



11900 - NUV Internal/External Wavelength Scale Monitor

Cycle: 17, Proposal Category: CAL/COS

(Availability Mode: RESTRICTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. Cristina Oliveira (PI)	The Johns Hopkins University	oliveira@stsci.edu

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>
02	(2) HD187691	COS/NUV	1	26-Jan-2010 21:09:27.0	yes
05	(2) HD187691	COS/NUV	1	26-Jan-2010 21:09:39.0	yes
06	(2) HD187691	COS/NUV	1	26-Jan-2010 21:09:48.0	yes
07	(2) HD187691	COS/NUV	1	26-Jan-2010 21:09:56.0	yes
08	(2) HD187691	COS/NUV	1	26-Jan-2010 21:10:08.0	yes
09	(2) HD187691	COS/NUV	1	26-Jan-2010 21:10:16.0	yes
03	(3) FEIGE48	COS/NUV	1	26-Jan-2010 21:10:21.0	yes
10	(3) FEIGE48	COS/NUV	1	26-Jan-2010 21:10:26.0	yes
11	(3) FEIGE48	COS/NUV	1	26-Jan-2010 21:10:32.0	yes
12	(3) FEIGE48	COS/NUV	1	26-Jan-2010 21:10:37.0	yes
13	(3) FEIGE48	COS/NUV	1	26-Jan-2010 21:10:42.0	yes
14	(3) FEIGE48	COS/NUV	1	26-Jan-2010 21:10:46.0	yes
04	(4) HD-6655	COS/NUV	1	26-Jan-2010 21:10:52.0	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>
15	(4) HD-6655	COS/NUV	1	26-Jan-2010 21:11:00.0	yes
16	(4) HD-6655	COS/NUV	1	26-Jan-2010 21:11:07.0	yes
17	(4) HD-6655	COS/NUV	1	26-Jan-2010 21:11:13.0	yes
18	(4) HD-6655	COS/NUV	1	26-Jan-2010 21:11:19.0	yes
19	(4) HD-6655	COS/NUV	1	26-Jan-2010 21:11:27.0	yes

18 Total Orbits Used

ABSTRACT

This program monitors the offsets between the wavelength scale set by the internal wavecal versus that defined by absorption lines in external targets. This is accomplished by observing two external radial velocity standard targets: HD187691 with G225M and G285M and HD6655 with G285M and G230L. The two standard targets have little flux in the wavelength range covered by G185M and so Feige 48 (sdO) is observed with this grating. Both Feige 48 and HD6655 are also observed in SMOV.

The cenwaves observed in this program are a subset of the ones used during Cycle 17. Observing all cenwaves would require a considerably larger number of orbits. Constraints on scheduling of each target are placed so that each target is observed once every ~2-3 months. Observing the three targets every month would also require a considerably larger number of orbits.

OBSERVING DESCRIPTION

This program monitors the offset between the internal and external wavelength scales: this offset is referred to as "DELTA" in the wavelength dispersion reference file and corrects for the shift between the WCA and PSA in TV03 versus the shift between the WCA and PSA in orbit : $(WCA - PSA)_{TV03} - (WCA - PSA)_{orbit}$. This correction is necessary because the wavelength dispersion solutions that will be used to calibrate in-orbit data are the ones derived from TV03 data (at least that is the plan)

Analysis of TV data indicates that this DELTA (offset) is cenwave and FPPOS independent for a particular grating, but it is grating and stripe dependent. To verify and monitor this, this program observes some cenwaves at different FPPOS.

Each target in this proposal is observed 6 times in this calibration program, each visit is 1 orbit, for a total of 18 orbits. The visits are spread throughout the duration of Cycle 17, taking into account the visibility constraints of each target. G285M 2676 and 2695 are observed with HD187691 and HD6655, allowing us to cross-check the two targets.

For G230L (the grating with the largest exptime allocated in Cy 17) all cenwaves used in Cy 17 GO programs are monitored. For G185M 4 out of the 6 cenwaves used in Cy 17 are monitored. The 2 cenwaves not monitored only have 400 sec of GO time each. For G225M 2 of the 4 cenwaves used in Cy 17 are monitored, bracketing the cenwaves used in GO programs. For G285M 3 of the 4 cenwaves used in Cy 17 are monitored.

Program layout:

HD187691-----HD6655-----Feige48
G285M 2676 FPPOS=1, 3-----G230L 2635 FPPOS=3,4-----G185M 1900 FPPOS=3
G285M 2695 FPPOS=3,4----- G230L 2950 FPPOS=1,3-----G185M 1941 FPPOS=1,3
G285M 2739 FPPOS=3-----G230L 3000 FPPOS=3-----G185M 1921 FPPOS=3
G225M 2410 FPPOS=3,4-----G230L 3360 FPPOS=3-----G185M 1913 FPPOS=3
G225M 2217 FPPOS=1,3-----G285M 2676 FPPOS=3
-----G285M 2695 FPPOS=3

With the current scheduling constraints for the visits, the three targets will be observed on:

HD187691

Sep 09, Nov 09, Mar 10, Jun 10, Aug 10, Oct 10

HD6655

Sep 09, Nov 09, Feb 10, Apr 10, Aug 10, Oct 10

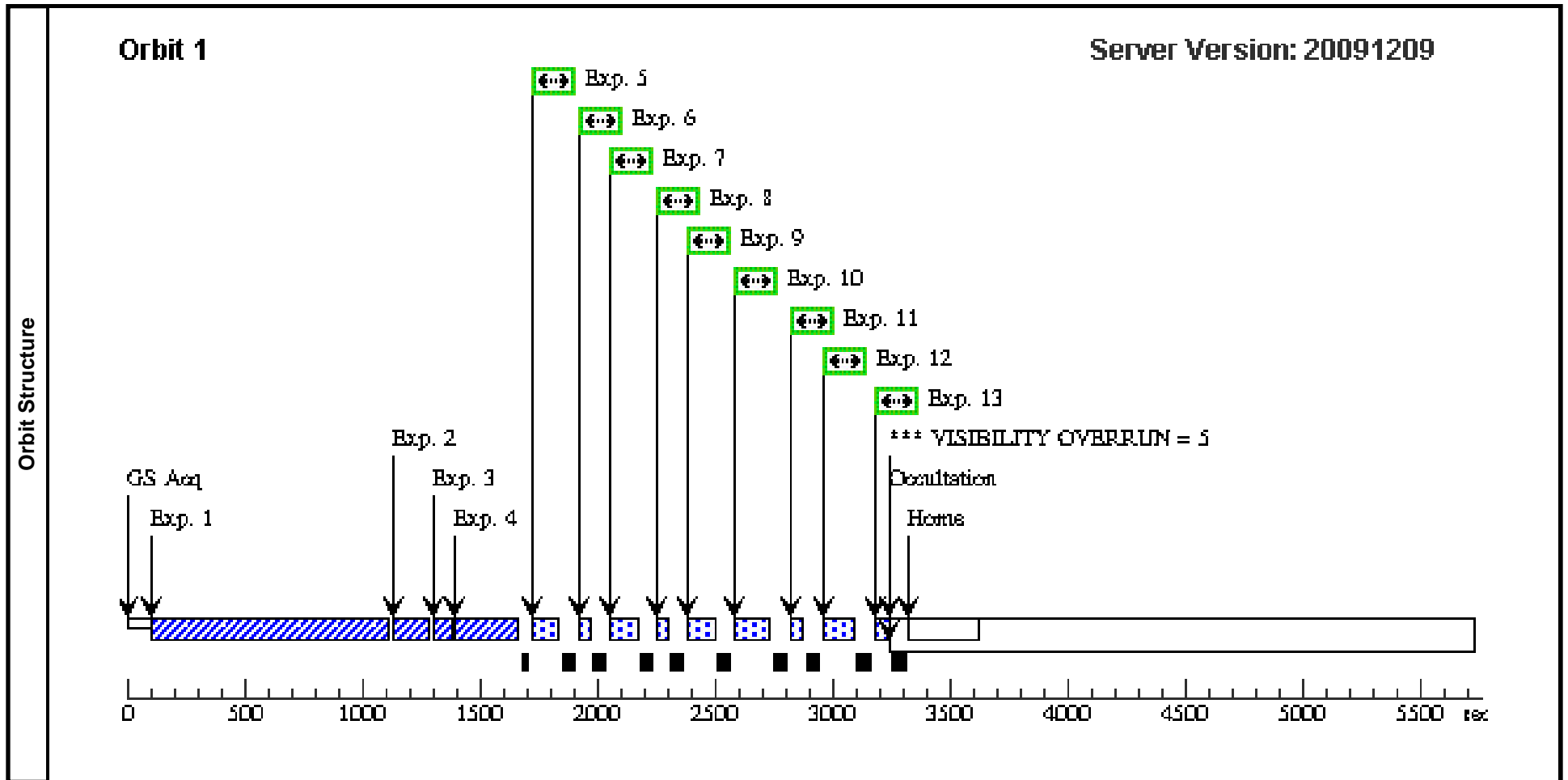
Feige 48

Sep 09, Nov 09, Jan 10, Apr 10, Aug 10, Oct 10

Visit	Proposal 11900, Visit 02, completed Diagnostic Status: Warning Scientific Instruments: COS/NUV Special Requirements: BETWEEN 01-SEP-2009:00:00:01 AND 30-SEP-2009:23:59:59																																									
	Diagnosics (Visit 02) Warning (Orbit Planner): VISIBILITY OVERRUN																																									
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Proposal 11900 - Visit 02 - NUV Internal/External Wavelength Scale Monitor

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) HD187691	COS/NUV, ACQ/SEARCH, PSA	G285M 2676 A	SCAN-SIZE=5; STEP-SIZE=1.767				1 Secs [==>]	[1]
	2	(2) HD187691	COS/NUV, ACQ/SEARCH, PSA	G285M 2676 A	SCAN-SIZE=2; STEP-SIZE=1.767				1 Secs [==>]	[1]
	3	(2) HD187691	COS/NUV, ACQ/PEAKXD, PSA	G285M 2676 A					1 Secs [==>]	[1]
	4	(2) HD187691	COS/NUV, ACQ/PEAKD, PSA	G285M 2676 A	NUM-POS=9; STEP-SIZE=1				1 Secs [==>]	[1]
	5	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=80; FP-POS=1				30 Secs [==>]	[1]
	6	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	7	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	8	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=80; FP-POS=4				30 Secs [==>]	[1]
	9	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2739 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	10	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2410 A	BUFFER-TIME=80; FP-POS=3				35 Secs [==>]	[1]
	11	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2410 A	BUFFER-TIME=80; FP-POS=4				35 Secs [==>]	[1]
	12	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2217 A	BUFFER-TIME=80; FP-POS=1				38 Secs [==>]	[1]
13	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2217 A	BUFFER-TIME=80; FP-POS=3				38 Secs [==>]	[1]	



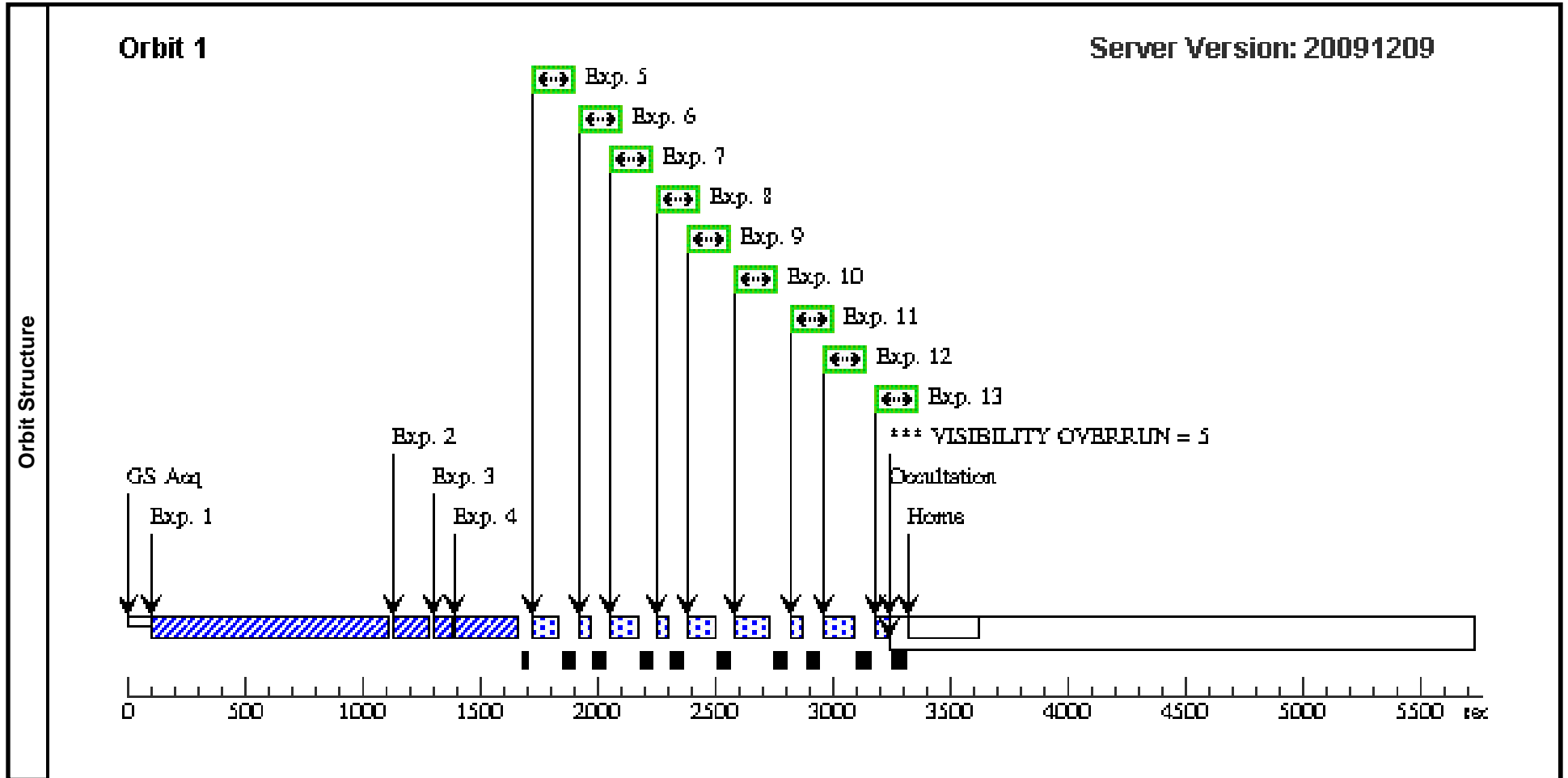
Proposal 11900 - Visit 05 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:33 GMT 2010

Visit	Proposal 11900, Visit 05, completed Diagnostic Status: Warning Scientific Instruments: COS/NUV Special Requirements: BETWEEN 01-NOV-2009:00:00:01 AND 28-NOV-2009:23:59:59																																									
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Proposal 11900 - Visit 05 - NUV Internal/External Wavelength Scale Monitor

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) HD187691	COS/NUV, ACQ/SEARCH, PSA	G285M 2676 A	SCAN-SIZE=5; STEP-SIZE=1.767				1 Secs [==>]	[1]
	2	(2) HD187691	COS/NUV, ACQ/SEARCH, PSA	G285M 2676 A	SCAN-SIZE=2; STEP-SIZE=1.767				1 Secs [==>]	[1]
	3	(2) HD187691	COS/NUV, ACQ/PEAKXD, PSA	G285M 2676 A					1 Secs [==>]	[1]
	4	(2) HD187691	COS/NUV, ACQ/PEAKD, PSA	G285M 2676 A	NUM-POS=9; STEP-SIZE=1				1 Secs [==>]	[1]
	5	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=80; FP-POS=1				30 Secs [==>]	[1]
	6	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	7	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	8	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=80; FP-POS=4				30 Secs [==>]	[1]
	9	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2739 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	10	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2410 A	BUFFER-TIME=80; FP-POS=3				35 Secs [==>]	[1]
	11	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2410 A	BUFFER-TIME=80; FP-POS=4				35 Secs [==>]	[1]
	12	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2217 A	BUFFER-TIME=80; FP-POS=1				38 Secs [==>]	[1]
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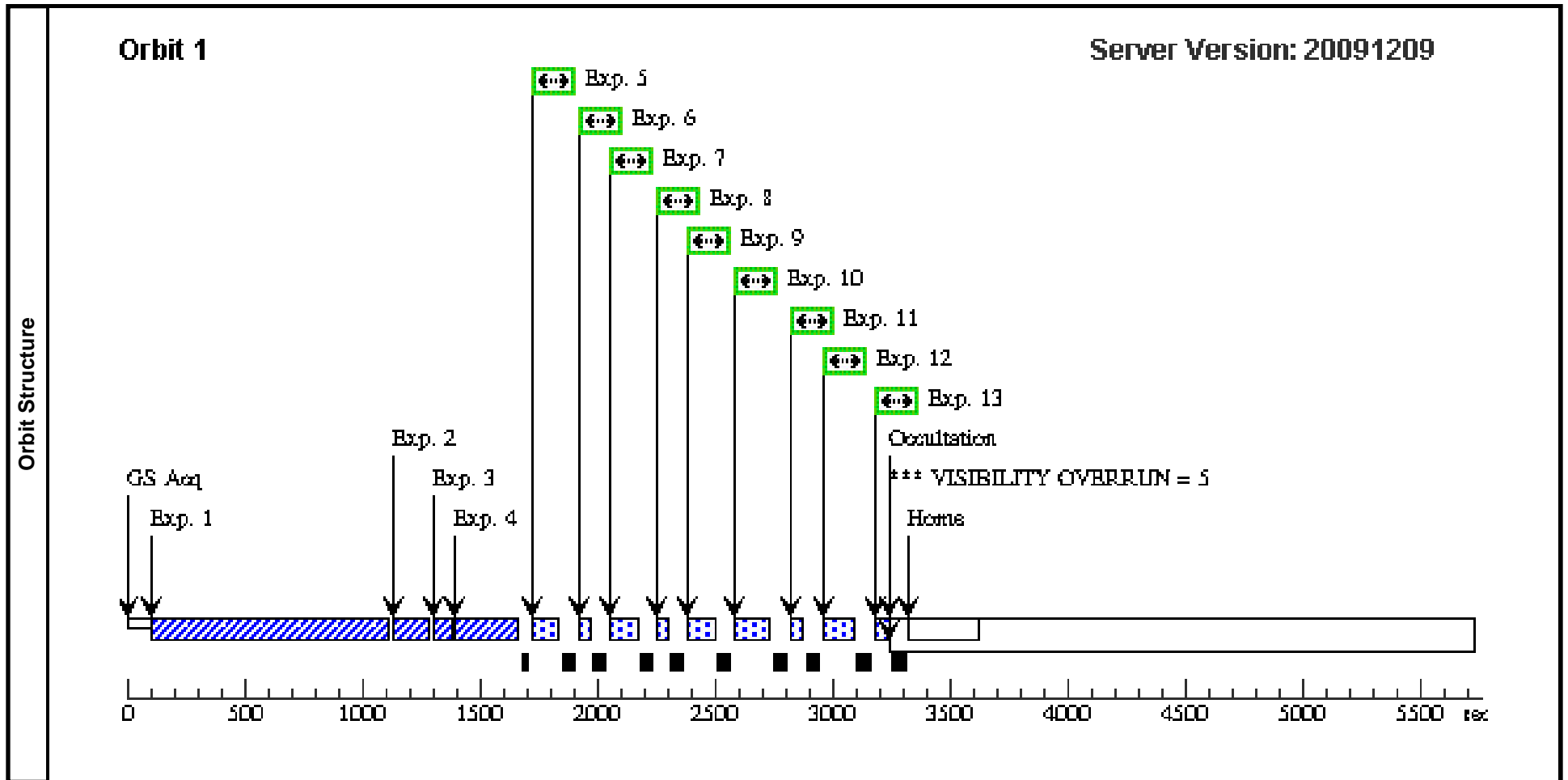
Proposal 11900 - Visit 06 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:34 GMT 2010

Visit	Proposal 11900, Visit 06, scheduling Diagnostic Status: Warning Scientific Instruments: COS/NUV Special Requirements: BETWEEN 26-MAR-2010:00:00:01 AND 11-APR-2010:23:59:59																																									
	Diagnosics (Visit 06) Warning (Orbit Planner): VISIBILITY OVERRUN																																									
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Proposal 11900 - Visit 06 - NUV Internal/External Wavelength Scale Monitor

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	7	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	8	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=80; FP-POS=4				30 Secs [==>]	[1]
	9	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2739 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	10	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2410 A	BUFFER-TIME=80; FP-POS=3				35 Secs [==>]	[1]
	11	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2410 A	BUFFER-TIME=80; FP-POS=4				35 Secs [==>]	[1]
	12	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2217 A	BUFFER-TIME=80; FP-POS=1				38 Secs [==>]	[1]
13	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2217 A	BUFFER-TIME=80; FP-POS=3				38 Secs [==>]	[1]	



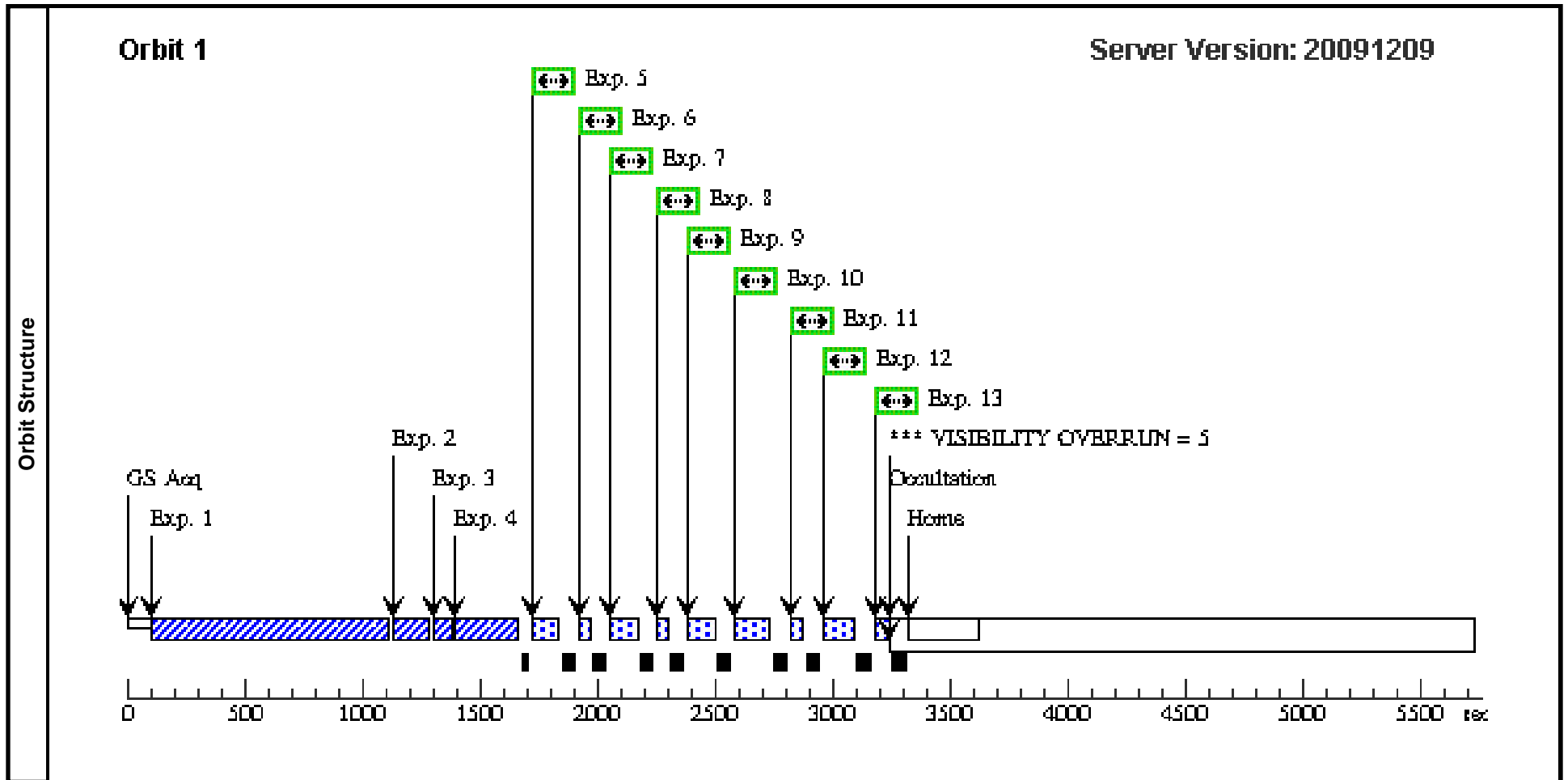
Proposal 11900 - Visit 07 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:35 GMT 2010

Visit	Proposal 11900, Visit 07, scheduling Diagnostic Status: Warning Scientific Instruments: COS/NUV Special Requirements: BETWEEN 21-MAY-2010:00:00:01 AND 05-JUN-2010:23:59:59																																									
	Diagnosics (Visit 07) Warning (Orbit Planner): VISIBILITY OVERRUN																																									
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>(2)</td> <td>HD187691</td> <td>RA: 19 51 1.6427 (297.7568446d)</td> <td>Proper Motion RA: 0.0163s/yr</td> <td>V=5.12</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>Alt Name1: NLTT-48319</td> <td>Dec: +10 24 56.62 (10.41573d)</td> <td>Proper Motion Dec: -0.13451"/yr</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Equinox: J2000</td> <td>Parallax: 0.05157"</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Epoch of Position: 1991.25</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Radial Velocity: 0.0 km/sec</td> <td></td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	HD187691	RA: 19 51 1.6427 (297.7568446d)	Proper Motion RA: 0.0163s/yr	V=5.12	Reference Frame: ICRS		Alt Name1: NLTT-48319	Dec: +10 24 56.62 (10.41573d)	Proper Motion Dec: -0.13451"/yr					Equinox: J2000	Parallax: 0.05157"						Epoch of Position: 1991.25						Radial Velocity: 0.0 km/sec			<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>RA PM is 240.09 mas/yr for 1991.25 from Hipparcos.</i></p> <p><i>ETC simulations for G285M use IUE spectrum LWP11175, no normalization, SNR =20 or better at cenwave.</i> <i>If G285M sensitivity very different from ETC values, usage of HD187691 with G285M gratings used in this program might have to be revised as some exposures are at the TIME-TAG limit.</i></p> <p><i>Exp 01: COS97672</i> <i>Exp 03: COS97673</i> <i>Exp 04: COS97674</i> <i>Exp 05: COS97675</i> <i>Exp 07: COS97676</i> <i>Exp 09: COS97677 : this exposure leads to total count rate of ~31733 cts/sec for the whole detector</i></p> <p><i>G225M: ETC simulations use Kurucz spectral model for F8V normalized to V=5.12, SNR=20 or better @cenwave</i> <i>Exp 10: COS97680</i> <i>Exp 11: COS97681</i></p>				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																				
(2)	HD187691	RA: 19 51 1.6427 (297.7568446d)	Proper Motion RA: 0.0163s/yr	V=5.12	Reference Frame: ICRS																																					
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			Epoch of Position: 1991.25																																							
			Radial Velocity: 0.0 km/sec																																							

Proposal 11900 - Visit 07 - NUV Internal/External Wavelength Scale Monitor

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) HD187691	COS/NUV, ACQ/SEARCH, PSA	G285M 2676 A	SCAN-SIZE=5; STEP-SIZE=1.767				1 Secs [==>]	[1]
	2	(2) HD187691	COS/NUV, ACQ/SEARCH, PSA	G285M 2676 A	SCAN-SIZE=2; STEP-SIZE=1.767				1 Secs [==>]	[1]
	3	(2) HD187691	COS/NUV, ACQ/PEAKXD, PSA	G285M 2676 A					1 Secs [==>]	[1]
	4	(2) HD187691	COS/NUV, ACQ/PEAKD, PSA	G285M 2676 A	NUM-POS=9; STEP-SIZE=1				1 Secs [==>]	[1]
	5	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=80; FP-POS=1				30 Secs [==>]	[1]
	6	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	7	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	8	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=80; FP-POS=4				30 Secs [==>]	[1]
	9	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2739 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	10	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2410 A	BUFFER-TIME=80; FP-POS=3				35 Secs [==>]	[1]
	11	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2410 A	BUFFER-TIME=80; FP-POS=4				35 Secs [==>]	[1]
	12	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2217 A	BUFFER-TIME=80; FP-POS=1				38 Secs [==>]	[1]
13	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2217 A	BUFFER-TIME=80; FP-POS=3				38 Secs [==>]	[1]	



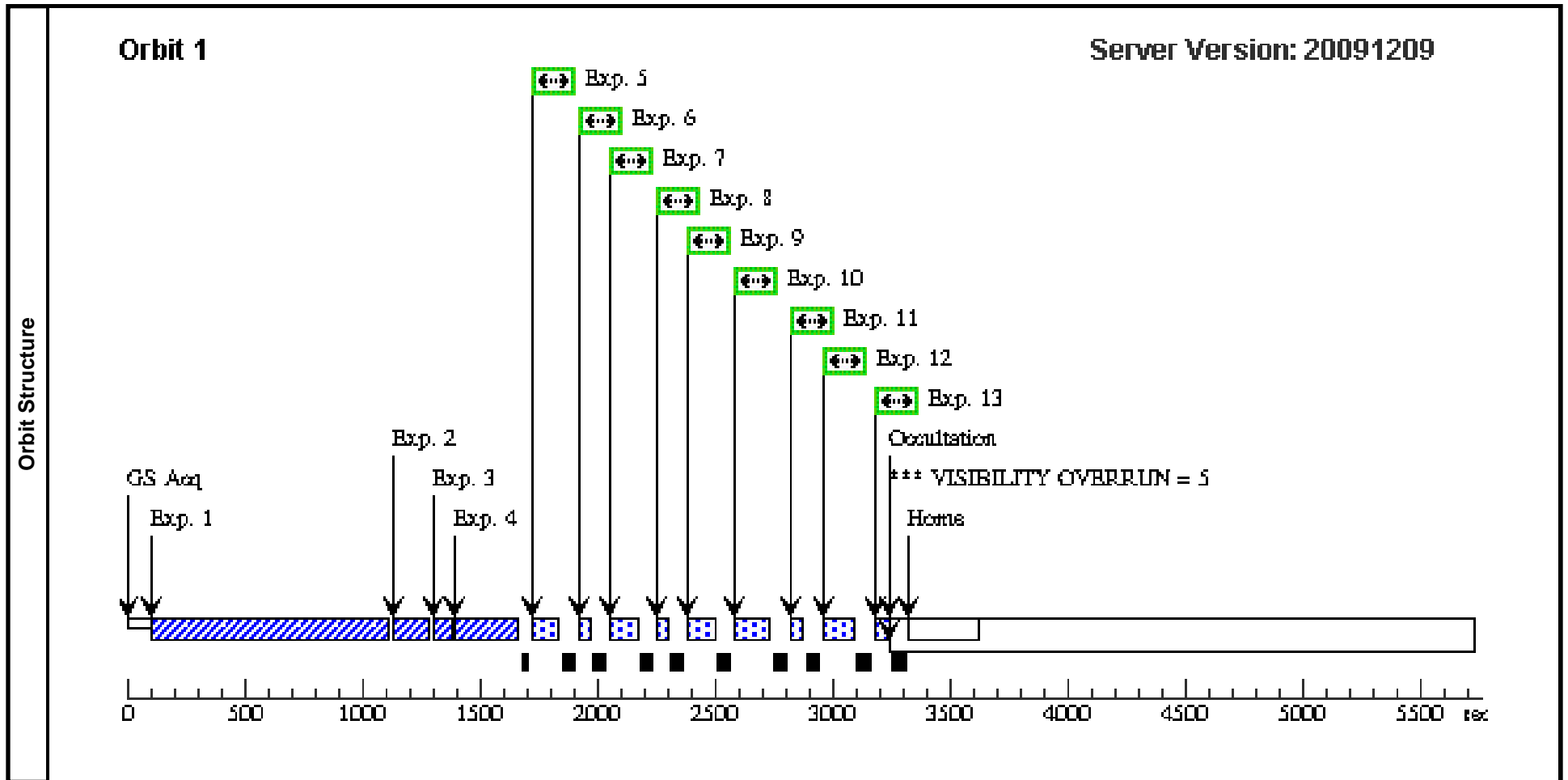
Proposal 11900 - Visit 08 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:35 GMT 2010

Visit	Proposal 11900, Visit 08, scheduling Diagnostic Status: Warning Scientific Instruments: COS/NUV Special Requirements: BETWEEN 14-AUG-2010:00:00:01 AND 10-SEP-2010:23:59:59																																									
	Diagnosics (Visit 08) Warning (Orbit Planner): VISIBILITY OVERRUN																																									
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>(2)</td> <td>HD187691</td> <td>RA: 19 51 1.6427 (297.7568446d)</td> <td>Proper Motion RA: 0.0163s/yr</td> <td>V=5.12</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>Alt Name1: NLTT-48319</td> <td>Dec: +10 24 56.62 (10.41573d)</td> <td>Proper Motion Dec: -0.13451"/yr</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Equinox: J2000</td> <td>Parallax: 0.05157"</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Epoch of Position: 1991.25</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Radial Velocity: 0.0 km/sec</td> <td></td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	HD187691	RA: 19 51 1.6427 (297.7568446d)	Proper Motion RA: 0.0163s/yr	V=5.12	Reference Frame: ICRS		Alt Name1: NLTT-48319	Dec: +10 24 56.62 (10.41573d)	Proper Motion Dec: -0.13451"/yr					Equinox: J2000	Parallax: 0.05157"						Epoch of Position: 1991.25						Radial Velocity: 0.0 km/sec			<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>RA PM is 240.09 mas/yr for 1991.25 from Hipparcos.</i></p> <p><i>ETC simulations for G285M use IUE spectrum LWP11175, no normalization, SNR =20 or better at cenwave.</i> <i>If G285M sensitivity very different from ETC values, usage of HD187691 with G285M gratings used in this program might have to be revised as some exposures are at the TIME-TAG limit.</i></p> <p><i>Exp 01: COS97672</i> <i>Exp 03: COS97673</i> <i>Exp 04: COS97674</i> <i>Exp 05: COS97675</i> <i>Exp 07: COS97676</i> <i>Exp 09: COS97677 : this exposure leads to total count rate of ~31733 cts/sec for the whole detector</i></p> <p><i>G225M: ETC simulations use Kurucz spectral model for F8V normalized to V=5.12, SNR=20 or better @cenwave</i> <i>Exp 10: COS97680</i> <i>Exp 11: COS97681</i></p>				
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			Epoch of Position: 1991.25																																							
			Radial Velocity: 0.0 km/sec																																							

Proposal 11900 - Visit 08 - NUV Internal/External Wavelength Scale Monitor

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) HD187691	COS/NUV, ACQ/SEARCH, PSA	G285M 2676 A	SCAN-SIZE=5; STEP-SIZE=1.767				1 Secs [==>]	[1]
	2	(2) HD187691	COS/NUV, ACQ/SEARCH, PSA	G285M 2676 A	SCAN-SIZE=2; STEP-SIZE=1.767				1 Secs [==>]	[1]
	3	(2) HD187691	COS/NUV, ACQ/PEAKXD, PSA	G285M 2676 A					1 Secs [==>]	[1]
	4	(2) HD187691	COS/NUV, ACQ/PEAKD, PSA	G285M 2676 A	NUM-POS=9; STEP-SIZE=1				1 Secs [==>]	[1]
	5	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=80; FP-POS=1				30 Secs [==>]	[1]
	6	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	7	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	8	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=80; FP-POS=4				30 Secs [==>]	[1]
	9	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2739 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	10	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2410 A	BUFFER-TIME=80; FP-POS=3				35 Secs [==>]	[1]
	11	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2410 A	BUFFER-TIME=80; FP-POS=4				35 Secs [==>]	[1]
	12	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2217 A	BUFFER-TIME=80; FP-POS=1				38 Secs [==>]	[1]
13	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2217 A	BUFFER-TIME=80; FP-POS=3				38 Secs [==>]	[1]	



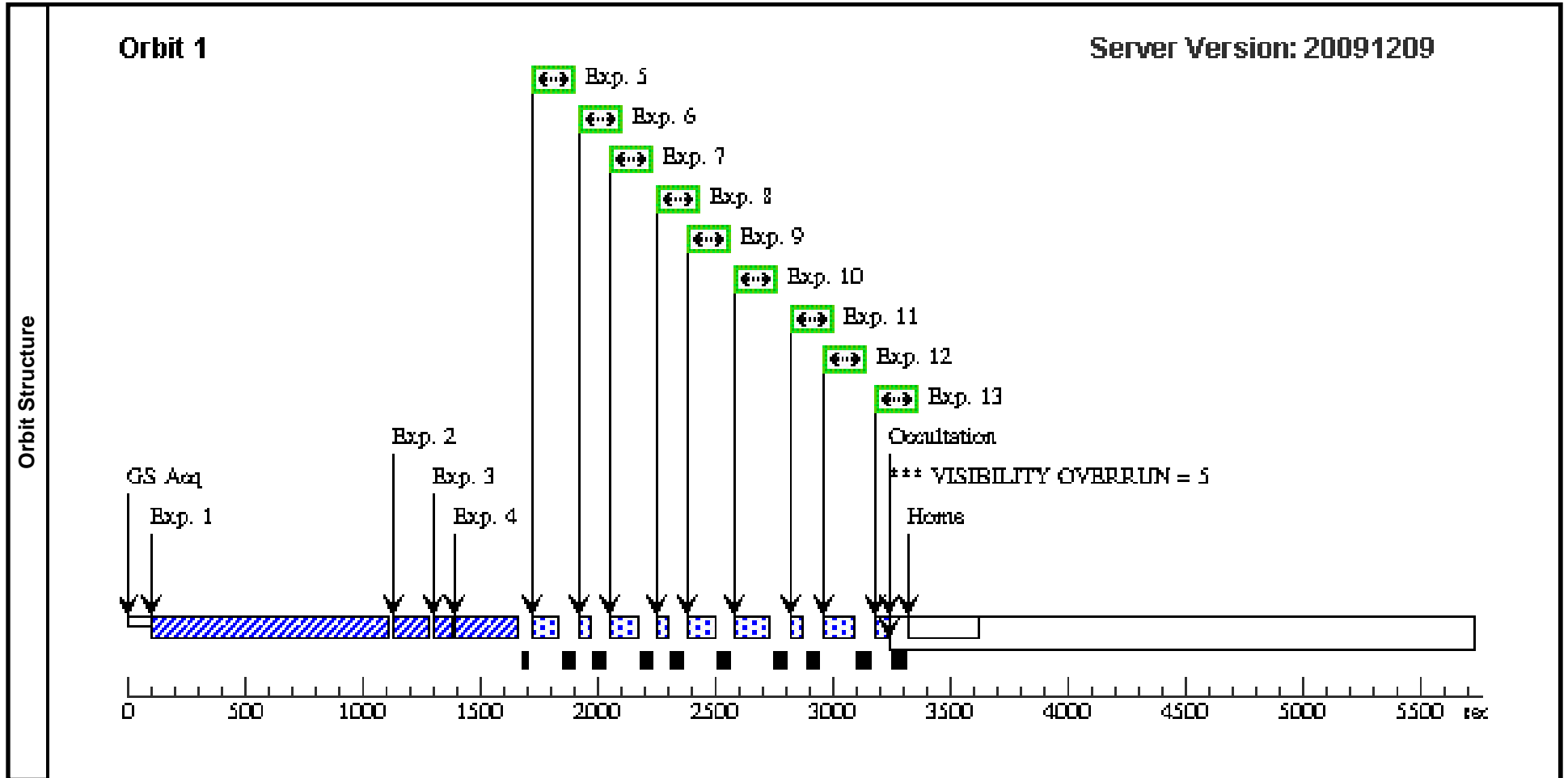
Proposal 11900 - Visit 09 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:36 GMT 2010

Visit	Proposal 11900, Visit 09, scheduling Diagnostic Status: Warning Scientific Instruments: COS/NUV Special Requirements: BETWEEN 01-OCT-2010:00:00:01 AND 31-OCT-2010:23:59:59																																									
	Diagnosics (Visit 09) Warning (Orbit Planner): VISIBILITY OVERRUN																																									
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>(2)</td> <td>HD187691</td> <td>RA: 19 51 1.6427 (297.7568446d)</td> <td>Proper Motion RA: 0.0163s/yr</td> <td>V=5.12</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>Alt Name1: NLTT-48319</td> <td>Dec: +10 24 56.62 (10.41573d)</td> <td>Proper Motion Dec: -0.13451"/yr</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Equinox: J2000</td> <td>Parallax: 0.05157"</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Epoch of Position: 1991.25</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Radial Velocity: 0.0 km/sec</td> <td></td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	HD187691	RA: 19 51 1.6427 (297.7568446d)	Proper Motion RA: 0.0163s/yr	V=5.12	Reference Frame: ICRS		Alt Name1: NLTT-48319	Dec: +10 24 56.62 (10.41573d)	Proper Motion Dec: -0.13451"/yr					Equinox: J2000	Parallax: 0.05157"						Epoch of Position: 1991.25						Radial Velocity: 0.0 km/sec			<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>RA PM is 240.09 mas/yr for 1991.25 from Hipparcos.</i></p> <p><i>ETC simulations for G285M use IUE spectrum LWP11175, no normalization, SNR =20 or better at cenwave.</i> <i>If G285M sensitivity very different from ETC values, usage of HD187691 with G285M gratings used in this program might have to be revised as some exposures are at the TIME-TAG limit.</i></p> <p><i>Exp 01: COS97672</i> <i>Exp 03: COS97673</i> <i>Exp 04: COS97674</i> <i>Exp 05: COS97675</i> <i>Exp 07: COS97676</i> <i>Exp 09: COS97677 : this exposure leads to total count rate of ~31733 cts/sec for the whole detector</i></p> <p><i>G225M: ETC simulations use Kurucz spectral model for F8V normalized to V=5.12, SNR=20 or better @cenwave</i> <i>Exp 10: COS97680</i> <i>Exp 11: COS97681</i></p>				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																				
(2)	HD187691	RA: 19 51 1.6427 (297.7568446d)	Proper Motion RA: 0.0163s/yr	V=5.12	Reference Frame: ICRS																																					
	Alt Name1: NLTT-48319	Dec: +10 24 56.62 (10.41573d)	Proper Motion Dec: -0.13451"/yr																																							
		Equinox: J2000	Parallax: 0.05157"																																							
			Epoch of Position: 1991.25																																							
			Radial Velocity: 0.0 km/sec																																							

Proposal 11900 - Visit 09 - NUV Internal/External Wavelength Scale Monitor

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) HD187691	COS/NUV, ACQ/SEARCH, PSA	G285M 2676 A	SCAN-SIZE=5; STEP-SIZE=1.767				1 Secs [==>]	[1]
	2	(2) HD187691	COS/NUV, ACQ/SEARCH, PSA	G285M 2676 A	SCAN-SIZE=2; STEP-SIZE=1.767				1 Secs [==>]	[1]
	3	(2) HD187691	COS/NUV, ACQ/PEAKXD, PSA	G285M 2676 A					1 Secs [==>]	[1]
	4	(2) HD187691	COS/NUV, ACQ/PEAKD, PSA	G285M 2676 A	NUM-POS=9; STEP-SIZE=1				1 Secs [==>]	[1]
	5	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=80; FP-POS=1				30 Secs [==>]	[1]
	6	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	7	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	8	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=80; FP-POS=4				30 Secs [==>]	[1]
	9	(2) HD187691	COS/NUV, TIME-TAG, PSA	G285M 2739 A	BUFFER-TIME=80; FP-POS=3				30 Secs [==>]	[1]
	10	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2410 A	BUFFER-TIME=80; FP-POS=3				35 Secs [==>]	[1]
	11	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2410 A	BUFFER-TIME=80; FP-POS=4				35 Secs [==>]	[1]
	12	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2217 A	BUFFER-TIME=80; FP-POS=1				38 Secs [==>]	[1]
13	(2) HD187691	COS/NUV, TIME-TAG, PSA	G225M 2217 A	BUFFER-TIME=80; FP-POS=3				38 Secs [==>]	[1]	



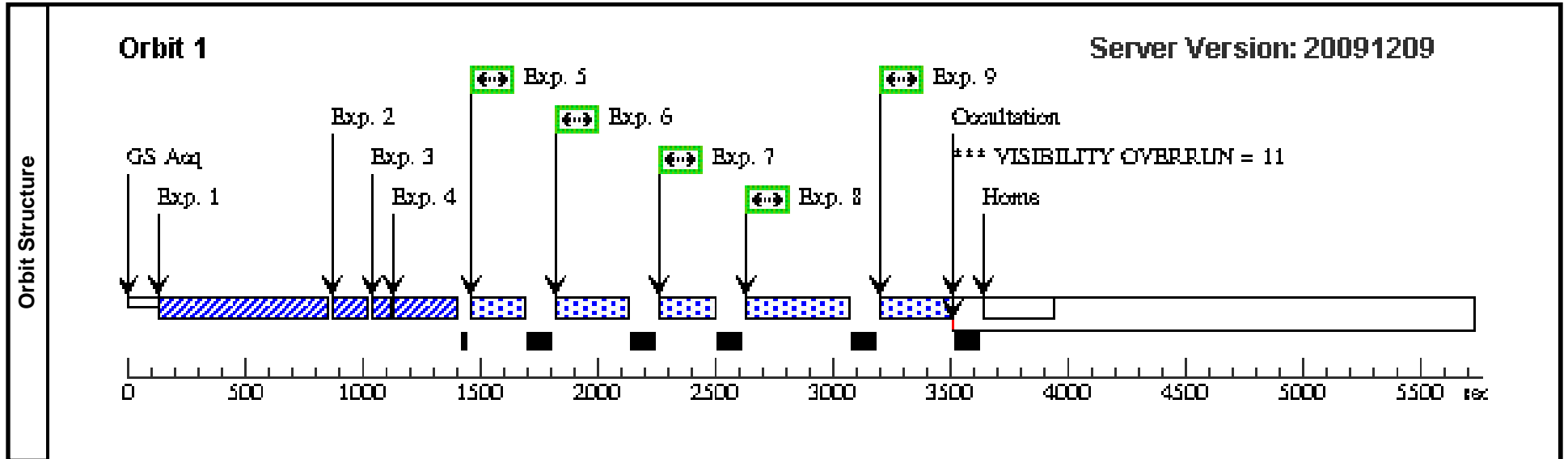
Proposal 11900 - Visit 03 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:37 GMT 2010

Visit	<p>Proposal 11900, Visit 03, completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: COS/NUV</p> <p>Special Requirements: BETWEEN 02-SEP-2009:00:00:01 AND 26-SEP-2009:23:59:59</p>																													
	<p>(Visit 03) Warning (Orbit Planner): VISIBILITY OVERRUN</p>																													
Diagnostics																														
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>(3)</td> <td>FEIGE48</td> <td>RA: 11 47 14.5100 (176.8104583d)</td> <td>Proper Motion RA: -0.00333s/yr</td> <td>V=13.28</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>Alt Name1: V-KL-UMA</td> <td>Dec: +61 15 31.70 (61.25881d)</td> <td>Proper Motion Dec: 0"/yr</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Equinox: J2000</td> <td>Epoch of Position: 2000</td> <td></td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	FEIGE48	RA: 11 47 14.5100 (176.8104583d)	Proper Motion RA: -0.00333s/yr	V=13.28	Reference Frame: ICRS		Alt Name1: V-KL-UMA	Dec: +61 15 31.70 (61.25881d)	Proper Motion Dec: 0"/yr					Equinox: J2000	Epoch of Position: 2000			<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Proper motion is from program 11474 where this target is also observed</i></p> <p><i>ETC simulations of this target use STIS E230M spectrum o64002030, no normalization. SNR=20 or better @cenwave</i></p> <p><i>Exp 01: COS97696</i></p> <p><i>Exp 03: COS97698</i></p> <p><i>Exp 04: COS97699</i></p> <p><i>Exp 05: COS97703</i></p> <p><i>Exp 06: COS97705</i></p> <p><i>Exp 08: COS97719</i></p> <p><i>Exp 09: COS97720</i></p>				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																								
(3)	FEIGE48	RA: 11 47 14.5100 (176.8104583d)	Proper Motion RA: -0.00333s/yr	V=13.28	Reference Frame: ICRS																									
	Alt Name1: V-KL-UMA	Dec: +61 15 31.70 (61.25881d)	Proper Motion Dec: 0"/yr																											
		Equinox: J2000	Epoch of Position: 2000																											

Proposal 11900 - Visit 03 - NUV Internal/External Wavelength Scale Monitor

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) FEIGE48	COS/NUV, ACQ/SEARCH, PSA	G185M 1900 A	SCAN-SIZE=4; STEP-SIZE=1.767			1 Secs [==>]	[1]
	2		(3) FEIGE48	COS/NUV, ACQ/SEARCH, PSA	G185M 1900 A	SCAN-SIZE=2; STEP-SIZE=1.767			1 Secs [==>]	[1]
	3		(3) FEIGE48	COS/NUV, ACQ/PEAKXD, PSA	G185M 1900 A				3 Secs [==>]	[1]
	4		(3) FEIGE48	COS/NUV, ACQ/PEAKD, PSA	G185M 1900 A	NUM-POS=9; STEP-SIZE=1			1 Secs [==>]	[1]
	5		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1900 A	FP-POS=3; BUFFER-TIME=22 0			220 Secs [==>]	[1]
	6		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1941 A	BUFFER-TIME=22 0; FP-POS=1			220 Secs [==>]	[1]
	7		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1941 A	BUFFER-TIME=22 0; FP-POS=3			220 Secs [==>]	[1]
	8		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1921 A	BUFFER-TIME=35 0; FP-POS=3			350 Secs [==>]	[1]
	9		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1913 A	BUFFER-TIME=22 0; FP-POS=3			220 Secs [==>]	[1]



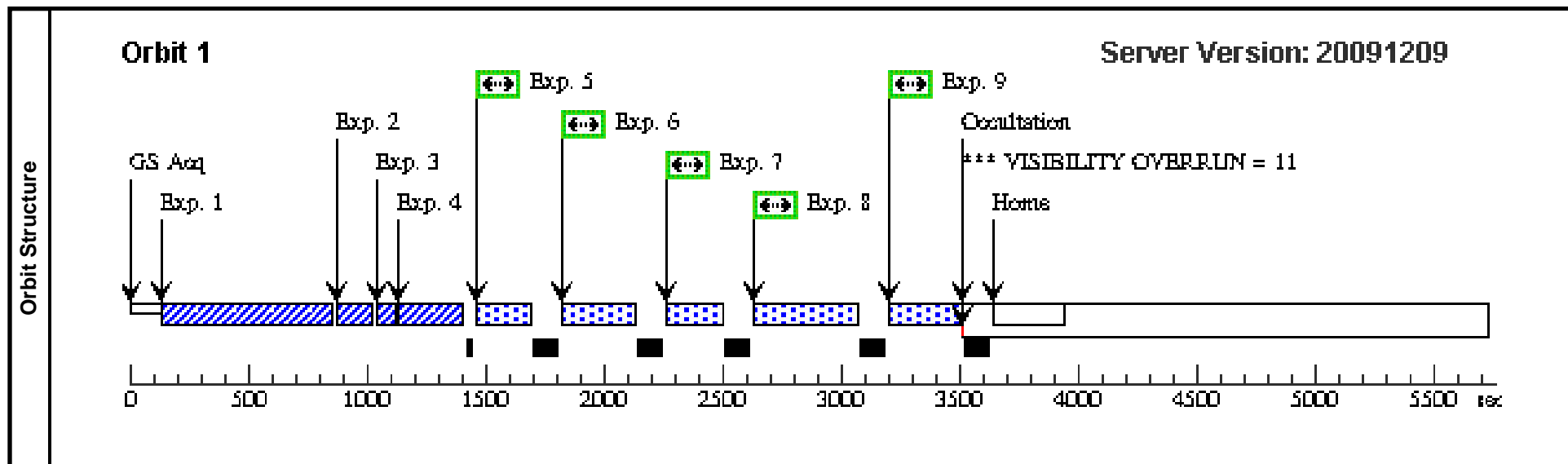
Proposal 11900 - Visit 10 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:37 GMT 2010

Visit	<p>Proposal 11900, Visit 10, completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: COS/NUV</p> <p>Special Requirements: BETWEEN 27-OCT-2009:00:00:01 AND 16-NOV-2009:23:59:59</p>					
	<p>(Visit 10) Warning (Orbit Planner): VISIBILITY OVERRUN</p>					
Diagnostics						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	FEIGE48	RA: 11 47 14.5100 (176.8104583d) Alt Name1: V-KL-UMA Dec: +61 15 31.70 (61.25881d) Equinox: J2000	Proper Motion RA: -0.00333s/yr Proper Motion Dec: 0"/yr Epoch of Position: 2000	V=13.28	Reference Frame: ICRS
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Proper motion is from program 11474 where this target is also observed</i></p> <p><i>ETC simulations of this target use STIS E230M spectrum o64002030, no normalization. SNR=20 or better @cenwave</i></p> <p><i>Exp 01: COS97696</i></p> <p><i>Exp 03: COS97698</i></p> <p><i>Exp 04: COS97699</i></p> <p><i>Exp 05: COS97703</i></p> <p><i>Exp 06: COS97705</i></p> <p><i>Exp 08: COS97719</i></p> <p><i>Exp 09: COS97720</i></p>						

Proposal 11900 - Visit 10 - NUV Internal/External Wavelength Scale Monitor

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(3) FEIGE48	COS/NUV, ACQ/SEARCH, PSA	G185M 1900 A	SCAN-SIZE=4; STEP-SIZE=1.767				1 Secs [==>]	[1]
	2	(3) FEIGE48	COS/NUV, ACQ/SEARCH, PSA	G185M 1900 A	SCAN-SIZE=2; STEP-SIZE=1.767				1 Secs [==>]	[1]
	3	(3) FEIGE48	COS/NUV, ACQ/PEAKXD, PSA	G185M 1900 A					3 Secs [==>]	[1]
	4	(3) FEIGE48	COS/NUV, ACQ/PEAKD, PSA	G185M 1900 A	NUM-POS=9; STEP-SIZE=1				1 Secs [==>]	[1]
	5	(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1900 A	FP-POS=3; BUFFER-TIME=22 0				220 Secs [==>]	[1]
	6	(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1941 A	BUFFER-TIME=22 0; FP-POS=1				220 Secs [==>]	[1]
	7	(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1941 A	BUFFER-TIME=22 0; FP-POS=3				220 Secs [==>]	[1]
	8	(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1921 A	BUFFER-TIME=35 0; FP-POS=3				350 Secs [==>]	[1]
	9	(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1913 A	BUFFER-TIME=22 0; FP-POS=3				220 Secs [==>]	[1]



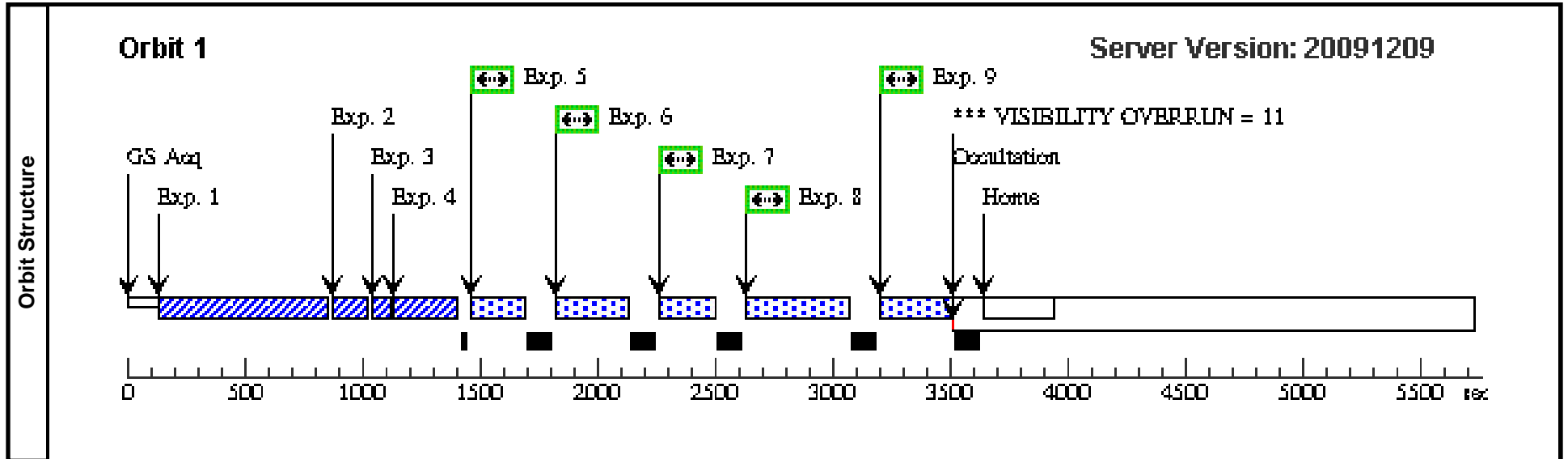
Proposal 11900 - Visit 11 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:38 GMT 2010

Visit	<p>Proposal 11900, Visit 11, completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: COS/NUV</p> <p>Special Requirements: BETWEEN 26-DEC-2009:00:00:01 AND 11-JAN-2010:23:59:59</p>					
	<p>(Visit 11) Warning (Orbit Planner): VISIBILITY OVERRUN</p>					
Diagnostics						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	FEIGE48 Alt Name1: V-KL-UMA	RA: 11 47 14.5100 (176.8104583d) Dec: +61 15 31.70 (61.25881d) Equinox: J2000	Proper Motion RA: -0.00333s/yr Proper Motion Dec: 0"/yr Epoch of Position: 2000	V=13.28	Reference Frame: ICRS
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Proper motion is from program 11474 where this target is also observed</i></p> <p><i>ETC simulations of this target use STIS E230M spectrum o64002030, no normalization. SNR=20 or better @cenwave</i></p> <p><i>Exp 01: COS97696</i></p> <p><i>Exp 03: COS97698</i></p> <p><i>Exp 04: COS97699</i></p> <p><i>Exp 05: COS97703</i></p> <p><i>Exp 06: COS97705</i></p> <p><i>Exp 08: COS97719</i></p> <p><i>Exp 09: COS97720</i></p>						

Proposal 11900 - Visit 11 - NUV Internal/External Wavelength Scale Monitor

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) FEIGE48	COS/NUV, ACQ/SEARCH, PSA	G185M 1900 A	SCAN-SIZE=4; STEP-SIZE=1.767			1 Secs [==>]	[1]
	2		(3) FEIGE48	COS/NUV, ACQ/SEARCH, PSA	G185M 1900 A	SCAN-SIZE=2; STEP-SIZE=1.767			1 Secs [==>]	[1]
	3		(3) FEIGE48	COS/NUV, ACQ/PEAKXD, PSA	G185M 1900 A				3 Secs [==>]	[1]
	4		(3) FEIGE48	COS/NUV, ACQ/PEAKD, PSA	G185M 1900 A	NUM-POS=9; STEP-SIZE=1			1 Secs [==>]	[1]
	5		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1900 A	FP-POS=3; BUFFER-TIME=22 0			220 Secs [==>]	[1]
	6		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1941 A	BUFFER-TIME=22 0; FP-POS=1			220 Secs [==>]	[1]
	7		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1941 A	BUFFER-TIME=22 0; FP-POS=3			220 Secs [==>]	[1]
	8		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1921 A	BUFFER-TIME=35 0; FP-POS=3			350 Secs [==>]	[1]
	9		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1913 A	BUFFER-TIME=22 0; FP-POS=3			220 Secs [==>]	[1]



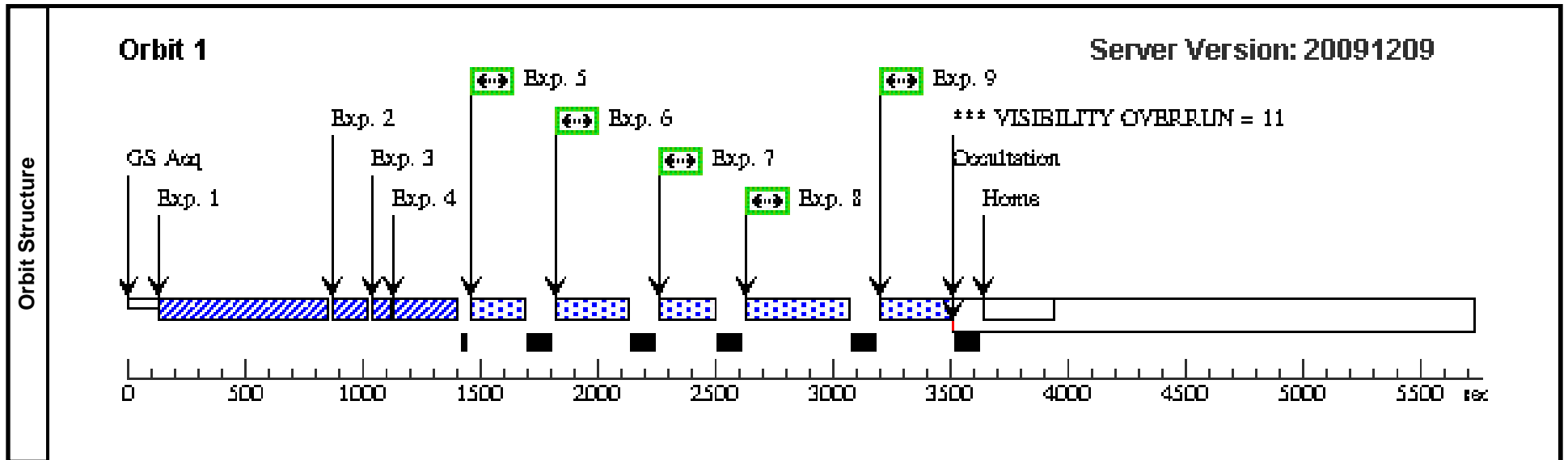
Proposal 11900 - Visit 12 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:38 GMT 2010

Visit	<p>Proposal 11900, Visit 12, scheduling</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: COS/NUV</p> <p>Special Requirements: BETWEEN 08-APR-2010:00:00:01 AND 28-APR-2010:23:59:59; ON HOLD</p> <p><i>On Hold Comments: observe Feige 48 and PI might need to change the target</i></p>																													
	<p>(Visit 12) Warning (Orbit Planner): VISIBILITY OVERRUN</p>																													
Diagnostics																														
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>(3)</td> <td>FEIGE48</td> <td>RA: 11 47 14.5100 (176.8104583d)</td> <td>Proper Motion RA: -0.00333s/yr</td> <td>V=13.28</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>Alt Name1: V-KL-UMA</td> <td>Dec: +61 15 31.70 (61.25881d)</td> <td>Proper Motion Dec: 0"/yr</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Equinox: J2000</td> <td>Epoch of Position: 2000</td> <td></td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	FEIGE48	RA: 11 47 14.5100 (176.8104583d)	Proper Motion RA: -0.00333s/yr	V=13.28	Reference Frame: ICRS		Alt Name1: V-KL-UMA	Dec: +61 15 31.70 (61.25881d)	Proper Motion Dec: 0"/yr					Equinox: J2000	Epoch of Position: 2000			<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Proper motion is from program 11474 where this target is also observed</i></p> <p><i>ETC simulations of this target use STIS E230M spectrum o64002030, no normalization. SNR=20 or better @cenwave</i></p> <p><i>Exp 01: COS97696</i></p> <p><i>Exp 03: COS97698</i></p> <p><i>Exp 04: COS97699</i></p> <p><i>Exp 05: COS97703</i></p> <p><i>Exp 06: COS97705</i></p> <p><i>Exp 08: COS97719</i></p> <p><i>Exp 09: COS97720</i></p>				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																								
(3)	FEIGE48	RA: 11 47 14.5100 (176.8104583d)	Proper Motion RA: -0.00333s/yr	V=13.28	Reference Frame: ICRS																									
	Alt Name1: V-KL-UMA	Dec: +61 15 31.70 (61.25881d)	Proper Motion Dec: 0"/yr																											
		Equinox: J2000	Epoch of Position: 2000																											

Proposal 11900 - Visit 12 - NUV Internal/External Wavelength Scale Monitor

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) FEIGE48	COS/NUV, ACQ/SEARCH, PSA	G185M 1900 A	SCAN-SIZE=4; STEP-SIZE=1.767			1 Secs [==>]	[1]
	2		(3) FEIGE48	COS/NUV, ACQ/SEARCH, PSA	G185M 1900 A	SCAN-SIZE=2; STEP-SIZE=1.767			1 Secs [==>]	[1]
	3		(3) FEIGE48	COS/NUV, ACQ/PEAKXD, PSA	G185M 1900 A				3 Secs [==>]	[1]
	4		(3) FEIGE48	COS/NUV, ACQ/PEAKD, PSA	G185M 1900 A	NUM-POS=9; STEP-SIZE=1			1 Secs [==>]	[1]
	5		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1900 A	FP-POS=3; BUFFER-TIME=22 0			220 Secs [==>]	[1]
	6		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1941 A	BUFFER-TIME=22 0; FP-POS=1			220 Secs [==>]	[1]
	7		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1941 A	BUFFER-TIME=22 0; FP-POS=3			220 Secs [==>]	[1]
	8		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1921 A	BUFFER-TIME=35 0; FP-POS=3			350 Secs [==>]	[1]
	9		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1913 A	BUFFER-TIME=22 0; FP-POS=3			220 Secs [==>]	[1]



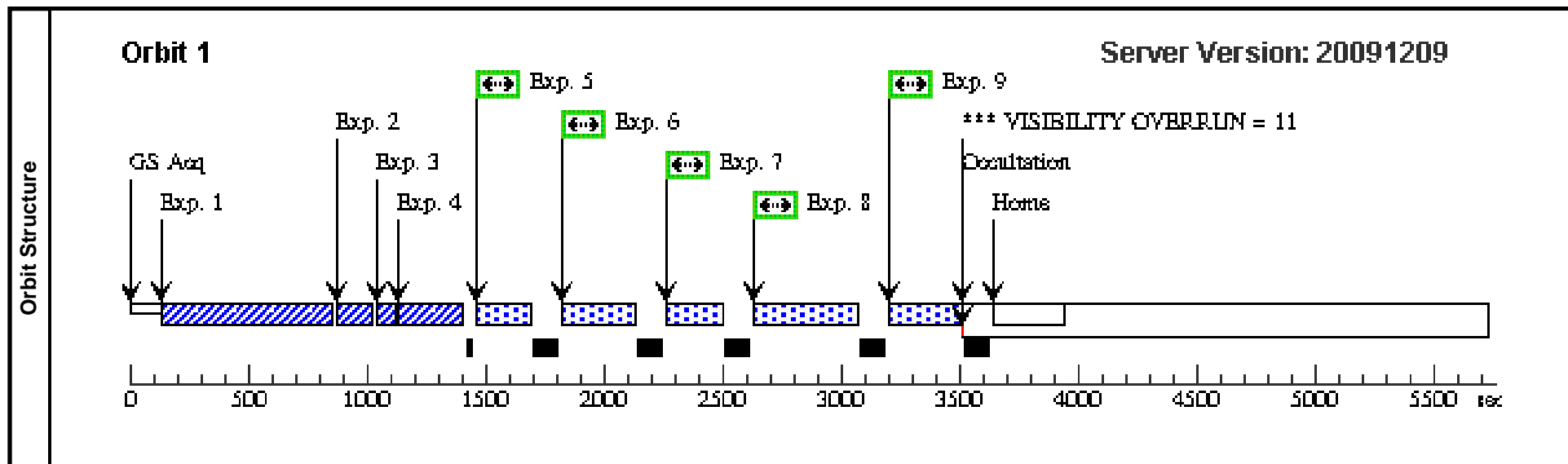
Proposal 11900 - Visit 13 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:38 GMT 2010

Visit	<p>Proposal 11900, Visit 13, scheduling</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: COS/NUV</p> <p>Special Requirements: BETWEEN 04-AUG-2010:00:00:01 AND 24-AUG-2010:23:59:59; ON HOLD</p> <p><i>On Hold Comments: observe Feige 48 and PI might need to change the target</i></p>																													
	<p>Diagnosics</p> <p>(Visit 13) Warning (Orbit Planner): VISIBILITY OVERRUN</p>																													
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>(3)</td> <td>FEIGE48</td> <td>RA: 11 47 14.5100 (176.8104583d)</td> <td>Proper Motion RA: -0.00333s/yr</td> <td>V=13.28</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>Alt Name1: V-KL-UMA</td> <td>Dec: +61 15 31.70 (61.25881d)</td> <td>Proper Motion Dec: 0"/yr</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Equinox: J2000</td> <td>Epoch of Position: 2000</td> <td></td> <td></td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Proper motion is from program 11474 where this target is also observed</i></p> <p><i>ETC simulations of this target use STIS E230M spectrum o64002030, no normalization. SNR=20 or better @cenwave</i></p> <p><i>Exp 01: COS97696</i></p> <p><i>Exp 03: COS97698</i></p> <p><i>Exp 04: COS97699</i></p> <p><i>Exp 05: COS97703</i></p> <p><i>Exp 06: COS97705</i></p> <p><i>Exp 08: COS97719</i></p> <p><i>Exp 09: COS97720</i></p>						#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	FEIGE48	RA: 11 47 14.5100 (176.8104583d)	Proper Motion RA: -0.00333s/yr	V=13.28	Reference Frame: ICRS		Alt Name1: V-KL-UMA	Dec: +61 15 31.70 (61.25881d)	Proper Motion Dec: 0"/yr					Equinox: J2000	Epoch of Position: 2000		
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																								
(3)	FEIGE48	RA: 11 47 14.5100 (176.8104583d)	Proper Motion RA: -0.00333s/yr	V=13.28	Reference Frame: ICRS																									
	Alt Name1: V-KL-UMA	Dec: +61 15 31.70 (61.25881d)	Proper Motion Dec: 0"/yr																											
		Equinox: J2000	Epoch of Position: 2000																											

Proposal 11900 - Visit 13 - NUV Internal/External Wavelength Scale Monitor

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) FEIGE48	COS/NUV, ACQ/SEARCH, PSA	G185M 1900 A	SCAN-SIZE=4; STEP-SIZE=1.767			1 Secs [==>]	[1]
	2		(3) FEIGE48	COS/NUV, ACQ/SEARCH, PSA	G185M 1900 A	SCAN-SIZE=2; STEP-SIZE=1.767			1 Secs [==>]	[1]
	3		(3) FEIGE48	COS/NUV, ACQ/PEAKXD, PSA	G185M 1900 A				3 Secs [==>]	[1]
	4		(3) FEIGE48	COS/NUV, ACQ/PEAKD, PSA	G185M 1900 A	NUM-POS=9; STEP-SIZE=1			1 Secs [==>]	[1]
	5		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1900 A	FP-POS=3; BUFFER-TIME=22 0			220 Secs [==>]	[1]
	6		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1941 A	BUFFER-TIME=22 0; FP-POS=1			220 Secs [==>]	[1]
	7		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1941 A	BUFFER-TIME=22 0; FP-POS=3			220 Secs [==>]	[1]
	8		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1921 A	BUFFER-TIME=35 0; FP-POS=3			350 Secs [==>]	[1]
	9		(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1913 A	BUFFER-TIME=22 0; FP-POS=3			220 Secs [==>]	[1]



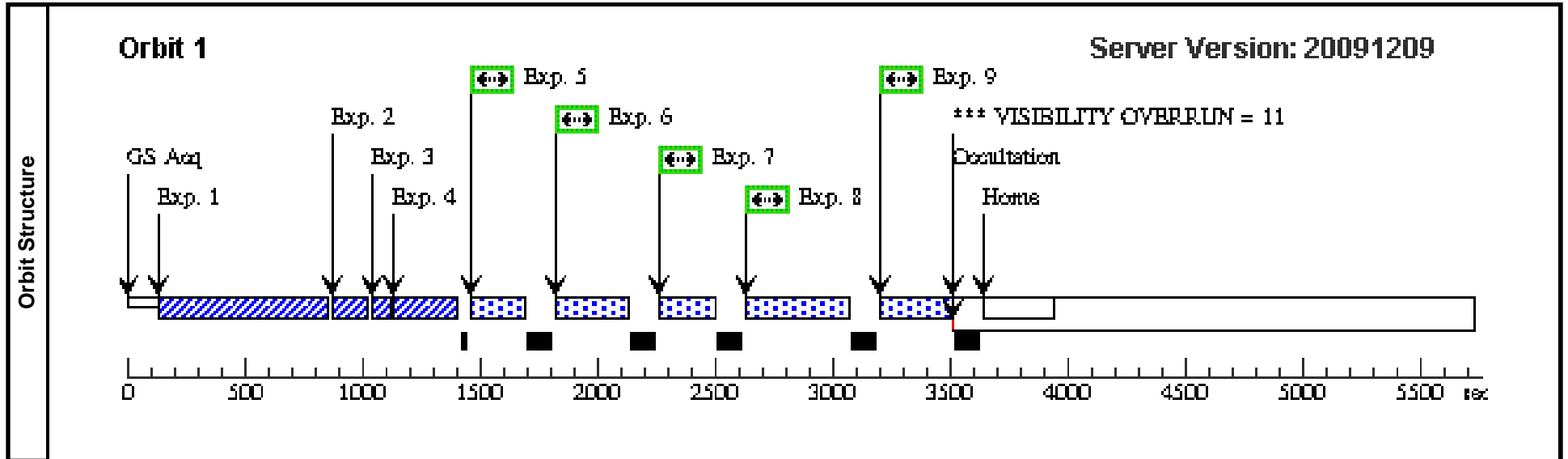
Proposal 11900 - Visit 14 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:39 GMT 2010

Visit	<p>Proposal 11900, Visit 14, scheduling</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: COS/NUV</p> <p>Special Requirements: BETWEEN 25-SEP-2010:00:00:01 AND 19-OCT-2010:23:59:59; ON HOLD</p> <p><i>On Hold Comments: observe Feige 48 and PI might need to change the target</i></p>																													
	<p>Diagnosics</p> <p>(Visit 14) Warning (Orbit Planner): VISIBILITY OVERRUN</p>																													
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>(3)</td> <td>FEIGE48</td> <td>RA: 11 47 14.5100 (176.8104583d)</td> <td>Proper Motion RA: -0.00333s/yr</td> <td>V=13.28</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>Alt Name1: V-KL-UMA</td> <td>Dec: +61 15 31.70 (61.25881d)</td> <td>Proper Motion Dec: 0"/yr</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Equinox: J2000</td> <td>Epoch of Position: 2000</td> <td></td> <td></td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Proper motion is from program 11474 where this target is also observed</i></p> <p><i>ETC simulations of this target use STIS E230M spectrum o64002030, no normalization. SNR=20 or better @cenwave</i></p> <p><i>Exp 01: COS97696</i></p> <p><i>Exp 03: COS97698</i></p> <p><i>Exp 04: COS97699</i></p> <p><i>Exp 05: COS97703</i></p> <p><i>Exp 06: COS97705</i></p> <p><i>Exp 08: COS97719</i></p> <p><i>Exp 09: COS97720</i></p>						#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	FEIGE48	RA: 11 47 14.5100 (176.8104583d)	Proper Motion RA: -0.00333s/yr	V=13.28	Reference Frame: ICRS		Alt Name1: V-KL-UMA	Dec: +61 15 31.70 (61.25881d)	Proper Motion Dec: 0"/yr					Equinox: J2000	Epoch of Position: 2000		
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																								
(3)	FEIGE48	RA: 11 47 14.5100 (176.8104583d)	Proper Motion RA: -0.00333s/yr	V=13.28	Reference Frame: ICRS																									
	Alt Name1: V-KL-UMA	Dec: +61 15 31.70 (61.25881d)	Proper Motion Dec: 0"/yr																											
		Equinox: J2000	Epoch of Position: 2000																											

Proposal 11900 - Visit 14 - NUV Internal/External Wavelength Scale Monitor

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(3) FEIGE48	COS/NUV, ACQ/SEARCH, PSA	G185M 1900 A	SCAN-SIZE=4; STEP-SIZE=1.767				1 Secs [==>]	[1]
	2	(3) FEIGE48	COS/NUV, ACQ/SEARCH, PSA	G185M 1900 A	SCAN-SIZE=2; STEP-SIZE=1.767				1 Secs [==>]	[1]
	3	(3) FEIGE48	COS/NUV, ACQ/PEAKXD, PSA	G185M 1900 A					3 Secs [==>]	[1]
	4	(3) FEIGE48	COS/NUV, ACQ/PEAKD, PSA	G185M 1900 A	NUM-POS=9; STEP-SIZE=1				1 Secs [==>]	[1]
	5	(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1900 A	FP-POS=3; BUFFER-TIME=22 0				220 Secs [==>]	[1]
	6	(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1941 A	BUFFER-TIME=22 0; FP-POS=1				220 Secs [==>]	[1]
	7	(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1941 A	BUFFER-TIME=22 0; FP-POS=3				220 Secs [==>]	[1]
	8	(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1921 A	BUFFER-TIME=35 0; FP-POS=3				350 Secs [==>]	[1]
	9	(3) FEIGE48	COS/NUV, TIME-TAG, PSA	G185M 1913 A	BUFFER-TIME=22 0; FP-POS=3				220 Secs [==>]	[1]



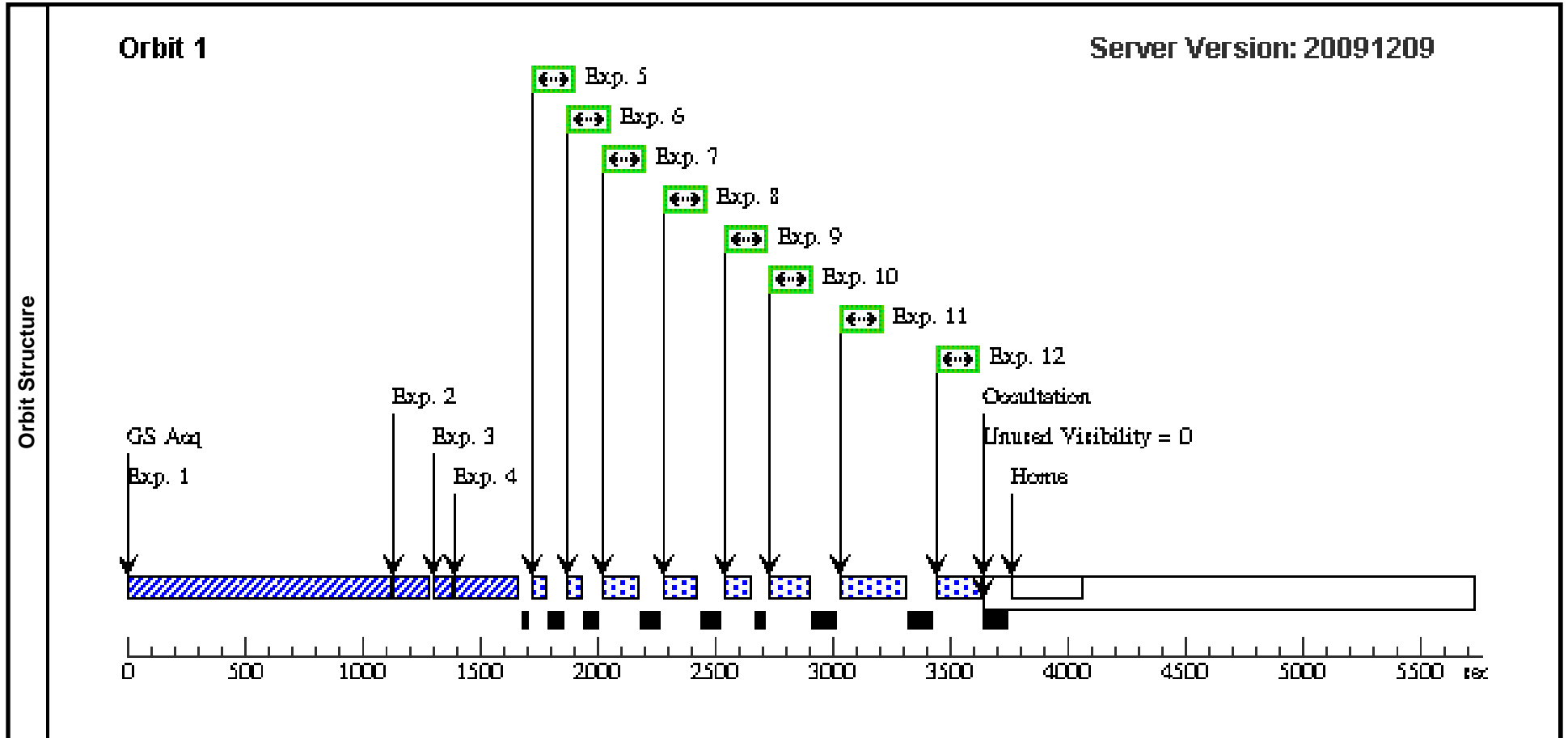
Proposal 11900 - Visit 04 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:39 GMT 2010

Visit	Proposal 11900, Visit 04, pi Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV Special Requirements: BETWEEN 30-AUG-2009:00:00:01 AND 19-SEP-2009:23:59:59					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
		(4)	HD-6655	RA: 01 05 18.2073 (16.3258637d) Dec: -72 33 14.47 (-72.55402d) Equinox: J2000	Proper Motion RA: 0.01101s/yr Proper Motion Dec: -0.118"/yr Epoch of Position: 2000 Radial Velocity: 19.5 km/sec	V=8.05+/-0.05 B-V=0.51
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Proper motions are from SMOV program 11474, where this target is also observed</i></p> <p><i>ETC simulations of this target use Kurucz spectral type F8V, normalized to V=8.05, SNR=20 or better @ cenwave</i></p> <p><i>Exp 01: COS97721</i> <i>Exp 03: COS97722</i> <i>Exp 04: COS97723</i> <i>Exp 05: COS97724</i> <i>Exp 07: COS97725</i> <i>Exp 09: COS97726</i> <i>Exp 10: COS97727</i> <i>Exp 11: COS97728</i> <i>Exp 12: COS97729</i></p>					

Proposal 11900 - Visit 04 - NUV Internal/External Wavelength Scale Monitor

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	(4) HD-6655	COS/NUV, ACQ/SEARCH, PSA	G230L 2635 A	SCAN-SIZE=5; STEP-SIZE=1.767			1 Secs [==>]	[1]	
	2	(4) HD-6655	COS/NUV, ACQ/SEARCH, PSA	G230L 2635 A	SCAN-SIZE=2; STEP-SIZE=1.767			1 Secs [==>]	[1]	
	3	(4) HD-6655	COS/NUV, ACQ/PEAKXD, PSA	G230L 2635 A	STRIFE=MEDIUM			1 Secs [==>]	[1]	
	4	(4) HD-6655	COS/NUV, ACQ/PEAKD, PSA	G230L 2635 A	NUM-POS=9; STEP-SIZE=1			1 Secs [==>]	[1]	
	5	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2635 A	BUFFER-TIME=80; FP-POS=3			43 Secs [==>]	[1]	
	<i>Comments: BT=182 sec, set to 80.</i>									
	6	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2635 A	BUFFER-TIME=80; FP-POS=4			43 Secs [==>]	[1]	
	<i>Comments: BT=182 sec, set to 80.</i>									
	7	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=80; FP-POS=3			60 Secs [==>]	[1]	
	<i>Comments: BT=151 sec, set to 80.</i>									
	8	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=80; FP-POS=1			60 Secs [==>]	[1]	
	<i>Comments: BT=151 sec, set to 80.</i>									
9	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 3000 A	BUFFER-TIME=80; FP-POS=3			25 Secs [==>]	[1]		
<i>Comments: BT=153 sec, set to 80.</i>										
10	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 3360 A	BUFFER-TIME=80; FP-POS=3			80 Secs [==>]	[1]		
<i>Comments: BT=239 sec, set to 80.</i>										
11	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=90; FP-POS=3			90 Secs [==>]	[1]		
<i>Comments: BT=549 sec, set to 90.</i>										
12	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=10 8; FP-POS=3			100 Secs [==>]	[1]		
<i>Comments: BT=531 sec, set to 108</i>										



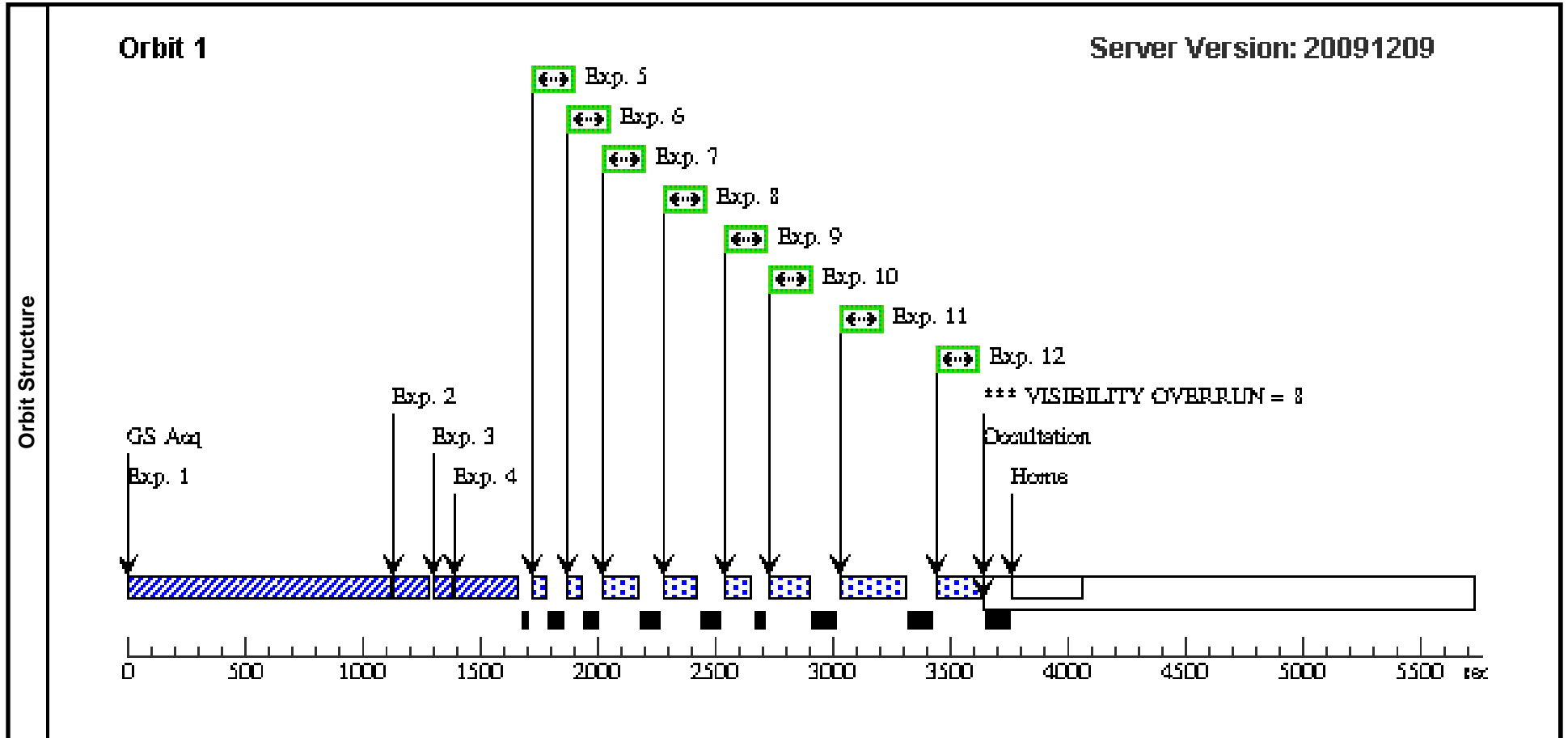
Proposal 11900 - Visit 15 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:40 GMT 2010

Visit	<p>Proposal 11900, Visit 15, completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: COS/NUV</p> <p>Special Requirements: BETWEEN 21-OCT-2009:00:00:01 AND 12-NOV-2009:23:59:59</p>					
	<p>(Visit 15) Warning (Orbit Planner): VISIBILITY OVERRUN</p>					
Diagnostics						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	HD-6655	RA: 01 05 18.2073 (16.3258637d) Dec: -72 33 14.47 (-72.55402d) Equinox: J2000	Proper Motion RA: 0.01101s/yr Proper Motion Dec: -0.118"/yr Epoch of Position: 2000 Radial Velocity: 19.5 km/sec	V=8.05+/-0.05 B-V=0.51	Reference Frame: ICRS
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Proper motions are from SMOV program 11474, where this target is also observed</i></p> <p><i>ETC simulations of this target use Kurucz spectral type F8V, normalized to V=8.05, SNR=20 or better @ cenwave</i></p> <p><i>Exp 01: COS97721</i></p> <p><i>Exp 03: COS97722</i></p> <p><i>Exp 04: COS97723</i></p> <p><i>Exp 05: COS97724</i></p> <p><i>Exp 07: COS97725</i></p> <p><i>Exp 09: COS97726</i></p> <p><i>Exp 10: COS97727</i></p> <p><i>Exp 11: COS97728</i></p> <p><i>Exp 12: COS97729</i></p>						

Proposal 11900 - Visit 15 - NUV Internal/External Wavelength Scale Monitor

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	(4) HD-6655	COS/NUV, ACQ/SEARCH, PSA	G230L 2635 A	SCAN-SIZE=5; STEP-SIZE=1.767			1 Secs [==>]	[1]	
	2	(4) HD-6655	COS/NUV, ACQ/SEARCH, PSA	G230L 2635 A	SCAN-SIZE=2; STEP-SIZE=1.767			1 Secs [==>]	[1]	
	3	(4) HD-6655	COS/NUV, ACQ/PEAKXD, PSA	G230L 2635 A	STRIPE=MEDIUM			1 Secs [==>]	[1]	
	4	(4) HD-6655	COS/NUV, ACQ/PEAKD, PSA	G230L 2635 A	NUM-POS=9; STEP-SIZE=1			1 Secs [==>]	[1]	
	5	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2635 A	BUFFER-TIME=80; FP-POS=3			43 Secs [==>]	[1]	
	<i>Comments: BT=182 sec, set to 80.</i>									
	6	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2635 A	BUFFER-TIME=80; FP-POS=4			43 Secs [==>]	[1]	
	<i>Comments: BT=182 sec, set to 80.</i>									
	7	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=80; FP-POS=3			60 Secs [==>]	[1]	
	<i>Comments: BT=151 sec, set to 80.</i>									
	8	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=80; FP-POS=1			60 Secs [==>]	[1]	
	<i>Comments: BT=151 sec, set to 80.</i>									
9	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 3000 A	BUFFER-TIME=80; FP-POS=3			25 Secs [==>]	[1]		
<i>Comments: BT=153 sec, set to 80.</i>										
10	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 3360 A	BUFFER-TIME=80; FP-POS=3			80 Secs [==>]	[1]		
<i>Comments: BT=239 sec, set to 80.</i>										
11	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=90; FP-POS=3			90 Secs [==>]	[1]		
<i>Comments: BT=549 sec, set to 90.</i>										
12	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=10 8; FP-POS=3			108 Secs [==>]	[1]		
<i>Comments: BT=531 sec, set to 108</i>										



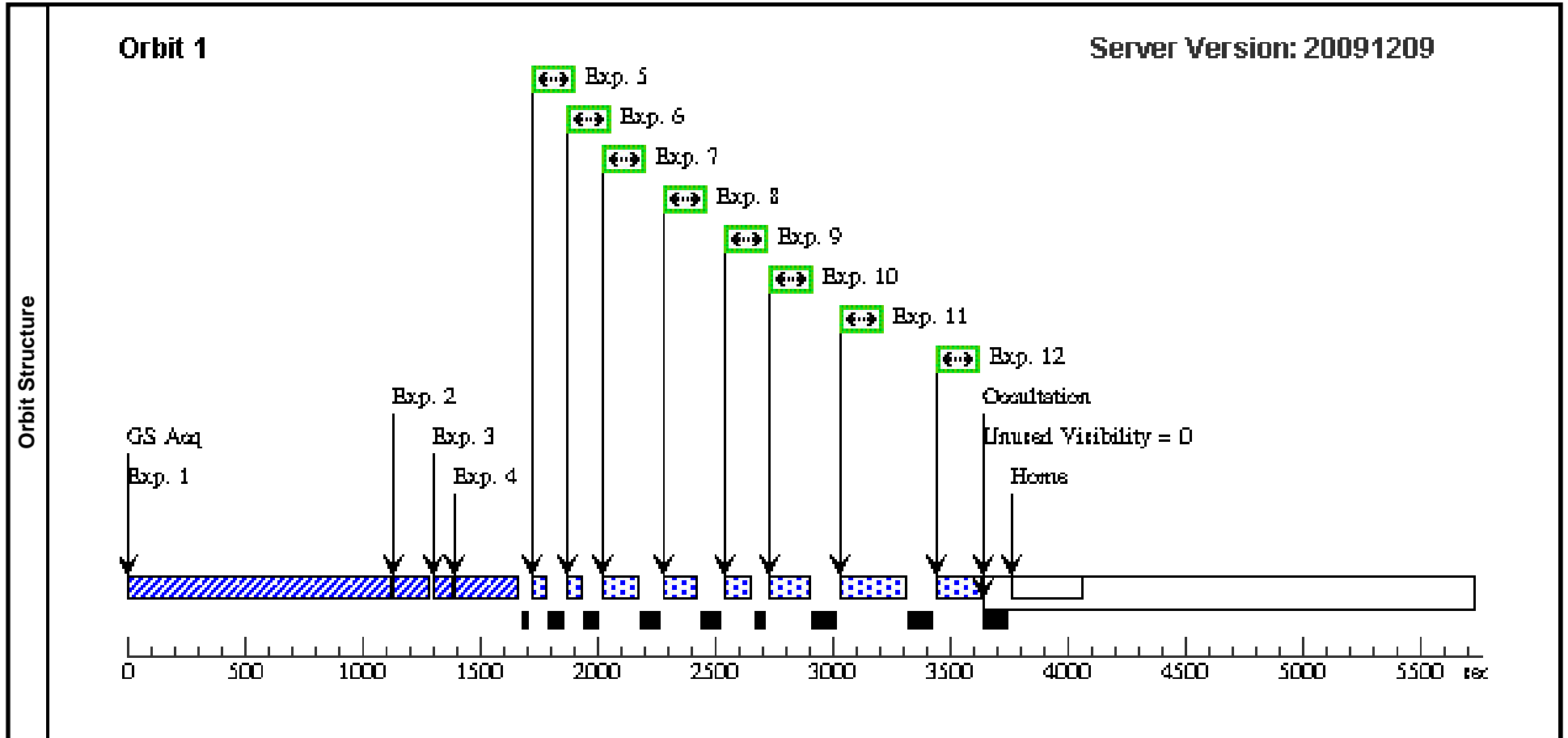
Proposal 11900 - Visit 16 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:40 GMT 2010

Visit	Proposal 11900, Visit 16, implementation					
	Diagnostic Status: No Diagnostics					
Scientific Instruments: COS/NUV						
Special Requirements: BETWEEN 13-FEB-2010:00:00:01 AND 24-FEB-2010:23:59:59						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	HD-6655	RA: 01 05 18.2073 (16.3258637d) Dec: -72 33 14.47 (-72.55402d) Equinox: J2000	Proper Motion RA: 0.01101s/yr Proper Motion Dec: -0.118"/yr Epoch of Position: 2000 Radial Velocity: 19.5 km/sec	V=8.05+/-0.05 B-V=0.51	Reference Frame: ICRS
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Proper motions are from SMOV program 11474, where this target is also observed</i></p>						
<p><i>ETC simulations of this target use Kurucz spectral type F8V, normalized to V=8.05, SNR=20 or better @ cenwave</i></p>						
<p><i>Exp 01: COS97721</i></p>						
<p><i>Exp 03: COS97722</i></p>						
<p><i>Exp 04: COS97723</i></p>						
<p><i>Exp 05: COS97724</i></p>						
<p><i>Exp 07: COS97725</i></p>						
<p><i>Exp 09: COS97726</i></p>						
<p><i>Exp 10: COS97727</i></p>						
<p><i>Exp 11: COS97728</i></p>						
<p><i>Exp 12: COS97729</i></p>						

Proposal 11900 - Visit 16 - NUV Internal/External Wavelength Scale Monitor

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	(4) HD-6655	COS/NUV, ACQ/SEARCH, PSA	G230L 2635 A	SCAN-SIZE=5; STEP-SIZE=1.767			1 Secs [==>]	[1]	
	2	(4) HD-6655	COS/NUV, ACQ/SEARCH, PSA	G230L 2635 A	SCAN-SIZE=2; STEP-SIZE=1.767			1 Secs [==>]	[1]	
	3	(4) HD-6655	COS/NUV, ACQ/PEAKXD, PSA	G230L 2635 A	STRIFE=MEDIUM			1 Secs [==>]	[1]	
	4	(4) HD-6655	COS/NUV, ACQ/PEAKD, PSA	G230L 2635 A	NUM-POS=9; STEP-SIZE=1			1 Secs [==>]	[1]	
	5	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2635 A	BUFFER-TIME=80; FP-POS=3			43 Secs [==>]	[1]	
	<i>Comments: BT=182 sec, set to 80.</i>									
	6	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2635 A	BUFFER-TIME=80; FP-POS=4			43 Secs [==>]	[1]	
	<i>Comments: BT=182 sec, set to 80.</i>									
	7	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=80; FP-POS=3			60 Secs [==>]	[1]	
	<i>Comments: BT=151 sec, set to 80.</i>									
	8	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=80; FP-POS=1			60 Secs [==>]	[1]	
	<i>Comments: BT=151 sec, set to 80.</i>									
9	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 3000 A	BUFFER-TIME=80; FP-POS=3			25 Secs [==>]	[1]		
<i>Comments: BT=153 sec, set to 80.</i>										
10	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 3360 A	BUFFER-TIME=80; FP-POS=3			80 Secs [==>]	[1]		
<i>Comments: BT=239 sec, set to 80.</i>										
11	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=90; FP-POS=3			90 Secs [==>]	[1]		
<i>Comments: BT=549 sec, set to 90.</i>										
12	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=10 8; FP-POS=3			100 Secs [==>]	[1]		
<i>Comments: BT=531 sec, set to 108</i>										



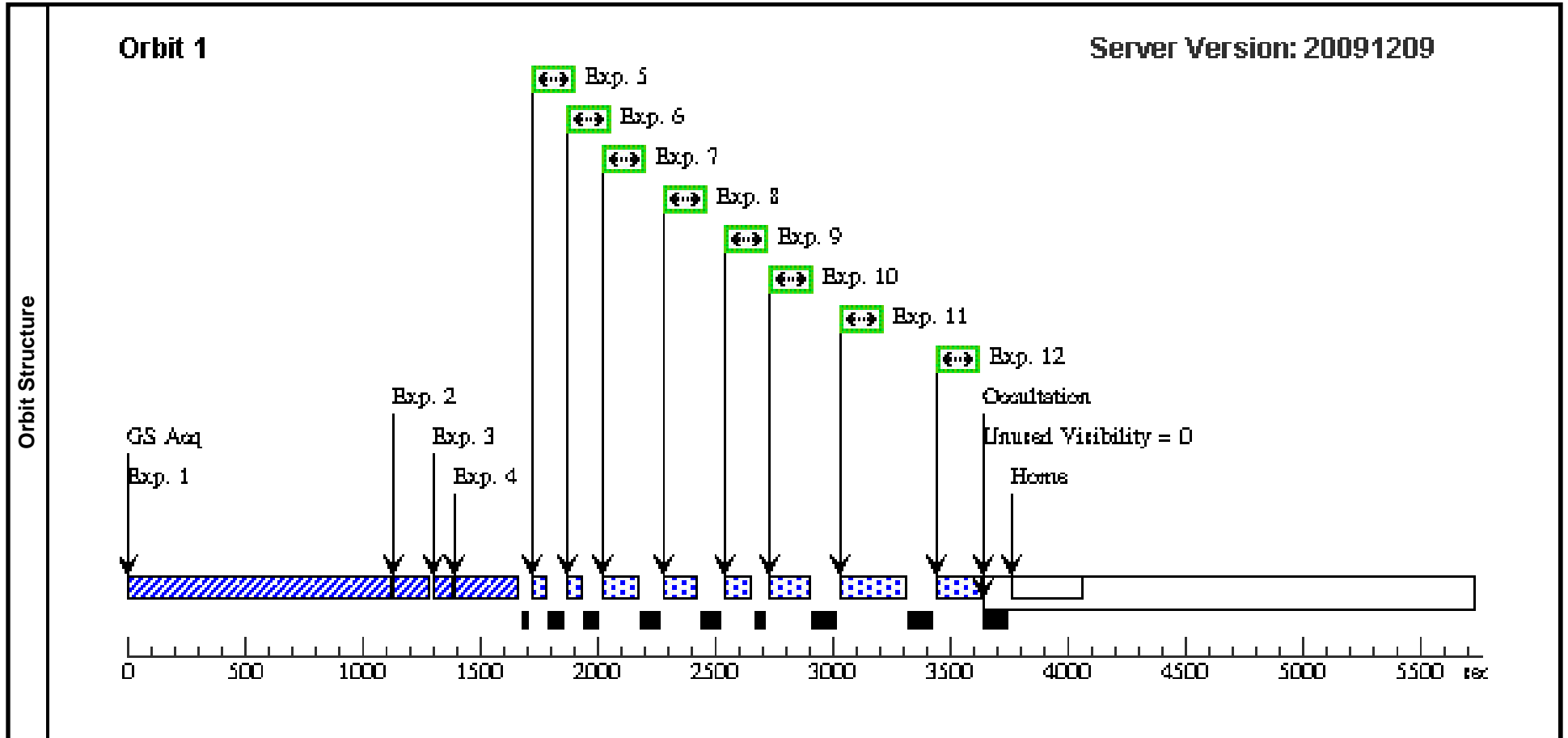
Proposal 11900 - Visit 17 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:41 GMT 2010

Visit	Proposal 11900, Visit 17, implementation					
	Diagnostic Status: No Diagnostics					
Scientific Instruments: COS/NUV						
Special Requirements: BETWEEN 19-APR-2010:00:00:01 AND 02-MAY-2010:23:59:59						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	HD-6655	RA: 01 05 18.2073 (16.3258637d)	Proper Motion RA: 0.01101s/yr	V=8.05+/-0.05	Reference Frame: ICRS
		Dec: -72 33 14.47 (-72.55402d)	Proper Motion Dec: -0.118"/yr	B-V=0.51		
		Equinox: J2000	Epoch of Position: 2000			
		Radial Velocity: 19.5 km/sec				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						
<i>Proper motions are from SMOV program 11474, where this target is also observed</i>						
<i>ETC simulations of this target use Kurucz spectral type F8V, normalized to V=8.05, SNR=20 or better @ cenwave</i>						
<i>Exp 01: COS97721</i>						
<i>Exp 03: COS97722</i>						
<i>Exp 04: COS97723</i>						
<i>Exp 05: COS97724</i>						
<i>Exp 07: COS97725</i>						
<i>Exp 09: COS97726</i>						
<i>Exp 10: COS97727</i>						
<i>Exp 11: COS97728</i>						
<i>Exp 12: COS97729</i>						

Proposal 11900 - Visit 17 - NUV Internal/External Wavelength Scale Monitor

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	(4) HD-6655	COS/NUV, ACQ/SEARCH, PSA	G230L 2635 A	SCAN-SIZE=5; STEP-SIZE=1.767			1 Secs [==>]	[1]	
	2	(4) HD-6655	COS/NUV, ACQ/SEARCH, PSA	G230L 2635 A	SCAN-SIZE=2; STEP-SIZE=1.767			1 Secs [==>]	[1]	
	3	(4) HD-6655	COS/NUV, ACQ/PEAKXD, PSA	G230L 2635 A	STRIPE=MEDIUM			1 Secs [==>]	[1]	
	4	(4) HD-6655	COS/NUV, ACQ/PEAKD, PSA	G230L 2635 A	NUM-POS=9; STEP-SIZE=1			1 Secs [==>]	[1]	
	5	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2635 A	BUFFER-TIME=80; FP-POS=3			43 Secs [==>]	[1]	
	<i>Comments: BT=182 sec, set to 80.</i>									
	6	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2635 A	BUFFER-TIME=80; FP-POS=4			43 Secs [==>]	[1]	
	<i>Comments: BT=182 sec, set to 80.</i>									
	7	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=80; FP-POS=3			60 Secs [==>]	[1]	
	<i>Comments: BT=151 sec, set to 80.</i>									
	8	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=80; FP-POS=1			60 Secs [==>]	[1]	
	<i>Comments: BT=151 sec, set to 80.</i>									
9	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 3000 A	BUFFER-TIME=80; FP-POS=3			25 Secs [==>]	[1]		
<i>Comments: BT=153 sec, set to 80.</i>										
10	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 3360 A	BUFFER-TIME=80; FP-POS=3			80 Secs [==>]	[1]		
<i>Comments: BT=239 sec, set to 80.</i>										
11	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=90; FP-POS=3			90 Secs [==>]	[1]		
<i>Comments: BT=549 sec, set to 90.</i>										
12	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=10 8; FP-POS=3			100 Secs [==>]	[1]		
<i>Comments: BT=531 sec, set to 108</i>										



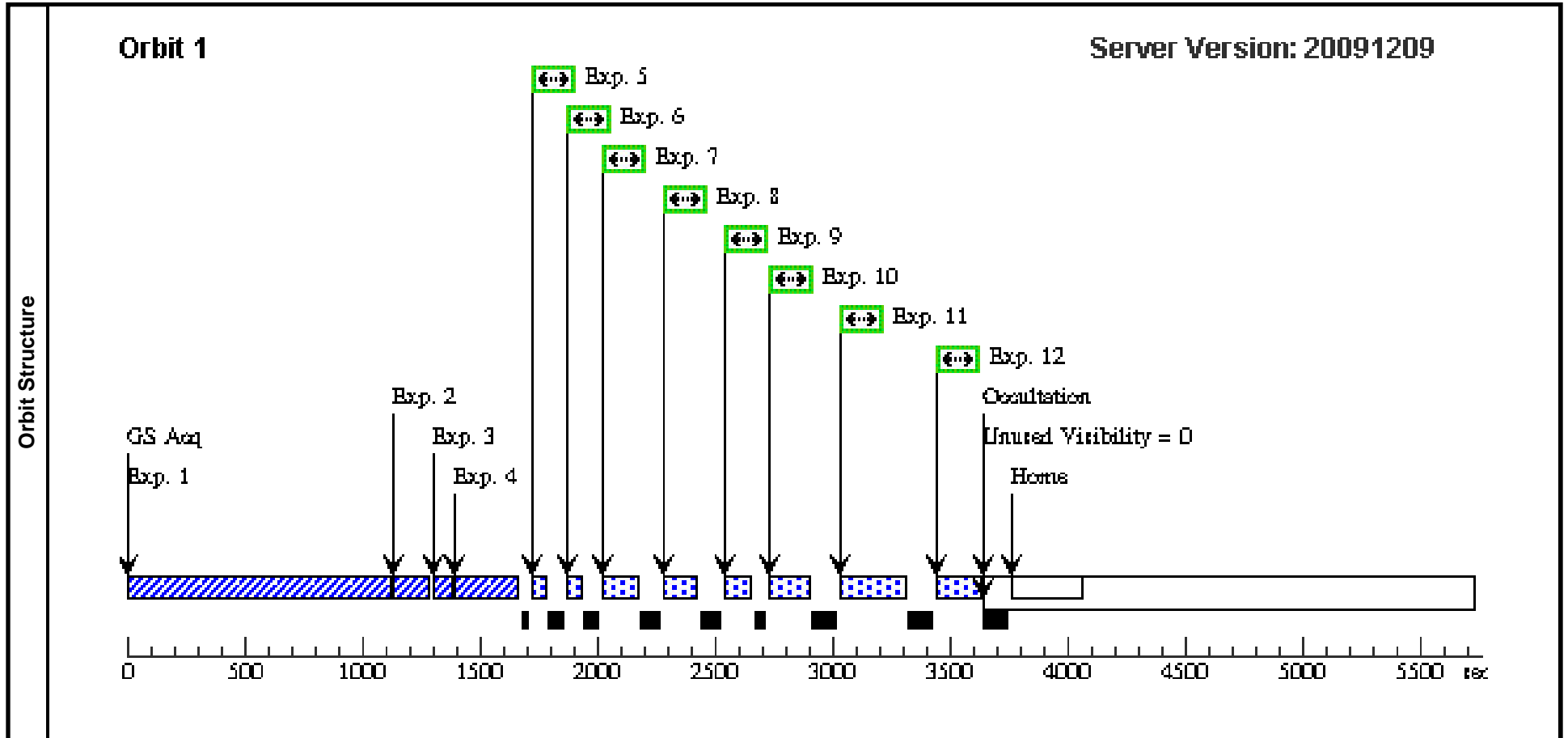
Proposal 11900 - Visit 18 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:41 GMT 2010

Visit	Proposal 11900, Visit 18, implementation					
	Diagnostic Status: No Diagnostics					
Scientific Instruments: COS/NUV						
Special Requirements: BETWEEN 01-AUG-2010:00:00:01 AND 17-AUG-2010:23:59:59						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	HD-6655	RA: 01 05 18.2073 (16.3258637d)	Proper Motion RA: 0.01101s/yr	V=8.05+/-0.05	Reference Frame: ICRS
			Dec: -72 33 14.47 (-72.55402d)	Proper Motion Dec: -0.118"/yr	B-V=0.51	
			Equinox: J2000	Epoch of Position: 2000		
				Radial Velocity: 19.5 km/sec		
		<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>				
		<i>Proper motions are from SMOV program 11474, where this target is also observed</i>				
		<i>ETC simulations of this target use Kurucz spectral type F8V, normalized to V=8.05, SNR=20 or better @ cenwave</i>				
		<i>Exp 01: COS97721</i>				
		<i>Exp 03: COS97722</i>				
	<i>Exp 04: COS97723</i>					
	<i>Exp 05: COS97724</i>					
	<i>Exp 07: COS97725</i>					
	<i>Exp 09: COS97726</i>					
	<i>Exp 10: COS97727</i>					
	<i>Exp 11: COS97728</i>					
	<i>Exp 12: COS97729</i>					

Proposal 11900 - Visit 18 - NUV Internal/External Wavelength Scale Monitor

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	(4) HD-6655	COS/NUV, ACQ/SEARCH, PSA	G230L 2635 A	SCAN-SIZE=5; STEP-SIZE=1.767			1 Secs [==>]	[1]	
	2	(4) HD-6655	COS/NUV, ACQ/SEARCH, PSA	G230L 2635 A	SCAN-SIZE=2; STEP-SIZE=1.767			1 Secs [==>]	[1]	
	3	(4) HD-6655	COS/NUV, ACQ/PEAKXD, PSA	G230L 2635 A	STRIFE=MEDIUM			1 Secs [==>]	[1]	
	4	(4) HD-6655	COS/NUV, ACQ/PEAKD, PSA	G230L 2635 A	NUM-POS=9; STEP-SIZE=1			1 Secs [==>]	[1]	
	5	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2635 A	BUFFER-TIME=80; FP-POS=3			43 Secs [==>]	[1]	
	<i>Comments: BT=182 sec, set to 80.</i>									
	6	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2635 A	BUFFER-TIME=80; FP-POS=4			43 Secs [==>]	[1]	
	<i>Comments: BT=182 sec, set to 80.</i>									
	7	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=80; FP-POS=3			60 Secs [==>]	[1]	
	<i>Comments: BT=151 sec, set to 80.</i>									
	8	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=80; FP-POS=1			60 Secs [==>]	[1]	
	<i>Comments: BT=151 sec, set to 80.</i>									
9	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 3000 A	BUFFER-TIME=80; FP-POS=3			25 Secs [==>]	[1]		
<i>Comments: BT=153 sec, set to 80.</i>										
10	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 3360 A	BUFFER-TIME=80; FP-POS=3			80 Secs [==>]	[1]		
<i>Comments: BT=239 sec, set to 80.</i>										
11	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=90; FP-POS=3			90 Secs [==>]	[1]		
<i>Comments: BT=549 sec, set to 90.</i>										
12	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=10 8; FP-POS=3			100 Secs [==>]	[1]		
<i>Comments: BT=531 sec, set to 108</i>										



Proposal 11900 - Visit 19 - NUV Internal/External Wavelength Scale Monitor

Wed Jan 27 02:11:41 GMT 2010

Visit	Proposal 11900, Visit 19, implementation Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV Special Requirements: BETWEEN 20-SEP-2010:00:00:01 AND 12-OCT-2010:23:59:59					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	HD-6655	RA: 01 05 18.2073 (16.3258637d) Dec: -72 33 14.47 (-72.55402d) Equinox: J2000	Proper Motion RA: 0.01101s/yr Proper Motion Dec: -0.118"/yr Epoch of Position: 2000 Radial Velocity: 19.5 km/sec	V=8.05+/-0.05 B-V=0.51	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Proper motions are from SMOV program 11474, where this target is also observed</i>					
	<i>ETC simulations of this target use Kurucz spectral type F8V, normalized to V=8.05, SNR=20 or better @ cenwave</i>					
	<i>Exp 01: COS97721</i>					
	<i>Exp 03: COS97722</i>					
	<i>Exp 04: COS97723</i>					
	<i>Exp 05: COS97724</i>					
	<i>Exp 07: COS97725</i>					
	<i>Exp 09: COS97726</i>					
	<i>Exp 10: COS97727</i>					
	<i>Exp 11: COS97728</i>					
	<i>Exp 12: COS97729</i>					

Proposal 11900 - Visit 19 - NUV Internal/External Wavelength Scale Monitor

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	(4) HD-6655	COS/NUV, ACQ/SEARCH, PSA	G230L 2635 A	SCAN-SIZE=5; STEP-SIZE=1.767			1 Secs [==>]	[1]	
	2	(4) HD-6655	COS/NUV, ACQ/SEARCH, PSA	G230L 2635 A	SCAN-SIZE=2; STEP-SIZE=1.767			1 Secs [==>]	[1]	
	3	(4) HD-6655	COS/NUV, ACQ/PEAKXD, PSA	G230L 2635 A	STRIFE=MEDIUM			1 Secs [==>]	[1]	
	4	(4) HD-6655	COS/NUV, ACQ/PEAKD, PSA	G230L 2635 A	NUM-POS=9; STEP-SIZE=1			1 Secs [==>]	[1]	
	5	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2635 A	BUFFER-TIME=80; FP-POS=3			43 Secs [==>]	[1]	
	<i>Comments: BT=182 sec, set to 80.</i>									
	6	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2635 A	BUFFER-TIME=80; FP-POS=4			43 Secs [==>]	[1]	
	<i>Comments: BT=182 sec, set to 80.</i>									
	7	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=80; FP-POS=3			60 Secs [==>]	[1]	
	<i>Comments: BT=151 sec, set to 80.</i>									
	8	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=80; FP-POS=1			60 Secs [==>]	[1]	
	<i>Comments: BT=151 sec, set to 80.</i>									
9	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 3000 A	BUFFER-TIME=80; FP-POS=3			25 Secs [==>]	[1]		
<i>Comments: BT=153 sec, set to 80.</i>										
10	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G230L 3360 A	BUFFER-TIME=80; FP-POS=3			80 Secs [==>]	[1]		
<i>Comments: BT=239 sec, set to 80.</i>										
11	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G285M 2676 A	BUFFER-TIME=90; FP-POS=3			90 Secs [==>]	[1]		
<i>Comments: BT=549 sec, set to 90.</i>										
12	(4) HD-6655	COS/NUV, TIME-TAG, PSA	G285M 2695 A	BUFFER-TIME=10 8; FP-POS=3			100 Secs [==>]	[1]		
<i>Comments: BT=531 sec, set to 108</i>										

