



<b>Visit</b>	<b>Proposal 1234, Visit: AA</b>
	<b>Diagnostic Status: Error</b> Scientific Instruments: ACS/WFC, STIS/FUV-MAMA, ACS/HRC, STIS/CCD, WFPC2, STIS/NUV-MAMA Special Requirements: Period 1.2119 D AND ZERO-PHASE JD2452072.68492
<b>Diagnostics</b>	(Visit AA) ORBIT PLANNER SERVER INTERNAL ERROR (Visit AA) MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit AA) MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit AA) ORBIT PLANNER SERVER INTERNAL ERROR (Visit AA) MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit AA) LONG STIS MAMA SU LIKELY TO INTERSECT THE SAA (Visit AA) ORBIT PLANNER SERVER INTERNAL ERROR (Visit AA) MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit AA) ORBIT PLANNER SERVER INTERNAL ERROR (Visit AA) MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit AA) ORBIT PLANNER SERVER INTERNAL ERROR (Visit AA) MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit AA) ORBIT PLANNER SERVER INTERNAL ERROR (Visit AA) MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit AA) MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit AA) ORBIT PLANNER SERVER INTERNAL ERROR (Visit AA) MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit AA) MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit AA) Error: Fixed and Solar System targets may not be used in the same visit (Visit AA) MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit AA) ORBIT PLANNER SERVER INTERNAL ERROR (Visit AA) MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit AA) MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit AA) ORBIT PLANNER SERVER INTERNAL ERROR (Visit AA) MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit AA) ORBIT PLANNER SERVER INTERNAL ERROR (Visit AA) ORBIT PLANNER SERVER INTERNAL ERROR (Visit AA) MERGING RULE VIOLATED DURING AUTOMATIC MERGING (23 60 (AA.034)Pattern 1, Split 3 ) Error: 4 is not within the legal range of 17 to 18 (23 60 (AA.034)Pattern 2, Split 1 ) Error: 18 is not within the legal range of 17 to 5 (23 60 (AA.034)Pattern 2, Split 3 ) Error: 5 is not within the legal range of 18 to 19 (23 60 (AA.034)Pattern 3, Split 1 ) Error: 19 is not within the legal range of 18 to 6 (23 60 (AA.034)Pattern 3, Split 3 ) Error: 6 is not within the legal range of 19 to 20 (Visit AA) VISIBILITY OVERRUN (Visit AA) POINTING DIFFERENCE EXCEEDS LIMIT (Visit AA) PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME (Visit AA) POINTING DIFFERENCE EXCEEDS LIMIT (Visit AA) VISIBILITY OVERRUN (Visit AA) POINTING DIFFERENCE EXCEEDS LIMIT (Visit AA) VISIBILITY OVERRUN (Visit AA) POINTING DIFFERENCE EXCEEDS LIMIT (Visit AA) POINTING DIFFERENCE EXCEEDS LIMIT (Visit AA) POINTING DIFFERENCE EXCEEDS LIMIT (Visit AA) VISIBILITY OVERRUN (Visit AA) POINTING DIFFERENCE EXCEEDS LIMIT (Visit AA) VISIBILITY OVERRUN (Visit AA) POINTING DIFFERENCE EXCEEDS LIMIT



Diagnostics (continued)

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 (Visit AA) POINTING DIFFERENCE EXCEEDS LIMIT  
 (Visit AA) TIMETAG EXPOSURE SHORTENED TO AVOID DATA LOSS  
 (Visit AA) VISIBILITY OVERRUN  
 (Visit AA) VERY SHORT PHASE WINDOW  
 (Visit AA) POINTING DIFFERENCE EXCEEDS LIMIT  
 (Visit AA) POINTING DIFFERENCE EXCEEDS LIMIT  
 (02 Exposure 1 (AA.004) special requirements) Warning: Phase End Time less than Phase Start Time

Patterns	#	Label	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern 4-4	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Coordinate Frame=POS-TARG Pattern Orientation=19.9 Center Pattern=false	Pattern Type=LINE Purpose= Number Of Points=1 Point Spacing= Coordinate Frame= Pattern Orientation= Center Pattern=false	4

<b>Patterns (continued)</b>	<b>#</b>	<b>Label</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>	
	(2)	Pattern 9-10	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.15 Coordinate Frame=POS-TARG Pattern Orientation=34.1 Center Pattern=false	Pattern Type=LINE Purpose= Number Of Points=1 Point Spacing= Coordinate Frame= Pattern Orientation= Center Pattern=false	9, 10	
	(3)	Pattern 18-18	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Coordinate Frame=POS-TARG Pattern Orientation=20.7 Center Pattern=true	Pattern Type=LINE Purpose= Number Of Points=1 Point Spacing= Coordinate Frame= Pattern Orientation= Center Pattern=false	18	
	(5)	Pattern 19-19	Pattern Type=WFC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559 Coordinate Frame=POS-TARG Pattern Orientation=26.6 Center Pattern=true	Pattern Type=LINE Purpose= Number Of Points=1 Point Spacing= Coordinate Frame= Pattern Orientation= Center Pattern=false	19	
	(6)	Pattern 27-28	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=6.105 Coordinate Frame=POS-TARG Pattern Orientation=91.2 Center Pattern=true	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.086 Coordinate Frame=POS-TARG Pattern Orientation=85.4 Center Pattern=false	27, 28	
	(7)	Pattern 30-30	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.071 Coordinate Frame=POS-TARG Pattern Orientation=5.8 Center Pattern=false	Pattern Type=LINE Purpose= Number Of Points=1 Point Spacing= Coordinate Frame= Pattern Orientation= Center Pattern=false	30	
(8)	Pattern 34-34	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=3 Point Spacing=0.55 Coordinate Frame=POS-TARG Pattern Orientation=90 Center Pattern=false	Pattern Type=LINE Purpose= Number Of Points=1 Point Spacing= Coordinate Frame= Pattern Orientation= Center Pattern=false	34		
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
	(1)	Cosmos09-25	RA: 10 02 27.02 (150.61258d) Dec: +02 33 3.44 (2.55096d) Equinox: J2000 Plate Id:	Proper Motion RA: Proper Motion Dec: Parallax:		Coordinate Source: GUIDE_STAR_CATALOG
(2)	NGC2363-OFFSET	RA: 07 28 46.48 (112.19367d) Dec: +69 12 38.03 (69.21056d) Equinox: J2000 Plate Id: 01KS	Proper Motion RA: -0.0s/yr Proper Motion Dec: -0.0"/yr Parallax: -0.0"	B-V = 0.0	Coordinate Source: HST_IMAGE	

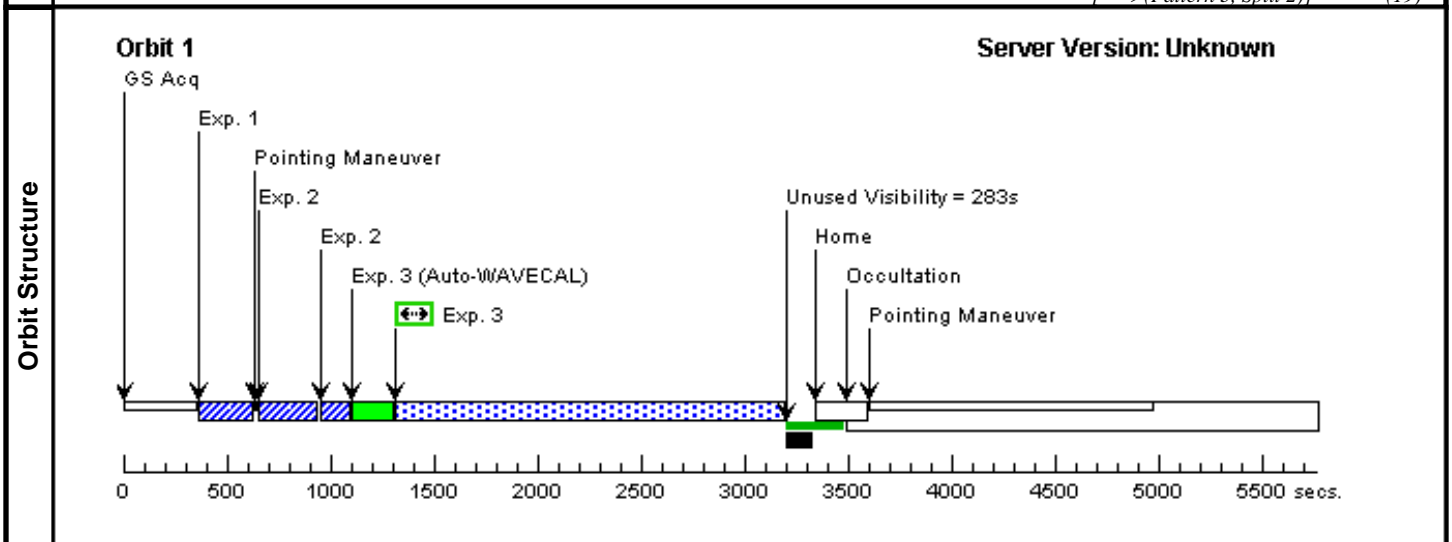
<b>Fixed Targets (continued)</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous		
(12)	FM-TAU	RA: 04 14 13.56 (63.55650d) Dec: +28 12 49.9 (28.21386d) Equinox: J2000 Plate Id:	Proper Motion RA: Proper Motion Dec: Parallax: -0.0"		Coordinate Source: GUIDE_STAR_CATALOG			
	<i>Comments: GSC 1827-1032</i>							
<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window		
(1)	URANUS-CENTER	STD=URANUS						
	<i>Comments: Center of Uranus</i>							
<b>Generic Targets</b>	#	Name	Criteria	Description				
(1)	SN2003AA	OTHER: NEW SUPERNOVA	SUPERNOVA TYPE II					
	<i>Comments: new supernova may be V -6 to 15</i>							
<b>ExposuresA</b>	#	Targ	Config,Mode,Aperture	Spectral Els.	Optional Params.	SRs/Patterns/Comments	Exp. Time/[Actual Dur.]	Orbit
	1	(1)	STIS/CCD,ACQ,F28X500II	MIRROR	ACQTYPE=POINT		0.2	1
	2	(1)	STIS/CCD,ACQ/PEAK,0.2X0.09	G430L 4300 Angstroms			1.0	1
	3	(1)	STIS/NUV-MAMA,ACCUM,0.2X0.09	E230H 2013 Angstroms			1860.0	1
	4	(1)	ACS/HRC,ACCUM,HRC	F475W	GAIN=4, CR-SPLIT=NO	PHASE 0.997 TO 0.0040 Pattern 4-4 (1)	75.0 [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	(2) (2) (2) (2)
	5	(1)	STIS/CCD,ACQ,F28X50LP	MIRROR			10.0	2
	6	(1)	STIS/CCD,ACQ,F28X50LP	MIRROR			1.0	3
	7	(1)	STIS/CCD,ACCUM,F25ND5	G230LB 2375 Angstroms	CR-SPLIT=NO		6.0	3
	8	(1)	WFPC2,IMAGE,PC1-FIX	F336W		U filter	30.0	3
	9	(1)	ACS/WFC,ACCUM,WFCENTER	F435W	CR-SPLIT=NO	Pattern 9-10 (2)	900.0 [==>(Pattern 1)] [==>(Pattern 2)]	(3) (4)
	10	ANY	WFPC2,IMAGE,WFall	F814W	CR-SPLIT=NO	Pattern 9-10 (2)	800.0 [==>(Pattern 1)] [==>(Pattern 2)]	(3) (4)
	11	(1)	ACS/WFC,ACCUM,WFC	F606W	GAIN=1, CR-SPLIT=NO	LOW-SKY	2500.0	4
12	(1)	ACS/WFC,ACCUM,WFC	F606W	GAIN=1, CR-SPLIT=NO	POS TARG 0.346,0.03; LOW-SKY	2500.0	5	

#	Targ	Config,Mode,Aperture	Spectral Els.	Optional Params.	SRs/Patterns/Comments	Exp. Time/[Actual Dur.]	Orbit
13	(12)	ACS/HRC,ACCUM,HRC	PR200L	GAIN=2, CR-SPLIT=2	GS ACQ SCENARIO SINGLE	10.0 [==>(Split 1)] [==>(Split 2)]	(6) (6)
14	(1)	STIS/CCD,ACQ,F28X50LP	MIRROR			0.4	6
15	(1)	STIS/NUV-MAMA,TIME-TAG, 52X0.5	G230L 2376 Angstroms	BUFFER-TIME=99	CH 15 May 2003: changed buffertime to 99s (minimum continuously sustainable to protect against data loss should source flare during observation)	2240.0	6
16	CCD FLA T	STIS/CCD,ACCUM,0.3X0.09	G750L 7751 Angstroms		CH 15 May 2003 changed aperture as per STIS handbook table 11.1	[==>(Copy 1)] [==>(Copy 2)]	(6) (6)
17	(1)	ACS/WFC,ACCUM,WFC	F606W	CR-SPLIT=NO	Orbit 1	30.0	6
18	(1)	ACS/WFC,ACCUM,WFC	F814W	GAIN=2, CR-SPLIT=NO	Pattern 18-18 (3)	50.0 [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	(7) (7) (8) (8)
19	(1)	WFPC2,IMAGE,PC1-FIX	F814W	CR-SPLIT=NO, ATD-GAIN=7	Pattern 19-19 (5)	500.0 [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 2, Copy 1)] [==>600.0(Pattern 2, Copy 2)] [==>600.0(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>600.0(Pattern 4, Copy 1)] [==>600.0(Pattern 4, Copy 2)]	(9) (9) (9) (9) (9) (9) (10) (10)
20	(1)	STIS/CCD,ACQ,F28X50LP	MIRROR	ACQTYPE=POINT		2.0	11
21	(1)	STIS/CCD,ACQ,F28X50OII	MIRROR	ACQTYPE=POINT		0.3	11
22	(1)	STIS/CCD,ACQ/PEAK, 0.2X0.05ND	MIRROR			0.1	12
23	(1)	STIS/FUV-MAMA,ACCUM, 0.2X0.09	E140H 1598 Angstroms			841.0 [==>(Copy 1)] [==>(Copy 2)]	(12) (12)
24	(1)	ACS/WFC,ACCUM,WFC	F606W	GAIN=2, CR-SPLIT=NO, COMPRESSION=NO NE	In this exposure sequence we tie 5 exposures in the F606W filter (all to be excuted in orbit 1), each image has an: 1) exposure time of 396 sec; 2) COMPRESSION= NONE 3) CR_SPLIT=NO 4) GAIN=2 The employed dithering pattern in this orbit covers the gap.	396.0	13
25	(1)	ACS/WFC,ACCUM,WFC	F606W	GAIN=2, CR-SPLIT=NO, COMPRESSION=NO NE	POS TARG 2.01,2.02	396.0	13
26	(1)	ACS/WFC,ACCUM,WFC	F435W	CR-SPLIT=NO		11.0	14

ExposuresA (continued)

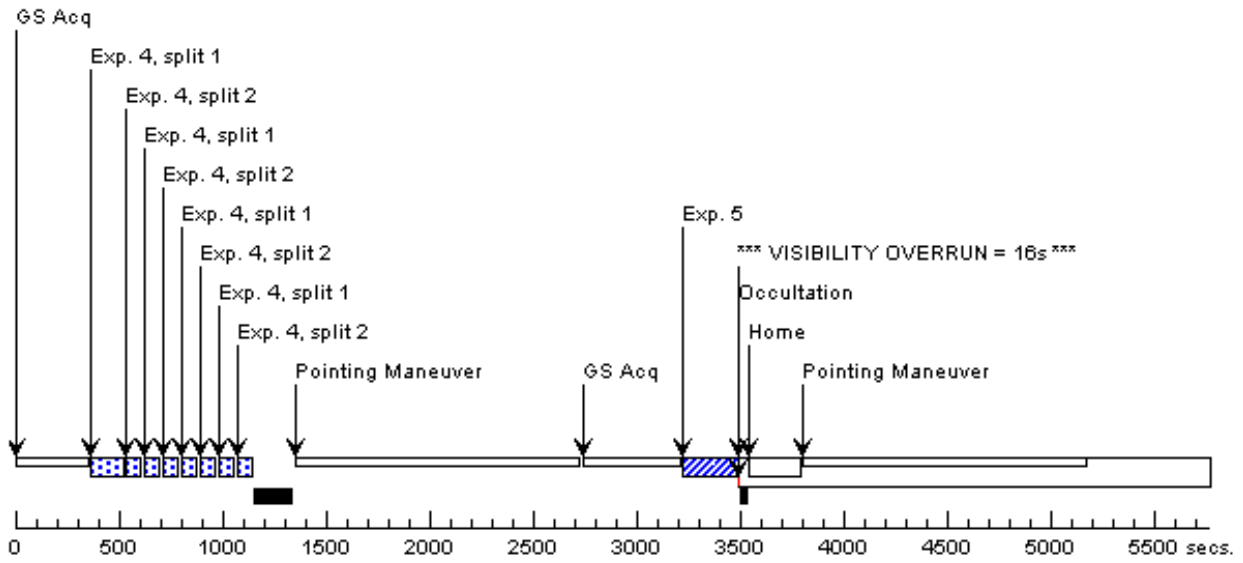
#	Targ	Config,Mode,Aperture	Spectral Els.	Optional Params.	SRs/Patterns/Comments	Exp. Time/[Actual Dur.]	Orbit
27	(1)	ACS/WFC,ACCUM,WFCENTER	F814W	CR-SPLIT=NO	Pattern 27-28 (6)	507.0 [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 2,1)] [==>(Pattern 2,2)]	(14) (14) (15) (15)
28	ANY	WFPC2,IMAGE,WFALL	F300W	CR-SPLIT=NO	Pattern 27-28 (6)	400.0 [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 2,1)] [==>(Pattern 2,2)]	(14) (14) (15) (15)
29	(1)	ACS/HRC,ACCUM,HRC-FIX	F606W	CR-SPLIT=NO	Planet saturation test for F606W.	120.0	16
30	(1)	ACS/HRC,ACCUM,HRC-FIX	F435W	CR-SPLIT=NO	Pattern 30-30 (7)	30.0 [==>(Pattern 1)] [==>(Pattern 2)]	(16) (16)
31	(2)	STIS/CCD,ACQ,F28X50LP	MIRROR	CHECKBOX=7, ACQTYPE=DIFFUSE , DIFFUSE-CENTER=FLUX-CENTROID	Acquire on P1	10.0	16
32	(2)	STIS/CCD,ACQ,50CCD	MIRROR	ACQTYPE=POINT	Acquisition exposure	5.0	17
33	(2)	STIS/CCD,ACQ,F28X50LP	MIRROR	ACQTYPE=POINT		5.0	17
34	(1)	STIS/CCD,ACCUM,52X0.2	G430M 4451 Angstroms	CR-SPLIT=3	Pattern 34-34 (8)	3045.0 [==>1022.0(Pattern 1, Split 3)] [==>1022.0(Pattern 2, Split 3)] [==>1022.0(Pattern 3, Split 3)] [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	(4) (5) (6) (17) (17) (18) (18) (19) (19)

Exposures A (continued)



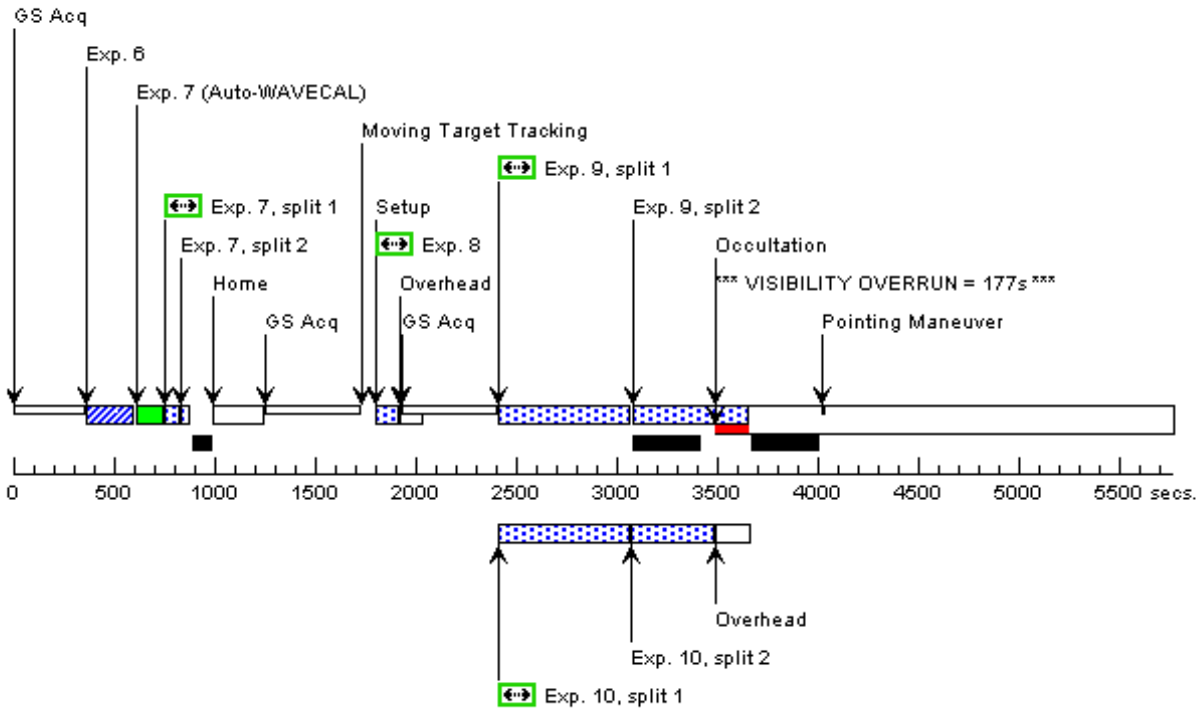
**Orbit 2**

Server Version: Unknown



**Orbit 3**

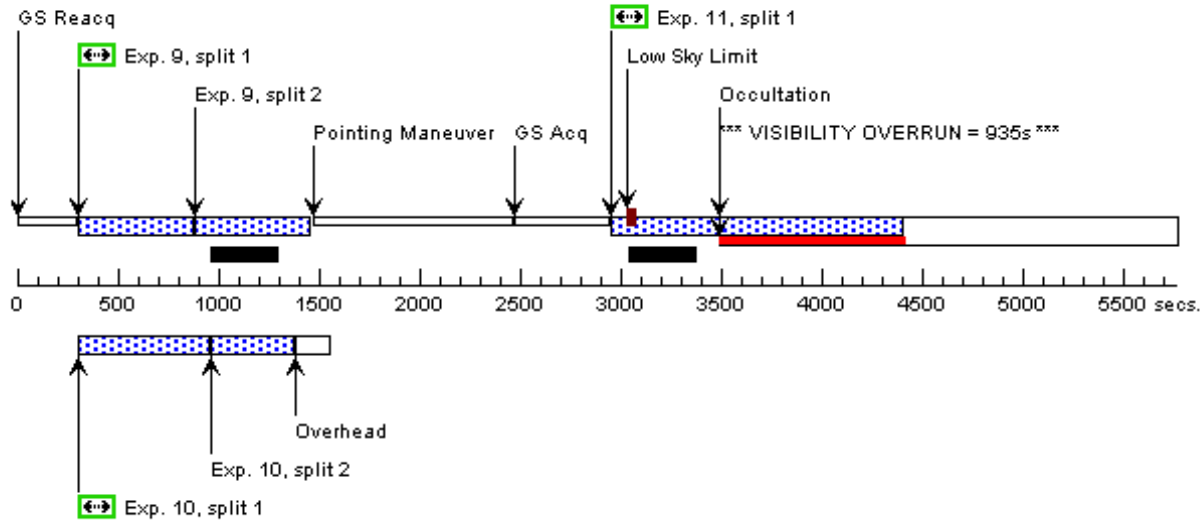
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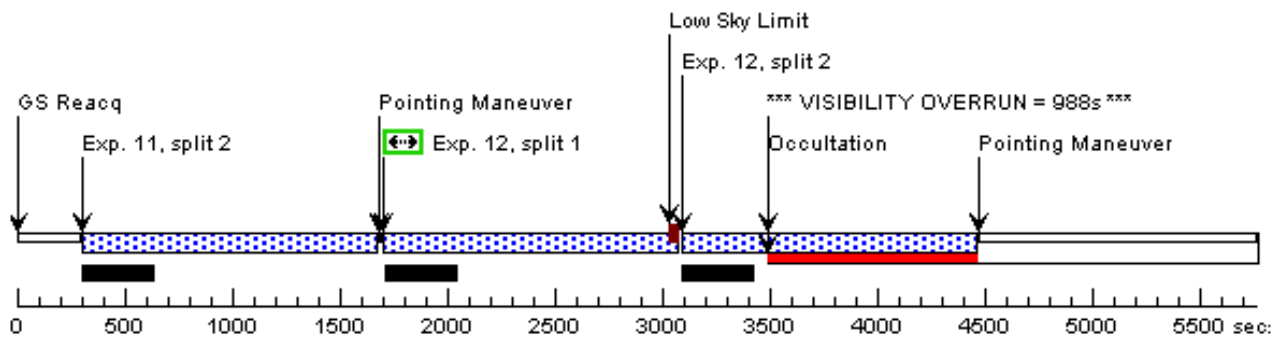
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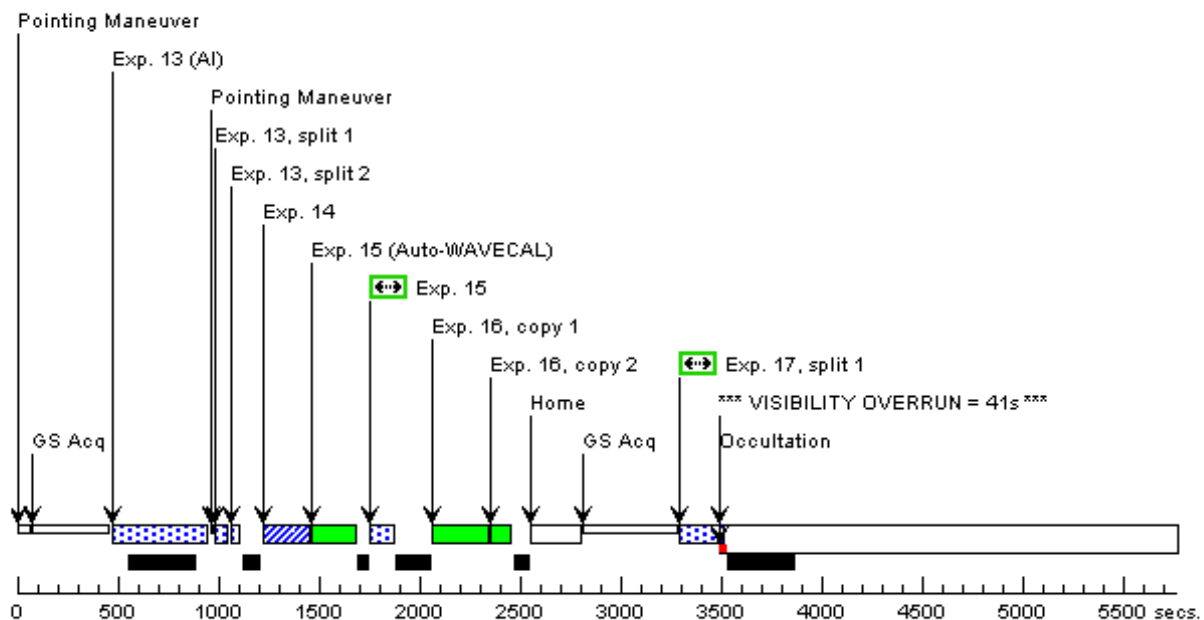
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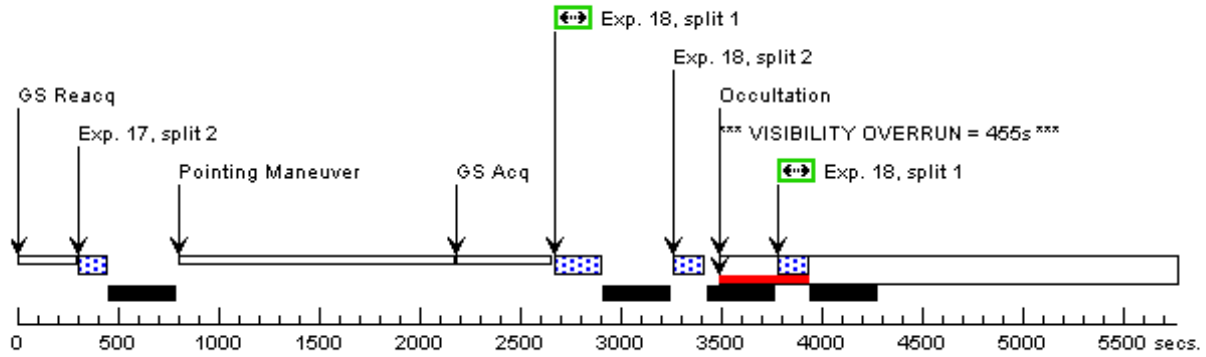
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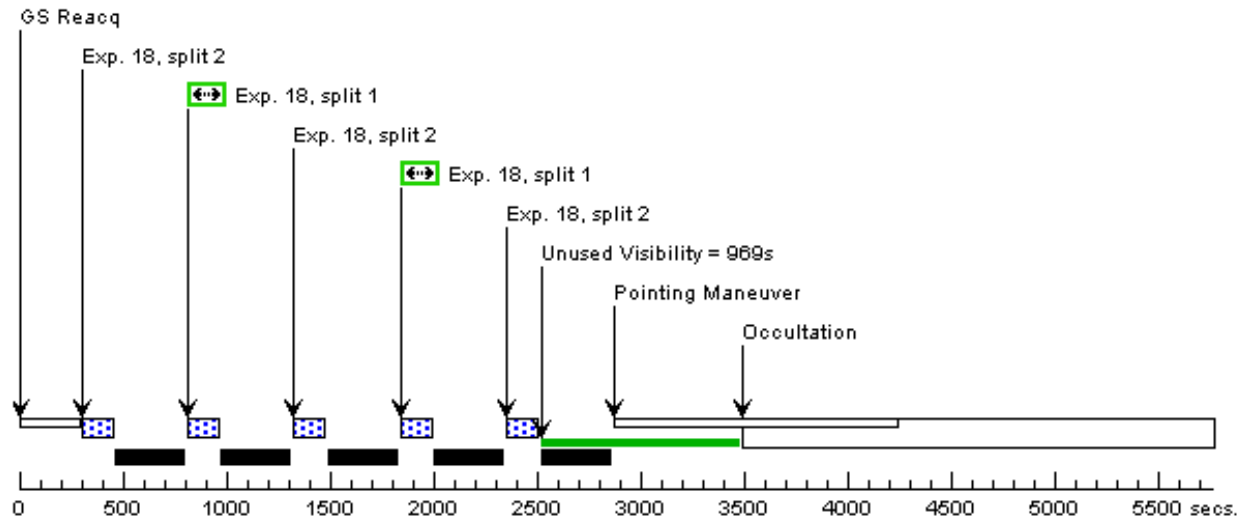
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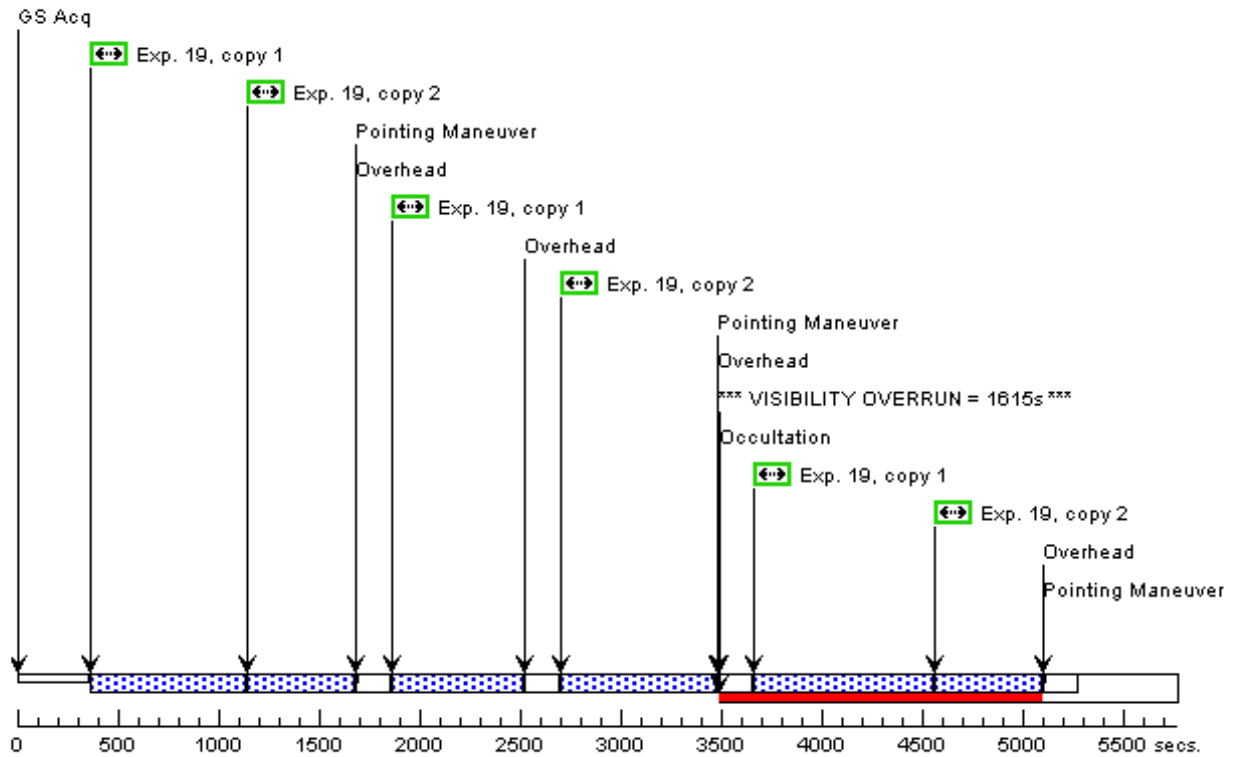
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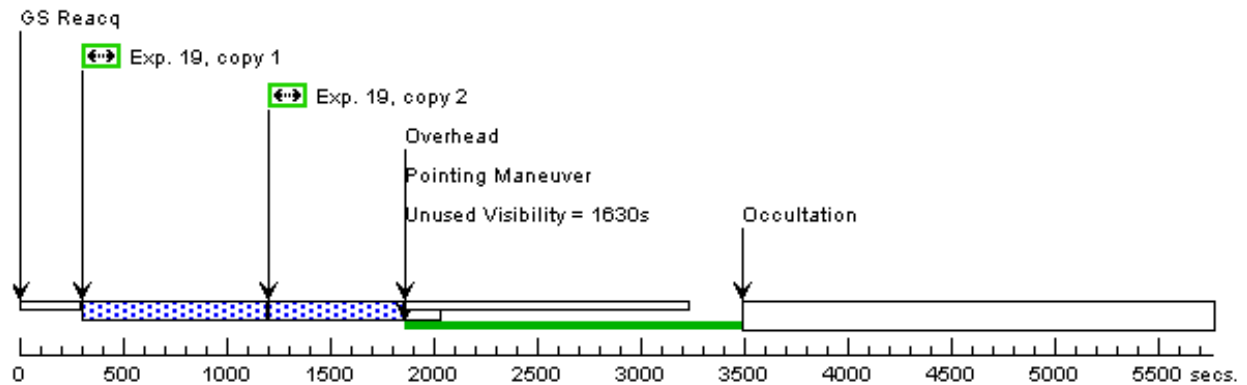
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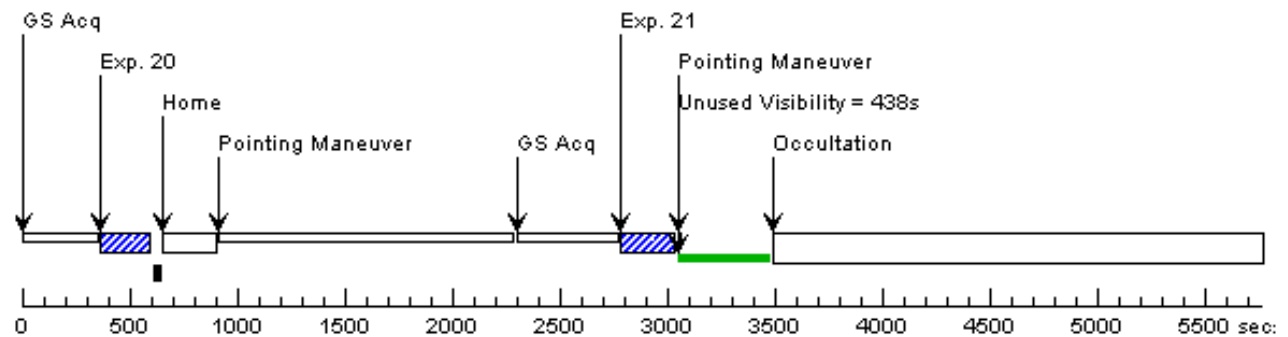
## Orbit 10

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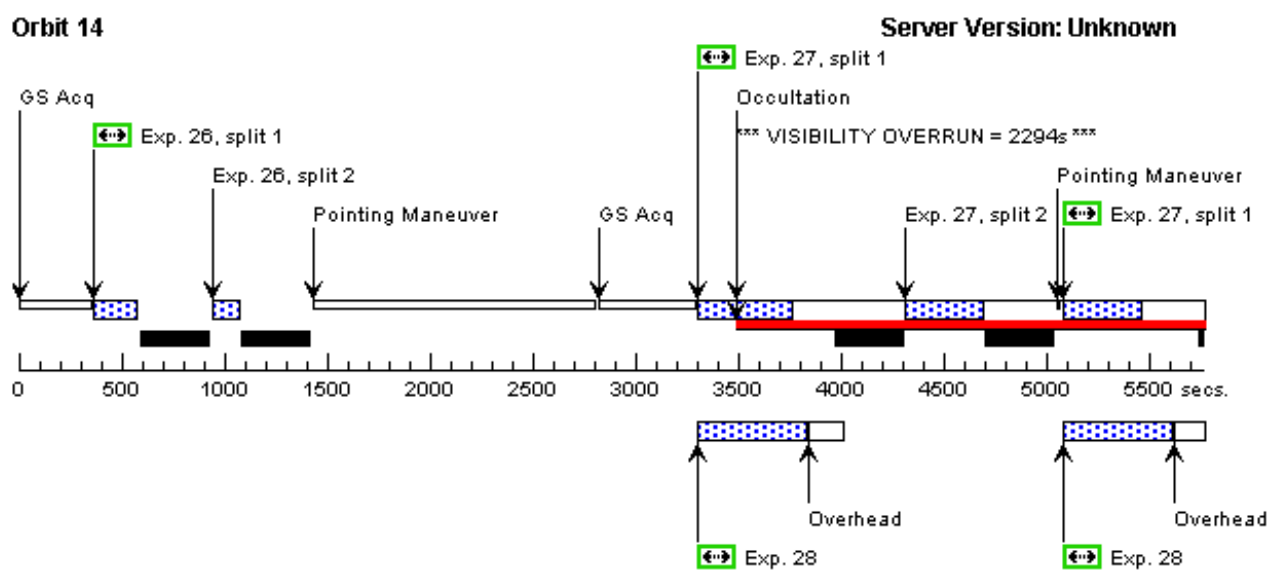
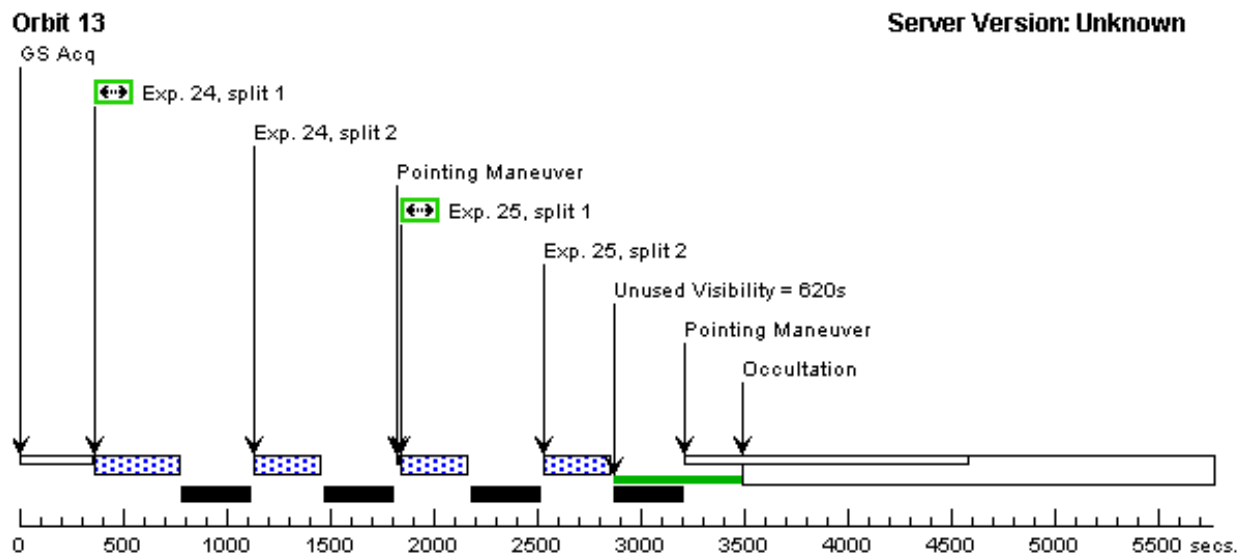
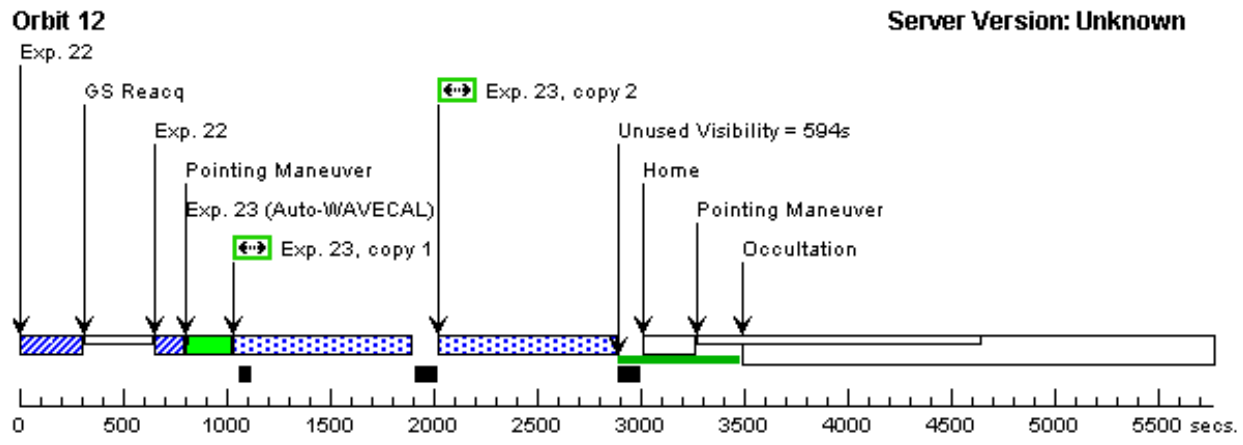


## Orbit 11

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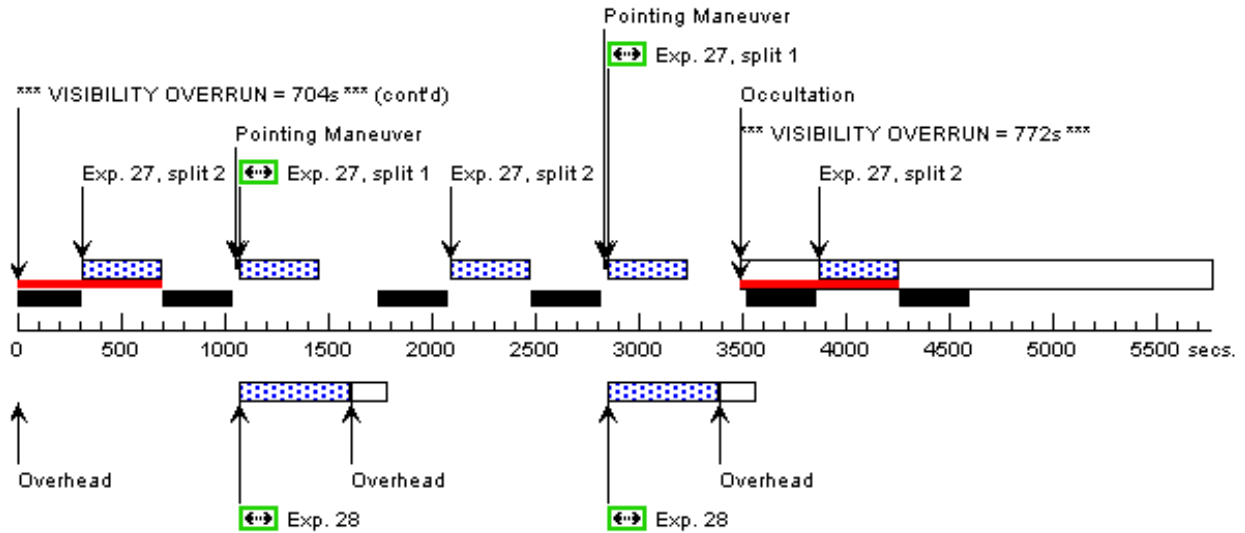


Orbit Structure (continued)



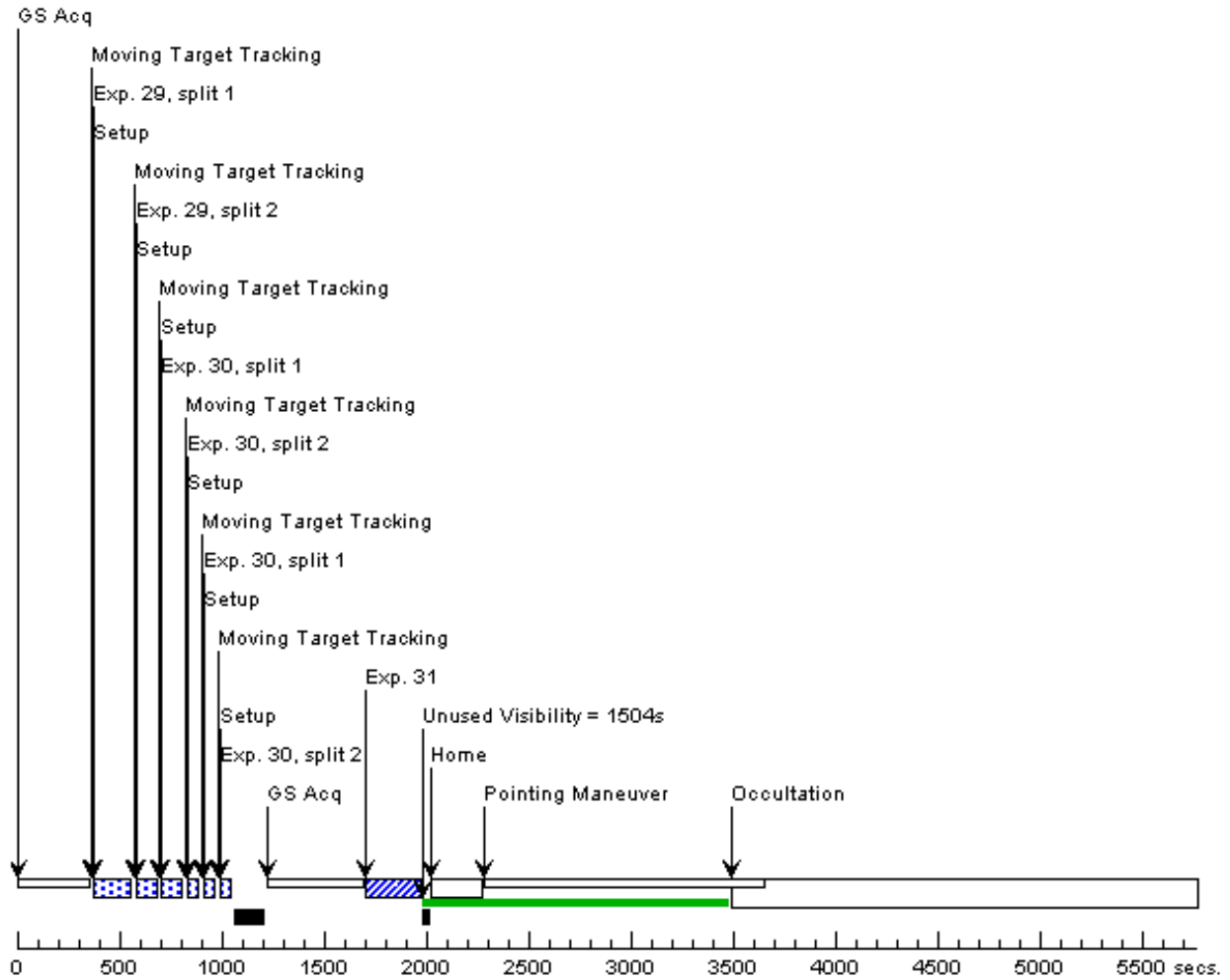
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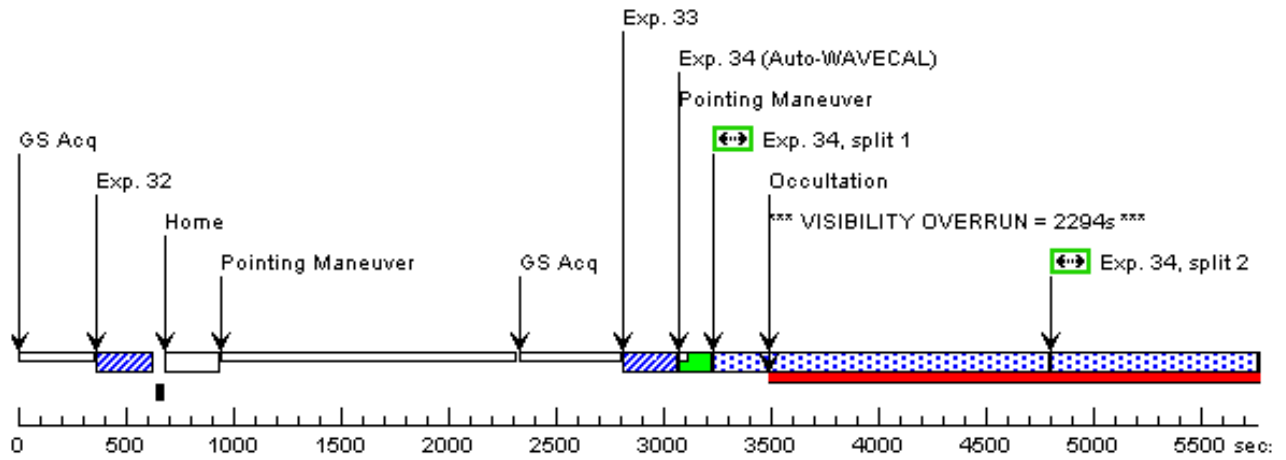
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## Orbit 17

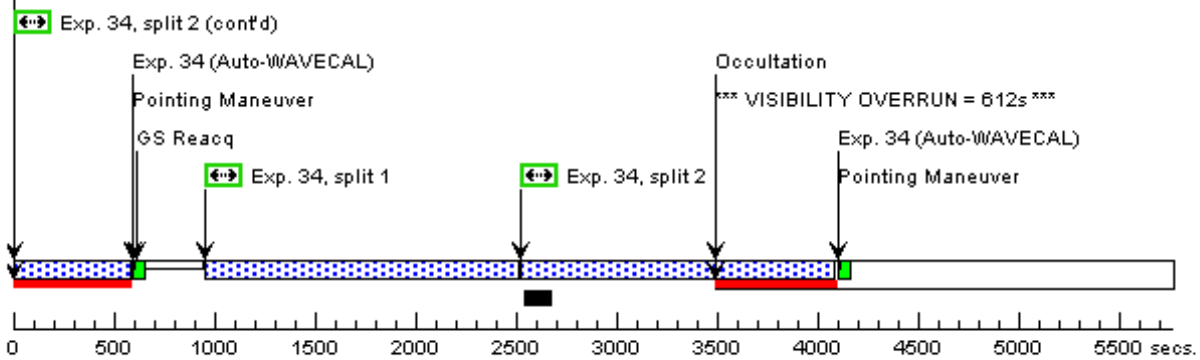
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## Orbit 18

Server Version: Unknown

\*\*\* VISIBILITY OVERRUN = 592s \*\*\* (cont'd)



## Orbit 19

Server Version: Unknown

