. 2
*** VISIBILITY OVERRUN = 752
Occultation
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 12, implementation Fri Apr 16 01:24:26 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: ORIENT 196D TO 229 D

Diagnostics

(Exposure 1 (Pattern 1, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 1, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 1, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 1, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 1, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): IMAGE is not a valid selection

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): Illegal selection: WFPC2.

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection

(Visit 12) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 12) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 12) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

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

(Visit 12) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 12) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

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

(Visit 12) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 12) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 12) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017	Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.130102 Center Pattern=false		(1)
(2)	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.4709 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false		(2)

Fixed Targets

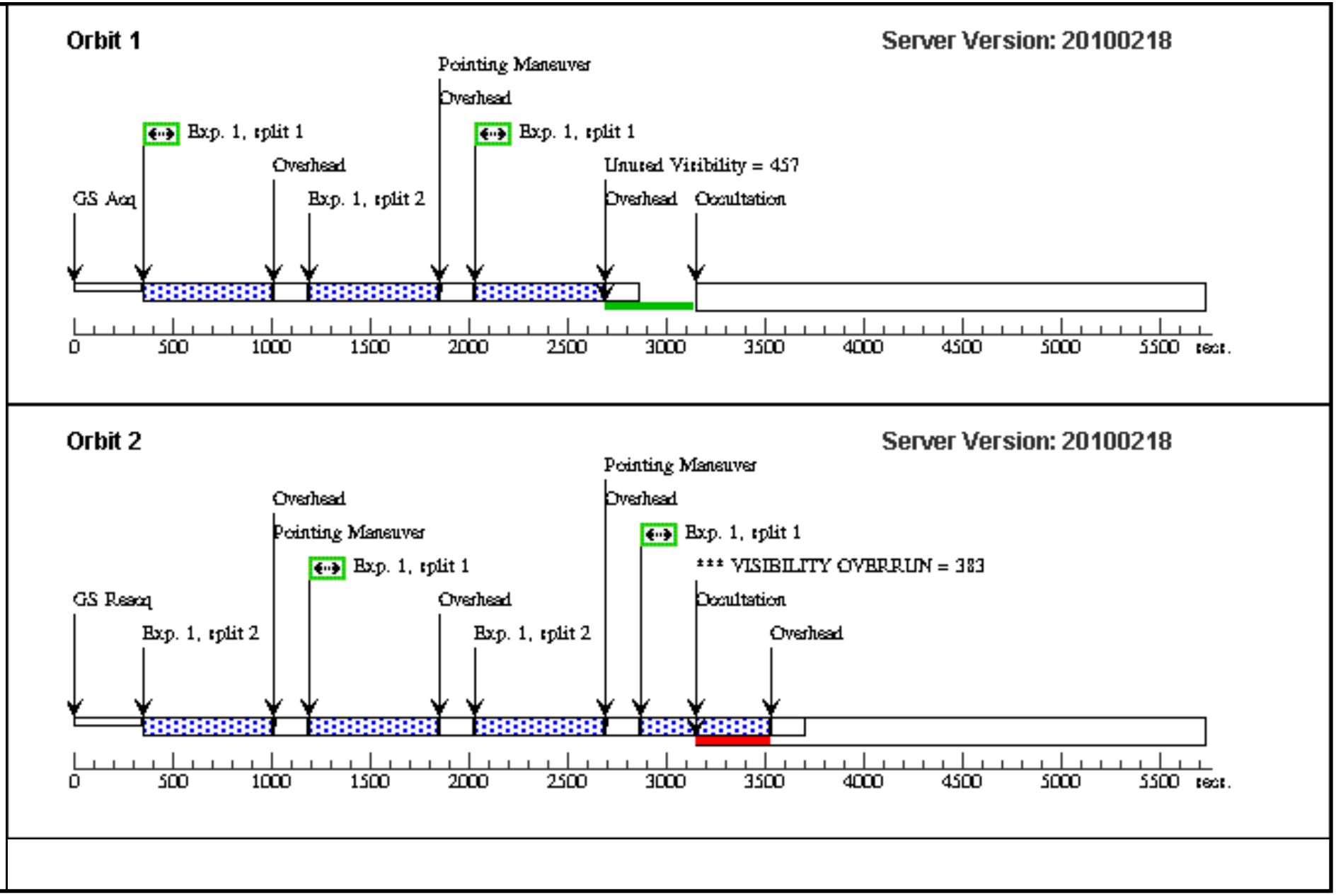
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	NGC1316	RA: 03 22 42.4365 (50.6768187d) Dec: -37 12 14.80 (-37.20411d) Equinox: J2000		V=20.0+/-1.0	Reference Frame: OTHER

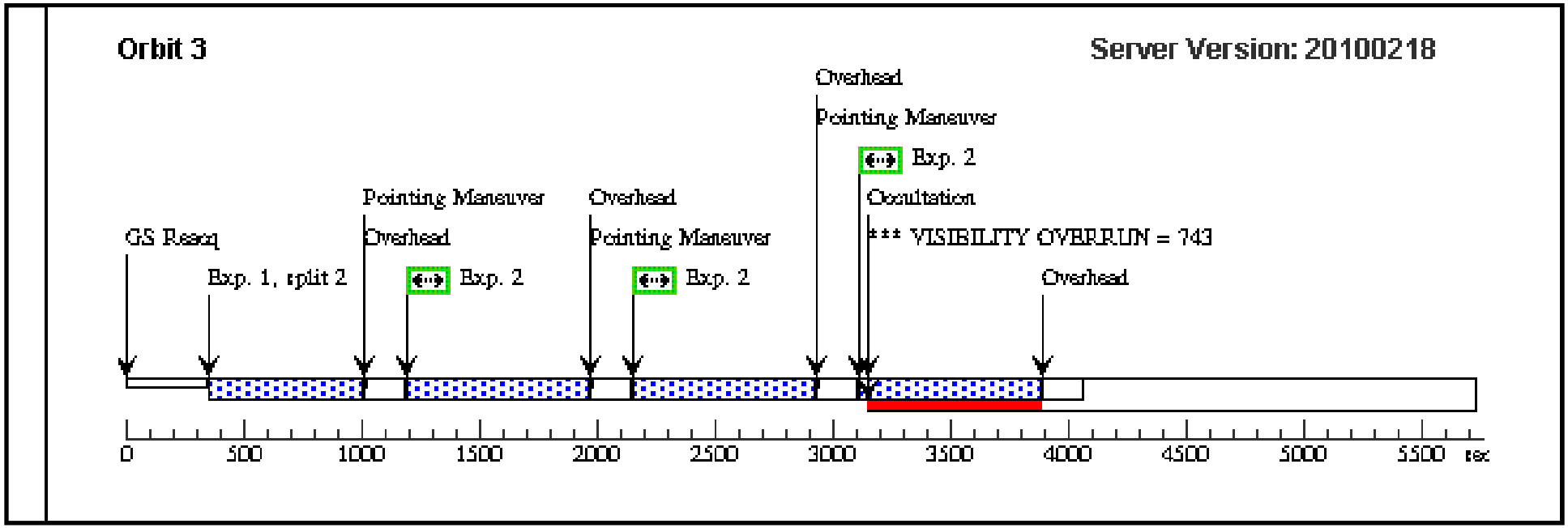
Comments: SAB0 26.3MPc abs_Rmag -23.5

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(12) NGC1316	WFPC2, IMAGE, WF3	F336W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 1, Exps 1-1 (1)	1100.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[1]***
								[==>(Pattern 3)] *[==>(Pattern 4)]*	***[2]***
Comments: dither box over 2 orbits									
2		(12) NGC1316	WFPC2, IMAGE, WF3	F658N	CR-SPLIT=NO		Pattern 2, Exps 2-2 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[3]***
Comments: 3pt line dither in one orbit									

Orbit Structure




Orbit 3
Server Version: 20100218
Overhead
Pointing Maneuver
Exp. 2
Pointing Maneuver
Overhead
Occultation
GS Reacq
Overhead
Pointing Maneuver
*** VISIBILITY OVERRUN = 743
Exp. 1, split 2
Exp. 2
Exp. 2
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 14, scheduling Fri Apr 16 01:24:32 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: ORIENT 141D TO 180 D

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

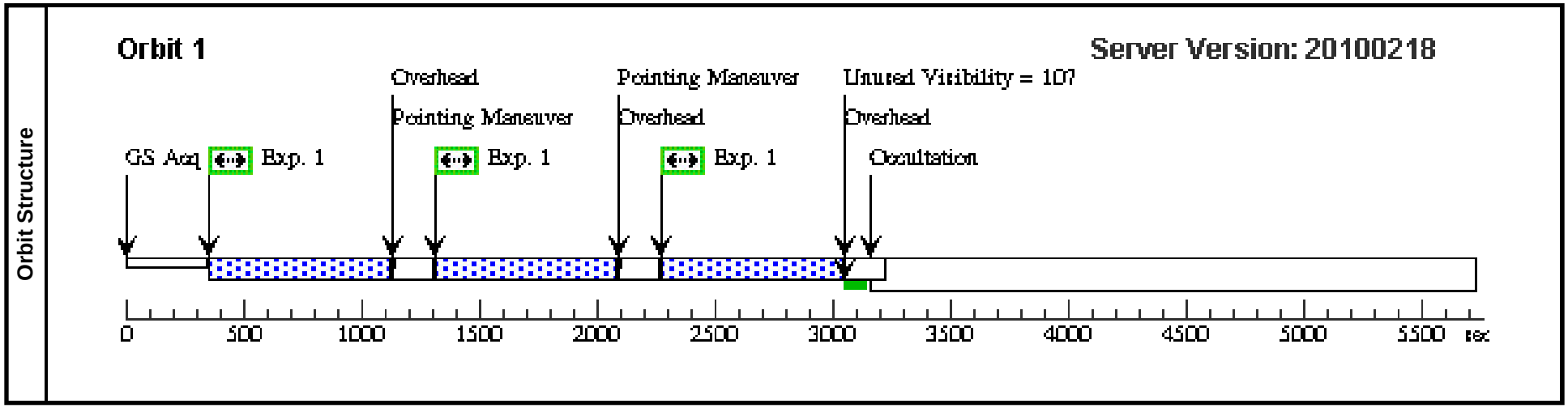
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	NGC1512	RA: 04 03 52.3930 (60.9683042d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: -43 20 43.90 (-43.34553d)			
		Equinox: J2000			

Comments: SBab 10.4MPc abs_Rmag -19.9

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(14) NGC1512	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit


Orbit Structure
Orbit 1
Server Version: 20100218
Overhead
Pointing Maneuver
Pointing Maneuver
Overhead
Unused Visibility = 107
Overhead
GS Acq
Exp. 1
Exp. 1
Exp. 1
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit		
	Proposal 11987, Visit 15, scheduling	Fri Apr 16 01:24:33 GMT 2010
	Diagnostic Status: Error	
	Scientific Instruments: WFPC2	
	Special Requirements: ORIENT 95D TO 190 D	

Diagnostics	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): IMAGE is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): Illegal selection: WFPC2. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): CR-SPLIT is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): Illegal selection: WFPC2. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): IMAGE is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 4 (Visit 15)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 4 (Visit 15)) Error (Form): Illegal selection: WFPC2. (Exposure 4 (Visit 15)) Error (Form): IMAGE is not a valid selection (Exposure 4 (Visit 15)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 4 (Visit 15)) Error (Form): CR-SPLIT is not a valid selection (Exposure 5 (Visit 15)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 5 (Visit 15)) Error (Form): Illegal selection: WFPC2. (Exposure 5 (Visit 15)) Error (Form): IMAGE is not a valid selection (Exposure 5 (Visit 15)) Error (Form): CR-SPLIT is not a valid selection (Exposure 5 (Visit 15)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 6 (Visit 15)) Error (Form): IMAGE is not a valid selection (Exposure 6 (Visit 15)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 6 (Visit 15)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 6 (Visit 15)) Error (Form): CR-SPLIT is not a valid selection (Exposure 6 (Visit 15)) Error (Form): Illegal selection: WFPC2.

(Exposure 7 (Visit 15)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 7 (Visit 15)) Error (Form): Illegal selection: WFPC2.

(Exposure 7 (Visit 15)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 7 (Visit 15)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 7 (Visit 15)) Error (Form): IMAGE is not a valid selection

(Exposure 8 (Visit 15)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 8 (Visit 15)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 8 (Visit 15)) Error (Form): Illegal selection: WFPC2.

(Exposure 8 (Visit 15)) Error (Form): IMAGE is not a valid selection

(Exposure 8 (Visit 15)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 9 (Visit 15)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 9 (Visit 15)) Error (Form): Illegal selection: WFPC2.

(Exposure 9 (Visit 15)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 9 (Visit 15)) Error (Form): IMAGE is not a valid selection

(Exposure 9 (Visit 15)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Visit 15) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 15) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 15) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 15) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 15) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 15) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 15) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 15) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 15) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 15) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 15) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017	Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.130102 Center Pattern=false		(2)
(2)	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.4709 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false		(1), (3)

Fixed Targets

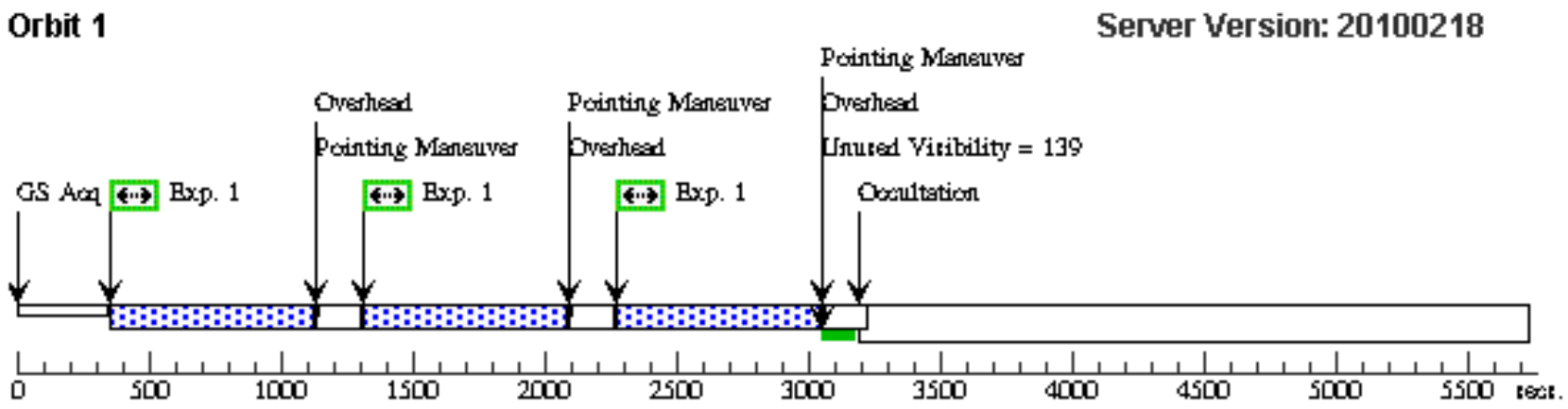
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	NGC1566	RA: 04 20 1.0039 (65.0041829d) Dec: -54 55 58.10 (-54.93281d) Equinox: J2000		V=20.0+/-1.0	Reference Frame: OTHER

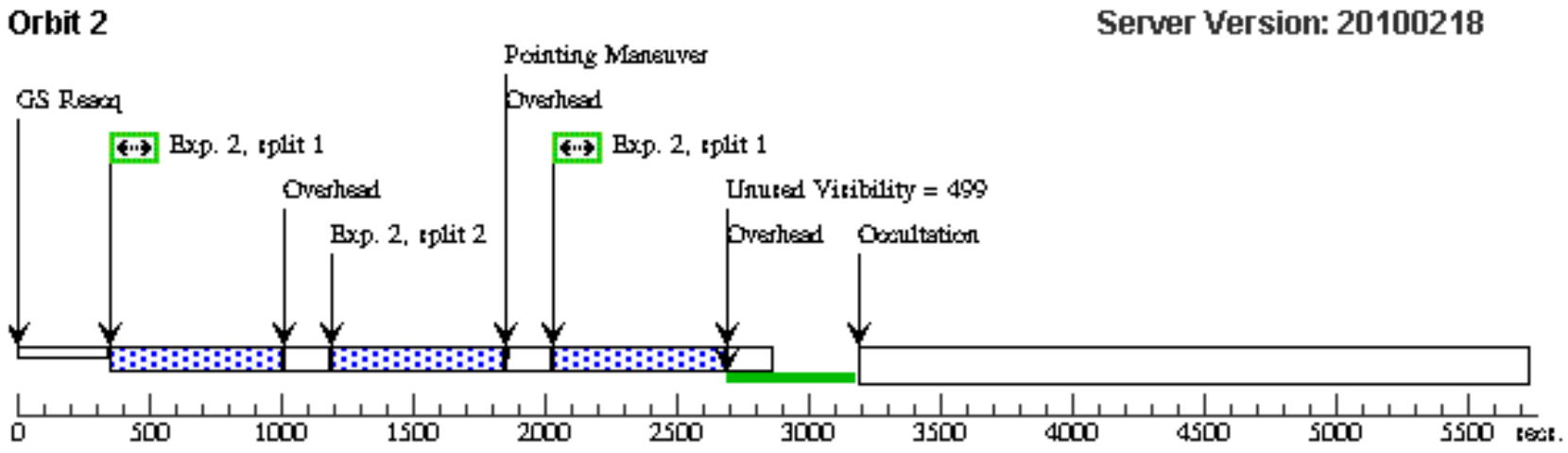
Comments: SABbc 18.MPc abs_Rmag -21.9

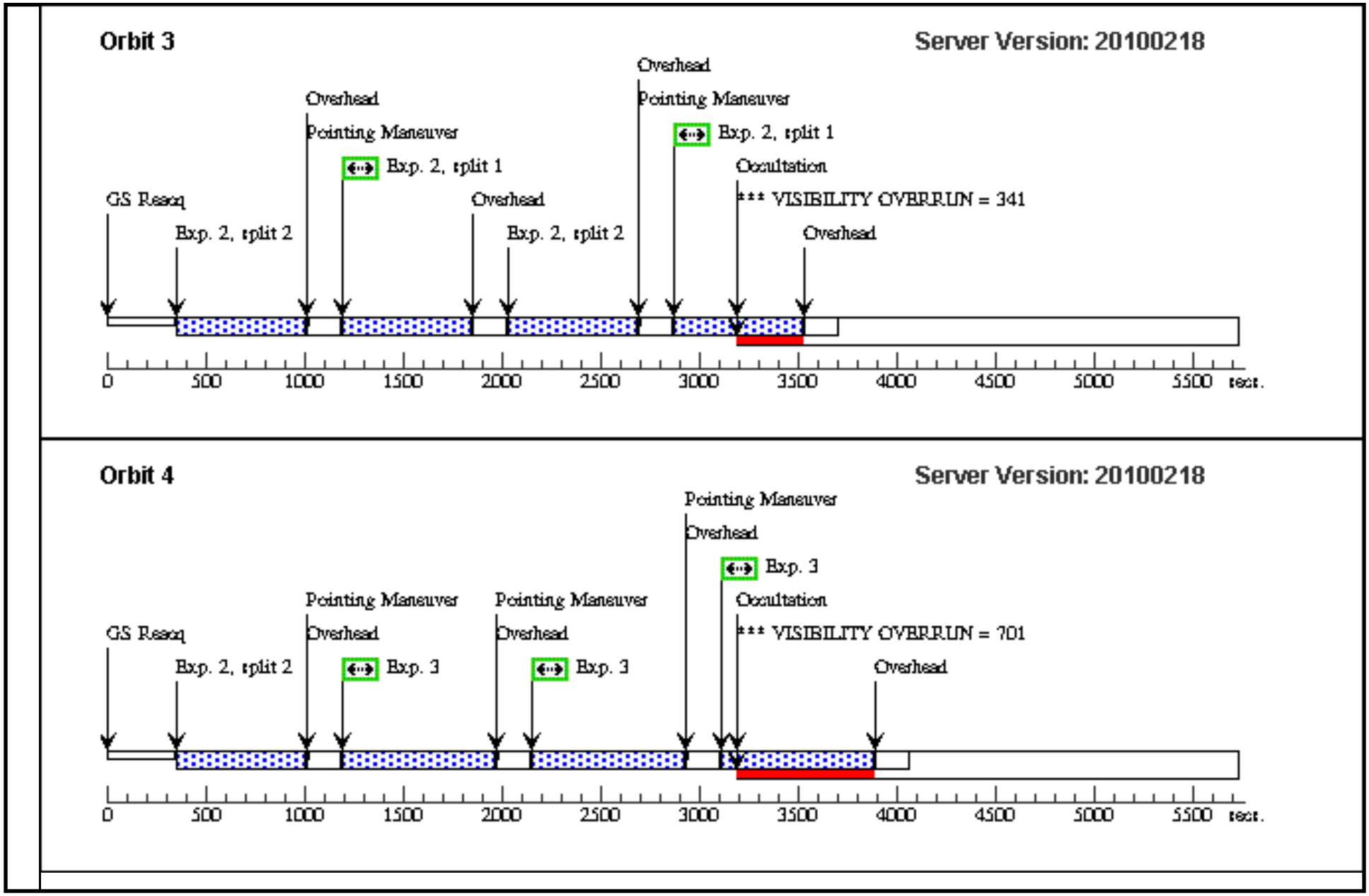
Exposures

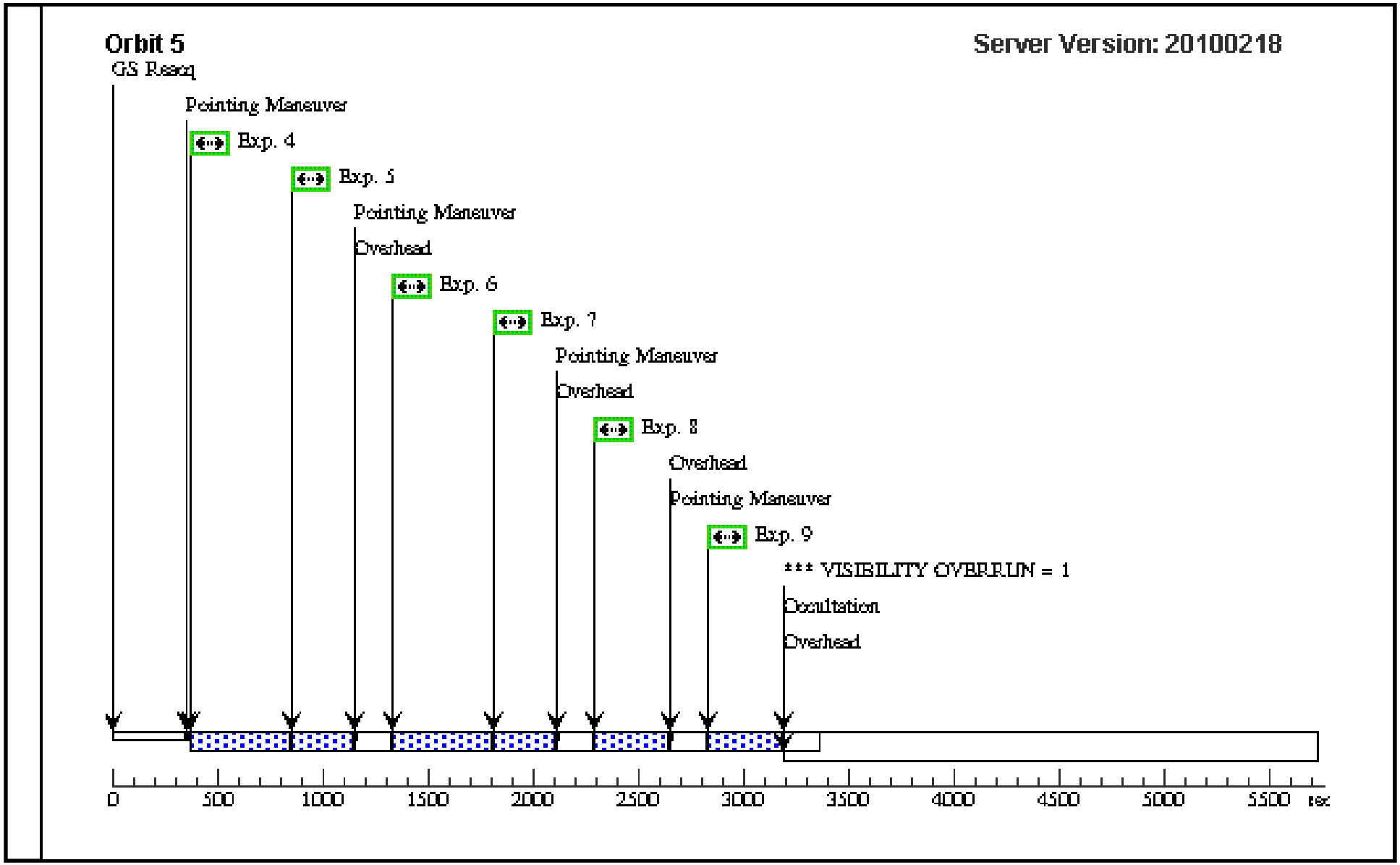
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(15) NGC1566	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(15) NGC1566	WFPC2, IMAGE, WF3	F336W	CR-SPLIT=NO		Pattern 1, Exps 2-2 (1)	1100.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[2]***
								[==>(Pattern 3)] *[==>(Pattern 4)]*	***[3]***
Comments: dither box over 2 orbits									
3		(15) NGC1566	WFPC2, IMAGE, WF3	F658N	CR-SPLIT=NO		Pattern 2, Exps 3-3 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[4]***
Comments: 3pt line dither in one orbit									
4		(15) NGC1566	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO			200.0 Secs	
								[==>]	***[5]***
5		(15) NGC1566	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO			200.0 Secs	
								[==>]	***[5]***
6		(15) NGC1566	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG 0.333,0.333		200.0 Secs	
								[==>]	***[5]***
Comments: POS TARG 0.3330,0.3330									
7		(15) NGC1566	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 6		200.0 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 6									
8		(15) NGC1566	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG -0.333,-0.333		200.0 Secs	
								[==>]	***[5]***
Comments: POS TARG -0.3330,-0.3330									
9		(15) NGC1566	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 6		200.0 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 8									

Orbit Structure






Orbit 3
Server Version: 20100218
Overhead
Pointing Maneuver
Exp. 2, split 1
Occultation
*** VISIBILITY OVERRUN = 341
Overhead
Pointing Maneuver
Exp. 2, split 1
Overhead
GS Reacq
Exp. 2, split 2
Exp. 2, split 2
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Orbit 4
Server Version: 20100218
Pointing Maneuver
Overhead
Exp. 3
Occultation
*** VISIBILITY OVERRUN = 701
Overhead
Pointing Maneuver
Overhead
Exp. 3
Pointing Maneuver
Overhead
Exp. 3
GS Reacq
Exp. 2, split 2
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.


Orbit 5
Server Version: 20100218
GS Reacq
Pointing Maneuver
Exp. 4
Exp. 5
Pointing Maneuver
Overhead
Exp. 6
Exp. 7
Pointing Maneuver
Overhead
Exp. 8
Overhead
Pointing Maneuver
Exp. 9
*** VISIBILITY OVERRUN = 1
Occultation
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 16, scheduling Fri Apr 16 01:24:40 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: ORIENT 90D TO 180 D

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

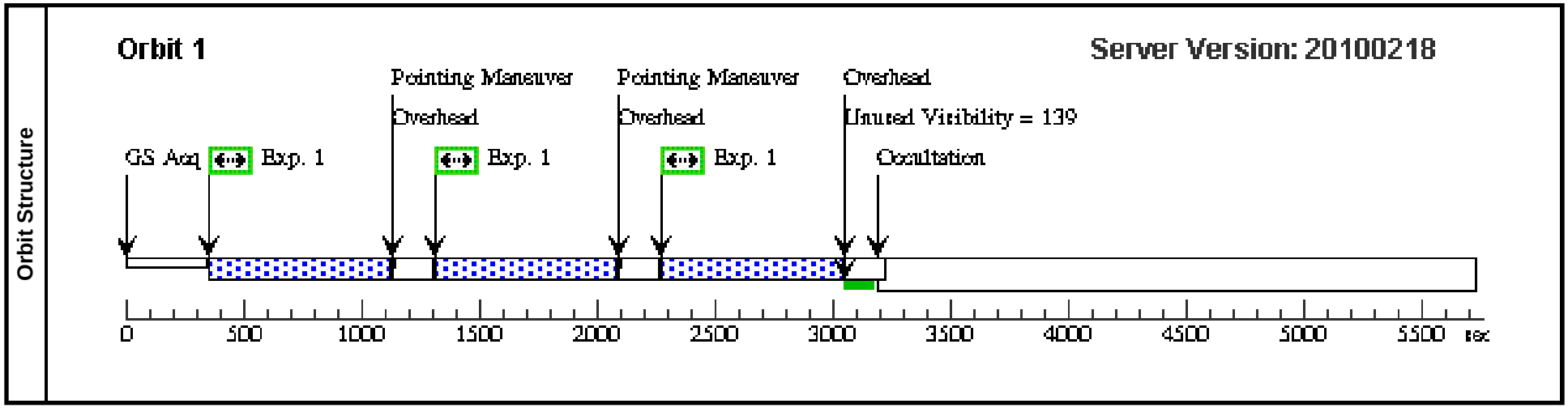
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	NGC1705	RA: 04 54 13.7234 (73.5571808d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: -53 21 41.80 (-53.36161d)			
		Equinox: J2000			

Comments: Am 5.8MPc abs_Rmag -16.7

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(16) NGC1705	WFPC2, IMAGE, WF3	F658N	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit


Orbit Structure
Orbit 1
Server Version: 20100218
Pointing Maneuver
Overhead
Pointing Maneuver
Overhead
Overhead
Unused Visibility = 139
GS Acq
Exp. 1
Exp. 1
Exp. 1
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit		
	Proposal 11987, Visit 18, implementation	Fri Apr 16 01:24:40 GMT 2010
	Diagnostic Status: Error	
	Scientific Instruments: WFPC2	
	Special Requirements: (none)	

Diagnostics	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection
	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection
	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal.
	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal.
	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.
	(Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal.
	(Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): IMAGE is not a valid selection
	(Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal.
	(Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection
	(Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): Illegal selection: WFPC2.
	(Exposure 3 (Visit 18)) Error (Form): Illegal selection: WFPC2.
	(Exposure 3 (Visit 18)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal.
	(Exposure 3 (Visit 18)) Error (Form): CR-SPLIT is not a valid selection
	(Exposure 3 (Visit 18)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal.
	(Exposure 3 (Visit 18)) Error (Form): IMAGE is not a valid selection
	(Exposure 4 (Visit 18)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal.
	(Exposure 4 (Visit 18)) Error (Form): CR-SPLIT is not a valid selection
	(Exposure 4 (Visit 18)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal.
	(Exposure 4 (Visit 18)) Error (Form): Illegal selection: WFPC2.
	(Exposure 4 (Visit 18)) Error (Form): IMAGE is not a valid selection
	(Exposure 5 (Visit 18)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal.
	(Exposure 5 (Visit 18)) Error (Form): CR-SPLIT is not a valid selection
	(Exposure 5 (Visit 18)) Error (Form): Illegal selection: WFPC2.
	(Exposure 5 (Visit 18)) Error (Form): IMAGE is not a valid selection
	(Exposure 5 (Visit 18)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal.
	(Exposure 6 (Visit 18)) Error (Form): CR-SPLIT is not a valid selection
	(Exposure 6 (Visit 18)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal.
	(Exposure 6 (Visit 18)) Error (Form): Illegal selection: WFPC2.
	(Exposure 6 (Visit 18)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal.
	(Exposure 6 (Visit 18)) Error (Form): IMAGE is not a valid selection
	(Exposure 7 (Visit 18)) Error (Form): Illegal selection: WFPC2.

(Exposure 7 (Visit 18)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 7 (Visit 18)) Error (Form): IMAGE is not a valid selection

(Exposure 7 (Visit 18)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 7 (Visit 18)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 8 (Visit 18)) Error (Form): IMAGE is not a valid selection

(Exposure 8 (Visit 18)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 8 (Visit 18)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 8 (Visit 18)) Error (Form): Illegal selection: WFPC2.

(Exposure 8 (Visit 18)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Visit 18) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 18) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 18) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 18) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 18) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 18) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 18) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 18) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 18) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 18) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 18) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017	Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.130102 Center Pattern=false		(2)
(2)	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.4709 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

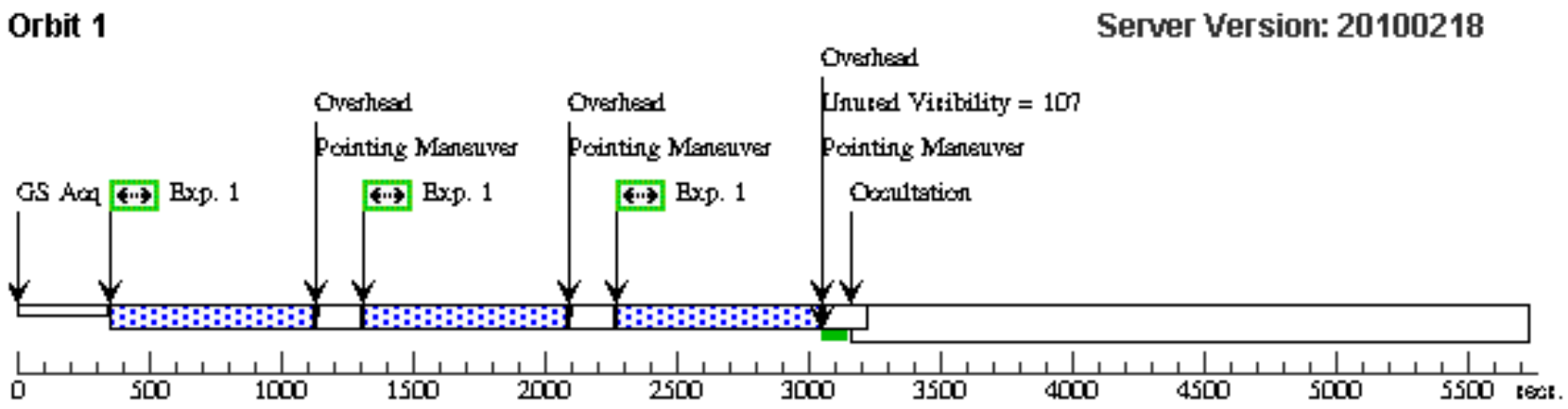
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	NGC2798	RA: 09 17 22.7847 (139.3449363d) Dec: +42 00 1.40 (42.00039d) Equinox: J2000		V=20.0+/-1.0	Reference Frame: OTHER

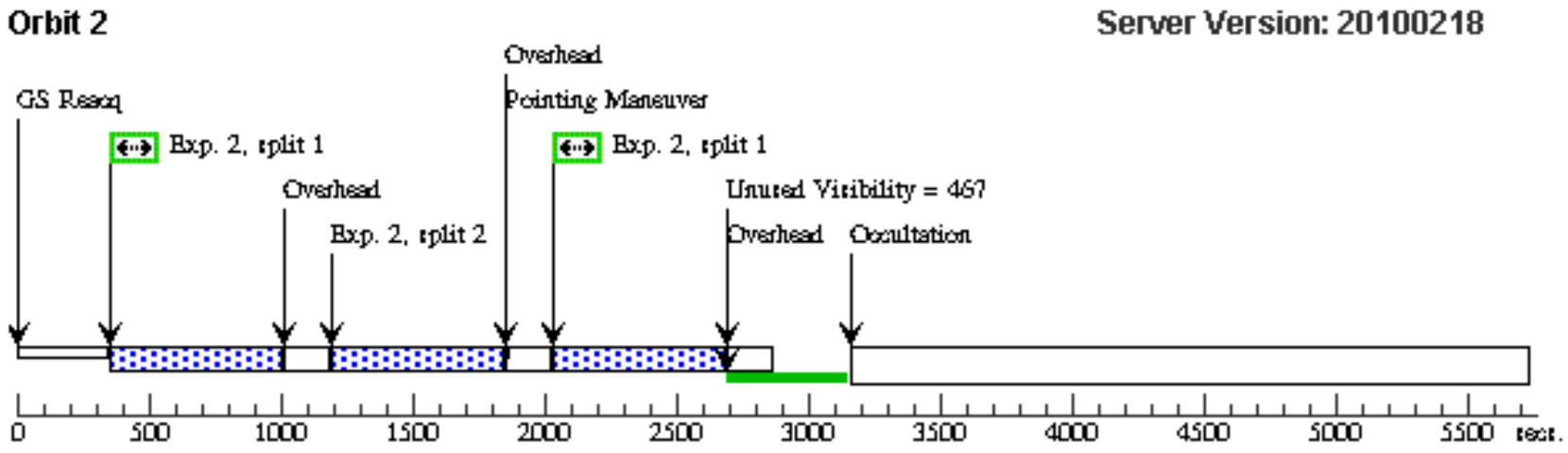
Comments: SBa 24.7MPc abs_Rmag -19.6

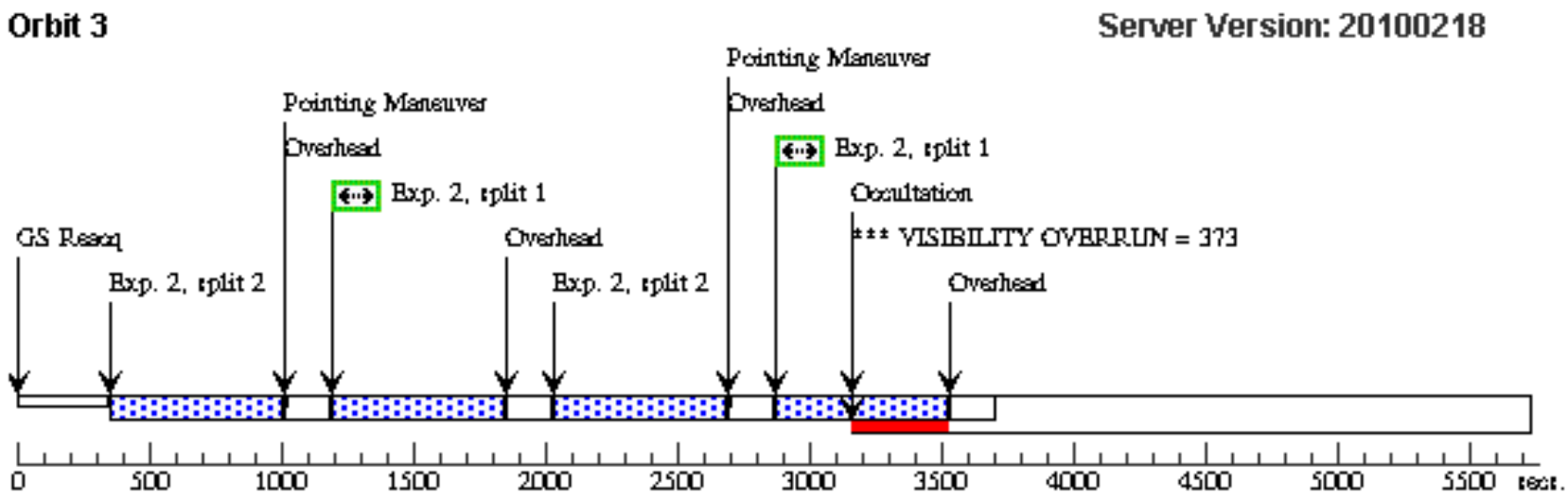
Exposures

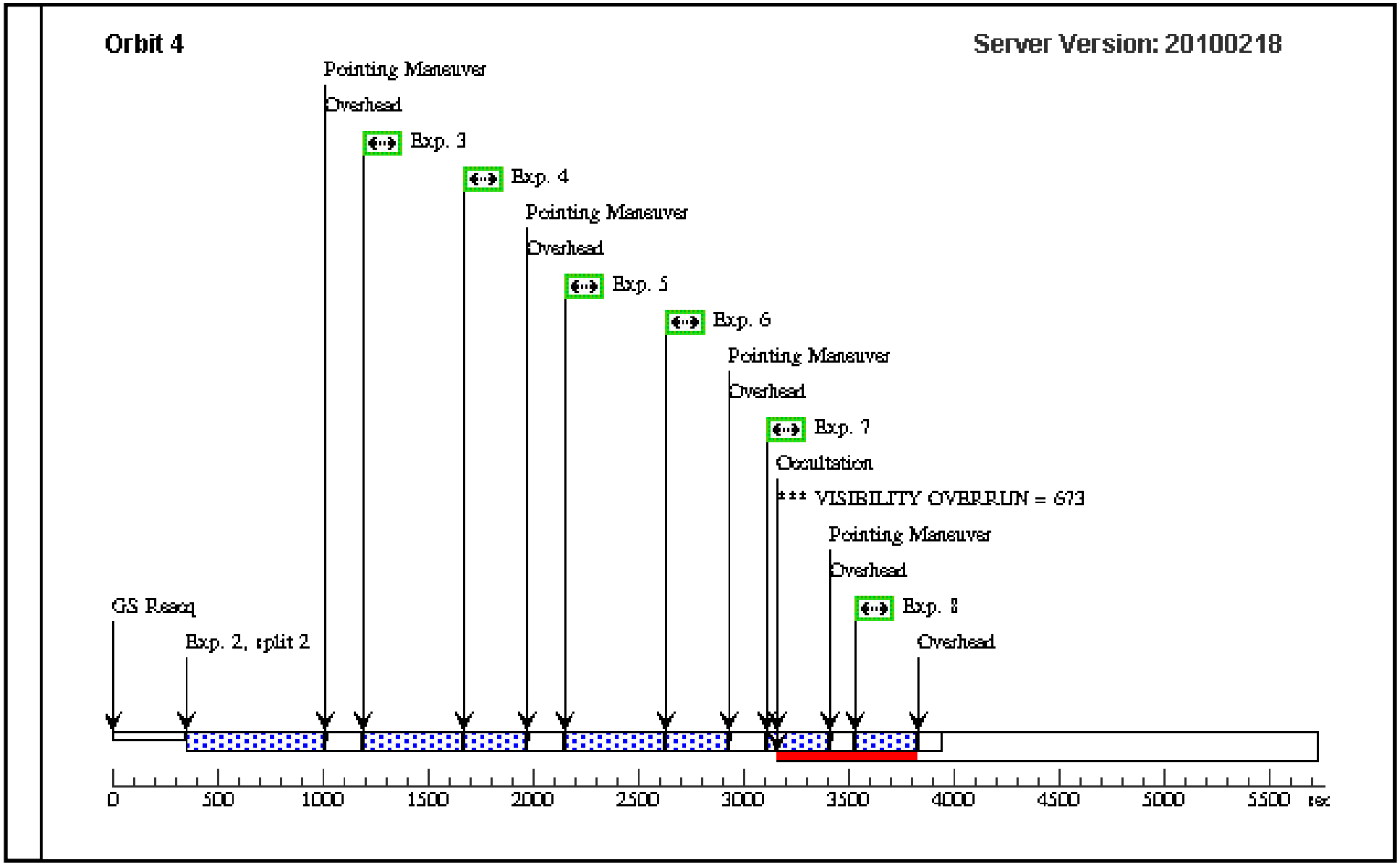
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(18) NGC2798	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	600 Secs *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(18) NGC2798	WFPC2, IMAGE, WF3	F336W	CR-SPLIT=NO		Pattern 1, Exps 2-2 (1)	1100.0 Secs *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
								[==>(Pattern 3)] *[==>(Pattern 4)]*	***[3]***
Comments: dither box over 2 orbits									
3		(18) NGC2798	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO			180 Secs *[==>]*	***[4]***
4		(18) NGC2798	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO			180 Secs *[==>]*	***[4]***
5		(18) NGC2798	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG 0.333,0.333		180 Secs *[==>]*	***[4]***
Comments: POS TARG 0.3330,0.3330									
6		(18) NGC2798	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 5		180 Secs *[==>]*	***[4]***
Comments: SAME POS AS 6									
7		(18) NGC2798	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG -0.333,-0.333		160 Secs *[==>]*	***[4]***
Comments: POS TARG -0.3330,-0.3330 *Reduced exposure time for 5 & 6 from 180s to 160s to make exposures 4-9 fit in one orbit.*									
8		(18) NGC2798	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 5		160 Secs *[==>]*	***[4]***
Comments: SAME POS AS 8									

Orbit Structure






Orbit 3
Server Version: 20100218
Pointing Maneuver
Overhead
Exp. 2, split 1
Occultation
*** VISIBILITY OVERRUN = 373
Overhead
Pointing Maneuver
Overhead
Exp. 2, split 1
GS Reacq
Exp. 2, split 2
Overhead
Exp. 2, split 2
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.


Orbit 4
Server Version: 20100218
Pointing Maneuver
Overhead
Exp. 3
Exp. 4
Pointing Maneuver
Overhead
Exp. 5
Exp. 6
Pointing Maneuver
Overhead
Exp. 7
Occultation
*** VISIBILITY OVERRUN = 673
Pointing Maneuver
Overhead
Exp. 8
Overhead
GS Reacq
Exp. 2, split 2
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit		
	Proposal 11987, Visit 20, scheduling	Fri Apr 16 01:24:47 GMT 2010
	Diagnostic Status: Error	
	Scientific Instruments: WFPC2	
	Special Requirements: ORIENT 8D TO 76 D	

Diagnostics	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): IMAGE is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): Illegal selection: WFPC2. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): CR-SPLIT is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): Illegal selection: WFPC2. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): IMAGE is not a valid selection (Exposure 4 (Visit 20)) Error (Form): Illegal selection: WFPC2. (Exposure 4 (Visit 20)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 4 (Visit 20)) Error (Form): CR-SPLIT is not a valid selection (Exposure 4 (Visit 20)) Error (Form): IMAGE is not a valid selection (Exposure 4 (Visit 20)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 5 (Visit 20)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 5 (Visit 20)) Error (Form): Illegal selection: WFPC2. (Exposure 5 (Visit 20)) Error (Form): IMAGE is not a valid selection (Exposure 5 (Visit 20)) Error (Form): CR-SPLIT is not a valid selection (Exposure 5 (Visit 20)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 6 (Visit 20)) Error (Form): CR-SPLIT is not a valid selection (Exposure 6 (Visit 20)) Error (Form): IMAGE is not a valid selection (Exposure 6 (Visit 20)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 6 (Visit 20)) Error (Form): Illegal selection: WFPC2. (Exposure 6 (Visit 20)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 7 (Visit 20)) Error (Form): IMAGE is not a valid selection

(Exposure 7 (Visit 20)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 7 (Visit 20)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 7 (Visit 20)) Error (Form): Illegal selection: WFPC2.

(Exposure 7 (Visit 20)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 8 (Visit 20)) Error (Form): Illegal selection: WFPC2.

(Exposure 8 (Visit 20)) Error (Form): IMAGE is not a valid selection

(Exposure 8 (Visit 20)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 8 (Visit 20)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 8 (Visit 20)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 9 (Visit 20)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 9 (Visit 20)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 9 (Visit 20)) Error (Form): IMAGE is not a valid selection

(Exposure 9 (Visit 20)) Error (Form): Illegal selection: WFPC2.

(Exposure 9 (Visit 20)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Visit 20) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 20) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 20) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 20) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 20) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 20) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 20) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 20) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 20) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 20) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 20) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 20) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 20) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 20) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 20) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 20) Warning (Orbit Planner): EXPOSURE NOT IN REQUESTED ORBIT

(Visit 20) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017	Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.130102 Center Pattern=false		(2)
(2)	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.4709 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false		(1), (3)

Fixed Targets

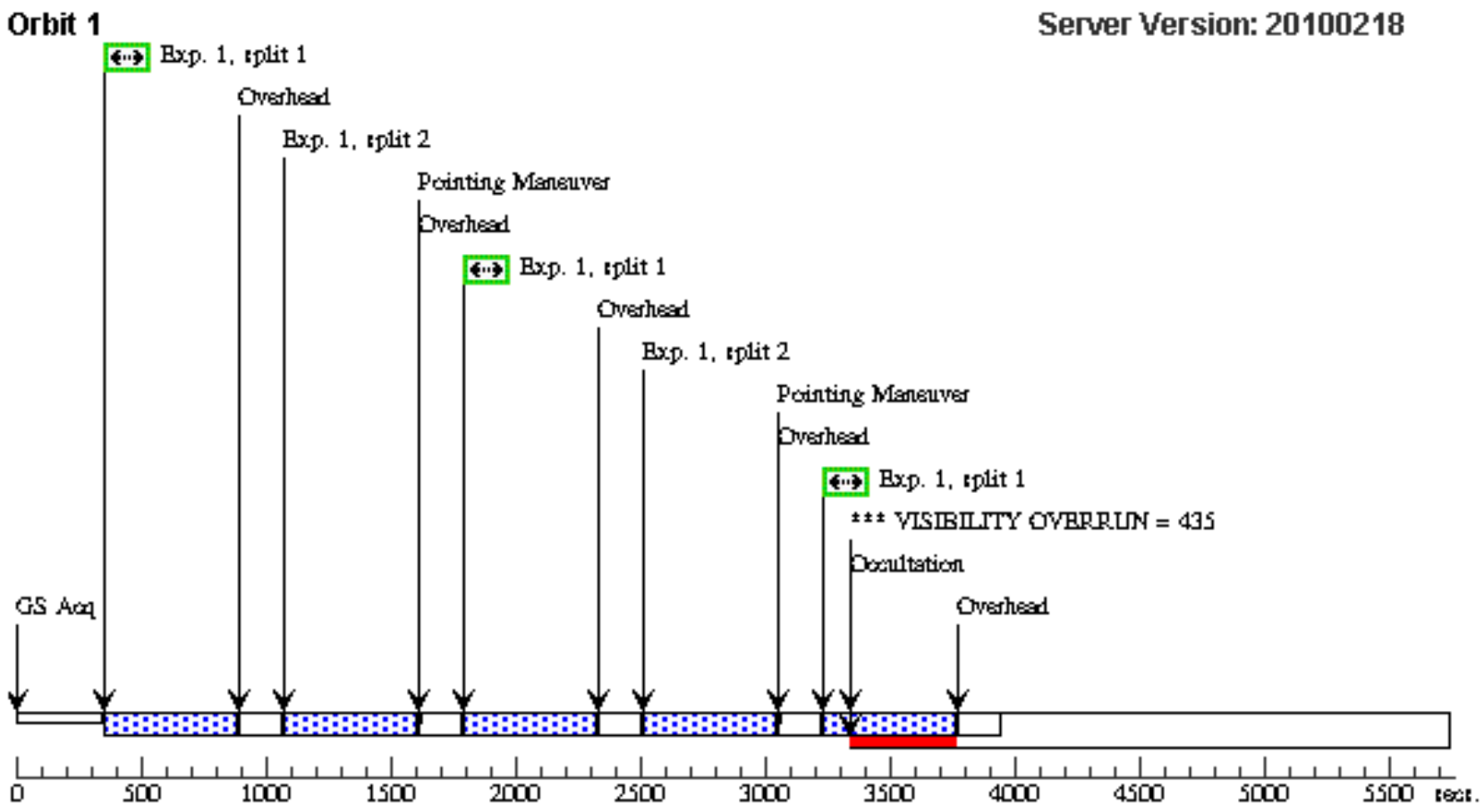
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	NGC2915	RA: 09 26 8.6178 (141.5359075d) Dec: -76 37 50.40 (-76.63067d) Equinox: J2000		V=20.0+/-1.0	Reference Frame: OTHER

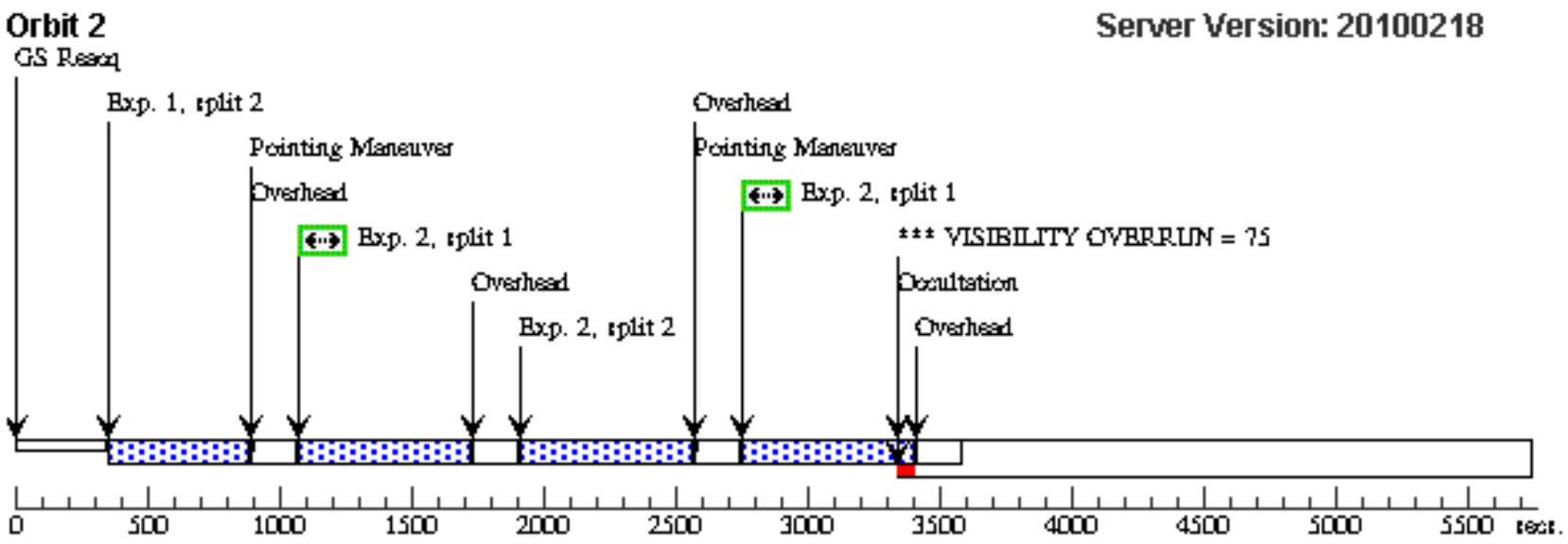
Comments: I0 2.7MPc abs_Rmag -15.1

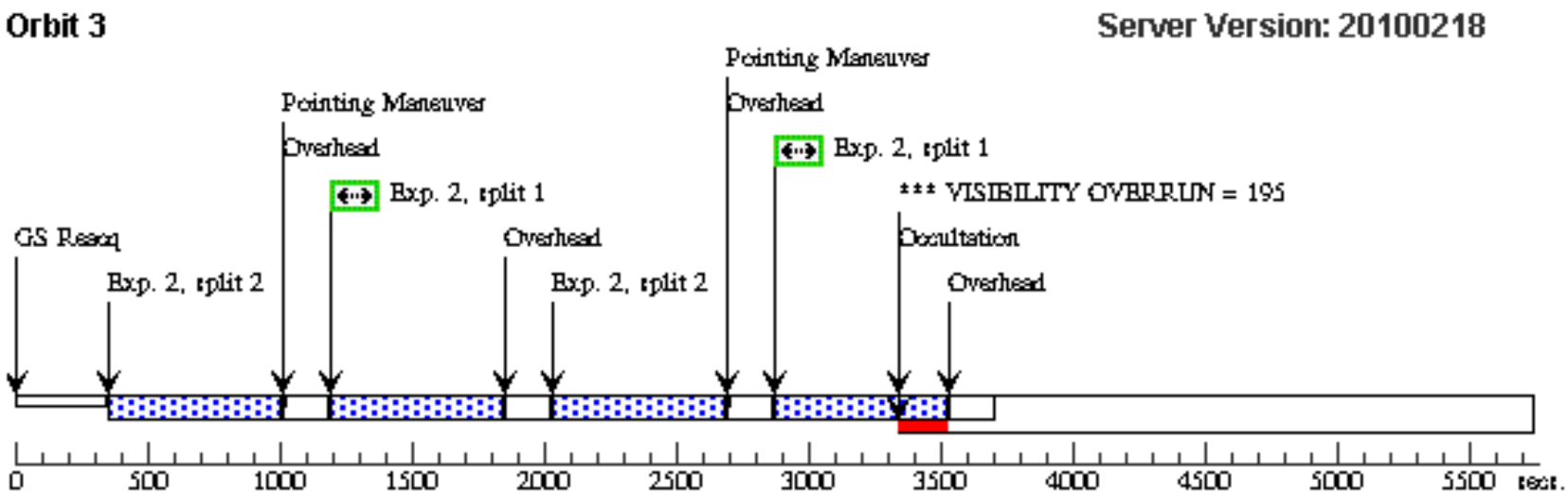
Exposures

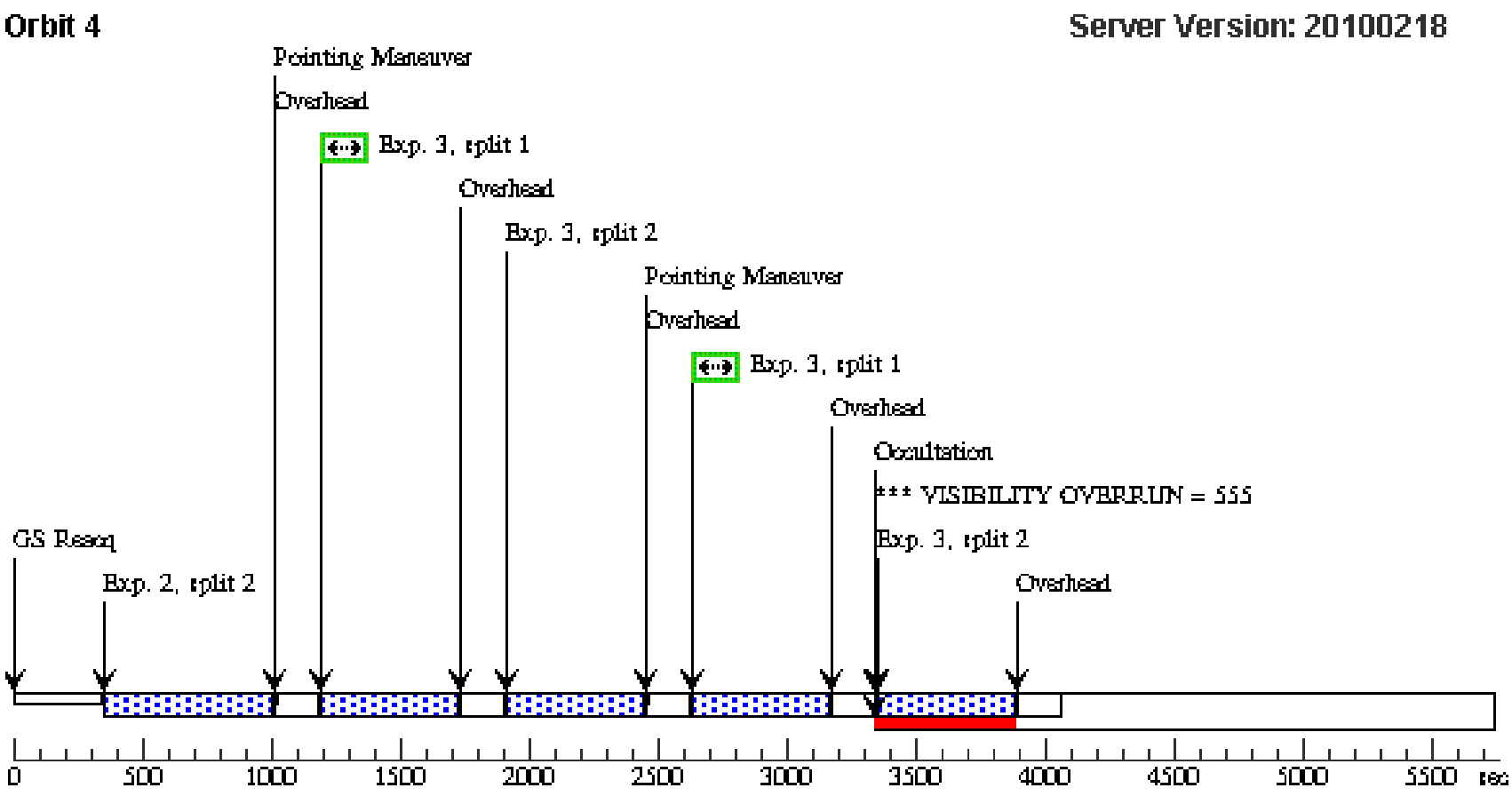
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(20) NGC2915	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	700.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(20) NGC2915	WFPC2, IMAGE, WF3	F336W	CR-SPLIT=NO		Pattern 1, Exps 2-2 (1)	1100.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[2]***
								[==>(Pattern 3)] *[==>(Pattern 4)]*	***[3]***
Comments: dither box over 2 orbits									
3		(20) NGC2915	WFPC2, IMAGE, WF3	F656N	CR-SPLIT=NO		Pattern 2, Exps 3-3 (2)	700.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[4]***
								[==>(Pattern 3)]	***[5]***
Comments: 3pt line dither in one orbit									
4		(20) NGC2915	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO			200.0 Secs	
								[==>]	***[5]***
5		(20) NGC2915	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO			200.0 Secs	
								[==>]	***[5]***
6		(20) NGC2915	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG 0.333,0.333		200.0 Secs	
								[==>]	***[5]***
Comments: POS TARG 0.3330,0.3330									
7		(20) NGC2915	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 6		200.0 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 6									
8		(20) NGC2915	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG -0.333,-0.333		200.0 Secs	
								[==>]	***[5]***
Comments: POS TARG -0.3330,-0.3330									
9		(20) NGC2915	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 6		200.0 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 8									

Orbit Structure




Orbit 2
Server Version: 20100218
GS Reacq
Exp. 1, split 2
Pointing Maneuver
Overhead
Exp. 2, split 1
Overhead
Exp. 2, split 2
Overhead
Pointing Maneuver
Exp. 2, split 1
*** VISIBILITY OVERRUN = 75
Occultation
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.


Orbit 3
Server Version: 20100218
GS Reacq
Exp. 2, split 2
Pointing Maneuver
Overhead
Exp. 2, split 1
Overhead
Exp. 2, split 2
Pointing Maneuver
Overhead
Exp. 2, split 1
*** VISIBILITY OVERRUN = 195
Occultation
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.


Orbit 4
Server Version: 20100218
Pointing Maneuver
Overhead
Exp. 3, split 1
Overhead
Exp. 3, split 2
Pointing Maneuver
Overhead
Exp. 3, split 1
Overhead
Occultation
*** VISIBILITY OVERRUN = 555
Exp. 3, split 2
Overhead
GS Reacq
Exp. 2, split 2
0
500
1000
1500
2000
2500
3000
3500
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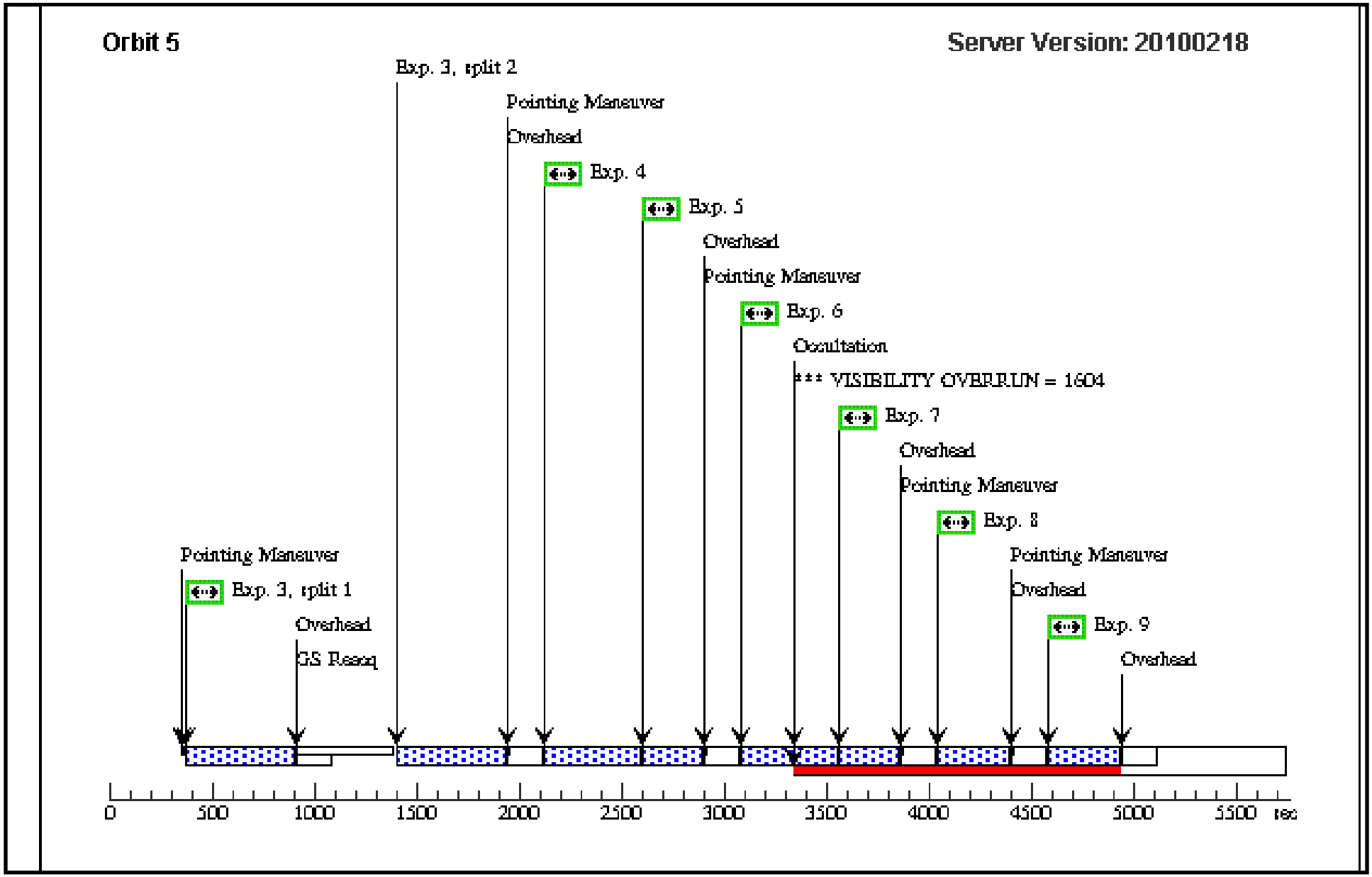
4500
5000
5500
sec


Orbit 5
Server Version: 20100218
Exp. 3, split 2
Pointing Maneuver
Overhead
Exp. 4
Exp. 5
Overhead
Pointing Maneuver
Exp. 6
Occultation
*** VISIBILITY OVERRUN = 1604
Exp. 7
Overhead
Pointing Maneuver
Exp. 8
Pointing Maneuver
Overhead
Exp. 9
Overhead
Pointing Maneuver
Exp. 3, split 1
Overhead
GS Reacq
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500

Visit		
	Proposal 11987, Visit 21, implementation	Fri Apr 16 01:24:58 GMT 2010
	Diagnostic Status: Error	
	Scientific Instruments: WFPC2	
	Special Requirements: ORIENT 271D TO 345 D	

Diagnostics	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): IMAGE is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): Illegal selection: WFPC2. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): IMAGE is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): Illegal selection: WFPC2. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): CR-SPLIT is not a valid selection (Exposure 4 (Visit 21)) Error (Form): Illegal selection: WFPC2. (Exposure 4 (Visit 21)) Error (Form): IMAGE is not a valid selection (Exposure 4 (Visit 21)) Error (Form): CR-SPLIT is not a valid selection (Exposure 4 (Visit 21)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 4 (Visit 21)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 5 (Visit 21)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 5 (Visit 21)) Error (Form): IMAGE is not a valid selection (Exposure 5 (Visit 21)) Error (Form): Illegal selection: WFPC2. (Exposure 5 (Visit 21)) Error (Form): CR-SPLIT is not a valid selection (Exposure 5 (Visit 21)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 6 (Visit 21)) Error (Form): Illegal selection: WFPC2. (Exposure 6 (Visit 21)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 6 (Visit 21)) Error (Form): IMAGE is not a valid selection (Exposure 6 (Visit 21)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 6 (Visit 21)) Error (Form): CR-SPLIT is not a valid selection (Exposure 7 (Visit 21)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 7 (Visit 21)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 7 (Visit 21)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 7 (Visit 21)) Error (Form): Illegal selection: WFPC2.

(Exposure 7 (Visit 21)) Error (Form): IMAGE is not a valid selection

(Exposure 8 (Visit 21)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 8 (Visit 21)) Error (Form): IMAGE is not a valid selection

(Exposure 8 (Visit 21)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 8 (Visit 21)) Error (Form): Illegal selection: WFPC2.

(Exposure 8 (Visit 21)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 9 (Visit 21)) Error (Form): IMAGE is not a valid selection

(Exposure 9 (Visit 21)) Error (Form): Illegal selection: WFPC2.

(Exposure 9 (Visit 21)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 9 (Visit 21)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 9 (Visit 21)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Visit 21) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 21) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 21) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 21) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 21) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 21) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 21) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 21) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 21) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 21) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017	Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.130102 Center Pattern=false		(2)
(2)	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.4709 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false		(1), (3)

Fixed Targets

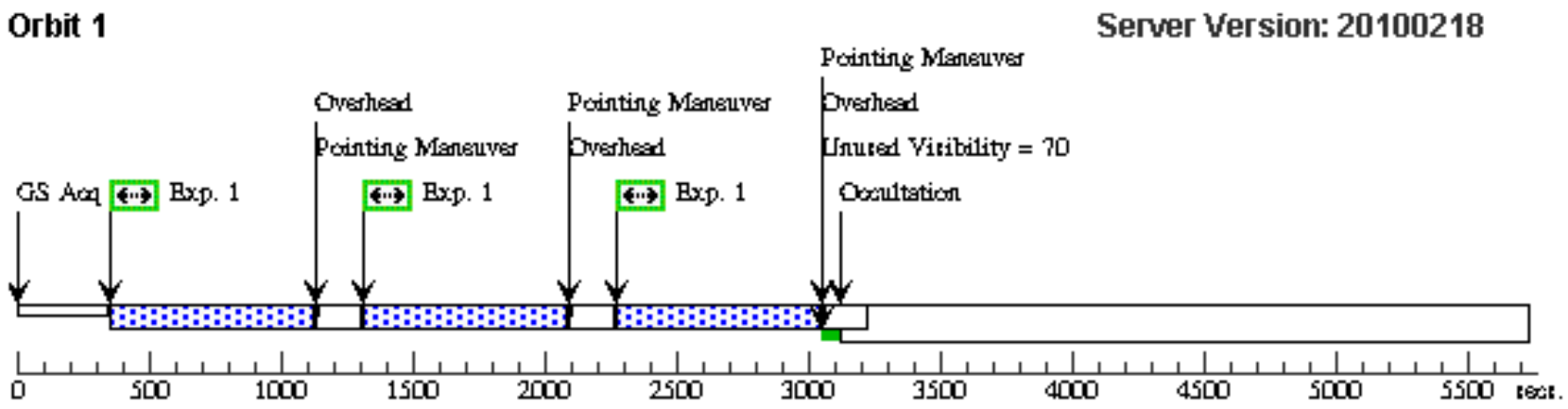
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(21)	NGC3049	RA: 09 54 49.6507 (148.7068779d) Dec: +09 16 20.15 (9.27226d) Equinox: J2000		V=20.0+/-1.0	Reference Frame: OTHER

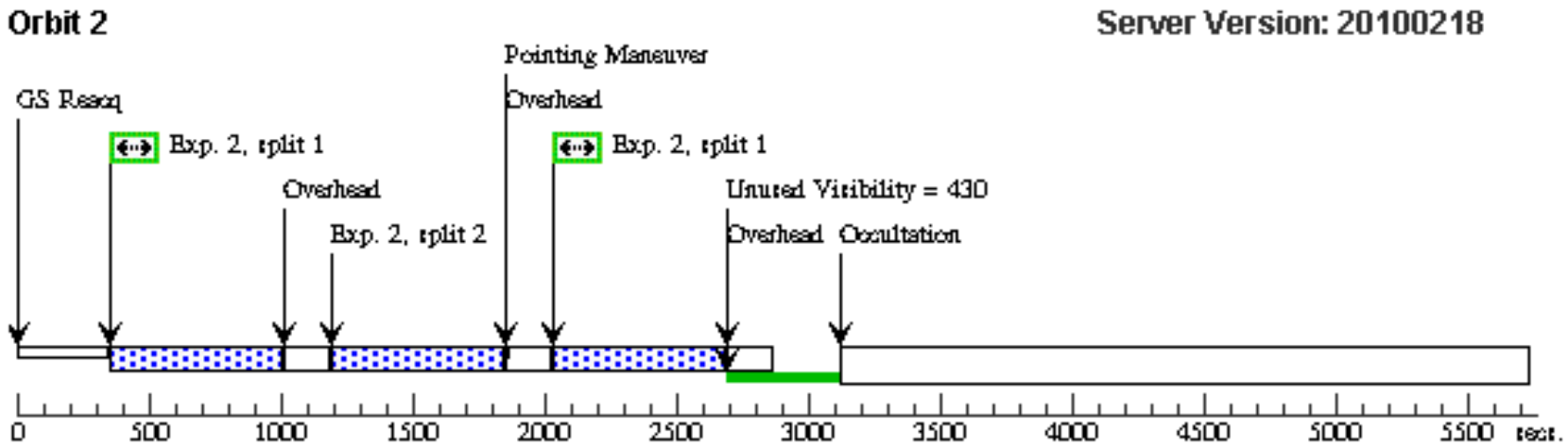
Comments: SBab 19.6MPc abs_Rmag -18.7

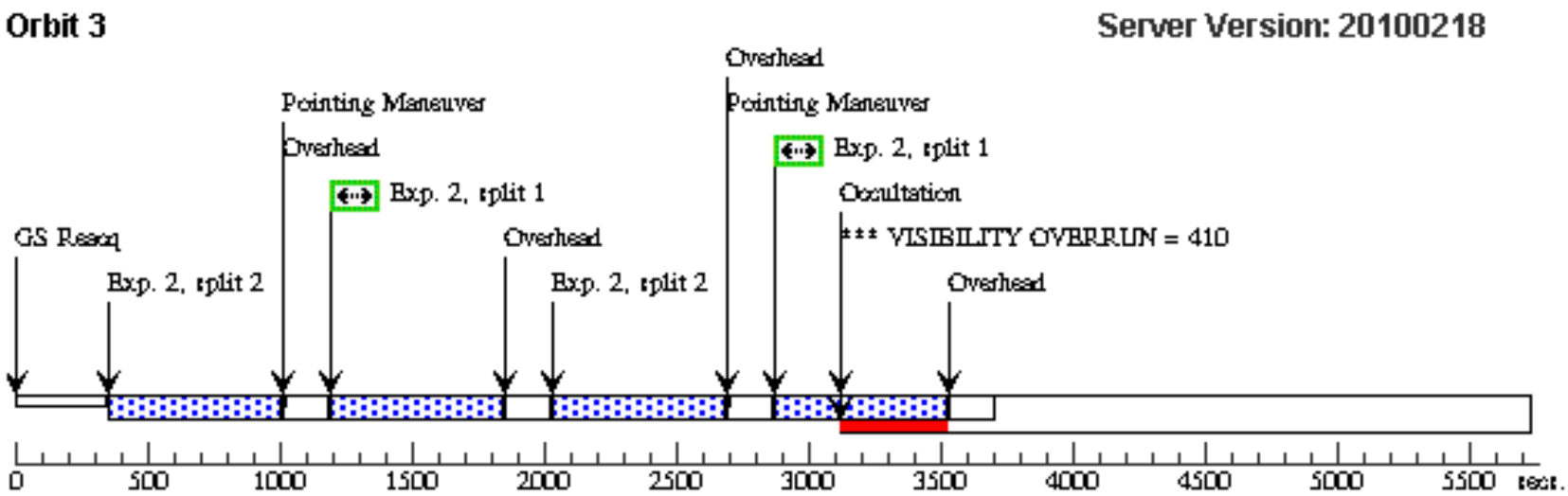
Exposures

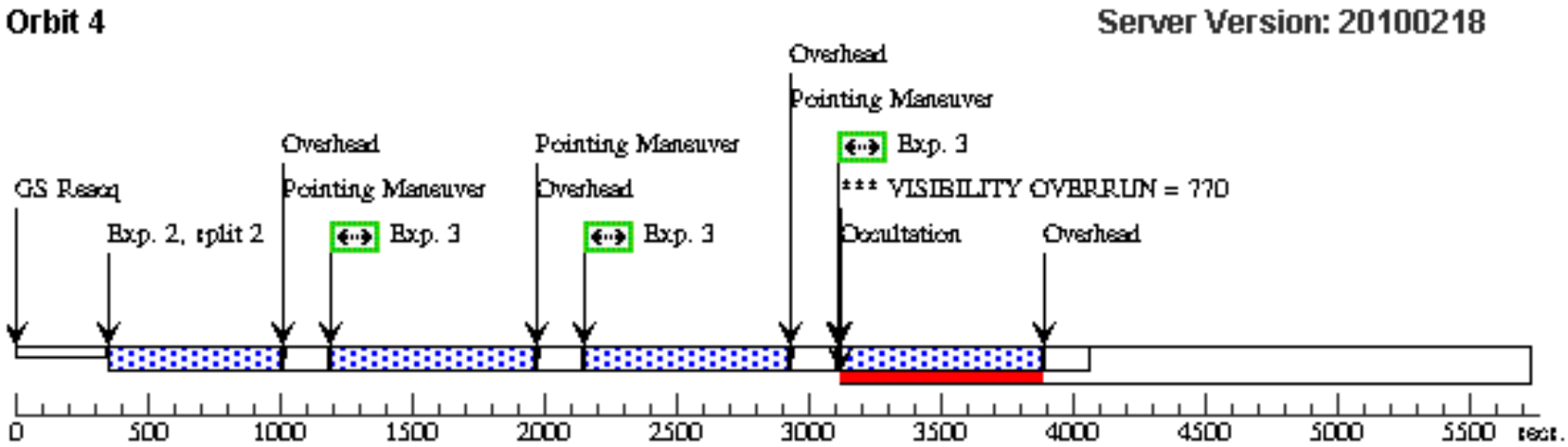
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(21) NGC3049	WFPC2, IMAGE, WFALL	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(21) NGC3049	WFPC2, IMAGE, WFALL	F336W	CR-SPLIT=NO		Pattern 1, Exps 2-2 (1)	1100.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[2]***
								[==>(Pattern 3)] *[==>(Pattern 4)]*	***[3]***
Comments: dither box over 2 orbits									
3		(21) NGC3049	WFPC2, IMAGE, WFALL	F658N	CR-SPLIT=NO		Pattern 2, Exps 3-3 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[4]***
Comments: 3pt line dither in one orbit									
4		(21) NGC3049	WFPC2, IMAGE, WFALL	F555W	CR-SPLIT=NO			180 Secs	
								[==>]	***[5]***
5		(21) NGC3049	WFPC2, IMAGE, WFALL	F814W	CR-SPLIT=NO			180 Secs	
								[==>]	***[5]***
6		(21) NGC3049	WFPC2, IMAGE, WFALL	F555W	CR-SPLIT=NO	POS TARG 0.333,0.333		180 Secs	
								[==>]	***[5]***
Comments: POS TARG 0.3330,0.3330									
7		(21) NGC3049	WFPC2, IMAGE, WFALL	F814W	CR-SPLIT=NO	SAME POS AS 6		180 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 6									
8		(21) NGC3049	WFPC2, IMAGE, WFALL	F555W	CR-SPLIT=NO	POS TARG -0.333,-0.333		160 Secs	
								[==>]	***[5]***
Comments: POS TARG -0.3330,-0.3330 *Reduced exposure time for 5 & 6 from 180s to 160s to make exposures 4-9 fit in one orbit.*									
9		(21) NGC3049	WFPC2, IMAGE, WFALL	F814W	CR-SPLIT=NO	SAME POS AS 6		160 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 8									

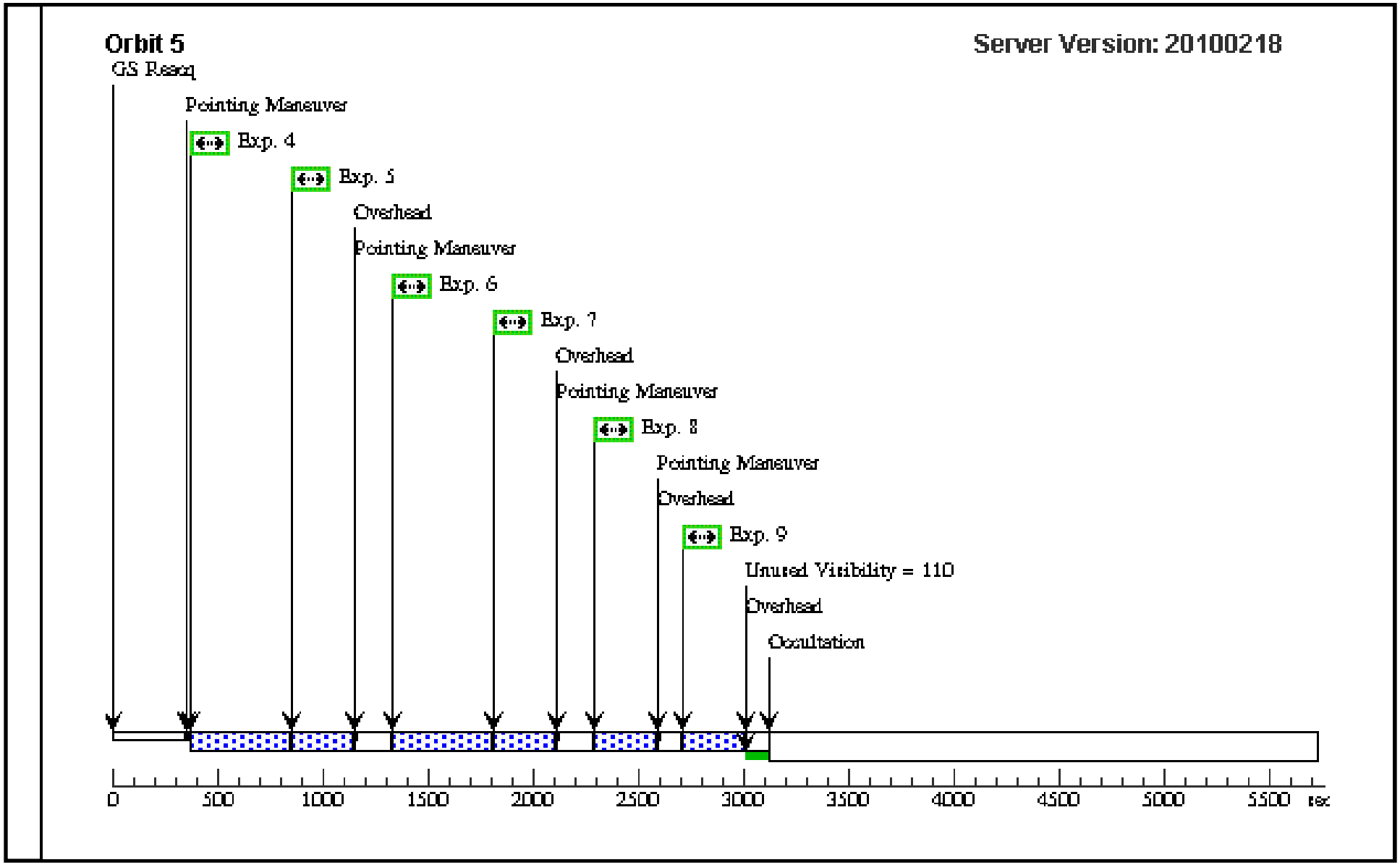
Orbit Structure






Orbit 3
Server Version: 20100218
Overhead
Pointing Maneuver
Pointing Maneuver
Overhead
Exp. 2, split 1
Exp. 2, split 1
Occultation
GS Reacq
Overhead
*** VISIBILITY OVERRUN = 410
Exp. 2, split 2
Exp. 2, split 2
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.


Orbit 4
Server Version: 20100218
Overhead
Pointing Maneuver
Overhead
Pointing Maneuver
Exp. 3
GS Reacq
Pointing Maneuver
Overhead
*** VISIBILITY OVERRUN = 770
Exp. 2, split 2
Exp. 3
Exp. 3
Occultation
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.


Orbit 5
Server Version: 20100218
GS Reacq
Pointing Maneuver
Exp. 4
Exp. 5
Overhead
Pointing Maneuver
Exp. 6
Exp. 7
Overhead
Pointing Maneuver
Exp. 8
Pointing Maneuver
Overhead
Exp. 9
Unused Visibility = 110
Overhead
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit		
	Proposal 11987, Visit 22, scheduling	Fri Apr 16 01:25:06 GMT 2010
	Diagnostic Status: Error	
	Scientific Instruments: WFPC2	
	Special Requirements: ORIENT 135D TO 300 D	

Diagnostics	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection (Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): IMAGE is not a valid selection (Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): Illegal selection: WFPC2. (Exposure 3 (Visit 22)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 3 (Visit 22)) Error (Form): IMAGE is not a valid selection (Exposure 3 (Visit 22)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 3 (Visit 22)) Error (Form): CR-SPLIT is not a valid selection (Exposure 3 (Visit 22)) Error (Form): Illegal selection: WFPC2. (Exposure 4 (Visit 22)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 4 (Visit 22)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 4 (Visit 22)) Error (Form): CR-SPLIT is not a valid selection (Exposure 4 (Visit 22)) Error (Form): IMAGE is not a valid selection (Exposure 4 (Visit 22)) Error (Form): Illegal selection: WFPC2. (Exposure 5 (Visit 22)) Error (Form): Illegal selection: WFPC2. (Exposure 5 (Visit 22)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 5 (Visit 22)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 5 (Visit 22)) Error (Form): IMAGE is not a valid selection (Exposure 5 (Visit 22)) Error (Form): CR-SPLIT is not a valid selection (Exposure 6 (Visit 22)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 6 (Visit 22)) Error (Form): Illegal selection: WFPC2. (Exposure 6 (Visit 22)) Error (Form): CR-SPLIT is not a valid selection (Exposure 6 (Visit 22)) Error (Form): IMAGE is not a valid selection (Exposure 6 (Visit 22)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 7 (Visit 22)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 7 (Visit 22)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 7 (Visit 22)) Error (Form): IMAGE is not a valid selection

(Exposure 7 (Visit 22)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 7 (Visit 22)) Error (Form): Illegal selection: WFPC2.

(Exposure 8 (Visit 22)) Error (Form): Illegal selection: WFPC2.

(Exposure 8 (Visit 22)) Error (Form): IMAGE is not a valid selection

(Exposure 8 (Visit 22)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 8 (Visit 22)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 8 (Visit 22)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1), (2)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

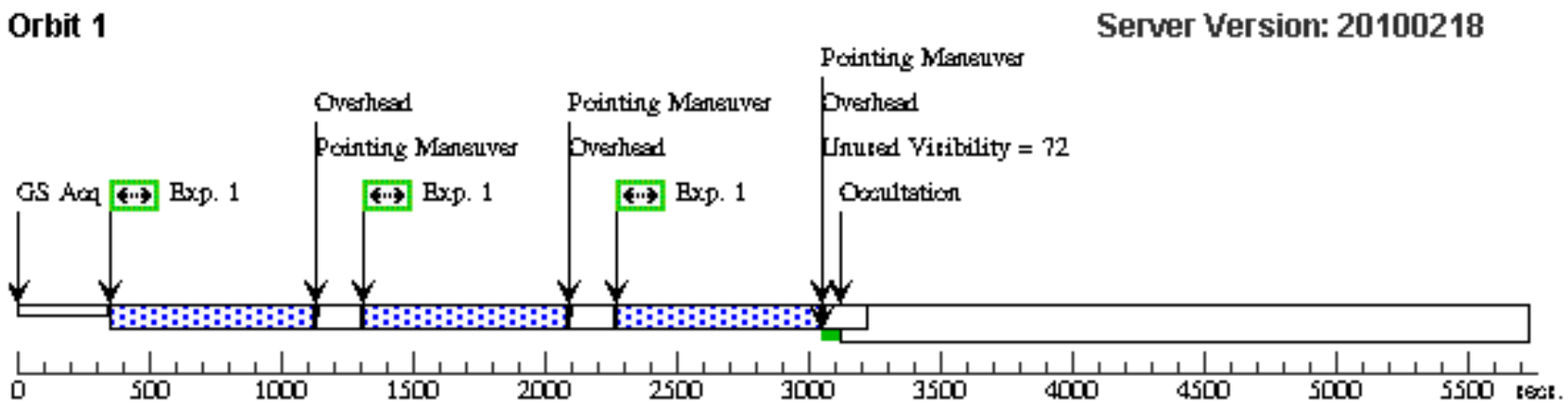
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(22)	NGC3773	RA: 11 38 13.0000 (174.5541667d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +12 06 42.90 (12.11192d)			
		Equinox: J2000			

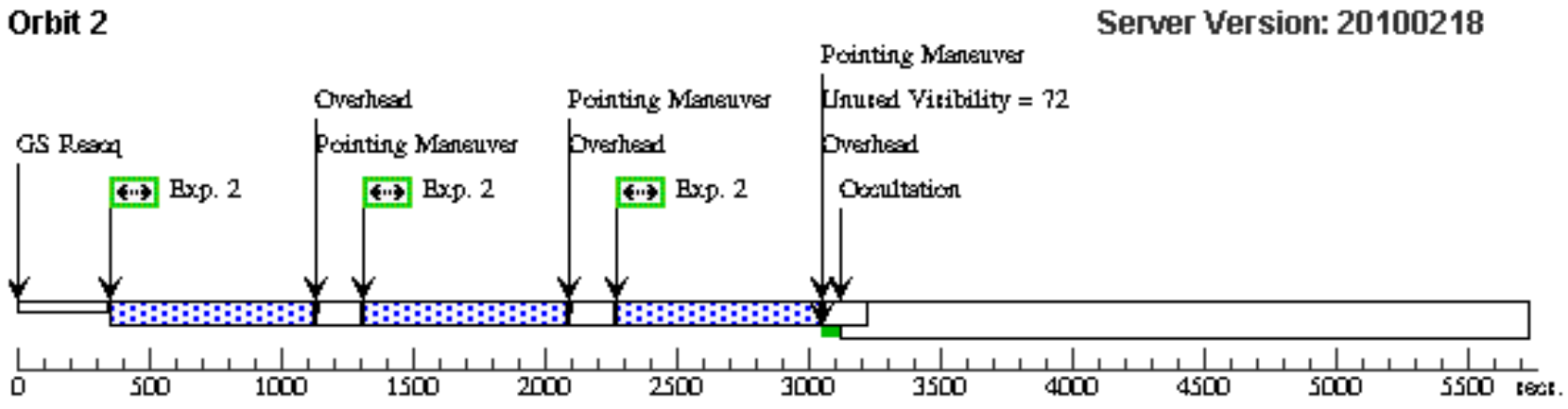
Comments: SA0 12.9MPc abs_Rmag -17.5

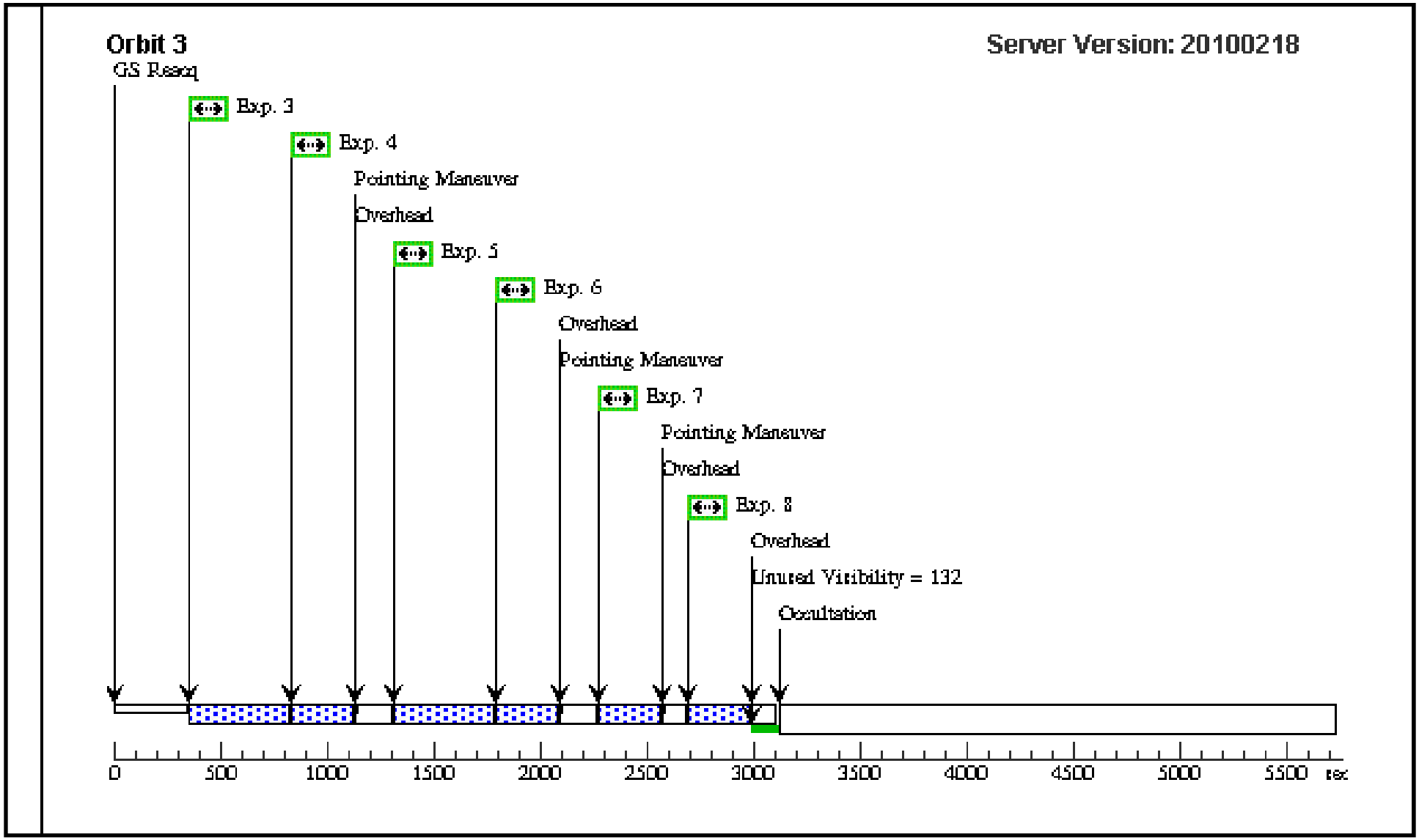
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(22) NGC3773	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	600 Secs *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(22) NGC3773	WFPC2, IMAGE, PC1	F658N	CR-SPLIT=NO		Pattern 2, Exps 2-2 (2)	600 Secs *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[2]***
Comments: 3pt line dither in one orbit									
3		(22) NGC3773	WFPC2, IMAGE, PC1	F555W	CR-SPLIT=NO			180 Secs *[==>]*	***[3]***
4		(22) NGC3773	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO			180 Secs *[==>]*	***[3]***
5		(22) NGC3773	WFPC2, IMAGE, PC1	F555W	CR-SPLIT=NO	POS TARG 0.333,0.333		180 Secs *[==>]*	***[3]***
Comments: POS TARG 0.3330,0.3330									
6		(22) NGC3773	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO	SAME POS AS 5		180 Secs *[==>]*	***[3]***
Comments: SAME POS AS 6									
7		(22) NGC3773	WFPC2, IMAGE, PC1	F555W	CR-SPLIT=NO	POS TARG -0.333,-0.333		160 Secs *[==>]*	***[3]***
Comments: POS TARG -0.3330,-0.3330 *Reduced exposure time for 5 & 6 from 180s to 160s to make exposures 4-9 fit in one orbit.*									
8		(22) NGC3773	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO	SAME POS AS 5		160 Secs *[==>]*	***[3]***
Comments: SAME POS AS 8									

Orbit Structure






Orbit 3
Server Version: 20100218
GS Reacq
Exp. 3
Exp. 4
Pointing Maneuver
Overhead
Exp. 5
Exp. 6
Overhead
Pointing Maneuver
Exp. 7
Pointing Maneuver
Overhead
Exp. 8
Overhead
Unused Visibility = 132
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 24, implementation Fri Apr 16 01:25:07 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: ORIENT 142D TO 280 D

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

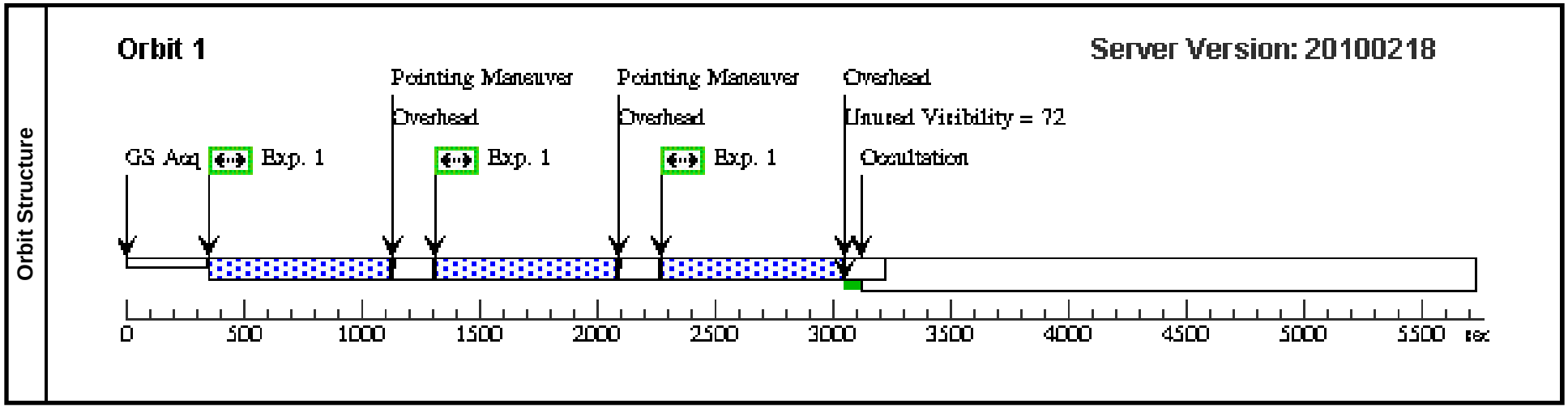
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(24)	NGC4569	RA: 12 36 48.9784 (189.2040767d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +13 10 3.10 (13.16753d)			
		Equinox: J2000			

Comments: SABab 20.MPc abs_Rmag -22.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(24) NGC4569	WFPC2, IMAGE, WFALL	F439W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit


Orbit Structure
Orbit 1
Server Version: 20100218
Pointing Maneuver
Overhead
Pointing Maneuver
Overhead
Overhead
Unused Visibility = 72
GS Acq
Exp. 1
Exp. 1
Exp. 1
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit		
	Proposal 11987, Visit 28, scheduling	Fri Apr 16 01:25:07 GMT 2010
	Diagnostic Status: Error	
	Scientific Instruments: WFPC2	
	Special Requirements: ORIENT 276D TO 360 D	

Diagnostics	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): IMAGE is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): Illegal selection: WFPC2. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): IMAGE is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): Illegal selection: WFPC2. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): CR-SPLIT is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 4 (Visit 28)) Error (Form): CR-SPLIT is not a valid selection (Exposure 4 (Visit 28)) Error (Form): Illegal selection: WFPC2. (Exposure 4 (Visit 28)) Error (Form): IMAGE is not a valid selection (Exposure 4 (Visit 28)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 4 (Visit 28)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 5 (Visit 28)) Error (Form): IMAGE is not a valid selection (Exposure 5 (Visit 28)) Error (Form): Illegal selection: WFPC2. (Exposure 5 (Visit 28)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 5 (Visit 28)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 5 (Visit 28)) Error (Form): CR-SPLIT is not a valid selection (Exposure 6 (Visit 28)) Error (Form): CR-SPLIT is not a valid selection (Exposure 6 (Visit 28)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 6 (Visit 28)) Error (Form): IMAGE is not a valid selection (Exposure 6 (Visit 28)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 6 (Visit 28)) Error (Form): Illegal selection: WFPC2. (Exposure 7 (Visit 28)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 7 (Visit 28)) Error (Form): Illegal selection: WFPC2.

(Exposure 7 (Visit 28)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 7 (Visit 28)) Error (Form): IMAGE is not a valid selection

(Exposure 7 (Visit 28)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 8 (Visit 28)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 8 (Visit 28)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 8 (Visit 28)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 8 (Visit 28)) Error (Form): IMAGE is not a valid selection

(Exposure 8 (Visit 28)) Error (Form): Illegal selection: WFPC2.

(Exposure 9 (Visit 28)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 9 (Visit 28)) Error (Form): IMAGE is not a valid selection

(Exposure 9 (Visit 28)) Error (Form): Illegal selection: WFPC2.

(Exposure 9 (Visit 28)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 9 (Visit 28)) Error (Form): CR-SPLIT is not a valid selection

(Visit 28) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 28) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 28) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 28) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 28) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 28) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 28) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 28) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 28) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 28) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017	Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.130102 Center Pattern=false		(2)
(2)	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.4709 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false		(1), (3)

Fixed Targets

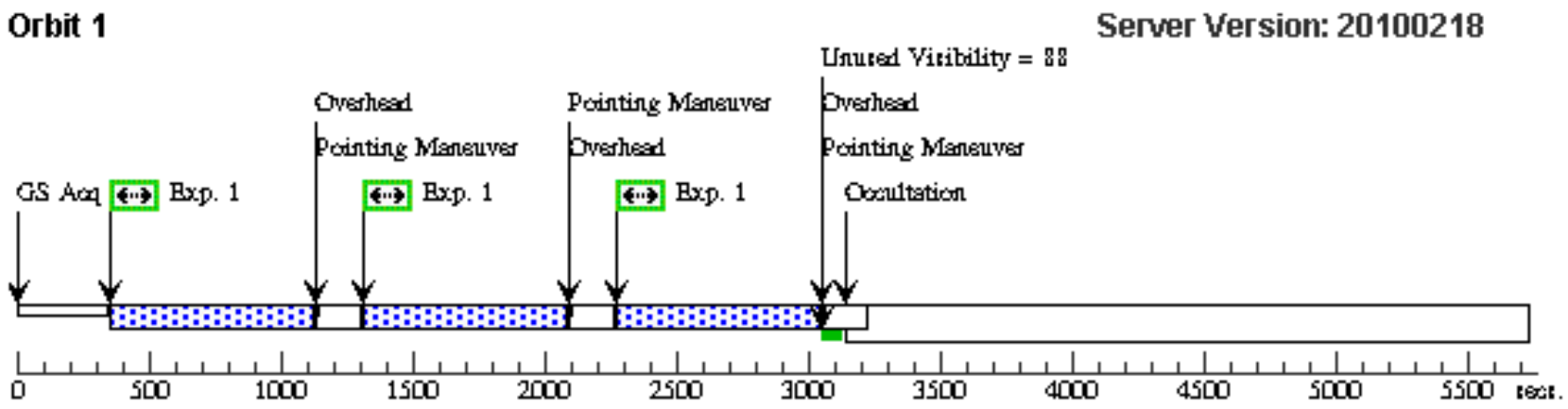
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(28)	NGC5398	RA: 14 01 22.7933 (210.3449721d) Dec: -33 04 14.35 (-33.07065d) Equinox: J2000		V=20.0+/-1.0	Reference Frame: OTHER

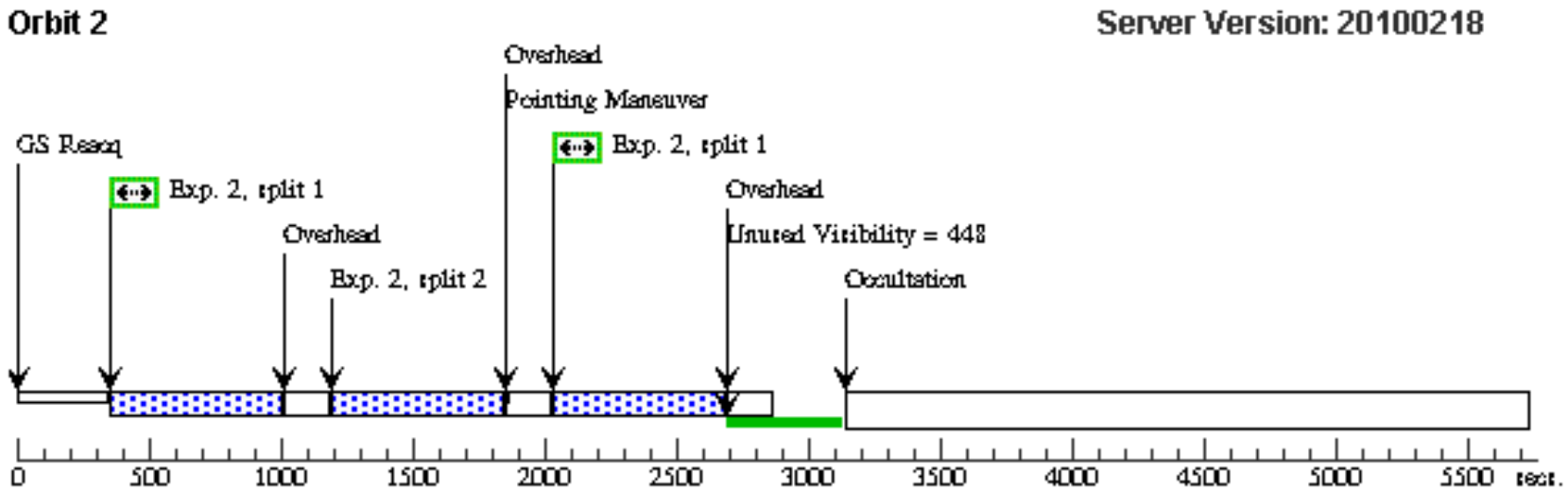
Comments: SBdm 15.MPc abs_Rmag -18.9

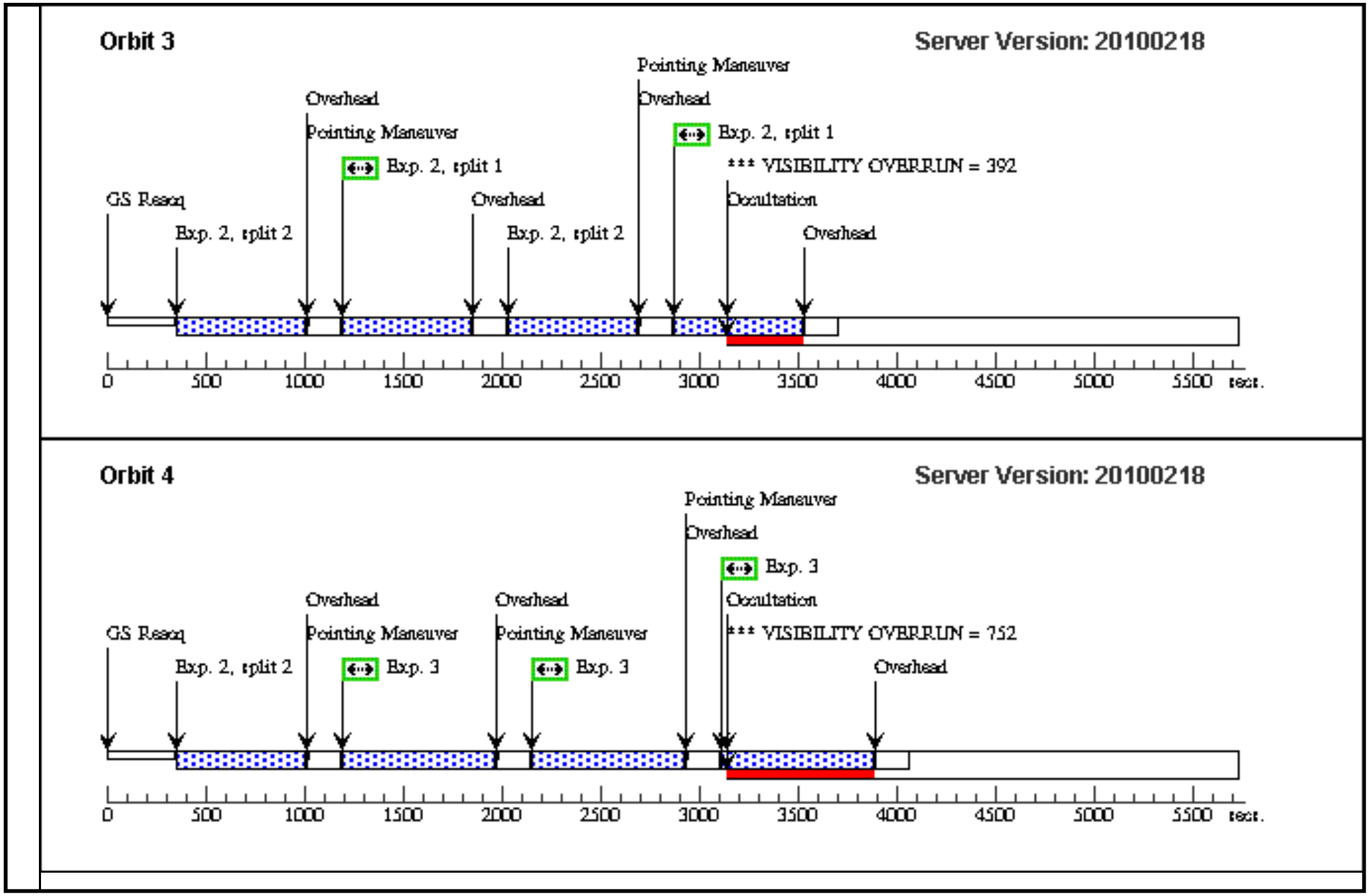
Exposures

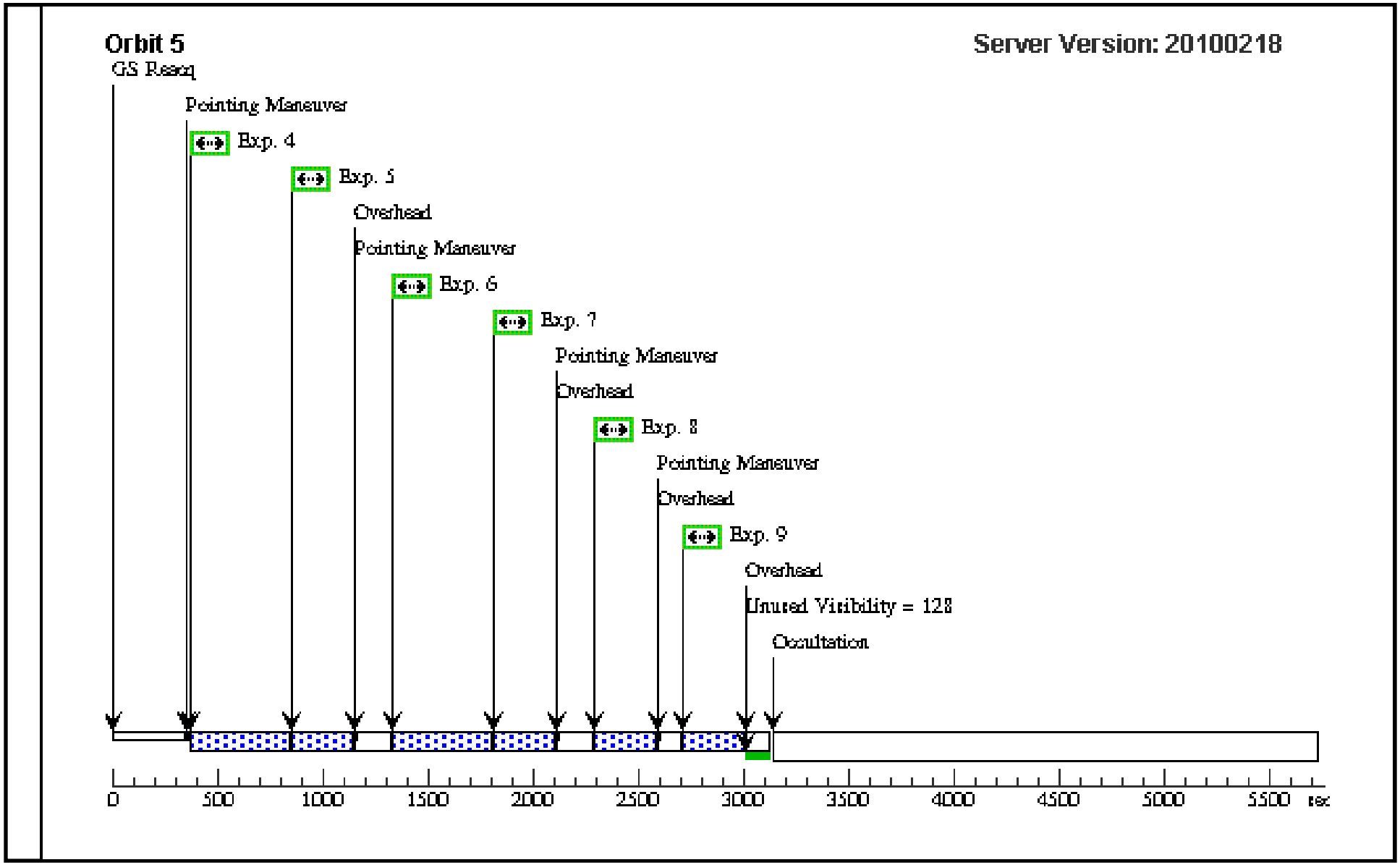
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(28) NGC5398	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(28) NGC5398	WFPC2, IMAGE, WF3	F336W	CR-SPLIT=NO		Pattern 1, Exps 2-2 (1)	1100.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[2]***
								[==>(Pattern 3)] *[==>(Pattern 4)]*	***[3]***
Comments: dither box over 2 orbits									
3		(28) NGC5398	WFPC2, IMAGE, WF3	F658N	CR-SPLIT=NO		Pattern 2, Exps 3-3 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[4]***
Comments: 3pt line dither in one orbit									
4		(28) NGC5398	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO			180 Secs	
								[==>]	***[5]***
5		(28) NGC5398	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO			180 Secs	
								[==>]	***[5]***
6		(28) NGC5398	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG 0.333,0.333		180 Secs	
								[==>]	***[5]***
Comments: POS TARG 0.3330,0.3330									
7		(28) NGC5398	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 6		180 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 6									
8		(28) NGC5398	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG -0.333,-0.333		160 Secs	
								[==>]	***[5]***
Comments: POS TARG -0.3330,-0.3330 *Reduced exposure time for 5 & 6 from 180s to 160s to make exposures 4-9 fit in one orbit.*									
9		(28) NGC5398	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 6		160 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 8									

Orbit Structure






Orbit 3
Server Version: 20100218
Pointing Maneuver
Overhead
Overhead
Pointing Maneuver
Exp. 2, split 1
Exp. 2, split 1
*** VISIBILITY OVERRUN = 392
GS Reacq
Overhead
Occultation
Exp. 2, split 2
Exp. 2, split 2
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Orbit 4
Server Version: 20100218
Pointing Maneuver
Overhead
Exp. 3
Overhead
Overhead
Occultation
GS Reacq
Pointing Maneuver
Pointing Maneuver
*** VISIBILITY OVERRUN = 752
Exp. 2, split 2
Exp. 3
Exp. 3
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.


Orbit 5
Server Version: 20100218
GS Reacq
Pointing Maneuver
Exp. 4
Exp. 5
Overhead
Pointing Maneuver
Exp. 6
Exp. 7
Pointing Maneuver
Overhead
Exp. 8
Pointing Maneuver
Overhead
Exp. 9
Overhead
Unused Visibility = 128
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit		
	Proposal 11987, Visit 29, scheduling	Fri Apr 16 01:25:15 GMT 2010
	Diagnostic Status: Error	
	Scientific Instruments: WFPC2	
	Special Requirements: ORIENT 277D TO 40 D	

Diagnostics	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): Illegal selection: WFPC2. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): IMAGE is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): IMAGE is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): CR-SPLIT is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): Illegal selection: WFPC2. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 4 (Visit 29)) Error (Form): IMAGE is not a valid selection (Exposure 4 (Visit 29)) Error (Form): Illegal selection: WFPC2. (Exposure 4 (Visit 29)) Error (Form): CR-SPLIT is not a valid selection (Exposure 4 (Visit 29)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 4 (Visit 29)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 5 (Visit 29)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 5 (Visit 29)) Error (Form): CR-SPLIT is not a valid selection (Exposure 5 (Visit 29)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 5 (Visit 29)) Error (Form): Illegal selection: WFPC2. (Exposure 5 (Visit 29)) Error (Form): IMAGE is not a valid selection (Exposure 6 (Visit 29)) Error (Form): Illegal selection: WFPC2. (Exposure 6 (Visit 29)) Error (Form): IMAGE is not a valid selection (Exposure 6 (Visit 29)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 6 (Visit 29)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 6 (Visit 29)) Error (Form): CR-SPLIT is not a valid selection

	(Exposure 7 (Visit 29)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal.
	(Exposure 7 (Visit 29)) Error (Form): CR-SPLIT is not a valid selection
	(Exposure 7 (Visit 29)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal.
	(Exposure 7 (Visit 29)) Error (Form): Illegal selection: WFPC2.
	(Exposure 7 (Visit 29)) Error (Form): IMAGE is not a valid selection
	(Exposure 8 (Visit 29)) Error (Form): IMAGE is not a valid selection
	(Exposure 8 (Visit 29)) Error (Form): Illegal selection: WFPC2.
	(Exposure 8 (Visit 29)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal.
	(Exposure 8 (Visit 29)) Error (Form): CR-SPLIT is not a valid selection
	(Exposure 8 (Visit 29)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal.
	(Exposure 9 (Visit 29)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal.
	(Exposure 9 (Visit 29)) Error (Form): IMAGE is not a valid selection
	(Exposure 9 (Visit 29)) Error (Form): CR-SPLIT is not a valid selection
	(Exposure 9 (Visit 29)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal.
	(Exposure 9 (Visit 29)) Error (Form): Illegal selection: WFPC2.
	(Visit 29) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 29) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 29) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 29) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 29) Warning (Orbit Planner): VISIBILITY OVERRUN
	(Visit 29) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 29) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 29) Warning (Orbit Planner): VISIBILITY OVERRUN
	(Visit 29) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC
	(Visit 29) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017	Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.130102 Center Pattern=false		(2)
(2)	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.4709 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false		(1), (3)

Fixed Targets

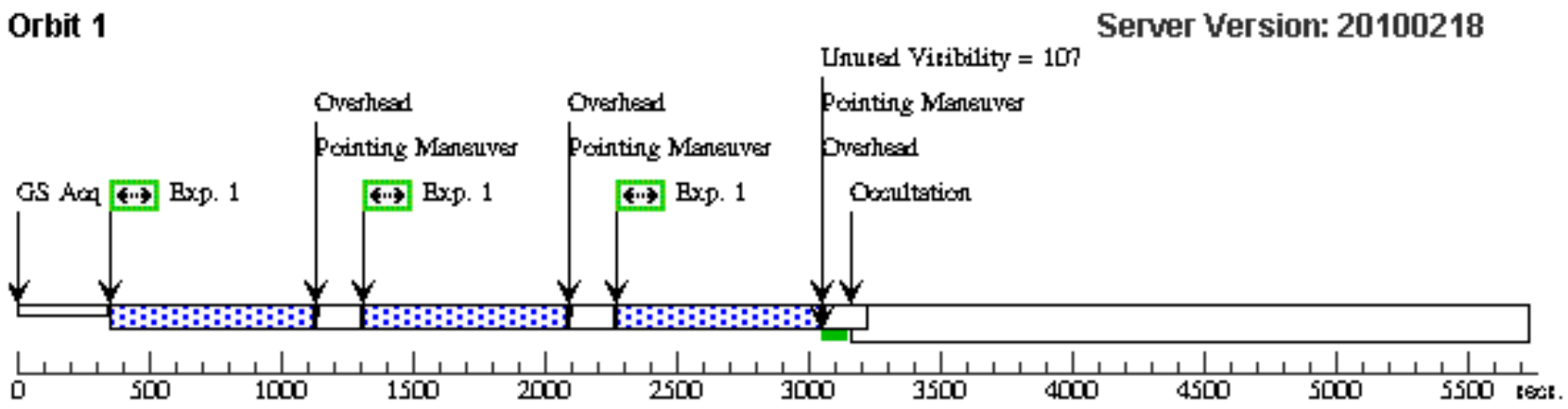
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(29)	NGC5408	RA: 14 03 21.1486 (210.8381192d) Dec: -41 22 50.90 (-41.38081d) Equinox: J2000		V=20.0+/-1.0	Reference Frame: OTHER

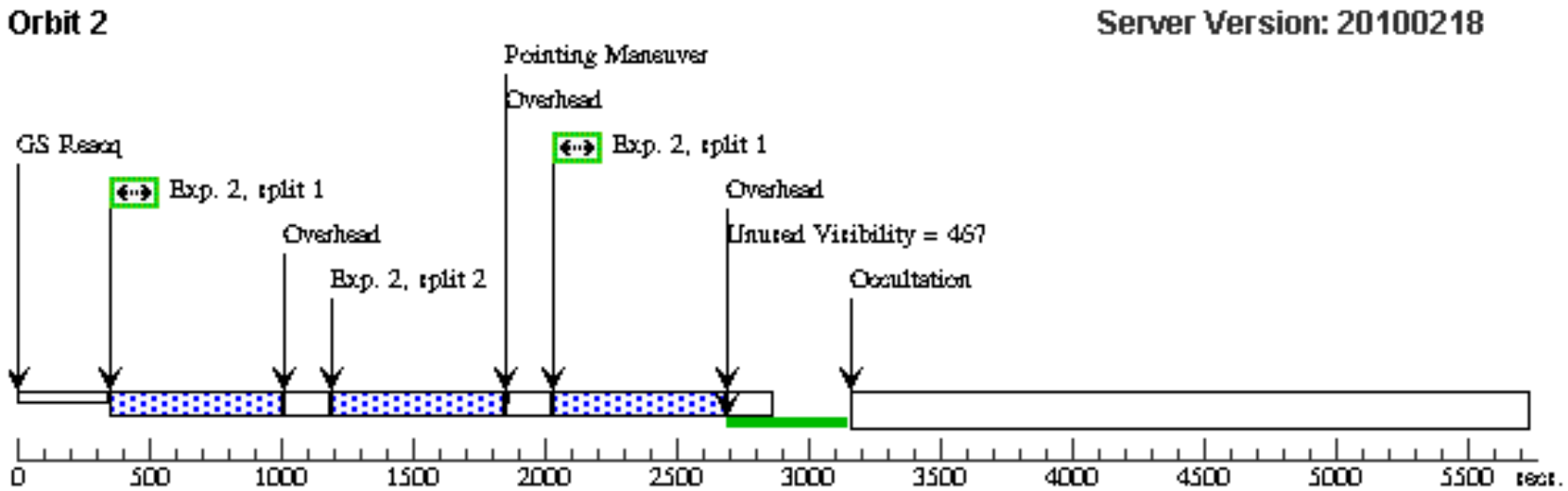
Comments: IBm 4.5MPc abs_Rmag -16.1

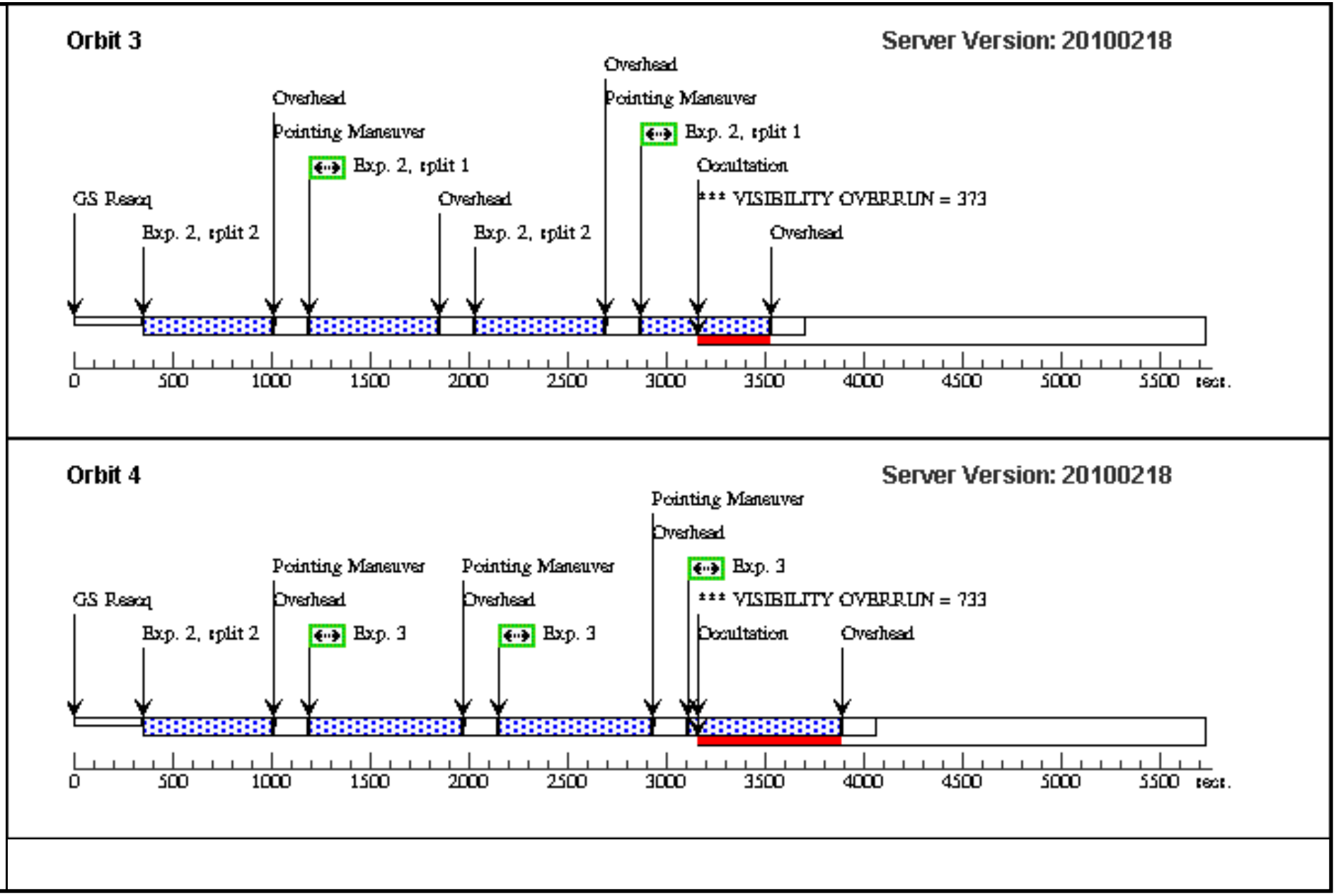
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(29) NGC5408	WFPC2, IMAGE, WFALL	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(29) NGC5408	WFPC2, IMAGE, WFALL	F336W	CR-SPLIT=NO		Pattern 1, Exps 2-2 (1)	1100.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[2]***
								[==>(Pattern 3)] *[==>(Pattern 4)]*	***[3]***
Comments: dither box over 2 orbits									
3		(29) NGC5408	WFPC2, IMAGE, WFALL	F656N	CR-SPLIT=NO		Pattern 2, Exps 3-3 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[4]***
Comments: 3pt line dither in one orbit									
4		(29) NGC5408	WFPC2, IMAGE, WFALL	F555W	CR-SPLIT=NO			180 Secs	
								[==>]	***[5]***
5		(29) NGC5408	WFPC2, IMAGE, WFALL	F814W	CR-SPLIT=NO			180 Secs	
								[==>]	***[5]***
6		(29) NGC5408	WFPC2, IMAGE, WFALL	F555W	CR-SPLIT=NO	POS TARG 0.333,0.333		180 Secs	
								[==>]	***[5]***
Comments: POS TARG 0.3330,0.3330									
7		(29) NGC5408	WFPC2, IMAGE, WFALL	F814W	CR-SPLIT=NO	SAME POS AS 6		180 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 6									
8		(29) NGC5408	WFPC2, IMAGE, WFALL	F555W	CR-SPLIT=NO	POS TARG -0.333,-0.333		160 Secs	
								[==>]	***[5]***
Comments: POS TARG -0.3330,-0.3330 *Reduced exposure time for 5 & 6 from 180s to 160s to make exposures 4-9 fit in one orbit.*									
9		(29) NGC5408	WFPC2, IMAGE, WFALL	F814W	CR-SPLIT=NO	SAME POS AS 6		160 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 8									

Orbit Structure






Orbit 3
Server Version: 20100218
Overhead
Pointing Maneuver
Exp. 2, split 1
Occultation
*** VISIBILITY OVERRUN = 373
GS Reacq
Exp. 2, split 2
Overhead
Exp. 2, split 2
Overhead
Pointing Maneuver
Exp. 2, split 1
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sect.
Orbit 4
Server Version: 20100218
Pointing Maneuver
Overhead
Exp. 3
*** VISIBILITY OVERRUN = 733
Occultation
Overhead
GS Reacq
Exp. 2, split 2
Pointing Maneuver
Overhead
Exp. 3
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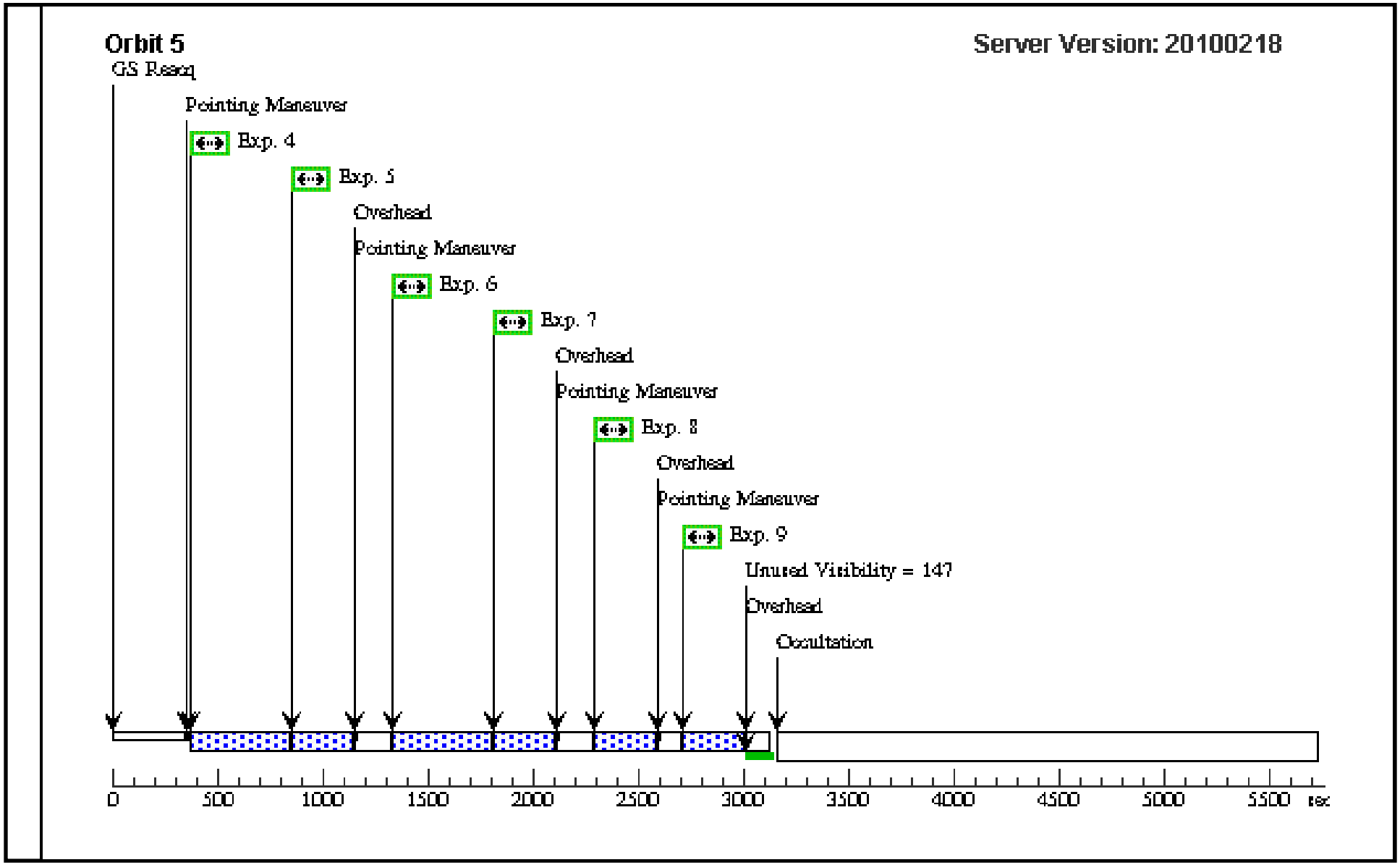
sect.


Orbit 5
Server Version: 20100218
GS Reacq
Pointing Maneuver
Exp. 4
Exp. 5
Overhead
Pointing Maneuver
Exp. 6
Exp. 7
Overhead
Pointing Maneuver
Exp. 8
Overhead
Pointing Maneuver
Exp. 9
Unused Visibility = 147
Overhead
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit		
	Proposal 11987, Visit 30, scheduling	Fri Apr 16 01:25:22 GMT 2010
	Diagnostic Status: Error	
	Scientific Instruments: WFPC2	
	Special Requirements: ORIENT 130D TO 300 D	

Diagnostics	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): Illegal selection: WFPC2. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): IMAGE is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): CR-SPLIT is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): Illegal selection: WFPC2. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): IMAGE is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 4 (Visit 30)) Error (Form): IMAGE is not a valid selection (Exposure 4 (Visit 30)) Error (Form): CR-SPLIT is not a valid selection (Exposure 4 (Visit 30)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 4 (Visit 30)) Error (Form): Illegal selection: WFPC2. (Exposure 4 (Visit 30)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 5 (Visit 30)) Error (Form): IMAGE is not a valid selection (Exposure 5 (Visit 30)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 5 (Visit 30)) Error (Form): CR-SPLIT is not a valid selection (Exposure 5 (Visit 30)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 5 (Visit 30)) Error (Form): Illegal selection: WFPC2. (Exposure 6 (Visit 30)) Error (Form): Illegal selection: WFPC2. (Exposure 6 (Visit 30)) Error (Form): IMAGE is not a valid selection (Exposure 6 (Visit 30)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 6 (Visit 30)) Error (Form): CR-SPLIT is not a valid selection (Exposure 6 (Visit 30)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 7 (Visit 30)) Error (Form): IMAGE is not a valid selection

(Exposure 7 (Visit 30)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 7 (Visit 30)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 7 (Visit 30)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 7 (Visit 30)) Error (Form): Illegal selection: WFPC2.

(Exposure 8 (Visit 30)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 8 (Visit 30)) Error (Form): IMAGE is not a valid selection

(Exposure 8 (Visit 30)) Error (Form): Illegal selection: WFPC2.

(Exposure 8 (Visit 30)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 8 (Visit 30)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 9 (Visit 30)) Error (Form): Illegal selection: WFPC2.

(Exposure 9 (Visit 30)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 9 (Visit 30)) Error (Form): IMAGE is not a valid selection

(Exposure 9 (Visit 30)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 9 (Visit 30)) Error (Form): CR-SPLIT is not a valid selection

(Visit 30) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 30) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 30) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 30) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 30) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 30) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 30) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 30) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 30) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 30) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017	Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.130102 Center Pattern=false		(2)
(2)	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.4709 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false		(1), (3)

Fixed Targets

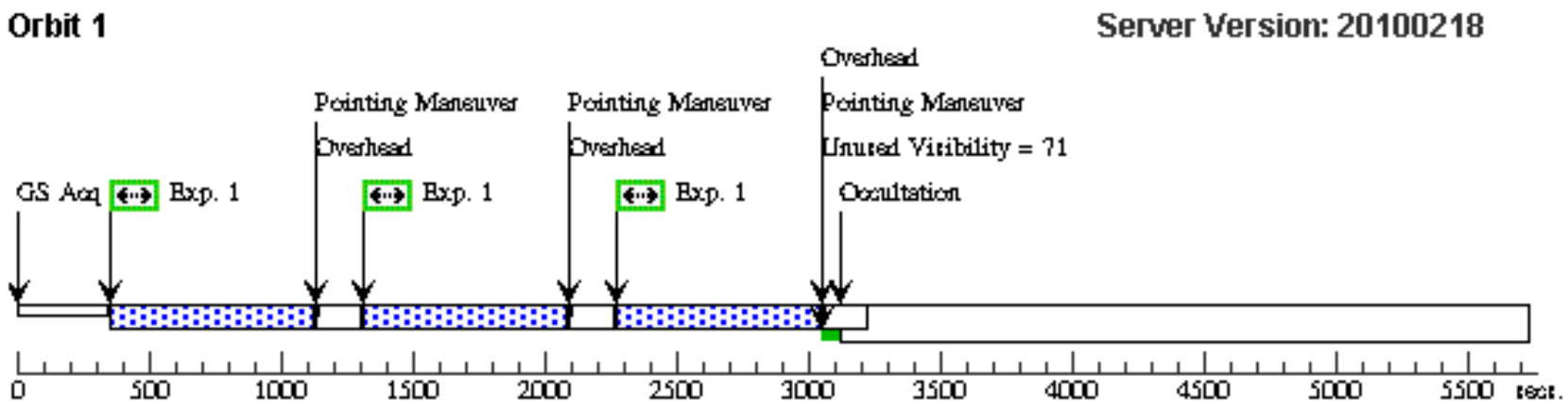
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(30)	NGC5713	RA: 14 40 11.4500 (220.0477083d) Dec: -00 17 21.20 (-.28922d) Equinox: J2000		V=20.0+/-1.0	Reference Frame: OTHER

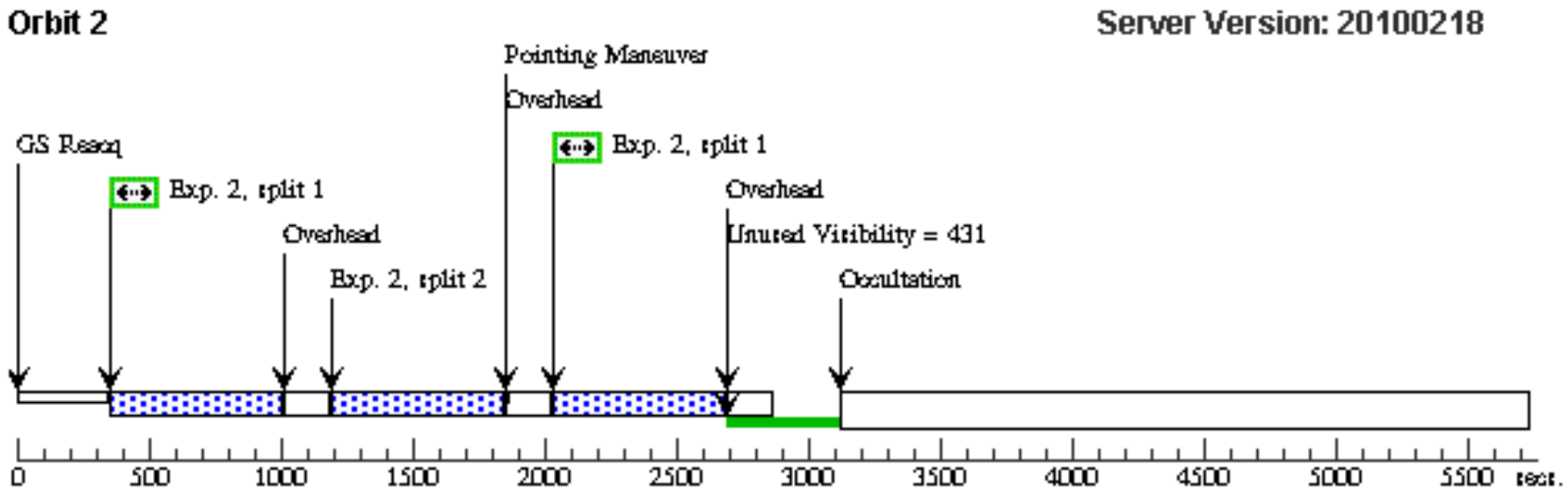
Comments: SABbcp 26.6MPc abs_Rmag -20.9

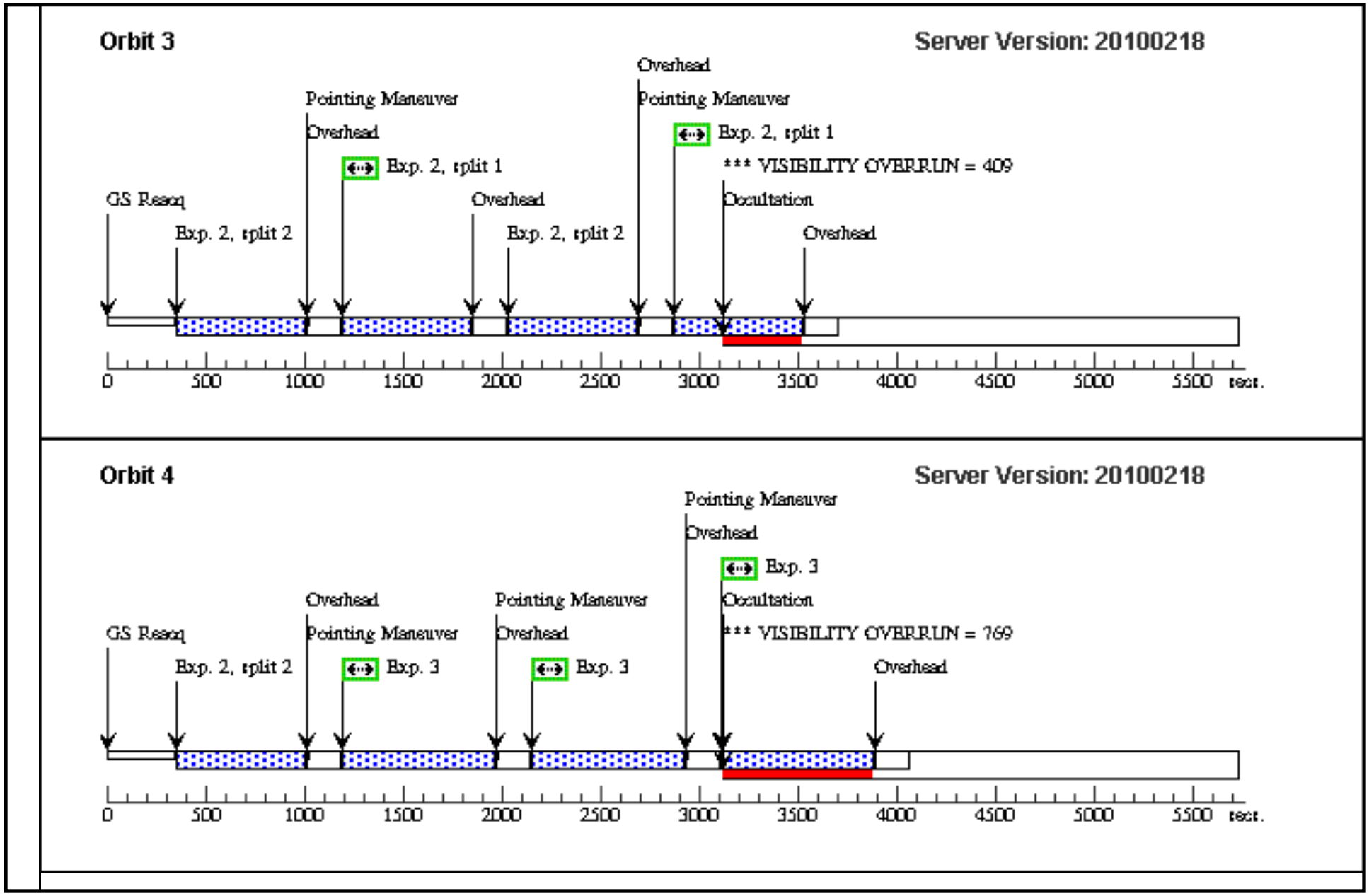
Exposures

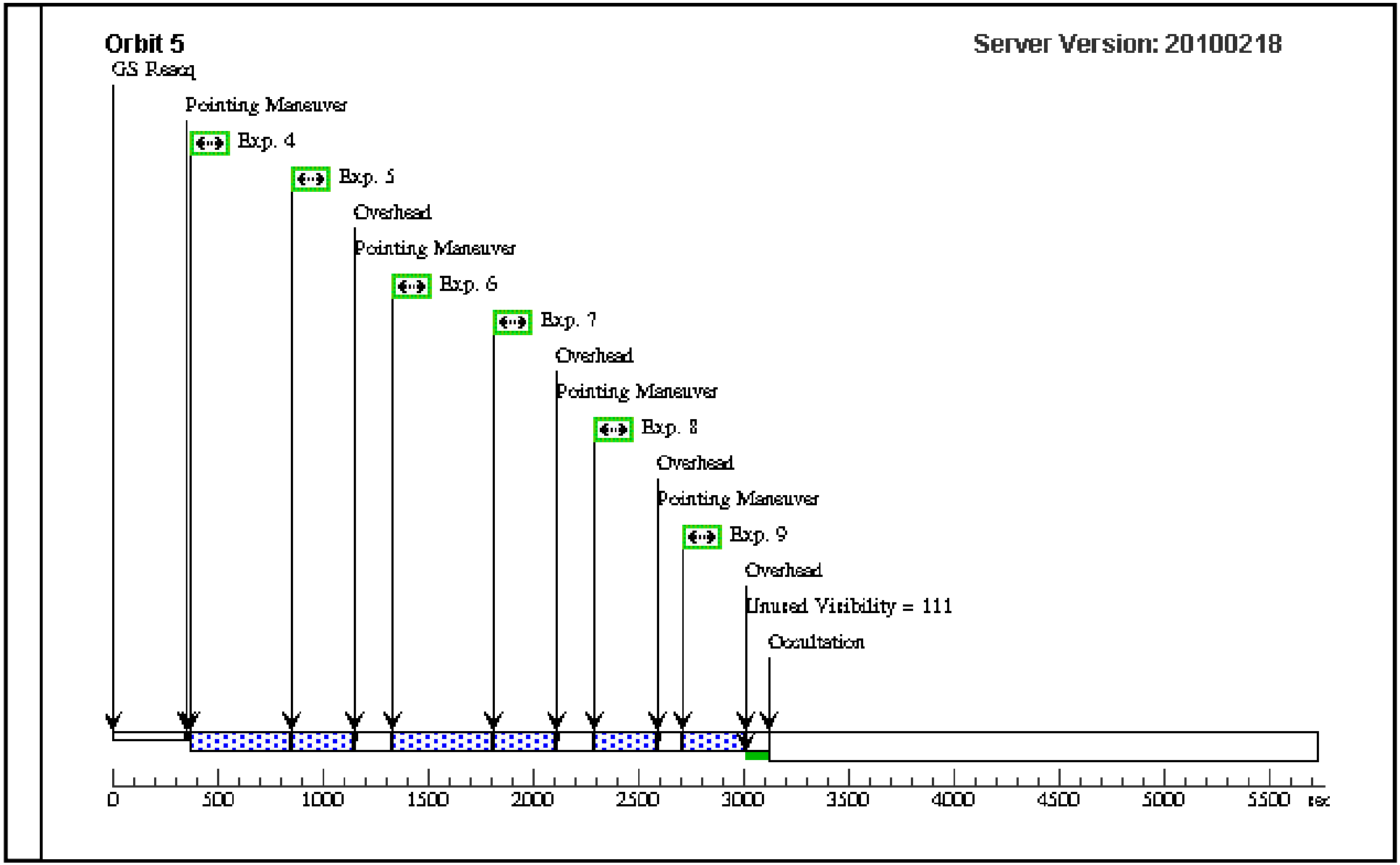
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(30) NGC5713	WFPC2, IMAGE, WFALL	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(30) NGC5713	WFPC2, IMAGE, WFALL	F336W	CR-SPLIT=NO		Pattern 1, Exps 2-2 (1)	1100.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[2]***
								[==>(Pattern 3)] *[==>(Pattern 4)]*	***[3]***
Comments: dither box over 2 orbits									
3		(30) NGC5713	WFPC2, IMAGE, WFALL	F658N	CR-SPLIT=NO		Pattern 2, Exps 3-3 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[4]***
Comments: 3pt line dither in one orbit									
4		(30) NGC5713	WFPC2, IMAGE, WFALL	F555W	CR-SPLIT=NO			180 Secs	
								[==>]	***[5]***
5		(30) NGC5713	WFPC2, IMAGE, WFALL	F814W	CR-SPLIT=NO			180 Secs	
								[==>]	***[5]***
6		(30) NGC5713	WFPC2, IMAGE, WFALL	F555W	CR-SPLIT=NO	POS TARG 0.333,0.333		180 Secs	
								[==>]	***[5]***
Comments: POS TARG 0.3330,0.3330									
7		(30) NGC5713	WFPC2, IMAGE, WFALL	F814W	CR-SPLIT=NO	SAME POS AS 6		180 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 6									
8		(30) NGC5713	WFPC2, IMAGE, WFALL	F555W	CR-SPLIT=NO	POS TARG -0.333,-0.333		160 Secs	
								[==>]	***[5]***
Comments: POS TARG -0.3330,-0.3330 *Reduced exposure time for 5 & 6 from 180s to 160s to make exposures 4-9 fit in one orbit.*									
9		(30) NGC5713	WFPC2, IMAGE, WFALL	F814W	CR-SPLIT=NO	SAME POS AS 6		160 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 8									

Orbit Structure






Orbit 3
Server Version: 20100218
Overhead
Pointing Maneuver
Pointing Maneuver
Overhead
Exp. 2, split 1
Exp. 2, split 1
*** VISIBILITY OVERRUN = 409
GS Reacq
Overhead
Occultation
Exp. 2, split 2
Exp. 2, split 2
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Orbit 4
Server Version: 20100218
Pointing Maneuver
Overhead
Exp. 3
Overhead
Pointing Maneuver
Occultation
GS Reacq
Pointing Maneuver
Overhead
*** VISIBILITY OVERRUN = 769
Exp. 2, split 2
Exp. 3
Exp. 3
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.


Orbit 5
Server Version: 20100218
GS Reacq
Pointing Maneuver
Exp. 4
Exp. 5
Overhead
Pointing Maneuver
Exp. 6
Exp. 7
Overhead
Pointing Maneuver
Exp. 8
Overhead
Pointing Maneuver
Exp. 9
Overhead
Unused Visibility = 111
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit		
	Proposal 11987, Visit 31, implementation	Fri Apr 16 01:25:29 GMT 2010
	Diagnostic Status: Error	
	Scientific Instruments: WFPC2	
	Special Requirements: (none)	

Diagnostics	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): IMAGE is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): Illegal selection: WFPC2. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection (Exposure 3 (Visit 31)) Error (Form): IMAGE is not a valid selection (Exposure 3 (Visit 31)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 3 (Visit 31)) Error (Form): CR-SPLIT is not a valid selection (Exposure 3 (Visit 31)) Error (Form): Illegal selection: WFPC2. (Exposure 3 (Visit 31)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 4 (Visit 31)) Error (Form): CR-SPLIT is not a valid selection (Exposure 4 (Visit 31)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 4 (Visit 31)) Error (Form): Illegal selection: WFPC2. (Exposure 4 (Visit 31)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 4 (Visit 31)) Error (Form): IMAGE is not a valid selection (Exposure 5 (Visit 31)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 5 (Visit 31)) Error (Form): IMAGE is not a valid selection (Exposure 5 (Visit 31)) Error (Form): Illegal selection: WFPC2. (Exposure 5 (Visit 31)) Error (Form): CR-SPLIT is not a valid selection (Exposure 5 (Visit 31)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 6 (Visit 31)) Error (Form): Illegal selection: WFPC2. (Exposure 6 (Visit 31)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 6 (Visit 31)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 6 (Visit 31)) Error (Form): CR-SPLIT is not a valid selection (Exposure 6 (Visit 31)) Error (Form): IMAGE is not a valid selection

(Exposure 7 (Visit 31)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 7 (Visit 31)) Error (Form): Illegal selection: WFPC2.

(Exposure 7 (Visit 31)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 7 (Visit 31)) Error (Form): IMAGE is not a valid selection

(Exposure 7 (Visit 31)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 8 (Visit 31)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 8 (Visit 31)) Error (Form): Illegal selection: WFPC2.

(Exposure 8 (Visit 31)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 8 (Visit 31)) Error (Form): IMAGE is not a valid selection

(Exposure 8 (Visit 31)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Visit 31) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 31) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 31) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 31) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 31) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 31) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 31) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 31) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 31) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 31) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 31) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017	Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.130102 Center Pattern=false		(2)
(2)	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.4709 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

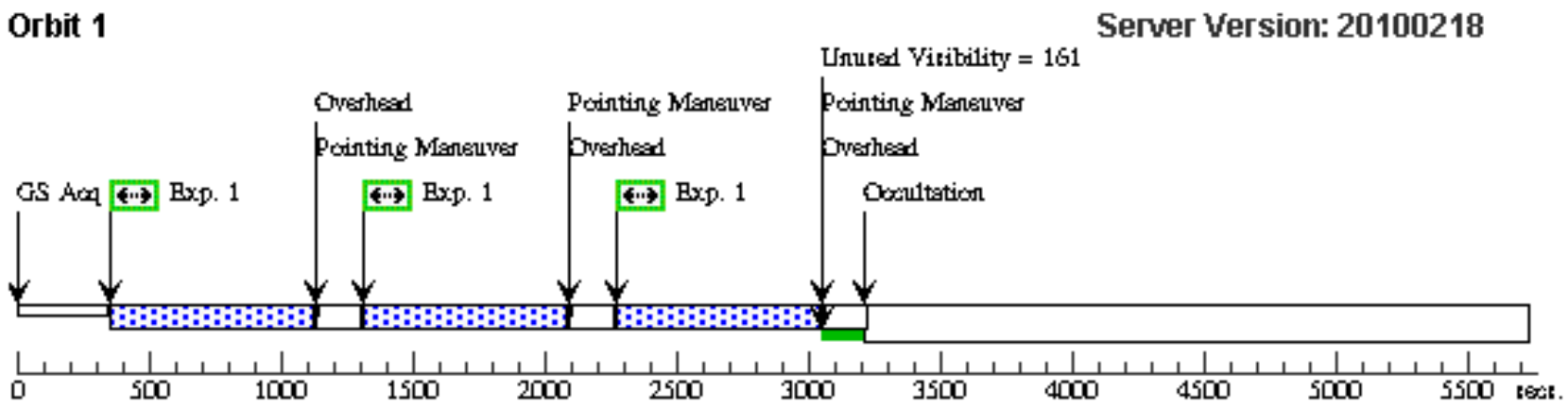
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(31)	NGC5866	RA: 15 06 29.6000 (226.6233333d) Dec: +55 45 47.90 (55.76331d) Equinox: J2000		V=20.0+/-1.0	Reference Frame: OTHER

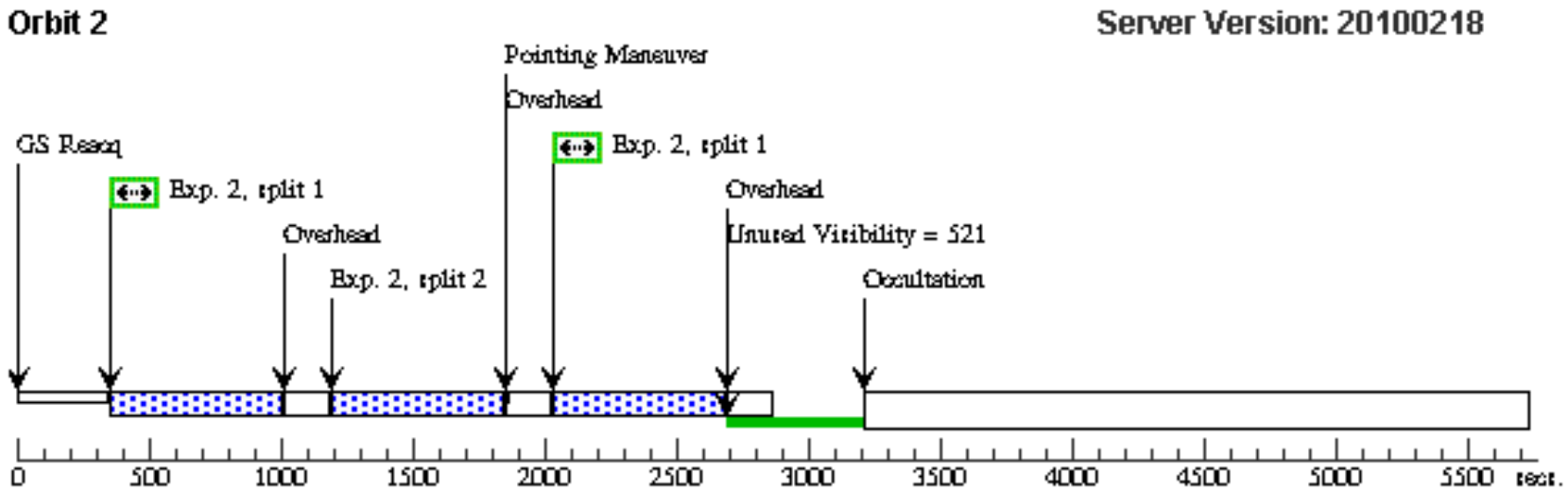
Comments: S0 12.5MPc abs_Rmag -19.9

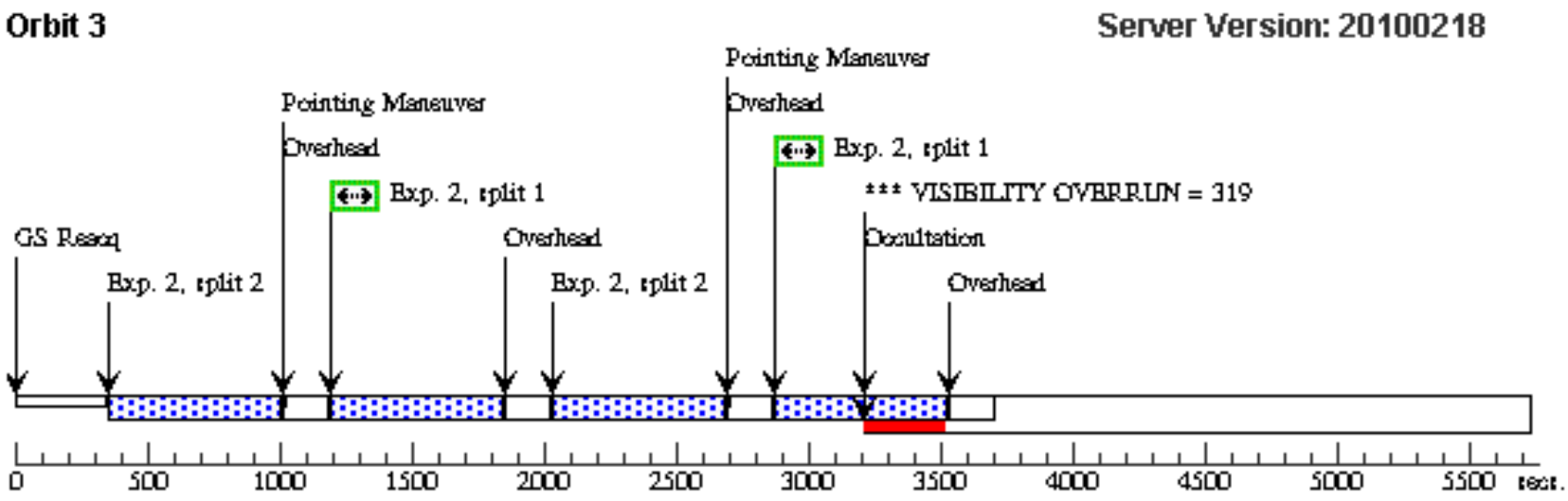
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(31) NGC5866	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 2, Exps 1-1 (2)	600.0 Secs *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(31) NGC5866	WFPC2, IMAGE, WF3	F336W	CR-SPLIT=NO		Pattern 1, Exps 2-2 (1)	1100.0 Secs *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
								[==>(Pattern 3)] *[==>(Pattern 4)]*	***[3]***
Comments: dither box over 2 orbits									
3		(31) NGC5866	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO			200.0 Secs *[==>]*	***[4]***
4		(31) NGC5866	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO			200.0 Secs *[==>]*	***[4]***
5		(31) NGC5866	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG 0.333,0.333		200.0 Secs *[==>]*	***[4]***
Comments: POS TARG 0.3330,0.3330									
6		(31) NGC5866	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 5		200.0 Secs *[==>]*	***[4]***
Comments: SAME POS AS 6									
7		(31) NGC5866	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG -0.333,-0.333		200.0 Secs *[==>]*	***[4]***
Comments: POS TARG -0.3330,-0.3330									
8		(31) NGC5866	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 5		200.0 Secs *[==>]*	***[4]***
Comments: SAME POS AS 8									

Orbit Structure






Orbit 3
Server Version: 20100218
Pointing Maneuver
Overhead
Exp. 2, split 1
*** VISIBILITY OVERRUN = 319
Occultation
Overhead
Pointing Maneuver
Overhead
Exp. 2, split 1
GS Reacq
Exp. 2, split 2
Overhead
Exp. 2, split 2
0
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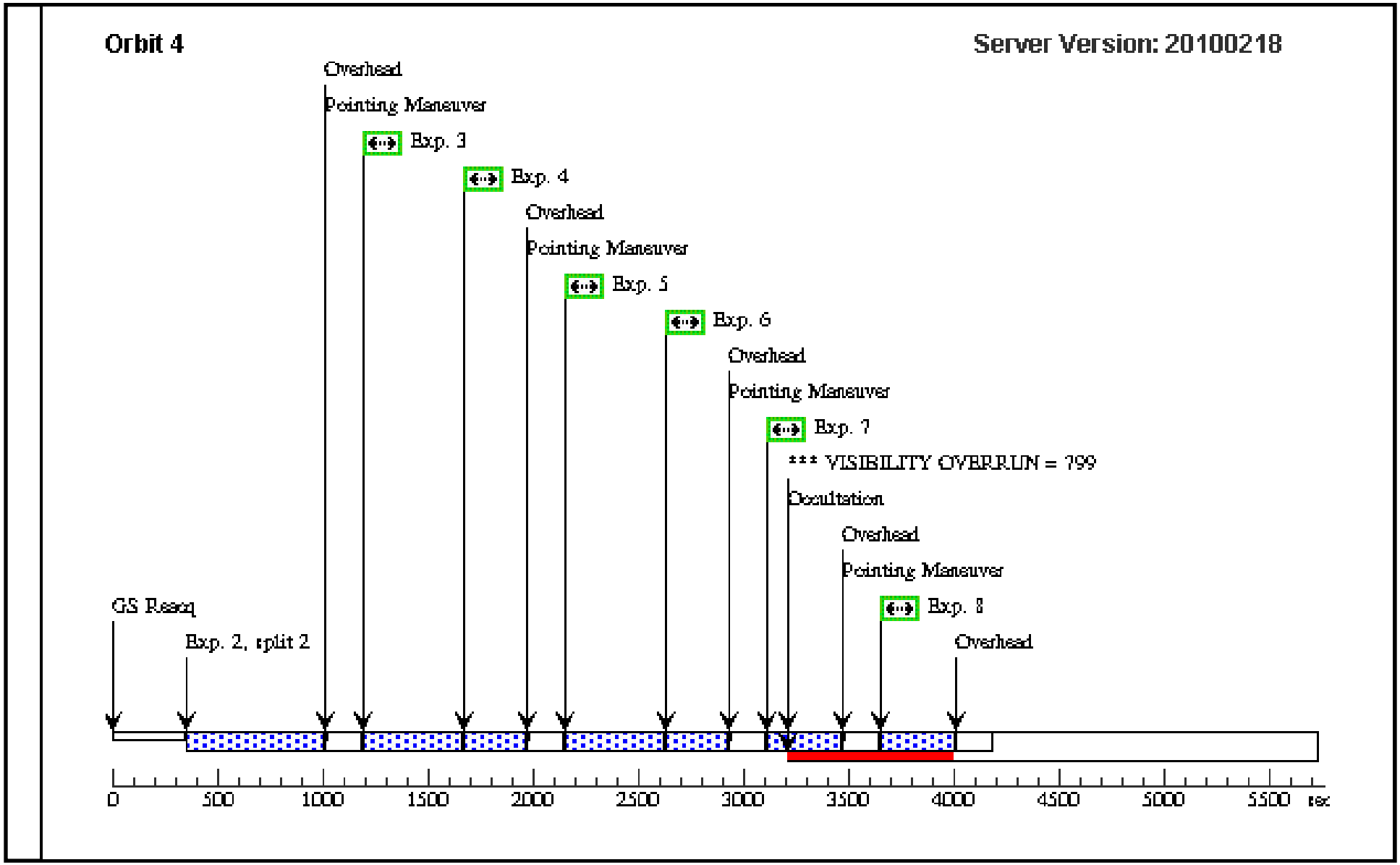
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.


Orbit 4
Server Version: 20100218
Overhead
Pointing Maneuver
Exp. 3
Exp. 4
Overhead
Pointing Maneuver
Exp. 5
Exp. 6
Overhead
Pointing Maneuver
Exp. 7
*** VISIBILITY OVERRUN = 799
Occultation
Overhead
Pointing Maneuver
Exp. 8
Overhead
GS Reacq
Exp. 2, split 2
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit		
	Proposal 11987, Visit 32, scheduling	Fri Apr 16 01:25:36 GMT 2010
	Diagnostic Status: Error	
	Scientific Instruments: WFPC2	
	Special Requirements: ORIENT 264D TO 280 D	

Diagnostics	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 2 (Visit 32)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 2 (Visit 32)) Error (Form): Illegal selection: WFPC2. (Exposure 2 (Visit 32)) Error (Form): CR-SPLIT is not a valid selection (Exposure 2 (Visit 32)) Error (Form): IMAGE is not a valid selection (Exposure 2 (Visit 32)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 3 (Visit 32)) Error (Form): Illegal selection: WFPC2. (Exposure 3 (Visit 32)) Error (Form): IMAGE is not a valid selection (Exposure 3 (Visit 32)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 3 (Visit 32)) Error (Form): CR-SPLIT is not a valid selection (Exposure 3 (Visit 32)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 4 (Visit 32)) Error (Form): CR-SPLIT is not a valid selection (Exposure 4 (Visit 32)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 4 (Visit 32)) Error (Form): IMAGE is not a valid selection (Exposure 4 (Visit 32)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 4 (Visit 32)) Error (Form): Illegal selection: WFPC2. (Exposure 5 (Visit 32)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 5 (Visit 32)) Error (Form): CR-SPLIT is not a valid selection (Exposure 5 (Visit 32)) Error (Form): IMAGE is not a valid selection (Exposure 5 (Visit 32)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 5 (Visit 32)) Error (Form): Illegal selection: WFPC2. (Exposure 6 (Visit 32)) Error (Form): IMAGE is not a valid selection (Exposure 6 (Visit 32)) Error (Form): CR-SPLIT is not a valid selection (Exposure 6 (Visit 32)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 6 (Visit 32)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 6 (Visit 32)) Error (Form): Illegal selection: WFPC2.

(Exposure 7 (Visit 32)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 7 (Visit 32)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 7 (Visit 32)) Error (Form): Illegal selection: WFPC2.

(Exposure 7 (Visit 32)) Error (Form): IMAGE is not a valid selection

(Exposure 7 (Visit 32)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

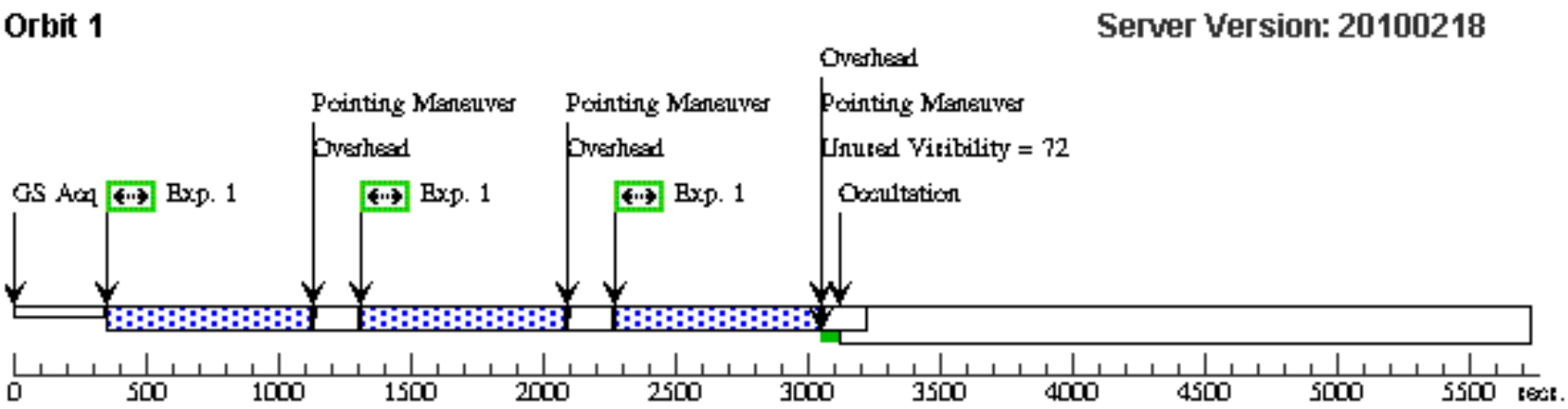
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(32)	NGC6822	RA: 19 45 5.5077 (296.2729488d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: -14 43 21.41 (-14.72261d)			
		Equinox: J2000			

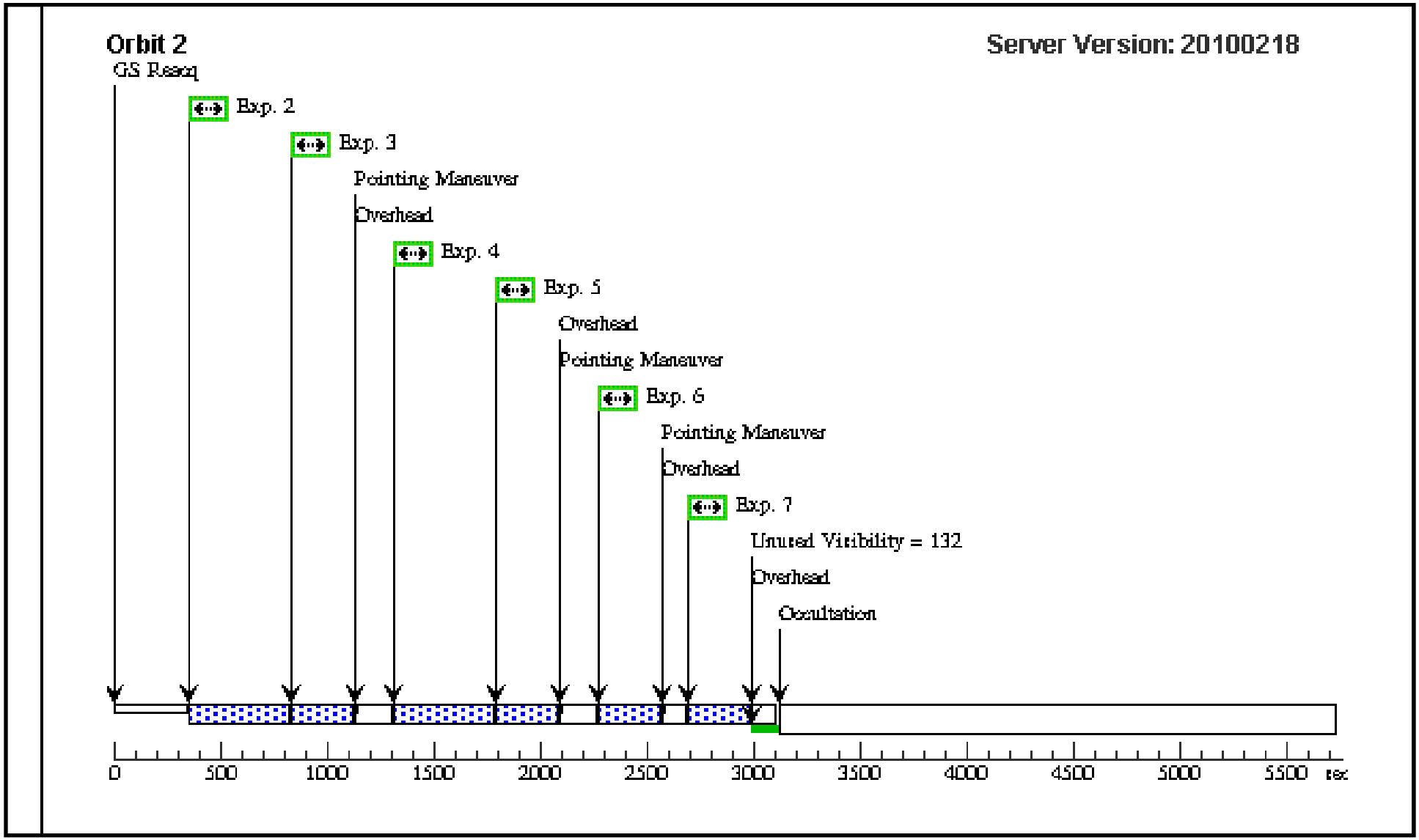
Comments: IBm 0.6MPc abs_Rmag -13.8

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(32) NGC6822	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(32) NGC6822	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO			180 Secs	
								[==>]	***[2]***
3		(32) NGC6822	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO			180 Secs	
								[==>]	***[2]***
4		(32) NGC6822	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG 0.333,0.333		180 Secs	
								[==>]	***[2]***
Comments: POS TARG 0.3330,0.3330									
5		(32) NGC6822	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 4		180 Secs	
								[==>]	***[2]***
Comments: SAME POS AS 6									
6		(32) NGC6822	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	POS TARG -0.333,-0.333		160 Secs	
								[==>]	***[2]***
Comments: POS TARG -0.3330,-0.3330 *Reduced exposure time for 5 & 6 from 180s to 160s to make exposures 4-9 fit in one orbit.*									
7		(32) NGC6822	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO	SAME POS AS 4		160 Secs	
								[==>]	***[2]***
Comments: SAME POS AS 8									

Orbit Structure




Orbit 2
Server Version: 20100218
GS Reacq
Exp. 2
Exp. 3
Pointing Maneuver
Overhead
Exp. 4
Exp. 5
Overhead
Pointing Maneuver
Exp. 6
Pointing Maneuver
Overhead
Exp. 7
Unused Visibility = 132
Overhead
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit		
	Proposal 11987, Visit 33, scheduling	Fri Apr 16 01:25:36 GMT 2010
	Diagnostic Status: Error	
	Scientific Instruments: WFPC2	
	Special Requirements: ORIENT 214D TO 260 D	

Diagnostics	(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): IMAGE is not a valid selection (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 2 (Pattern 1, Exps 2-2)) Error (Form): Illegal selection: WFPC2. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): IMAGE is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): CR-SPLIT is not a valid selection (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): Illegal selection: WFPC2. (Exposure 3 (Pattern 2, Exps 3-3)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 4 (Visit 33)) Error (Form): Illegal selection: WFPC2. (Exposure 4 (Visit 33)) Error (Form): IMAGE is not a valid selection (Exposure 4 (Visit 33)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 4 (Visit 33)) Error (Form): CR-SPLIT is not a valid selection (Exposure 4 (Visit 33)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 5 (Visit 33)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 5 (Visit 33)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 5 (Visit 33)) Error (Form): IMAGE is not a valid selection (Exposure 5 (Visit 33)) Error (Form): Illegal selection: WFPC2. (Exposure 5 (Visit 33)) Error (Form): CR-SPLIT is not a valid selection (Exposure 6 (Visit 33)) Error (Form): IMAGE is not a valid selection (Exposure 6 (Visit 33)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE This value is by default illegal. (Exposure 6 (Visit 33)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2 It is a Restricted option and can only be used in an engineering proposal. (Exposure 6 (Visit 33)) Error (Form): Illegal selection: WFPC2. (Exposure 6 (Visit 33)) Error (Form): CR-SPLIT is not a valid selection (Exposure 7 (Visit 33)) Error (Form): IMAGE is not a valid selection

(Exposure 7 (Visit 33)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 7 (Visit 33)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 7 (Visit 33)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 7 (Visit 33)) Error (Form): Illegal selection: WFPC2.

(Exposure 8 (Visit 33)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 8 (Visit 33)) Error (Form): Illegal selection: WFPC2.

(Exposure 8 (Visit 33)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 8 (Visit 33)) Error (Form): IMAGE is not a valid selection

(Exposure 8 (Visit 33)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 9 (Visit 33)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 9 (Visit 33)) Error (Form): IMAGE is not a valid selection

(Exposure 9 (Visit 33)) Error (Form): Illegal selection: WFPC2.

(Exposure 9 (Visit 33)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 9 (Visit 33)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Visit 33) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 33) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 33) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 33) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 33) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 33) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 33) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 33) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 33) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 33) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017	Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.130102 Center Pattern=false		(2)
(2)	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.4709 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false		(1), (3)

Fixed Targets

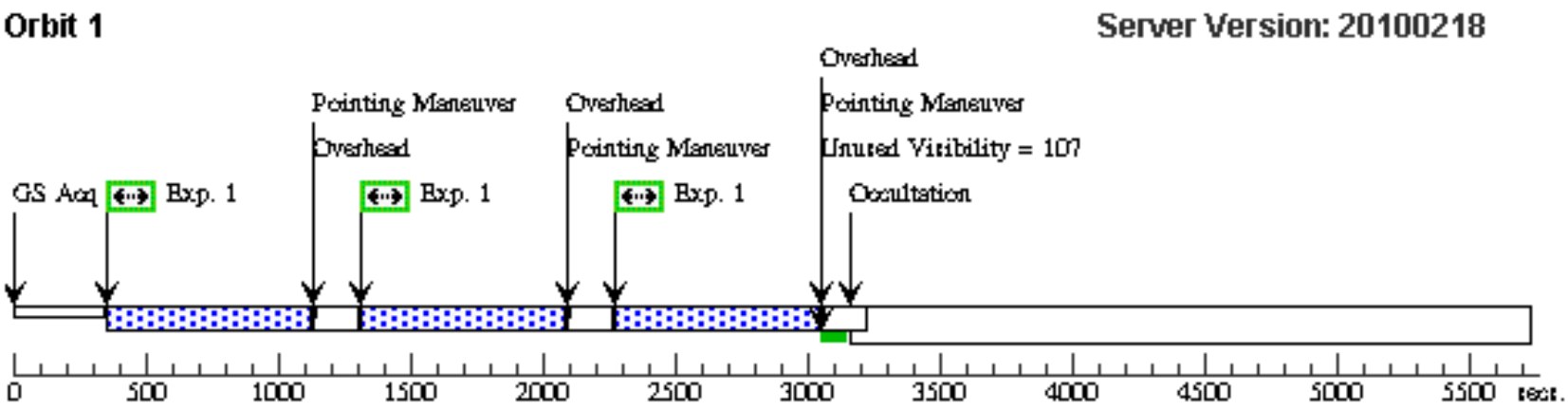
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(33)	NGC7552	RA: 23 16 10.8724 (349.0453017d) Dec: -42 35 2.60 (-42.58406d) Equinox: J2000		V=20.0+/-1.0	Reference Frame: OTHER

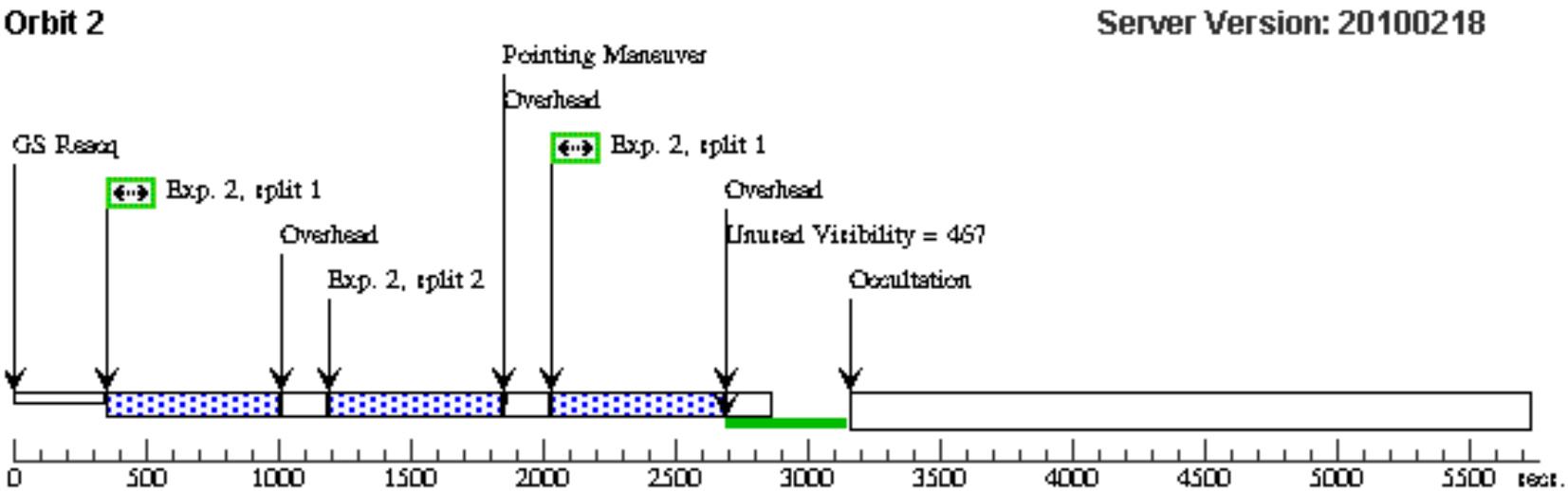
Comments: SAc 22.3MPc abs_Rmag -21.7

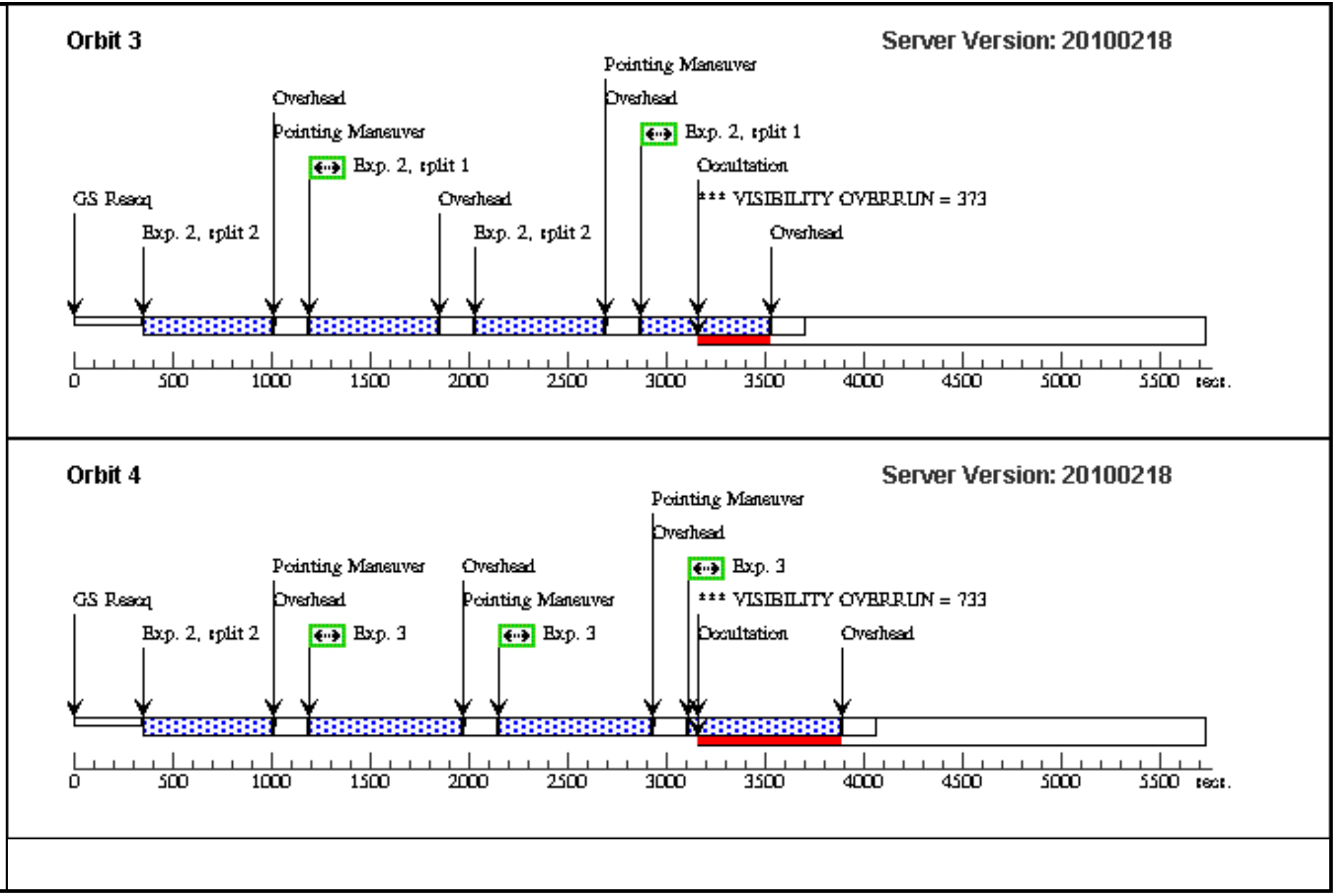
Exposures

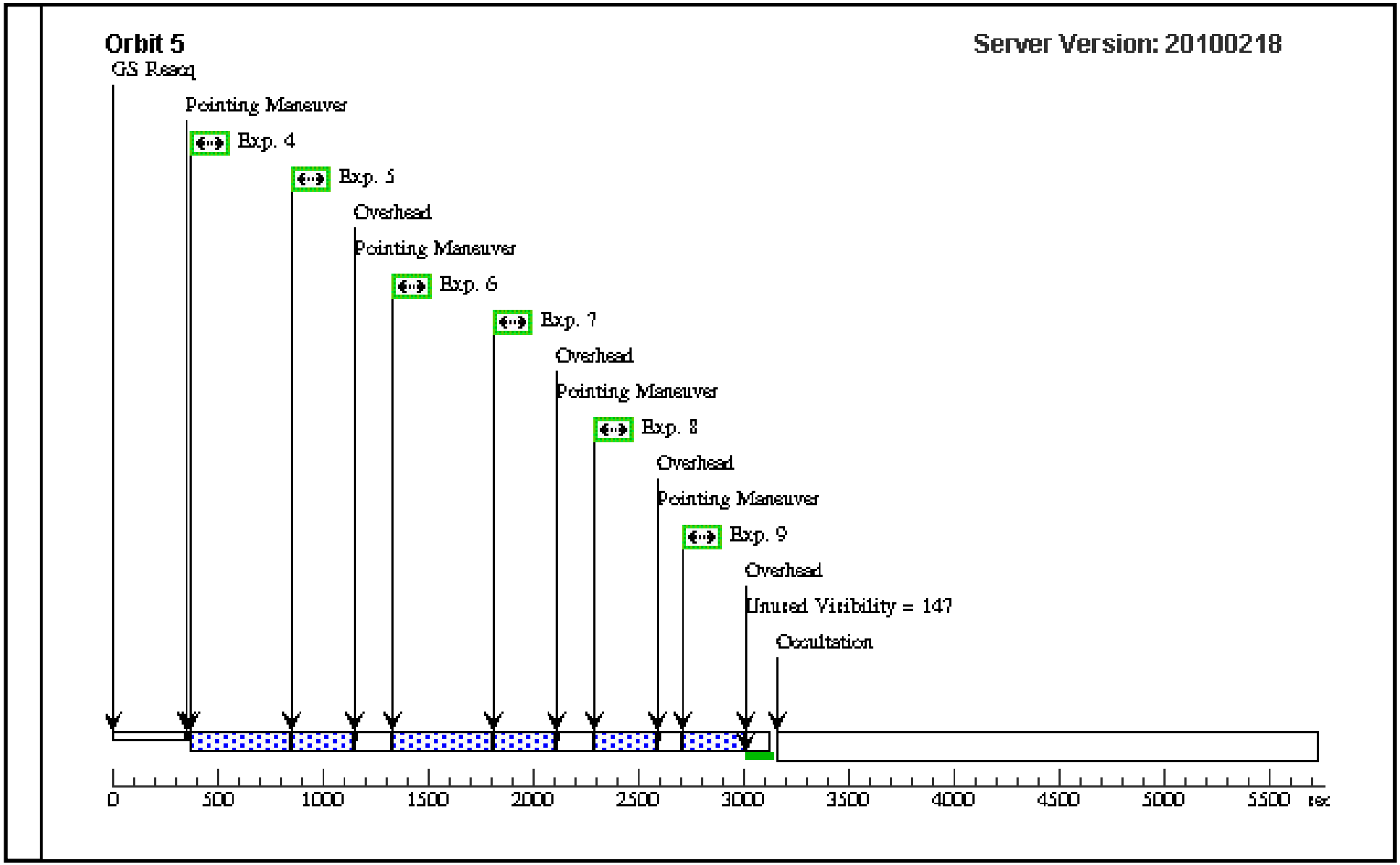
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(33) NGC7552	WFPC2, IMAGE, WFALL	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt line dither in one orbit									
2		(33) NGC7552	WFPC2, IMAGE, WFALL	F336W	CR-SPLIT=NO		Pattern 1, Exps 2-2 (1)	1100.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[2]***
								[==>(Pattern 3)] *[==>(Pattern 4)]*	***[3]***
Comments: dither box over 2 orbits									
3		(33) NGC7552	WFPC2, IMAGE, WFALL	F658N	CR-SPLIT=NO		Pattern 2, Exps 3-3 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[4]***
Comments: 3pt line dither in one orbit									
4		(33) NGC7552	WFPC2, IMAGE, WFALL	F555W	CR-SPLIT=NO			180 Secs	
								[==>]	***[5]***
5		(33) NGC7552	WFPC2, IMAGE, WFALL	F814W	CR-SPLIT=NO			180 Secs	
								[==>]	***[5]***
6		(33) NGC7552	WFPC2, IMAGE, WFALL	F555W	CR-SPLIT=NO	POS TARG 0.333,0.333		180 Secs	
								[==>]	***[5]***
Comments: POS TARG 0.3330,0.3330									
7		(33) NGC7552	WFPC2, IMAGE, WFALL	F814W	CR-SPLIT=NO	SAME POS AS 6		180 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 6									
8		(33) NGC7552	WFPC2, IMAGE, WFALL	F555W	CR-SPLIT=NO	POS TARG -0.333,-0.333		160 Secs	
								[==>]	***[5]***
Comments: POS TARG -0.3330,-0.3330 *Reduced exposure time for 5 & 6 from 180s to 160s to make exposures 4-9 fit in one orbit.*									
9		(33) NGC7552	WFPC2, IMAGE, WFALL	F814W	CR-SPLIT=NO	SAME POS AS 6		160.0 Secs	
								[==>]	***[5]***
Comments: SAME POS AS 8									

Orbit Structure






Orbit 3
Server Version: 20100218
Pointing Maneuver
Overhead
Overhead
Pointing Maneuver
Exp. 2, split 1
Exp. 2, split 1
Occultation
GS Reacq
Overhead
*** VISIBILITY OVERRUN = 373
Exp. 2, split 2
Exp. 2, split 2
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Orbit 4
Server Version: 20100218
Pointing Maneuver
Overhead
Pointing Maneuver
Overhead
Overhead
Exp. 3
GS Reacq
Pointing Maneuver
*** VISIBILITY OVERRUN = 733
Exp. 2, split 2
Exp. 3
Exp. 3
Occultation
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.


Orbit 5
Server Version: 20100218
GS Reacq
Pointing Maneuver
Exp. 4
Exp. 5
Overhead
Pointing Maneuver
Exp. 6
Exp. 7
Overhead
Pointing Maneuver
Exp. 8
Overhead
Pointing Maneuver
Exp. 9
Overhead
Unused Visibility = 147
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 34, scheduling Fri Apr 16 01:25:43 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: ORIENT 219D TO 244 D

Diagnostics

(Exposure 1 (Pattern 1, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 1, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 1, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 1, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 1, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Visit 34) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 34) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 34) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 34) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 34) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 34) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 34) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 34) Warning (Orbit Planner): EXPOSURE TIME DECREASED FOR WFPC

(Visit 34) Warning (Orbit Planner): VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=26.56505		
	Number Of Points=4	Angle Between Sides=143.130102		
	Point Spacing=0.559017	Center Pattern=false		
	Line Spacing=0.559017			

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(34)	NGC7793	RA: 23 57 48.6800 (359.4528333d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: -32 33 24.59 (-32.55683d)			
		Equinox: J2000			

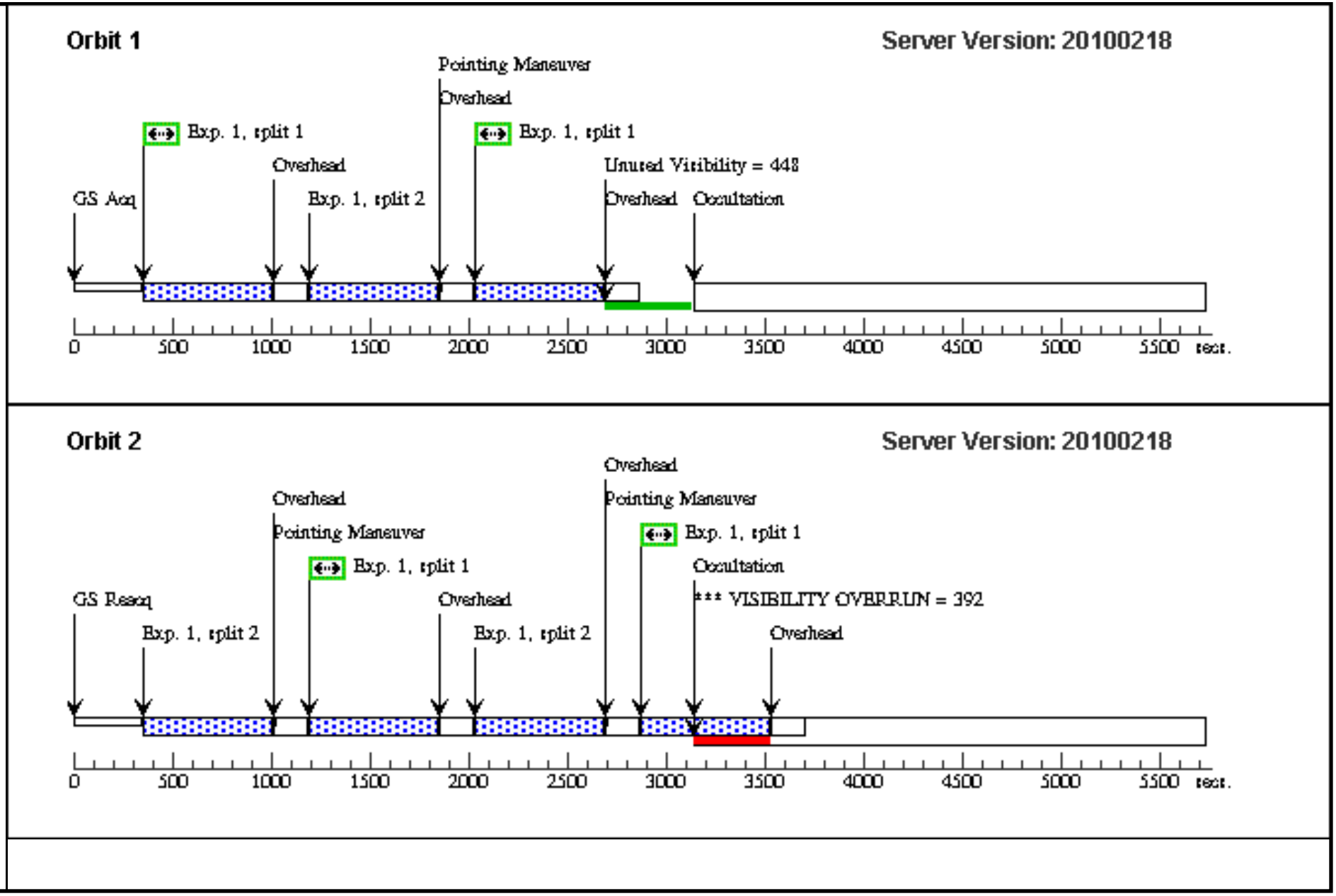
Comments: SAd 3.2MPc abs_Rmag -18.2

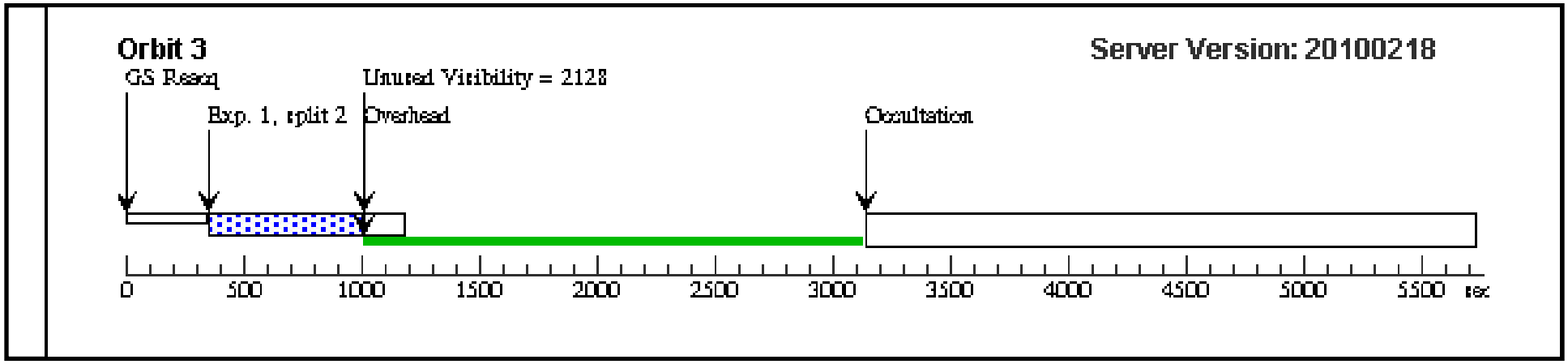
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(34) NGC7793	WFPC2, IMAGE, WF3	F336W	CR-SPLIT=NO		Pattern 1, Exps 1-1 (1)	1100.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[1]***
								[==>(Pattern 3)] *[==>(Pattern 4)]*	***[2]***

Comments: dither box over 2 orbits

Orbit Structure




Orbit 3
Server Version: 20100218
GS Reacq
Unused Visibility = 2128
Exp. 1, split 2
Overhead
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 35, implementation Fri Apr 16 01:25:49 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

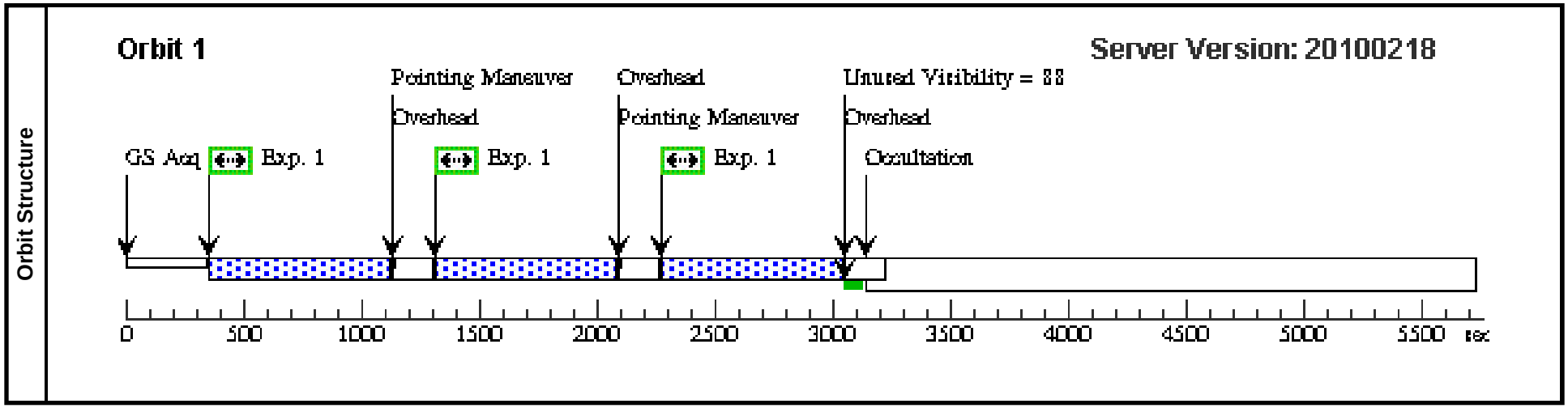
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(35)	NGC7793-POS1	RA: 23 57 40.9000 (359.4204167d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: -32 35 21.00 (-32.58917d)			
		Equinox: J2000			

Comments: SAd 3.2MPc abs_Rmag -18.2

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(35) NGC7793-POS 1	WFPC2, IMAGE, WFALL	F656N	CR-SPLIT=NO	GS ACQ SCENARI O BASE1T3	Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit


Orbit Structure
Orbit 1
Server Version: 20100218
Pointing Maneuver
Overhead
Overhead
Pointing Maneuver
Unused Visibility = 88
Overhead
GS Acq
Exp. 1
Exp. 1
Exp. 1
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 41, implementation Fri Apr 16 01:25:49 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

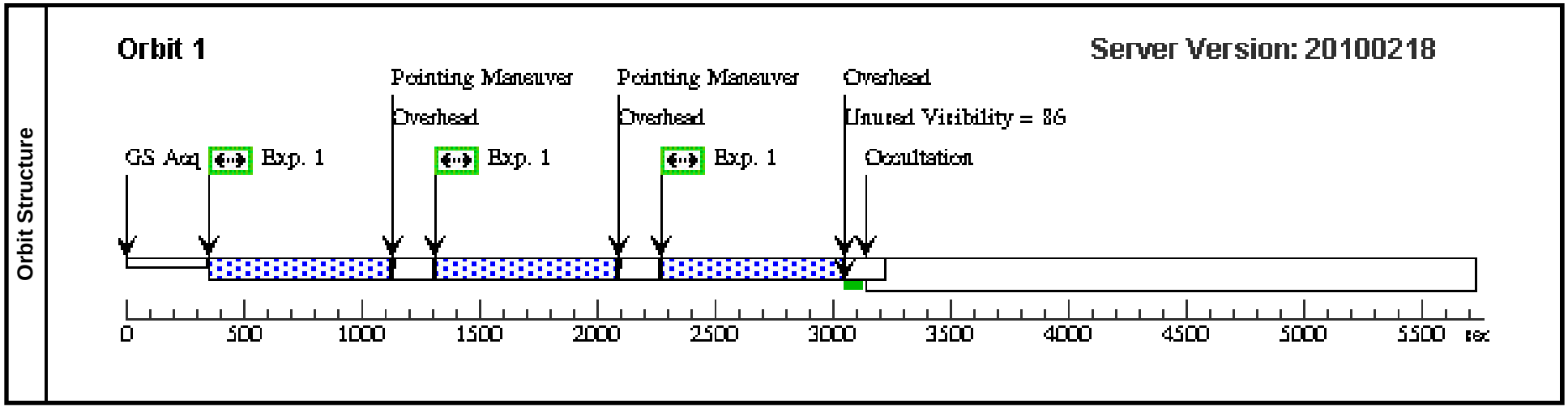
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(41)	DDO154	RA: 12 54 6.4888 (193.5270367d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +27 08 26.70 (27.14075d)			
		Equinox: J2000			

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(41) DDO154	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 2, Exps 1-1 (2)	600.0 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit


Orbit Structure
Orbit 1
Server Version: 20100218
Pointing Maneuver
Overhead
Pointing Maneuver
Overhead
Overhead
Unused Visibility = 86
GS Acq
Exp. 1
Exp. 1
Exp. 1
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 42, implementation Fri Apr 16 01:25:49 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Comments: We would prefer orients above 205 but will take the others.

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Visit 42) Warning (Orbit Planner): VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

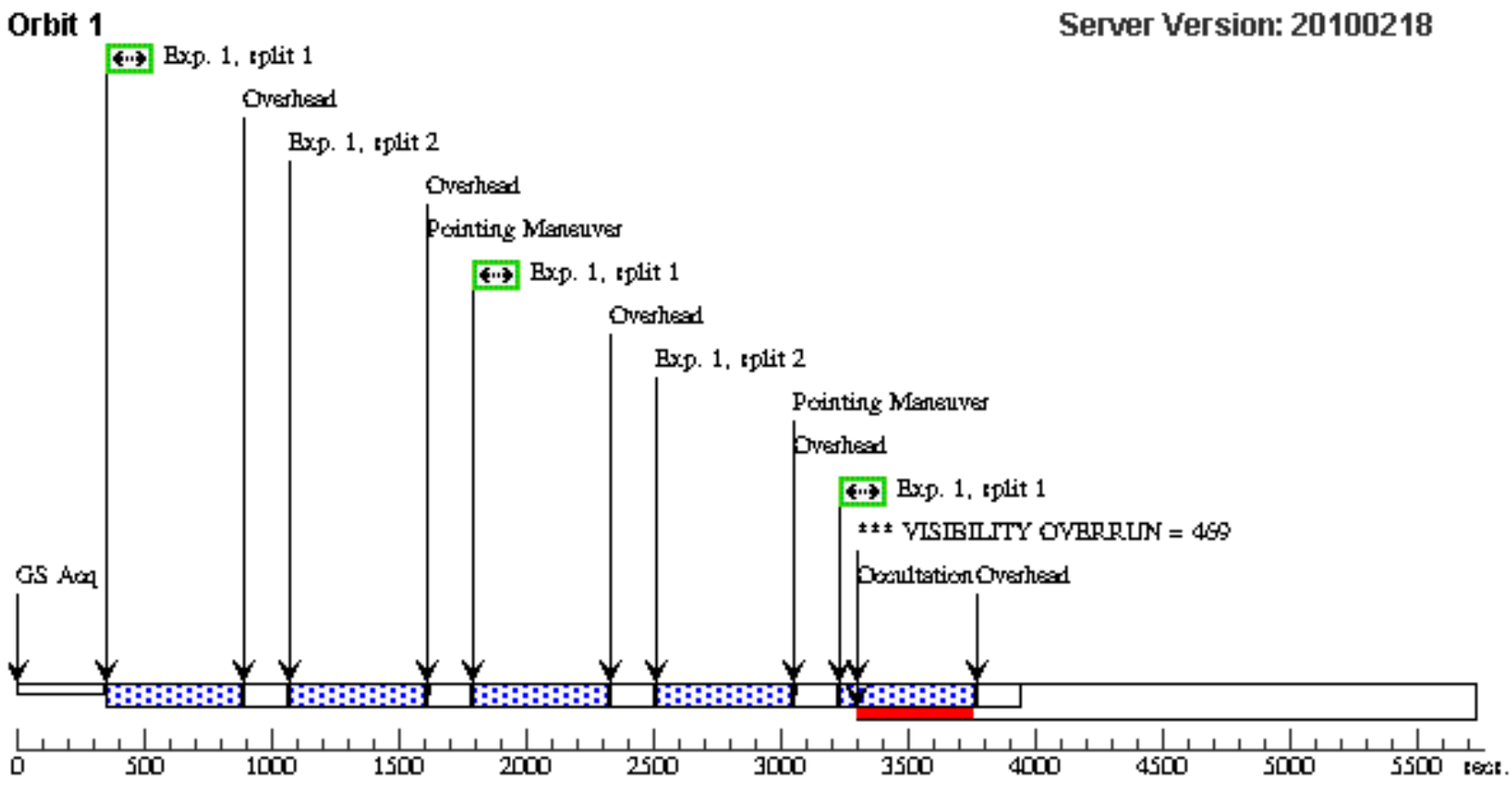
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(42)	HOLMBERG1	RA: 09 40 34.0362 (145.1418175d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +71 11 0.40 (71.18344d)			
		Equinox: J2000			

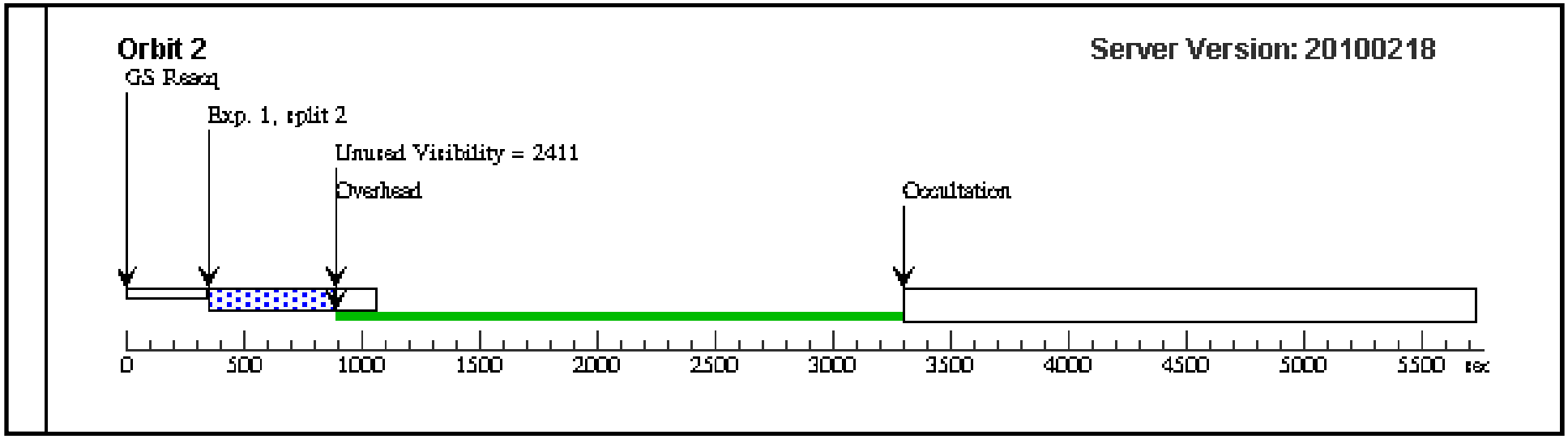
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(42) HOLMBERG1	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 2, Exps 1-1 (2)	700.0 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit

Orbit Structure




Orbit 2
Server Version: 20100218
GS Reacq
Exp. 1, split 2
Unused Visibility = 2411
Overhead
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 43, implementation Fri Apr 16 01:25:50 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Visit 43) Warning (Orbit Planner): VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

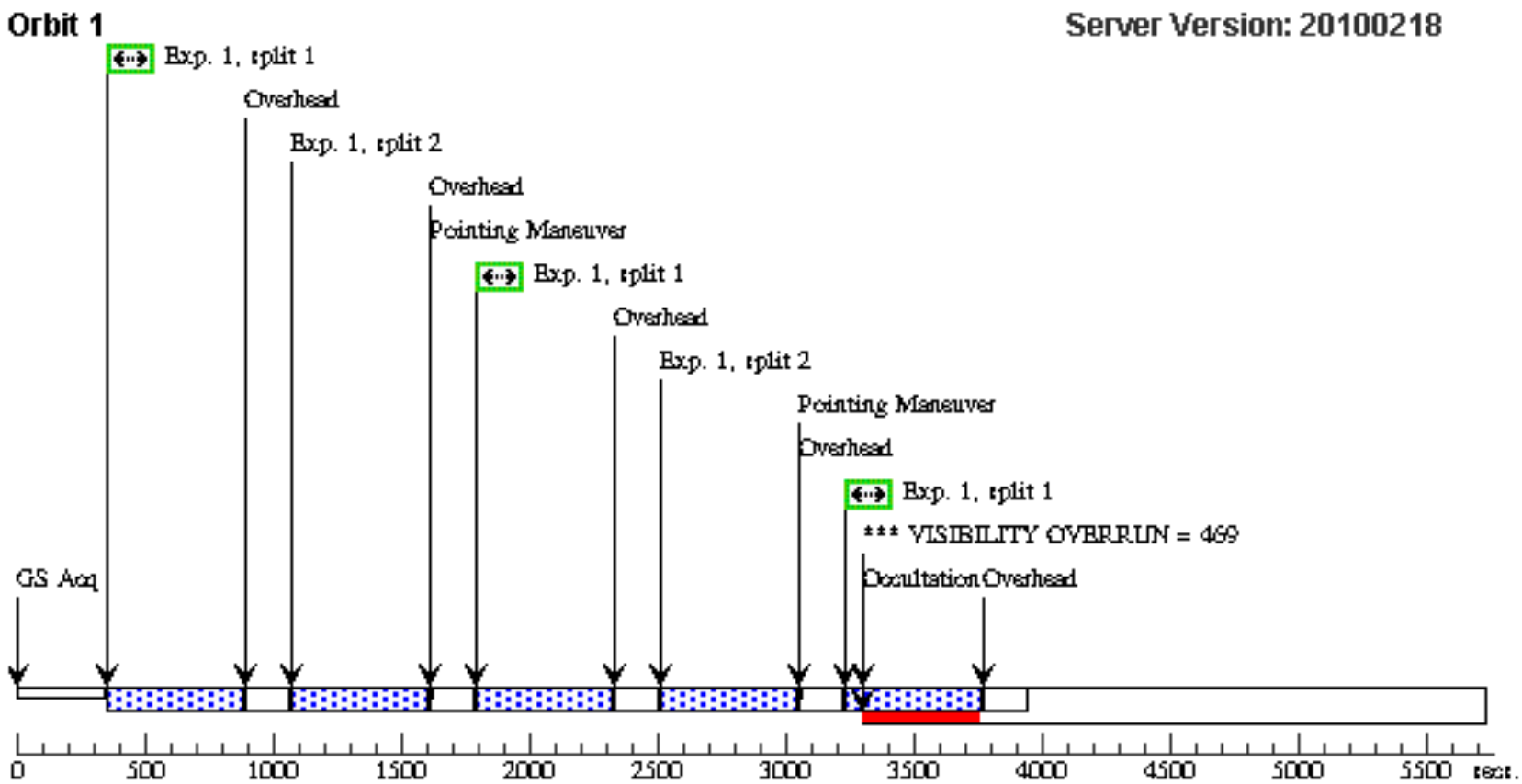
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(43)	HOLMBERG2A	RA: 08 18 58.4672 (124.7436133d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +70 43 40.99 (70.72805d)			
		Equinox: J2000			

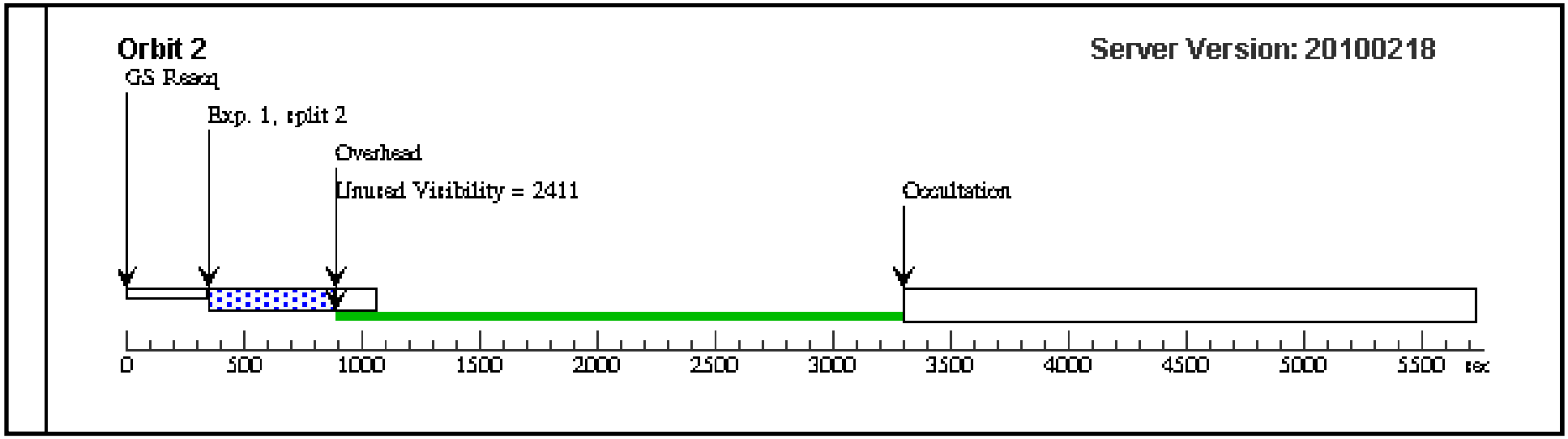
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(43) HOLMBERG2A	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	700.0 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit

Orbit Structure




Orbit 2
Server Version: 20100218
GS Reacq
Exp. 1, split 2
Overhead
Unused Visibility = 2411
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 44, implementation Fri Apr 16 01:25:52 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Visit 44) Warning (Orbit Planner): VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

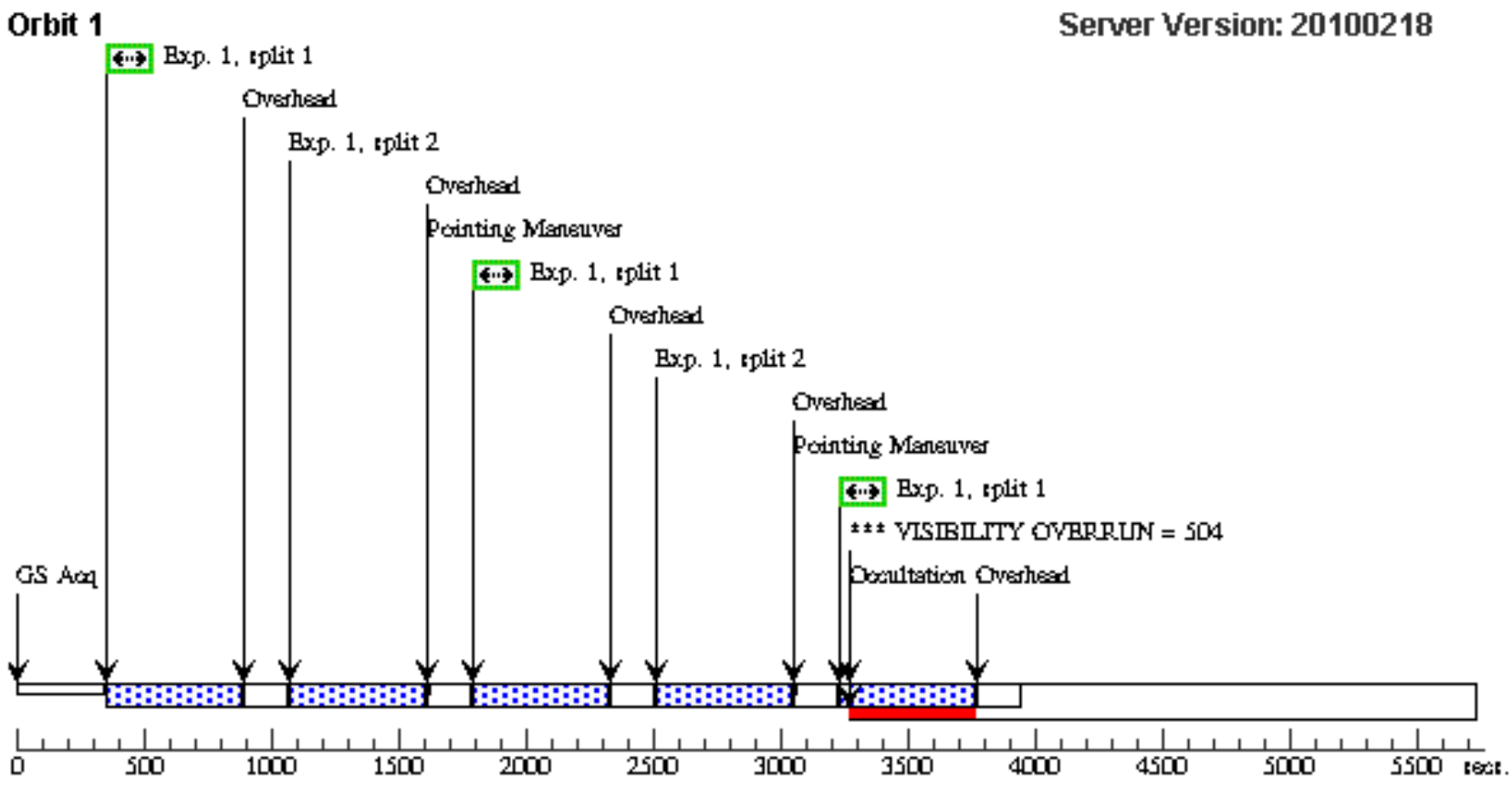
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(44)	HOLMBERG9	RA: 09 57 32.4474 (149.3851975d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +69 02 43.80 (69.04550d)			
		Equinox: J2000			

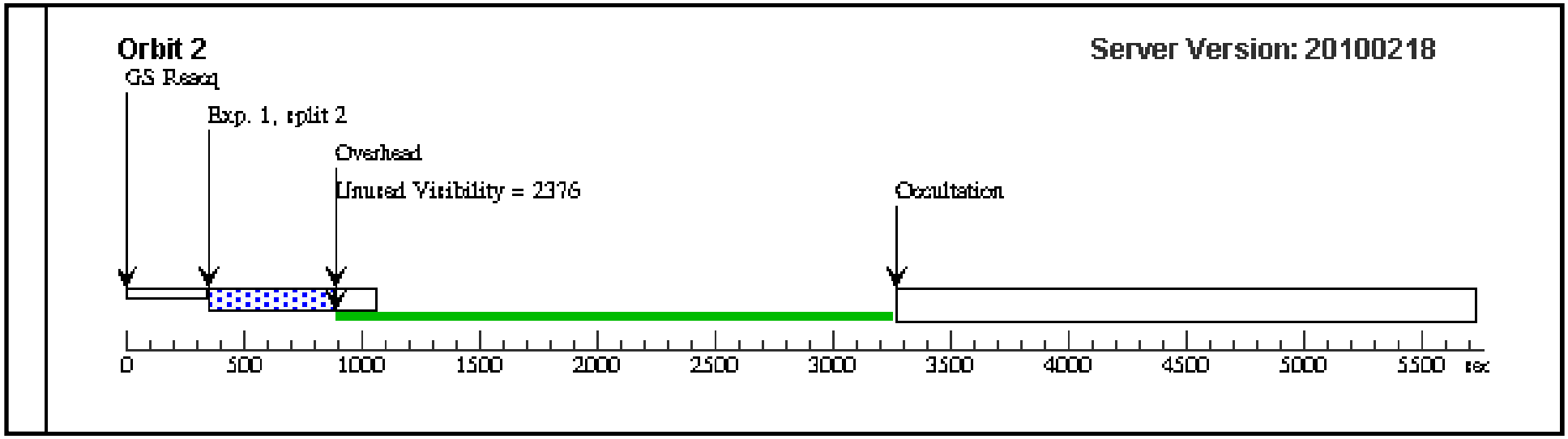
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(44) HOLMBERG9	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 2, Exps 1-1 (2)	700.0 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit

Orbit Structure




Orbit 2
Server Version: 20100218
GS Reacq
Exp. 1, split 2
Overhead
Unused Visibility = 2376
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 45, implementation Fri Apr 16 01:25:53 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Visit 45) Warning (Orbit Planner): VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

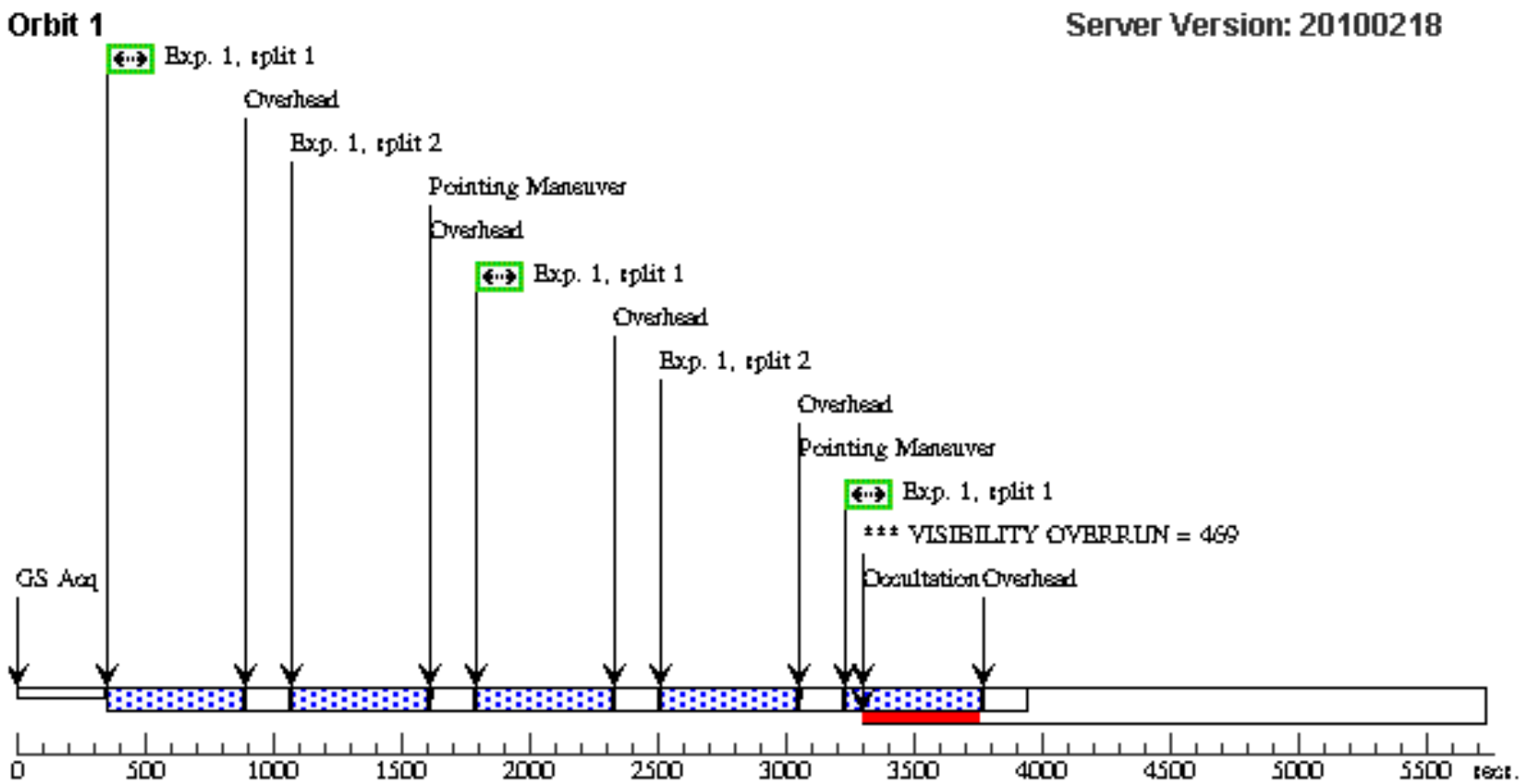
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(45)	M81DWA	RA: 08 23 59.7751 (125.9990629d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +71 02 4.29 (71.03452d)			
		Equinox: J2000			

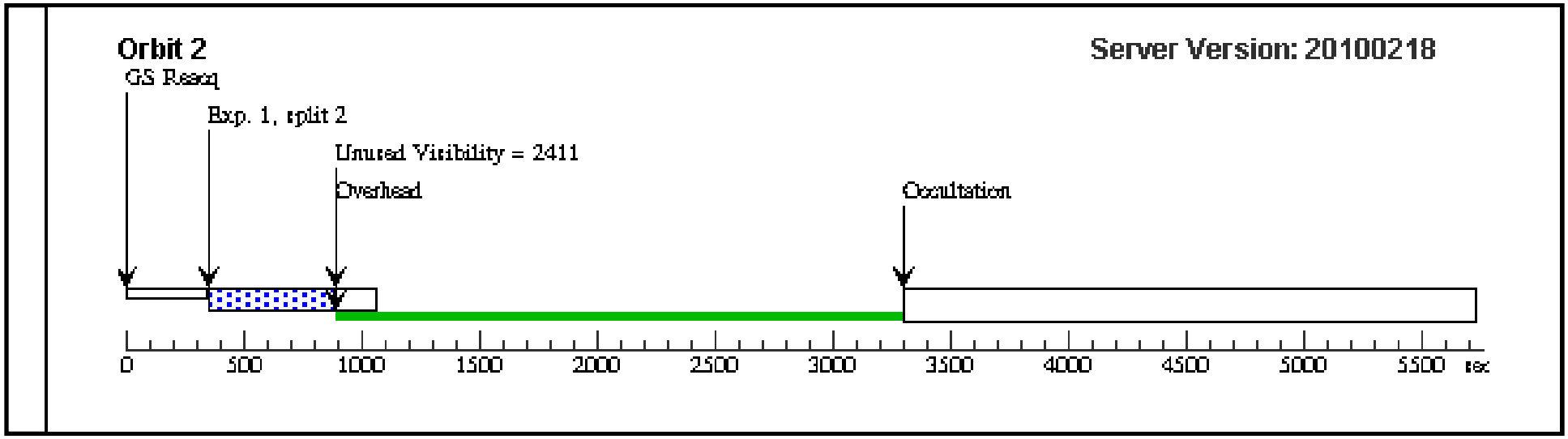
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(45) M81DWA	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	700.0 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit

Orbit Structure




Orbit 2
Server Version: 20100218
GS Reacq
Exp. 1, split 2
Unused Visibility = 2411
Overhead
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 46, implementation Fri Apr 16 01:25:54 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Visit 46) Warning (Orbit Planner): VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

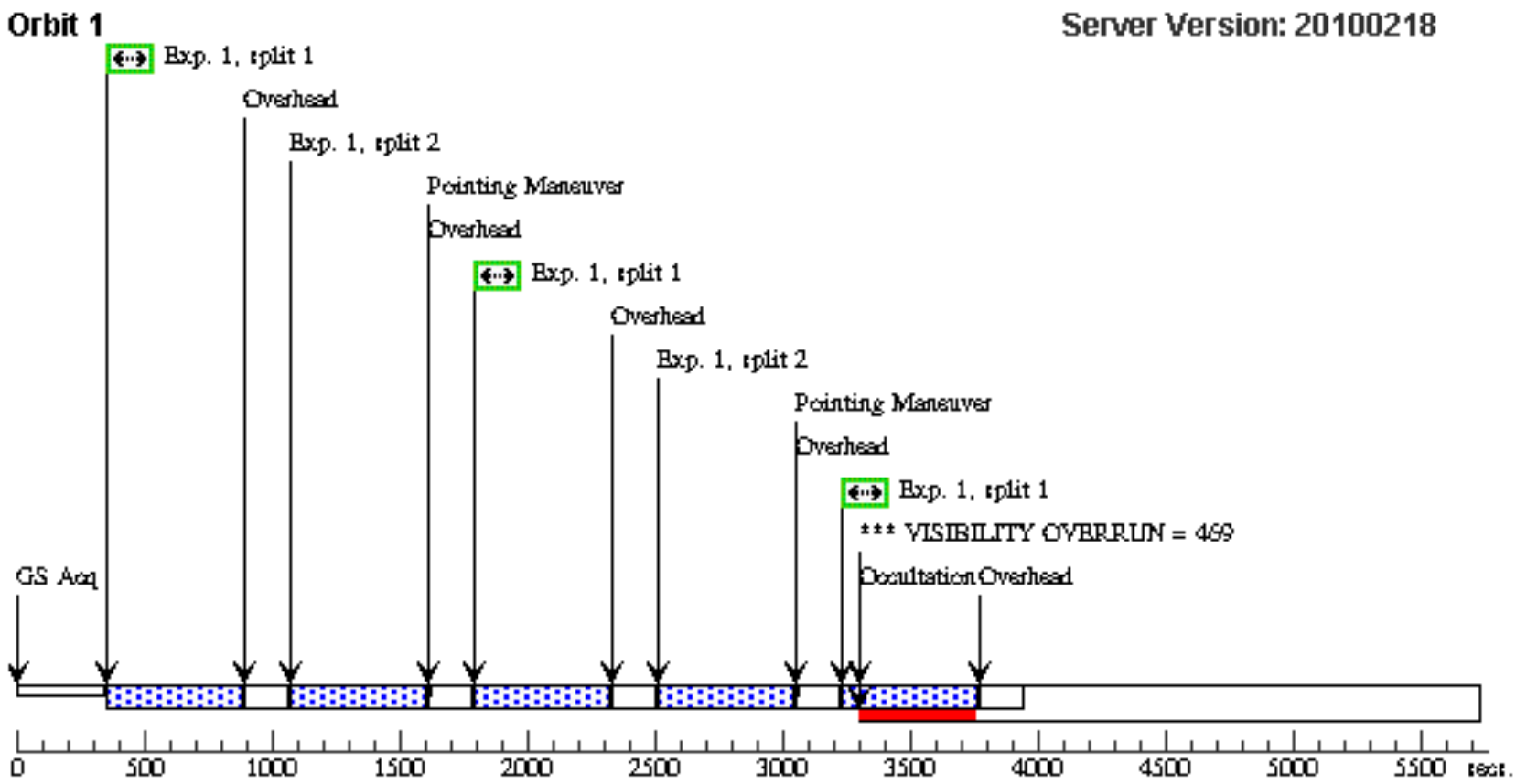
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(46)	M81-DWB-2	RA: 10 05 31.1550 (151.3798125d)		V=12	Reference Frame: ICRS
		Dec: +70 21 58.20 (70.36617d)			
		Equinox: J2000			

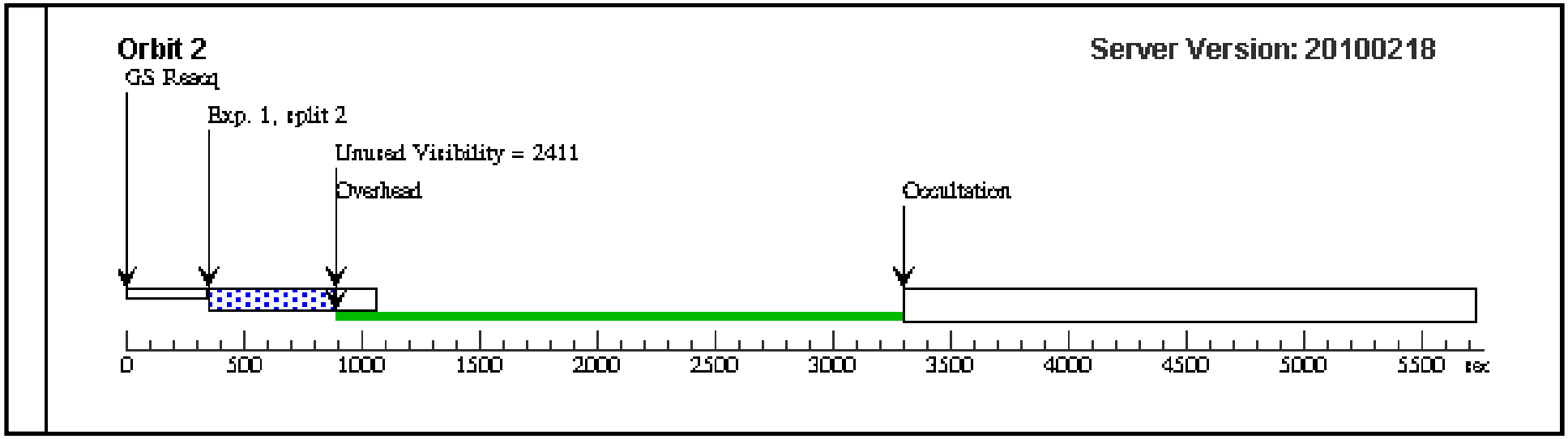
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(46) M81-DWB-2	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 2, Exps 1-1 (2)	700.0 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit

Orbit Structure




Orbit 2
Server Version: 20100218
GS Reacq
Exp. 1, split 2
Unused Visibility = 2411
Overhead
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 47, implementation Fri Apr 16 01:25:56 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

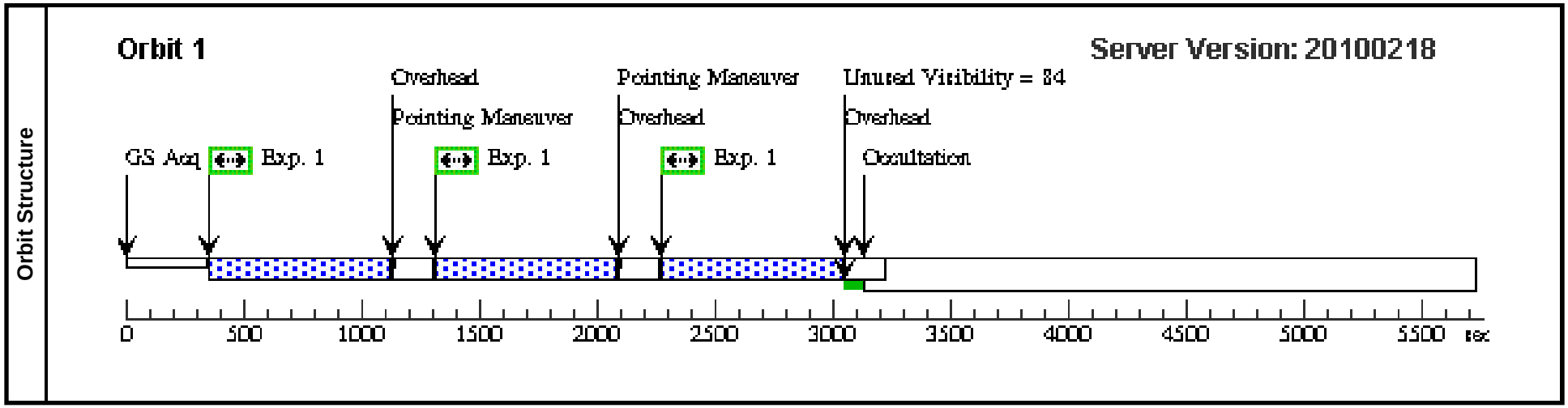
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(47)	NGC3190	RA: 10 18 7.1959 (154.5299829d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +21 49 49.00 (21.83028d)			
		Equinox: J2000			

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(47) NGC3190	WFPC2, IMAGE, WF3	F555W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 2, Exps 1-1 (2)	600.0 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit


Orbit Structure
Orbit 1
Server Version: 20100218
Overhead
Pointing Maneuver
Pointing Maneuver
Overhead
Unused Vitibility = 84
Overhead
GS Acq
Exp. 1
Exp. 1
Exp. 1
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 48, implementation Fri Apr 16 01:25:56 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

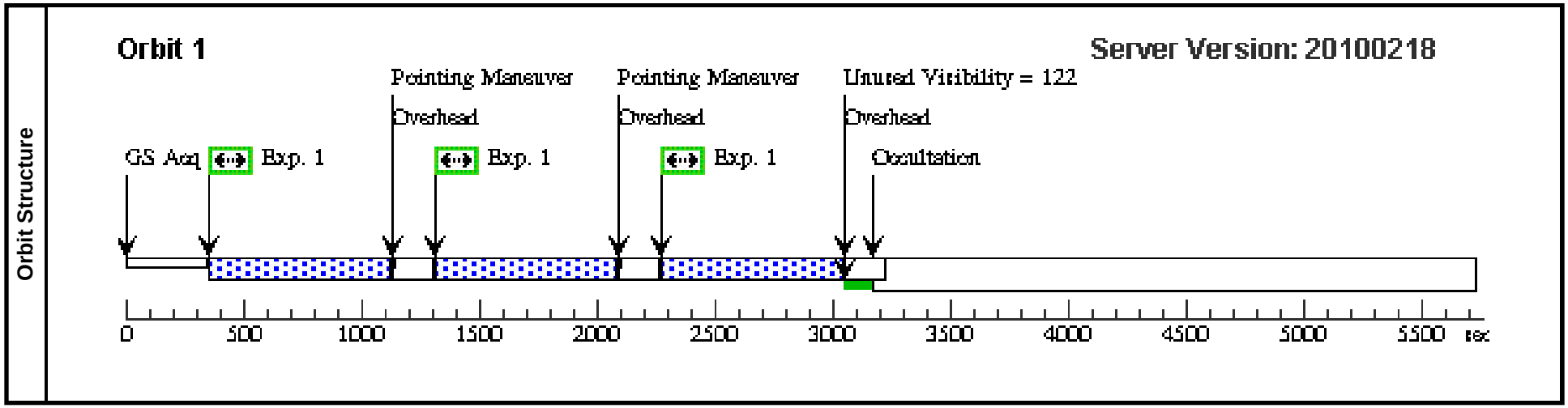
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(48)	NGC3198	RA: 10 20 2.8582 (155.0119092d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +45 34 20.02 (45.57223d)			
		Equinox: J2000			

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(48) NGC3198	WFPC2, IMAGE, WFALL-FIX	F439W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 2, Exps 1-1 (2)	600.0 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit


Orbit Structure
Orbit 1
Server Version: 20100218
Pointing Maneuver
Overhead
Pointing Maneuver
Overhead
Unused Vitibility = 122
Overhead
GS Acq
Exp. 1
Exp. 1
Exp. 1
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 49, implementation Fri Apr 16 01:25:56 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

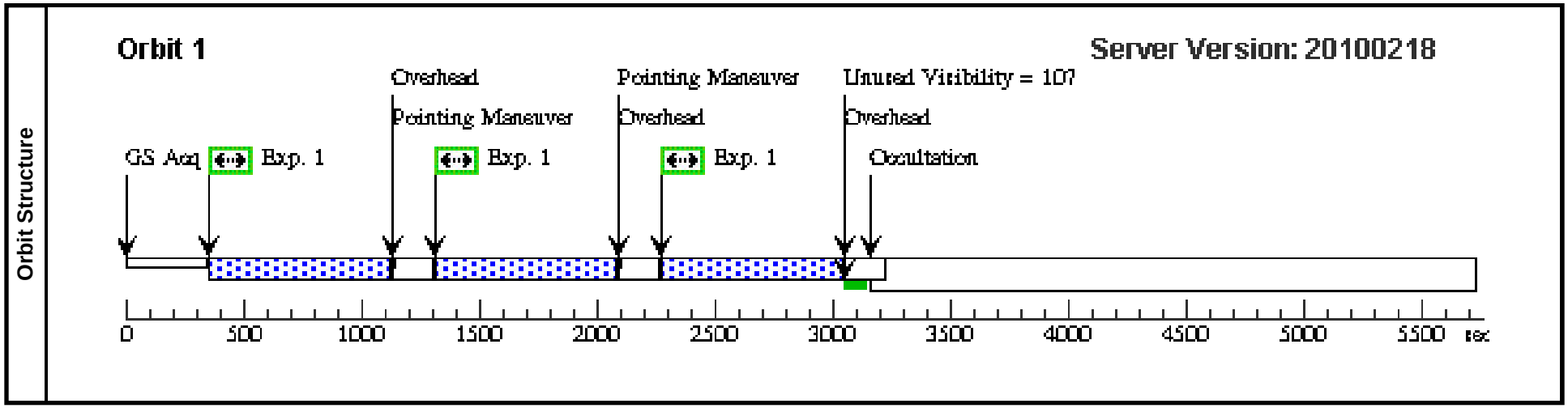
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(49)	NGC3938	RA: 11 52 48.0521 (178.2002171d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +44 06 19.00 (44.10528d)			
		Equinox: J2000			

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(49) NGC3938	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 2, Exps 1-1 (2)	600.0 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit


Orbit Structure
Orbit 1
Server Version: 20100218
Overhead
Pointing Maneuver
Pointing Maneuver
Overhead
Unused Visibility = 107
Overhead
GS Acq
Exp. 1
Exp. 1
Exp. 1
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 50, implementation Fri Apr 16 01:25:56 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Visit 50) Warning (Orbit Planner): VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

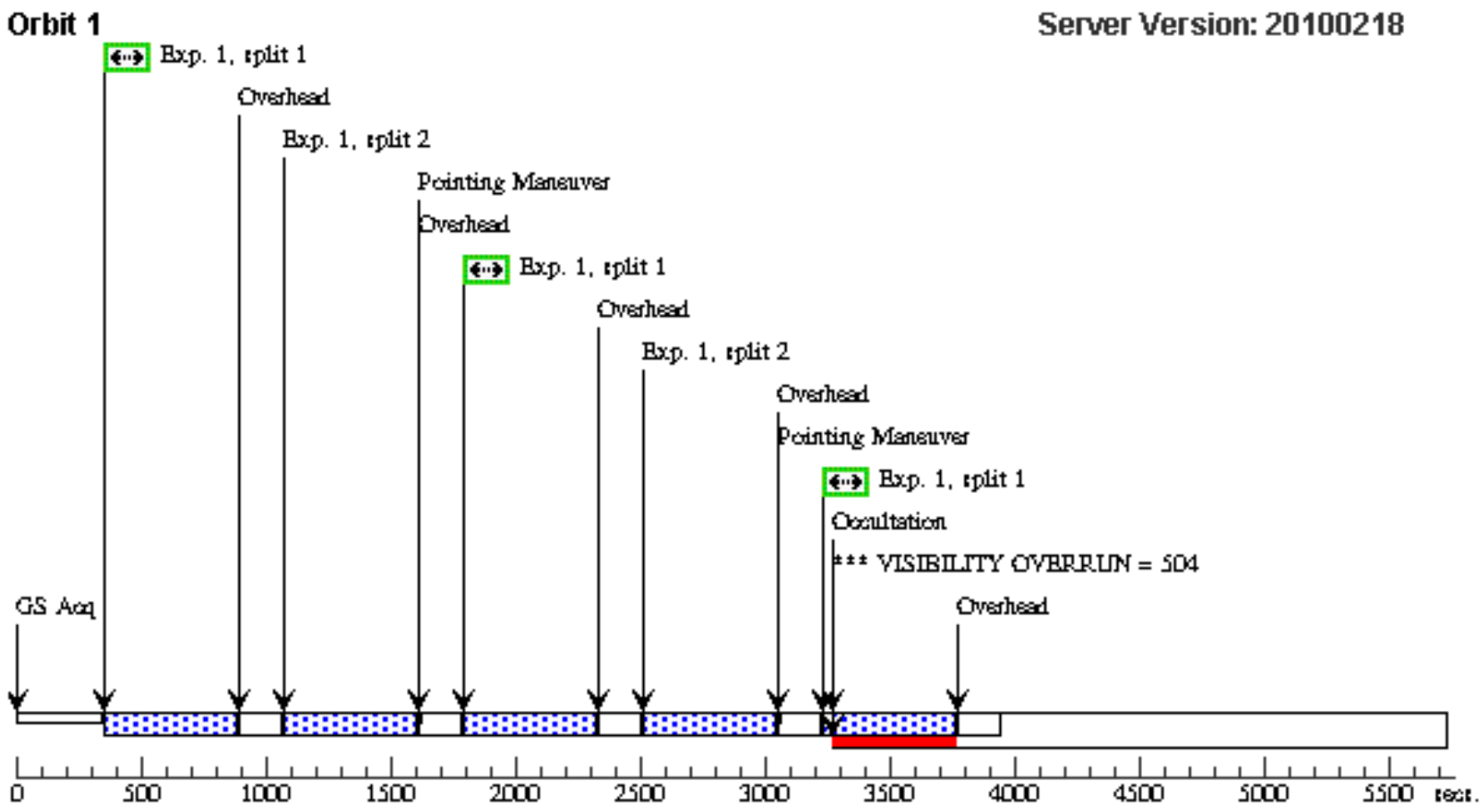
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(50)	NGC4125	RA: 12 08 3.1433 (182.0130971d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +65 09 42.10 (65.16169d)			
		Equinox: J2000			

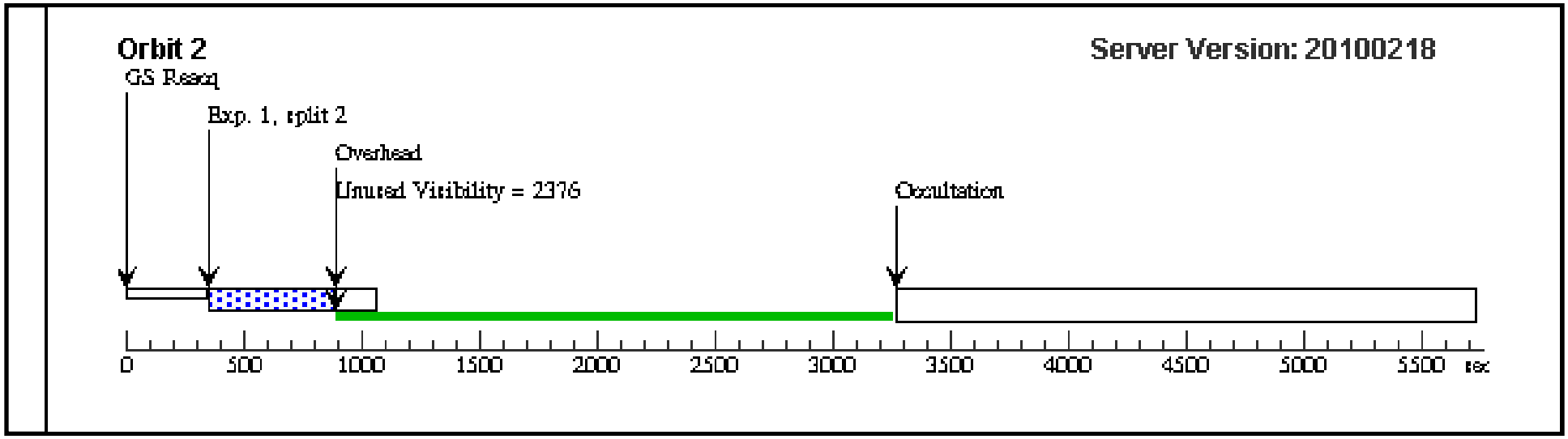
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(50) NGC4125	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	700.0 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit

Orbit Structure




Orbit 2
Server Version: 20100218
GS Reacq
Exp. 1, split 2
Overhead
Unused Visibility = 2376
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 51, implementation Fri Apr 16 01:25:57 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Visit 51) Warning (Orbit Planner): VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

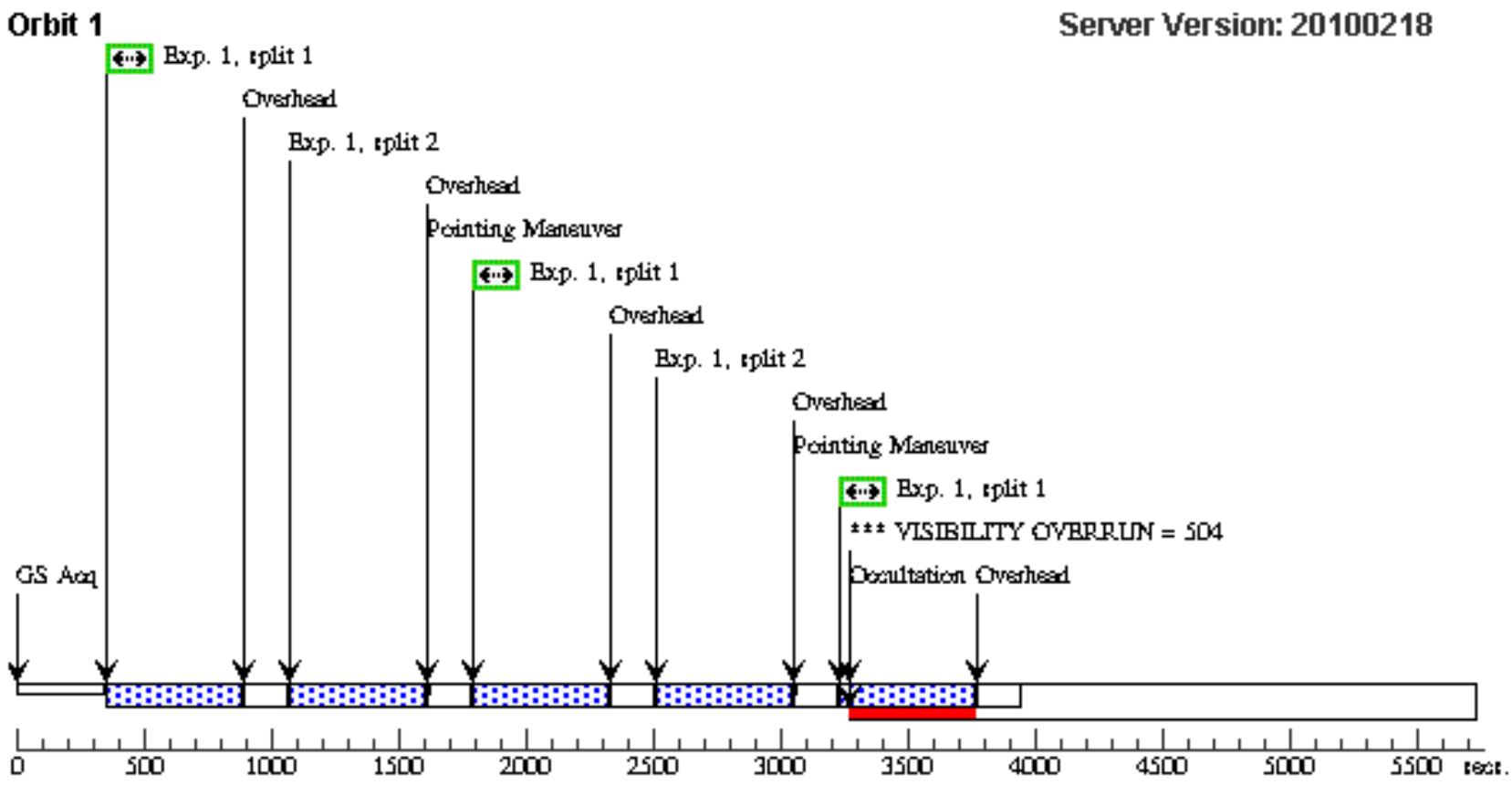
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(51)	NGC4236	RA: 12 16 53.5745 (184.2232271d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +69 25 46.92 (69.42970d)			
		Equinox: J2000			

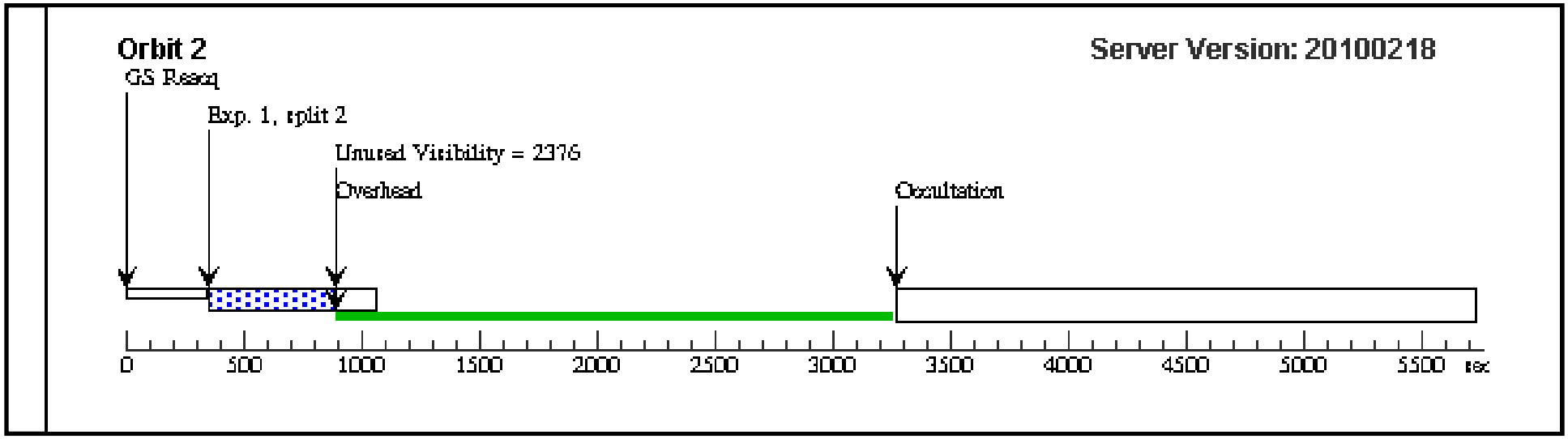
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(51) NGC4236	WFPC2, IMAGE, WF3-FIX	F439W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 2, Exps 1-1 (2)	700.0 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit

Orbit Structure




Orbit 2
Server Version: 20100218
GS Reacq
Exp. 1, split 2
Unused Visibility = 2376
Overhead
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 52, implementation Fri Apr 16 01:25:59 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): Illegal selection: WFPC2.

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): IMAGE is not a valid selection

(Exposure 2 (Pattern 2, Exps 2-2)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

Patterns

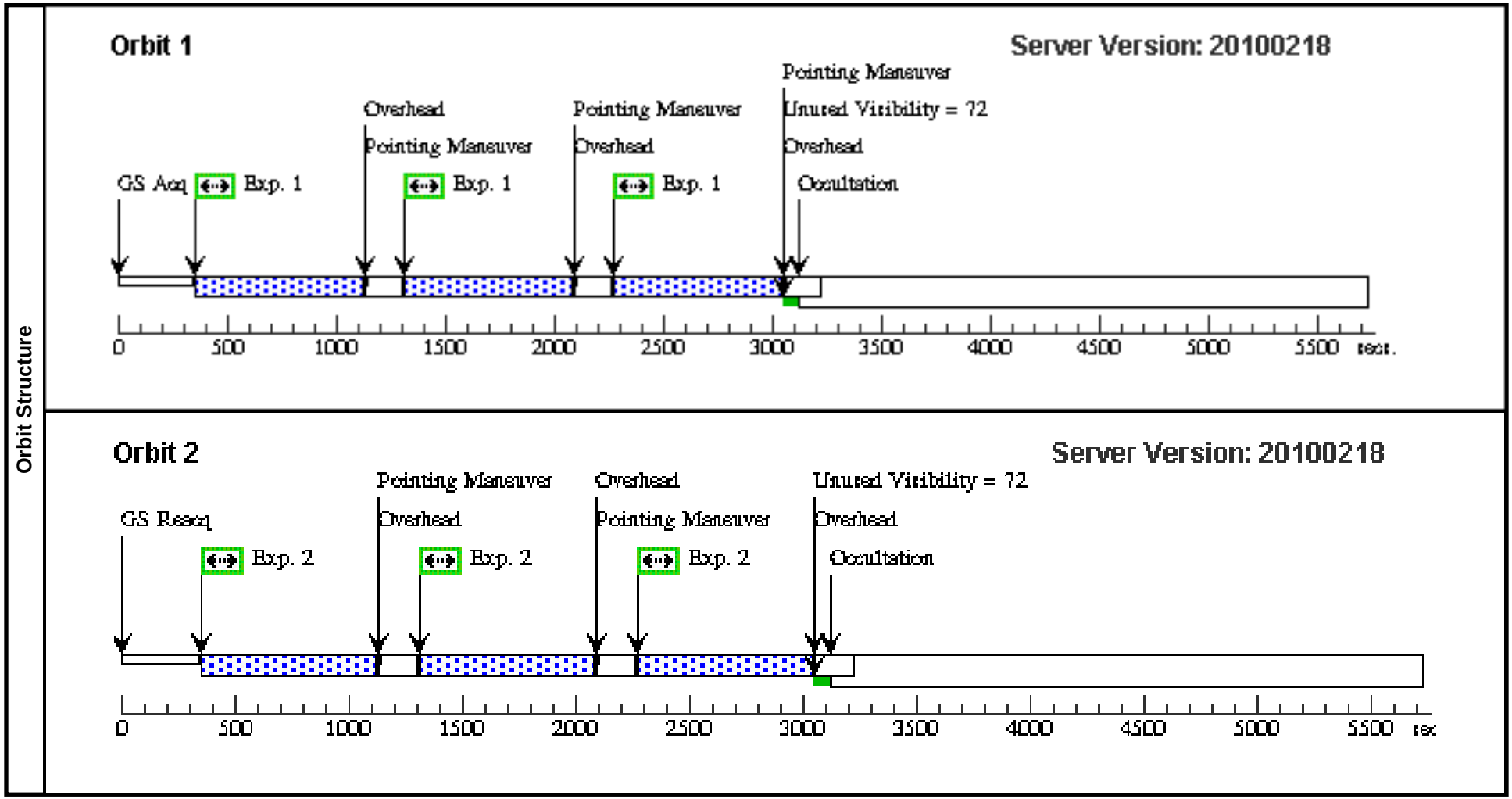
#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1), (2)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(52)	NGC4254	RA: 12 18 45.8826 (184.6911775d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +14 25 19.31 (14.42203d)			
		Equinox: J2000			

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(52) NGC4254	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[1]***
Comments: 3pt dither in 1 orbit.									
2		(52) NGC4254	WFPC2, IMAGE, PC1	F555W	CR-SPLIT=NO		Pattern 2, Exps 2-2 (2)	600.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]*	***[2]***
Comments: 3pt line dither in one orbit									


Orbit Structure
Orbit 1
Server Version: 20100218
Pointing Maneuver
Overhead
Pointing Maneuver
Unused Visibility = 72
Pointing Maneuver
Overhead
Overhead
GS Acq
Exp. 1
Exp. 1
Exp. 1
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec.
Orbit 2
Server Version: 20100218
Pointing Maneuver
Overhead
Unused Visibility = 72
GS Reacq
Overhead
Pointing Maneuver
Overhead
Exp. 2
Exp. 2
Exp. 2
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 53, implementation Fri Apr 16 01:25:59 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

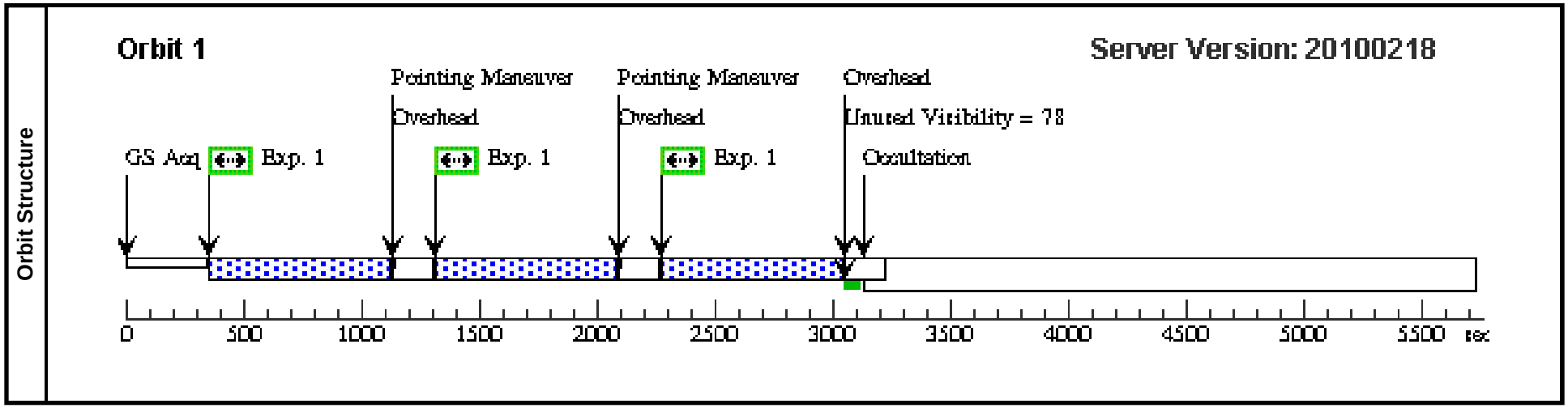
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(53)	NGC4450	RA: 12 28 26.3080 (187.1096167d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +17 05 27.40 (17.09094d)			
		Equinox: J2000			

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(53) NGC4450	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	600.0 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit


Orbit Structure
Orbit 1
Server Version: 20100218
Pointing Maneuver
Overhead
Pointing Maneuver
Overhead
Overhead
Unused Visibility = 78
GS Acq
Exp. 1
Exp. 1
Exp. 1
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 54, scheduling Fri Apr 16 01:25:59 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: ORIENT 275D TO 280 D

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

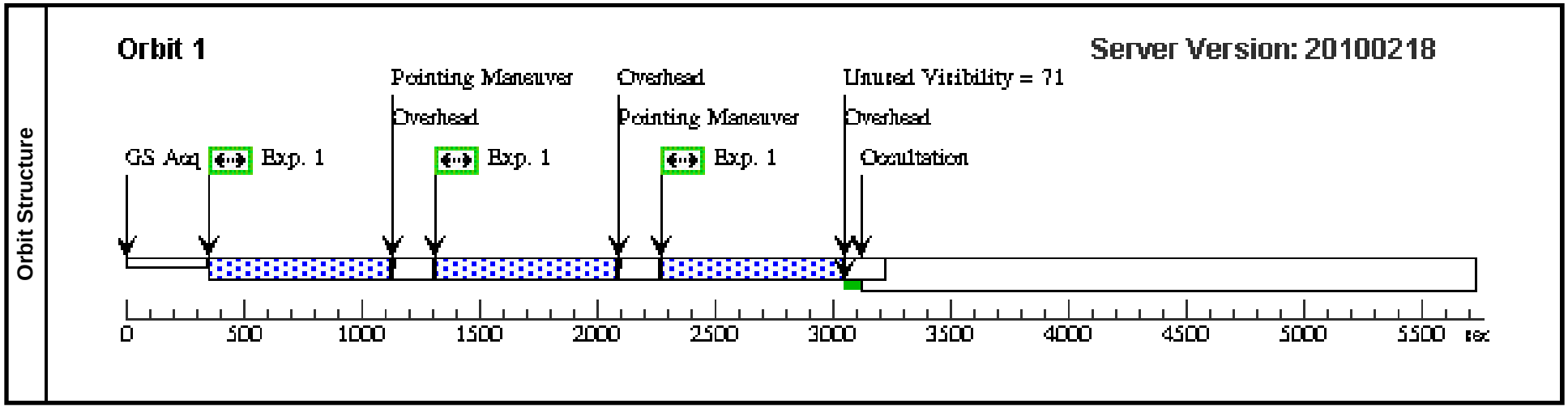
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(54)	NGC4536	RA: 12 34 25.6365 (188.6068188d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +02 11 18.04 (2.18834d)			
		Equinox: J2000			

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(54) NGC4536	WFPC2, IMAGE, WF3	F439W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt dither line in one orbit.


Orbit Structure
Orbit 1
Server Version: 20100218
Pointing Maneuver
Overhead
Overhead
Pointing Maneuver
Unused Vitibility = 71
Overhead
GS Acq
Exp. 1
Exp. 1
Exp. 1
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 55, implementation Fri Apr 16 01:25:59 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

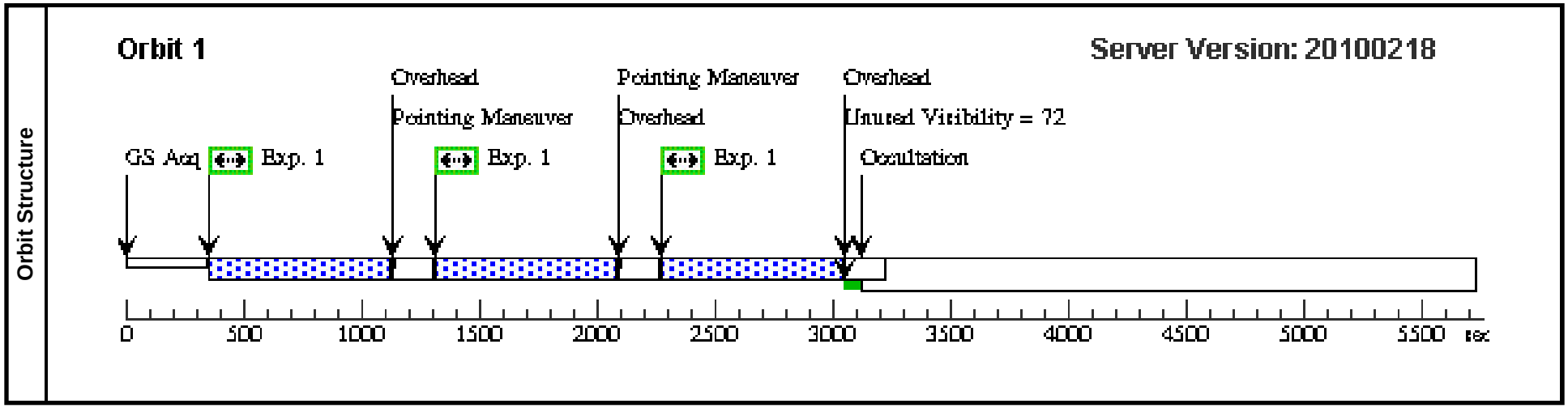
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(55)	NGC4579	RA: 12 37 42.3740 (189.4265583d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +11 49 4.70 (11.81797d)			
		Equinox: J2000			

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(55) NGC4579	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt dither line in 1 orbit.


Orbit Structure
Orbit 1
Server Version: 20100218
Overhead
Pointing Maneuver
Pointing Maneuver
Overhead
Overhead
Unused Visibility = 72
GS Acq
Exp. 1
Exp. 1
Exp. 1
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 56, implementation Fri Apr 16 01:25:59 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: (none)

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

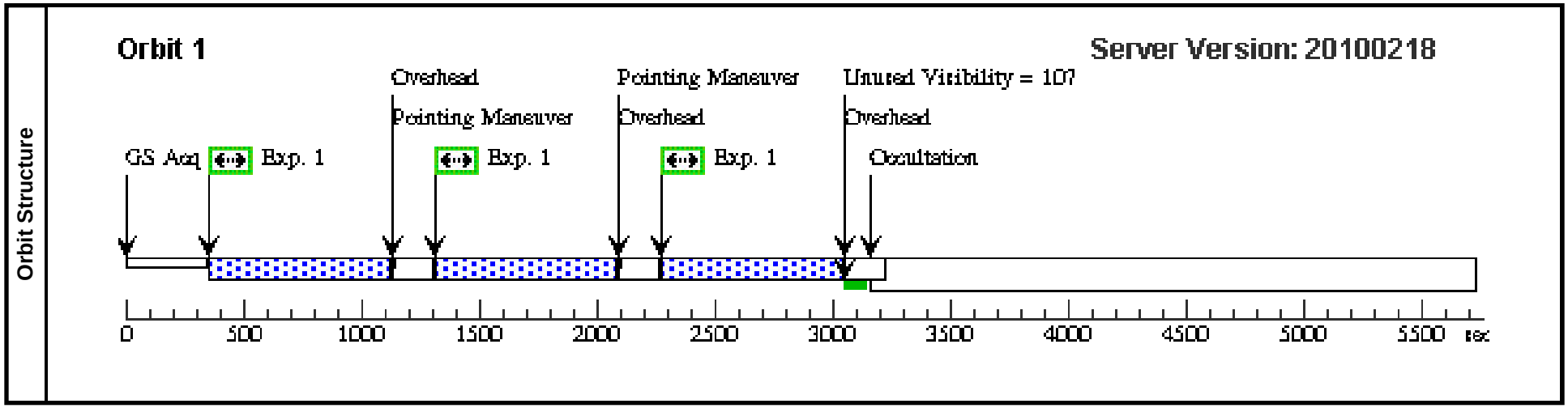
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(56)	NGC4625	RA: 12 41 46.4904 (190.4437100d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +41 16 47.40 (41.27983d)			
		Equinox: J2000			

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(56) NGC4625	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1T3	Pattern 2, Exps 1-1 (2)	600.0 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: 3pt line dither in one orbit


Orbit Structure
Orbit 1
Server Version: 20100218
Overhead
Pointing Maneuver
Pointing Maneuver
Overhead
Unused Visibility = 107
Overhead
GS Acq
Exp. 1
Exp. 1
Exp. 1
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 11987, Visit 57, scheduling Fri Apr 16 01:26:00 GMT 2010

Diagnostic Status: Error

Scientific Instruments: WFPC2

Special Requirements: ORIENT 228D TO 288 D

Comments: We would prefer the orient range of 228-257, if possible.

Diagnostics

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute cannot have this value due to other choices: Mode=IMAGE
This value is by default illegal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): CR-SPLIT is not a valid selection

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): Illegal selection: WFPC2.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): This attribute is not allowed to have this value: Config = WFPC2
It is a Restricted option and can only be used in an engineering proposal.

(Exposure 1 (Pattern 2, Exps 1-1)) Error (Form): IMAGE is not a valid selection

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG		(1)
	Purpose=DITHER	Pattern Orientation=45.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.4709	Center Pattern=false		
	Line Spacing=			

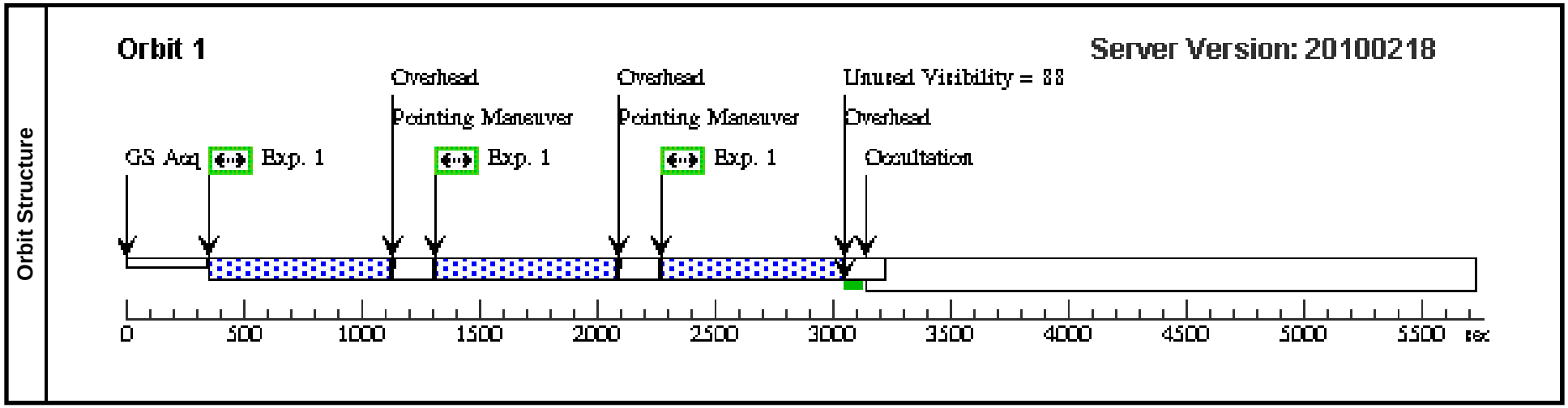
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(57)	NGC4631	RA: 12 42 11.0684 (190.5461183d)		V=20.0+/-1.0	Reference Frame: OTHER
		Dec: +32 32 42.20 (32.54506d)			
		Equinox: J2000			

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(57) NGC4631	WFPC2, IMAGE, WF3	F336W	CR-SPLIT=NO		Pattern 2, Exps 1-1 (2)	600 Secs	
								[==>(Pattern 1)]	
								[==>(Pattern 2)]	***[1]***
								[==>(Pattern 3)]	

Comments: dither line in 1 orbit


Orbit Structure
Orbit 1
Server Version: 20100218
Overhead
Pointing Maneuver
Overhead
Pointing Maneuver
Unused Vitibility = 88
Overhead
Occultation
GS Acq
Exp. 1
Exp. 1
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec