



11148 - High Contrast Imaging of Dusty White Dwarfs

Cycle: 16, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. John Henry Debes (PI)	Carnegie Institution of Washington	debes@dtm.ciw.edu
Mr. Fergal Mullally (CoI)	University of Texas at Austin	fergal@astro.as.utexas.edu
Dr. Marc J. Kuchner (CoI)	Princeton University	mkuchner@Princeton.edu
Prof. Steinn Sigurdsson (CoI)	The Pennsylvania State University	steinn@astro.psu.edu
Dr. Jian-Yang Li (CoI)	University of Maryland	jyli@astro.umd.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>
01	(1) GD362	NIC2	1	22-Dec-2010 21:01:58.0	yes
02	(1) GD362	NIC2	1	22-Dec-2010 21:02:07.0	yes
03	(1) GD362	NIC2	1	22-Dec-2010 21:02:12.0	yes
04	(2) GD56	WFC3/IR	1	22-Dec-2010 21:02:17.0	yes
05	(2) GD56	WFC3/IR	1	22-Dec-2010 21:02:21.0	yes
07	(3) WD2115-560	NIC2	1	22-Dec-2010 21:02:26.0	yes
08	(3) WD2115-560	NIC2	1	22-Dec-2010 21:02:32.0	yes
09	(3) WD2115-560	NIC2	1	22-Dec-2010 21:02:36.0	yes
10	(4) GD133	WFC3/IR	1	22-Dec-2010 21:02:40.0	yes
11	(4) GD133	WFC3/IR	1	22-Dec-2010 21:02:45.0	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>
13	(5) G167-8	NIC2	1	22-Dec-2010 21:02:49.0	yes
14	(5) G167-8	NIC2	1	22-Dec-2010 21:02:55.0	yes
15	(5) G167-8	NIC2	1	22-Dec-2010 21:03:01.0	yes
16	(6) SDSSJ122859.93+104033	NIC2	1	22-Dec-2010 21:03:06.0	yes
17	(6) SDSSJ122859.93+104033	NIC2	1	22-Dec-2010 21:03:12.0	yes
18	(6) SDSSJ122859.93+104033	NIC2	1	22-Dec-2010 21:03:20.0	yes

16 Total Orbits Used

ABSTRACT

For the past 18 years, only one white dwarf with a circumstellar dust disk was known to exist. In the last two years, six new disks have been discovered. Since all material inwards of a few AU should be scoured clean during post main sequence evolution, the primary explanation is the presence of a planetary system that is perturbing relic planetesimals into the tidal disruption radius of the white dwarf. Dusty disks around white dwarfs should be markers for planets and we propose to use high contrast imaging to search for faint companions down to $6 M_{\text{J}}$ that may be feeding the disks. White dwarfs are uniquely suited for planet searches, where the planet/white dwarf contrast is less than for main sequence stars.

OBSERVING DESCRIPTION

We propose to observe 5 white dwarfs with the NICMOS coronagraph and 1 white dwarf with direct imaging over three orbits per target at different space craft orientations. We will be using the F110W filter. Where possible we have used the F160W filter for acquisition images; for our fainter targets we use the F110W filter. In addition to coronagraphy, we will be taking short images of SDSSJ122859.93+104033 in the F205W filter.

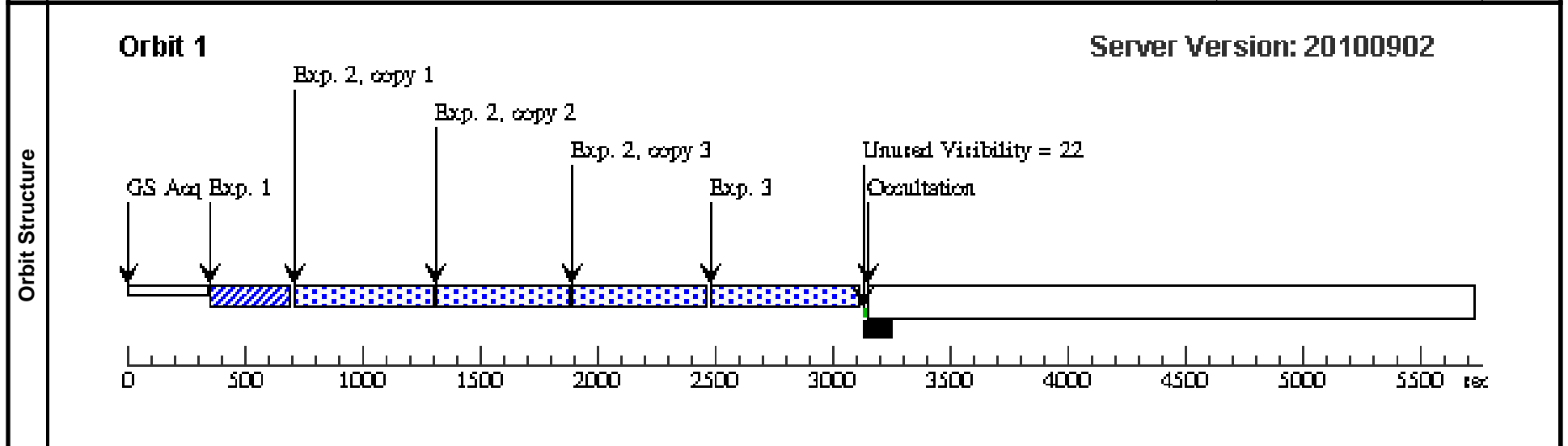
Proposal 11148 - Visit 01 High Contrast Imaging of Dusty White Dwarfs

Thu Dec 23 02:03:29 GMT 2010

Visit	Proposal 11148, Visit 01, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: NIC2				
	Special Requirements: SEQ 01,02,03 WITHIN 2.3 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	GD362	RA: 17 31 34.3300 (262.8930417d) Dec: +37 05 20.90 (37.08914d) Equinox: J2000	Proper Motion RA: 0.00217sec of time/yr Proper Motion Dec: -0.218arcsec/yr Epoch of Position: 2000.0	V=15.7+/-0.1 H=16.07	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(1) GD362	(1) GD362	NIC2, ACQ, NIC2-ACQ	F110W		GS ACQ SCENARI O BASE1TNS		97.0 Secs [==>]	[1]
	2	(1) GD362	(1) GD362	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=17; SAMP-SEQ=STEP6 4			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]
	3	(1) GD362	(1) GD362	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=18; SAMP-SEQ=STEP6 4			[==>]	[1]



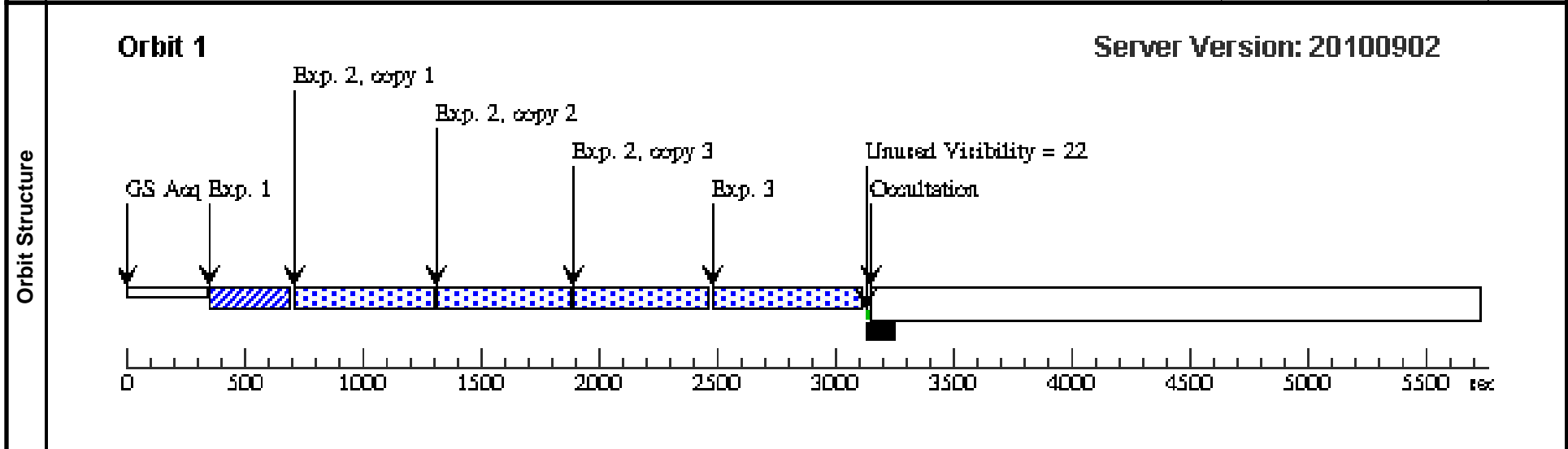
Proposal 11148 - Visit 02 High Contrast Imaging of Dusty White Dwarfs

Thu Dec 23 02:03:30 GMT 2010

Visit	Proposal 11148, Visit 02, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: NIC2				
	Special Requirements: ORIENT 10.0D TO 15.0D FROM 01				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	GD362	RA: 17 31 34.3300 (262.8930417d) Dec: +37 05 20.90 (37.08914d) Equinox: J2000	Proper Motion RA: 0.00217sec of time/yr Proper Motion Dec: -0.218arcsec/yr Epoch of Position: 2000.0	V=15.7+/-0.1 H=16.07	Reference Frame: ICRS

Exposures	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) GD362	NIC2, ACQ, NIC2-ACQ	F110W		GS ACQ SCENARI O BASE1TNS		97.0 Secs [==>]	[1]
	2		(1) GD362	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=17; SAMP-SEQ=STEP6 4			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]
	3		(1) GD362	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=18; SAMP-SEQ=STEP6 4			[==>]	[1]



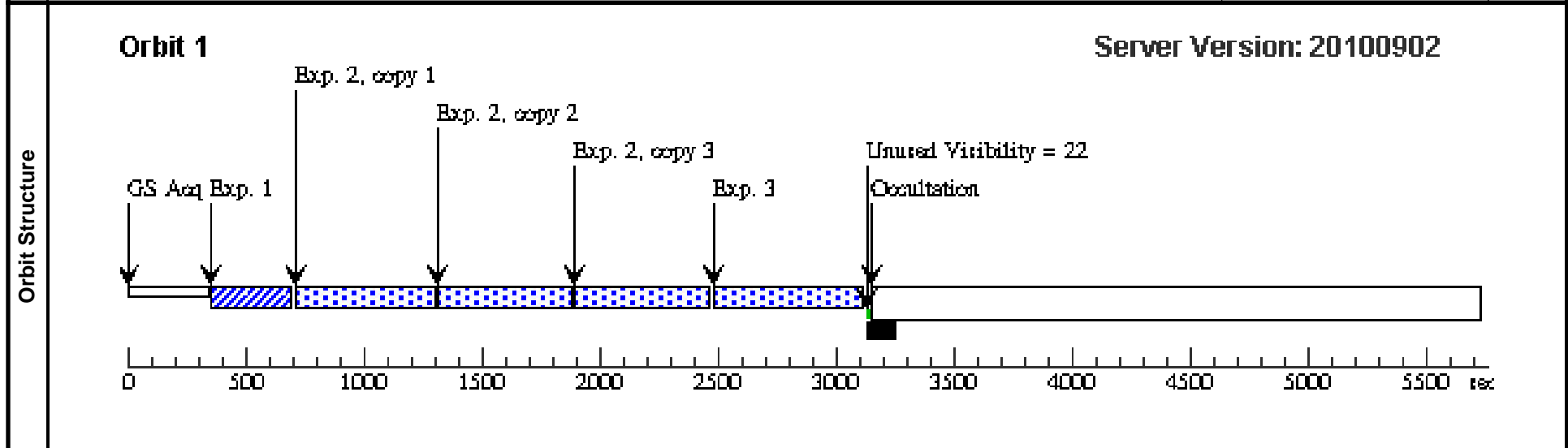
Proposal 11148 - Visit 03 High Contrast Imaging of Dusty White Dwarfs

Thu Dec 23 02:03:31 GMT 2010

Visit	Proposal 11148, Visit 03, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: NIC2				
	Special Requirements: ORIENT 20.0D TO 30.0D FROM 01				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	GD362	RA: 17 31 34.3300 (262.8930417d) Dec: +37 05 20.90 (37.08914d) Equinox: J2000	Proper Motion RA: 0.00217sec of time/yr Proper Motion Dec: -0.218arcsec/yr Epoch of Position: 2000.0	V=15.7+/-0.1 H=16.07	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) GD362	NIC2, ACQ, NIC2-ACQ	F110W		GS ACQ SCENARI O BASE1TNS		97.0 Secs [==>]	[1]
	2		(1) GD362	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=17; SAMP-SEQ=STEP6 4			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]
	3		(1) GD362	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=18; SAMP-SEQ=STEP6 4			[==>]	[1]

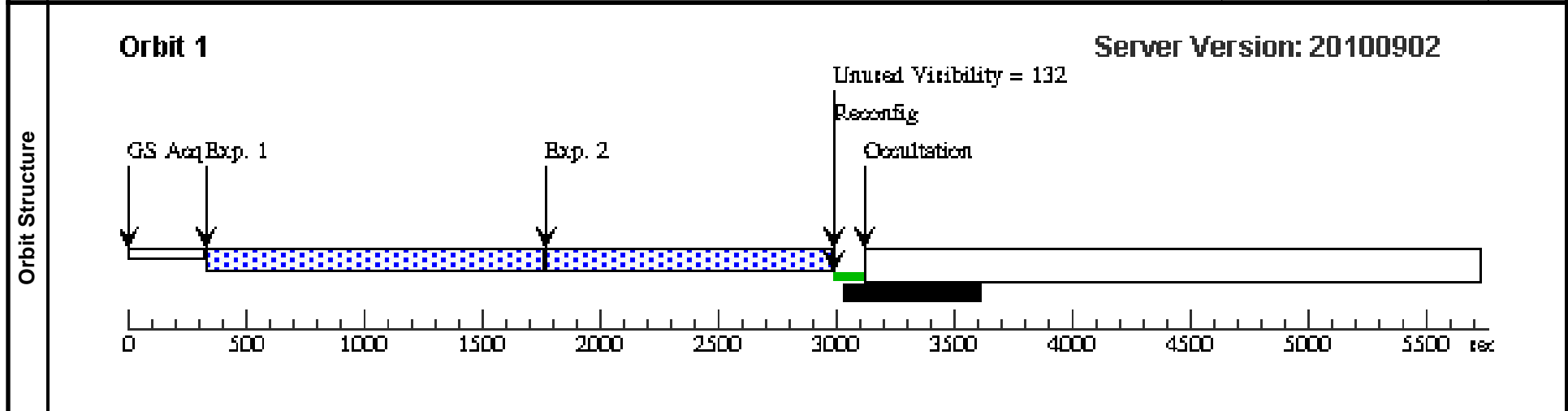


Visit	Proposal 11148, Visit 04, completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: GYRO MODE 3GOBAD; SEQ 04.05 WITHIN 1.4 Orbits
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Diagnostics	(Visit 04) Warning (Form): Gyro Mode overrides default value of 2G.
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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>GD56</td> <td>RA: 04 11 2.1600 (62.7590000d) Dec: -03 58 22.50 (-3.97292d) Equinox: J2000</td> <td>Proper Motion RA: 0.00267sec of time/yr Proper Motion Dec: -0.125arcsec/yr Epoch of Position: 2000.0</td> <td>V=15.5+/-0.1 H=15.7</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	GD56	RA: 04 11 2.1600 (62.7590000d) Dec: -03 58 22.50 (-3.97292d) Equinox: J2000	Proper Motion RA: 0.00267sec of time/yr Proper Motion Dec: -0.125arcsec/yr Epoch of Position: 2000.0	V=15.5+/-0.1 H=15.7	Reference Frame: ICRS
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(2)	GD56	RA: 04 11 2.1600 (62.7590000d) Dec: -03 58 22.50 (-3.97292d) Equinox: J2000	Proper Motion RA: 0.00267sec of time/yr Proper Motion Dec: -0.125arcsec/yr Epoch of Position: 2000.0	V=15.5+/-0.1 H=15.7	Reference Frame: ICRS								

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) GD56	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP2 00			[==>]	[1]
2		(2) GD56	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=13; SAMP-SEQ=STEP2 00				[==>]	[1]



Proposal 11148 - Visit 05 High Contrast Imaging of Dusty White Dwarfs

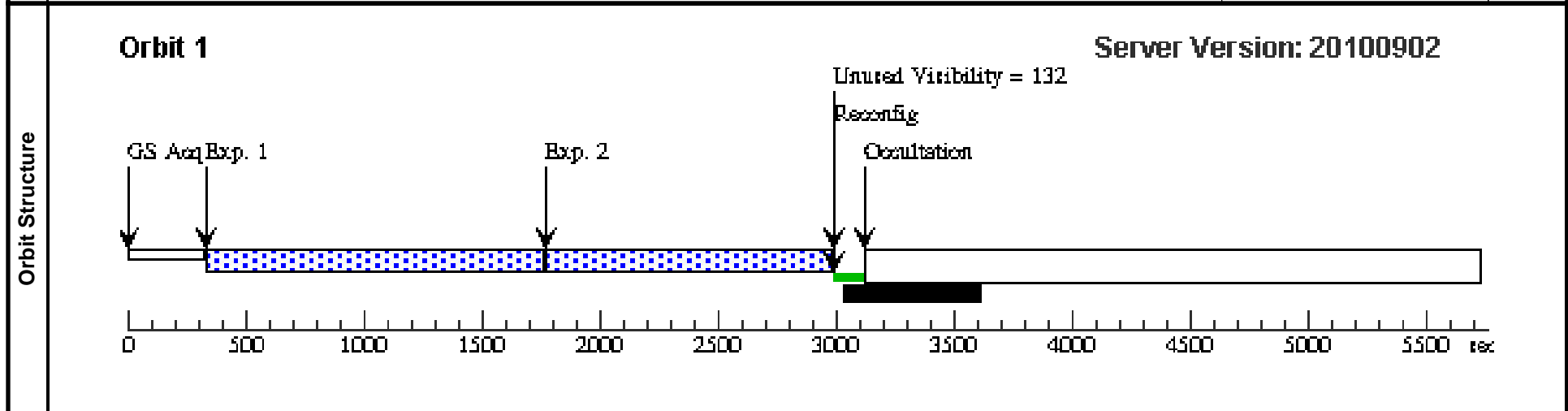
Thu Dec 23 02:03:33 GMT 2010

Visit	Proposal 11148, Visit 05, completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: GYRO MODE 3GOBAD; ORIENT 20D TO 30.0D FROM 04
	(Visit 05) Warning (Form): Gyro Mode overrides default value of 2G.

Diagnosics	(Visit 05) Warning (Form): Gyro Mode overrides default value of 2G.

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	GD56	RA: 04 11 2.1600 (62.7590000d) Dec: -03 58 22.50 (-3.97292d) Equinox: J2000	Proper Motion RA: 0.00267sec of time/yr Proper Motion Dec: -0.125arcsec/yr Epoch of Position: 2000.0	V=15.5+/-0.1 H=15.7	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) GD56	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP2 00			[==>]	[1]
2		(2) GD56	WFC3/IR, MULTIACCUM, IR	F110W	F110W	NSAMP=13; SAMP-SEQ=STEP2 00			[==>]	[1]



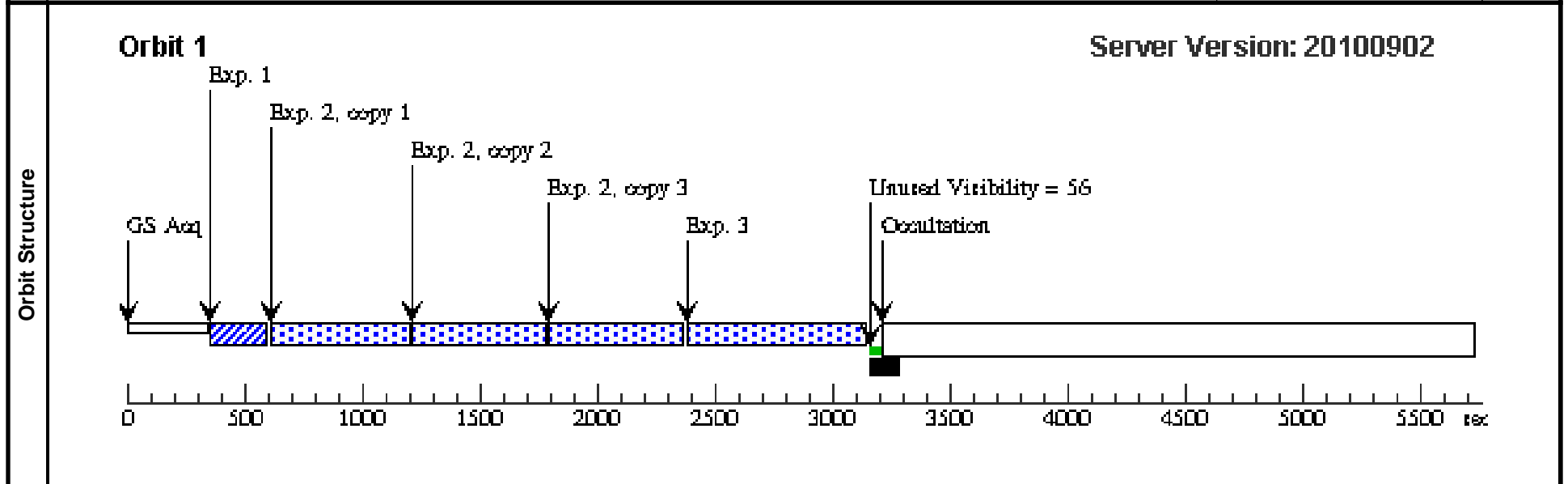
Proposal 11148 - Visit 07 High Contrast Imaging of Dusty White Dwarfs

Thu Dec 23 02:03:33 GMT 2010

Visit	Proposal 11148, Visit 07, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: NIC2				
	Special Requirements: SEQ 07,08,09 WITHIN 2.3 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	WD2115-560	RA: 21 19 36.5200 (319.9021667d) Dec: -55 50 14.50 (-55.83736d) Equinox: J2000	Proper Motion RA: 0.04986sec of time/yr Proper Motion Dec: -0.2arcsec/yr Epoch of Position: 2000.0	V=14.3+/-0.1 H=14	Reference Frame: ICRS

Exposures	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) WD2115-560	NIC2, ACQ, NIC2-ACQ	F160W		GS ACQ SCENARI O BASE1TNS		50.0 Secs [==>]	[1]
	2		(3) WD2115-560	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=17; SAMP-SEQ=STEP6 4			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]
	3		(3) WD2115-560	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=20; SAMP-SEQ=STEP6 4			[==>]	[1]



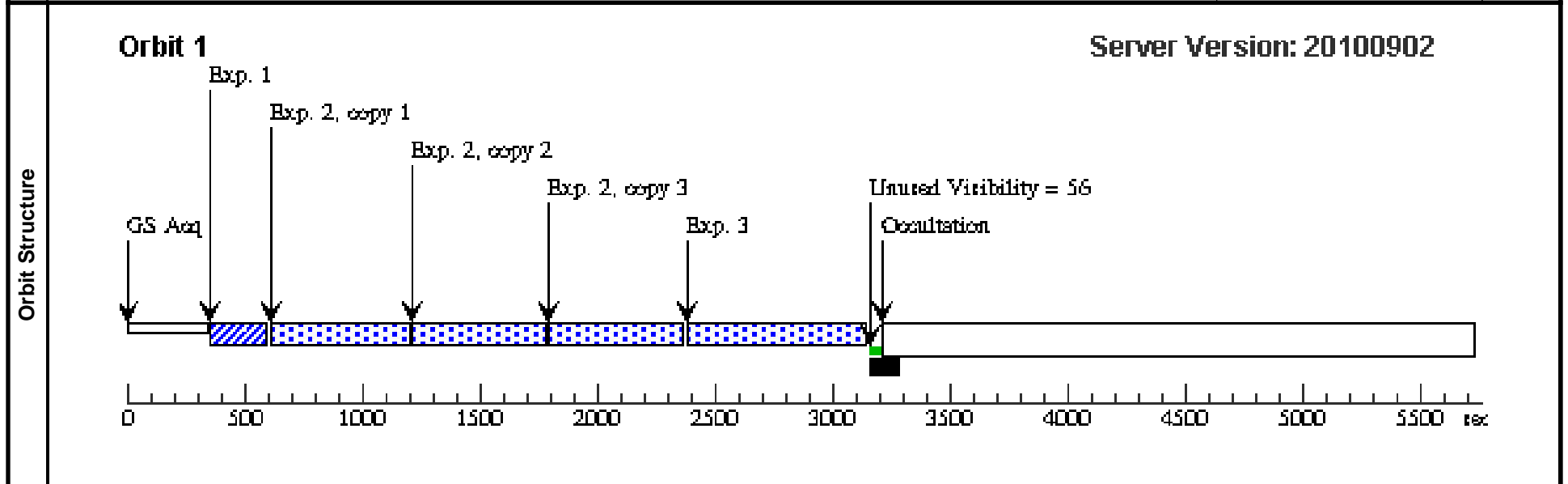
Proposal 11148 - Visit 08 High Contrast Imaging of Dusty White Dwarfs

Thu Dec 23 02:03:35 GMT 2010

Visit	Proposal 11148, Visit 08, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: NIC2				
	Special Requirements: ORIENT 10.0D TO 15.0D FROM 07				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	WD2115-560	RA: 21 19 36.5200 (319.9021667d) Dec: -55 50 14.50 (-55.83736d) Equinox: J2000	Proper Motion RA: 0.04986sec of time/yr Proper Motion Dec: -0.2arcsec/yr Epoch of Position: 2000.0	V=14.3+/-0.1 H=14	Reference Frame: ICRS

Exposures	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) WD2115-560	NIC2, ACQ, NIC2-ACQ	F160W		GS ACQ SCENARI O BASE1TNS		50.0 Secs [==>]	[1]
	2		(3) WD2115-560	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=17; SAMP-SEQ=STEP6 4			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]
	3		(3) WD2115-560	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=20; SAMP-SEQ=STEP6 4			[==>]	[1]



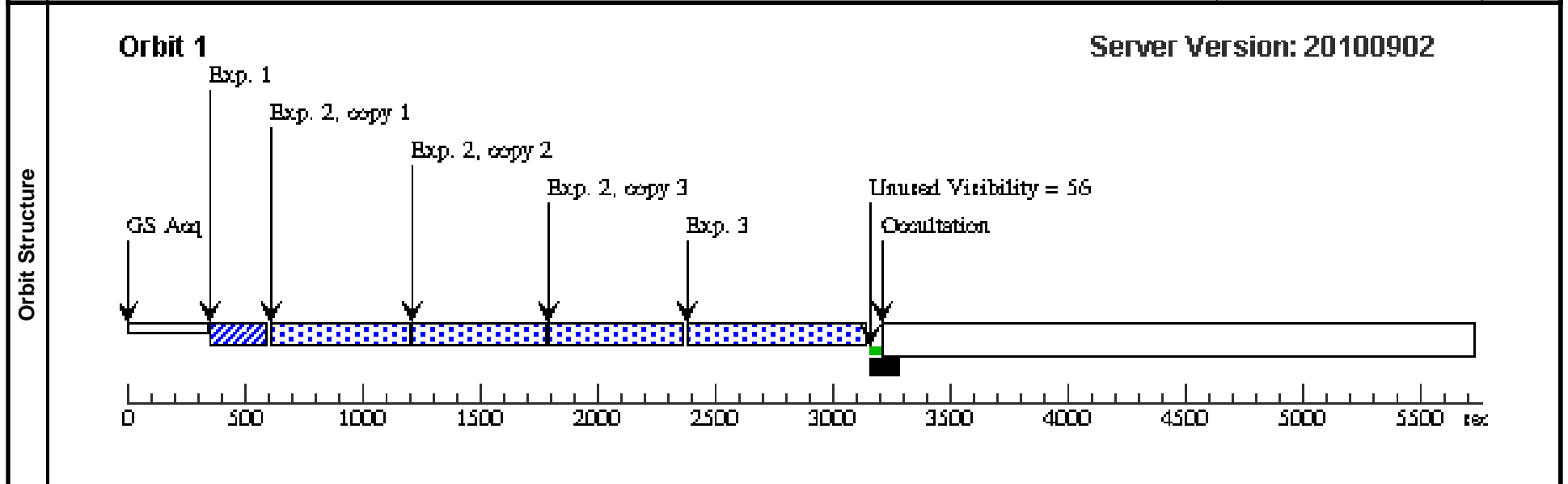
Proposal 11148 - Visit 09 High Contrast Imaging of Dusty White Dwarfs

Thu Dec 23 02:03:35 GMT 2010

Visit	Proposal 11148, Visit 09, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: NIC2				
	Special Requirements: ORIENT 20.0D TO 30.0D FROM 07				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	WD2115-560	RA: 21 19 36.5200 (319.9021667d) Dec: -55 50 14.50 (-55.83736d) Equinox: J2000	Proper Motion RA: 0.04986sec of time/yr Proper Motion Dec: -0.2arcsec/yr Epoch of Position: 2000.0	V=14.3+/-0.1 H=14	Reference Frame: ICRS

Exposures	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) WD2115-560	NIC2, ACQ, NIC2-ACQ	F160W		GS ACQ SCENARI O BASE1TNS		50.0 Secs [==>]	[1]
	2		(3) WD2115-560	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=17; SAMP-SEQ=STEP6 4			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]
	3		(3) WD2115-560	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=20; SAMP-SEQ=STEP6 4			[==>]	[1]



Proposal 11148 - Visit 10 High Contrast Imaging of Dusty White Dwarfs

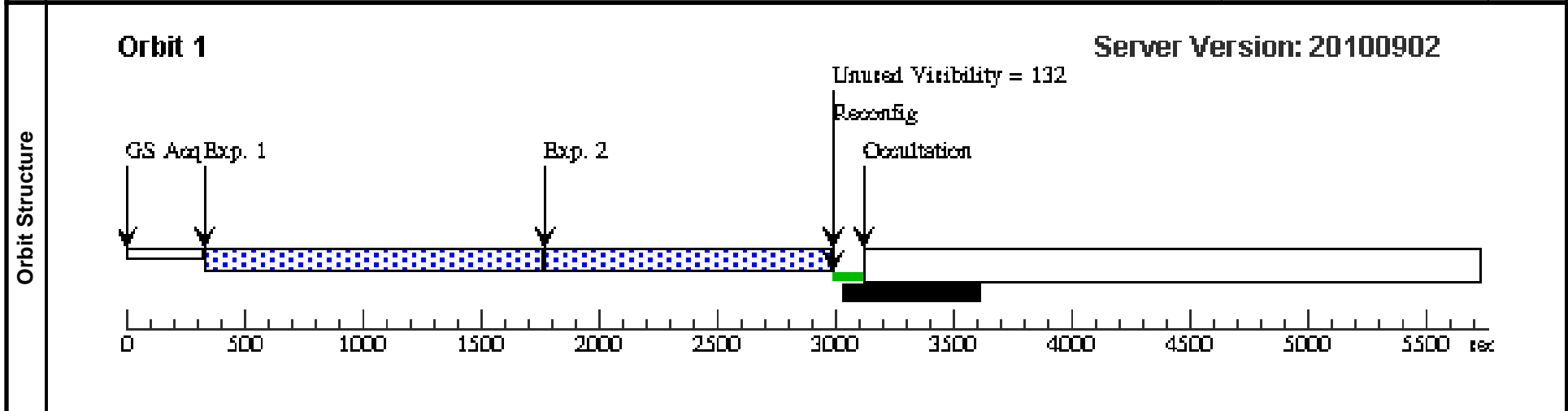
Thu Dec 23 02:03:36 GMT 2010

Visit	Proposal 11148, Visit 10, completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: GYRO MODE 3GOBAD; SEQ 10,11 WITHIN 1.4 Orbits
	(Visit 10) Warning (Form): Gyro Mode overrides default value of 2G.

Diagnosics	(Visit 10) Warning (Form): Gyro Mode overrides default value of 2G.

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	GD133	RA: 11 19 12.4000 (169.8016667d) Dec: +02 20 33.00 (2.34250d) Equinox: J2000	Proper Motion RA: -0.00614sec of time/yr Proper Motion Dec: -0.03arcsec/yr Epoch of Position: 2000.0	V=14.2+/-0.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) GD133	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP2 00			[==>]	[1]
2		(4) GD133	WFC3/IR, MULTIACCUM, IR	F110W	F110W	NSAMP=13; SAMP-SEQ=STEP2 00			[==>]	[1]



Proposal 11148 - Visit 11 High Contrast Imaging of Dusty White Dwarfs

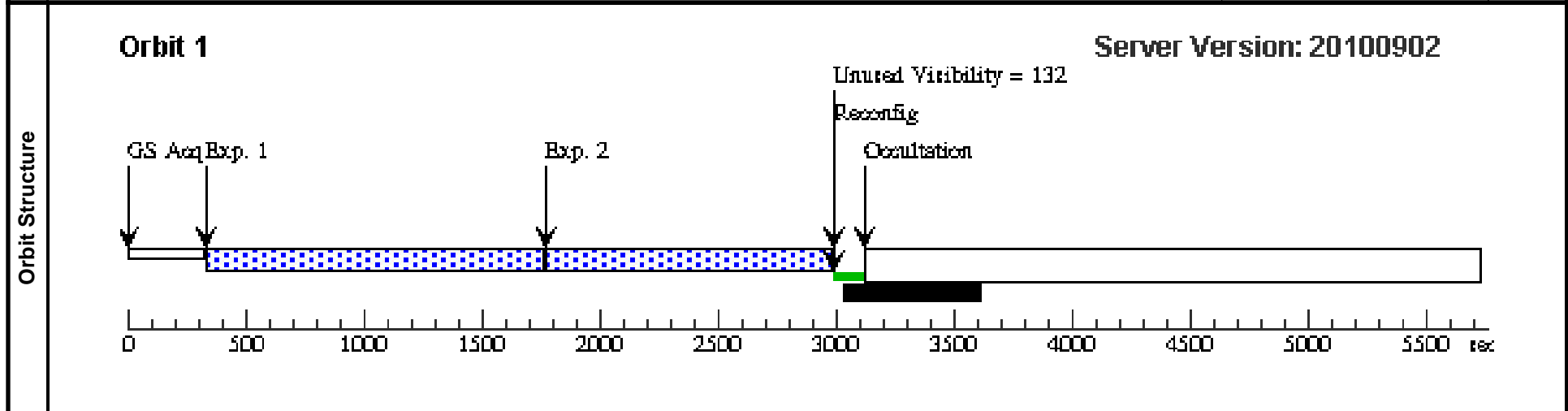
Thu Dec 23 02:03:37 GMT 2010

Visit	Proposal 11148, Visit 11, completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: GYRO MODE 3GOBAD; ORIENT 20.0D TO 30.0D FROM 10
	(Visit 11) Warning (Form): Gyro Mode overrides default value of 2G.

Diagnostics	(Visit 11) Warning (Form): Gyro Mode overrides default value of 2G.

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	GD133	RA: 11 19 12.4000 (169.8016667d) Dec: +02 20 33.00 (2.34250d) Equinox: J2000	Proper Motion RA: -0.00614sec of time/yr Proper Motion Dec: -0.03arcsec/yr Epoch of Position: 2000.0	V=14.2+/-0.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) GD133	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP2 00			[==>]	[1]
2		(4) GD133	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=13; SAMP-SEQ=STEP2 00				[==>]	[1]



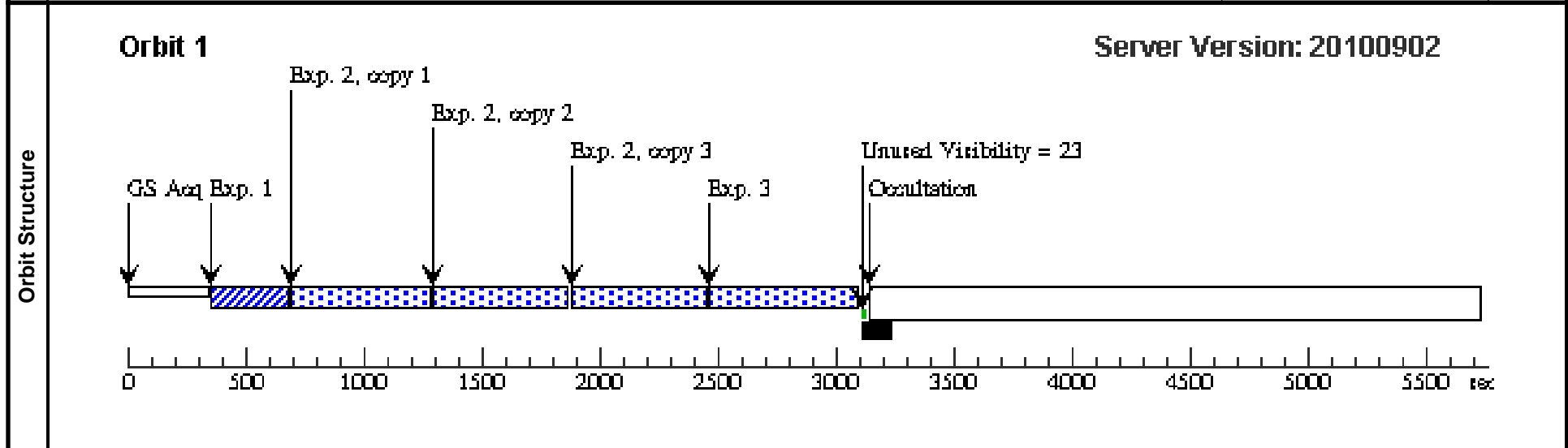
Proposal 11148 - Visit 13 High Contrast Imaging of Dusty White Dwarfs

Thu Dec 23 02:03:37 GMT 2010

Visit	Proposal 11148, Visit 13, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: NIC2				
	Special Requirements: SEQ 13,14,15 WITHIN 2.3 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	G167-8	RA: 14 58 6.4800 (224.5270000d) Dec: +29 37 29.80 (29.62494d) Equinox: J2000	Proper Motion RA: 0.0115sec of time/yr Proper Motion Dec: -0.584arcsec/yr Epoch of Position: 2000.0	V=15.6+/-0.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(5) G167-8	(5) G167-8	NIC2, ACQ, NIC2-ACQ	F160W		GS ACQ SCENARI O BASE1TNS		93.0 Secs [==>]	[1]
	2	(5) G167-8	(5) G167-8	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=17; SAMP-SEQ=STEP6 4			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]
	3	(5) G167-8	(5) G167-8	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=18; SAMP-SEQ=STEP6 4			[==>]	[1]



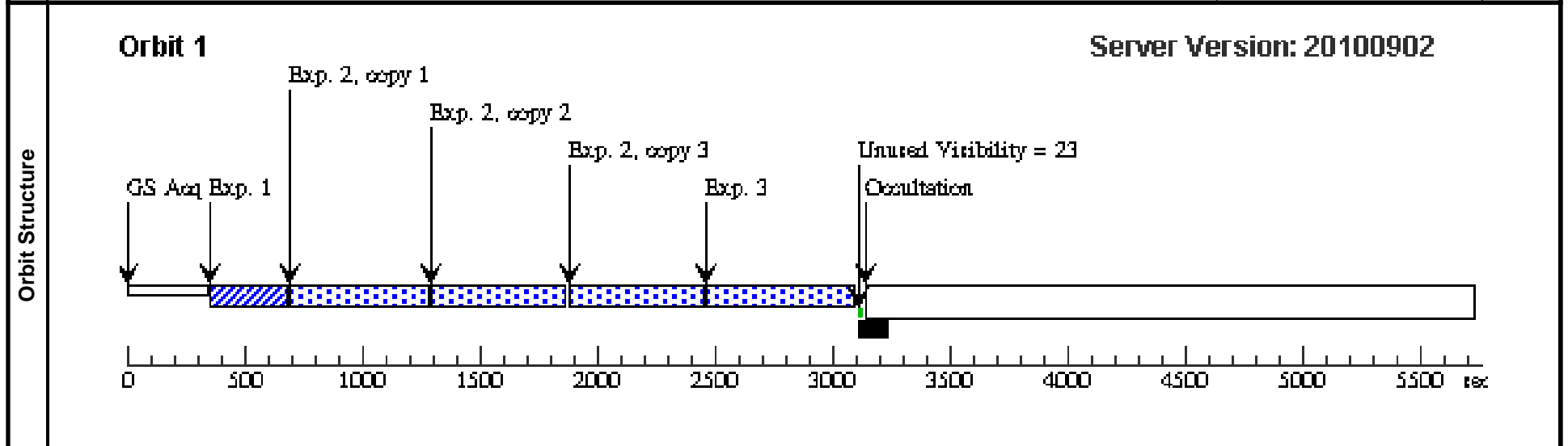
Proposal 11148 - Visit 14 High Contrast Imaging of Dusty White Dwarfs

Thu Dec 23 02:03:37 GMT 2010

Visit	Proposal 11148, Visit 14, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: NIC2				
	Special Requirements: ORIENT 10.0D TO 15.0D FROM 13				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	G167-8	RA: 14 58 6.4800 (224.5270000d) Dec: +29 37 29.80 (29.62494d) Equinox: J2000	Proper Motion RA: 0.0115sec of time/yr Proper Motion Dec: -0.584arcsec/yr Epoch of Position: 2000.0	V=15.6+/-0.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(5) G167-8	(5) G167-8	NIC2, ACQ, NIC2-ACQ	F160W		GS ACQ SCENARI O BASE1TNS		93.0 Secs [==>]	[1]
	2	(5) G167-8	(5) G167-8	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=17; SAMP-SEQ=STEP6 4			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]
	3	(5) G167-8	(5) G167-8	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=18; SAMP-SEQ=STEP6 4			[==>]	[1]



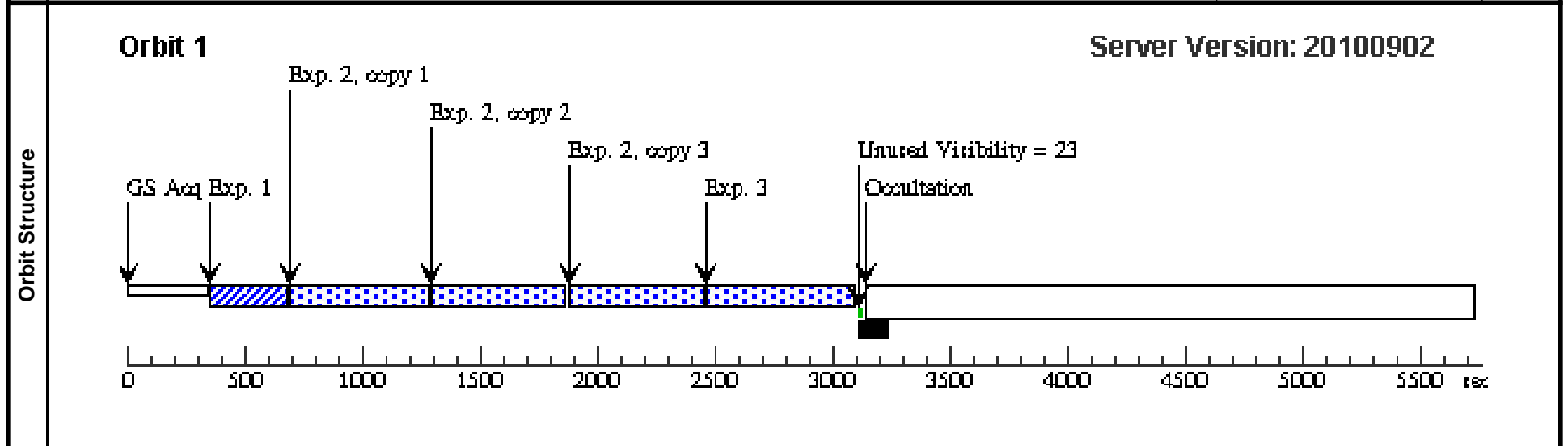
Proposal 11148 - Visit 15 High Contrast Imaging of Dusty White Dwarfs

Thu Dec 23 02:03:38 GMT 2010

Visit	Proposal 11148, Visit 15, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: NIC2				
	Special Requirements: ORIENT 20.0D TO 30.0D FROM 13				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	G167-8	RA: 14 58 6.4800 (224.5270000d) Dec: +29 37 29.80 (29.62494d) Equinox: J2000	Proper Motion RA: 0.0115sec of time/yr Proper Motion Dec: -0.584arcsec/yr Epoch of Position: 2000.0	V=15.6+/-0.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(5) G167-8	(5) G167-8	NIC2, ACQ, NIC2-ACQ	F160W		GS ACQ SCENARI O BASE1TNS		93.0 Secs [==>]	[1]
	2	(5) G167-8	(5) G167-8	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=17; SAMP-SEQ=STEP6 4			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]
	3	(5) G167-8	(5) G167-8	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=18; SAMP-SEQ=STEP6 4			[==>]	[1]



Proposal 11148 - Visit 16 High Contrast Imaging of Dusty White Dwarfs

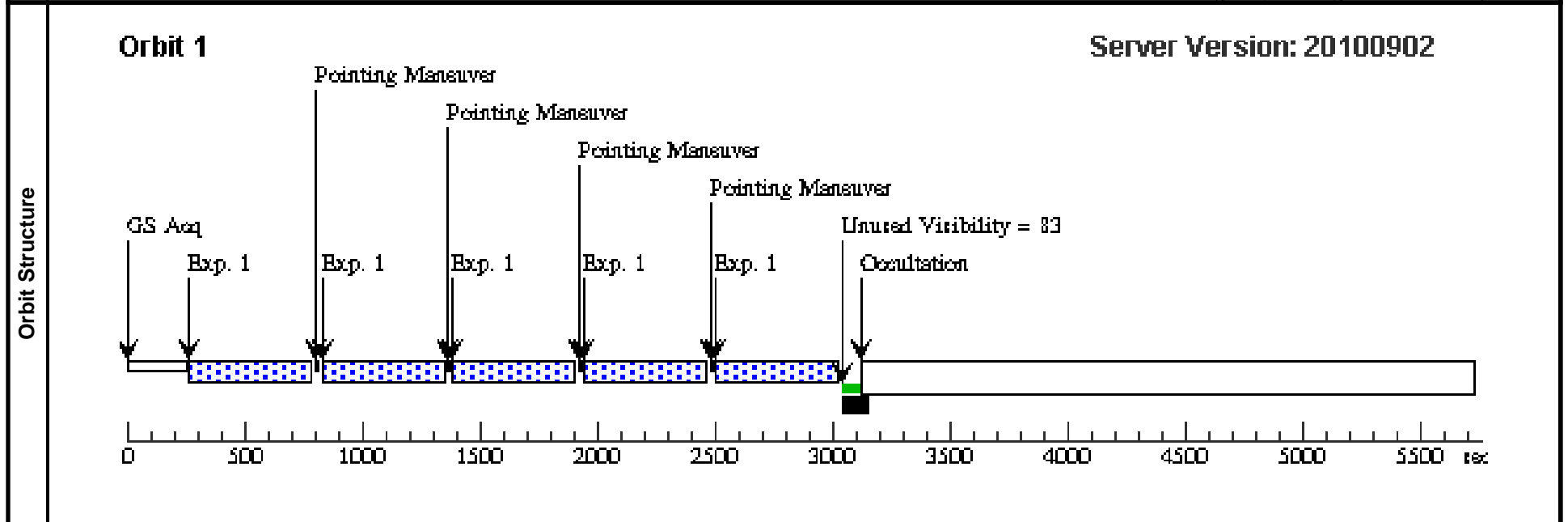
Thu Dec 23 02:03:38 GMT 2010

Visit	Proposal 11148, Visit 16, completed Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: SEQ 16,17,18 WITHIN 2.3 Orbits		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=5 Point Spacing=2.0 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	SDSSJ122859.93+104033	RA: 12 28 59.9300 (187.2497083d) Dec: +10 40 32.90 (10.67581d) Equinox: J2000	Proper Motion RA: -0.00298sec of time/yr Proper Motion Dec: -0.018arcsec/yr Epoch of Position: 2000.0	V=16.8+/-0.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(6) SDSSJ122859.93+104033	NIC2, MULTIACCUM, NIC2	F110W	NSAMP=13; SAMP-SEQ=STEP1 28	GS ACQ SCENARI ONEBITNS	Pattern 1, Exps 1-1 i n Visit 16 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



Proposal 11148 - Visit 17 High Contrast Imaging of Dusty White Dwarfs

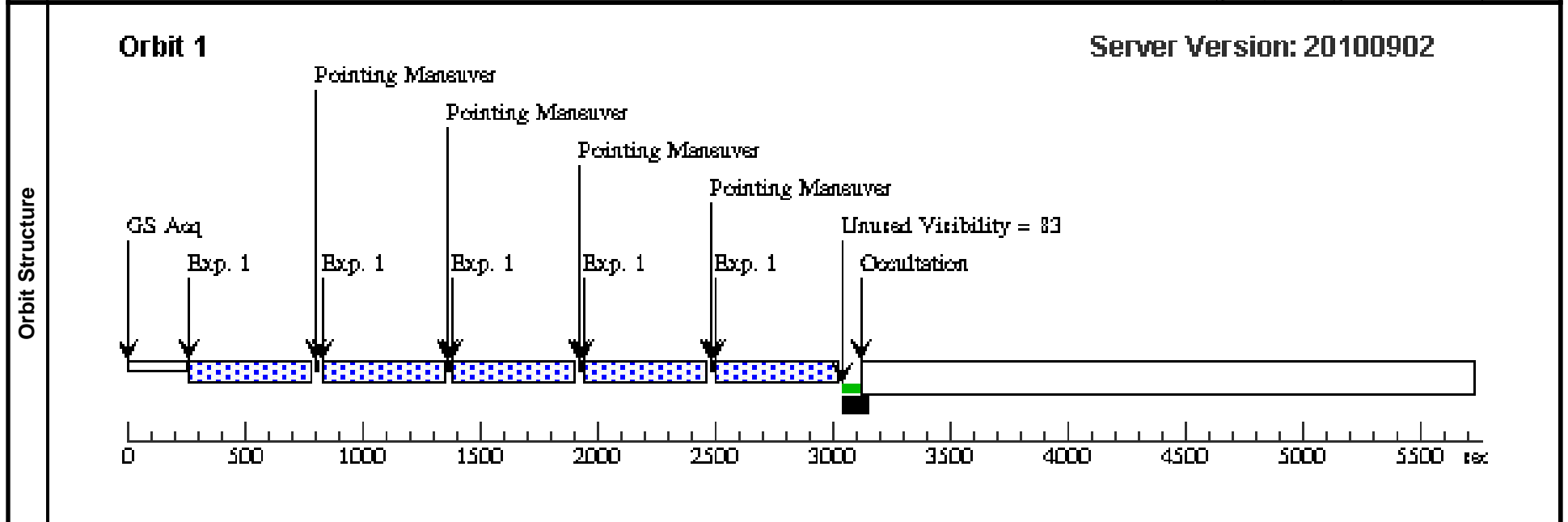
Thu Dec 23 02:03:39 GMT 2010

Visit	Proposal 11148, Visit 17, completed Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: ORIENT 10.0D TO 15.0D FROM 16		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=NIC-SPIRAL-DITH Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=0.0 Number Of Points=5 Angle Between Sides= Point Spacing=2.0 Center Pattern=true Line Spacing=		(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	SDSSJ122859.93+104033	RA: 12 28 59.9300 (187.2497083d) Dec: +10 40 32.90 (10.67581d) Equinox: J2000	Proper Motion RA: -0.00298sec of time/yr Proper Motion Dec: -0.018arcsec/yr Epoch of Position: 2000.0	V=16.8+/-0.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(6) SDSSJ122859.93 +104033	NIC2, MULTIACCUM, NIC2	F110W	NSAMP=13; SAMP-SEQ=STEP1 28	GS ACQ SCENARI O ONEBITNS	Pattern 1, Exps 1-1 i n Visit 17 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



Proposal 11148 - Visit 18 High Contrast Imaging of Dusty White Dwarfs

Thu Dec 23 02:03:39 GMT 2010

Visit	Proposal 11148, Visit 18, completed Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: ORIENT 20.0D TO 30.0D FROM 16									
	#	Primary Pattern	Secondary Pattern	Exposures						
Patterns	(2)	Pattern Type=NIC-SKY-SPIRAL-DITH-CHOP Purpose=DITHER Number Of Points=3 Point Spacing=2.0 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=false	Pattern Type=NIC-SKY-SPIRAL-DITH-CHOP Purpose=BACKGROUND Number Of Points=2 Point Spacing=20.0 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0.0 Angle Between Sides= Center Pattern=false	(3)				
	(3)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=3 Point Spacing=2.0 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=false			(2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	SDSSJ122859.93+104033	RA: 12 28 59.9300 (187.2497083d) Dec: +10 40 32.90 (10.67581d) Equinox: J2000	Proper Motion RA: -0.00298sec of time/yr Proper Motion Dec: -0.018arcsec/yr Epoch of Position: 2000.0	V=16.8+/-0.1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(6) SDSSJ122859.93+104033	NIC2, MULTIACCUM, NIC2	F110W	SAMP-SEQ=STEP64; NSAMP=18	GS ACQ SCENARIO ONEBITNS		[==>]	[1]
	2		(6) SDSSJ122859.93+104033	NIC2, MULTIACCUM, NIC2	F110W	NSAMP=16; SAMP-SEQ=STEP64		Pattern 3, Exps 2-2 in Visit 18 (3)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
3		(6) SDSSJ122859.93+104033	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=7; SAMP-SEQ=STEP16		Pattern 2, Exps 3-3 in Visit 18 (2)	[==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 2,1)] [==>(Pattern 2,2)] [==>(Pattern 3,1)] [==>(Pattern 3,2)]	[1]	

