



# 12974 - WFC3IR Imaging of UV-Faint $z=6$ Quasars: Star-Forming Host Galaxies of AGN in the Early Universe

Cycle: 20, Proposal Category: GO

(Availability Mode: SUPPORTED)

## INVESTIGATORS

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## 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) CFHQS-J003311.40-012524.9	WFC3/IR	4	03-Sep-2013 21:03:36.0	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>
02	(11) 2MASS-J00171940-0053495	WFC3/IR	1	03-Sep-2013 21:04:07.0	yes
03	(3) SDSS-J012958.51-003539.7	WFC3/IR	4	03-Sep-2013 21:04:29.0	yes
04	(12) 2MASS-J01214343+0332382	WFC3/IR	1	03-Sep-2013 21:04:55.0	yes
05	(5) SDSS-J020332.39+001229.3	WFC3/IR	4	03-Sep-2013 21:05:16.0	yes
06	(13) NLTT-6760	WFC3/IR	1	03-Sep-2013 21:05:38.0	yes
07	(7) NDWFS-J142516.30+325409.0	WFC3/IR	4	03-Sep-2013 21:05:58.0	yes
08	(8) 2MASS-J14225362+3518572	WFC3/IR	1	03-Sep-2013 21:06:19.0	yes
09	(9) SDSS-J205406.42-000514.8	WFC3/IR	4	03-Sep-2013 21:06:42.0	yes
10	(10) 2MASS-J21030529+0244390	WFC3/IR	1	03-Sep-2013 21:07:02.0	yes

25 Total Orbits Used

## ABSTRACT

We propose to study the star-forming host galaxies of AGN at  $z \sim 6$  with WFC3/IR in F125W and F160W. Recently, far-infrared (FIR) continuum has been detected in five UV-faint (rest-frame  $m_{1450} > 20.2$ ) quasars at  $z \sim 6$ , suggesting that they have star formation rates (SFRs) of  $\sim 1000 M_{\text{Sun}}/\text{yr}$ , comparable to UV-bright  $z \sim 6$  quasars. Such SFRs imply a significant young, UV-bright stellar population. These host galaxies have yet to be seen in starlight, however, since light from the AGN still dominates the rest-frame UV emission.

We successfully subtracted the point source in the UV-bright ( $m_{1450} = 19.03$ ) quasar J1148+5251 down to  $\mu_J > 24.4$ ,  $\mu_H > 24.9$  mag arcsec<sup>-2</sup>, giving upper limits of  $m_{1680} > 22.5$ ,  $m_{2160} > 23.0$  mag for the host galaxy (Program 12332, PI Windhorst). Uncertainties in the PSF model remain the dominant source of residuals. Since these uncertainties scale with brightness, low-contrast quasars with UV-faint point sources and UV-bright hosts are the best targets for this method.

Using the observing and subtraction methods we developed, we propose to observe all 5 FIR-detected, UV-faint  $z \sim 6$  quasars with WFC3/IR in F125W and F160W. We request 5 orbits per quasar, for a total of 25 orbits. This program is beyond the capability of ground-based AO facilities, due to depth and PSF stability required. Observations of these host galaxies are critical to determine:

- (a) The existence of a luminous stellar component
- (b) Luminosity and color profiles, to constrain star formation histories

- (c) Morphologies and sizes, to look for mergers and hierarchical formation processes
- (d) Stellar mass, to understand formation and co-evolution of SMBHs and galaxy bulges

### **OBSERVING DESCRIPTION**

We will observe each  $z=6$  quasar for 4 orbits, as well as 1 final orbit for an accompanying PSF measurement star. Each 1-orbit PSF star visit will be executed directly following the 4-orbit quasar visit to ensure a consistent thermal environment for measuring the time- and thermal-dependent PSF.

We use a 4-point dither pattern to recover (via drizzling) Nyquist sampling of the PSF at 1.25 microns.

Persistence effects are avoided through careful dithering, by avoiding chip areas that have been exposed to high fluxes from other targets in the field, and by waiting to observe the bright PSF stars (which will saturate the inner  $\sim 9$  pixels, but with an acceptable count rate read by using STEP25 sample sequence) until the final, 5th orbit.

Spacecraft breathing effects on the PSF are mitigated by:

- 1) selecting PSF stars that have similar celestial coordinates ( $<5$  deg away) to the quasars, to minimize orientation-based effects.
- 2) fully time-sampling the PSF variability within an orbit by taking exposures of the same subpixel dither point at the same orbital phase to sample variability induced by the orbital day-night cycle.

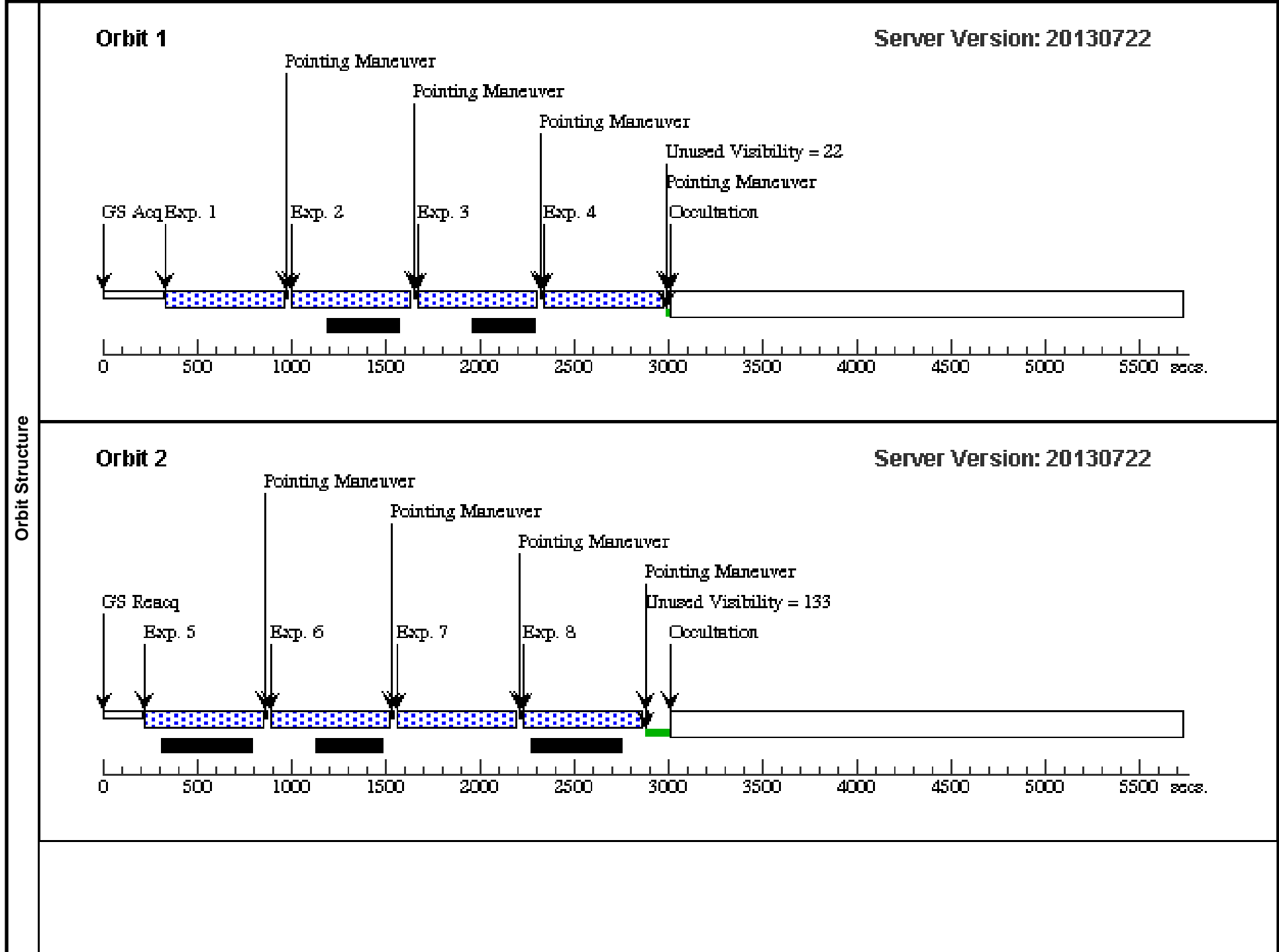
Wavelength-based PSF differences are minimized by selecting PSF stars that match the quasar J-H and H-K colors, thus avoiding halo-like residuals seen when PSF stars are not color-matched.

Each 5-orbit package of quasar+PSF star will be marked ON HOLD awaiting the results of coordinated Gemini observations (approved by the TAC) to pre-select non-binary PSF stars from a list of color- and coordinate-matched candidates. As soon as a suitable PSF star is vetted by Gemini, the quasar/PSF star pair will have their ON HOLD requirement removed.

<b>Visit</b>	<p><b>Proposal 12974, CFHQS00 Quasar (01), implementation</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 100%; ORIENT 14D TO 54 D; ORIENT 106D TO 140 D; ORIENT 190D TO 230 D; ORIENT 295D TO 324 D</p> <p><i>Comments: To ensure maximum thermal stability (and thus PSF stability) for these PSF-sensitive observations, we request one of the following constraints, _if possible and if they do not interfere with the schedulability of other programs_.</i></p> <p><i>1) If our observations occur directly after an SAA transit, that the telescope be slewed to our initial pointing _before_ the SAA transit, allowing thermal settling to occur during the transit.</i></p> <p><i>2) Our observations occur directly after observations on a nearby target, to minimize the change in pointing angle (and thus thermal settling time) at the beginning of our observations.</i></p>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
	(1)	CFHQS-J003311.40-012524.9	RA: 00 33 11.4000 (8.2975000d) Dec: -01 25 24.90 (-1.42358d) Equinox: J2000		V=(?) z=21.78	Reference Frame: ICRS

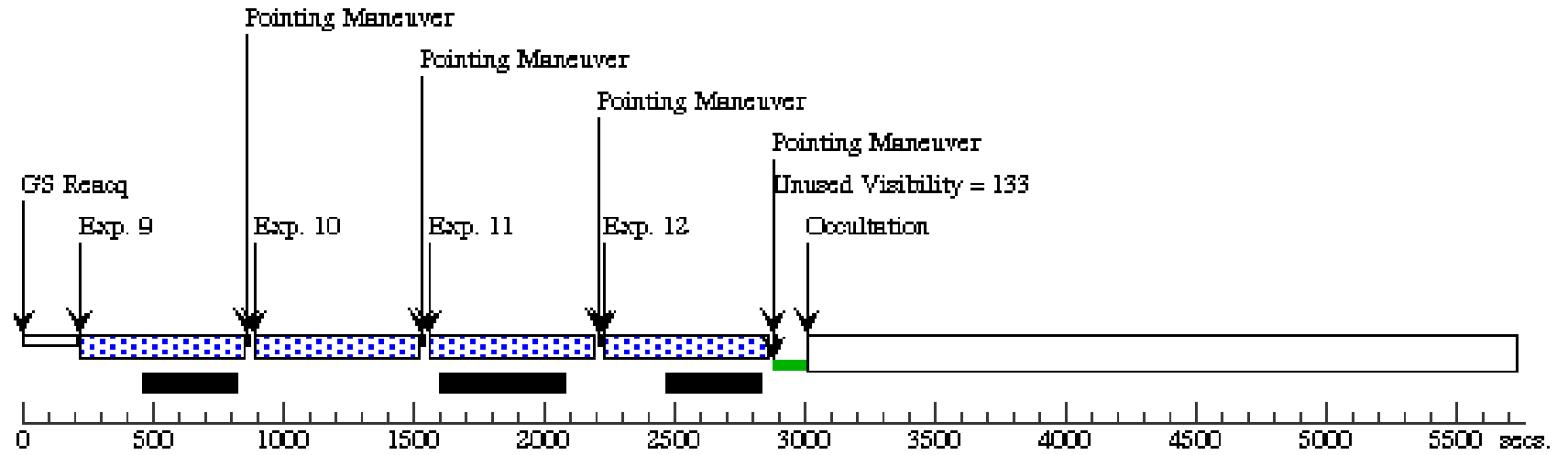
Proposal 12974 - CFHQS00 Quasar (01) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Earl...

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	QSO H 1D1 (WFC3IR.i m.415138)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.7,7.744	Sequence 1-4 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[1]
	2	QSO H 1D2 (WFC3IR.i m.415138)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 2.7,7.9255	Sequence 1-4 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[1]
	3	QSO H 1D3 (WFC3IR.i m.415138)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 2.4975,12.584	Sequence 1-4 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[1]
	4	QSO H 1D4 (WFC3IR.i m.415138)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.9025,12.4025	Sequence 1-4 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[1]
	5	QSO H 2D1 (WFC3IR.i m.415138)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -3.375,7.744	Sequence 5-8 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[2]
	6	QSO H 2D2 (WFC3IR.i m.415138)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 2.025,7.9255	Sequence 5-8 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[2]
	7	QSO H 2D3 (WFC3IR.i m.415138)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 1.8225,12.584	Sequence 5-8 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[2]
	8	QSO H 2D4 (WFC3IR.i m.415138)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -3.5775,12.4025	Sequence 5-8 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[2]
	9	QSO J 1D1 (WFC3IR.i m.415127)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.7,8.349	Sequence 9-12 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[3]
	10	QSO J 1D2 (WFC3IR.i m.415127)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 2.7,8.5305	Sequence 9-12 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[3]
	11	QSO J 1D3 (WFC3IR.i m.415127)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 2.4975,13.189	Sequence 9-12 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[3]
	12	QSO J 1D4 (WFC3IR.i m.415127)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.9025,13.0075	Sequence 9-12 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[3]
	13	QSO J 2D1 (WFC3IR.i m.415127)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.025,7.744	Sequence 13-16 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[4]
	14	QSO J 2D2 (WFC3IR.i m.415127)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 3.375,7.9255	Sequence 13-16 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[4]
	15	QSO J 2D3 (WFC3IR.i m.415127)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 3.1725,12.584	Sequence 13-16 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[4]
	16	QSO J 2D4 (WFC3IR.i m.415127)	(1) CFHQS-J003311. 40-012524.9	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.2275,12.4025	Sequence 13-16 Non-Int in CFHQS00 Quasar (01)	602.937703 Secs (602.938 Secs) [==>]	[4]



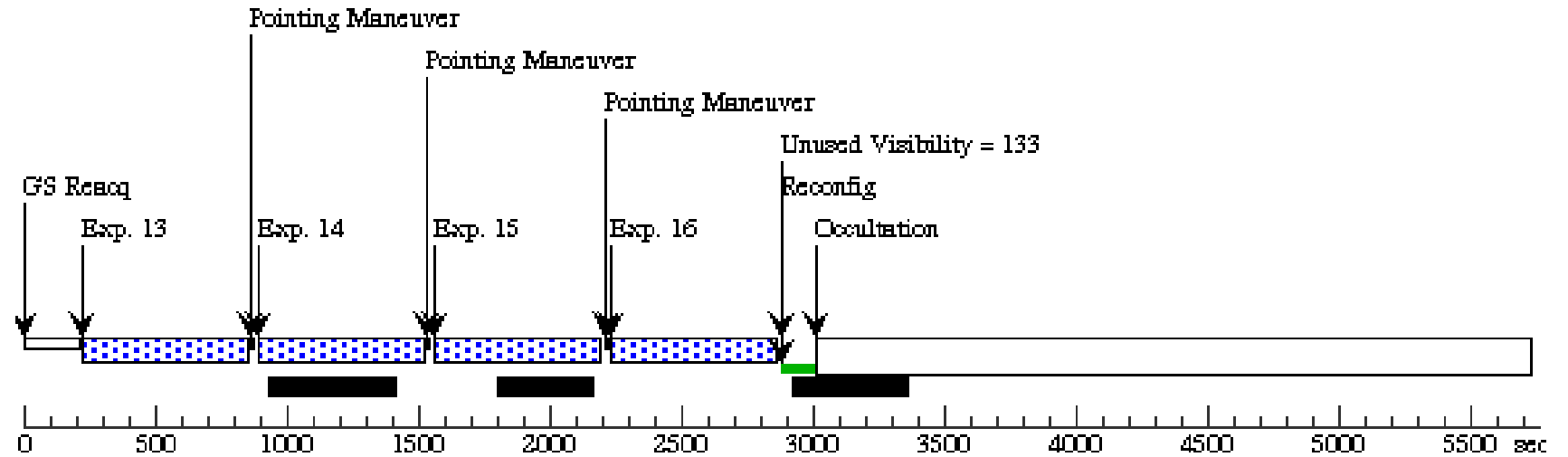
**Orbit 3**

Server Version: 20130722



**Orbit 4**

Server Version: 20130722



Proposal 12974 - CFHQS00 Star (02) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Early U...

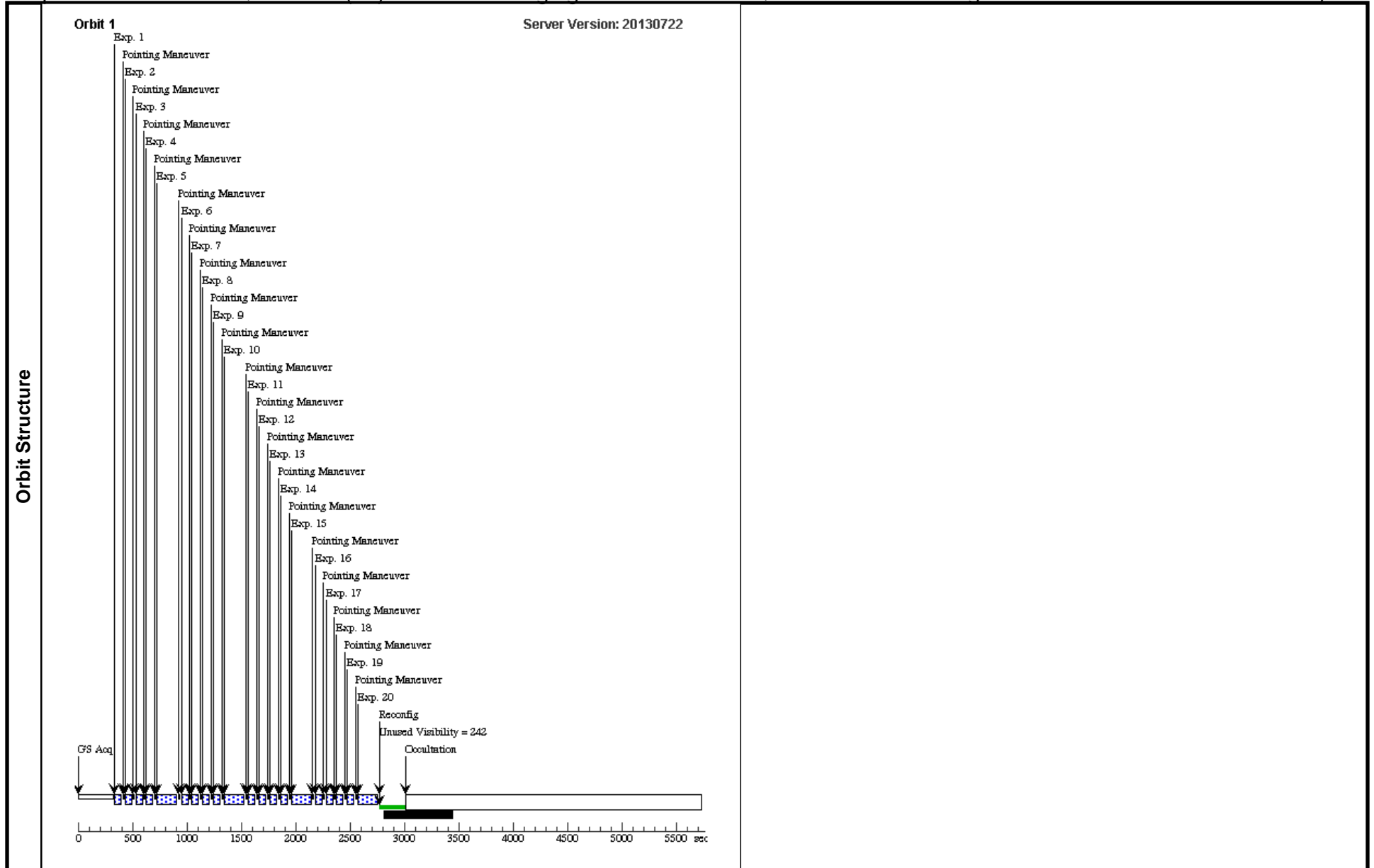
<b>Visit</b>	Proposal 12974, CFHQS00 Star (02), implementation <span style="float: right;">Wed Sep 04 01:07:19 GMT 2013</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 100%; AFTER 01 BY 3.8 Orbits TO 4.2 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(11)		2MASS-J00171940-0053495	RA: 00 17 19.4000 (4.3308333d) Dec: -00 53 49.60 (-.89711d) Equinox: J2000		V=(?) H 14.33	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 12974 - CFHQS00 Star (02) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Early U...

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	Star H D1-1 (WFC3IR.im.529787)	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 4.59,4.14	Sequence 1-5 Non-Int in CFHQS00 Star (02)	36.754642 Secs (36.755 Secs) [==>]	[1]
	2	Star H D1-2	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 5.94,4.14	Sequence 1-5 Non-Int in CFHQS00 Star (02)	36.754642 Secs (36.755 Secs) [==>]	[1]
	3	Star J D1-3 (WFC3IR.im.529788)	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 4.59,5.324	Sequence 1-5 Non-Int in CFHQS00 Star (02)	36.754642 Secs (36.755 Secs) [==>]	[1]
	4	Star J D1-4	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 3.24,4.14	Sequence 1-5 Non-Int in CFHQS00 Star (02)	36.754642 Secs (36.755 Secs) [==>]	[1]
	5	Star J D1-M1	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F127M	NSAMP=8; SAMP-SEQ=SPARS25	POS TARG 4.59,2.904	Sequence 1-5 Non-Int in CFHQS00 Star (02)	156.700088 Secs (156.7 Secs) [==>]	[1]
	6	Star H D2-1	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 4.59,8.0465	Sequence 6-10 Non-Int in CFHQS00 Star (02)	36.754642 Secs (36.755 Secs) [==>]	[1]
	7	Star H D2-2	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 5.94,8.0465	Sequence 6-10 Non-Int in CFHQS00 Star (02)	36.754642 Secs (36.755 Secs) [==>]	[1]
	8	Star J D2-3	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 4.59,9.2565	Sequence 6-10 Non-Int in CFHQS00 Star (02)	36.754642 Secs (36.755 Secs) [==>]	[1]
	9	Star J D2-4	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 3.24,8.0465	Sequence 6-10 Non-Int in CFHQS00 Star (02)	36.754642 Secs (36.755 Secs) [==>]	[1]
	10	Star J D2-M1	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F127M	NSAMP=8; SAMP-SEQ=SPARS25	POS TARG 4.59,6.8365	Sequence 6-10 Non-Int in CFHQS00 Star (02)	156.700088 Secs (156.7 Secs) [==>]	[1]
	11	Star H D3-1	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 8.9775,8.0465	Sequence 11-15 Non-Int in CFHQS00 Star (02)	36.754642 Secs (36.755 Secs) [==>]	[1]
	12	Star H D3-2	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 10.3275,8.0465	Sequence 11-15 Non-Int in CFHQS00 Star (02)	36.754642 Secs (36.755 Secs) [==>]	[1]
	13	Star J D3-3	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 8.9775,9.2565	Sequence 11-15 Non-Int in CFHQS00 Star (02)	36.754642 Secs (36.755 Secs) [==>]	[1]
	14	Star J D3-4	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 7.6275,8.0465	Sequence 11-15 Non-Int in CFHQS00 Star (02)	36.754642 Secs (36.755 Secs) [==>]	[1]
	15	Star J D3-M1	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F127M	NSAMP=8; SAMP-SEQ=SPARS25	POS TARG 8.9775,6.8365	Sequence 11-15 Non-Int in CFHQS00 Star (02)	156.700088 Secs (156.7 Secs) [==>]	[1]
	16	Star H D4-1	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 8.9775,4.114	Sequence 16-20 Non-Int in CFHQS00 Star (02)	36.754642 Secs (36.755 Secs) [==>]	[1]

Proposal 12974 - CFHQS00 Star (02) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Early U...

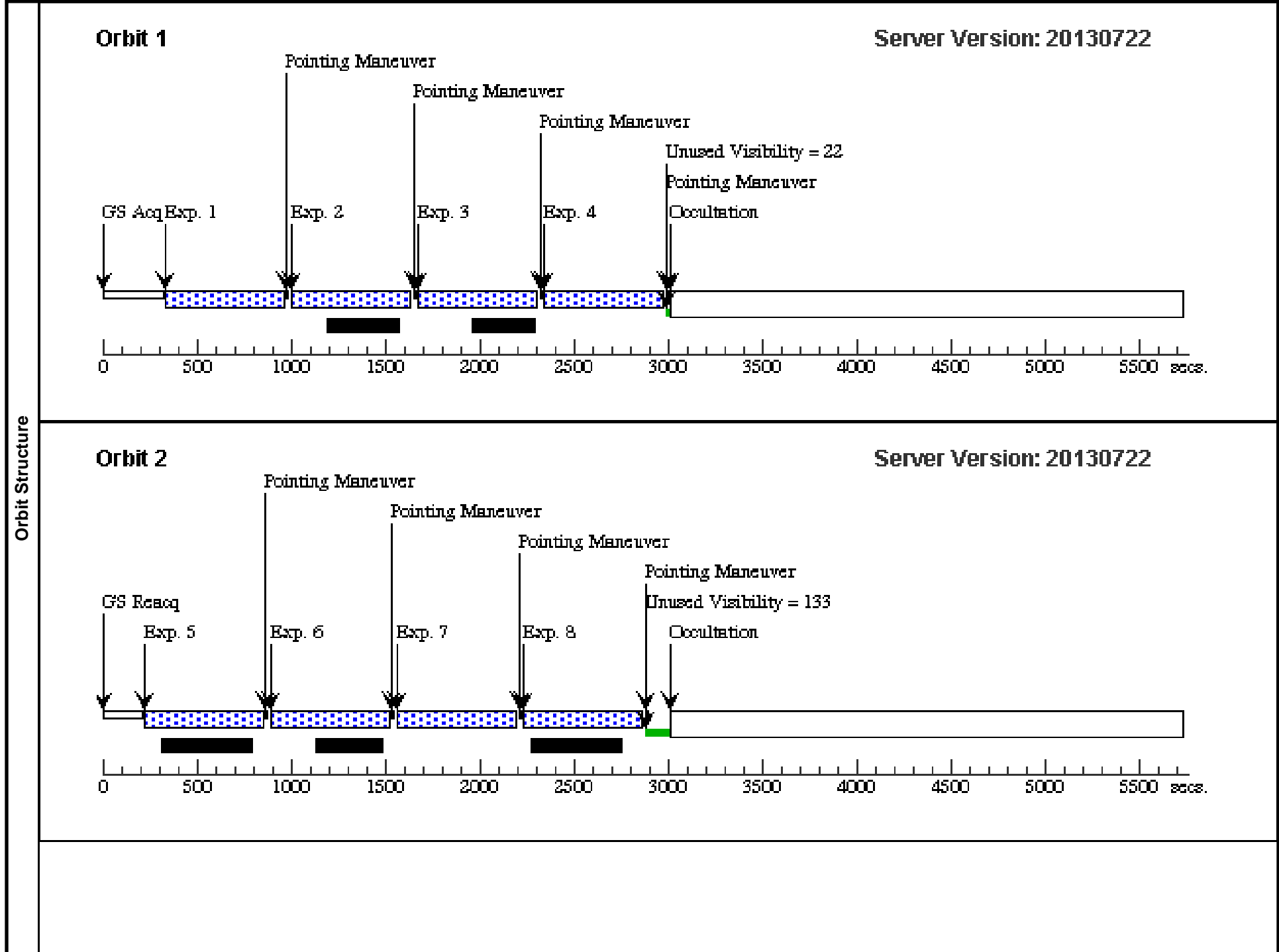
17	Star H D4-2	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP2 5	POS TARG 10.3275, 4.114	Sequence 16-20 Non -Int in CFHQS00 Sta r (02)	36.754642 Secs (36.755 Secs) [==>]	[1]
18	Star J D4-3	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP2 5	POS TARG 8.9775,5 .324	Sequence 16-20 Non -Int in CFHQS00 Sta r (02)	36.754642 Secs (36.755 Secs) [==>]	[1]
19	Star J D4-4	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP2 5	POS TARG 7.6275,4 .114	Sequence 16-20 Non -Int in CFHQS00 Sta r (02)	36.754642 Secs (36.755 Secs) [==>]	[1]
20	Star J D4-M 1	(11) 2MASS-J00171 940-0053495	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F127M	NSAMP=8; SAMP-SEQ=SPAR S25	POS TARG 8.9775,2 .904	Sequence 16-20 Non -Int in CFHQS00 Sta r (02)	156.700088 Secs (156.7 Secs) [==>]	[1]



<b>Visit</b>	<p><b>Proposal 12974, SDSSJ01 Quasar (03), implementation</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 100%</p> <p><i>Comments: To ensure maximum thermal stability (and thus PSF stability) for these PSF-sensitive observations, we request one of the following constraints, _if possible and if they do not interfere with the schedulability of other programs_.</i></p> <p><i>1) If our observations occur directly after an SAA transit, that the telescope be slewed to our initial pointing _before_ the SAA transit, allowing thermal settling to occur during the transit.</i></p> <p><i>2) Our observations occur directly after observations on a nearby target, to minimize the change in pointing angle (and thus thermal settling time) at the beginning of our observations.</i></p>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(3)		SDSS-J012958.51-003539.7	RA: 01 29 58.5100 (22.4937917d) Dec: -00 35 39.70 (-.59436d) Equinox: J2000		V=(?) z=22.8	Reference Frame: ICRS

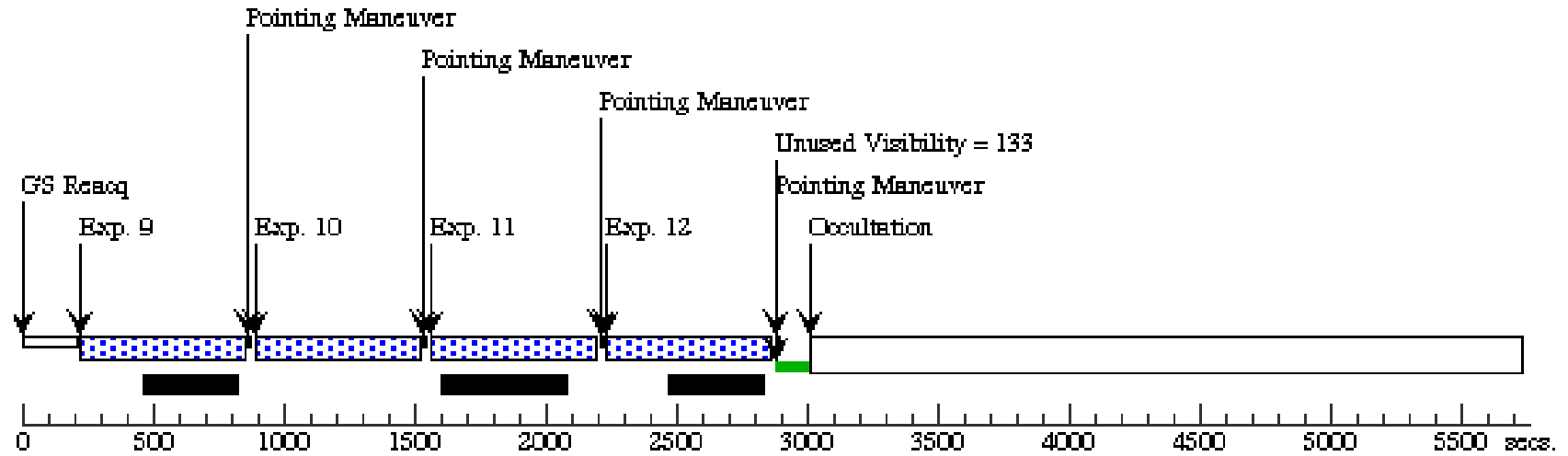
Proposal 12974 - SDSSJ01 Quasar (03) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Earl...

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	QSO H 1D1 (WFC3IR.i m.415138)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.7,7.7 44	Sequence 1-4 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[1]
	2	QSO H 1D2 (WFC3IR.i m.415138)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 2.7,7.92 55	Sequence 1-4 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[1]
	3	QSO H 1D3 (WFC3IR.i m.415138)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 2.4975,1 2.584	Sequence 1-4 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[1]
	4	QSO H 1D4 (WFC3IR.i m.415138)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.9025, 12.4025	Sequence 1-4 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[1]
	5	QSO H 2D1 (WFC3IR.i m.415138)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -3.375,7 .744	Sequence 5-8 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[2]
	6	QSO H 2D2 (WFC3IR.i m.415138)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 2.025,7. 9255	Sequence 5-8 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[2]
	7	QSO H 2D3 (WFC3IR.i m.415138)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 1.8225,1 2.584	Sequence 5-8 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[2]
	8	QSO H 2D4 (WFC3IR.i m.415138)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -3.5775, 12.4025	Sequence 5-8 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[2]
	9	QSO J 1D1 (WFC3IR.i m.415127)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.7,8.3 49	Sequence 9-12 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[3]
	10	QSO J 1D2 (WFC3IR.i m.415127)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 2.7,8.53 05	Sequence 9-12 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[3]
	11	QSO J 1D3 (WFC3IR.i m.415127)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 2.4975,1 3.189	Sequence 9-12 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[3]
	12	QSO J 1D4 (WFC3IR.i m.415127)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.9025, 13.0075	Sequence 9-12 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[3]
	13	QSO J 2D1 (WFC3IR.i m.415127)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.025,7 .744	Sequence 13-16 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[4]
	14	QSO J 2D2 (WFC3IR.i m.415127)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 3.375,7. 9255	Sequence 13-16 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[4]
	15	QSO J 2D3 (WFC3IR.i m.415127)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 3.1725,1 2.584	Sequence 13-16 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[4]
	16	QSO J 2D4 (WFC3IR.i m.415127)	(3) SDSS-J012958.5 1-003539.7	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.2275, 12.4025	Sequence 13-16 Non-Int in SDSSJ01 Quasar (03)	602.937703 Secs (602.938 Secs) [==>]	[4]



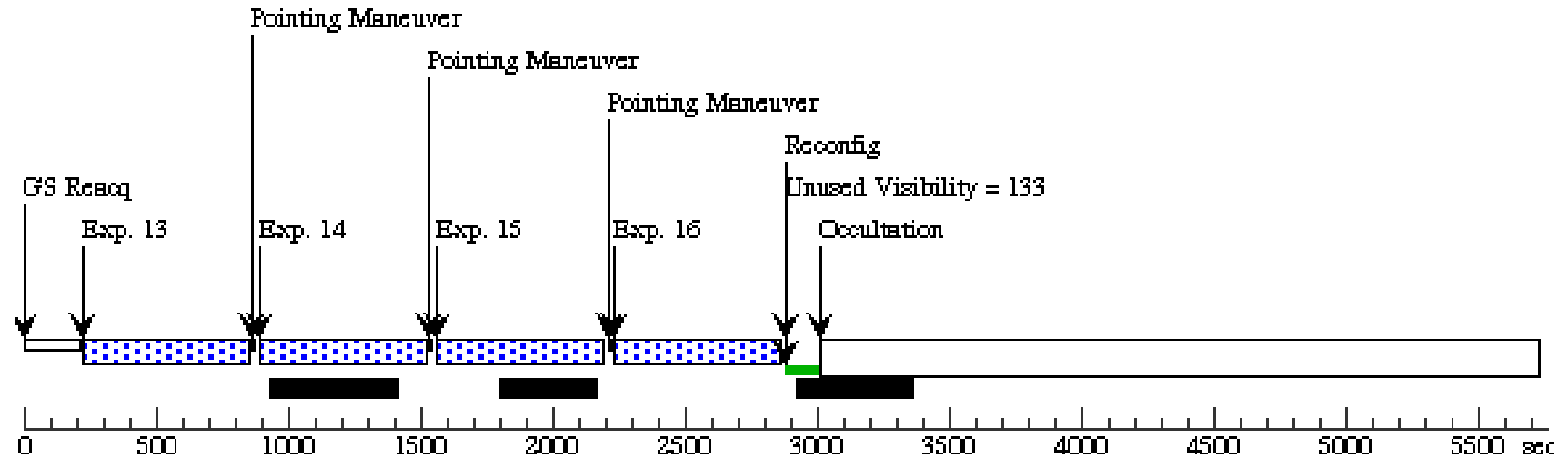
**Orbit 3**

Server Version: 20130722



**Orbit 4**

Server Version: 20130722



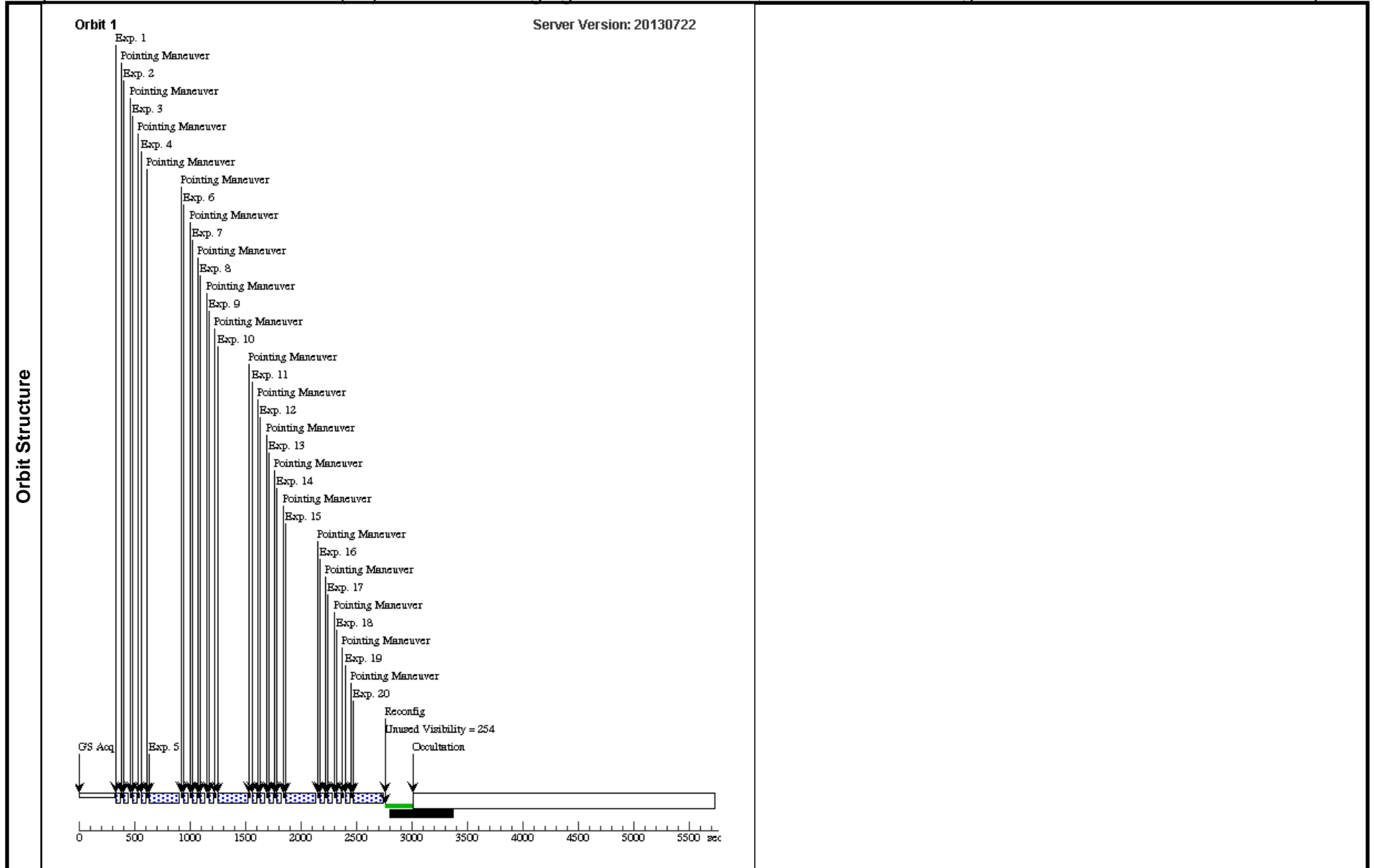
<b>Visit</b>	Proposal 12974, SDSSJ01 Star (04), implementation <span style="float: right;">Wed Sep 04 01:07:23 GMT 2013</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 100%; AFTER 03 BY 3.8 Orbits TO 4.2 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(12)		2MASS- J01214343+0332382	RA: 01 21 43.4400 (20.4310000d) Dec: +03 32 38.20 (3.54394d) Equinox: J2000		V=(?) H 13.33	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.						

Proposal 12974 - SDSSJ01 Star (04) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Early U...

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	Star H D1-1 (WFC3IR.i m.529795)	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 4.59,4.1 14	Sequence 1-5 Non-Int in SDSSJ01 Star (0 4)	13.833391 Secs (13.833 Secs) [==>]	[1]
	2	Star H D1-2	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 5.94,4.1 14	Sequence 1-5 Non-Int in SDSSJ01 Star (0 4)	13.833391 Secs (13.833 Secs) [==>]	[1]
	3	Star J D1-3 (WFC3IR.i m.529788)	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 4.59,5.3 24	Sequence 1-5 Non-Int in SDSSJ01 Star (0 4)	13.833391 Secs (13.833 Secs) [==>]	[1]
	4	Star J D1-4	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 3.24,4.1 14	Sequence 1-5 Non-Int in SDSSJ01 Star (0 4)	13.833391 Secs (13.833 Secs) [==>]	[1]
	5	Star J D1-M 1 (WFC3IR.i m.529802)	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F126N	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 4.59,2.9 04	Sequence 1-5 Non-Int in SDSSJ01 Star (0 4)	246.084244 Secs (246.084 Secs) [==>]	[1]
	6	Star H D2-1	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 4.59,8.0 465	Sequence 6-10 Non-Int in SDSSJ01 Star (0 4)	13.833391 Secs (13.833 Secs) [==>]	[1]
	7	Star H D2-2	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 5.94,8.0 465	Sequence 6-10 Non-Int in SDSSJ01 Star (0 4)	13.833391 Secs (13.833 Secs) [==>]	[1]
	8	Star J D2-3	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 4.59,9.2 565	Sequence 6-10 Non-Int in SDSSJ01 Star (0 4)	13.833391 Secs (13.833 Secs) [==>]	[1]
	9	Star J D2-4	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 3.24,8.0 465	Sequence 6-10 Non-Int in SDSSJ01 Star (0 4)	13.833391 Secs (13.833 Secs) [==>]	[1]
	10	Star J D2-M 1	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F126N	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 4.59,6.8 365	Sequence 6-10 Non-Int in SDSSJ01 Star (0 4)	246.084244 Secs (246.084 Secs) [==>]	[1]
	11	Star H D3-1	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 8.9775,8 .0465	Sequence 11-15 Non-Int in SDSSJ01 Star (0 4)	13.833391 Secs (13.833 Secs) [==>]	[1]
	12	Star H D3-2	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 10.3275, 8.0465	Sequence 11-15 Non-Int in SDSSJ01 Star (0 4)	13.833391 Secs (13.833 Secs) [==>]	[1]
	13	Star J D3-3	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 8.9775,9 .2565	Sequence 11-15 Non-Int in SDSSJ01 Star (0 4)	13.833391 Secs (13.833 Secs) [==>]	[1]
	14	Star J D3-4	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 7.6275,8 .0465	Sequence 11-15 Non-Int in SDSSJ01 Star (0 4)	13.833391 Secs (13.833 Secs) [==>]	[1]
	15	Star J D3-M 1	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F126N	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 8.9775,6 .8365	Sequence 11-15 Non-Int in SDSSJ01 Star (0 4)	246.084244 Secs (246.084 Secs) [==>]	[1]
	16	Star H D4-1	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 8.9775,4 .114	Sequence 16-20 Non-Int in SDSSJ01 Star (0 4)	13.833391 Secs (13.833 Secs) [==>]	[1]

Proposal 12974 - SDSSJ01 Star (04) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Early U...

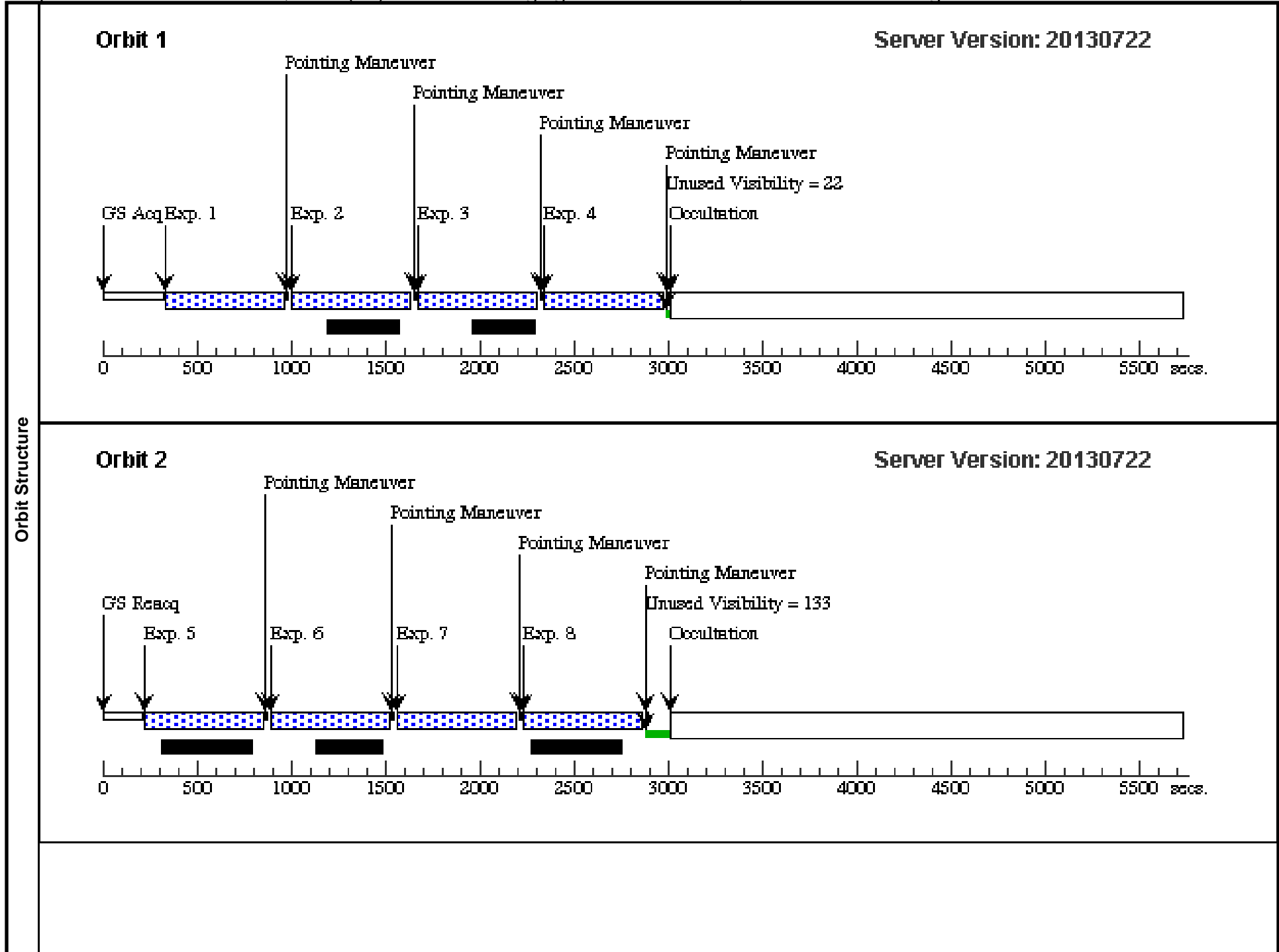
17	Star H D4-2	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 10.3275, 4.114	Sequence 16-20 Non -Int in SDSSJ01 Star (04)	13.833391 Secs (13.833 Secs)	[==>]	[1]
18	Star J D4-3	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 8.9775,5 .324	Sequence 16-20 Non -Int in SDSSJ01 Star (04)	13.833391 Secs (13.833 Secs)	[==>]	[1]
19	Star J D4-4	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=5; SAMP-SEQ=STEP2 5	POS TARG 7.6275,4 .114	Sequence 16-20 Non -Int in SDSSJ01 Star (04)	13.833391 Secs (13.833 Secs)	[==>]	[1]
20	Star J D4-M 1	(12) 2MASS-J01214 343+0332382	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F126N	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 8.9775,2 .904	Sequence 16-20 Non -Int in SDSSJ01 Star (04)	246.084244 Secs (246.084 Secs)	[==>]	[1]



<b>Visit</b>	<p><b>Proposal 12974, SDSSJ02 Quasar (05), implementation</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 100%; ORIENT 335D TO 34 D; ORIENT 65D TO 115 D; ORIENT 155D TO 210 D; ORIENT 248D TO 300 D</p> <p><i>Comments: To ensure maximum thermal stability (and thus PSF stability) for these PSF-sensitive observations, we request one of the following constraints, _if possible and if they do not interfere with the schedulability of other programs_.</i></p> <p><i>1) If our observations occur directly after an SAA transit, that the telescope be slewed to our initial pointing _before_ the SAA transit, allowing thermal settling to occur during the transit.</i></p> <p><i>2) Our observations occur directly after observations on a nearby target, to minimize the change in pointing angle (and thus thermal settling time) at the beginning of our observations.</i></p>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(5)		SDSS-J020332.39+001229.3	RA: 02 03 32.3900 (30.8849583d) Dec: +00 12 29.30 (.20814d) Equinox: J2000		V=(?) z=20.97	Reference Frame: ICRS

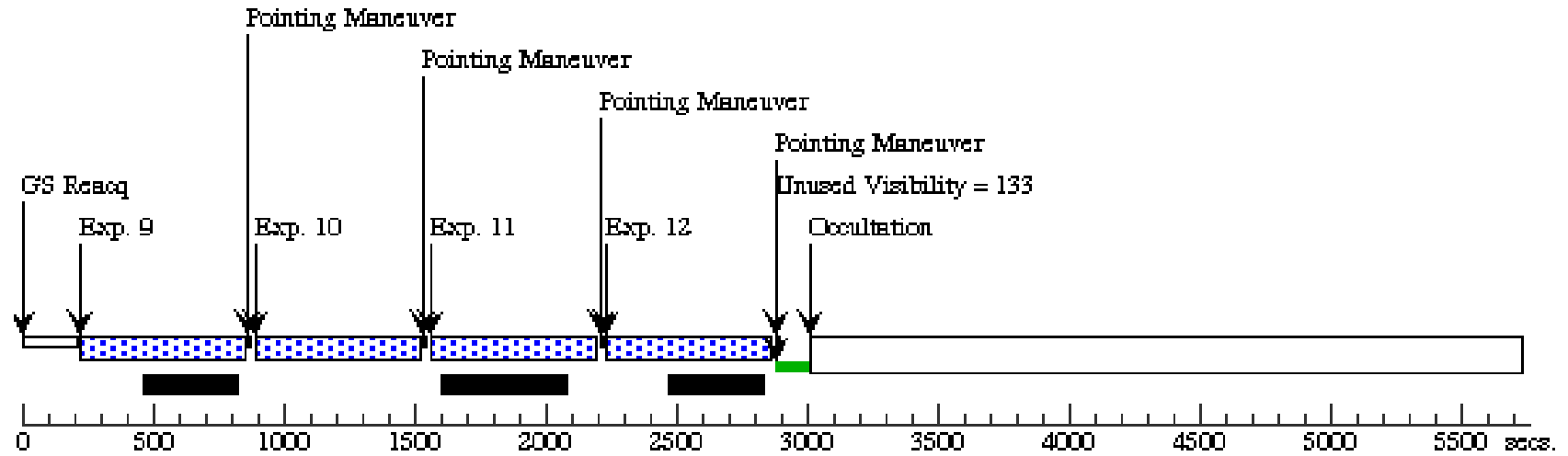
Proposal 12974 - SDSSJ02 Quasar (05) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Earl...

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	QSO H 1D1 (WFC3IR.i m.415138)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.7,7.7 44	Sequence 1-4 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[1]
	2	QSO H 1D2 (WFC3IR.i m.415138)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 2.7,7.92 55	Sequence 1-4 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[1]
	3	QSO H 1D3 (WFC3IR.i m.415138)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 2.4975,1 2.584	Sequence 1-4 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[1]
	4	QSO H 1D4 (WFC3IR.i m.415138)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.9025, 12.4025	Sequence 1-4 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[1]
	5	QSO H 2D1 (WFC3IR.i m.415138)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -3.375,7 .744	Sequence 5-8 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[2]
	6	QSO H 2D2 (WFC3IR.i m.415138)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 2.025,7. 9255	Sequence 5-8 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[2]
	7	QSO H 2D3 (WFC3IR.i m.415138)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 1.8225,1 2.584	Sequence 5-8 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[2]
	8	QSO H 2D4 (WFC3IR.i m.415138)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -3.5775, 12.4025	Sequence 5-8 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[2]
	9	QSO J 1D1 (WFC3IR.i m.415127)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.7,8.3 49	Sequence 9-12 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[3]
	10	QSO J 1D2 (WFC3IR.i m.415127)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 2.7,8.53 05	Sequence 9-12 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[3]
	11	QSO J 1D3 (WFC3IR.i m.415127)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 2.4975,1 3.189	Sequence 9-12 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[3]
	12	QSO J 1D4 (WFC3IR.i m.415127)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.9025, 13.0075	Sequence 9-12 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[3]
	13	QSO J 2D1 (WFC3IR.i m.415127)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.025,7 .744	Sequence 13-16 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[4]
	14	QSO J 2D2 (WFC3IR.i m.415127)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 3.375,7. 9255	Sequence 13-16 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[4]
	15	QSO J 2D3 (WFC3IR.i m.415127)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 3.1725,1 2.584	Sequence 13-16 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[4]
	16	QSO J 2D4 (WFC3IR.i m.415127)	(5) SDSS-J020332.3 9+001229.3	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -2.2275, 12.4025	Sequence 13-16 Non-Int in SDSSJ02 Quasar (05)	602.937703 Secs (602.938 Secs) [==>]	[4]



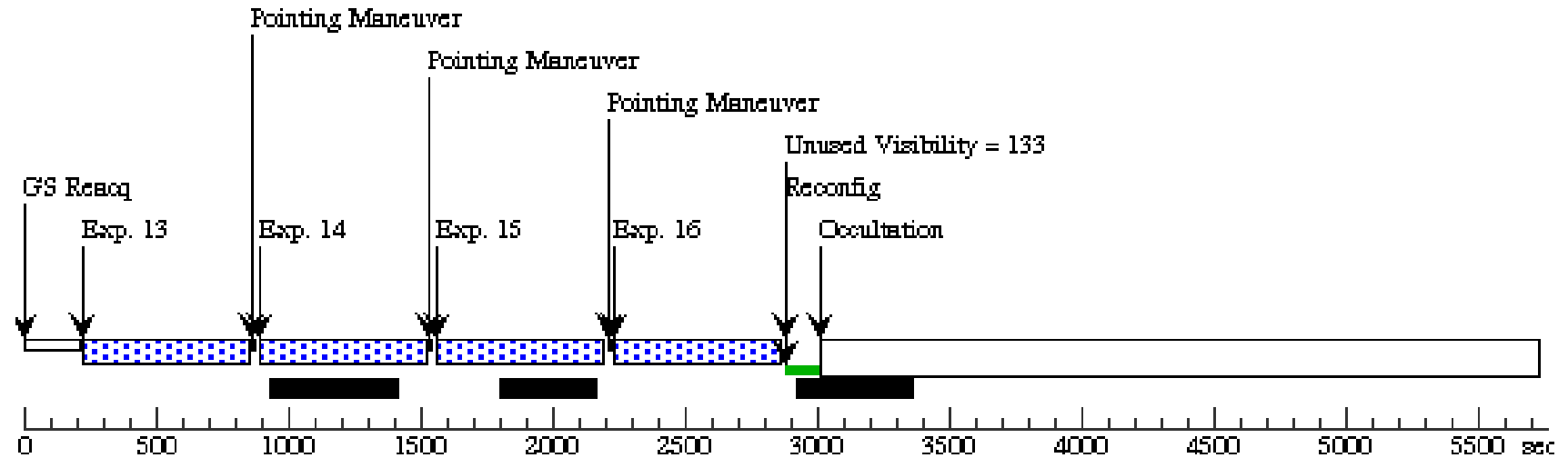
**Orbit 3**

Server Version: 20130722



**Orbit 4**

Server Version: 20130722



Proposal 12974 - SDSSJ02 Star (06) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Early U...

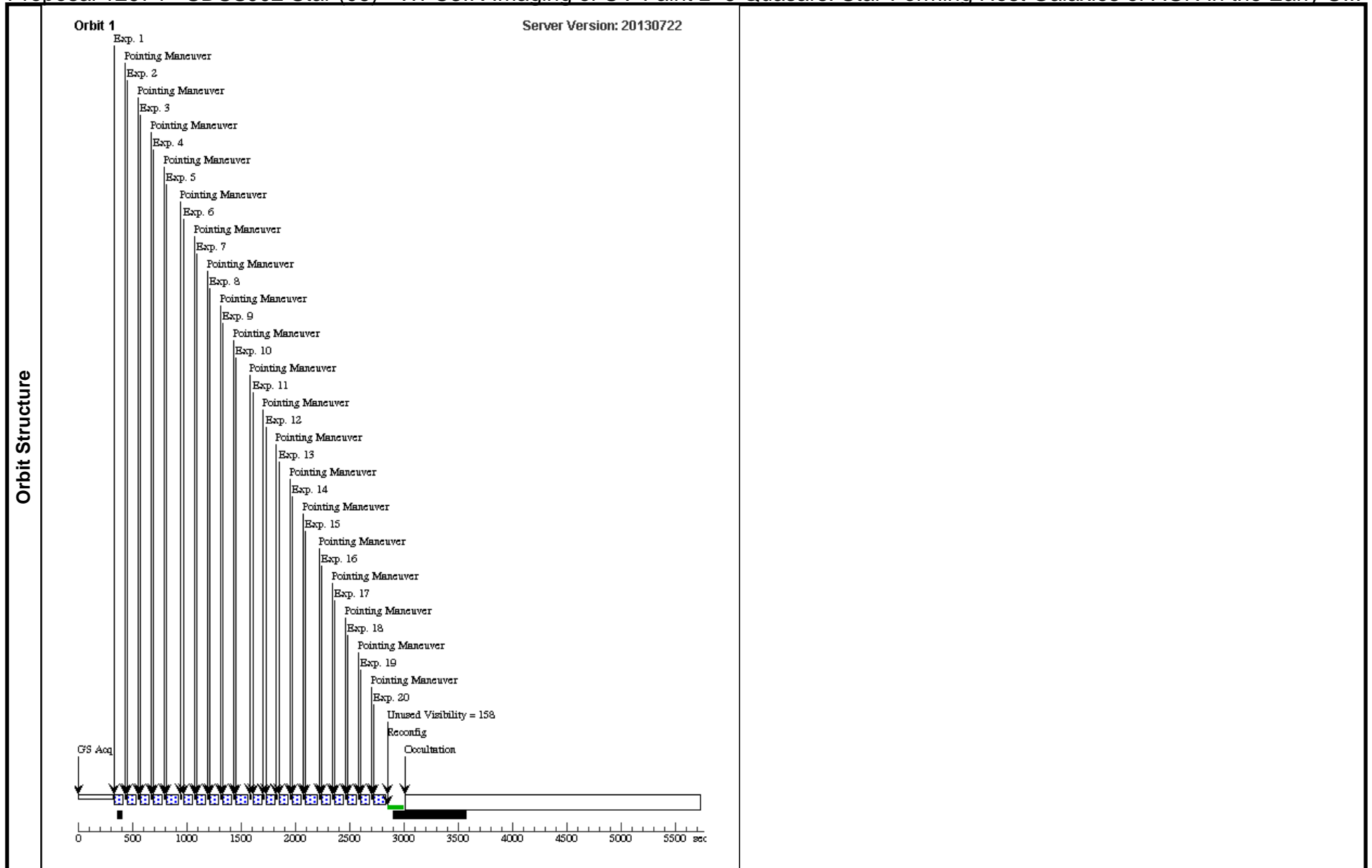
<b>Visit</b>	Proposal 12974, SDSSJ02 Star (06), implementation <span style="float: right;">Wed Sep 04 01:07:26 GMT 2013</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 100%; AFTER .05 BY 3.8 Orbits TO 4.2 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(13)		NLTT-6760	RA: 02 01 17.1300 (30.3213750d) Dec: +02 17 29.60 (2.29156d) Equinox: J2000		V=(?) H 15.13	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 12974 - SDSSJ02 Star (06) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Early U...

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	Star H D1-1 (13) NLTT-6760 (WFC3IR.i m.529809)	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=7; SAMP-SEQ=STEP25	POS TARG 4.59,4.114	Sequence 1-5 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs) [==>]	[1]	
	2	Star H D1-2 (13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=7; SAMP-SEQ=STEP25	POS TARG 5.94,4.114	Sequence 1-5 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs) [==>]	[1]	
	3	Star J D1-3 (13) NLTT-6760 (WFC3IR.i m.529815)	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=7; SAMP-SEQ=STEP25	POS TARG 4.59,5.324	Sequence 1-5 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs) [==>]	[1]	
	4	Star J D1-4 (13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=7; SAMP-SEQ=STEP25	POS TARG 3.24,4.114	Sequence 1-5 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs) [==>]	[1]	
	5	Star J D1-M 1 (WFC3IR.i m.529817)	(13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F126N	NSAMP=5; SAMP-SEQ=SPARS25	POS TARG 4.59,2.904	Sequence 1-5 Non-Int in SDSSJ02 Star (06)	89.661971 Secs (89.662 Secs) [==>]	[1]
	6	Star H D2-1 (13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=7; SAMP-SEQ=STEP25	POS TARG 4.59,8.0465	Sequence 6-10 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs) [==>]	[1]	
	7	Star H D2-2 (13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=7; SAMP-SEQ=STEP25	POS TARG 5.94,8.0465	Sequence 6-10 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs) [==>]	[1]	
	8	Star J D2-3 (13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=7; SAMP-SEQ=STEP25	POS TARG 4.59,9.2565	Sequence 6-10 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs) [==>]	[1]	
	9	Star J D2-4 (13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=7; SAMP-SEQ=STEP25	POS TARG 3.24,8.0465	Sequence 6-10 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs) [==>]	[1]	
	10	Star J D2-M 1	(13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F126N	NSAMP=5; SAMP-SEQ=SPARS25	POS TARG 4.59,6.8365	Sequence 6-10 Non-Int in SDSSJ02 Star (06)	89.661971 Secs (89.662 Secs) [==>]	[1]
	11	Star H D3-1 (13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=7; SAMP-SEQ=STEP25	POS TARG 8.9775,8.0465	Sequence 11-15 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs) [==>]	[1]	
	12	Star H D3-2 (13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=7; SAMP-SEQ=STEP25	POS TARG 10.3275,8.0465	Sequence 11-15 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs) [==>]	[1]	
	13	Star J D3-3 (13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=7; SAMP-SEQ=STEP25	POS TARG 8.9775,9.2565	Sequence 11-15 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs) [==>]	[1]	
	14	Star J D3-4 (13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=7; SAMP-SEQ=STEP25	POS TARG 7.6275,8.0465	Sequence 11-15 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs) [==>]	[1]	
	15	Star J D3-M 1	(13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F126N	NSAMP=5; SAMP-SEQ=SPARS25	POS TARG 8.9775,6.8365	Sequence 11-15 Non-Int in SDSSJ02 Star (06)	89.661971 Secs (89.662 Secs) [==>]	[1]
	16	Star H D4-1 (13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=7; SAMP-SEQ=STEP25	POS TARG 8.9775,4.114	Sequence 16-20 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs) [==>]	[1]	

Proposal 12974 - SDSSJ02 Star (06) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Early U...

17	Star H D4-2 (13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=7; SAMP-SEQ=STEP2 5	POS TARG 10.3275, 4.114	Sequence 16-20 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs)	[==>]	[1]
18	Star J D4-3 (13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=7; SAMP-SEQ=STEP2 5	POS TARG 8.9775,5 .324	Sequence 16-20 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs)	[==>]	[1]
19	Star J D4-4 (13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=7; SAMP-SEQ=STEP2 5	POS TARG 7.6275,4 .114	Sequence 16-20 Non-Int in SDSSJ02 Star (06)	59.675893 Secs (59.676 Secs)	[==>]	[1]
20	Star J D4-M 1 (13) NLTT-6760	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F126N	NSAMP=5; SAMP-SEQ=SPAR S25	POS TARG 8.9775,2 .904	Sequence 16-20 Non-Int in SDSSJ02 Star (06)	89.661971 Secs (89.662 Secs)	[==>]	[1]

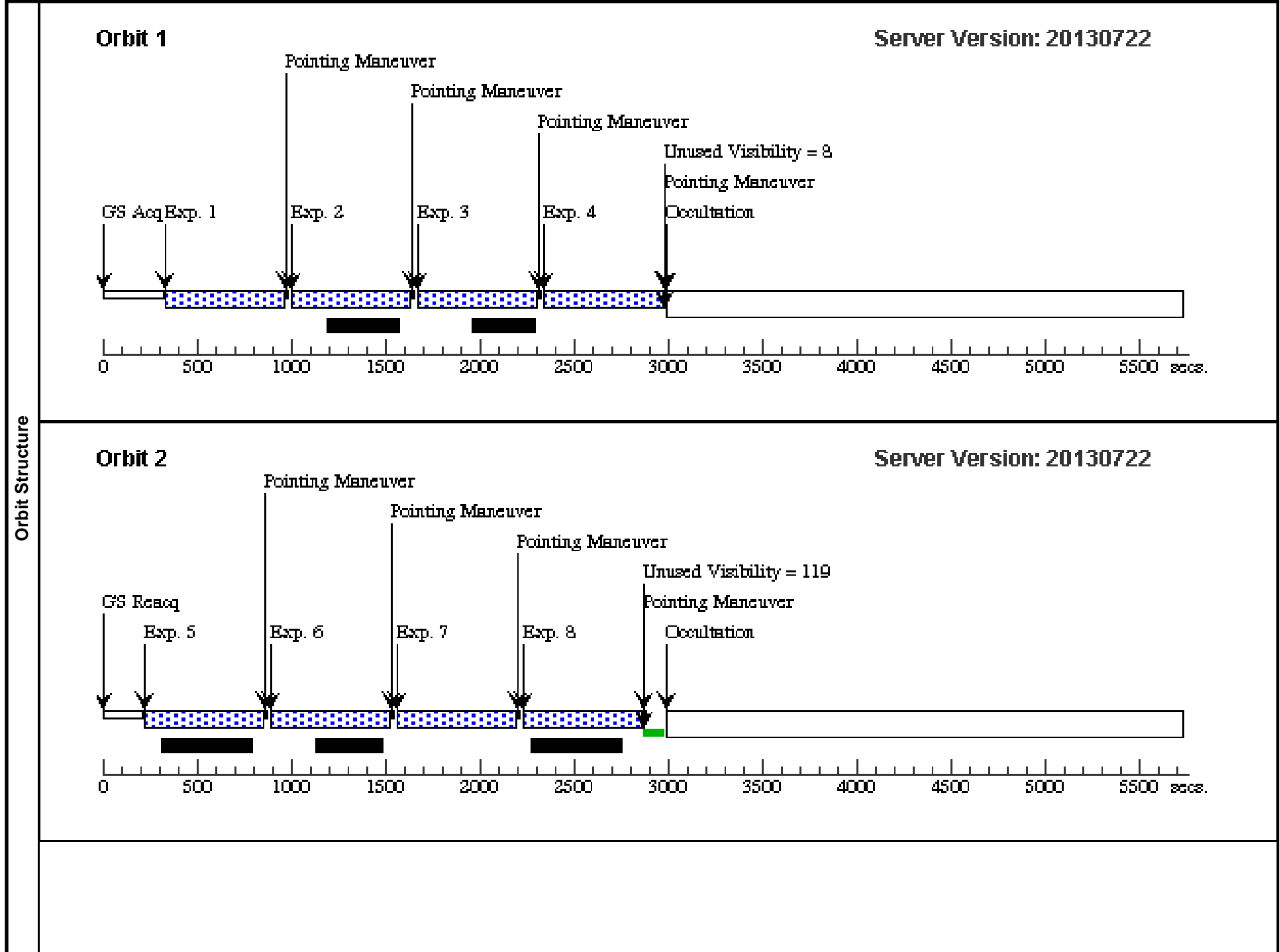


Proposal 12974 - NDWFS14 Quasar (07) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Earl...

<b>Visit</b>	<p><b>Proposal 12974, NDWFS14 Quasar (07), completed</b> <span style="float: right;">Wed Sep 04 01:07:28 GMT 2013</span></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 100%</p> <p><i>Comments: To ensure maximum thermal stability (and thus PSF stability) for these PSF-sensitive observations, we request one of the following constraints, _if possible and if they do not interfere with the schedulability of other programs_.</i></p> <p><i>1) If our observations occur directly after an SAA transit, that the telescope be slewed to our initial pointing _before_ the SAA transit, allowing thermal settling to occur during the transit.</i></p> <p><i>2) Our observations occur directly after observations on a nearby target, to minimize the change in pointing angle (and thus thermal settling time) at the beginning of our observations.</i></p>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(7)		NDWFS- J142516.30+325409.0	RA: 14 25 16.3000 (216.3179167d) Dec: +32 54 9.00 (32.90250d) Equinox: J2000		V=(?) z=20.62	Reference Frame: ICRS

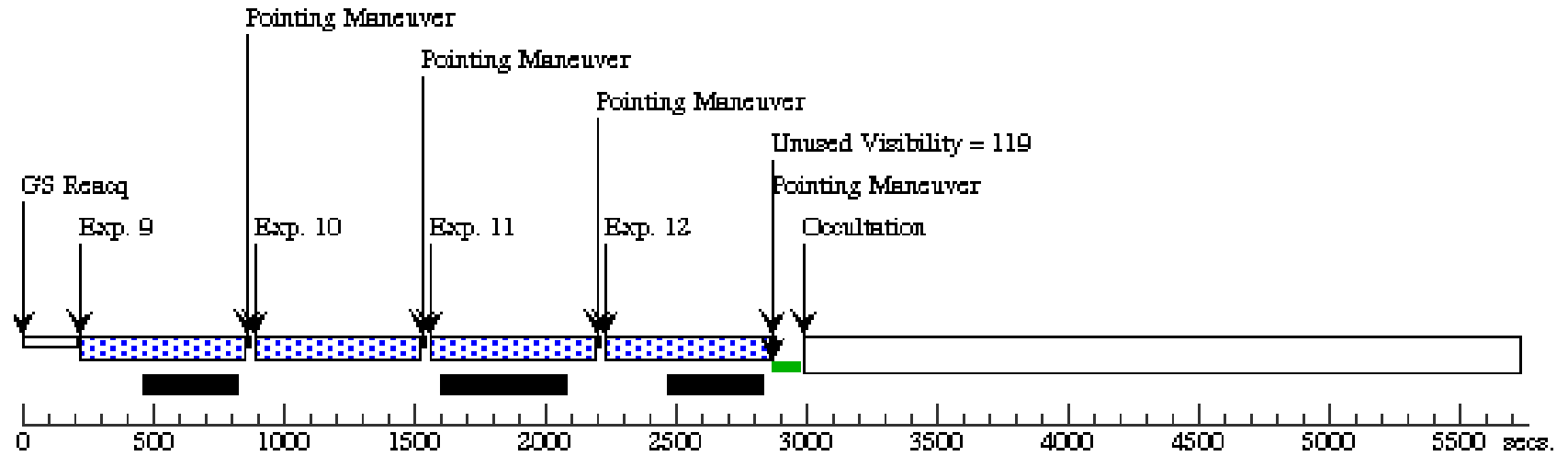
Proposal 12974 - NDWFS14 Quasar (07) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Earl...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	QSO H 1D1 (WFC3IR.i m.415138)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 4.59,4.1 14	Sequence 1-4 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[1]
	2	QSO H 1D2 (WFC3IR.i m.415138)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 4.59,8.0 465	Sequence 1-4 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[1]
	3	QSO H 1D3 (WFC3IR.i m.415138)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 8.9775,8 .0465	Sequence 1-4 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[1]
	4	QSO H 1D4 (WFC3IR.i m.415138)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 8.9775,4 .114	Sequence 1-4 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[1]
	5	QSO H 2D1 (WFC3IR.i m.415138)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 5.94,4.1 14	Sequence 5-8 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[2]
	6	QSO H 2D2 (WFC3IR.i m.415138)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 5.94,8.0 465	Sequence 5-8 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[2]
	7	QSO H 2D3 (WFC3IR.i m.415138)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 10.3275, 8.0465	Sequence 5-8 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[2]
	8	QSO H 2D4 (WFC3IR.i m.415138)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 10.3275, 4.114	Sequence 5-8 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[2]
	9	QSO J 1D1 (WFC3IR.i m.415127)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 4.59,5.3 24	Sequence 9-12 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[3]
	10	QSO J 1D2 (WFC3IR.i m.415127)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 4.59,9.2 565	Sequence 9-12 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[3]
	11	QSO J 1D3 (WFC3IR.i m.415127)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 8.9775,9 .2565	Sequence 9-12 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[3]
	12	QSO J 1D4 (WFC3IR.i m.415127)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 8.9775,5 .324	Sequence 9-12 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[3]
	13	QSO J 2D1 (WFC3IR.i m.415127)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 3.24,4.1 14	Sequence 13-16 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[4]
	14	QSO J 2D2 (WFC3IR.i m.415127)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 3.24,8.0 465	Sequence 13-16 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[4]
	15	QSO J 2D3 (WFC3IR.i m.415127)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 7.6275,8 .0465	Sequence 13-16 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[4]
16	QSO J 2D4 (WFC3IR.i m.415127)	(7) NDWFS-J14251 6.30+325409.0	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 7.6275,4 .114	Sequence 13-16 Non-Int in NDWFS14 Quasar (07)	602.937703 Secs (602.938 Secs) [==>]	[4]	



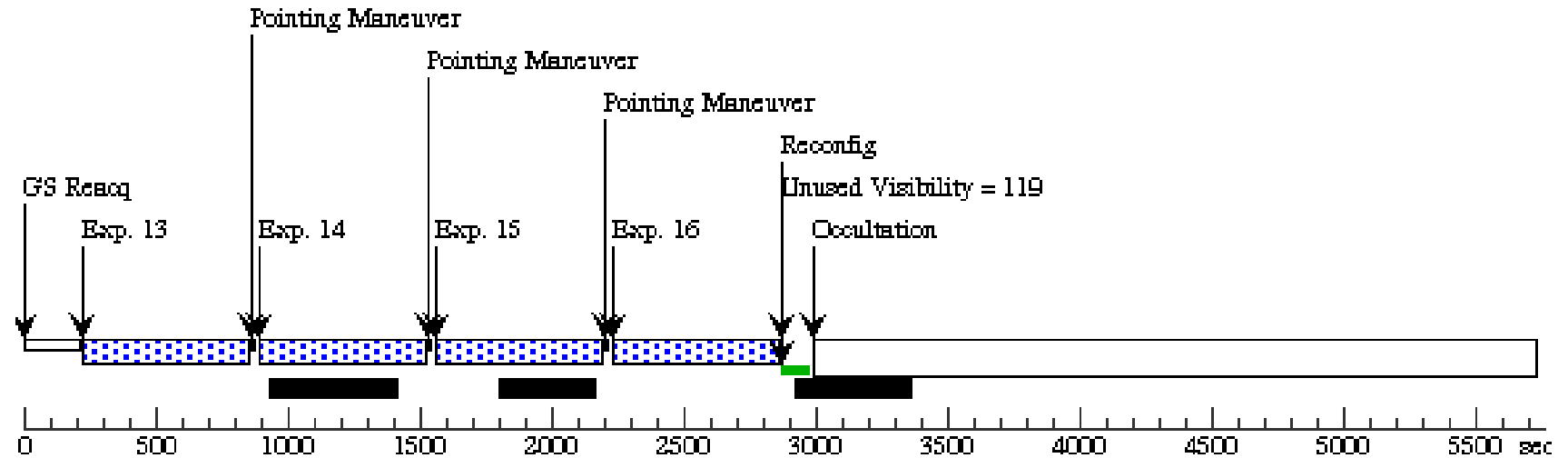
**Orbit 3**

Server Version: 20130722



**Orbit 4**

Server Version: 20130722



Proposal 12974 - NDWFS14 Star (08) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Early ...

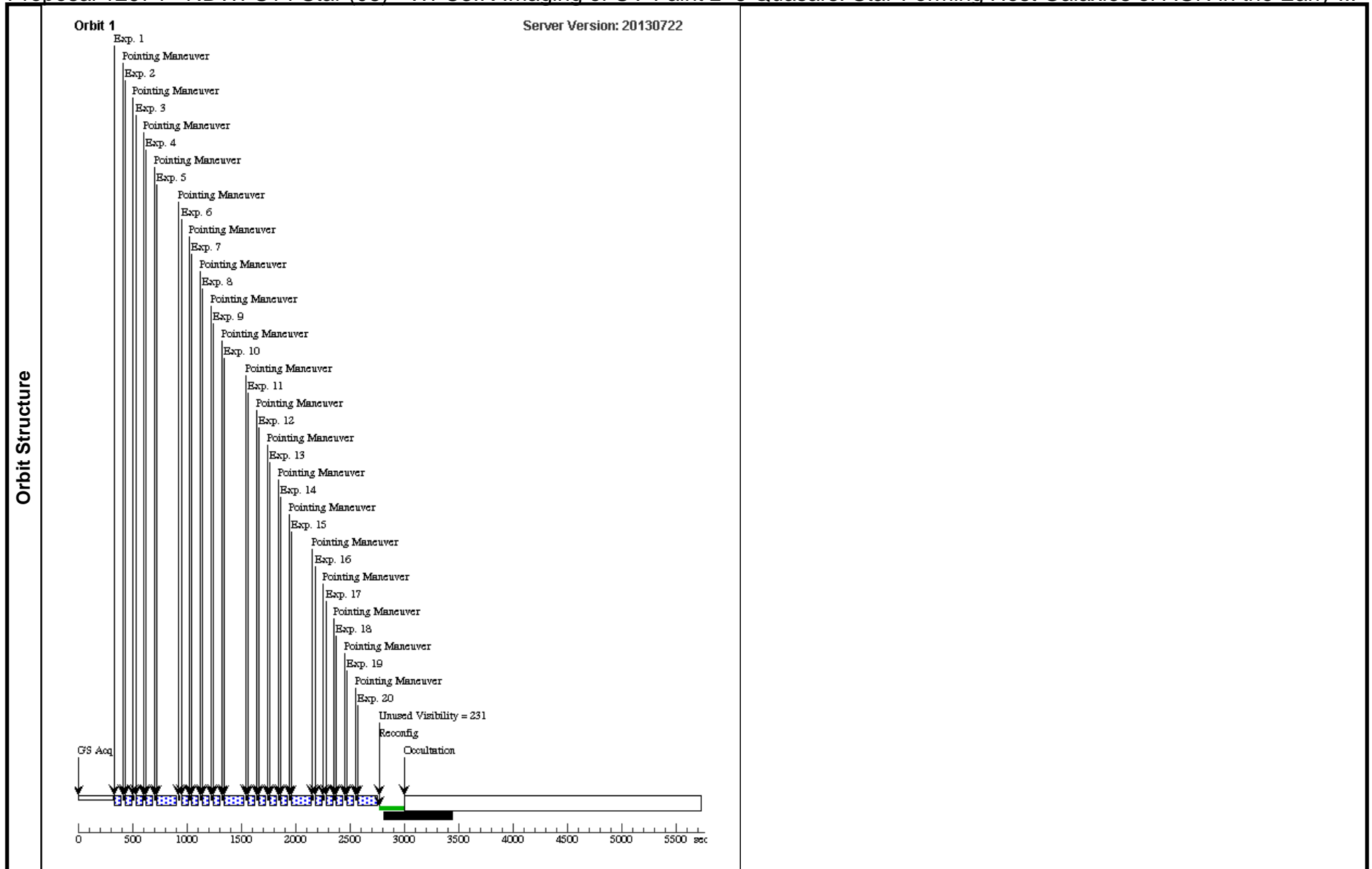
<b>Visit</b>	<b>Proposal 12974, NDWFS14 Star (08), completed</b> <span style="float: right;">Wed Sep 04 01:07:29 GMT 2013</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 100%; AFTER 07 BY 3.8 Orbits TO 4.2 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(8)		2MASS- J14225362+3518572	RA: 14 22 53.6200 (215.7234167d) Dec: +35 18 57.20 (35.31589d) Equinox: J2000	Proper Motion RA: -175 mas/yr Proper Motion Dec: 9 mas/yr Epoch of Position: 2000	V=(?) J 15.45, H 14.89	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 12974 - NDWFS14 Star (08) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Early ...

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	Star H D1-1 (WFC3IR.im.501551)	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 4.59,4.114	Sequence 1-5 Non-Int in NDWFS14 Star (08)	36.754642 Secs (36.755 Secs) [==>]	[1]
	2	Star H D1-2	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 5.94,4.114	Sequence 1-5 Non-Int in NDWFS14 Star (08)	36.754642 Secs (36.755 Secs) [==>]	[1]
	3	Star J D1-3 (WFC3IR.im.501550)	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 4.59,5.324	Sequence 1-5 Non-Int in NDWFS14 Star (08)	36.754642 Secs (36.755 Secs) [==>]	[1]
	4	Star J D1-4	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 3.24,4.114	Sequence 1-5 Non-Int in NDWFS14 Star (08)	36.754642 Secs (36.755 Secs) [==>]	[1]
	5	Star J D1-M1	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F127M	NSAMP=8; SAMP-SEQ=SPARS25	POS TARG 4.59,2.904	Sequence 1-5 Non-Int in NDWFS14 Star (08)	156.700088 Secs (156.7 Secs) [==>]	[1]
	6	Star H D2-1	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 4.59,8.0465	Sequence 6-10 Non-Int in NDWFS14 Star (08)	36.754642 Secs (36.755 Secs) [==>]	[1]
	7	Star H D2-2	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 5.94,8.0465	Sequence 6-10 Non-Int in NDWFS14 Star (08)	36.754642 Secs (36.755 Secs) [==>]	[1]
	8	Star J D2-3	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 4.59,9.2565	Sequence 6-10 Non-Int in NDWFS14 Star (08)	36.754642 Secs (36.755 Secs) [==>]	[1]
	9	Star J D2-4	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 3.24,8.0465	Sequence 6-10 Non-Int in NDWFS14 Star (08)	36.754642 Secs (36.755 Secs) [==>]	[1]
	10	Star J D2-M1	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F127M	NSAMP=8; SAMP-SEQ=SPARS25	POS TARG 4.59,6.8365	Sequence 6-10 Non-Int in NDWFS14 Star (08)	156.700088 Secs (156.7 Secs) [==>]	[1]
	11	Star H D3-1	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 8.9775,8.0465	Sequence 11-15 Non-Int in NDWFS14 Star (08)	36.754642 Secs (36.755 Secs) [==>]	[1]
	12	Star H D3-2	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 10.3275,8.0465	Sequence 11-15 Non-Int in NDWFS14 Star (08)	36.754642 Secs (36.755 Secs) [==>]	[1]
	13	Star J D3-3	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 8.9775,9.2565	Sequence 11-15 Non-Int in NDWFS14 Star (08)	36.754642 Secs (36.755 Secs) [==>]	[1]
	14	Star J D3-4	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 7.6275,8.0465	Sequence 11-15 Non-Int in NDWFS14 Star (08)	36.754642 Secs (36.755 Secs) [==>]	[1]
	15	Star J D3-M1	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F127M	NSAMP=8; SAMP-SEQ=SPARS25	POS TARG 8.9775,6.8365	Sequence 11-15 Non-Int in NDWFS14 Star (08)	156.700088 Secs (156.7 Secs) [==>]	[1]
	16	Star H D4-1	(8) 2MASS-J14225362+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 8.9775,4.114	Sequence 16-20 Non-Int in NDWFS14 Star (08)	36.754642 Secs (36.755 Secs) [==>]	[1]

Proposal 12974 - NDWFS14 Star (08) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Early ...

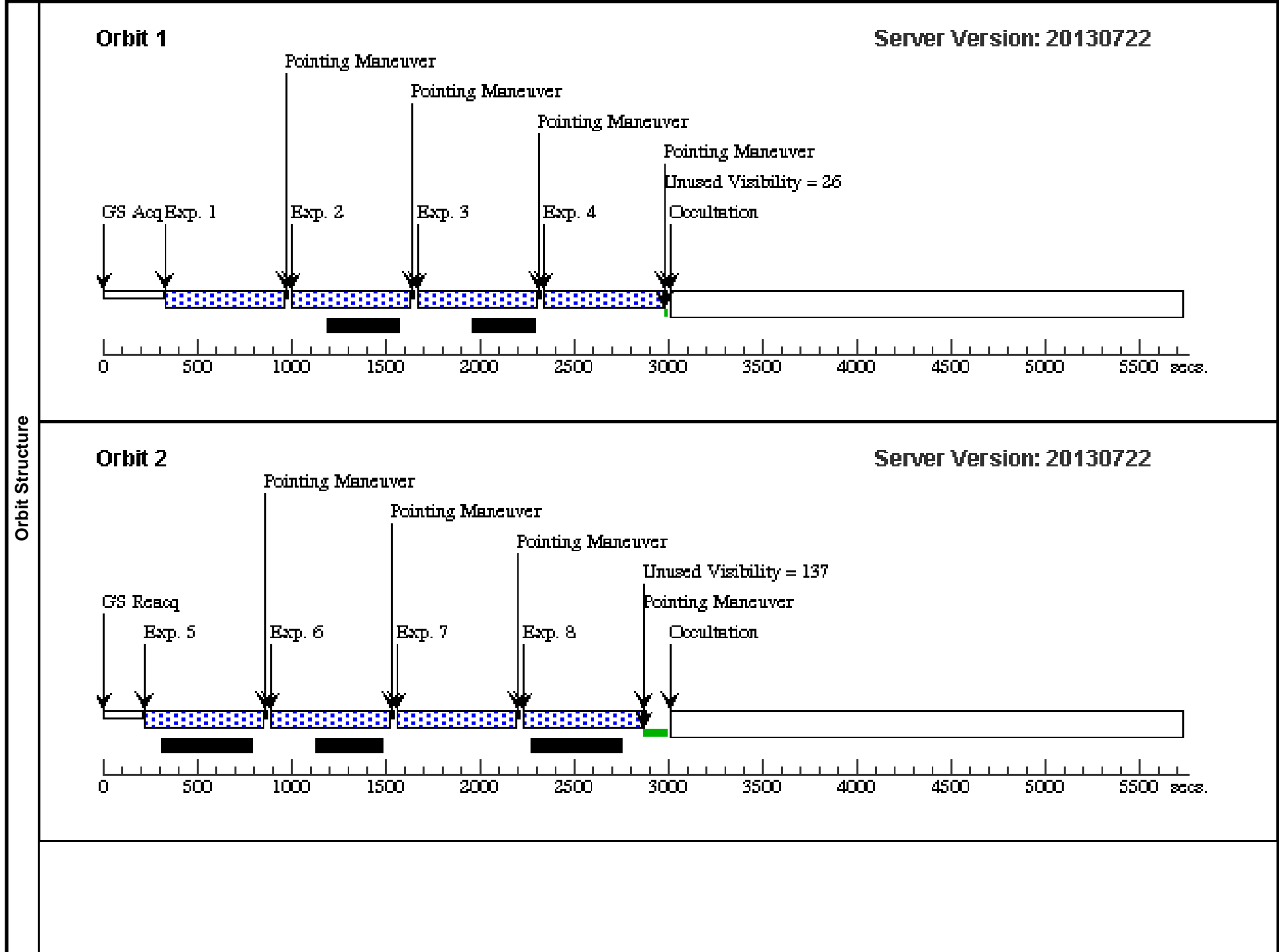
17	Star H D4-2	(8) 2MASS-J142253 62+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP2 5	POS TARG 10.3275, 4.114	Sequence 16-20 Non -Int in NDWFS14 St ar (08)	36.754642 Secs (36.755 Secs) [==>]	[1]
18	Star J D4-3	(8) 2MASS-J142253 62+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP2 5	POS TARG 8.9775,5 .324	Sequence 16-20 Non -Int in NDWFS14 St ar (08)	36.754642 Secs (36.755 Secs) [==>]	[1]
19	Star J D4-4	(8) 2MASS-J142253 62+3518572	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP2 5	POS TARG 7.6275,4 .114	Sequence 16-20 Non -Int in NDWFS14 St ar (08)	36.754642 Secs (36.755 Secs) [==>]	[1]
20	Star J D4-M 1	(8) 2MASS-J142253 62+3518572	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F127M	NSAMP=8; SAMP-SEQ=SPAR S25	POS TARG 8.9775,2 .904	Sequence 16-20 Non -Int in NDWFS14 St ar (08)	156.700088 Secs (156.7 Secs) [==>]	[1]



<b>Visit</b>	<p><b>Proposal 12974, SDSSJ20 Quasar (09), completed</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 100%</p> <p><i>Comments: To ensure maximum thermal stability (and thus PSF stability) for these PSF-sensitive observations, we request one of the following constraints, _if possible and if they do not interfere with the schedulability of other programs_.</i></p> <p><i>1) If our observations occur directly after an SAA transit, that the telescope be slewed to our initial pointing _before_ the SAA transit, allowing thermal settling to occur during the transit.</i></p> <p><i>2) Our observations occur directly after observations on a nearby target, to minimize the change in pointing angle (and thus thermal settling time) at the beginning of our observations.</i></p>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(9)		SDSS-J205406.42-000514.8	RA: 20 54 6.4200 (313.5267500d) Dec: -00 05 14.80 (-.08744d) Equinox: J2000		V=(?) z=20.6	Reference Frame: ICRS

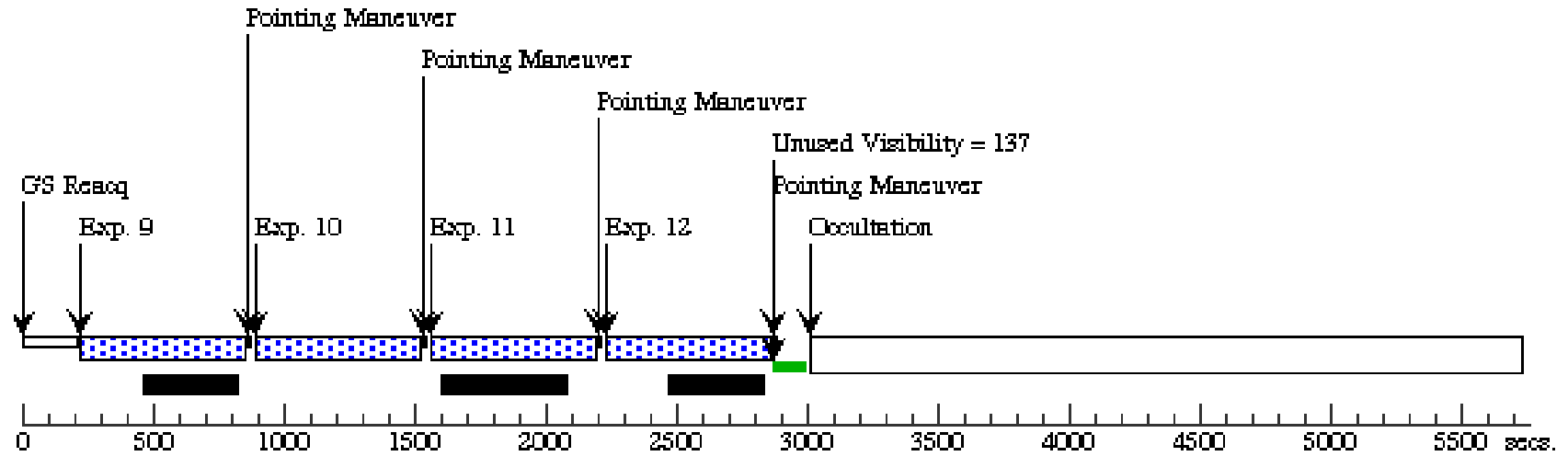
Proposal 12974 - SDSSJ20 Quasar (09) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Earl...

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	QSO H 1D1 (WFC3IR.i m.415138)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 4.59,4.14	Sequence 1-4 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[1]
	2	QSO H 1D2 (WFC3IR.i m.415138)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 4.59,8.0465	Sequence 1-4 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[1]
	3	QSO H 1D3 (WFC3IR.i m.415138)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 8.9775,8.0465	Sequence 1-4 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[1]
	4	QSO H 1D4 (WFC3IR.i m.415138)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 8.9775,4.114	Sequence 1-4 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[1]
	5	QSO H 2D1 (WFC3IR.i m.415138)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 5.94,4.14	Sequence 5-8 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[2]
	6	QSO H 2D2 (WFC3IR.i m.415138)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 5.94,8.0465	Sequence 5-8 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[2]
	7	QSO H 2D3 (WFC3IR.i m.415138)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 10.3275,8.0465	Sequence 5-8 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[2]
	8	QSO H 2D4 (WFC3IR.i m.415138)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F160W	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 10.3275,4.114	Sequence 5-8 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[2]
	9	QSO J 1D1 (WFC3IR.i m.415127)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 4.59,5.324	Sequence 9-12 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[3]
	10	QSO J 1D2 (WFC3IR.i m.415127)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 4.59,9.2565	Sequence 9-12 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[3]
	11	QSO J 1D3 (WFC3IR.i m.415127)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 8.9775,9.2565	Sequence 9-12 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[3]
	12	QSO J 1D4 (WFC3IR.i m.415127)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 8.9775,5.324	Sequence 9-12 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[3]
	13	QSO J 2D1 (WFC3IR.i m.415127)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 3.24,4.14	Sequence 13-16 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[4]
	14	QSO J 2D2 (WFC3IR.i m.415127)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 3.24,8.0465	Sequence 13-16 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[4]
	15	QSO J 2D3 (WFC3IR.i m.415127)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 7.6275,8.0465	Sequence 13-16 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[4]
	16	QSO J 2D4 (WFC3IR.i m.415127)	(9) SDSS-J205406.4 2-000514.8	WFC3/IR, MULTIACCUM, IR-FIX F125W	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 7.6275,4.114	Sequence 13-16 Non-Int in SDSSJ20 Quasar (09)	602.937703 Secs (602.938 Secs) [==>]	[4]



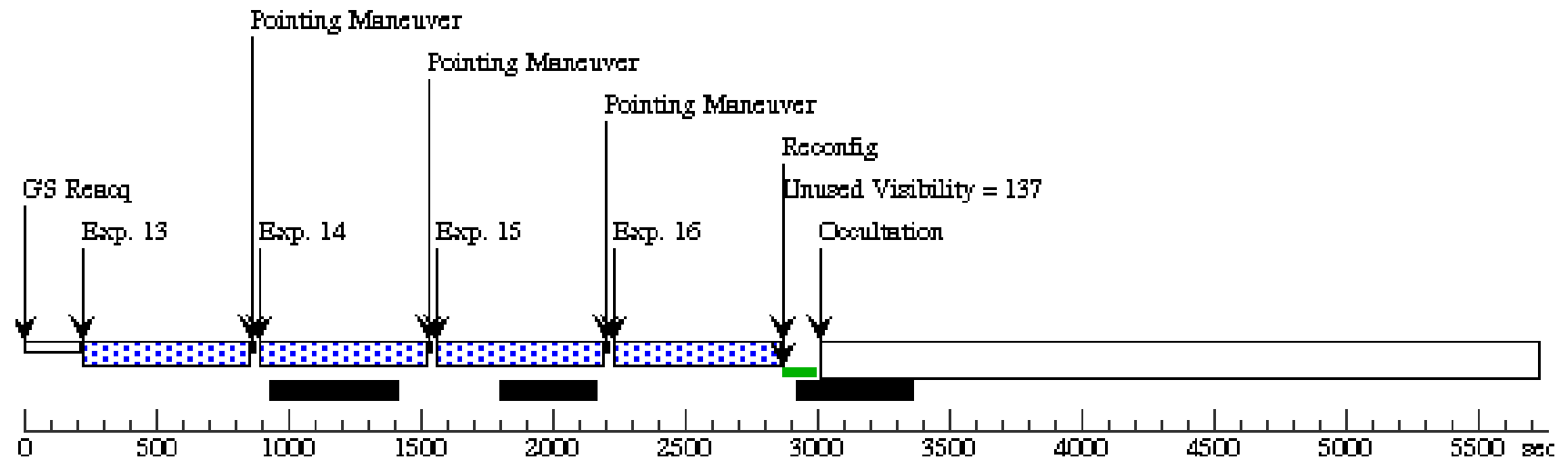
**Orbit 3**

Server Version: 20130722



**Orbit 4**

Server Version: 20130722



Proposal 12974 - SDSSJ20 Star (10) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Early U...

<b>Visit</b>	Proposal 12974, SDSSJ20 Star (10), completed <span style="float: right;">Wed Sep 04 01:07:32 GMT 2013</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 100%; AFTER 09 BY 3.8 Orbits TO 4.2 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(10)		2MASS- J21030529+0244390	RA: 21 03 5.2900 (315.7720417d) Dec: +02 44 39.00 (2.74417d) Equinox: J2000	Proper Motion RA: -88 mas/yr Proper Motion Dec: -156 mas/yr Epoch of Position: 2000	V=(?) g 17.95, r 16.68, i 16.23, z 15.92, J 14.79, H 14.24	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 12974 - SDSSJ20 Star (10) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Early U...

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	Star H D1-1 (WFC3IR.im.501551)	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 4.59,4.14	Sequence 1-5 Non-Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]
	2	Star H D1-2	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 5.94,4.14	Sequence 1-5 Non-Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]
	3	Star J D1-3 (WFC3IR.im.501550)	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 4.59,5.324	Sequence 1-5 Non-Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]
	4	Star J D1-4	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 3.24,4.14	Sequence 1-5 Non-Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]
	5	Star J D1-M1	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F127M	NSAMP=8; SAMP-SEQ=SPARS25	POS TARG 4.59,2.904	Sequence 1-5 Non-Int in SDSSJ20 Star (10)	156.700088 Secs (156.7 Secs) [==>]	[1]
	6	Star H D2-1	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 4.59,8.0465	Sequence 6-10 Non-Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]
	7	Star H D2-2	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 5.94,8.0465	Sequence 6-10 Non-Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]
	8	Star J D2-3	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 4.59,9.2565	Sequence 6-10 Non-Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]
	9	Star J D2-4	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 3.24,8.0465	Sequence 6-10 Non-Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]
	10	Star J D2-M1	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F127M	NSAMP=8; SAMP-SEQ=SPARS25	POS TARG 4.59,6.8365	Sequence 6-10 Non-Int in SDSSJ20 Star (10)	156.700088 Secs (156.7 Secs) [==>]	[1]
	11	Star H D3-1	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 8.9775,8.0465	Sequence 11-15 Non-Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]
	12	Star H D3-2	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 10.3275,8.0465	Sequence 11-15 Non-Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]
	13	Star J D3-3	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 8.9775,9.2565	Sequence 11-15 Non-Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]
	14	Star J D3-4	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 7.6275,8.0465	Sequence 11-15 Non-Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]
	15	Star J D3-M1	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F127M	NSAMP=8; SAMP-SEQ=SPARS25	POS TARG 8.9775,6.8365	Sequence 11-15 Non-Int in SDSSJ20 Star (10)	156.700088 Secs (156.7 Secs) [==>]	[1]
	16	Star H D4-1	(10) 2MASS-J21030529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP25	POS TARG 8.9775,4.114	Sequence 16-20 Non-Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]

Proposal 12974 - SDSSJ20 Star (10) - WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Early U...

17	Star H D4-2	(10) 2MASS-J21030 529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F160W	NSAMP=6; SAMP-SEQ=STEP2 5	POS TARG 10.3275, 4.114	Sequence 16-20 Non -Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]
18	Star J D4-3	(10) 2MASS-J21030 529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP2 5	POS TARG 8.9775,5 .324	Sequence 16-20 Non -Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]
19	Star J D4-4	(10) 2MASS-J21030 529+0244390	WFC3/IR, MULTIACCUM, IRSUB512-FIX	F125W	NSAMP=6; SAMP-SEQ=STEP2 5	POS TARG 7.6275,4 .114	Sequence 16-20 Non -Int in SDSSJ20 Star (10)	36.754642 Secs (36.755 Secs) [==>]	[1]
20	Star J D4-M 1	(10) 2MASS-J21030 529+0244390	WFC3/IR, MULTIACCUM, IRSUB256-FIX	F127M	NSAMP=8; SAMP-SEQ=SPAR S25	POS TARG 8.9775,2 .904	Sequence 16-20 Non -Int in SDSSJ20 Star (10)	156.700088 Secs (156.7 Secs) [==>]	[1]

