



10792 - Quasars at Redshift $z=6$ and Early Star Formation History

Cycle: 15, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets</i>	<i>Configurations</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) SDSS-J103027.10+052454.9	NIC3	1	23-Jun-2006 21:51:39.0	yes
25	(1) SDSS-J103027.10+052454.9	NIC3	1	23-Jun-2006 21:52:05.0	yes
28	(4) SDSS-J163033.90+401209.6	NIC3	1	23-Jun-2006 21:52:26.0	yes
27	(3) SDSS-J130608.26+035626.3	NIC3	1	23-Jun-2006 21:52:42.0	yes
26	(2) SDSS-J104841.94+463830.8	NIC3	1	23-Jun-2006 21:53:00.0	yes
19	(4) SDSS-J163033.90+401209.6	NIC3	1	23-Jun-2006 21:53:14.0	yes
13	(3) SDSS-J130608.26+035626.3	NIC3	1	23-Jun-2006 21:53:33.0	yes
07	(2) SDSS-J104841.94+463830.8	NIC3	1	23-Jun-2006 21:53:48.0	yes
02	(1) SDSS-J103027.10+052454.9	NIC3	1	23-Jun-2006 21:54:02.0	yes
20	(4) SDSS-J163033.90+401209.6	NIC3	1	23-Jun-2006 21:54:13.0	yes

Proposal 10792 - Overview

<i>Visit</i>	<i>Targets</i>	<i>Configurations</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
14	(3) SDSS-J130608.26+035626.3	NIC3	1	23-Jun-2006 21:54:23.0	yes
08	(2) SDSS-J104841.94+463830.8	NIC3	1	23-Jun-2006 21:54:35.0	yes
03	(1) SDSS-J103027.10+052454.9	NIC3	1	23-Jun-2006 21:54:52.0	yes
21	(4) SDSS-J163033.90+401209.6	NIC3	1	23-Jun-2006 21:55:08.0	yes
24	(4) SDSS-J163033.90+401209.6	NIC3	1	23-Jun-2006 21:55:30.0	yes
23	(4) SDSS-J163033.90+401209.6	NIC3	1	23-Jun-2006 21:55:50.0	yes
22	(4) SDSS-J163033.90+401209.6	NIC3	1	23-Jun-2006 21:56:07.0	yes
15	(3) SDSS-J130608.26+035626.3	NIC3	1	23-Jun-2006 21:56:28.0	yes
18	(3) SDSS-J130608.26+035626.3	NIC3	1	23-Jun-2006 21:56:48.0	yes
17	(3) SDSS-J130608.26+035626.3	NIC3	1	23-Jun-2006 21:57:04.0	yes
16	(3) SDSS-J130608.26+035626.3	NIC3	1	23-Jun-2006 21:57:22.0	yes
09	(2) SDSS-J104841.94+463830.8	NIC3	1	23-Jun-2006 21:57:44.0	yes
12	(2) SDSS-J104841.94+463830.8	NIC3	1	23-Jun-2006 21:57:57.0	yes
11	(2) SDSS-J104841.94+463830.8	NIC3	1	23-Jun-2006 21:58:18.0	yes
10	(2) SDSS-J104841.94+463830.8	NIC3	1	23-Jun-2006 21:58:39.0	yes
04	(1) SDSS-J103027.10+052454.9	NIC3	1	23-Jun-2006 21:58:58.0	yes
05	(1) SDSS-J103027.10+052454.9	NIC3	1	23-Jun-2006 21:59:18.0	yes
06	(1) SDSS-J103027.10+052454.9	NIC3	1	23-Jun-2006 21:59:37.0	yes

28 Total Orbits Used

ABSTRACT

Proposal 10792 - Overview

We propose to observe four high-redshift quasars ($z=6$) in the NIR in order to estimate relative Fe/Mg abundances and the central black hole mass. The results of this study will critically constrain models of joint quasar and galaxy formation, early star formation, and the growth of supermassive black holes. Different time scales and yields for alpha-elements (like O or Mg) and for iron result into an iron enrichment delay of ~ 0.3 to 0.6 Gyr. Hence, despite the well-known complexity of the FeII emission line spectrum, the ratio iron/alpha - element is a potentially useful cosmological clock.

The central black hole mass will be estimated based on a recently revised black hole mass - luminosity relationship. The time delay of the iron enrichment and the time required to form a supermassive black hole ($\log M > 8 M_{\text{sol}}$, $\tau \sim 0.5$ Gyr) as evidenced by quasar activity will be used to date the beginning of the first intense star formation, marking the formation of the first massive galaxies that host luminous quasars, and to constrain the epoch when supermassive black holes start to grow by accretion.

OBSERVING DESCRIPTION

We have selected four quasars with redshifts $5.99 < z < 6.28$ with J-magnitudes between ~ 18.4 to 19.4 . The quasars are selected for their redshift, prominent emission lines, and weak contamination by strong absorption features. The grisms G096, G141, and G206 are chosen to achieve a continuous wavelength coverage from 0.8μ to 2.5μ . For the proposed quasars, the MgII2798 emission line is unobservable with ground-based telescopes because MgII is redshifted into the strong atmospheric absorption band between the H and K bands. The broad ultraviolet FeII emission blends are shifted to the H-band which is covered with grism G141. It is fundamentally important to cover a large wavelength range containing at least one continuum window in the K-band (restframe > 3200) in order to obtain a reliable estimate of the continuum strength. The use of grism G096 will allow measurements of the important continuum strength at $\lambda_{\text{rest}} = 1450 \text{ \AA}$ and will also cover CIV1549 and CIII]1909, as well as HeII1640 and the important intercombination lines OIII]1663 and NIII]1750.

To estimate the signal-to-noise ratio which has to be achieved, we redshifted a mean quasar spectrum to redshift $z=6$. This quasar spectrum was resampled to the spectral resolution provided by NICMOS in the slitless spectroscopy mode ($R=200$, per pixel). A signal-to-noise ratio of $S/N = 15$ in the continuum will be sufficient to analyze the quasar spectra by using a multi-component fit approach (e.g., Dietrich et al. 2002, 2003c), i.e., to measure emission line fluxes and the profile widths of MgII and CIV.

To estimate the exposure times using NICMOS with grism G096, G141, and G206 we used published near infrared broad band measurements (Fan et al. 2000, 2001, 2003; Goodrich et al. 2001; Willott et al. 2003) and employed the ETC for NICMOS in spectroscopy mode

Proposal 10792 - Overview

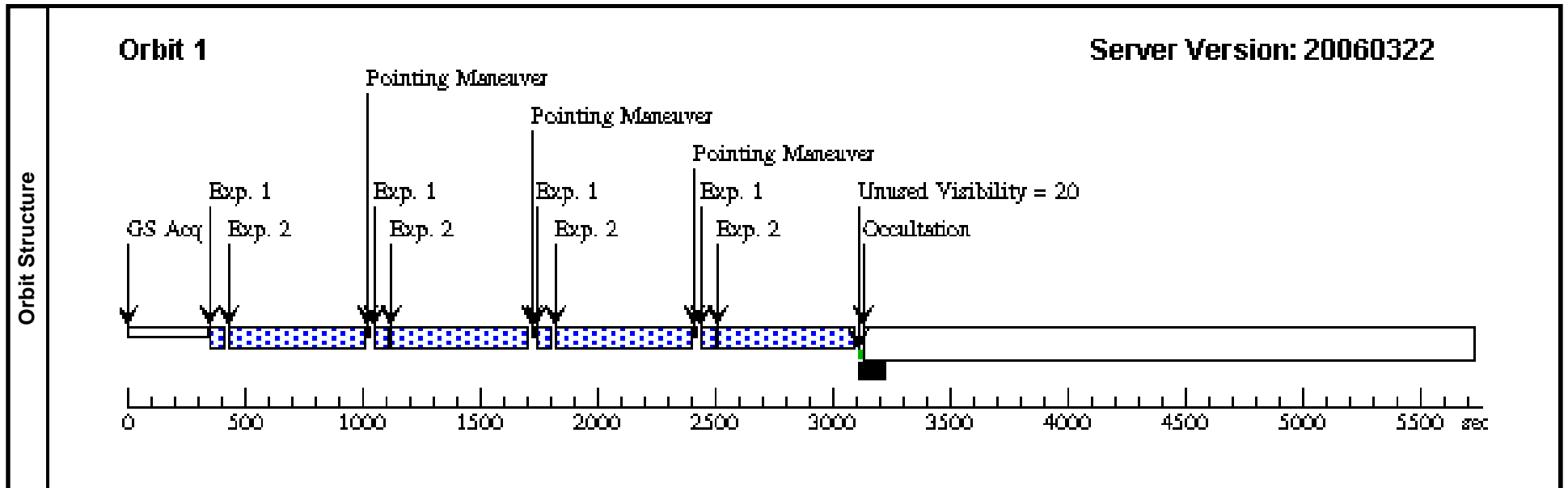
(http://apt.stsci.edu/webetc/nicmos/nicmos_spec_etc.jsp).

The spectra will be taken in multiaccum mode. An exposure time for an individual spectrum of $t_{\text{int}} = 600$ sec (with 4 non-destructive readouts) will result to a $S/N = 5$ to 10 in the continuum. Within one orbit ($t_{\text{orb}} = 54 - 58$ min orbit visibility in 2-gyro mode), four spectra will be recorded with a dithering of ~ 4 arcsec. For the proposed quasars 1.5 orbits with G096 and G141, respectively, will yield 6 spectra for the J and H band range with a total integration time of 60 min each. This will provide the required signal-to-noise ratio of at least $S/N = 15$ for the spectral range (0.8 - 1.9 μ m). Although the thermal emission of HST causes a higher background in the K-band range, spectra taken with grism G206 are most important to define a reliable continuum level to measure the FeII and MgII2798 emission line strengths of $z = 6$ quasars. We estimated that 4 orbits will be necessary to achieve combined spectra of an total integration time of ~ 150 min with a signal-to-noise ratio of at least $S/N = 5$. In addition to the spectra, the quasars will be imaged using the broad band filter F110W and F150W as recommended. These images will be very useful to identify the spectrum of the quasar and of additional objects in the field. For this purpose four images at locations separated by ~ 4 arcsec will be taken.

Proposal 10792 - Visit 01 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 01:59:49 GMT 2006

Visit	Proposal 10792, Visit 01 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: (none) <i>Comments: SDSS 1030+0524 --- G096 (4spectra), F110W (4 images) could be grouped together with visit02 and visit25 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(1)	SDSS-J103027.10+052454.9	RA: 10 30 27.1000 (157.6129167d) Dec: +05 24 54.90 (5.41525d) Equinox: J2000		Redshift: 6.28		V=23.23+/-0.43 J18.87, z=6.28		Reference Frame: NED	
Exposures	<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	
Exposures	1		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-2 Non-Int Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	G096	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 1-2 Non-Int Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



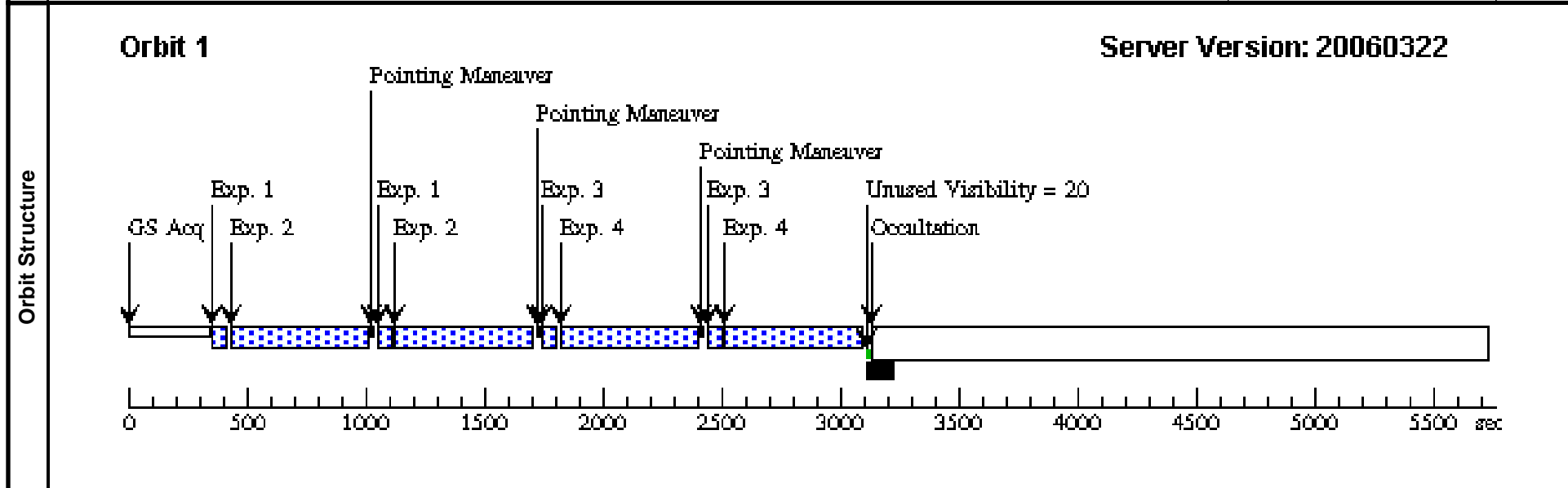
Proposal 10792 - Visit 25 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 01:59:53 GMT 2006

Visit	Proposal 10792, Visit 25 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 25,01 WITHIN 100.0D; GROUP 25,02 WITHIN 100.0D Comments: SDSS 1030+0524 --- G096 (2 spectra), F110W (2 images) G141 (2 spectra), F150W (2 images) could be grouped together with visit01 and visit02 as close as possible but that it is not a critical issue.									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
(2)		Pattern Type=NIC-YSTRIP-DITH Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=90 Number Of Points=2 Angle Between Sides= Point Spacing=4 Center Pattern=false Line Spacing=		(1-2)						
(3)	Pattern Type=NIC-YSTRIP-DITH Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=90 Number Of Points=2 Angle Between Sides= Point Spacing=4 Center Pattern=false Line Spacing=		(3-4)							
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SDSS- J103027.10+052454.9	RA: 10 30 27.1000 (157.6129167d) Dec: +05 24 54.90 (5.41525d) Equinox: J2000	Redshift: 6.28	V=23.23+/-0.43 J18.87, z=6.28	Reference Frame: NED				
Comments: This object was generated by the targetselector and retrieved from the NED database.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) SDSS-J103027.1 0+052454.9	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-2 Non-Int Pattern 1-2 (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(1) SDSS-J103027.1 0+052454.9	NIC3, MULTIACCUM, NIC3	G096	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 1-2 Non-Int Pattern 1-2 (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3		(1) SDSS-J103027.1 0+052454.9	NIC3, MULTIACCUM, NIC3	F150W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 3-4 Non-Int Pattern 3-4 (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 10792 - Visit 25 - Quasars at Redshift z=6 and Early Star Formation History

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	4		(1) SDSS-J103027.1 0+052454.9	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 3-4 Non-Int Pattern 3-4 (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]



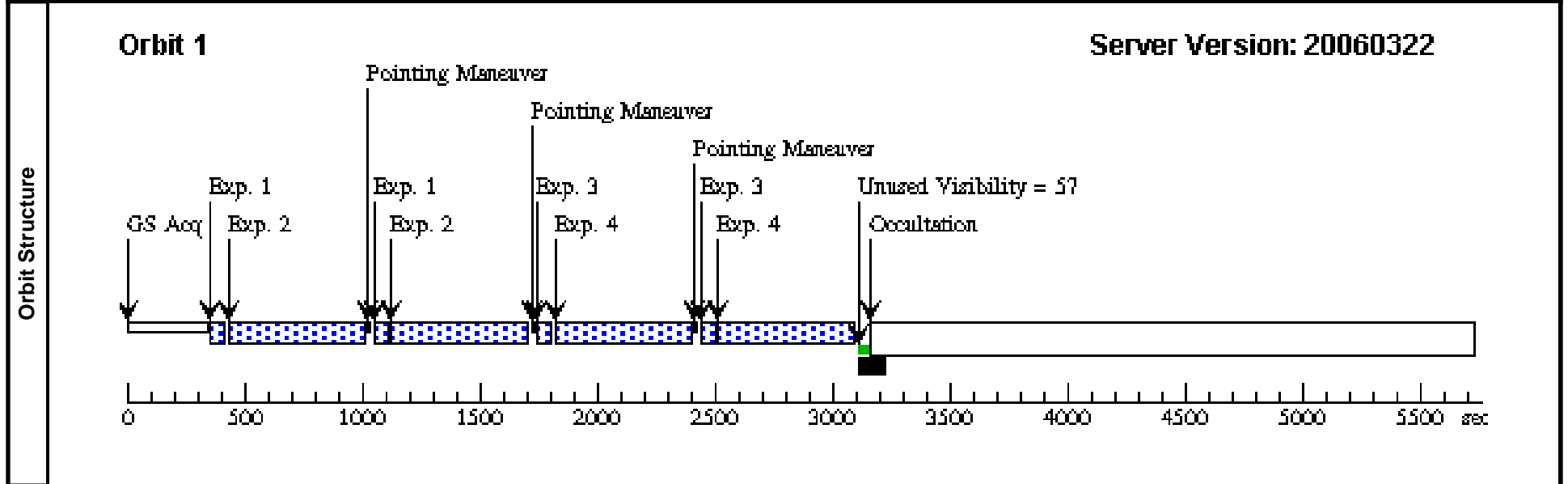
Proposal 10792 - Visit 28 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 01:59:55 GMT 2006

Visit	Proposal 10792, Visit 28 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 28,19 WITHIN 100.0D; GROUP 28,20 WITHIN 100.0D <i>Comments: SDSS 1630+4012 --- G096 (2 spectra), F110W (2 images) G141 (2 spectra), F150W (2 images) could be grouped together with visit19 and visit20 as close as possible but that it is not a critical issue.</i>									
Patterns	#	Primary Pattern		Secondary Pattern		Exposures				
	(2)	Pattern Type=NIC-YSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=4 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90 Angle Between Sides= Center Pattern=false			(1-2)				
(3)	Pattern Type=NIC-YSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=4 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90 Angle Between Sides= Center Pattern=false			(3-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	SDSS- J163033.90+401209.6	RA: 16 30 33.9000 (247.6412500d) Dec: +40 12 9.60 (40.20267d) Equinox: J2000	Redshift: 6.05	V=23.4+/-0.35 J19.38, z=6.05	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) SDSS-J163033.9 0+401209.6	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-2 Non-Int Pattern 1-2 (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(4) SDSS-J163033.9 0+401209.6	NIC3, MULTIACCUM, NIC3	G096	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 1-2 Non-Int Pattern 1-2 (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3		(4) SDSS-J163033.9 0+401209.6	NIC3, MULTIACCUM, NIC3	F150W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 3-4 Non-Int Pattern 3-4 (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 10792 - Visit 28 - Quasars at Redshift z=6 and Early Star Formation History

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	4		(4) SDSS-J163033.9 0+401209.6	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 3-4 Non-Int Pattern 3-4 (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]



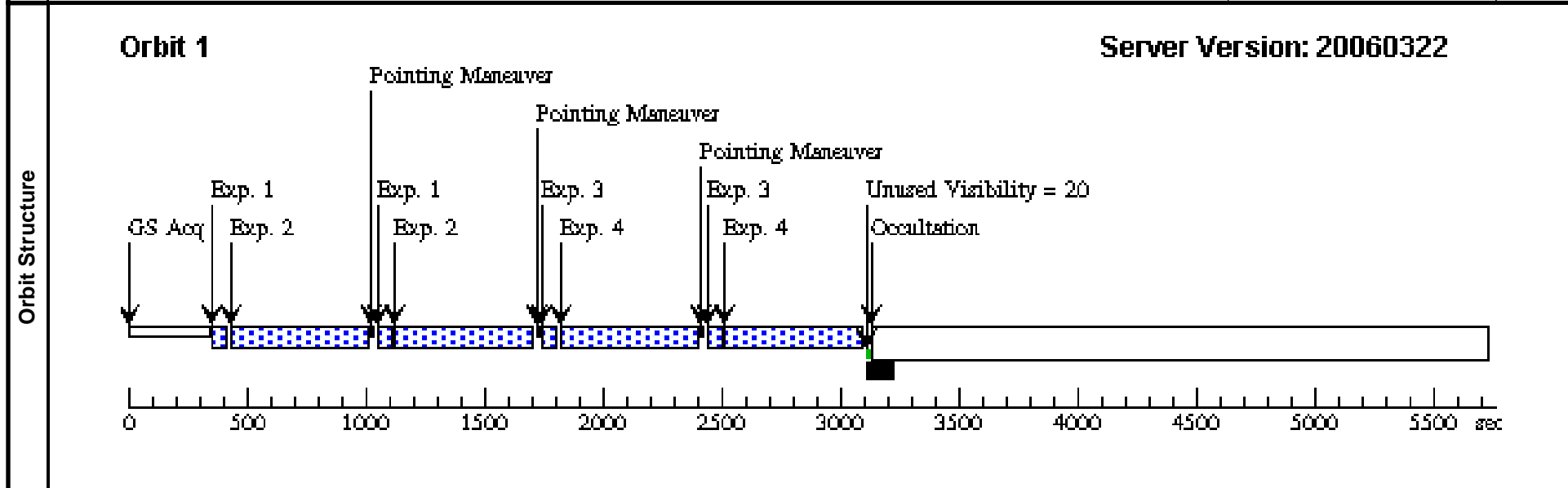
Proposal 10792 - Visit 27 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 01:59:58 GMT 2006

Visit	Proposal 10792, Visit 27 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 27,13 WITHIN 100.0D; GROUP 27,14 WITHIN 100.0D Comments: SDSS 1306+0356 --- G096 (2 spectra), F110W (2 images) G141 (2 spectra), F150W (2 images) could be grouped together with visit13 and visit14 as close as possible but that it is not a critical issue.									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(2)	Pattern Type=NIC-YSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=4 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90 Angle Between Sides= Center Pattern=false		(1-2)				
	(3)	Pattern Type=NIC-YSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=4 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90 Angle Between Sides= Center Pattern=false		(3-4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	SDSS-J130608.26+035626.3	RA: 13 06 8.2600 (196.5344167d) Dec: +03 56 26.30 (3.94064d) Equinox: J2000	Redshift: 5.99	V=22.58+/-0.26 J18.77, z=5.99	Reference Frame: NED				
Comments: This object was generated by the targetselector and retrieved from the NED database.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-2 Non-Int Pattern 1-2 (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	G096	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 1-2 Non-Int Pattern 1-2 (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	F150W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 3-4 Non-Int Pattern 3-4 (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 10792 - Visit 27 - Quasars at Redshift z=6 and Early Star Formation History

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	4		(3) SDSS-J130608.2 6+035626.3	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 3-4 Non-Int Pattern 3-4 (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]



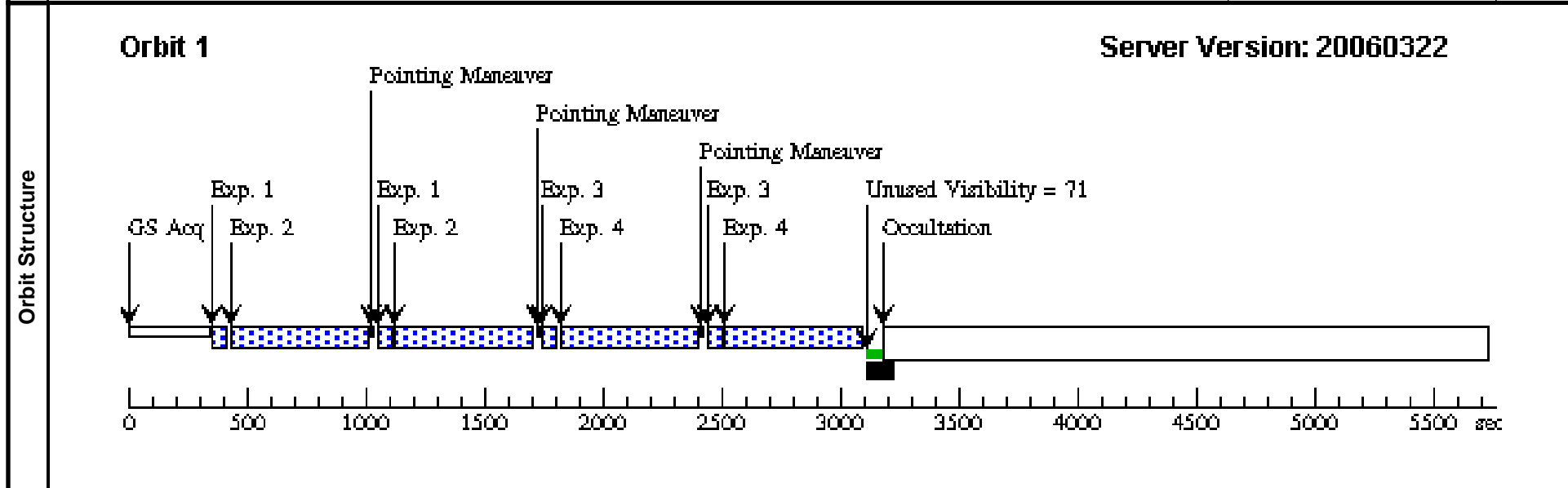
Proposal 10792 - Visit 26 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 01:59:59 GMT 2006

Visit	Proposal 10792, Visit 26 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 26,07 WITHIN 100.0D; GROUP 26,08 WITHIN 100.0D Comments: SDSS 1048+4638 --- G096 (2 spectra), F110W (2 images) G141 (2 spectra), F150W (2 images) could be grouped together with visit07 and visit08 as close as possible but that it is not a critical issue.									
	#	Primary Pattern	Secondary Pattern	Exposures						
Patterns	(2)	Pattern Type=NIC-YSTRIP-DITH Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=90 Number Of Points=2 Angle Between Sides= Point Spacing=4 Center Pattern=false Line Spacing=		(1-2)						
	(3)	Pattern Type=NIC-YSTRIP-DITH Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=90 Number Of Points=2 Angle Between Sides= Point Spacing=4 Center Pattern=false Line Spacing=		(3-4)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	SDSS- J104841.94+463830.8	RA: 10 48 45.0500 (162.1877083d) Dec: +46 37 18.30 (46.62175d) Equinox: J2000	Redshift: 6.23	V=22.4+/-0.2 J18.40, z=6.23	Reference Frame: NED				
Comments: This object was generated by the targetselector and retrieved from the NED database.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) SDSS-J104841.9 4+463830.8	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-2 Non-Int Pattern 1-2 (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(2) SDSS-J104841.9 4+463830.8	NIC3, MULTIACCUM, NIC3	G096	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 1-2 Non-Int Pattern 1-2 (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3		(2) SDSS-J104841.9 4+463830.8	NIC3, MULTIACCUM, NIC3	F150W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 3-4 Non-Int Pattern 3-4 (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 10792 - Visit 26 - Quasars at Redshift z=6 and Early Star Formation History

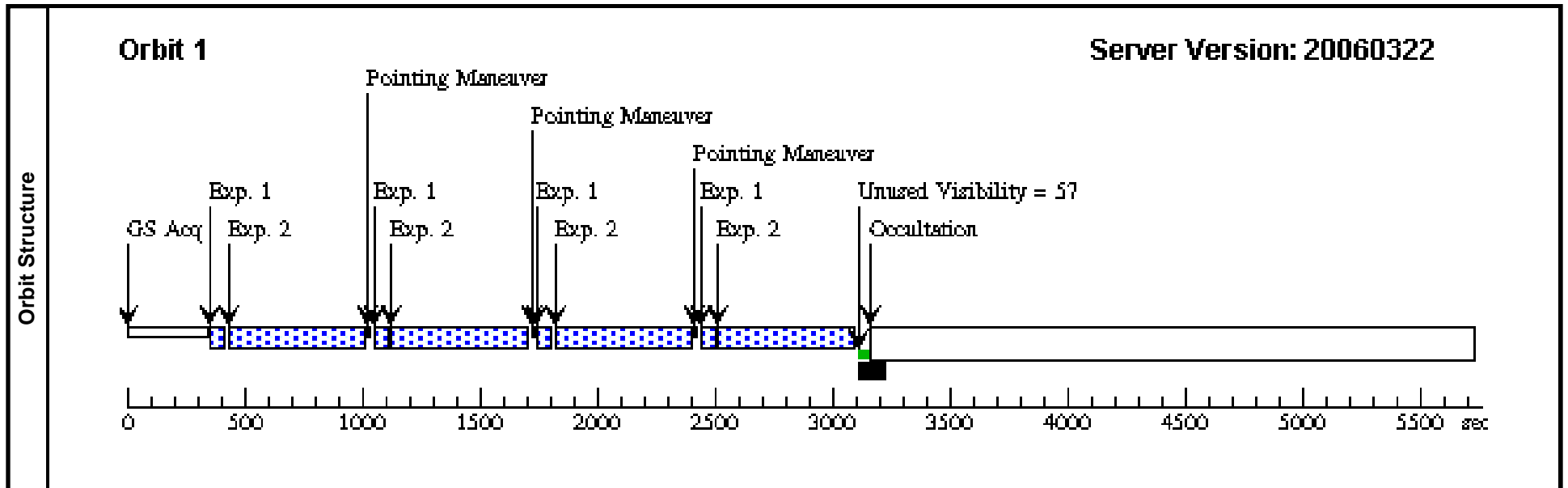
Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	4		(2) SDSS-J104841.9 4+463830.8	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 3-4 Non-Int Pattern 3-4 (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 10792 - Visit 19 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:01 GMT 2006

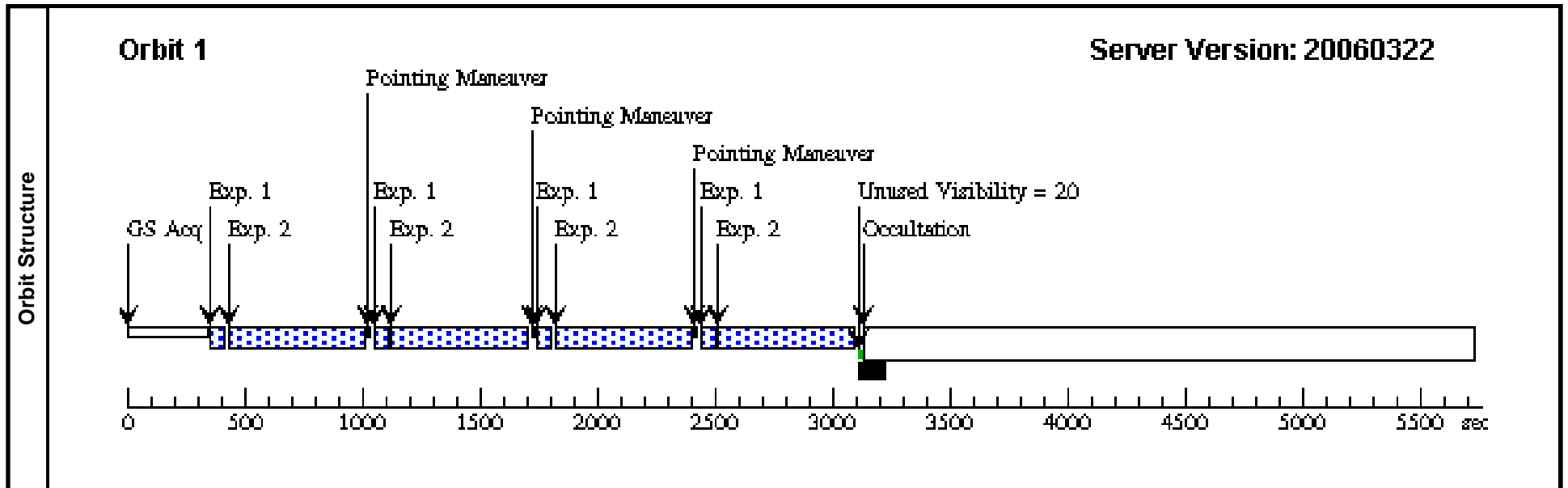
Visit	Proposal 10792, Visit 19 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 19,20 WITHIN 100.0D; GROUP 19,28 WITHIN 100.0D <i>Comments: SDSS 1630+4012 --- G096 (4spectra), F110W (4 images) could be grouped together with visit20 and visit28 as close as possible but that it is not a critical issue.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	SDSS-J163033.90+401209.6	RA: 16 30 33.9000 (247.6412500d) Dec: +40 12 9.60 (40.20267d) Equinox: J2000		Redshift: 6.05		V=23.4+/-0.35 J19.38, z=6.05		Reference Frame: NED		
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-2 Non-Int Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	G096	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 1-2 Non-Int Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



Proposal 10792 - Visit 13 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:03 GMT 2006

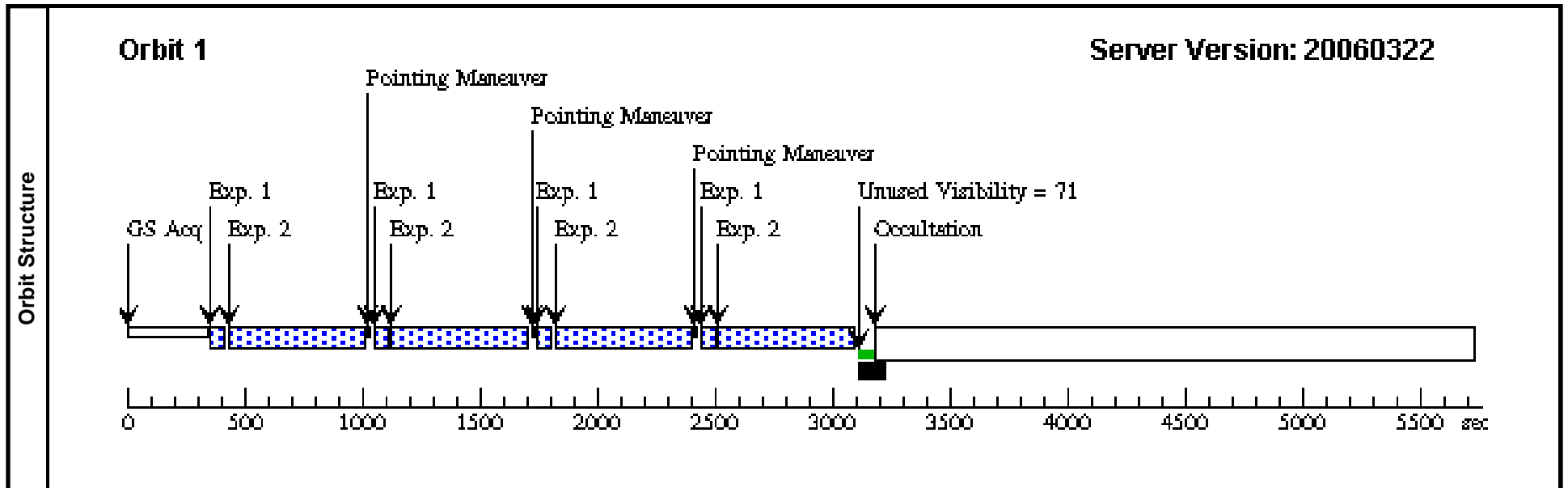
Visit	Proposal 10792, Visit 13 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 13,14 WITHIN 100.0D; GROUP 13,27 WITHIN 100.0D <i>Comments: SDSS 1306+0356 --- G096 (4spectra), F110W (4 images) could be grouped together with visit14 and visit27 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-2)	
		Purpose=DITHER		Pattern Orientation=90						
		Number Of Points=4		Angle Between Sides=						
		Point Spacing=4		Center Pattern=false						
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(3)	SDSS-J130608.26+035626.3	RA: 13 06 8.2600 (196.5344167d) Dec: +03 56 26.30 (3.94064d) Equinox: J2000		Redshift: 5.99		V=22.58+/-0.26 J18.77, z=5.99		Reference Frame: NED	
	<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-2 Non-Int Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	G096	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 1-2 Non-Int Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10792 - Visit 07 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:05 GMT 2006

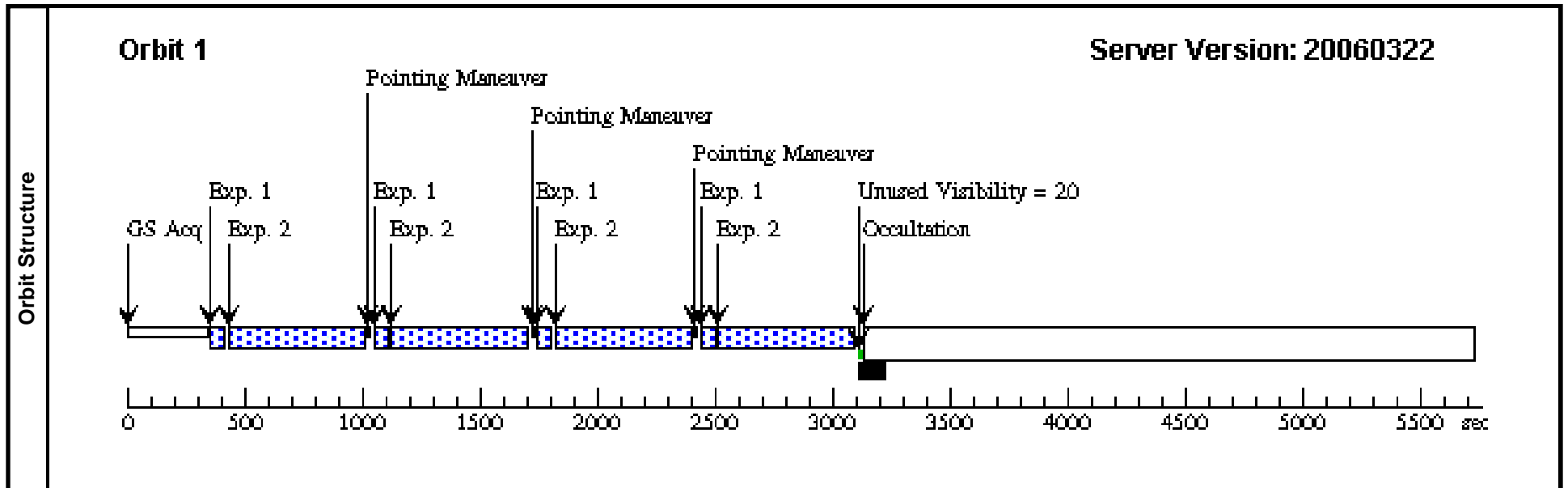
Visit	Proposal 10792, Visit 07 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 07,08 WITHIN 100.0D; GROUP 07,26 WITHIN 100.0D <i>Comments: SDSS 1048+4638 --- G096 (4spectra), F110W (4 images) could be grouped together with visit08 and visit26 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-2)	
		Purpose=DITHER		Pattern Orientation=90						
		Number Of Points=4		Angle Between Sides=						
		Point Spacing=4		Center Pattern=false						
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(2)	SDSS-J104841.94+463830.8	RA: 10 48 45.0500 (162.1877083d) Dec: +46 37 18.30 (46.62175d) Equinox: J2000		Redshift: 6.23		V=22.4+/-0.2 J18.40, z=6.23		Reference Frame: NED	
	<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) SDSS-J104841.94+463830.8	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-2 Non-Int Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(2) SDSS-J104841.94+463830.8	NIC3, MULTIACCUM, NIC3	G096	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 1-2 Non-Int Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10792 - Visit 02 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:07 GMT 2006

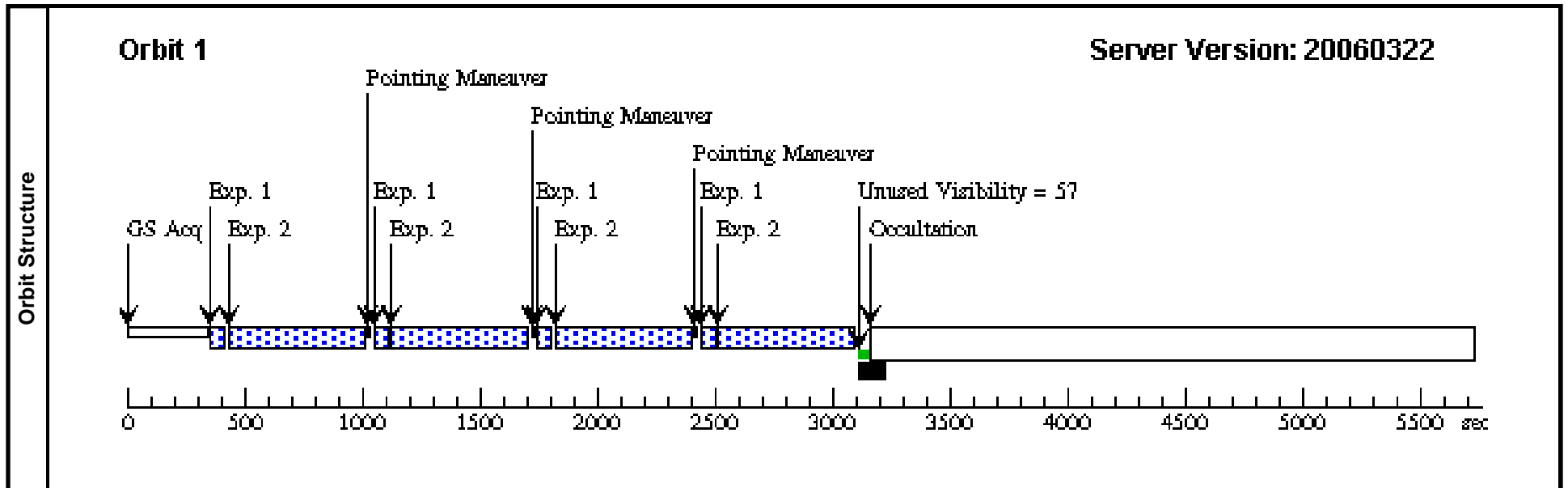
Visit	Proposal 10792, Visit 02 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 02,01 WITHIN 100.0D; GROUP 02,25 WITHIN 100.0D <i>Comments: SDSS 1030+0524 --- G141 (4 spectra), F150W (4 images) could be grouped together with visit01 and visit25 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-2)	
		Purpose=DITHER		Pattern Orientation=90						
		Number Of Points=4		Angle Between Sides=						
		Point Spacing=4		Center Pattern=false						
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(1)	SDSS-J103027.10+052454.9	RA: 10 30 27.1000 (157.6129167d) Dec: +05 24 54.90 (5.41525d) Equinox: J2000		Redshift: 6.28		V=23.23+/-0.43 J18.87, z=6.28		Reference Frame: NED	
	<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	F150W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-2 Non-Int Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
2		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 1-2 Non-Int Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 10792 - Visit 20 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:09 GMT 2006

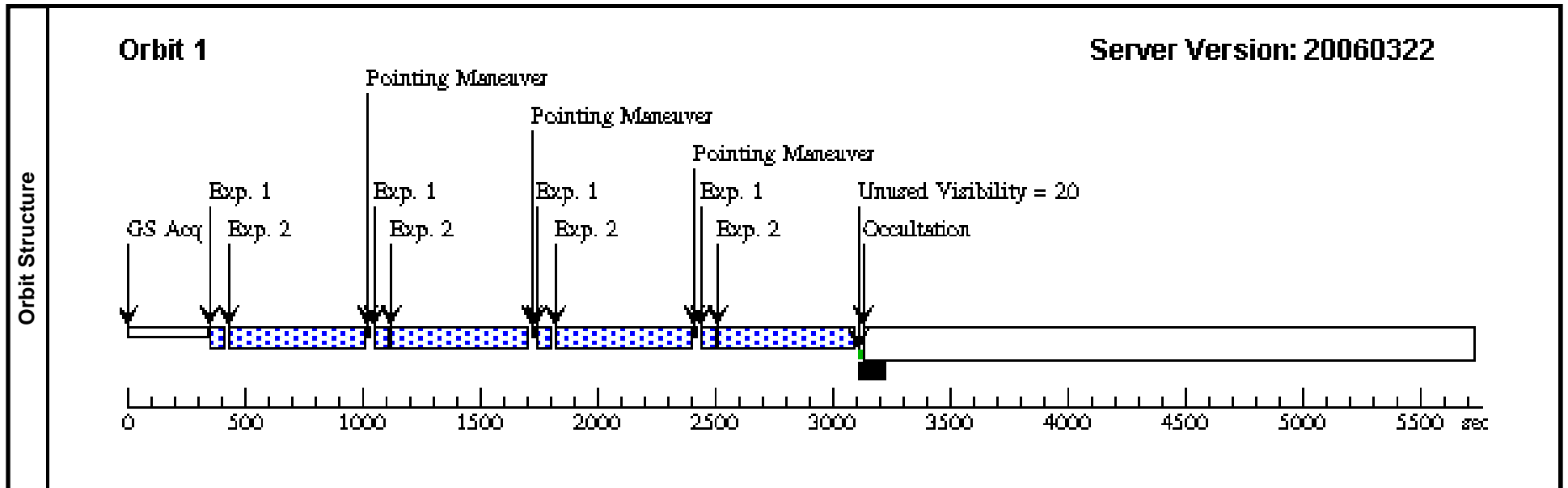
Visit	Proposal 10792, Visit 20 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 20,19 WITHIN 100.0D; GROUP 20,28 WITHIN 100.0D <i>Comments: SDSS 1630+4012 --- G141 (4 spectra), F150W (4 images) could be grouped together with visit19 and visit28 as close as possible but that it is not a critical issue.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	SDSS-J163033.90+401209.6	RA: 16 30 33.9000 (247.6412500d) Dec: +40 12 9.60 (40.20267d) Equinox: J2000		Redshift: 6.05		V=23.4+/-0.35 J19.38, z=6.05		Reference Frame: NED		
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	F150W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-2 Non-Int Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 1-2 Non-Int Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



Proposal 10792 - Visit 14 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:10 GMT 2006

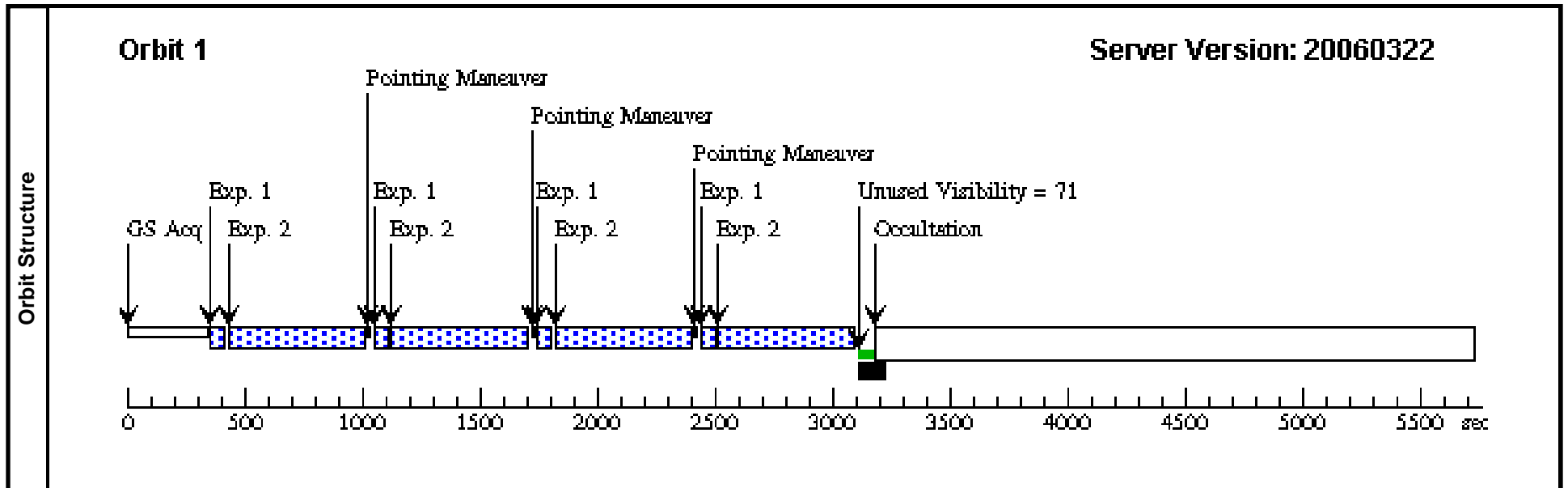
Visit	Proposal 10792, Visit 14 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 14,13 WITHIN 100.0D; GROUP 14,27 WITHIN 100.0D <i>Comments: SDSS 1306+0356 --- G141 (4 spectra), F150W (4 images) could be grouped together with visit13 and visit27 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(3)	SDSS-J130608.26+035626.3	RA: 13 06 8.2600 (196.5344167d) Dec: +03 56 26.30 (3.94064d) Equinox: J2000		Redshift: 5.99		V=22.58+/-0.26 J18.77, z=5.99		Reference Frame: NED	
Exposures	<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	
1		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	F150W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-2 Non-Int Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]
2		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 1-2 Non-Int Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 10792 - Visit 08 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:12 GMT 2006

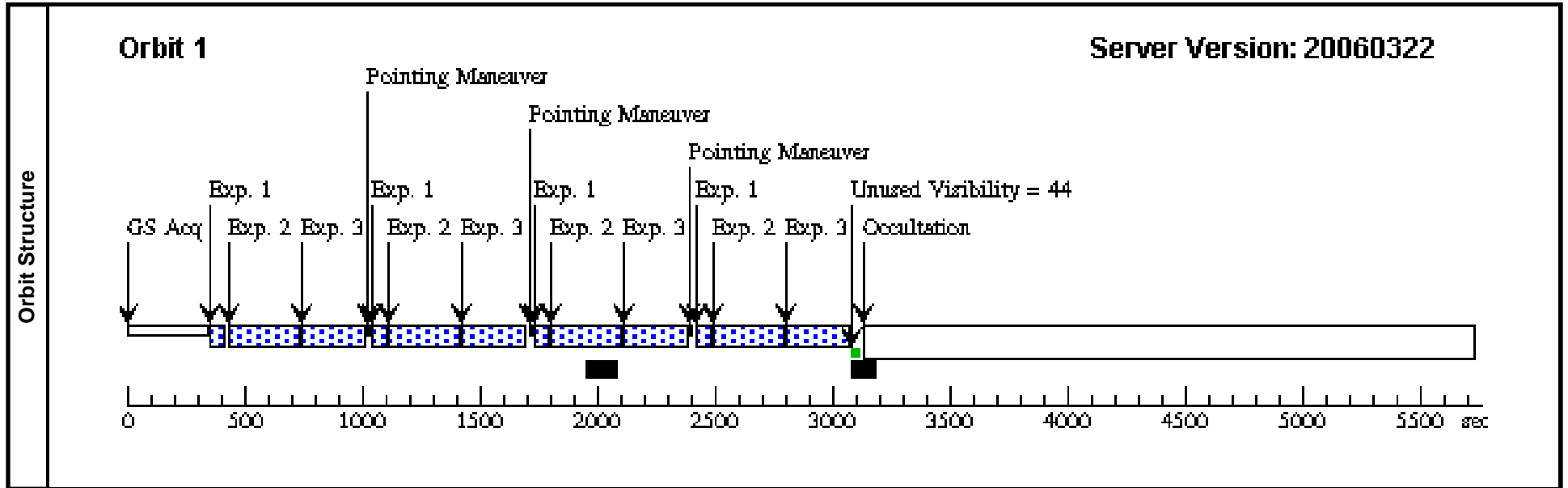
Visit	Proposal 10792, Visit 08 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 08,07 WITHIN 100.0D; GROUP 08,26 WITHIN 100.0D <i>Comments: SDSS 1048+4637--- G141 (4 spectra), F150W (4 images) could be grouped together with visit07 and visit26 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(2)	SDSS-J104841.94+463830.8	RA: 10 48 45.0500 (162.1877083d) Dec: +46 37 18.30 (46.62175d) Equinox: J2000		Redshift: 6.23		V=22.4+/-0.2 J18.40, z=6.23		Reference Frame: NED	
Exposures	<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	
1		(2) SDSS-J104841.94+463830.8	NIC3, MULTIACCUM, NIC3	F150W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-2 Non-Int Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
2		(2) SDSS-J104841.94+463830.8	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=SPARS 64; OFFSET=SAM; NSAMP=11		Sequence 1-2 Non-Int Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



Proposal 10792 - Visit 03 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:14 GMT 2006

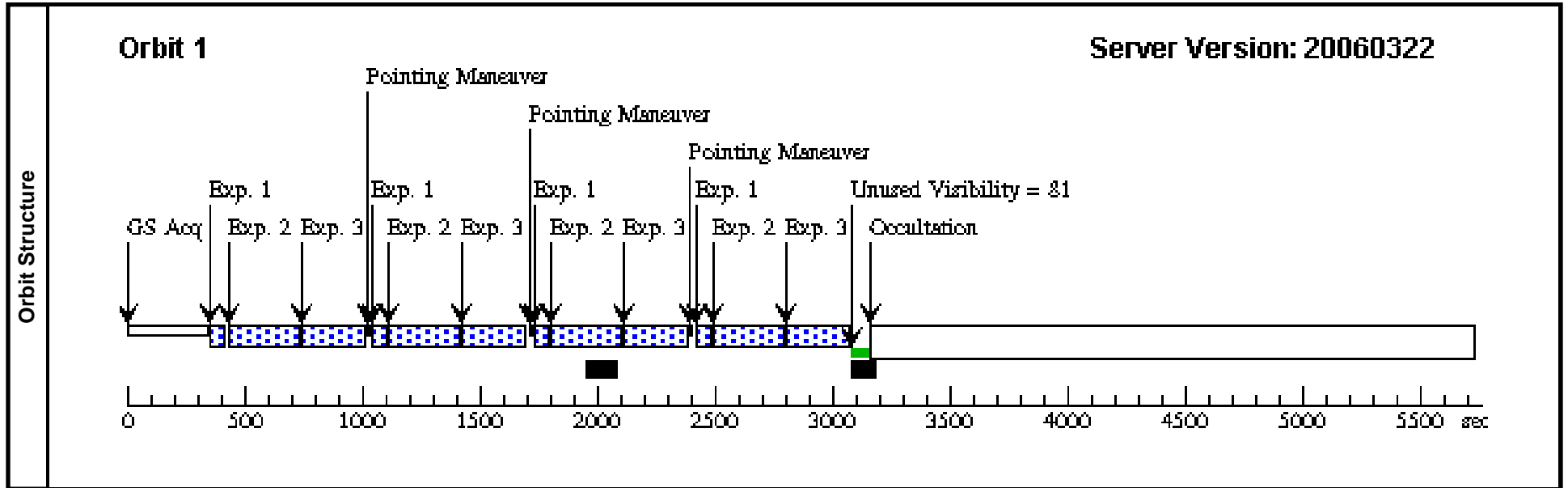
Visit	Proposal 10792, Visit 03 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 03,04 WITHIN 100.0D; GROUP 03,05 WITHIN 100.0D; GROUP 03,06 WITHIN 100.0D <i>Comments: SDSS 1030+0524 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit04, visit05, and visit06 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern		Exposures				
(1)		Pattern Type=NIC-YSTRIP-DITH Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=90 Number Of Points=4 Angle Between Sides= Point Spacing=4 Center Pattern=false Line Spacing=			(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SDSS-J103027.10+052454.9	RA: 10 30 27.1000 (157.6129167d) Dec: +05 24 54.90 (5.41525d) Equinox: J2000	Redshift: 6.28	V=23.23+/-0.43 J18.87, z=6.28	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16;		Sequence 1-3 Non-Int	[==>(Pattern 1)]	[1]
						OFFSET=SAM;		Pattern 1-3 (1)	[==>(Pattern 2)]	
						NSAMP=5			[==>(Pattern 3)]	
								[==>(Pattern 4)]		
2		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32;			Sequence 1-3 Non-Int	[==>(Pattern 1)]	[1]
					OFFSET=SAM;			Pattern 1-3 (1)	[==>(Pattern 2)]	
					NSAMP=11				[==>(Pattern 3)]	
									[==>(Pattern 4)]	
3		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16;			Sequence 1-3 Non-Int	[==>(Pattern 1)]	[1]
					OFFSET=SAM;			Pattern 1-3 (1)	[==>(Pattern 2)]	
					NSAMP=19				[==>(Pattern 3)]	
									[==>(Pattern 4)]	



Proposal 10792 - Visit 21 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:16 GMT 2006

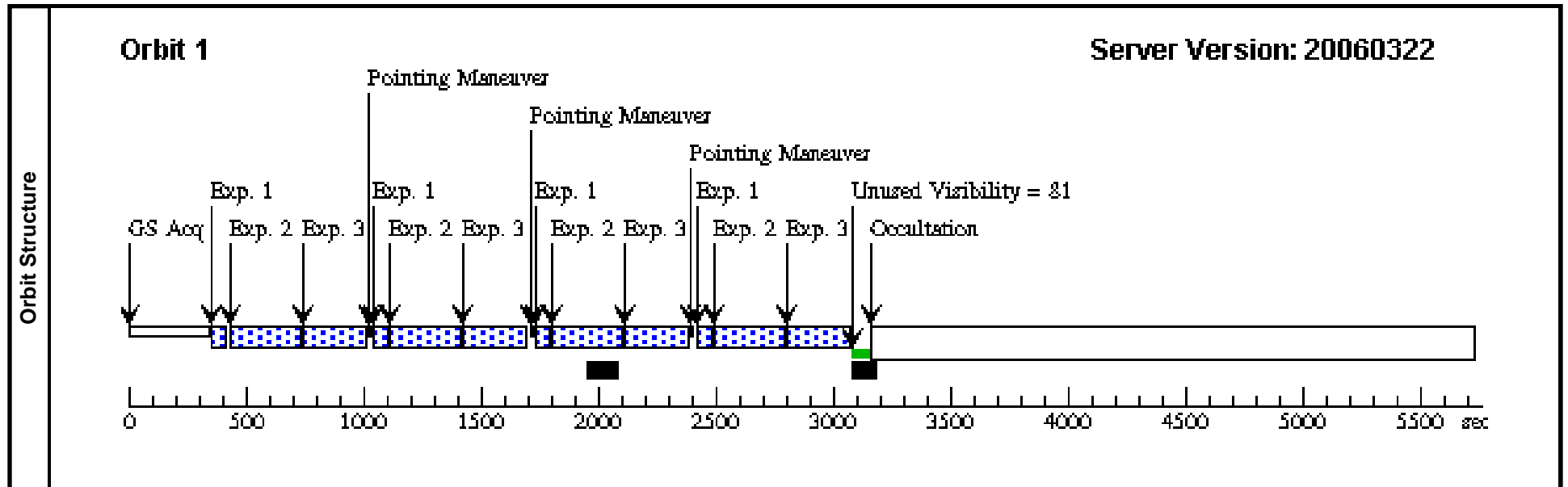
Visit	Proposal 10792, Visit 21 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 21,22 WITHIN 100.0D; GROUP 21,23 WITHIN 100.0D; GROUP 21,24 WITHIN 100.0D <i>Comments: SDSS 1630+4012 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit22, visit23, and visit24 as close as possible but that it is not a critical issue.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	SDSS-J163033.90+401209.6	RA: 16 30 33.9000 (247.6412500d) Dec: +40 12 9.60 (40.20267d) Equinox: J2000		Redshift: 6.05		V=23.4+/-0.35 J19.38, z=6.05		Reference Frame: NED		
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32; OFFSET=SAM; NSAMP=11		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	3		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=19		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



Proposal 10792 - Visit 24 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:19 GMT 2006

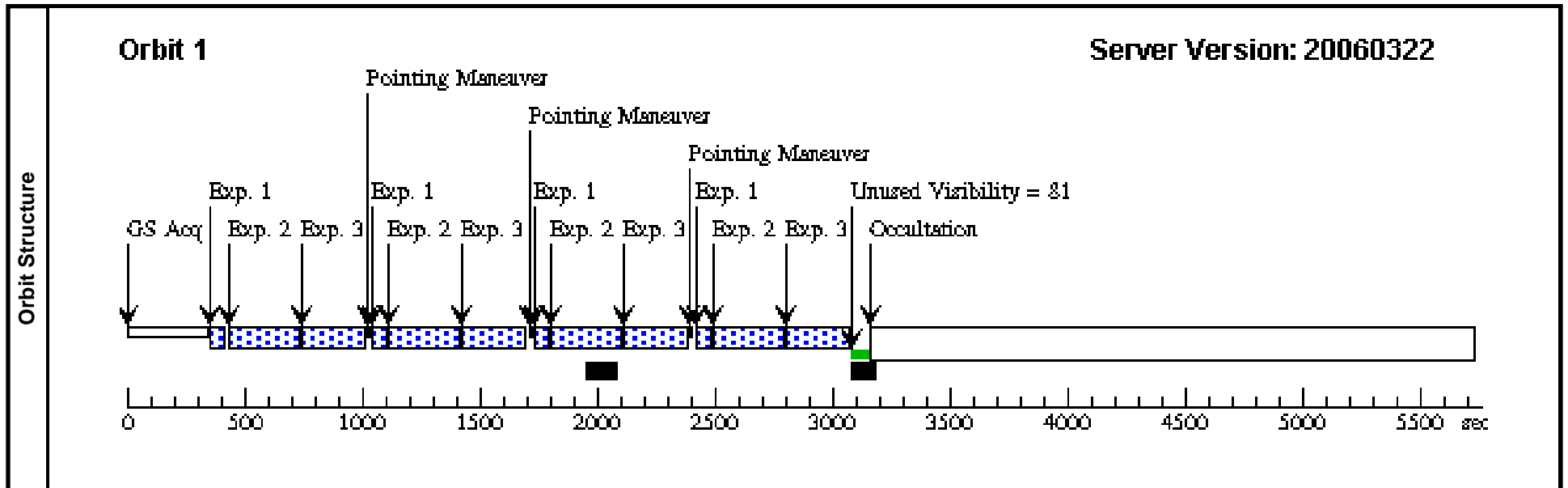
Visit	Proposal 10792, Visit 24 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 24,21 WITHIN 100.0D; GROUP 24,22 WITHIN 100.0D; GROUP 24,23 WITHIN 100.0D <i>Comments: SDSS 1630+4012 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit21, visit22, and visit23 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(4)	SDSS-J163033.90+401209.6	RA: 16 30 33.9000 (247.6412500d) Dec: +40 12 9.60 (40.20267d) Equinox: J2000		Redshift: 6.05		V=23.4+/-0.35 J19.38, z=6.05		Reference Frame: NED	
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32; OFFSET=SAM; NSAMP=11		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=19		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10792 - Visit 23 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:21 GMT 2006

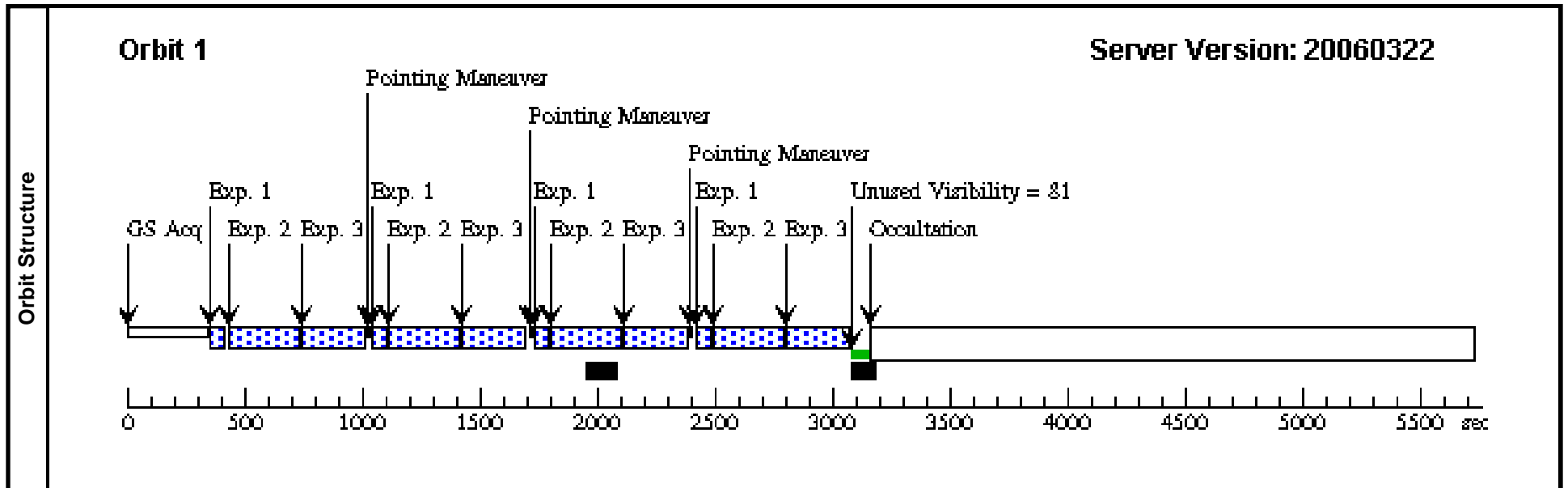
Visit	Proposal 10792, Visit 23 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 23,21 WITHIN 100.0D; GROUP 23,22 WITHIN 100.0D; GROUP 23,24 WITHIN 100.0D <i>Comments: SDSS 1630+4012 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit21, visit22, and visit24 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(4)	SDSS-J163033.90+401209.6	RA: 16 30 33.9000 (247.6412500d) Dec: +40 12 9.60 (40.20267d) Equinox: J2000		Redshift: 6.05		V=23.4+/-0.35 J19.38, z=6.05		Reference Frame: NED	
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32; OFFSET=SAM; NSAMP=11		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=19		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10792 - Visit 22 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:23 GMT 2006

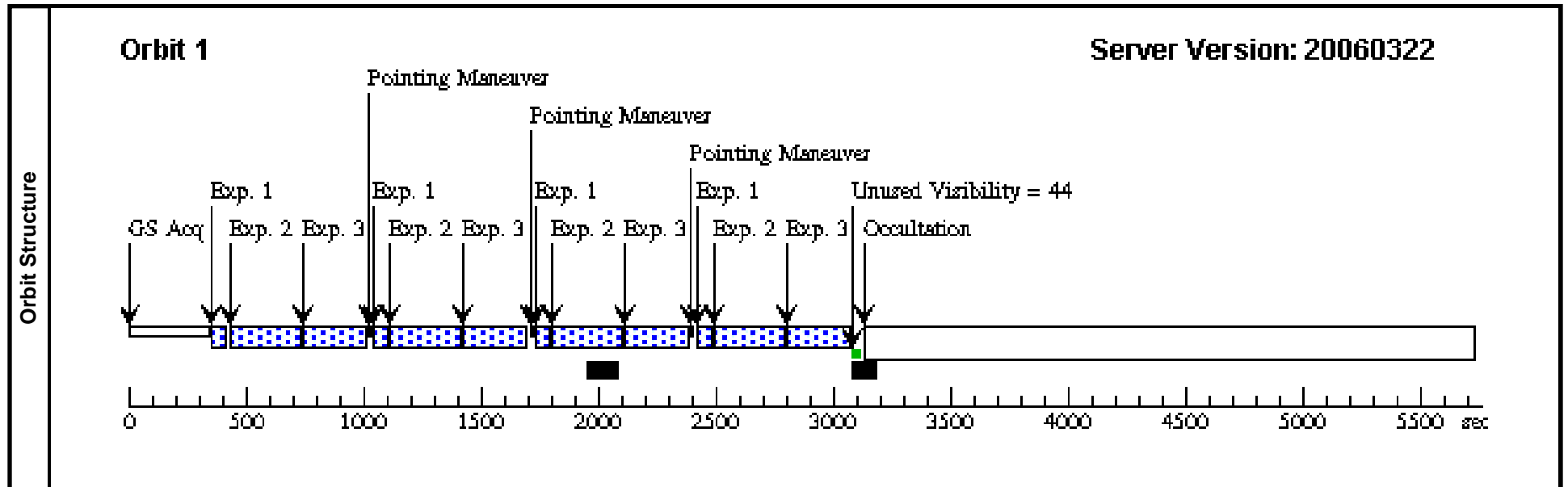
Visit	Proposal 10792, Visit 22 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 22,21 WITHIN 100.0D; GROUP 22,23 WITHIN 100.0D; GROUP 22,24 WITHIN 100.0D <i>Comments: SDSS 1630+4012 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit21, visit23, and visit24 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(4)	SDSS-J163033.90+401209.6	RA: 16 30 33.9000 (247.6412500d) Dec: +40 12 9.60 (40.20267d) Equinox: J2000		Redshift: 6.05		V=23.4+/-0.35 J19.38, z=6.05		Reference Frame: NED	
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32; OFFSET=SAM; NSAMP=11		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3		(4) SDSS-J163033.90+401209.6	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=19		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10792 - Visit 15 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:25 GMT 2006

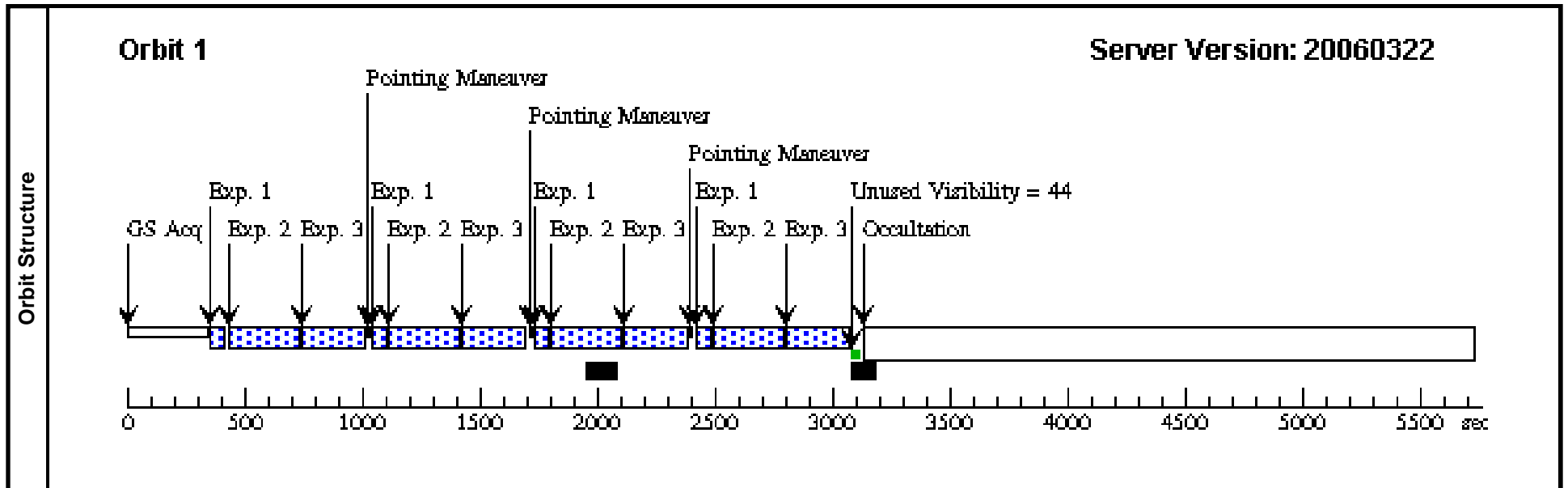
Visit	Proposal 10792, Visit 15 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 15,16 WITHIN 100.0D; GROUP 15,17 WITHIN 100.0D; GROUP 15,18 WITHIN 100.0D <i>Comments: SDSS 1306+0356 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit16, visit17, and visit18 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(3)	SDSS-J130608.26+035626.3	RA: 13 06 8.2600 (196.5344167d) Dec: +03 56 26.30 (3.94064d) Equinox: J2000		Redshift: 5.99		V=22.58+/-0.26 J18.77, z=5.99		Reference Frame: NED	
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32; OFFSET=SAM; NSAMP=11		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=19		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10792 - Visit 18 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:27 GMT 2006

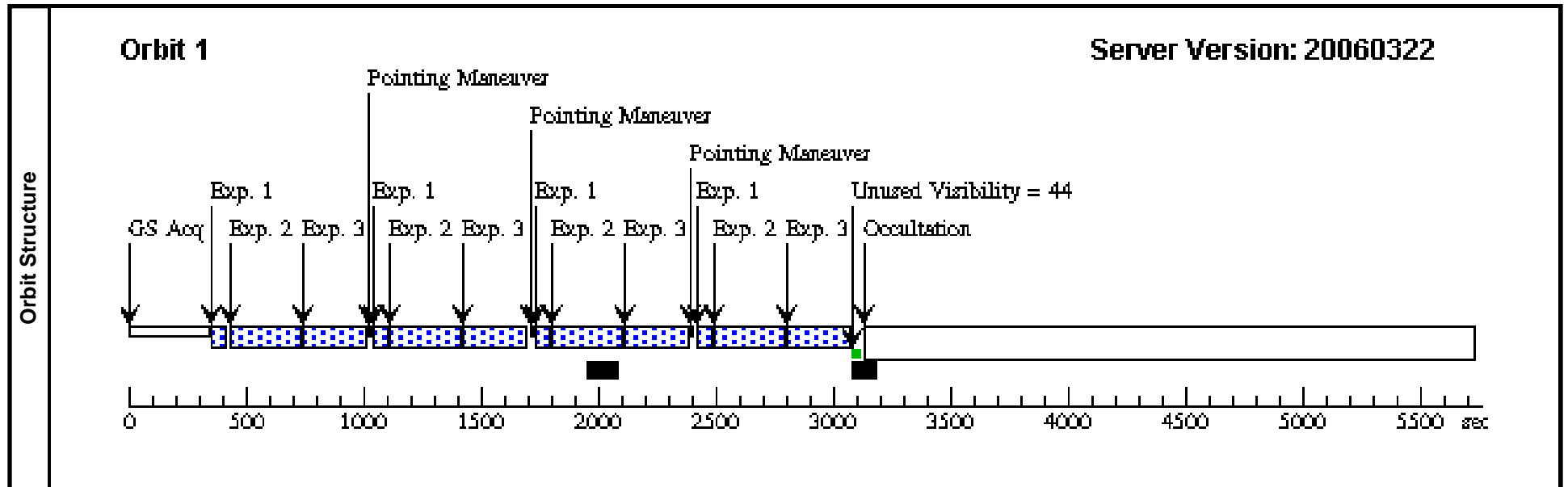
Visit	Proposal 10792, Visit 18 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 18,15 WITHIN 100.0D; GROUP 18,16 WITHIN 100.0D; GROUP 18,17 WITHIN 100.0D <i>Comments: SDSS 1306+0356 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit15, visit16, and visit17 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(3)	SDSS-J130608.26+035626.3	RA: 13 06 8.2600 (196.5344167d) Dec: +03 56 26.30 (3.94064d) Equinox: J2000		Redshift: 5.99		V=22.58+/-0.26 J18.77, z=5.99		Reference Frame: NED	
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32; OFFSET=SAM; NSAMP=11		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=19		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10792 - Visit 17 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:29 GMT 2006

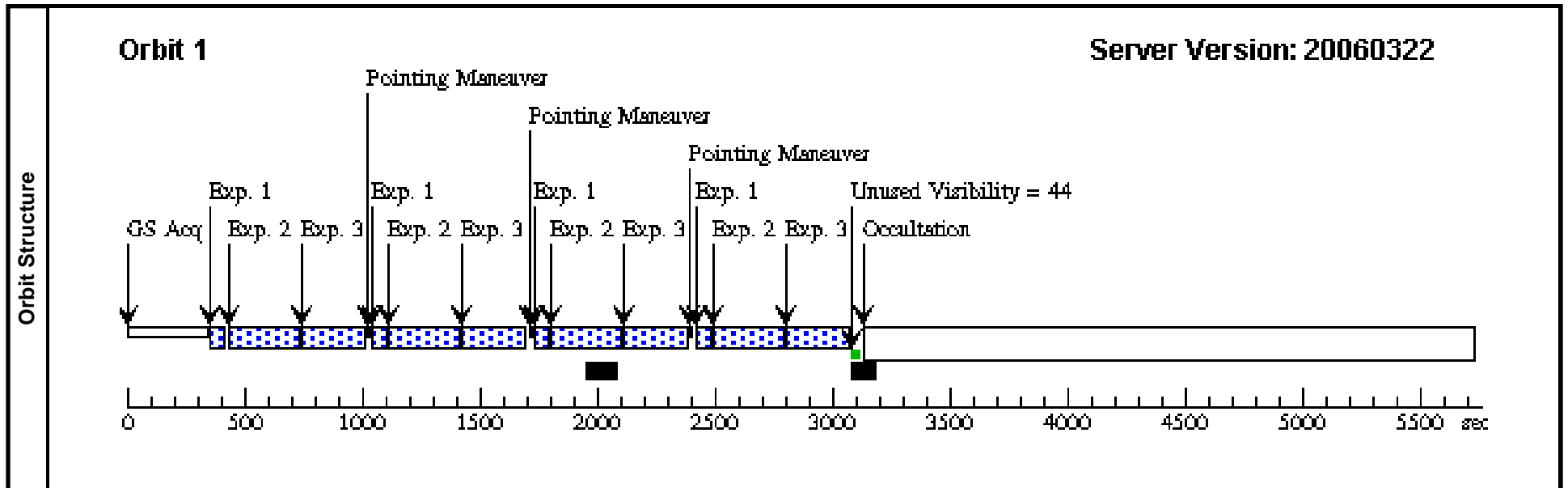
Visit	Proposal 10792, Visit 17 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 17,15 WITHIN 100.0D; GROUP 17,16 WITHIN 100.0D; GROUP 17,18 WITHIN 100.0D <i>Comments: SDSS 1306+0356 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit15, visit16, and visit18 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(3)	SDSS-J130608.26+035626.3	RA: 13 06 8.2600 (196.5344167d) Dec: +03 56 26.30 (3.94064d) Equinox: J2000		Redshift: 5.99		V=22.58+/-0.26 J18.77, z=5.99		Reference Frame: NED	
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32; OFFSET=SAM; NSAMP=11		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=19		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10792 - Visit 16 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:31 GMT 2006

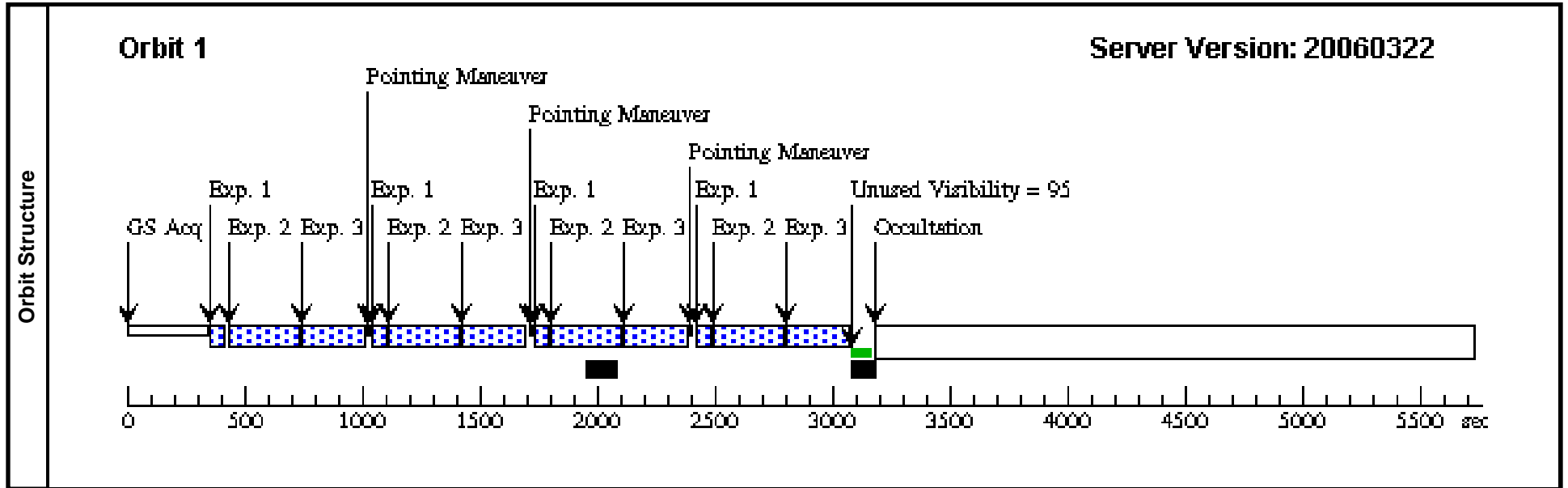
Visit	Proposal 10792, Visit 16 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 16,15 WITHIN 100.0D; GROUP 16,17 WITHIN 100.0D; GROUP 16,18 WITHIN 100.0D <i>Comments: SDSS 1306+0356 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit15, visit17, and visit18 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(3)	SDSS-J130608.26+035626.3	RA: 13 06 8.2600 (196.5344167d) Dec: +03 56 26.30 (3.94064d) Equinox: J2000		Redshift: 5.99		V=22.58+/-0.26 J18.77, z=5.99		Reference Frame: NED	
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32; OFFSET=SAM; NSAMP=11		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3		(3) SDSS-J130608.26+035626.3	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=19		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10792 - Visit 09 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:33 GMT 2006

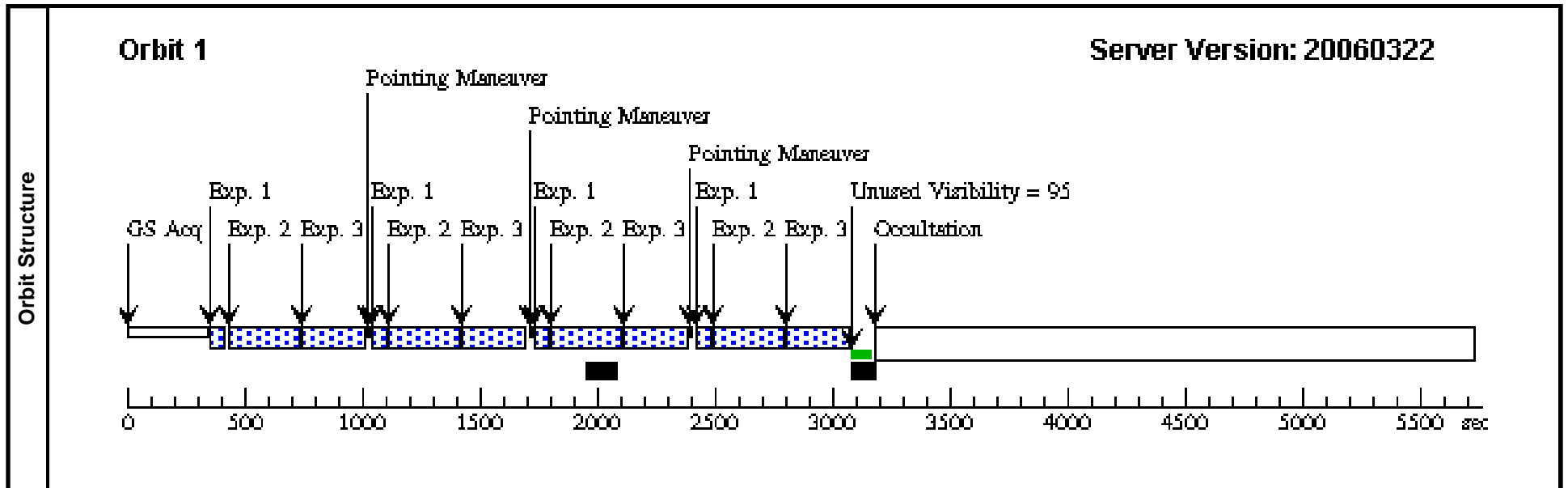
Visit	Proposal 10792, Visit 09 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 09,10 WITHIN 100.0D; GROUP 09,11 WITHIN 100.0D; GROUP 09,12 WITHIN 100.0D <i>Comments: SDSS 1048+4637 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit10, visit11, and visit12 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(2)	SDSS-J104841.94+463830.8	RA: 10 48 45.0500 (162.1877083d) Dec: +46 37 18.30 (46.62175d) Equinox: J2000		Redshift: 6.23		V=22.4+/-0.2 J18.40, z=6.23		Reference Frame: NED	
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) SDSS-J104841.94+463830.8	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(2) SDSS-J104841.94+463830.8	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32; OFFSET=SAM; NSAMP=11		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3		(2) SDSS-J104841.94+463830.8	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=19		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10792 - Visit 12 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:35 GMT 2006

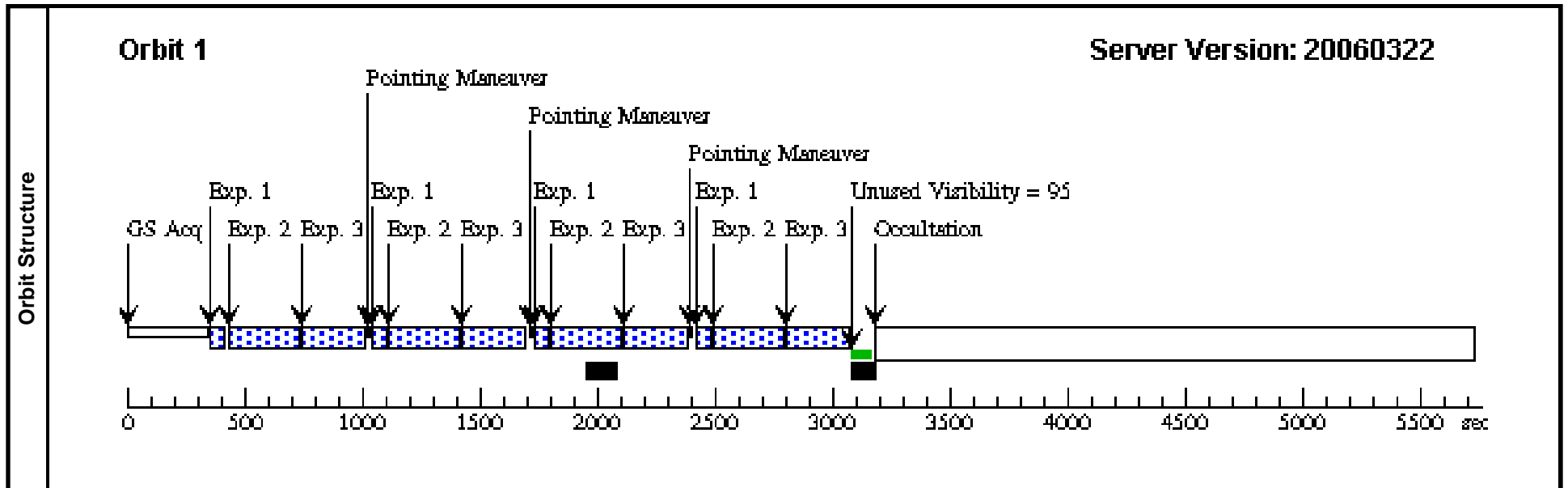
Visit	Proposal 10792, Visit 12 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 12,09 WITHIN 100.0D; GROUP 12,10 WITHIN 100.0D; GROUP 12,11 WITHIN 100.0D <i>Comments: SDSS 1048+4637 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit09, visit10, and visit11 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=NIC-YSTRIP-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90 Angle Between Sides= Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	SDSS-J104841.94+463830.8	RA: 10 48 45.0500 (162.1877083d) Dec: +46 37 18.30 (46.62175d) Equinox: J2000	Redshift: 6.23	V=22.4+/-0.2 J18.40, z=6.23	Reference Frame: NED				
	<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) SDSS-J104841.94+463830.8	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(2) SDSS-J104841.94+463830.8	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32; OFFSET=SAM; NSAMP=11		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3		(2) SDSS-J104841.94+463830.8	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=19		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10792 - Visit 11 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:37 GMT 2006

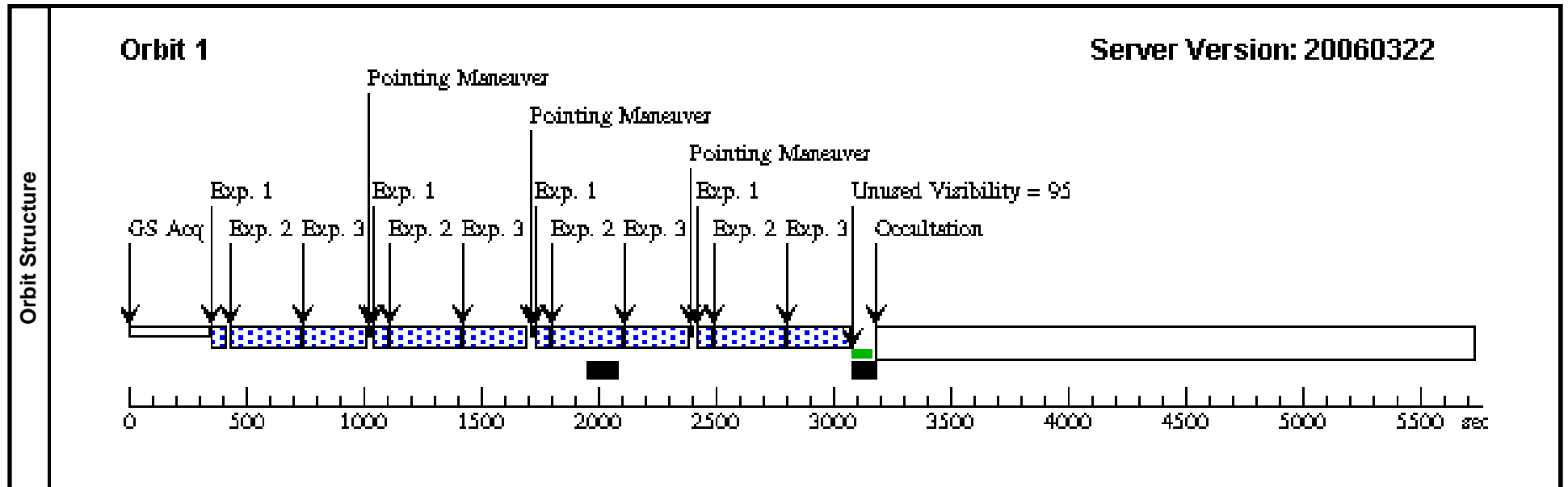
Visit	Proposal 10792, Visit 11 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 11,09 WITHIN 100.0D; GROUP 11,10 WITHIN 100.0D; GROUP 11,12 WITHIN 100.0D <i>Comments: SDSS 1048+4637 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit09, visit10, and visit12 as close as possible but that it is not a critical issue.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	SDSS-J104841.94+463830.8	RA: 10 48 45.0500 (162.1877083d) Dec: +46 37 18.30 (46.62175d) Equinox: J2000		Redshift: 6.23		V=22.4+/-0.2 J18.40, z=6.23		Reference Frame: NED		
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(2) SDSS-J104841.94+463830.8	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(2) SDSS-J104841.94+463830.8	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32; OFFSET=SAM; NSAMP=11		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	3		(2) SDSS-J104841.94+463830.8	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=19		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



Proposal 10792 - Visit 10 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:39 GMT 2006

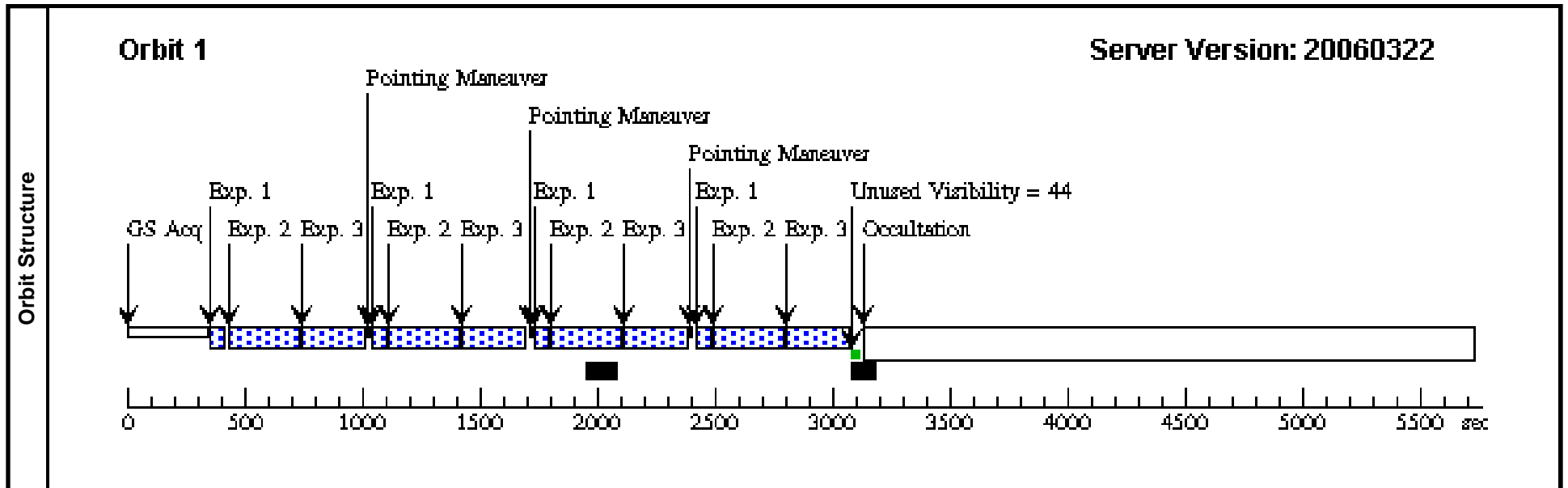
Visit	Proposal 10792, Visit 10 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 10,09 WITHIN 100.0D; GROUP 10,11 WITHIN 100.0D; GROUP 10,12 WITHIN 100.0D <i>Comments: SDSS 1048+4637 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit09, visit11, and visit12 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern		Exposures				
(1)		Pattern Type=NIC-YSTRIP-DITH Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=90 Number Of Points=4 Angle Between Sides= Point Spacing=4 Center Pattern=false Line Spacing=			(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	SDSS-J104841.94+463830.8	RA: 10 48 45.0500 (162.1877083d) Dec: +46 37 18.30 (46.62175d) Equinox: J2000	Redshift: 6.23	V=22.4+/-0.2 J18.40, z=6.23	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) SDSS-J104841.9 4+463830.8	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(2) SDSS-J104841.9 4+463830.8	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32; OFFSET=SAM; NSAMP=11		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3		(2) SDSS-J104841.9 4+463830.8	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=19		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10792 - Visit 04 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:41 GMT 2006

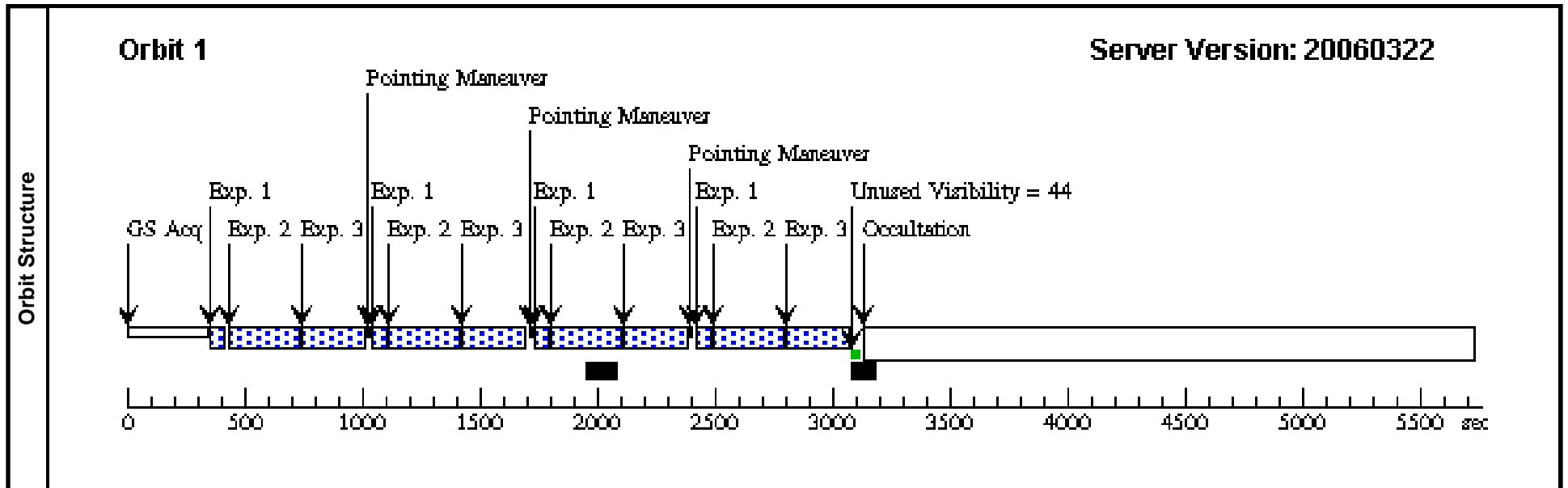
Visit	Proposal 10792, Visit 04 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 04,03 WITHIN 100.0D; GROUP 04,05 WITHIN 100.0D; GROUP 04,06 WITHIN 100.0D <i>Comments: SDSS 1030+0524 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit03, visit05, and visit06 as close as possible but that it is not a critical issue.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=NIC-YSTRIP-DITH		Coordinate Frame=POS-TARG					(1-3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SDSS-J103027.10+052454.9	RA: 10 30 27.1000 (157.6129167d) Dec: +05 24 54.90 (5.41525d) Equinox: J2000		Redshift: 6.28		V=23.23+/-0.43 J18.87, z=6.28		Reference Frame: NED		
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32; OFFSET=SAM; NSAMP=11		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	3		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=19		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



Proposal 10792 - Visit 05 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:43 GMT 2006

Visit	Proposal 10792, Visit 05 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 05,03 WITHIN 100.0D; GROUP 05,04 WITHIN 100.0D; GROUP 05,06 WITHIN 100.0D <i>Comments: SDSS 1030+0524 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit03, visit04, and visit06 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=NIC-YSTRIP-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90 Angle Between Sides= Center Pattern=false		(1-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SDSS-J103027.10+052454.9	RA: 10 30 27.1000 (157.6129167d) Dec: +05 24 54.90 (5.41525d) Equinox: J2000	Redshift: 6.28	V=23.23+/-0.43 J18.87, z=6.28	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=5		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32; OFFSET=SAM; NSAMP=11		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16; OFFSET=SAM; NSAMP=19		Sequence 1-3 Non-Int Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10792 - Visit 06 - Quasars at Redshift z=6 and Early Star Formation History

Sat Jun 24 02:00:45 GMT 2006

Visit	Proposal 10792, Visit 06 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: GROUP 06,03 WITHIN 100.0D; GROUP 06,04 WITHIN 100.0D; GROUP 06,05 WITHIN 100.0D <i>Comments: SDSS 1030+0524 --- G206 (8 spectra), F175W (4 images) could be grouped together with visit03, visit04, and visit05 as close as possible but that it is not a critical issue.</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=NIC-YSTRIP-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90 Angle Between Sides= Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	SDSS-J103027.10+052454.9	RA: 10 30 27.1000 (157.6129167d) Dec: +05 24 54.90 (5.41525d) Equinox: J2000	Redshift: 6.28	V=23.23+/-0.43 J18.87, z=6.28	Reference Frame: NED				
	<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	F175W	SAMP-SEQ=SPARS 16;		Sequence 1-3 Non-Int	[==>(Pattern 1)]	
						OFFSET=SAM;		Pattern 1-3 (1)	[==>(Pattern 2)]	[1]
						NSAMP=5			[==>(Pattern 3)]	
2		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 32;			Sequence 1-3 Non-Int	[==>(Pattern 1)]	
					OFFSET=SAM;			Pattern 1-3 (1)	[==>(Pattern 2)]	[1]
					NSAMP=11				[==>(Pattern 3)]	
3		(1) SDSS-J103027.10+052454.9	NIC3, MULTIACCUM, NIC3	G206	SAMP-SEQ=SPARS 16;			Sequence 1-3 Non-Int	[==>(Pattern 1)]	
					OFFSET=SAM;			Pattern 1-3 (1)	[==>(Pattern 2)]	[1]
					NSAMP=19				[==>(Pattern 3)]	
									[==>(Pattern 4)]	

