



12424 - COS FUV Spectroscopic Sensitivity Monitoring

Cycle: 18, Proposal Category: CAL/COS

(Availability Mode: RESTRICTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. Rachel A. Osten (PI)	Space Telescope Science Institute	
Dr. Charles D. Keyes (CoI)	Space Telescope Science Institute	
Dr. David J. Sahnou (CoI)	The Johns Hopkins University	
Dr. Alessandra Aloisi (CoI)	Space Telescope Science Institute - ESA	

VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) WD0947+857 WAVE	COS/FUV COS/NUV	2	30-Mar-2011 21:06:29.0	yes
02	(1) WD0947+857 WAVE	COS/FUV COS/NUV	2	30-Mar-2011 21:06:38.0	yes
03	(1) WD0947+857 WAVE	COS/FUV COS/NUV	2	30-Mar-2011 21:06:48.0	yes
04	(1) WD0947+857 WAVE	COS/FUV COS/NUV	2	30-Mar-2011 21:06:55.0	yes
05	(1) WD0947+857 WAVE	COS/FUV COS/NUV	2	30-Mar-2011 21:07:03.0	yes
06	(1) WD0947+857 WAVE	COS/FUV COS/NUV	2	30-Mar-2011 21:07:11.0	yes

Proposal 12424 (STScI Edit Number: 5, Created: Wednesday, March 30, 2011 8:08:38 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
07	(1) WD0947+857 WAVE	COS/FUV COS/NUV	2	30-Mar-2011 21:07:18.0	yes
08	(1) WD0947+857 WAVE	COS/FUV COS/NUV	2	30-Mar-2011 21:07:25.0	yes
09	(1) WD0947+857 WAVE	COS/FUV COS/NUV	2	30-Mar-2011 21:07:33.0	yes
10	(1) WD0947+857 WAVE	COS/FUV COS/NUV	2	30-Mar-2011 21:07:40.0	yes
11	(1) WD0947+857 WAVE	COS/FUV COS/NUV	2	30-Mar-2011 21:07:47.0	yes
12	(1) WD0947+857 WAVE	COS/FUV COS/NUV	2	30-Mar-2011 21:07:55.0	yes
20	(2) WD1057+719	COS/FUV COS/NUV	1	30-Mar-2011 21:07:59.0	yes
21	(2) WD1057+719	COS/FUV COS/NUV	1	30-Mar-2011 21:08:02.0	yes
22	(2) WD1057+719	COS/FUV COS/NUV	1	30-Mar-2011 21:08:06.0	yes
23	(2) WD1057+719	COS/FUV COS/NUV	1	30-Mar-2011 21:08:10.0	yes
33	(2) WD1057+719	COS/FUV COS/NUV	1	30-Mar-2011 21:08:13.0	yes
24	(2) WD1057+719	COS/FUV COS/NUV	1	30-Mar-2011 21:08:17.0	yes
25	(2) WD1057+719	COS/FUV COS/NUV	1	30-Mar-2011 21:08:20.0	yes
26	(2) WD1057+719	COS/FUV COS/NUV	1	30-Mar-2011 21:08:23.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
27	(2) WD1057+719	COS/FUV COS/NUV	1	30-Mar-2011 21:08:27.0	yes
28	(2) WD1057+719	COS/FUV COS/NUV	1	30-Mar-2011 21:08:30.0	yes
29	(2) WD1057+719	COS/FUV COS/NUV	1	30-Mar-2011 21:08:34.0	yes

35 Total Orbits Used

ABSTRACT

Purpose is to monitor sensitivity in each FUV grating mode to detect any change due to contamination or other causes.

OBSERVING DESCRIPTION

Obtain exposures in all FUV gratings every month. This entails every month having a 2 orbit visit of G140L+G130M, and a 1 orbit visit of G160M. The medium-resolution gratings are observed with 3 central wavelengths, covering the bluest, reddest, and middle. Main goal is to track time dependence of sensitivity as a function of wavelength.

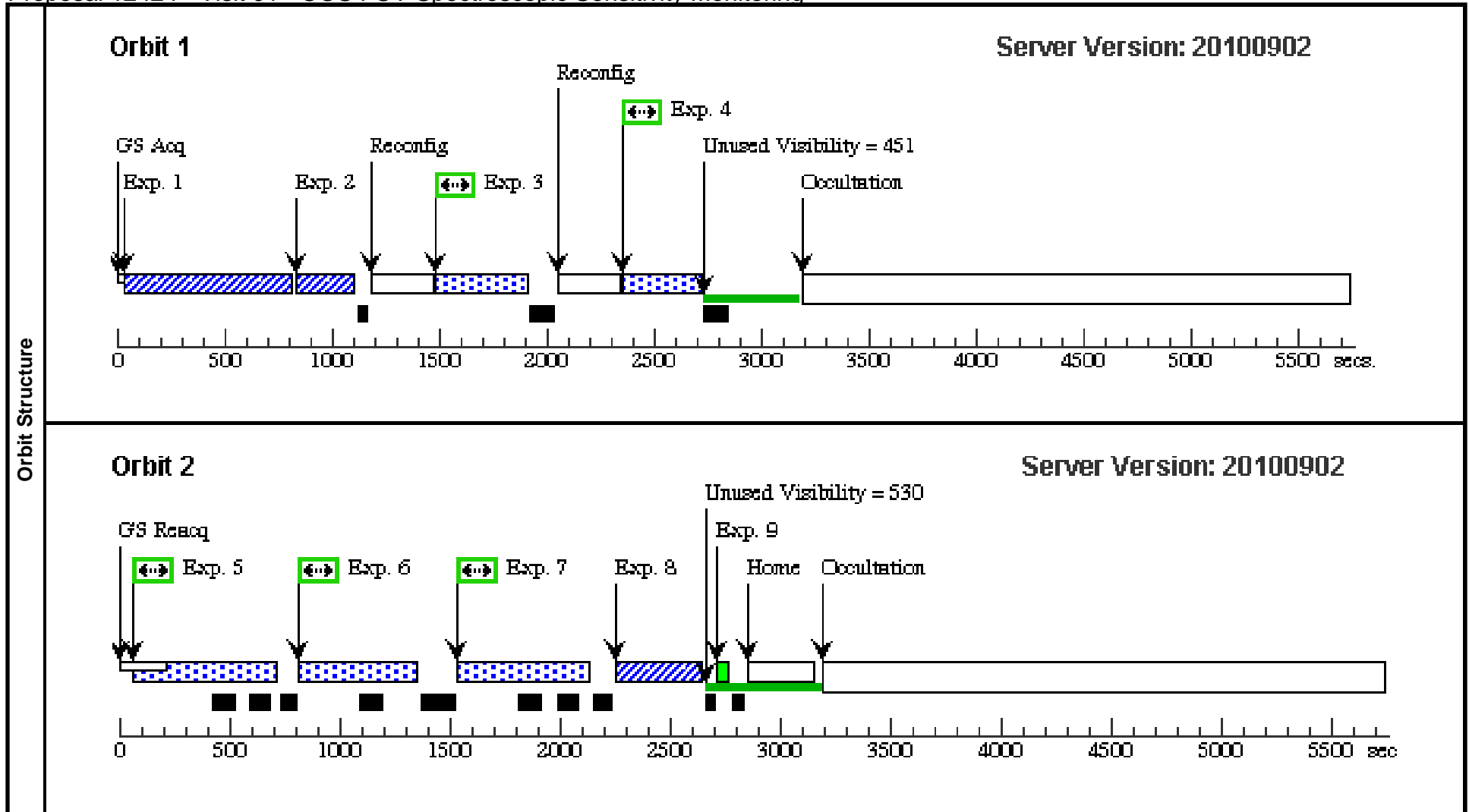
CALIBRATION JUSTIFICATION

accuracy required is minimum S/N of 30 per resolution element at the central wavelengths.

Proposal 12424 - Visit 01 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:38 GMT 2011

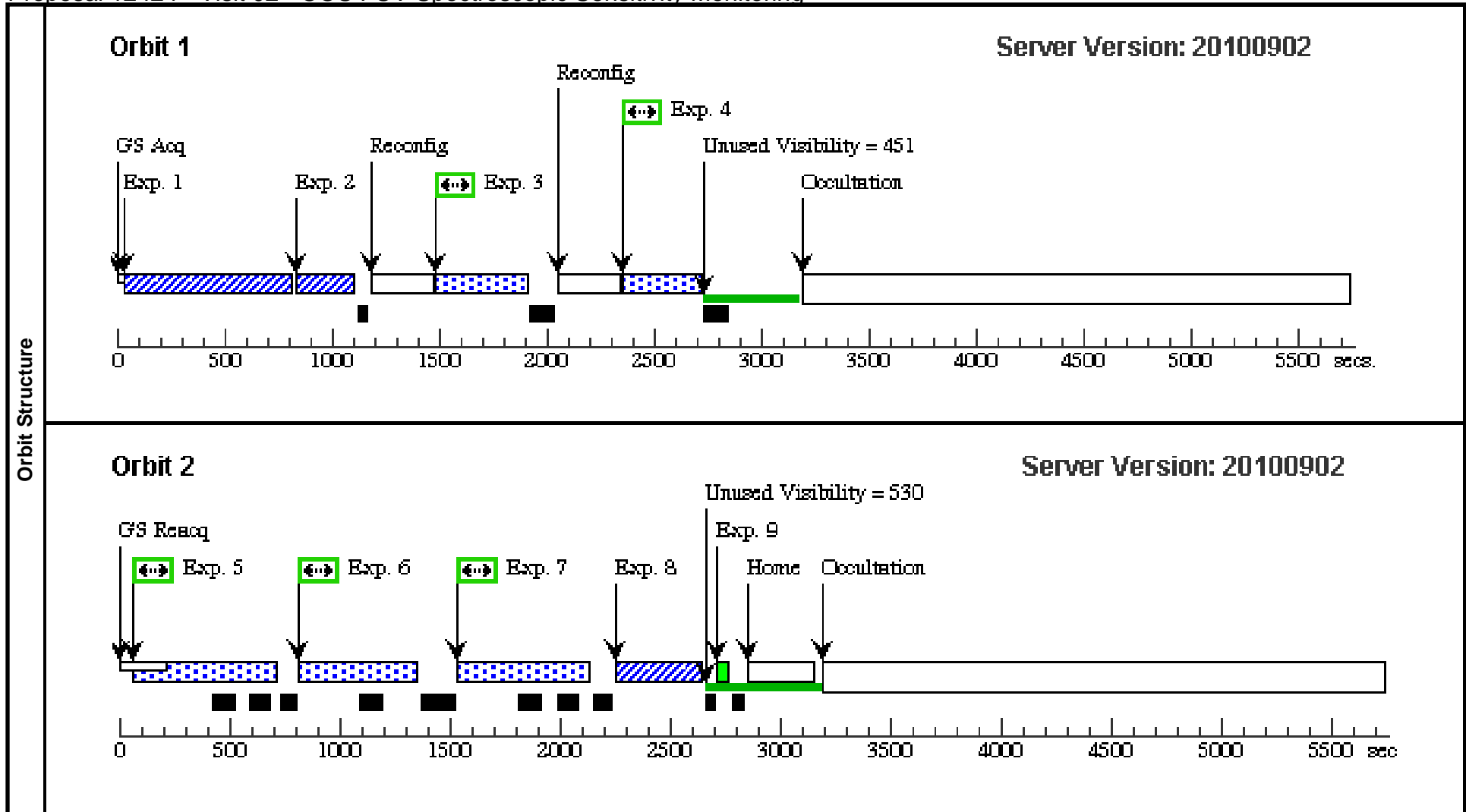
Visit	Proposal 12424, Visit 01, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 01-NOV-2010:00:00:00 AND 08-NOV-2010:00:00:00										
	Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (1) WD0947+857 RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000 Proper Motion RA: -0.01747 sec of time/yr V=15.9 Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19 Comments: HST FASTEX standard PM, coords from GSC2									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	MIRRORA - BOA ACQ /SEARCH	(1) WD0947+857	COS/NUV, ACQ/SEARCH, BOA	MIRRORA		STEP-SIZE=1.767; SCAN-SIZE=2			85.0 Secs [==>]	[1]
	Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)										
	2	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA					85.0 Secs [==>]	[1]
	Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)										
	3	G140L - 110 5 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1105 A		BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]
	Comments: Exposure time increased to account for sensitivity degradation.										
	4	G140L - 128 0 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1280 A		BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]
	Comments: Exposure time increased to account for sensitivity degradation.										
	5	G130M - 13 09 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1309 A		BUFFER-TIME=17 0; FP-POS=3			445.0 Secs [==>]	[2]
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361290 gives texp to reach SNR=30 per resel.											
6	G130M - 12 91 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1291 A		BUFFER-TIME=17 0; FP-POS=3			416.0 Secs [==>]	[2]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361289 gives texp to reach SNR=30 per resel.											
7	G130M - 13 27 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1327 A		BUFFER-TIME=17 4; FP-POS=3			481.0 Secs [==>]	[2]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361291 gives texp to reach SNR=30 per resel.											
8	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA					85.0 Secs [==>]	[2]	
Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)											
9	MIRRORA WAVE - WAVECA L		COS/NUV, TIME-TAG, WCA	MIRRORA					30.0 Secs [==>]	[2]	



Proposal 12424 - Visit 02 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:39 GMT 2011

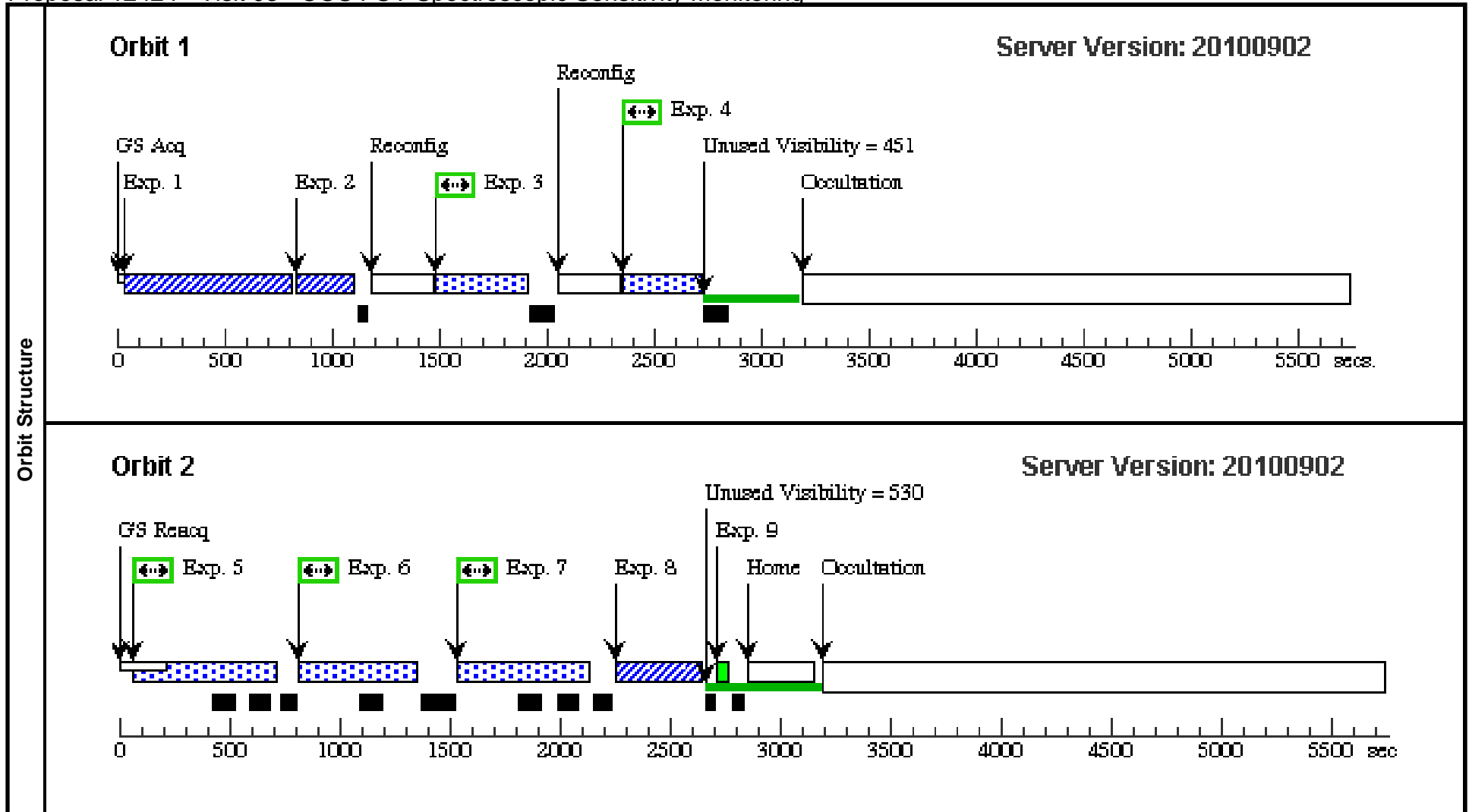
Visit	Proposal 12424, Visit 02, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 29-NOV-2010:00:00:00 AND 06-DEC-2010:00:00:00																					
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>WD0947+857</td> <td>RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000</td> <td>Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19</td> <td>V=15.9</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: HST FASTEX standard PM, coords from GSC2</i></p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																	
(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9	Reference Frame: ICRS																	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit												
	1	MIRRORA - BOA ACQ /SEARCH	(1) WD0947+857	COS/NUV, ACQ/SEARCH, BOA	MIRRORA	STEP-SIZE=1.767; SCAN-SIZE=2			85.0 Secs [==>]	[1]												
	<i>Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>																					
	2	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[1]												
	<i>Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>																					
	3	G140L - 110 5 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]												
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>																					
	4	G140L - 128 0 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]												
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	5	G130M - 13 09 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=17 0; FP-POS=3			445.0 Secs [==>]	[2]												
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361290 gives texp to reach SNR=30 per resel.</i>																						
6	G130M - 12 91 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FP-POS=3			416.0 Secs [==>]	[2]													
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7	G130M - 13 27 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=17 4; FP-POS=3			481.0 Secs [==>]	[2]													
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361291 gives texp to reach SNR=30 per resel.</i>																						
8	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[2]													
<i>Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>																						
9	MIRRORA - WAVECA L	WAVE	COS/NUV, TIME-TAG, WCA	MIRRORA				30.0 Secs [==>]	[2]													



Proposal 12424 - Visit 03 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:40 GMT 2011

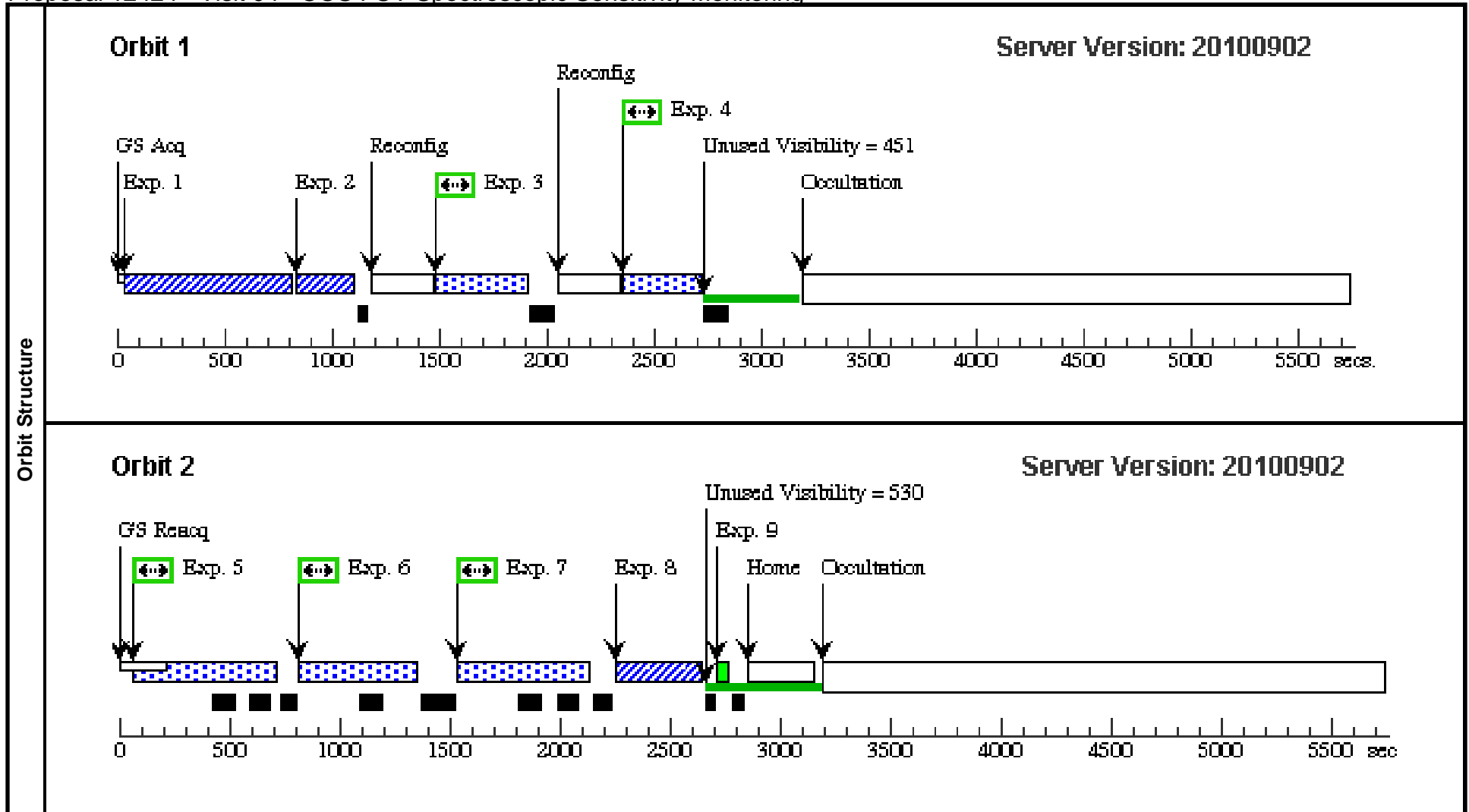
Visit	Proposal 12424, Visit 03, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 20-DEC-2010:00:00:00 AND 27-DEC-2010:00:00:00																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>WD0947+857</td> <td>RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000</td> <td>Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19</td> <td>V=15.9</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"><i>Comments: HST FASTEX standard PM, coords from GSC2</i></td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9	Reference Frame: ICRS	<i>Comments: HST FASTEX standard PM, coords from GSC2</i>				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9	Reference Frame: ICRS																							
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	<i>Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>																											
	2	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[1]																		
	<i>Comments: SN=60 in 85 seconds, 43 counts in region, brightest pixel=5.9 cts/s (COS.A217972)</i>																											
	3	G140L - 110 5 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]																		
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>																											
	4	G140L - 128 0 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]																		
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	5	G130M - 13 09 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=17 0; FP-POS=3			445.0 Secs [==>]	[2]																		
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7	G130M - 13 27 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=17 4; FP-POS=3			481.0 Secs [==>]	[2]																			
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361291 gives texp to reach SNR=30 per resel.</i>																												
8	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[2]																			
<i>Comments: SN=90 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>																												
9	MIRRORA - WAVECA L	WAVE	COS/NUV, TIME-TAG, WCA	MIRRORA				30.0 Secs [==>]	[2]																			



Proposal 12424 - Visit 04 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:40 GMT 2011

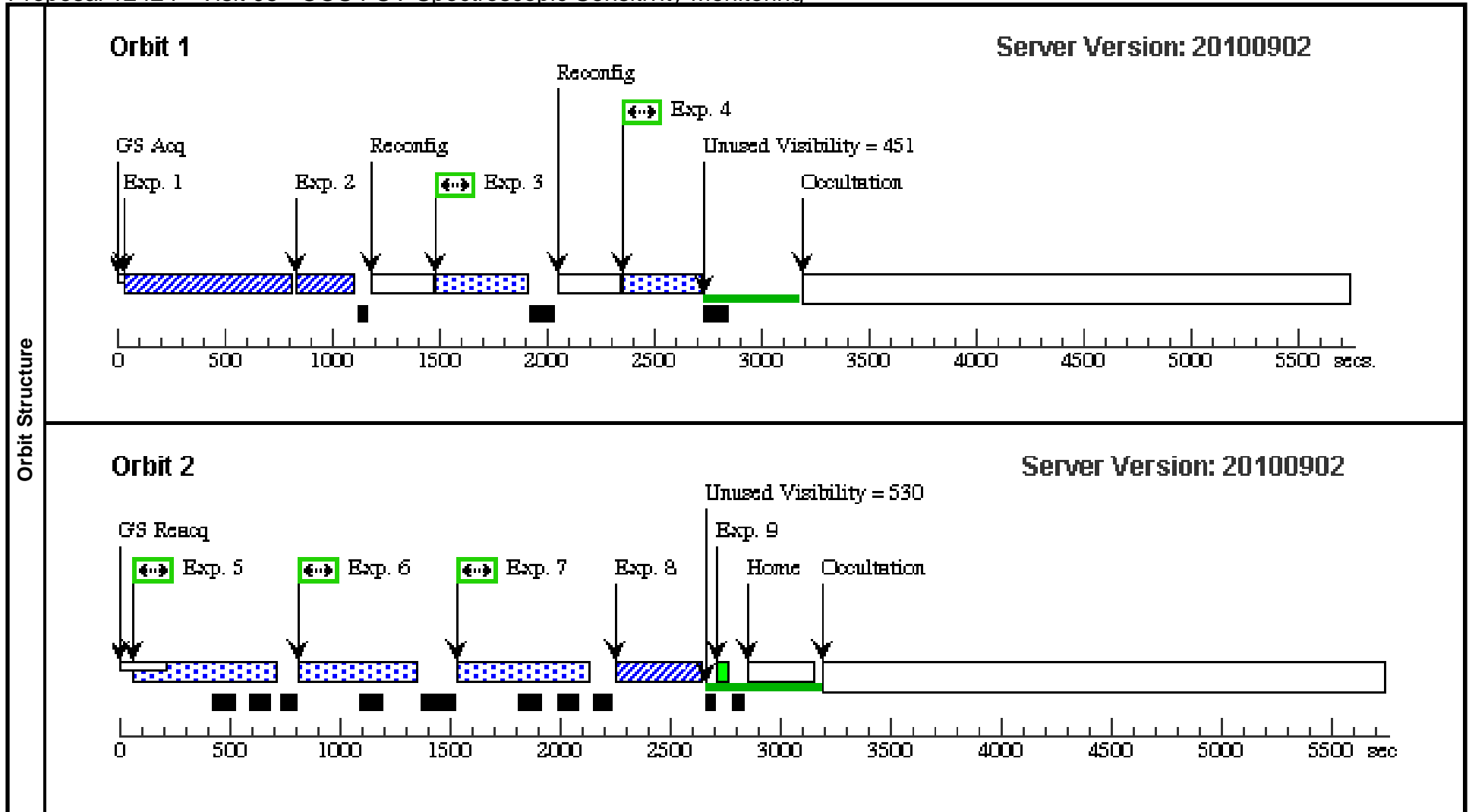
Visit	Proposal 12424, Visit 04, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 24-JAN-2011:00:00:00 AND 31-JAN-2011:00:00:00																					
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>WD0947+857</td> <td>RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000</td> <td>Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19</td> <td>V=15.9</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: HST FASTEX standard PM, coords from GSC2</i></p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9
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	<i>Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>																					
	2	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[1]												
	<i>Comments: SN=60 in 85 seconds, 43 counts in region, brightest pixel=5.9 cts/s (COS.A217972)</i>																					
	3	G140L - 110 5 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]												
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>																					
	4	G140L - 128 0 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=24 9; FP-POS=4			250.0 Secs [==>]	[1]												
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>																					
	5	G130M - 13 09 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=17 0; FP-POS=3			445.0 Secs [==>]	[2]												
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361290 gives texp to reach SNR=30 per resel.</i>																						
6	G130M - 12 91 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FP-POS=3			416.0 Secs [==>]	[2]													
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361289 gives texp to reach SNR=30 per resel.</i>																						
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<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361291 gives texp to reach SNR=30 per resel.</i>																						
8	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[2]													
<i>Comments: SN=90 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>																						
9	MIRRORA - WAVECA L	WAVE	COS/NUV, TIME-TAG, WCA	MIRRORA				30.0 Secs [==>]	[2]													



Proposal 12424 - Visit 05 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:41 GMT 2011

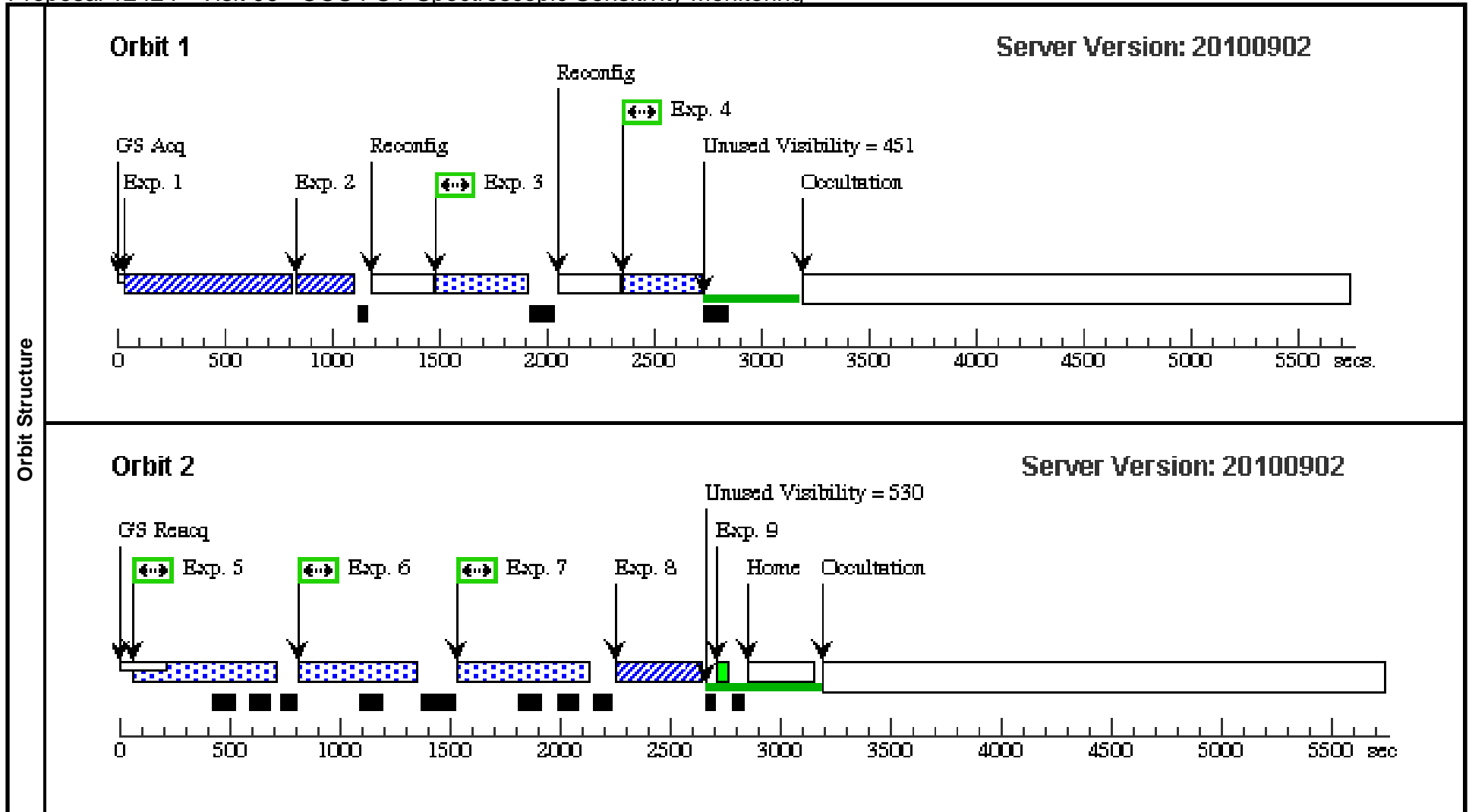
Visit	Proposal 12424, Visit 05, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 21-FEB-2011:00:00:00 AND 27-FEB-2011:00:00:00																					
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>WD0947+857</td> <td>RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000</td> <td>Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19</td> <td>V=15.9</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: HST FASTEX standard PM, coords from GSC2</i></p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																	
(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9	Reference Frame: ICRS																	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit												
	1	MIRRORA - BOA ACQ /SEARCH	(1) WD0947+857	COS/NUV, ACQ/SEARCH, BOA	MIRRORA	STEP-SIZE=1.767; SCAN-SIZE=2			85.0 Secs [==>]	[1]												
	<i>Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>																					
	2	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[1]												
	<i>Comments: SN=60 in 85 seconds, 43 counts in region, brightest pixel=5.9 cts/s (COS.A217972)</i>																					
	3	G140L - 110 5 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]												
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>																					
	4	G140L - 128 0 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=24 9; FP-POS=4			250.0 Secs [==>]	[1]												
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>																					
	5	G130M - 13 09 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=17 0; FP-POS=3			445.0 Secs [==>]	[2]												
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361290 gives texp to reach SNR=30 per resel.</i>																						
6	G130M - 12 91 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FP-POS=3			416.0 Secs [==>]	[2]													
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361289 gives texp to reach SNR=30 per resel.</i>																						
7	G130M - 13 27 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=17 4; FP-POS=3			481.0 Secs [==>]	[2]													
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361291 gives texp to reach SNR=30 per resel.</i>																						
8	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[2]													
<i>Comments: SN=90 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>																						
9	MIRRORA - WAVECA L	WAVE	COS/NUV, TIME-TAG, WCA	MIRRORA				30.0 Secs [==>]	[2]													



Proposal 12424 - Visit 06 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:41 GMT 2011

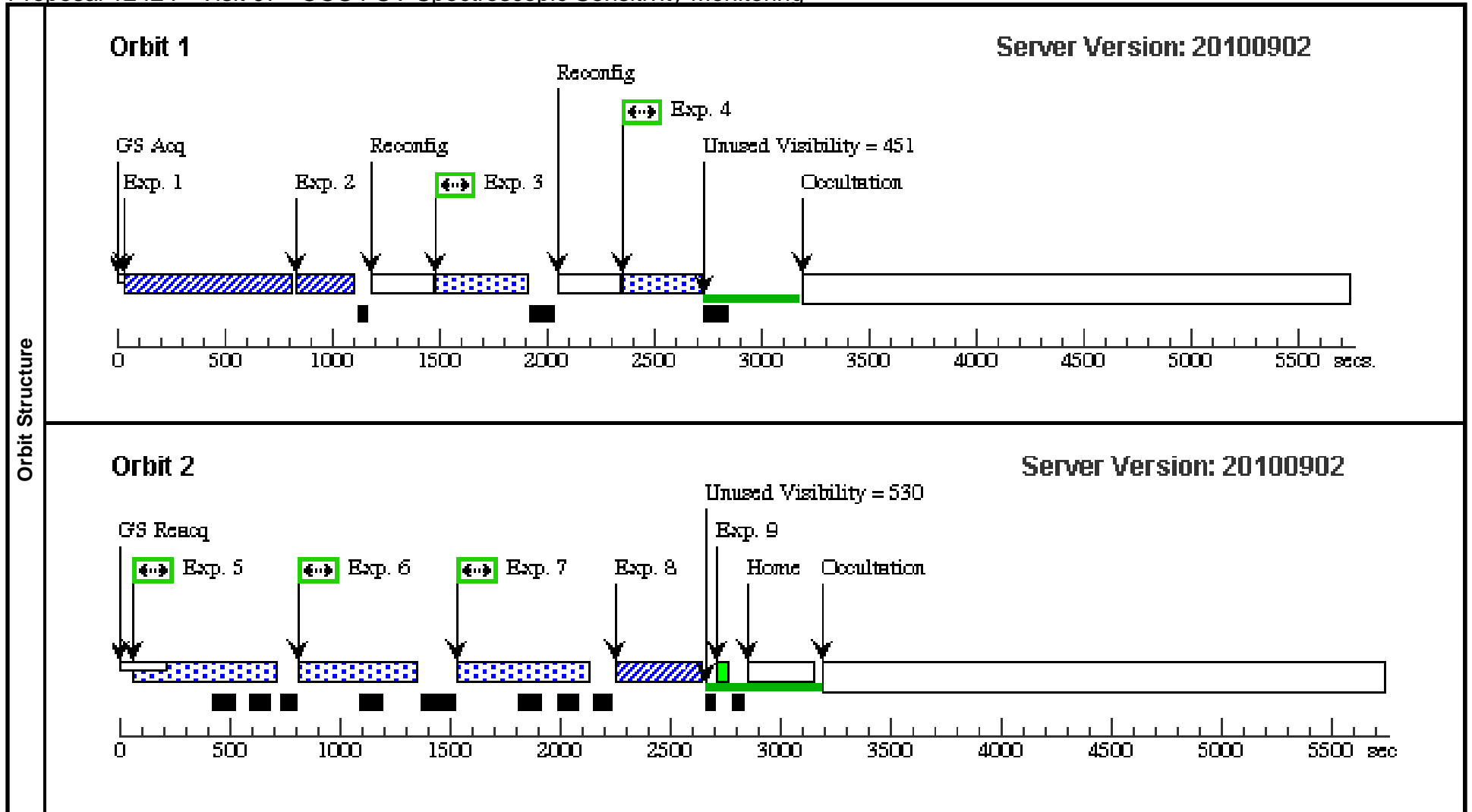
Visit	Proposal 12424, Visit 06, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 21-MAR-2011:00:00:00 AND 28-MAR-2011:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9	Reference Frame: ICRS				
	<i>Comments: HST FASTEX standard PM, coords from GSC2</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	MIRRORA - BOA ACQ /SEARCH	(1) WD0947+857	COS/NUV, ACQ/SEARCH, BOA	MIRRORA	STEP-SIZE=1.767; SCAN-SIZE=2			85.0 Secs [==>]	[1]
	<i>Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>									
	2	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[1]
	<i>Comments: SN=60 in 85 seconds, 43 counts in region, brightest pixel=5.9 cts/s (COS.A217972)</i>									
	3	G140L - 110 5 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>									
	4	G140L - 128 0 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=24 9; FP-POS=4			250.0 Secs [==>]	[1]
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>									
	5	G130M - 13 09 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=17 0; FP-POS=3			445.0 Secs [==>]	[2]
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361290 gives texp to reach SNR=30 per resel.</i>										
6	G130M - 12 91 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FP-POS=3			416.0 Secs [==>]	[2]	
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361289 gives texp to reach SNR=30 per resel.</i>										
7	G130M - 13 27 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=17 4; FP-POS=3			481.0 Secs [==>]	[2]	
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361291 gives texp to reach SNR=30 per resel.</i>										
8	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[2]	
<i>Comments: SN=90 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>										
9	MIRRORA - WAVECA L	WAVE	COS/NUV, TIME-TAG, WCA	MIRRORA				30.0 Secs [==>]	[2]	



Proposal 12424 - Visit 07 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:42 GMT 2011

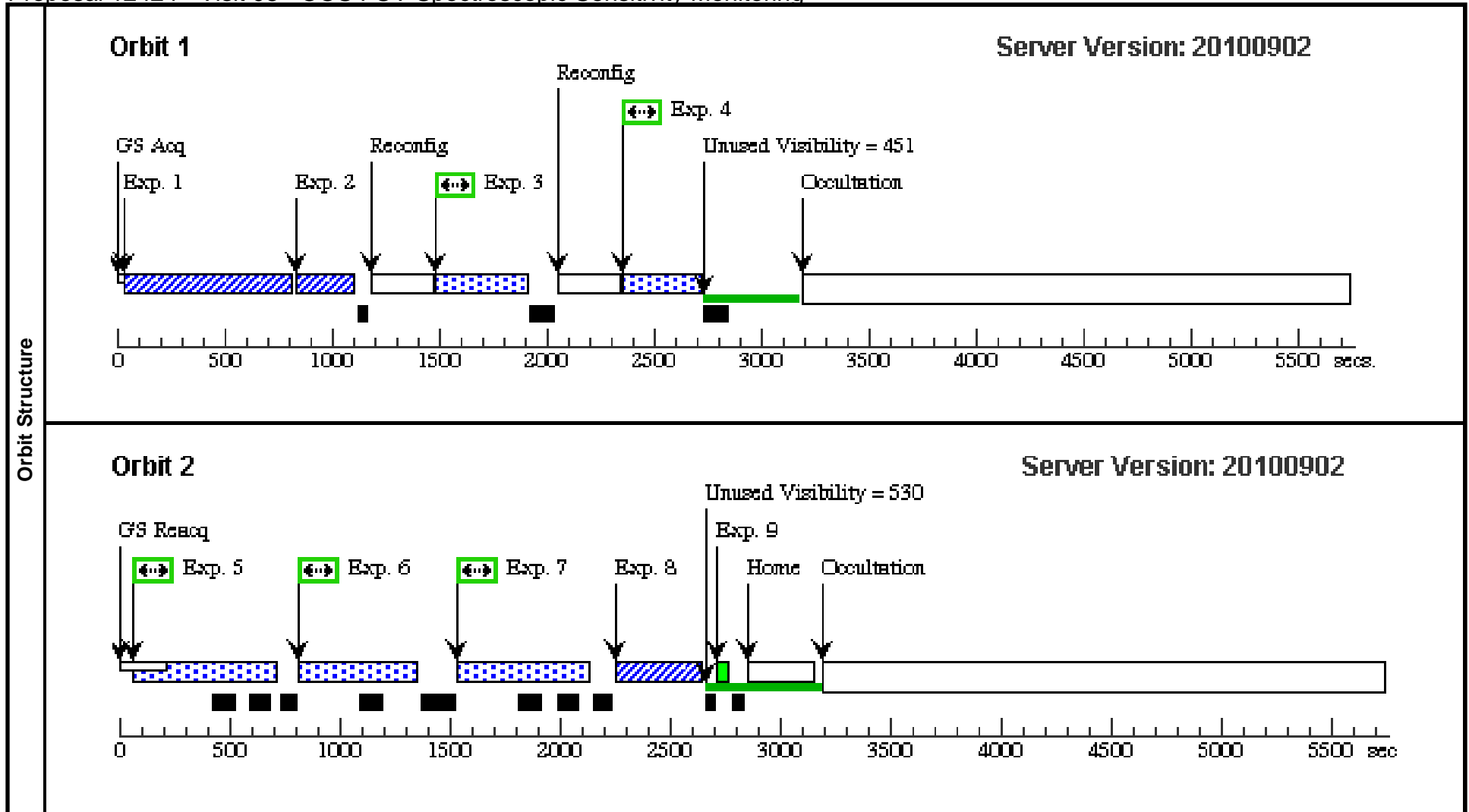
Visit	Proposal 12424, Visit 07, implementation Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 18-APR-2011:00:00:00 AND 25-APR-2011:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9	Reference Frame: ICRS				
	<i>Comments: HST FASTEX standard PM, coords from GSC2</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	MIRRORA - BOA ACQ /SEARCH	(1) WD0947+857	COS/NUV, ACQ/SEARCH, BOA	MIRRORA	STEP-SIZE=1.767; SCAN-SIZE=2			85.0 Secs [==>]	[1]
	<i>Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>									
	2	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[1]
	<i>Comments: SN=60 in 85 seconds, 43 counts in region, brightest pixel=5.9 cts/s (COS.A217972)</i>									
	3	G140L - 110 5 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>									
	4	G140L - 123 0 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1230 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>									
	5	G130M - 13 09 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=17 0; FP-POS=3			445.0 Secs [==>]	[2]
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361290 gives texp to reach SNR=30 per resel.</i>										
6	G130M - 12 91 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FP-POS=3			416.0 Secs [==>]	[2]	
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361289 gives texp to reach SNR=30 per resel.</i>										
7	G130M - 13 27 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=17 4; FP-POS=3			481.0 Secs [==>]	[2]	
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361291 gives texp to reach SNR=30 per resel.</i>										
8	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[2]	
<i>Comments: SN=90 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>										
9	MIRRORA - WAVECA L	WAVE	COS/NUV, TIME-TAG, WCA	MIRRORA				30.0 Secs [==>]	[2]	



Proposal 12424 - Visit 08 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:42 GMT 2011

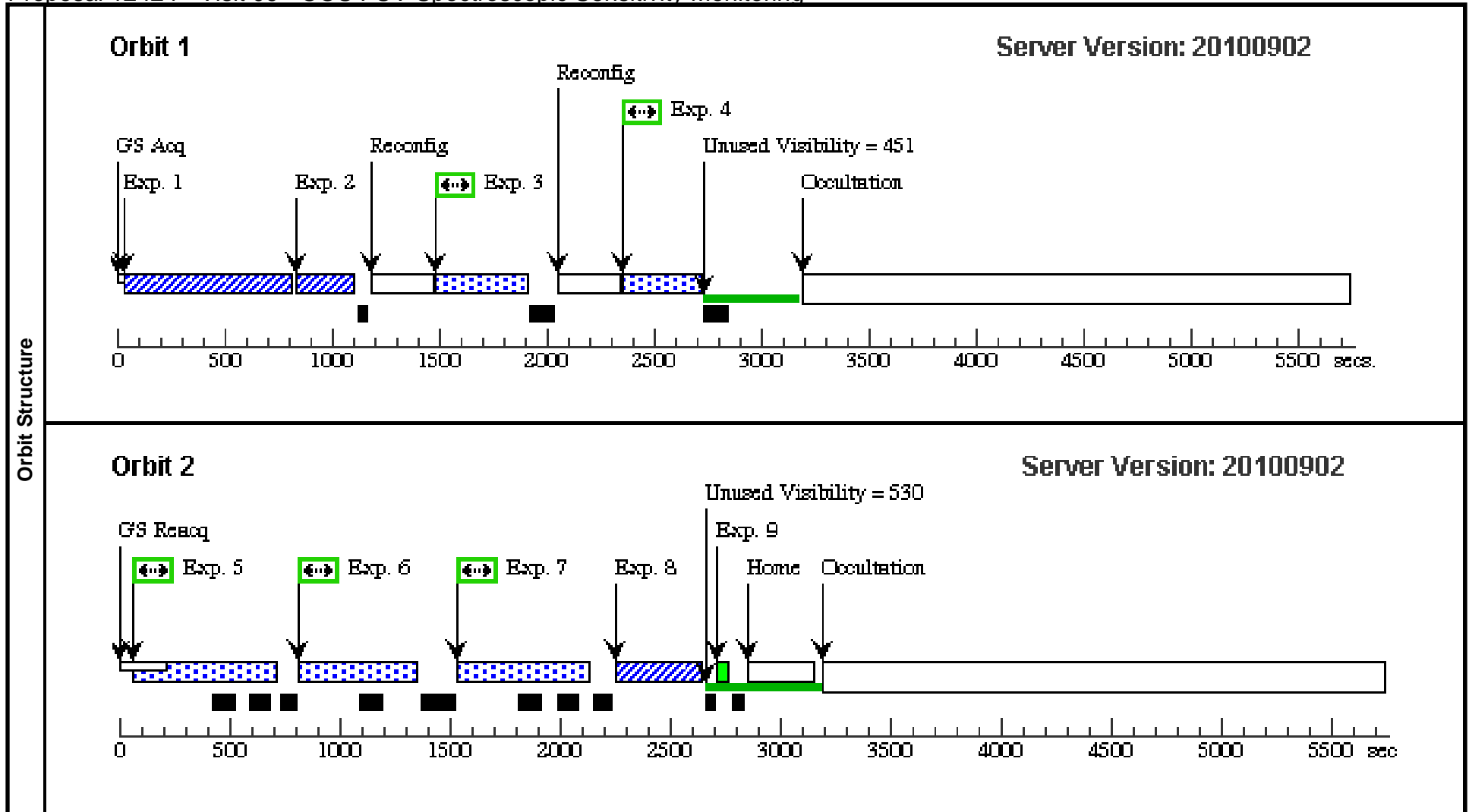
Visit	Proposal 12424, Visit 08, implementation Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 16-MAY-2011:00:00:00 AND 23-MAY-2011:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9	Reference Frame: ICRS				
	<i>Comments: HST FASTEX standard PM, coords from GSC2</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	MIRRORA - BOA ACQ /SEARCH	(1) WD0947+857	COS/NUV, ACQ/SEARCH, BOA	MIRRORA	STEP-SIZE=1.767; SCAN-SIZE=2			85.0 Secs [==>]	[1]
	<i>Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>									
	2	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[1]
	<i>Comments: SN=60 in 85 seconds, 43 counts in region, brightest pixel=5.9 cts/s (COS.A217972)</i>									
	3	G140L - 110 5 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>									
	4	G140L - 123 0 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1230 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>									
	5	G130M - 13 09 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=17 0; FP-POS=3			445.0 Secs [==>]	[2]
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361290 gives texp to reach SNR=30 per resel.</i>										
6	G130M - 12 91 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FP-POS=3			416.0 Secs [==>]	[2]	
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361289 gives texp to reach SNR=30 per resel.</i>										
7	G130M - 13 27 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=17 4; FP-POS=3			481.0 Secs [==>]	[2]	
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361291 gives texp to reach SNR=30 per resel.</i>										
8	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[2]	
<i>Comments: SN=90 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>										
9	MIRRORA - WAVECA L	WAVE	COS/NUV, TIME-TAG, WCA	MIRRORA				30.0 Secs [==>]	[2]	



Proposal 12424 - Visit 09 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:42 GMT 2011

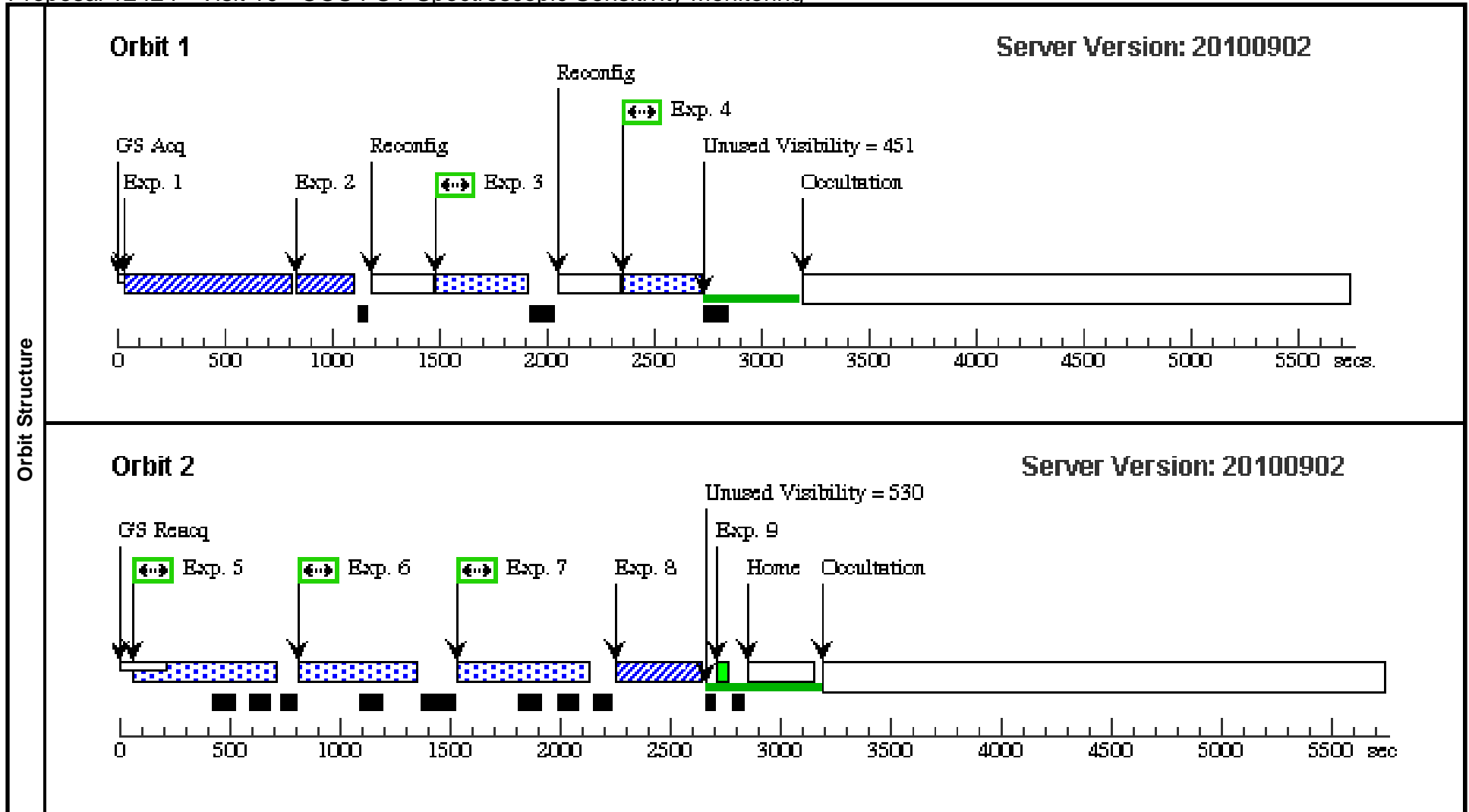
Visit	Proposal 12424, Visit 09, implementation Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 13-JUN-2011:00:00:00 AND 20-JUN-2011:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9	Reference Frame: ICRS				
	<i>Comments: HST FASTEX standard PM, coords from GSC2</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	MIRRORA - BOA ACQ /SEARCH	(1) WD0947+857	COS/NUV, ACQ/SEARCH, BOA	MIRRORA	STEP-SIZE=1.767; SCAN-SIZE=2			85.0 Secs [==>]	[1]
	<i>Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>									
	2	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[1]
	<i>Comments: SN=60 in 85 seconds, 43 counts in region, brightest pixel=5.9 cts/s (COS.A217972)</i>									
	3	G140L - 110 5 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>									
	4	G140L - 123 0 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1230 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>									
	5	G130M - 13 09 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=17 0; FP-POS=3			445.0 Secs [==>]	[2]
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361290 gives texp to reach SNR=30 per resel.</i>										
6	G130M - 12 91 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FP-POS=3			416.0 Secs [==>]	[2]	
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361289 gives texp to reach SNR=30 per resel.</i>										
7	G130M - 13 27 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=17 4; FP-POS=3			481.0 Secs [==>]	[2]	
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361291 gives texp to reach SNR=30 per resel.</i>										
8	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[2]	
<i>Comments: SN=90 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>										
9	MIRRORA - WAVECA L	WAVE	COS/NUV, TIME-TAG, WCA	MIRRORA				30.0 Secs [==>]	[2]	



Proposal 12424 - Visit 10 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:43 GMT 2011

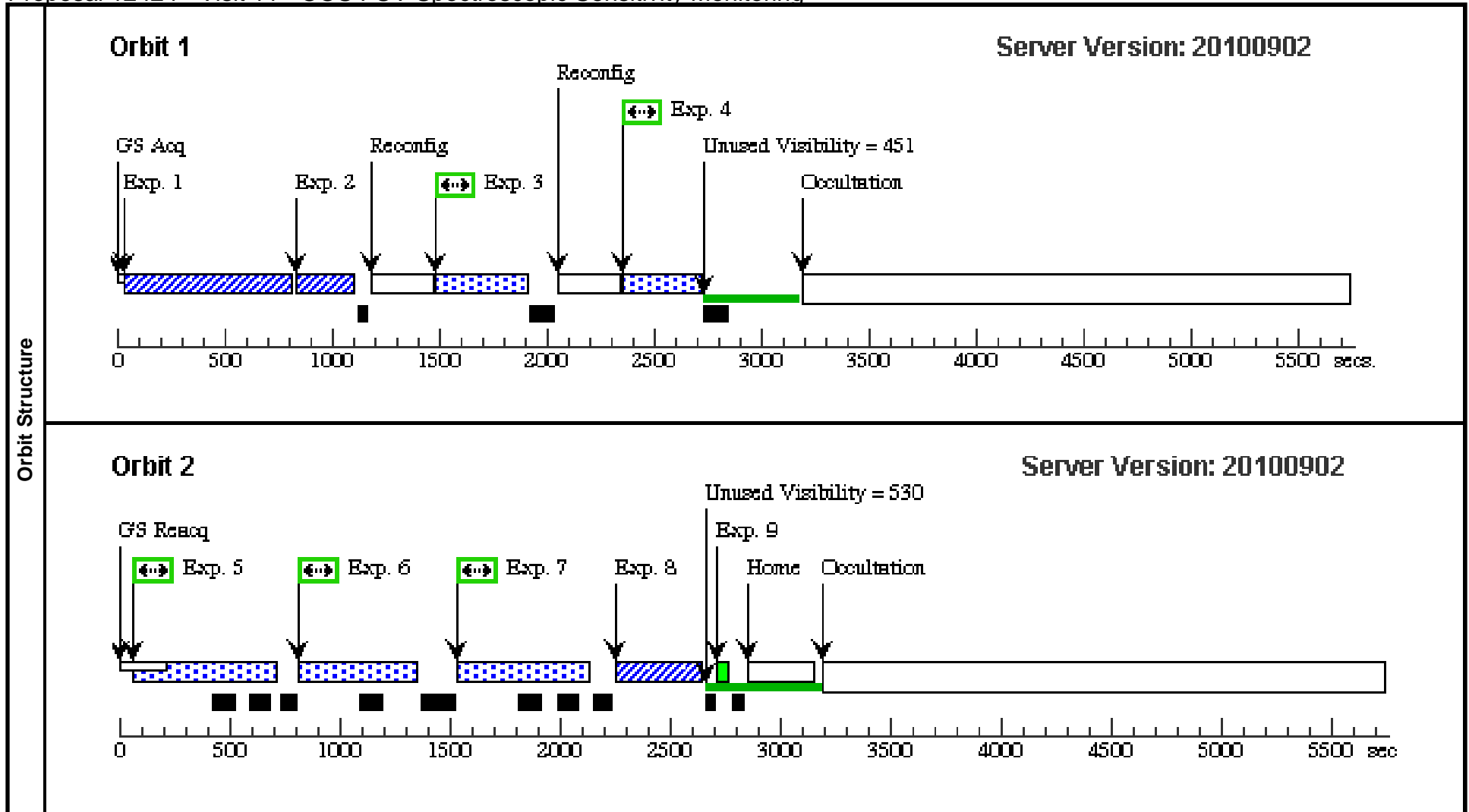
Visit	Proposal 12424, Visit 10, implementation Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 11-JUL-2011:00:00:00 AND 18-JUL-2011:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9	Reference Frame: ICRS				
	<i>Comments: HST FASTEX standard PM, coords from GSC2</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	MIRRORA - BOA ACQ /SEARCH	(1) WD0947+857	COS/NUV, ACQ/SEARCH, BOA	MIRRORA	STEP-SIZE=1.767; SCAN-SIZE=2			85.0 Secs [==>]	[1]
	<i>Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>									
	2	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[1]
	<i>Comments: SN=60 in 85 seconds, 43 counts in region, brightest pixel=5.9 cts/s (COS.A217972)</i>									
	3	G140L - 110 5 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>									
	4	G140L - 123 0 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1230 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>									
	5	G130M - 13 09 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=17 0; FP-POS=3			445.0 Secs [==>]	[2]
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361290 gives texp to reach SNR=30 per resel.</i>										
6	G130M - 12 91 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FP-POS=3			416.0 Secs [==>]	[2]	
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361289 gives texp to reach SNR=30 per resel.</i>										
7	G130M - 13 27 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=17 4; FP-POS=3			481.0 Secs [==>]	[2]	
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361291 gives texp to reach SNR=30 per resel.</i>										
8	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[2]	
<i>Comments: SN=90 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>										
9	MIRRORA - WAVECA L	WAVE	COS/NUV, TIME-TAG, WCA	MIRRORA				30.0 Secs [==>]	[2]	



Proposal 12424 - Visit 11 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:43 GMT 2011

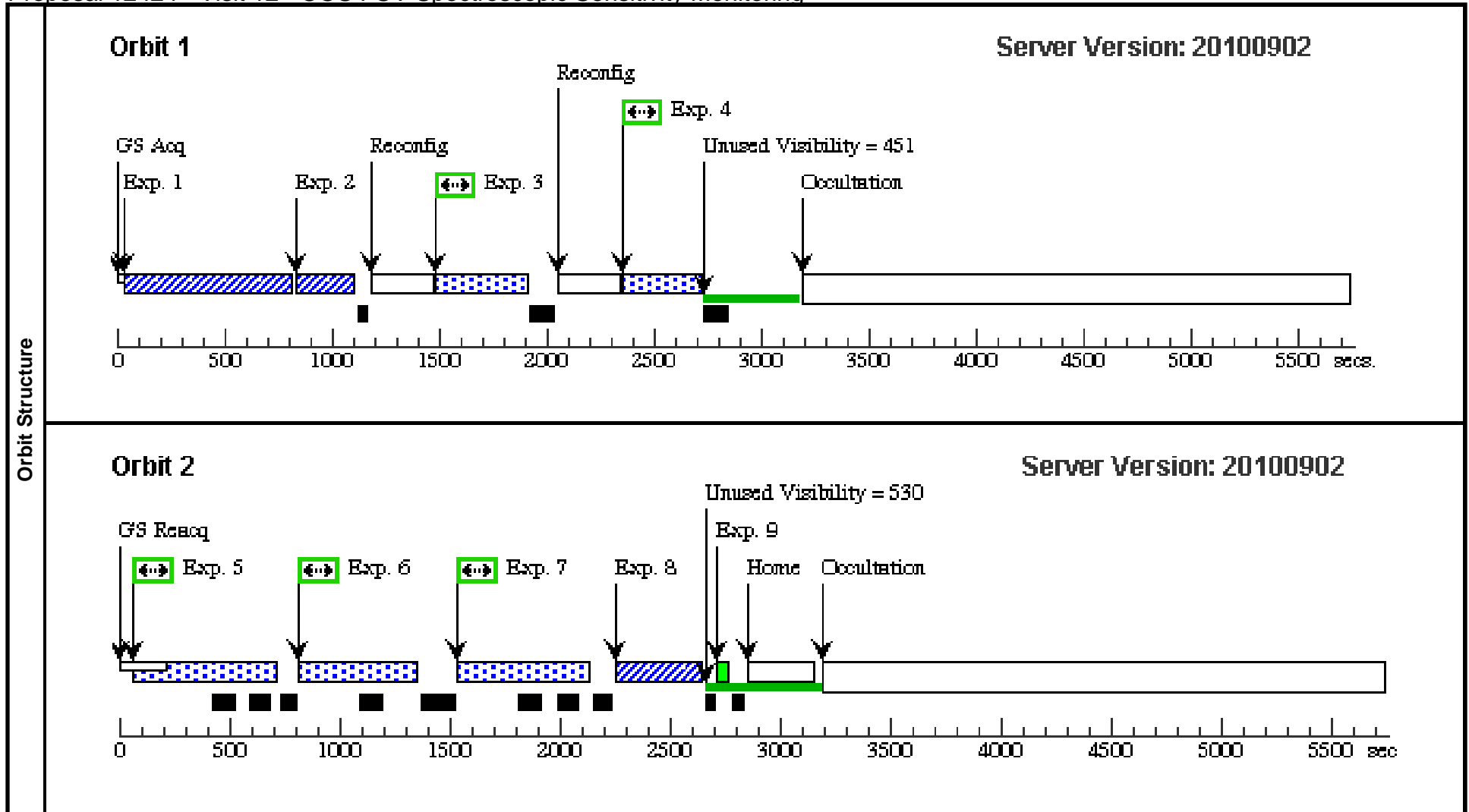
Visit	Proposal 12424, Visit 11, implementation Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 08-AUG-2011:00:00:00 AND 15-AUG-2011:00:00:00																					
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>WD0947+857</td> <td>RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000</td> <td>Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19</td> <td>V=15.9</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: HST FASTEX standard PM, coords from GSC2</i></p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																	
(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9	Reference Frame: ICRS																	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit												
	1	MIRRORA - BOA ACQ /SEARCH	(1) WD0947+857	COS/NUV, ACQ/SEARCH, BOA	MIRRORA	STEP-SIZE=1.767; SCAN-SIZE=2			85.0 Secs [==>]	[1]												
	<i>Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>																					
	2	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[1]												
	<i>Comments: SN=60 in 85 seconds, 43 counts in region, brightest pixel=5.9 cts/s (COS.A217972)</i>																					
	3	G140L - 110 5 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]												
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>																					
	4	G140L - 123 0 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1230 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]												
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>																					
	5	G130M - 13 09 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=17 0; FP-POS=3			445.0 Secs [==>]	[2]												
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361290 gives texp to reach SNR=30 per resel.</i>																						
6	G130M - 12 91 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FP-POS=3			416.0 Secs [==>]	[2]													
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361289 gives texp to reach SNR=30 per resel.</i>																						
7	G130M - 13 27 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=17 4; FP-POS=3			481.0 Secs [==>]	[2]													
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361291 gives texp to reach SNR=30 per resel.</i>																						
8	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[2]													
<i>Comments: SN=90 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>																						
9	MIRRORA - WAVECA L	WAVE	COS/NUV, TIME-TAG, WCA	MIRRORA				30.0 Secs [==>]	[2]													



Proposal 12424 - Visit 12 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:44 GMT 2011

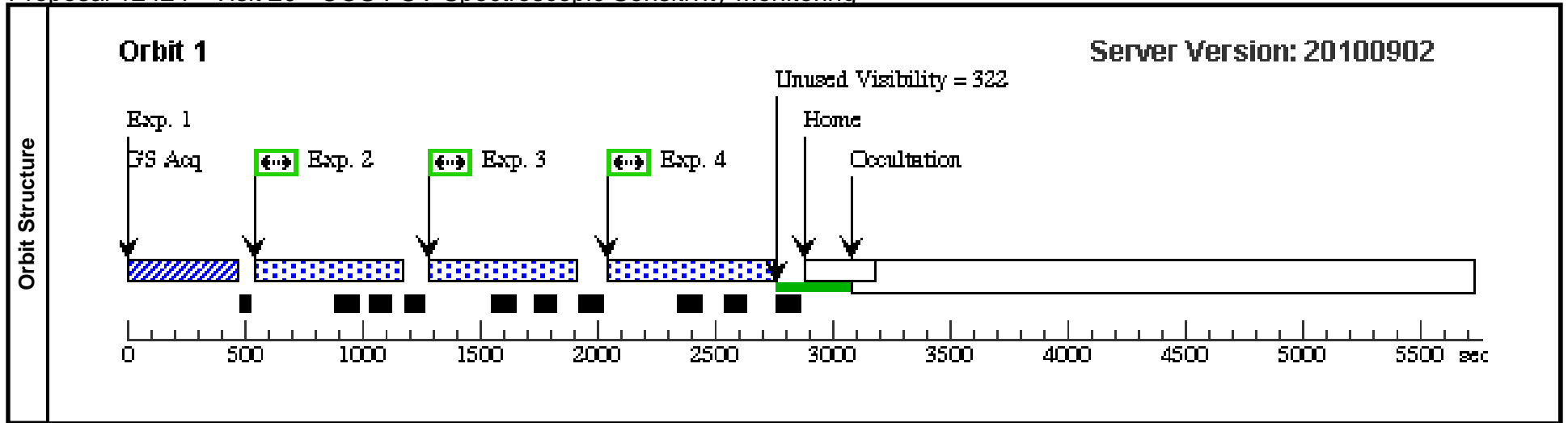
Visit	Proposal 12424, Visit 12, implementation Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 05-SEP-2011:00:00:00 AND 12-SEP-2011:00:00:00																					
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>WD0947+857</td> <td>RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000</td> <td>Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19</td> <td>V=15.9</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: HST FASTEX standard PM, coords from GSC2</i></p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																	
(1)	WD0947+857	RA: 09 57 54.4230 (149.4767625d) Dec: +85 29 40.91 (85.49470d) Equinox: J2000	Proper Motion RA: -0.01747 sec of time/yr Proper Motion Dec: -0.0253 arcsec/yr Epoch of Position: 1997.19	V=15.9	Reference Frame: ICRS																	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit												
	1	MIRRORA - BOA ACQ /SEARCH	(1) WD0947+857	COS/NUV, ACQ/SEARCH, BOA	MIRRORA	STEP-SIZE=1.767; SCAN-SIZE=2			85.0 Secs [==>]	[1]												
	<i>Comments: SN=60 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>																					
	2	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[1]												
	<i>Comments: SN=60 in 85 seconds, 43 counts in region, brightest pixel=5.9 cts/s (COS.A217972)</i>																					
	3	G140L - 110 5 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]												
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>																					
	4	G140L - 123 0 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G140L 1230 A	BUFFER-TIME=24 9; FP-POS=3			250.0 Secs [==>]	[1]												
	<i>Comments: Exposure time increased to account for sensitivity degradation.</i>																					
	5	G130M - 13 09 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=17 0; FP-POS=3			445.0 Secs [==>]	[2]												
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361290 gives texp to reach SNR=30 per resel.</i>																						
6	G130M - 12 91 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FP-POS=3			416.0 Secs [==>]	[2]													
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361289 gives texp to reach SNR=30 per resel.</i>																						
7	G130M - 13 27 A	(1) WD0947+857	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=17 4; FP-POS=3			481.0 Secs [==>]	[2]													
<i>Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361291 gives texp to reach SNR=30 per resel.</i>																						
8	MIRRORA - BOA ACQ /IMAGE	(1) WD0947+857	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				85.0 Secs [==>]	[2]													
<i>Comments: SN=90 in 85 seconds, brightest pixel=5.9 cts/s (COS.A217972)</i>																						
9	MIRRORA - WAVECA L	WAVE	COS/NUV, TIME-TAG, WCA	MIRRORA				30.0 Secs [==>]	[2]													



Proposal 12424 - Visit 20 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:44 GMT 2011

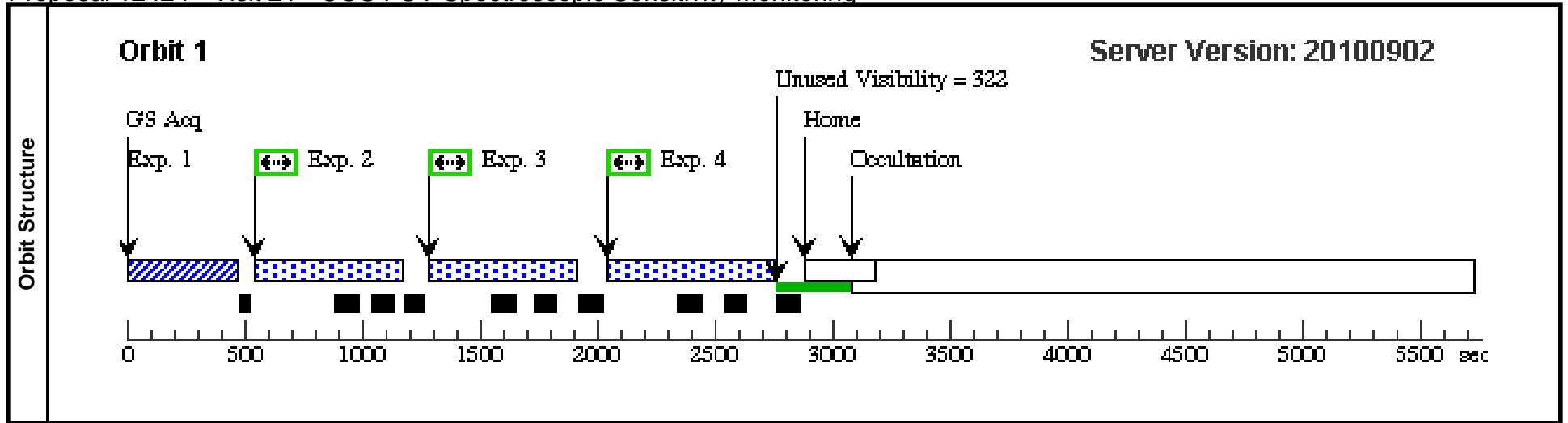
Visit	Proposal 12424, Visit 20, completed Diagnostic Status: Warning Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 01-NOV-2010:00:00:00 AND 08-NOV-2010:00:00:00										
	(Visit 20) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(2)	WD1057+719	RA: 11 00 34.2200 (165.1425833d) Dec: +71 38 2.99 (71.63416d) Equinox: J2000	Proper Motion RA: -0.00973 sec of time/yr Proper Motion Dec: -0.02 arcsec/yr Epoch of Position: 2000.0	V=14.68	Reference Frame: ICRS					
Comments: HST FASTEX standard PM, coords from USNOB GSC2 coords are 11:00:34.25, +71:38:02.97 1997.19 epoch											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	MIRRORA - ACQ/IMA GE	(2) WD1057+719	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				40.0 Secs [==>]	[1]	
	Comments: Spectroscopic acquisition for G160M - step 2										
	2	G160M - 15 77	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1577 A		BUFFER-TIME=14 9; FP-POS=3			413.0 Secs [==>]	[1]
	Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361288 gives texp to reach SNR=25 per resel.										
3	G160M - 16 00	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1600 A		BUFFER-TIME=17 2; FP-POS=3			506.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361285 gives texp to reach SNR=25 per resel.											
4	G160M - 16 23	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1623 A		BUFFER-TIME=19 8; FP-POS=3			584.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361284 gives texp to reach SNR=25 per resel.											



Proposal 12424 - Visit 21 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:44 GMT 2011

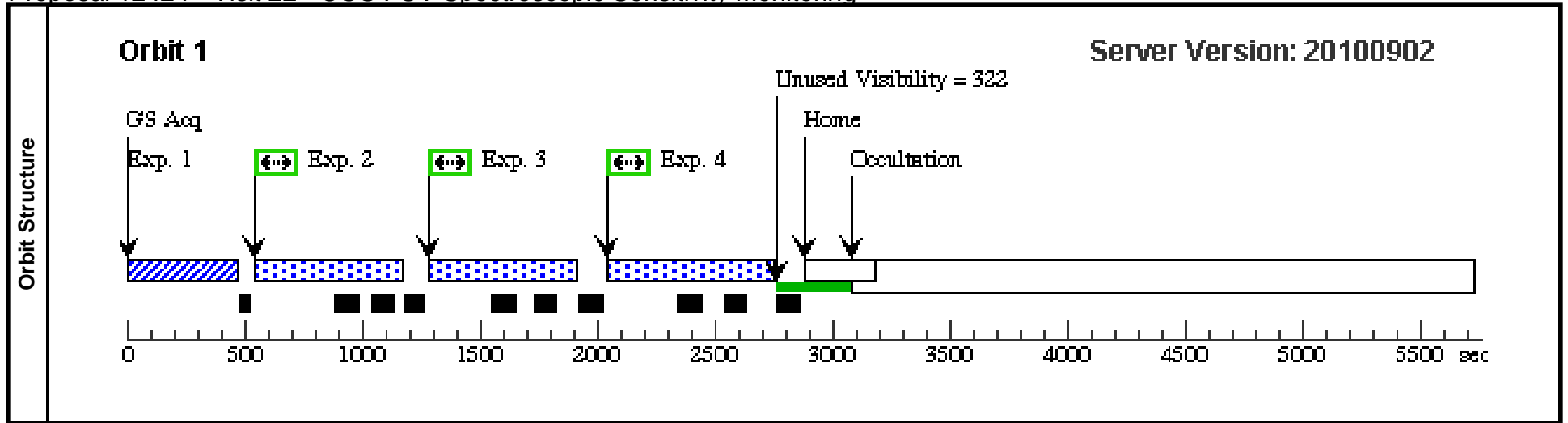
Visit	Proposal 12424, Visit 21, completed Diagnostic Status: Warning Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 29-NOV-2010:00:00:00 AND 06-DEC-2010:00:00:00										
	(Visit 21) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(2)	WD1057+719	RA: 11 00 34.2200 (165.1425833d) Dec: +71 38 2.99 (71.63416d) Equinox: J2000	Proper Motion RA: -0.00973 sec of time/yr Proper Motion Dec: -0.02 arcsec/yr Epoch of Position: 2000.0	V=14.68	Reference Frame: ICRS					
Comments: HST FASTEX standard PM, coords from USNOB GSC2 coords are 11:00:34.25, +71:38:02.97 1997.19 epoch											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	MIRRORA - ACQ/IMA GE	(2) WD1057+719	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				40.0 Secs [==>]	[1]	
	Comments: Spectroscopic acquisition for G160M - step 2										
	2	G160M - 15 77	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1577 A		BUFFER-TIME=15 0; FP-POS=3			413.0 Secs [==>]	[1]
	Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361288 gives texp to reach SNR=25 per resel.										
3	G160M - 16 00	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1600 A		BUFFER-TIME=17 2; FP-POS=3			506.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361285 gives texp to reach SNR=25 per resel.											
4	G160M - 16 23	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1623 A		BUFFER-TIME=19 8; FP-POS=3			584.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361284 gives texp to reach SNR=25 per resel.											



Proposal 12424 - Visit 22 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:44 GMT 2011

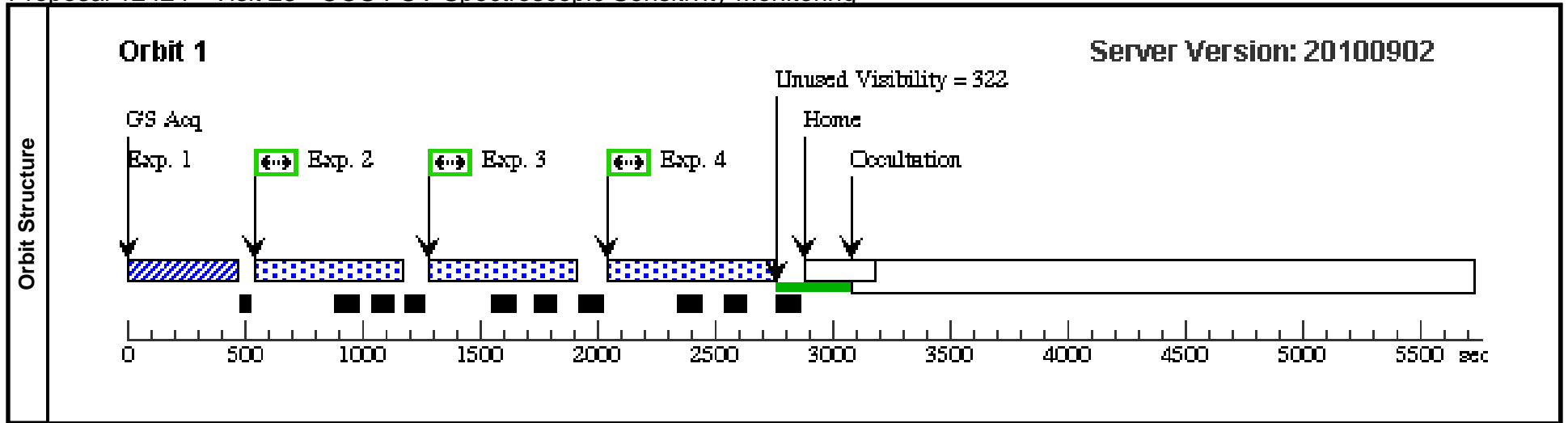
Visit	Proposal 12424, Visit 22, completed Diagnostic Status: Warning Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 20-DEC-2010:00:00:00 AND 27-DEC-2010:00:00:00									
	(Visit 22) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	WD1057+719	RA: 11 00 34.2200 (165.1425833d) Dec: +71 38 2.99 (71.63416d) Equinox: J2000	Proper Motion RA: -0.00973 sec of time/yr Proper Motion Dec: -0.02 arcsec/yr Epoch of Position: 2000.0	V=14.68	Reference Frame: ICRS				
Comments: HST FASTEX standard PM, coords from USNOB GSC2 coords are 11:00:34.25, +71:38:02.97 1997.19 epoch										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	MIRRORA - ACQ/IMA GE	(2) WD1057+719	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		GS ACQ SCENARI O BASE1B3		40.0 Secs [==>]	[1]
	Comments: Spectroscopic acquisition for G160M - step 2									
	2	G160M - 15 77	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 0; FP-POS=3			413.0 Secs [==>]	[1]
	Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361288 gives texp to reach SNR=25 per resel.									
3	G160M - 16 00	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=17 2; FP-POS=3			506.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361285 gives texp to reach SNR=25 per resel.										
4	G160M - 16 23	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=19 8; FP-POS=3			584.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361284 gives texp to reach SNR=25 per resel.										



Proposal 12424 - Visit 23 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:45 GMT 2011

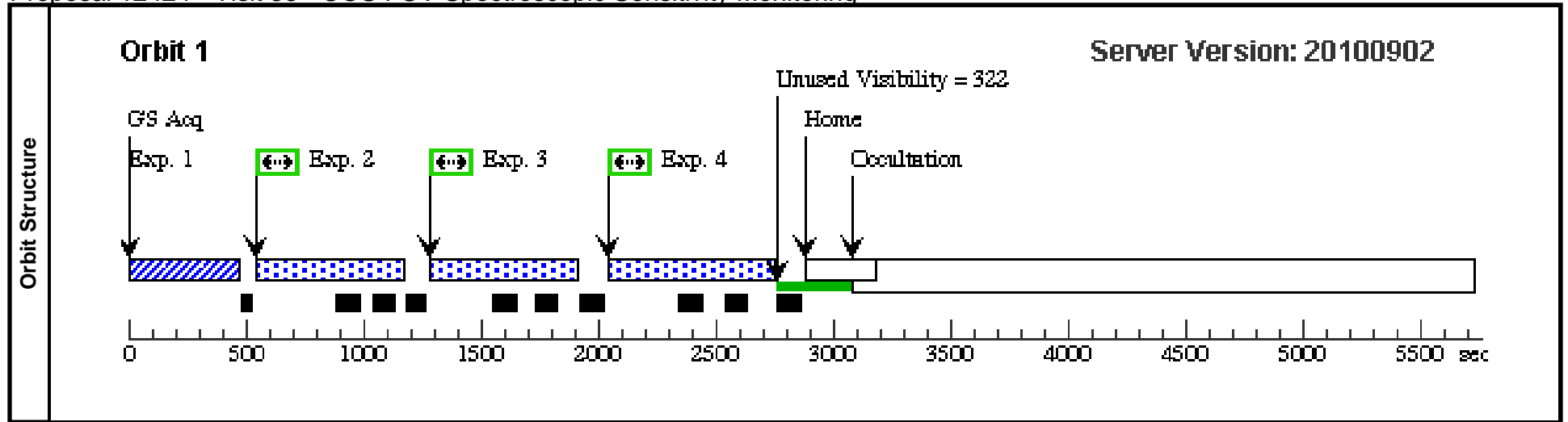
Visit	Proposal 12424, Visit 23, failed Diagnostic Status: Warning Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 24-JAN-2011:00:00:00 AND 31-JAN-2011:00:00:00									
	(Visit 23) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	WD1057+719	RA: 11 00 34.2200 (165.1425833d) Dec: +71 38 2.99 (71.63416d) Equinox: J2000	Proper Motion RA: -0.00973 sec of time/yr Proper Motion Dec: -0.02 arcsec/yr Epoch of Position: 2000.0	V=14.68	Reference Frame: ICRS				
Comments: HST FASTEX standard PM, coords from USNOB GSC2 coords are 11:00:34.25, +71:38:02.97 1997.19 epoch										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	MIRRORA - ACQ/IMA GE	(2) WD1057+719	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				40.0 Secs [==>]	[1]
	Comments: Spectroscopic acquisition for G160M - step 2									
	2	G160M - 15 77	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 0; FP-POS=3			413.0 Secs [==>]	[1]
	Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361288 gives texp to reach SNR=25 per resel.									
3	G160M - 16 00	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=17 2; FP-POS=3			506.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361285 gives texp to reach SNR=25 per resel.										
4	G160M - 16 23	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=19 8; FP-POS=3			584.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361284 gives texp to reach SNR=25 per resel.										



Proposal 12424 - Visit 33 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:45 GMT 2011

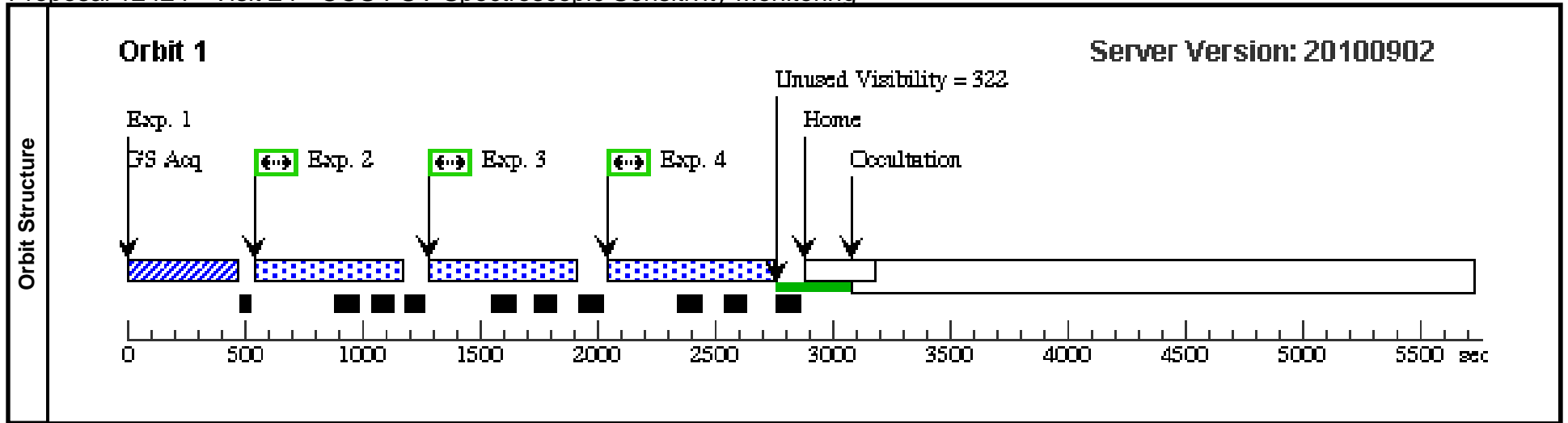
Visit	Proposal 12424, Visit 33, completed Diagnostic Status: Warning Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 07-MAR-2011:00:00:00 AND 20-MAR-2011:00:00:00										
	(Visit 33) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(2)	WD1057+719	RA: 11 00 34.2200 (165.1425833d) Dec: +71 38 2.99 (71.63416d) Equinox: J2000	Proper Motion RA: -0.00973 sec of time/yr Proper Motion Dec: -0.02 arcsec/yr Epoch of Position: 2000.0	V=14.68	Reference Frame: ICRS					
Comments: HST FASTEX standard PM, coords from USNOB GSC2 coords are 11:00:34.25, +71:38:02.97 1997.19 epoch											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	MIRRORA - ACQ/IMA GE	(2) WD1057+719	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				40.0 Secs [==>]	[1]	
	Comments: Spectroscopic acquisition for G160M - step 2										
	2	G160M - 15 77	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1577 A		BUFFER-TIME=15 0; FP-POS=3			413.0 Secs [==>]	[1]
	Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361288 gives texp to reach SNR=25 per resel.										
3	G160M - 16 00	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1600 A		BUFFER-TIME=17 2; FP-POS=3			506.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361285 gives texp to reach SNR=25 per resel.											
4	G160M - 16 23	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1623 A		BUFFER-TIME=19 8; FP-POS=3			584.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361284 gives texp to reach SNR=25 per resel.											



Proposal 12424 - Visit 24 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:45 GMT 2011

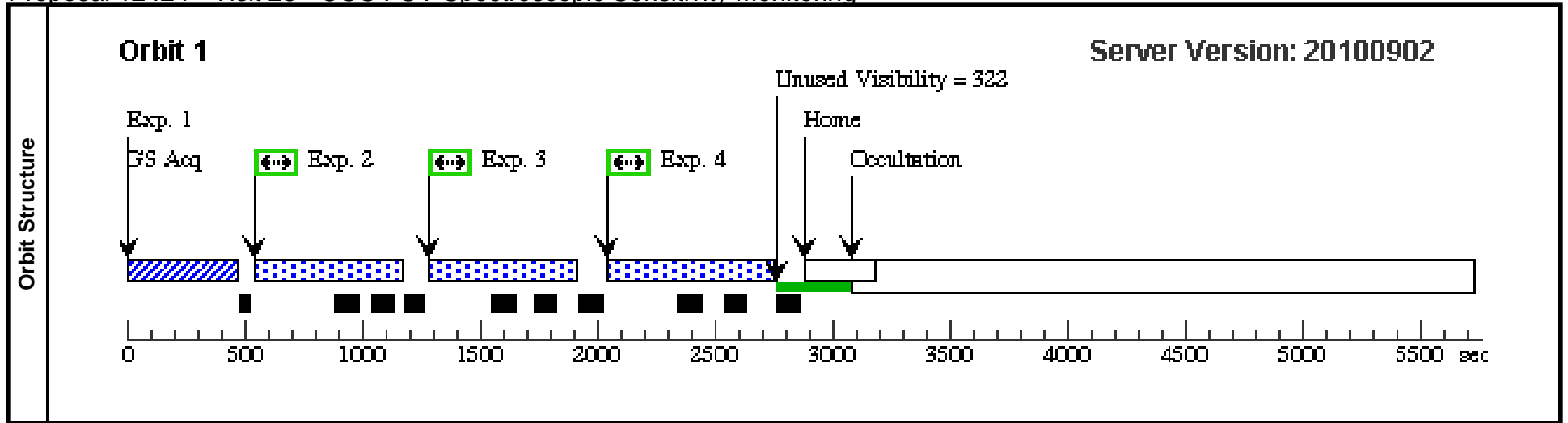
Visit	Proposal 12424, Visit 24, completed Diagnostic Status: Warning Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 21-FEB-2011:00:00:00 AND 28-FEB-2011:00:00:00										
	(Visit 24) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(2)	WD1057+719	RA: 11 00 34.2200 (165.1425833d) Dec: +71 38 2.99 (71.63416d) Equinox: J2000	Proper Motion RA: -0.00973 sec of time/yr Proper Motion Dec: -0.02 arcsec/yr Epoch of Position: 2000.0	V=14.68	Reference Frame: ICRS					
Comments: HST FASTEX standard PM, coords from USNOB GSC2 coords are 11:00:34.25, +71:38:02.97 1997.19 epoch											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	MIRRORA - ACQ/IMA GE	(2) WD1057+719	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				40.0 Secs [==>]	[1]	
	Comments: Spectroscopic acquisition for G160M - step 2										
	2	G160M - 15 77	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1577 A		BUFFER-TIME=15 0; FP-POS=3			413.0 Secs [==>]	[1]
	Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361288 gives texp to reach SNR=25 per resel.										
3	G160M - 16 00	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1600 A		BUFFER-TIME=17 2; FP-POS=3			506.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361285 gives texp to reach SNR=25 per resel.											
4	G160M - 16 23	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1623 A		BUFFER-TIME=19 8; FP-POS=3			584.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361284 gives texp to reach SNR=25 per resel.											



Proposal 12424 - Visit 25 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:45 GMT 2011

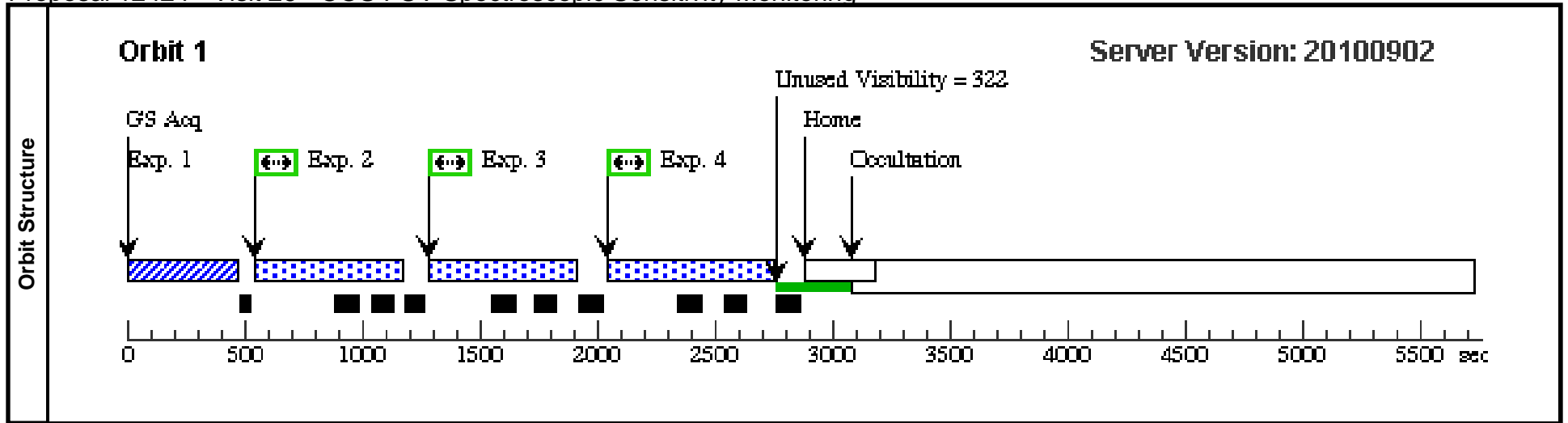
Visit	Proposal 12424, Visit 25, completed Diagnostic Status: Warning Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 21-MAR-2011:00:00:00 AND 28-MAR-2011:00:00:00										
	(Visit 25) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(2)	WD1057+719	RA: 11 00 34.2200 (165.1425833d) Dec: +71 38 2.99 (71.63416d) Equinox: J2000	Proper Motion RA: -0.00973 sec of time/yr Proper Motion Dec: -0.02 arcsec/yr Epoch of Position: 2000.0	V=14.68	Reference Frame: ICRS					
Comments: HST FASTEX standard PM, coords from USNOB GSC2 coords are 11:00:34.25, +71:38:02.97 1997.19 epoch											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	MIRRORA - ACQ/IMA GE	(2) WD1057+719	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				40.0 Secs [==>]	[1]	
	Comments: Spectroscopic acquisition for G160M - step 2										
	2	G160M - 15 77	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1577 A		BUFFER-TIME=15 0; FP-POS=3			413.0 Secs [==>]	[1]
	Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361288 gives texp to reach SNR=25 per resel.										
3	G160M - 16 00	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1600 A		BUFFER-TIME=17 2; FP-POS=3			506.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361285 gives texp to reach SNR=25 per resel.											
4	G160M - 16 23	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1623 A		BUFFER-TIME=19 8; FP-POS=3			584.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361284 gives texp to reach SNR=25 per resel.											



Proposal 12424 - Visit 26 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:46 GMT 2011

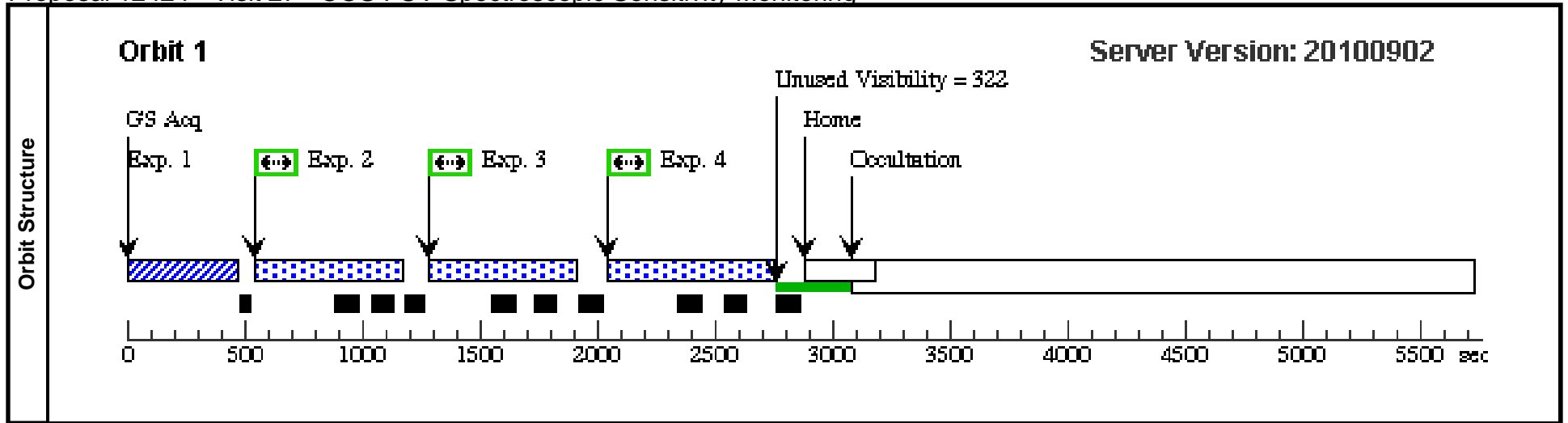
Visit	Proposal 12424, Visit 26, scheduling Diagnostic Status: Warning Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 18-APR-2011:00:00:00 AND 25-APR-2011:00:00:00										
	(Visit 26) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(2)	WD1057+719	RA: 11 00 34.2200 (165.1425833d) Dec: +71 38 2.99 (71.63416d) Equinox: J2000	Proper Motion RA: -0.00973 sec of time/yr Proper Motion Dec: -0.02 arcsec/yr Epoch of Position: 2000.0	V=14.68	Reference Frame: ICRS					
Comments: HST FASTEX standard PM, coords from USNOB GSC2 coords are 11:00:34.25, +71:38:02.97 1997.19 epoch											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	MIRRORA - ACQ/IMA GE	(2) WD1057+719	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				40.0 Secs [==>]	[1]	
	Comments: Spectroscopic acquisition for G160M - step 2										
	2	G160M - 15 77	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1577 A		BUFFER-TIME=15 0; FP-POS=3			413.0 Secs [==>]	[1]
	Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361288 gives texp to reach SNR=25 per resel.										
3	G160M - 16 00	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1600 A		BUFFER-TIME=17 2; FP-POS=3			506.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361285 gives texp to reach SNR=25 per resel.											
4	G160M - 16 23	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1623 A		BUFFER-TIME=19 8; FP-POS=3			584.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361284 gives texp to reach SNR=25 per resel.											



Proposal 12424 - Visit 27 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:46 GMT 2011

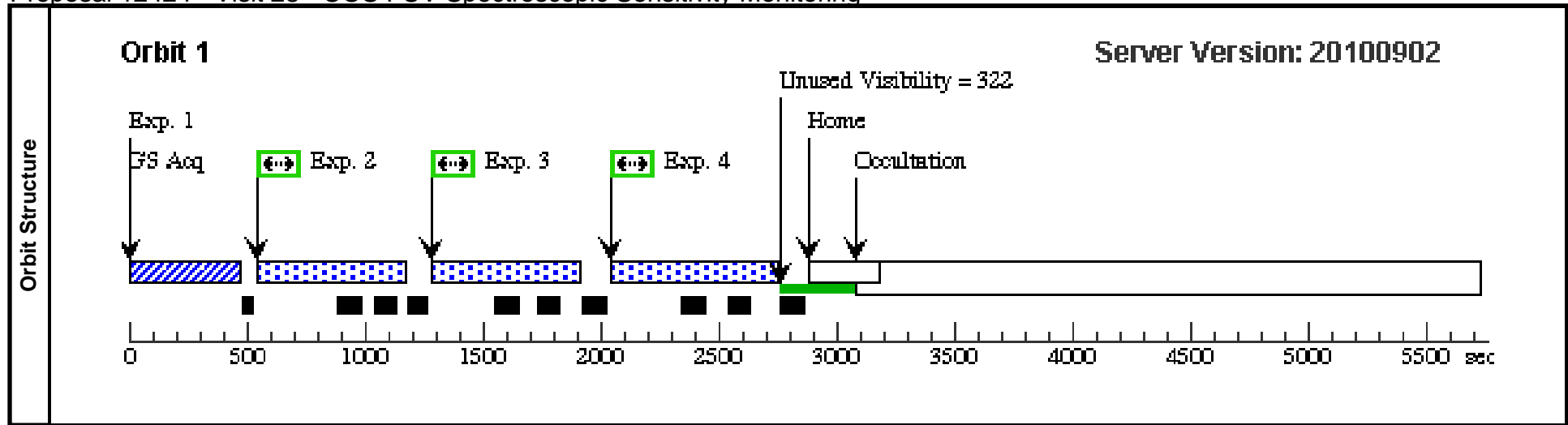
Visit	Proposal 12424, Visit 27, scheduling Diagnostic Status: Warning Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 01-AUG-2011:00:00:00 AND 08-AUG-2011:00:00:00										
	(Visit 27) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(2)	WD1057+719	RA: 11 00 34.2200 (165.1425833d) Dec: +71 38 2.99 (71.63416d) Equinox: J2000	Proper Motion RA: -0.00973 sec of time/yr Proper Motion Dec: -0.02 arcsec/yr Epoch of Position: 2000.0	V=14.68	Reference Frame: ICRS					
Comments: HST FASTEX standard PM, coords from USNOB GSC2 coords are 11:00:34.25, +71:38:02.97 1997.19 epoch											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	MIRRORA - ACQ/IMA GE	(2) WD1057+719	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				40.0 Secs [==>]	[1]	
	Comments: Spectroscopic acquisition for G160M - step 2										
	2	G160M - 15 77	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1577 A		BUFFER-TIME=15 0; FP-POS=3			413.0 Secs [==>]	[1]
	Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361288 gives texp to reach SNR=25 per resel.										
3	G160M - 16 00	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1600 A		BUFFER-TIME=17 2; FP-POS=3			506.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361285 gives texp to reach SNR=25 per resel.											
4	G160M - 16 23	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1623 A		BUFFER-TIME=19 8; FP-POS=3			584.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361284 gives texp to reach SNR=25 per resel.											



Proposal 12424 - Visit 28 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:46 GMT 2011

Visit	Proposal 12424, Visit 28, scheduling Diagnostic Status: Warning Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 05-SEP-2011:00:00:00 AND 12-SEP-2011:00:00:00									
	(Visit 28) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	WD1057+719	RA: 11 00 34.2200 (165.1425833d) Dec: +71 38 2.99 (71.63416d) Equinox: J2000	Proper Motion RA: -0.00973 sec of time/yr Proper Motion Dec: -0.02 arcsec/yr Epoch of Position: 2000.0	V=14.68	Reference Frame: ICRS				
Comments: HST FASTEX standard PM, coords from USNOB GSC2 coords are 11:00:34.25, +71:38:02.97 1997.19 epoch										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	MIRRORA - ACQ/IMA GE	(2) WD1057+719	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				40.0 Secs [==>]	[1]
	Comments: Spectroscopic acquisition for G160M - step 2									
	2	G160M - 15 77	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 0; FP-POS=3			413.0 Secs [==>]	[1]
	Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361288 gives texp to reach SNR=25 per resel.									
3	G160M - 16 00	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=17 2; FP-POS=3			506.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361285 gives texp to reach SNR=25 per resel.										
4	G160M - 16 23	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=19 8; FP-POS=3			584.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361284 gives texp to reach SNR=25 per resel.										



Proposal 12424 - Visit 29 - COS FUV Spectroscopic Sensitivity Monitoring

Thu Mar 31 01:08:46 GMT 2011

Visit	Proposal 12424, Visit 29, scheduling Diagnostic Status: Warning Scientific Instruments: COS/NUV, COS/FUV Special Requirements: SCHED 100%; BETWEEN 10-OCT-2011:00:00:00 AND 17-OCT-2011:00:00:00										
	(Visit 29) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(2)	WD1057+719	RA: 11 00 34.2200 (165.1425833d) Dec: +71 38 2.99 (71.63416d) Equinox: J2000	Proper Motion RA: -0.00973 sec of time/yr Proper Motion Dec: -0.02 arcsec/yr Epoch of Position: 2000.0	V=14.68	Reference Frame: ICRS					
Comments: HST FASTEX standard PM, coords from USNOB GSC2 coords are 11:00:34.25, +71:38:02.97 1997.19 epoch											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	MIRRORA - ACQ/IMA GE	(2) WD1057+719	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				40.0 Secs [==>]	[1]	
	Comments: Spectroscopic acquisition for G160M - step 2										
	2	G160M - 15 77	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1577 A		BUFFER-TIME=15 0; FP-POS=3			413.0 Secs [==>]	[1]
	Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361288 gives texp to reach SNR=25 per resel.										
3	G160M - 16 00	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1600 A		BUFFER-TIME=17 2; FP-POS=3			506.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361285 gives texp to reach SNR=25 per resel.											
4	G160M - 16 23	(2) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1623 A		BUFFER-TIME=19 8; FP-POS=3			584.0 Secs [==>]	[1]	
Comments: exposure times increased over those used in Cycle 17 to account for sensitivity degradation. COS.A361284 gives texp to reach SNR=25 per resel.											

