10538 - Near-IR Spectrophotometry of 2MASSWJ 1207334-393254B - An Extra-Solar Planetary Mass Companion to a Young Brown Dwarf

Cycle: 14, Proposal Category: GO

(Availability Mode: AVAILABLE)

INVESTIGATORS

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VISITS

Visit	*Targets*	*Configurations*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:01:54.0	yes
02	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:02:02.0	yes
03	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:02:08.0	yes
04	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:02:16.0	yes
05	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:02:22.0	yes

Visit	*Targets*	*Configurations*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
06	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:02:28.0	yes
07	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:02:33.0	yes
08	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:02:39.0	yes
09	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:02:45.0	yes
0A	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:02:50.0	yes
0B	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:02:56.0	yes
0C	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:03:02.0	yes
0D	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:03:07.0	yes
0E	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:03:13.0	yes
61	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:03:19.0	yes
62	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:03:27.0	yes
63	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:03:33.0	yes
64	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:03:39.0	yes

Visit	*Targets*	*Configurations*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
65	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:03:44.0	yes
66	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:03:50.0	yes
67	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:03:56.0	yes
68	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:04:02.0	yes
69	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:04:08.0	yes
6A	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:04:14.0	yes
6B	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:04:20.0	yes
6C	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:04:26.0	yes
6D	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:04:34.0	yes
6E	DARK (1) 2MASSWJ1207334-393254	NIC3	1	15-Jun-2006 21:04:40.0	yes
91	(2) HD102982	NIC3	1	15-Jun-2006 21:05:21.0	yes
92	(2) HD102982	NIC3	1	15-Jun-2006 21:06:11.0	yes

30 Total Orbits Used

ABSTRACT

We propose to obtain "short" wavelength near-IR diagnostic and characterizing spectra of the very high probability candidate extra-solar giant planet (EGP) companion to 2MASSWJ 1207334-393254 (2M1207), a young brown dwarf and TW Hydrae Association member. Recent NICMOS camera 1 multi-band photometric imaging of the companion candidate, 0.77" (54 AU projected) from 2M1207 - initially detected at longer wavelengths with VLT/NACO - implicate an object of several Jupiter masses based on cooling models of EGPs and the likely age of 2M1207 (~ 8 Myr). Physical companionship of the EGP candidate with 2M1207 has been established at the 99.1% level of confidence via second-epoch NICMOS astrometric observations. Diagnostic spectra in the 0.8 to 1.9 micron region (unobtainable from the ground and overlapping the NICMOS imaging observations) will (a) critically inform on the physical nature of the EGP, (b) provide currently non-existing information to test/constrain theoretical models of EGP properties and evolution, and (c) unequivocally confirm the imaging of a bone fide EGP. Background light from 2M1207 would normally swamp the EGP spectrum with direct spectral imaging. To obviate this, we propose PSF-subtracted grism spectra of the EGP using 2M1207 as its own spectral template via two-orientation high-contrast image subtraction. The temporal stability of the HST+NICMOS PSF enables self-subtractions of targets at different field orientations resulting in contrast enhancements of 5 to 6 stellar magnitudes in the circumstellar background at ~ 0.8" at these wavelengths. With the grism field oriented to place the EGP "above" and "below" 2M1207 (at two observational epochs) two independent spectra of the EGP will emerge from a difference image. This prototypical spectrum will serve to test and improve upon current models of young EGPs which predict flux suppression by molecular absorption in their atmospheres.

OBSERVING DESCRIPTION

We are attempting to obtain a near-IR spectrum of the planetary-mass companion to the young brown dwarf 2M1207A with NICMOS grism spectraphotometry in the G096 and G141 bands. In doing so we are pushing NICMOS spectraphotometry into a significantly higher contrast regime than has been previously attempted. The angular separation of 2M1207A/b is only 0.774", with brightness ratios appx 1000:1 at 1 micron, (G096) and 100:1 at 1.6 microns (G141). To obtain G096 and G141 spectra to the requisite S/N (see our Phase 1 proposal for details) we require a TOTAL integration time of appx 57 ksec in G096 and 10 ksec in G141 using an 28-orbit spectral imaging strategy we detail for implementation here. We also use two orbits for a calibration target HD 102982.

NOTES 1: On 25 May 2005 we were informed of an increase in our orbit allocation to a total of 30 orbits to accommodate a problem in the ETC from which our deep spectral imaging in G096 was planned. We now use 14 orbits in each of two epochs to observe 2M1207A/b.

NOTE 2: On 26 May 2005 our request to obtain "special calibration" frames for SPARS128 sampling was granted, and we include these frames in this Phase 2 observing plan (see calibration justification).

--> We request that our spectral imaging and dark calibration visits be scheduled in non-SAA impacted orbits, as discussed with K. Noll (NICMOS group), to the greatest extent which scheduling and priority will allow.

I. 2M1207A/b OBSERVATIONS.

1) We observe at two epoch constrained by absolute orientation angles.

2) At each epoch we identically observe in fourteen one-visit orbits. Each set of 14 visits are identical with the exception of small pointing offsets prior to the start of each orbit's exposure sequence. Following the target imaging we are taking SPARS128 calibration dark frames during target occultation (see Calibration Justification). The two sets of orbits are identical except for their orientation.

3) Each epochal set of 14 one-orbit visits is pointed first in the form of a 3x3 pattern relative to NIC3-FIX, specified by a POS TARG for the first exposure in each visit, where all subsequent exposure in each visit carries a SAME POS AS requirement. The POS TARGS create a pattern with offsets of +/-3.3333 pixels in all directions (X and Y combinations) about a central point. We then do offsets to repeat the first five points of the pattern (i.e., the corners and the center) - BUT relative to NIC3.

For NICMOS Camera 3 the pixel scales are:

XSCALE = 203.308 MAS/PIXEL, YSCALE = 202.707 mas/pixel,

so the magnitude of the POS TARGs in X and Y are:

|X POS TARG| = 0.677687", |Y POS TARG| = 0.675683"

4) Each set of 14 visits is constrained to be at the same field orientation.

5) Visits 01-0E, inclusive are specified at an ORIENT angle of 135.4 to 136.4 deg.
Visits 61-6E, inclusive are specified at an orient angle of 301.2 to 303.2 deg.
Absolute orients are given for visits 01 and 61.
SAME ORIENT AS (01 or 61) are given for (02-0E) or (62-6E), respectively.

See ADDITIONAL COMMENTS section on ORIENT requirements.

6) In each visit 01-0E and 61-1E we take:
1 x G096 SAMP-SEQ=SPARS128/NSAMP=18 multiaccums (2048s)
1 x G096 SAMP-SEQ=STEP32/NSAMP=9 multiaccum (64s)
3 x G141 SAMP-SEQ=STEP64/NSAMP=11 multiaccums (3x192s)
3 x F110W STEP2/NSAMP=14 multiaccums (3x22s)
3 x F160W STEP2/NSAMP=16 multiaccums (3x6s)
Note: The F110W and F160W images are for spectral registration/calibration.
The F160W image is also for relative astrometric position measures.
1x BLANK SPARS128/NREAD=18 multiaccum (2048s) during target occultation.

II. HD 102982 Calibration Observations

1) We observe at two epoch constrained by absolute orientation angles.

2) At each epoch we use a SINGLE orbit, executing identically repeated sequences of exposures with small pointing offsets in a 3x3 pattern prior to the start of each sequence using POS TARGS to define the offsets.

3) POS TARGS for the intra-visit offsets are as described for the 2M1207A/b observations.

4) The calibration visits are 20 and 21 and have absolute orientation constraints as indicated in the Visit level definitions.

5) At each point in the 3x3 pattern we take:
3 x G096 SAMP-SEQ=STEP8/NSAMP=9 multiaccums (3x32s)
3 x G141 SAMP-SEQ=STEP2/NSAMP=7 multiaccums (3x8s)
3 x F113N SAMP-SEQ=STEP1/NSAMP=5 multiaccums (3x115s)
3 x F164N SAMP-SEQ=SCAMRR/NSAMP=6 multiaccums (3x1.2s)
Note: The F113N and F164N images are for spectral registration/calibration.
Narrow band filters are used to prevent PSF core saturation.

REAL TIME JUSTIFICATION
We have no realtime requirements.

CALIBRATION JUSTIFICATION
Acquisition of SPARS128 dark frames has been approved by STScI (K. Noll 26 May 2005). SPARS128 is a new detector clocking/readout mode which has never before been used and calibration data does not exist.

We take darks in each of our two observational epochs two (roughly 6 months apart dictated by target constraints).

In our Second submission (but now re-revised by request of STScI) of our Phase 2 plan we had set up those darks as follows:

At each epoch we GROUPed the darks (each as a separate visit) within two days. We expect it possible to actually schedule each group in two non-SAA impacted pieces on either "side" of SAA impacted orbits. Each group should be scheduled within +/- 1 week of our grism observations of 2M1207. We would LIKE to have the darks scheduled as closely in time as possible to the science observations, but anytime within 1 week is acceptable.

STScI has asked us to move these darks into the science visits for orbit accounting reasons (even though DARKS are taken as non-pointed time), and we have done so. Note to our PC: If this hinders schedualability due to the need for SAA-impacted orbits (as requested for the science target, but of course DARKS must be taken SAA free) - is it perfectly acceptable with us to restructure the DARKS in their own, separate, visits to ease schedualbility. Reality is we use no additional pointed spacecraft time.

Note: Prior to taking the calibration darks we execute three NREAD=25 BLANK ACCUM exposures of minimum exposure duration (TPG clocking time = 0s, but as accounted by APT 14.278s. These are not calibration frames. We have inserted them as a method to mitigate residual persistent excess charge which would manifest itself as image latency in the SPARS128 dark from the filtered spectral registration images which would otherwise immediately proceed it. The NICMOS IDT has demonstrated this is an effective strategy for reducing the problems associated with image persistence.

ADDITIONAL COMMENTS

NOTES ON ORIENTATIONS:

The separation of 2M1207A/b is 0.774" with a PA for the planet-mass companion of 125.4 deg. Ideally we would orient the NIC-3 aperture such that the line joining A/b is orthogonal to the direction of the G096 spectral dispersion. This would be at an ORIENT of 170 (or 350) degrees, given the aperture reference angle of 224.5 deg and as the G096 dispersion is tilted 3 degrees w.r.t. the image +X axis (with the +X end of the spectrum tilted toward +Y). APT, however, indicates this ORIENT is unschedualable. We have examined the possible roll (orient) ranges which ATP gives as:

Orient 129.7 - 133.5 deg (04 Jul 05 - 11 Jul 05)

Orient 286.3 - 302.2 deg (28 Dec 05 - 07 Jan 06)
Orient 126.5 - 136.4 deg (31 Jul 06 - 03 Aug 06)

and find the largest ORIENT angles possible in the 31JUL06-03AUG06 and 28DEC05-07JAN06 windows, i.e., 136.4 deg and 302.2 deg non-optimal, but sufficient.

----> If, by some miracle, we could push the orient range (for example, if we might be allowed to plan this is in an extended window in July 2005 at the start of Cycle 14 BEFORE with 3 gyro guiding (which might open up the available Orients) before the switch anticipated switch to 2 gyro guiding now presumed not until mid-August 2005, that would be of very significant benefit.

Here, we CONSTRAIN the absolute orientations of Visits 10-19 and 01-09 to 136.4 and 302.2 deg, respectively.

LARGER ORIENTS WOULD BE DESIRABLE IF IT WERE POSSIBLE TO DO THESE OBSERVATIONS OFF-NOMINAL ROLL OR AT LATER DATES (WE
DO NOT CONSTRAIN THE DATES, ONLY THE ORIENTATIONS) THEN THE END OF THE ROLL WINDOWS IMPLY.

If the observations cannot be scheduled at these ORIENTS (the closer to 136.4 and 202.2, or larger if possible, the better) then we could back off to smaller Orients within the above windows ? but that is far less desirable.

With the specified Orients the MAXIMUM spectral separation we can get with 2M1207b "below" 2M1207A (as dispersed on the detector) is 632 mas, and 547 mas "above".

We enforce similar constraints for our calibration target given its schedualbilities.

Visit

Proposal 10538, Visit 01 Fri Jun 16 01:06:27 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: ORIENT 135.4D TO 136.4 D

Comments: First Visit of Fourteen in Epoch 1.
9 pt pattern center w.r.t. NIC3-FIX.
POS TARGS = (0.0", +0.0") on all exposures.
All Epoch 1 Visits (01-0E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

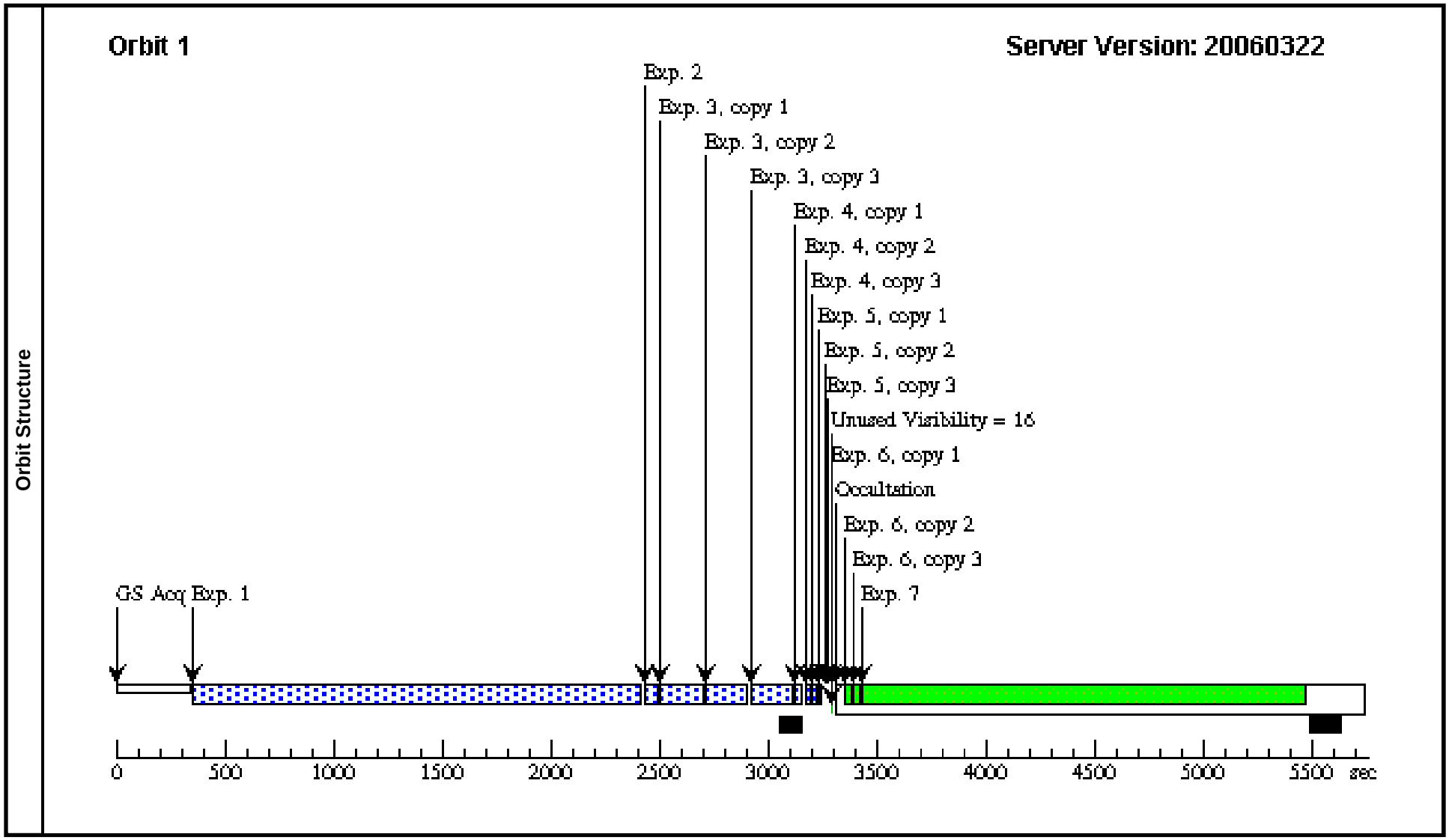
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = +15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0,0; GSPAIR 0775900853F10775900219F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Unused Visibility = 16
Exp. 6, copy 1
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 02 Fri Jun 16 01:06:28 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 01

Comments: Second Visit of Fourteen in Epoch 1.
9 pt pattern Top, Left w.r.t. NIC3-FIX.
POS TARGS = (-0.67769", +0.675683") on all exposures.
All Epoch 1 Visits (01-09) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 01
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

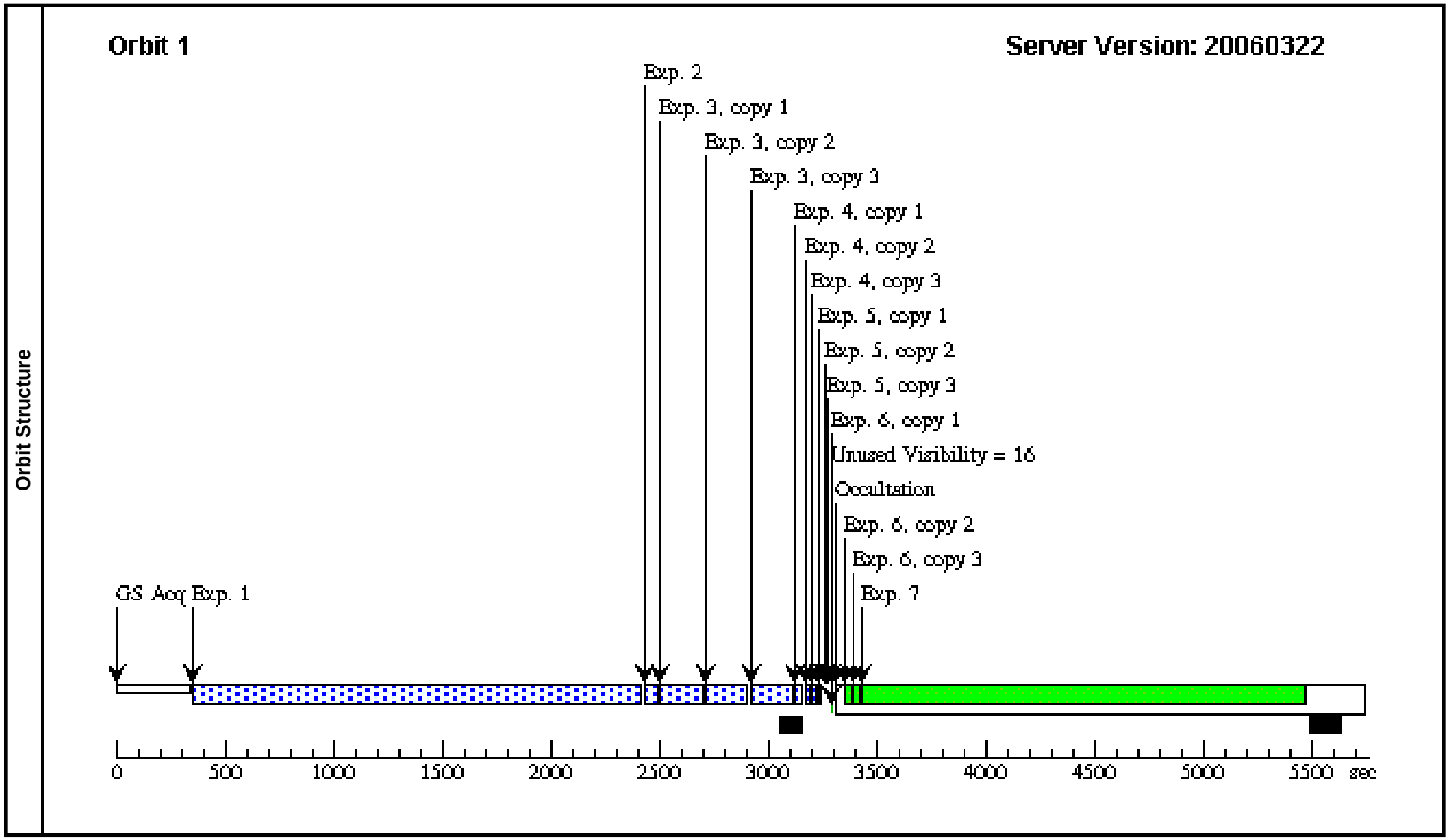
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG -0.67769,0.675683; GSPAIR 077590085 3F10775900219F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
	Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.								
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
	Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)								


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 03 Fri Jun 16 01:06:28 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 01

Comments: Third Visit of Fourteen in Epoch 1.
9 pt pattern Top, Right w.r.t. NIC3-FIX.
POS TARGS = (+0.67769", +0.675683") on all exposures.
All Epoch 1 Visits (01-0E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 01
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

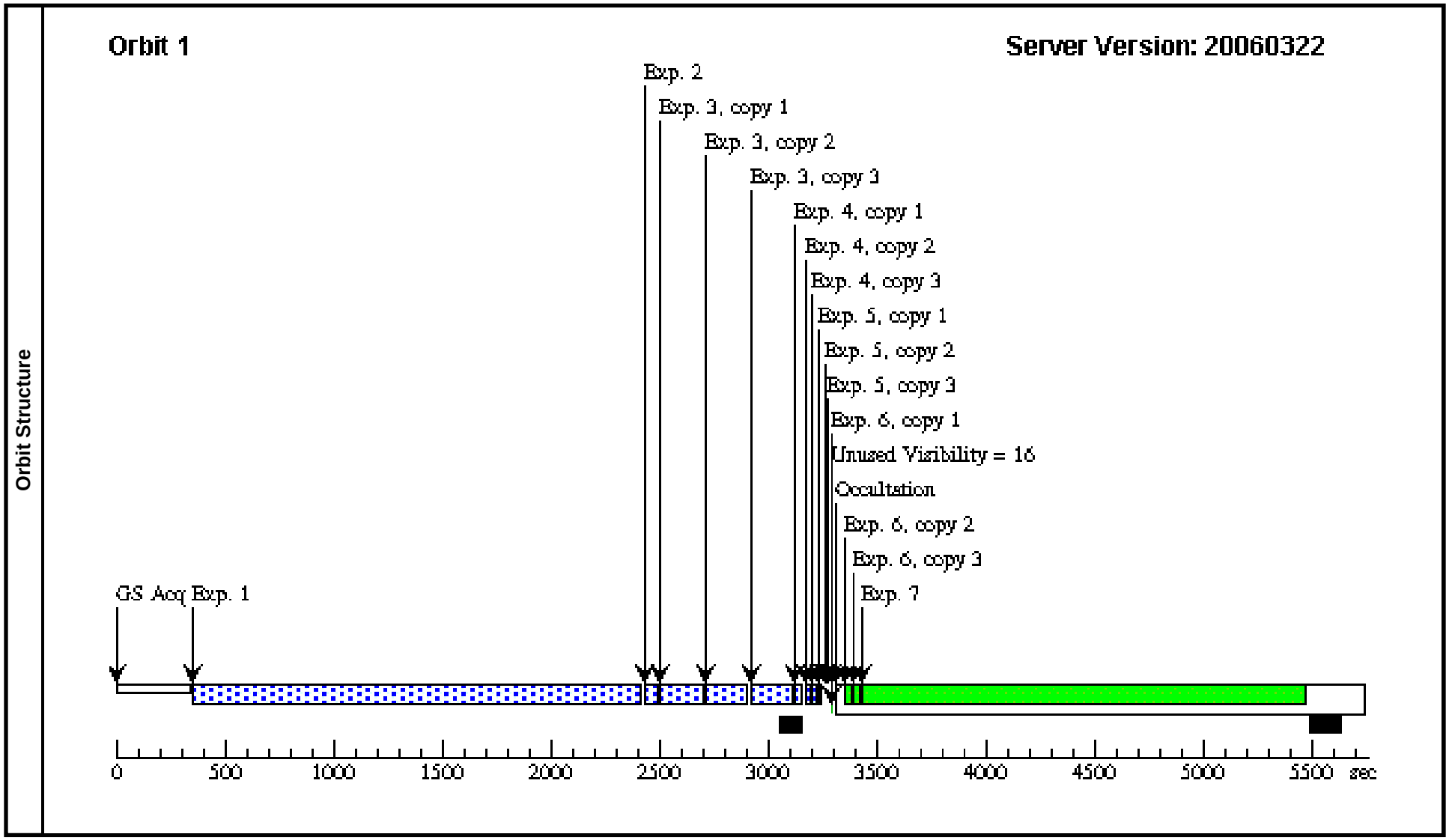
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0.67769, 0.675683; GSPAIR 077590085 3F10775900219F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit Structure
Orbit 1
Server Version: 20060322
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 04 Fri Jun 16 01:06:29 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 01

Comments: Fourth Visit of Fourteen in Epoch 1.
9 pt pattern Bottom, Right w.r.t. NIC3-FIX.
POS TARGS = (+0.67769", -0.675683") on all exposures.
All Epoch 1 Visits (01-0E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 01
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

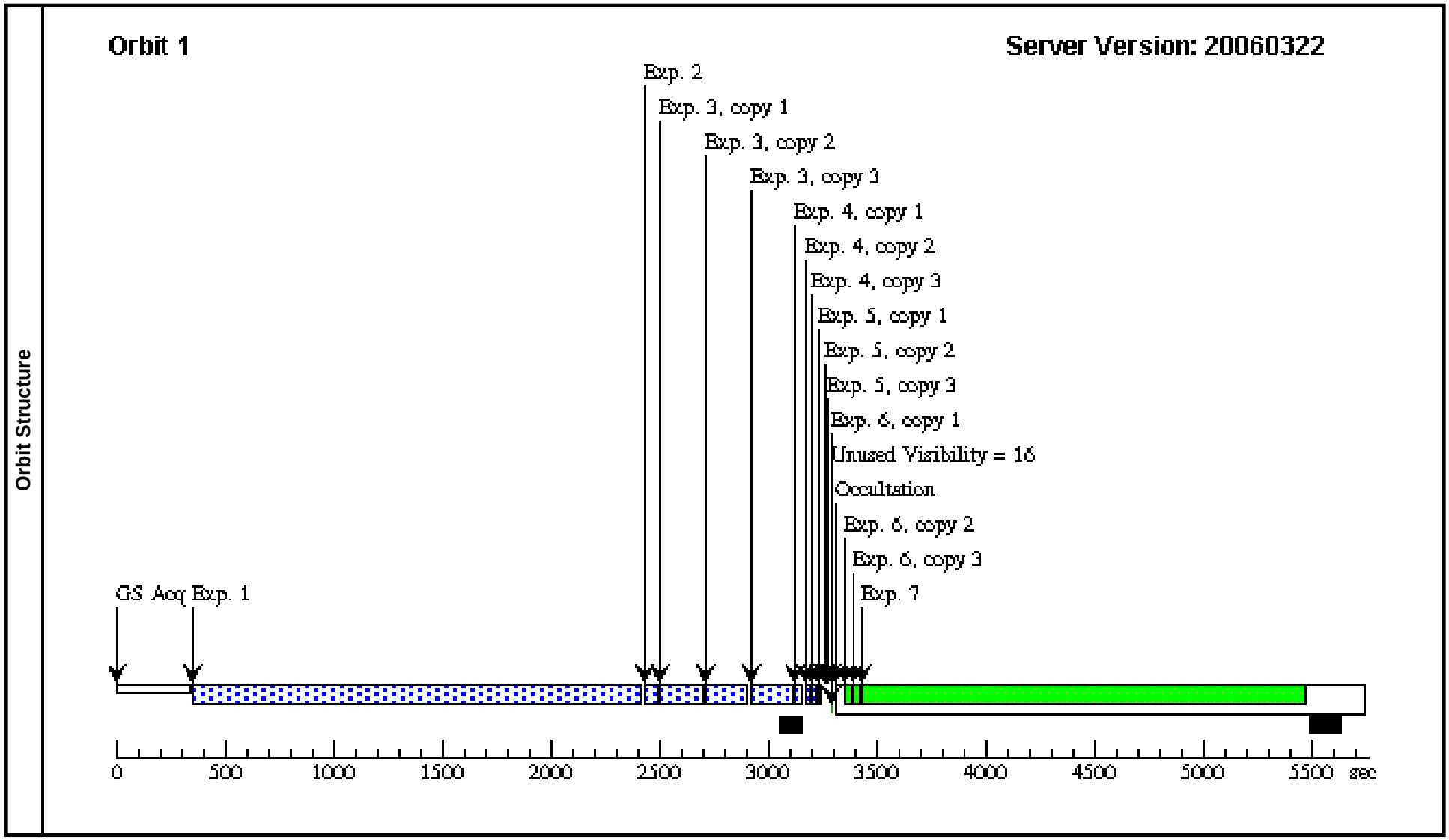
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = +15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0.67769, -0.67568; GSPAIR 077590085 3F10775900219F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 05 Fri Jun 16 01:06:31 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 01

Comments: Fifth Visit of Fourteen in Epoch 1.
9 pt pattern Bottom, Left w.r.t. NIC3-FIX.
POS TARGS = (-0.67769", -0.675683") on all exposures.
All Epoch 1 Visits (01-0E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 01
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

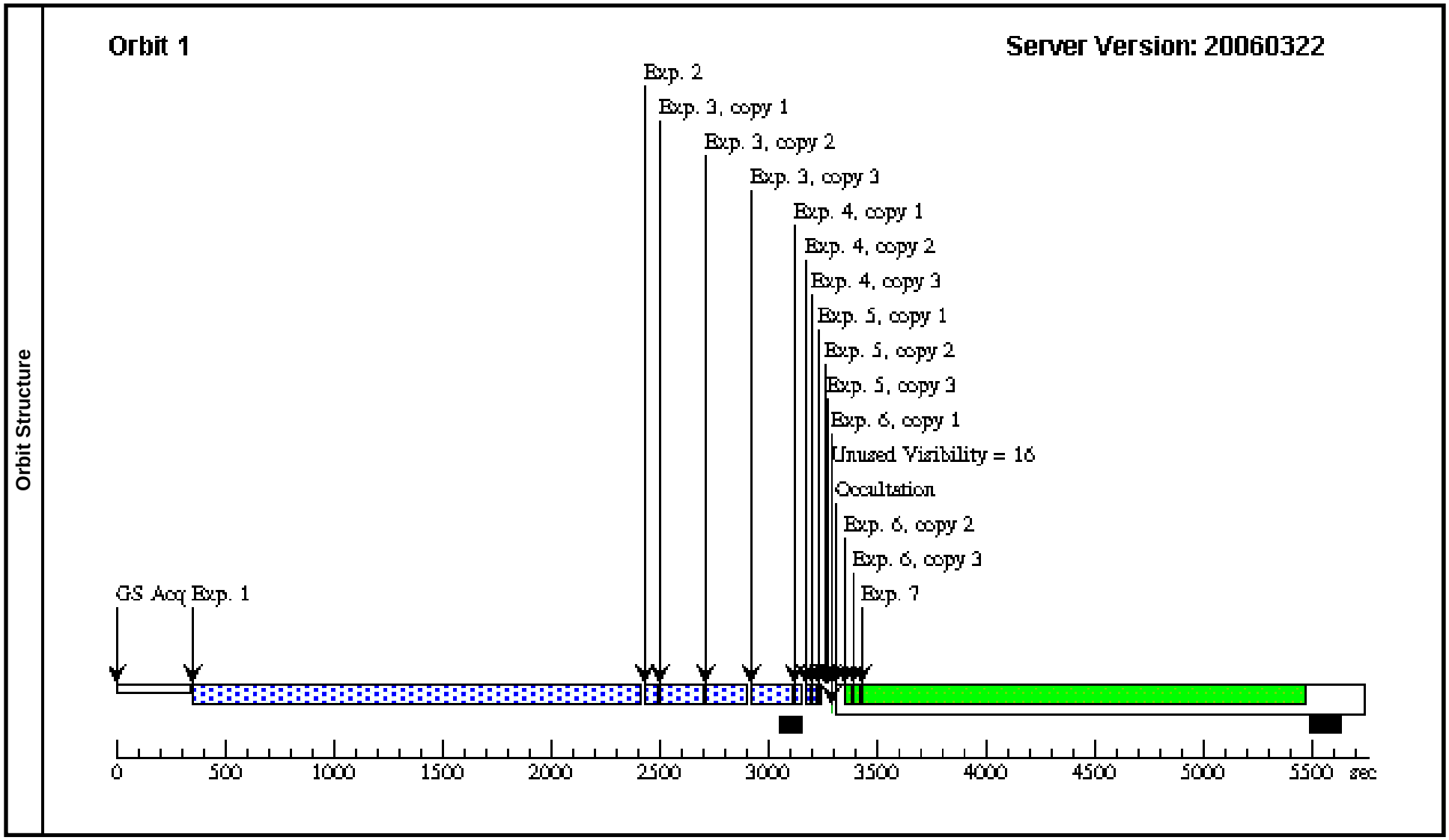
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG -0.67769,-0.67568; GSPAIR 0775900853F10775900219F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 06 Fri Jun 16 01:06:32 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 01

Comments: Sixth Visit of Fourteen in Epoch 1.
9 pt pattern Center, Left w.r.t. NIC3-FIX.
POS TARGS = (-0.67769", 0.0") on all exposures.
All Epoch 1 Visits (01-0E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 01
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

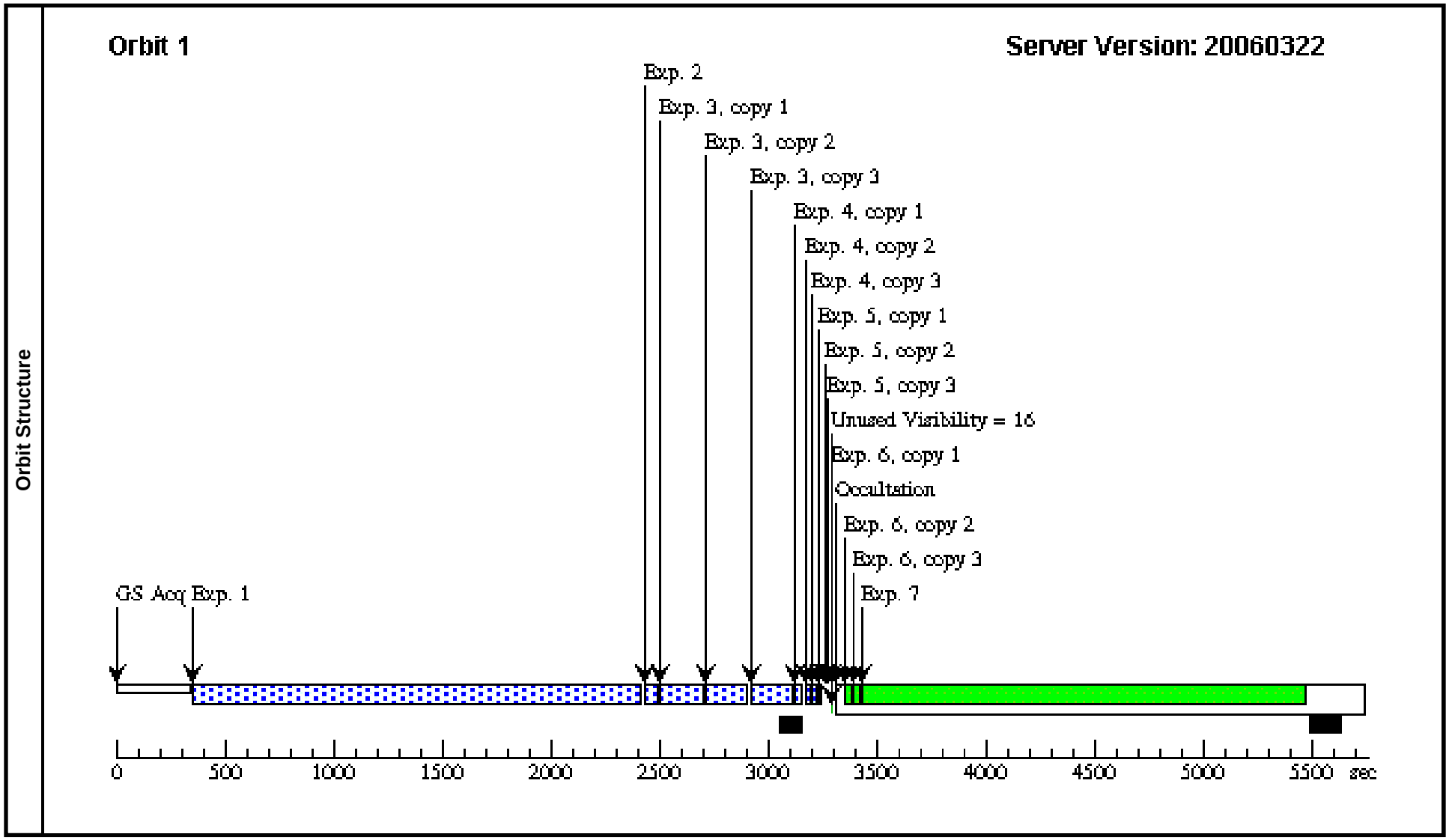
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG -0.67769,0; GSPAIR 077590085 3F10775900219F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Unused Visibility = 16
Exp. 6, copy 1
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 07 Fri Jun 16 01:06:32 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 01

Comments: Seventh Visit of Fourteen in Epoch 1.
9 pt pattern Top, Center w.r.t. NIC3-FIX.
POS TARGS = (0.0", +0.675683") on all exposures.
All Epoch 1 Visits (01-0E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 01
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

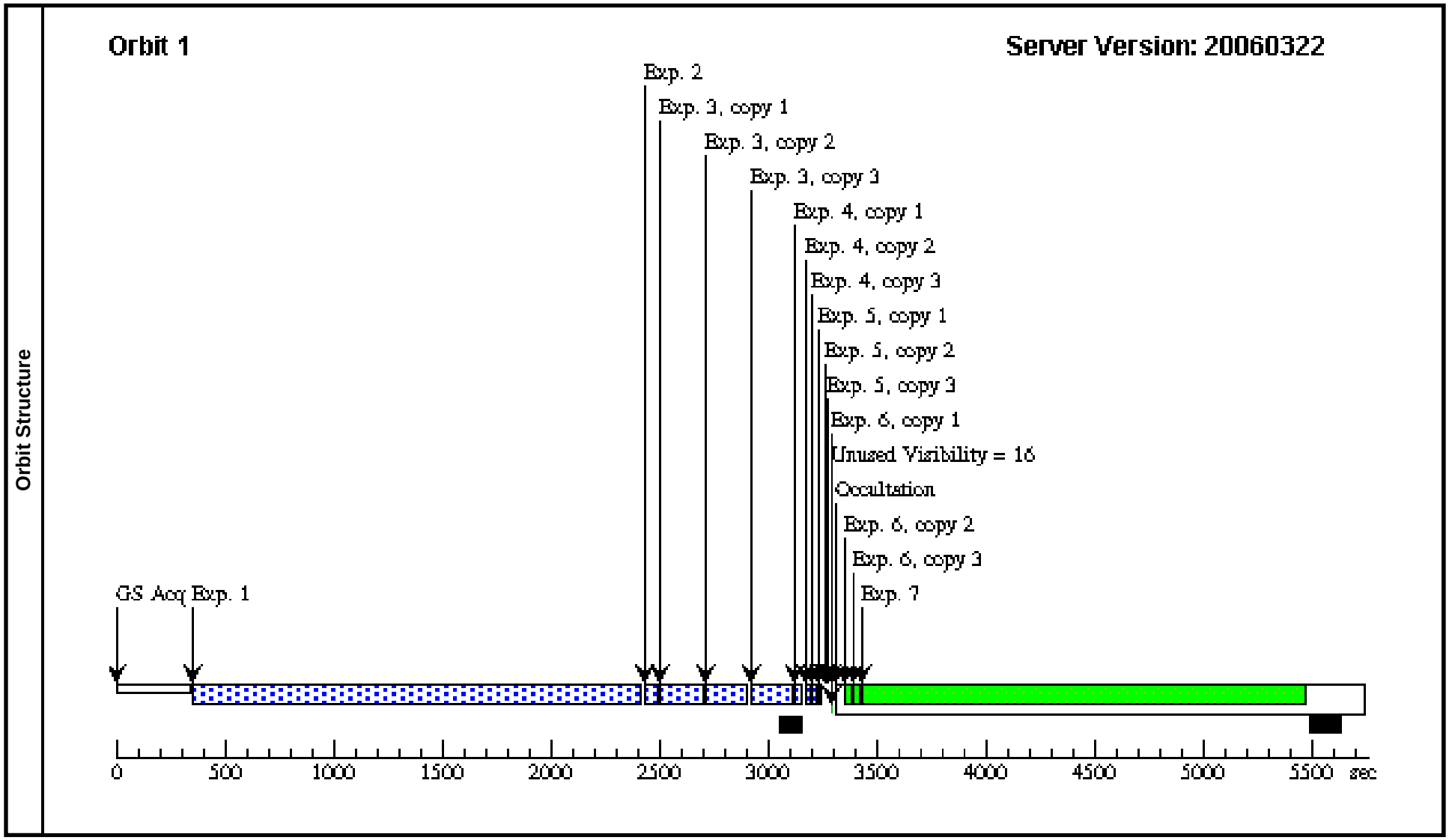
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0,0.675683; GSPAIR 0775900853F10775900219F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 08 Fri Jun 16 01:06:32 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 01

Comments: Eighth Visit of Fourteen in Epoch 1.
9 pt pattern Center, Right w.r.t. NIC3-FIX.
POS TARGS = (+0.67769", 0.0") on all exposures.
All Epoch 1 Visits (01-0E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 01
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

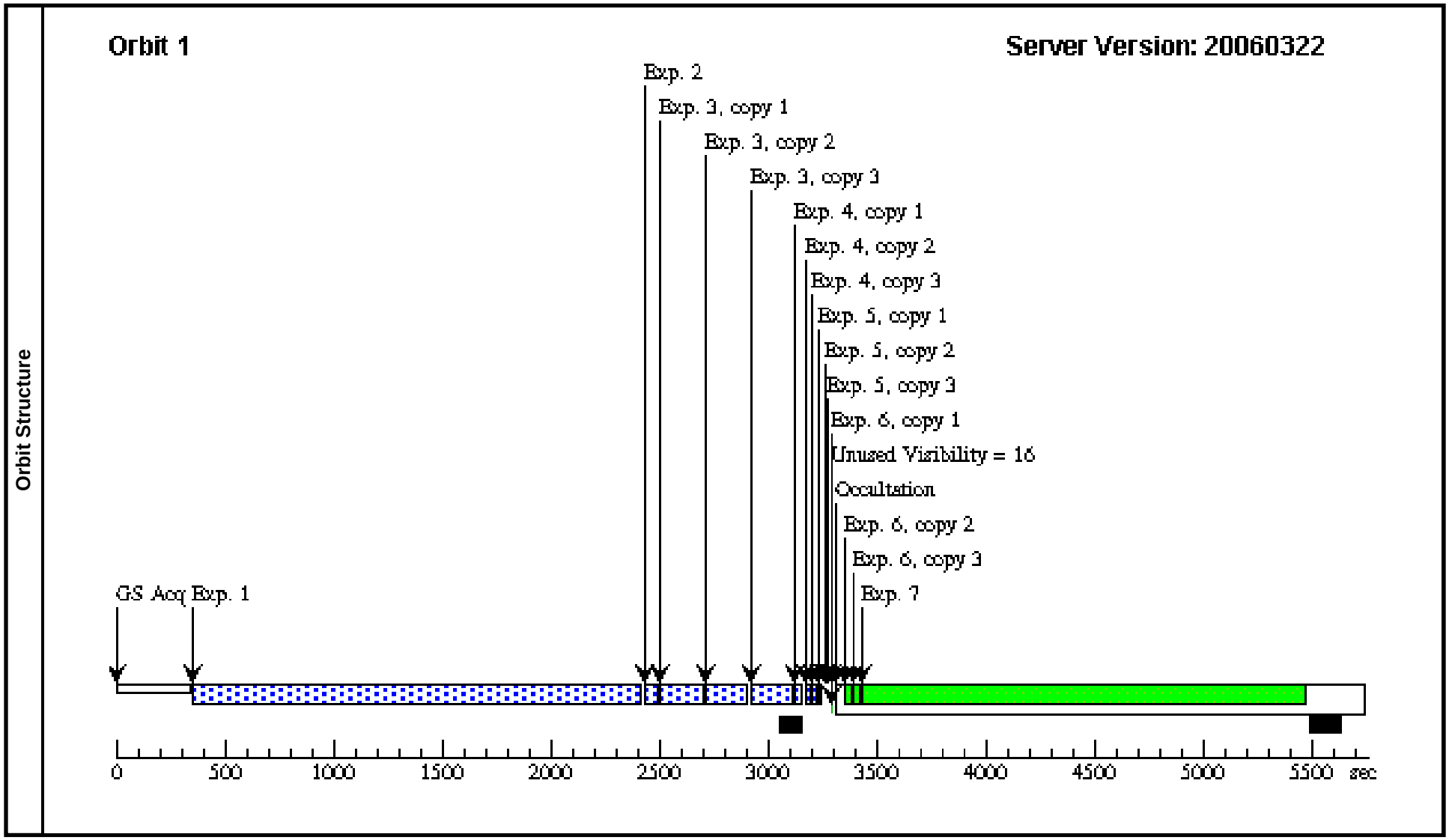
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0.67769, 0; GSPAIR 0775900853F10775900219F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 09 Fri Jun 16 01:06:33 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 01

Comments: Ninth Visit of Fourteen in Epoch 1.
9 pt pattern Bottom, Center w.r.t. NIC3-FIX.
POS TARGS = (0", -0.67568") on all exposures.
All Epoch 1 Visits (01-0E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 01
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

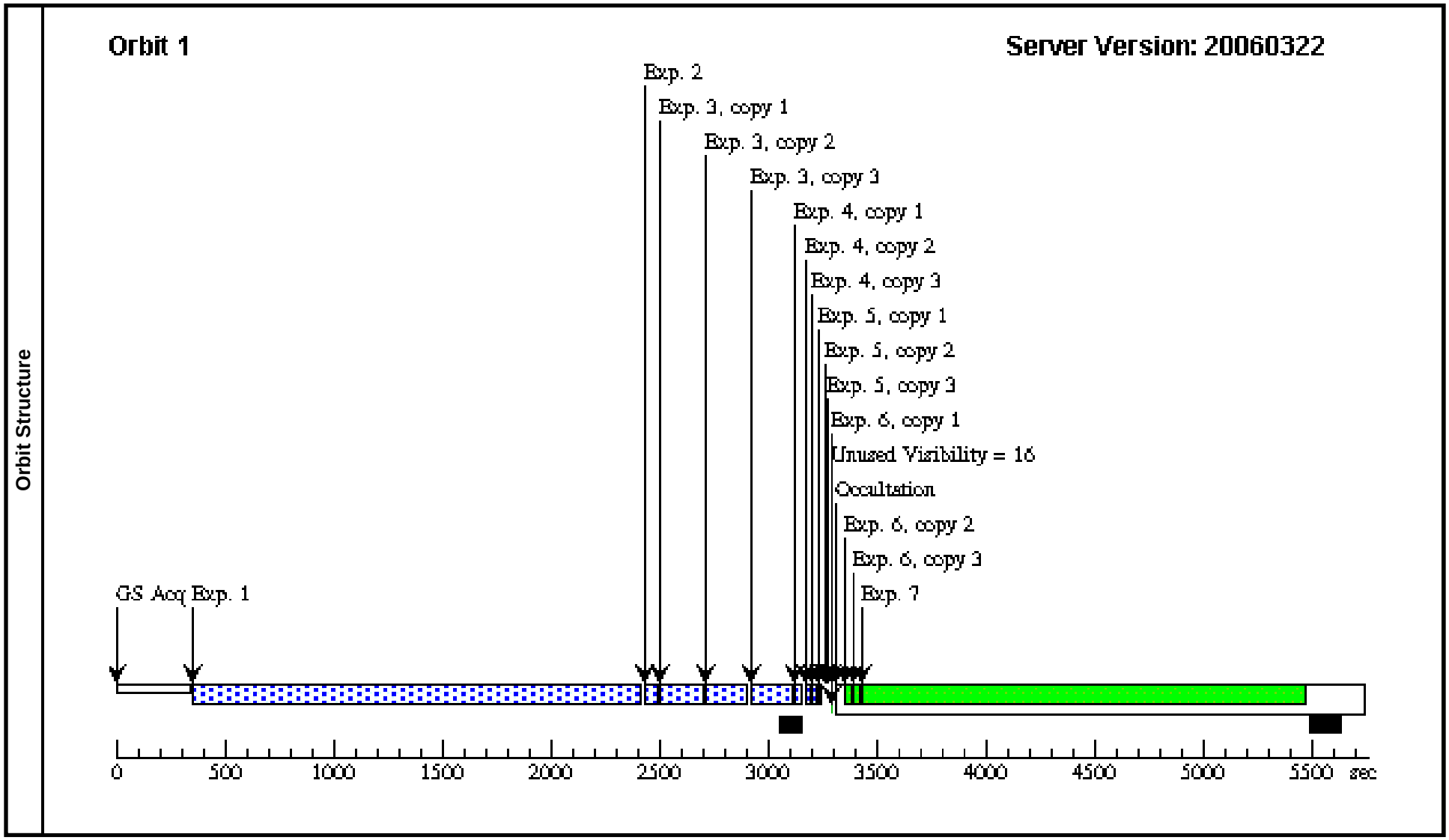
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0,-0.675683; GSPAIR 0775900853F10775900219F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 0A Fri Jun 16 01:06:33 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 01

Comments: Tenth Visit of Fourteen in Epoch 1.
5 pt pattern center w.r.t. NIC3.
POS TARGS = (0.0", +0.0") on all exposures.
All Epoch 1 Visits (01-0E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

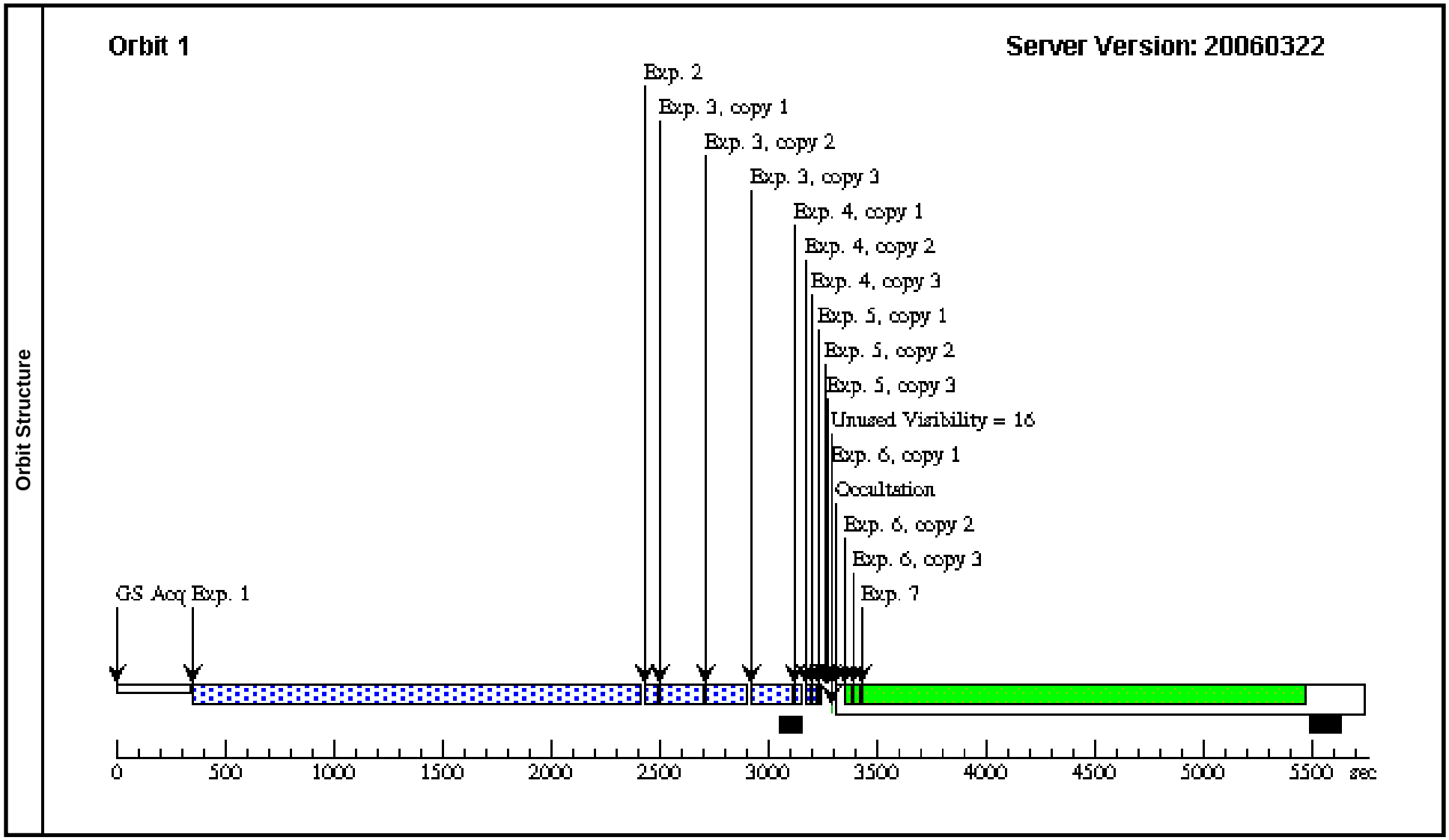
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = +15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0,0; GSPAIR 0775900853F10775900219F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
	Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.								
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
	Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)								


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Unused Visibility = 16
Exp. 6, copy 1
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 0B Fri Jun 16 01:06:34 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 01

Comments: Eleventh Visit of Fourteen in Epoch 1.
5 pt pattern Top, Left w.r.t. NIC3.
POS TARGS = (-0.67769", +0.675683") on all exposures.
All Epoch 1 Visits (01-09) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 0A
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

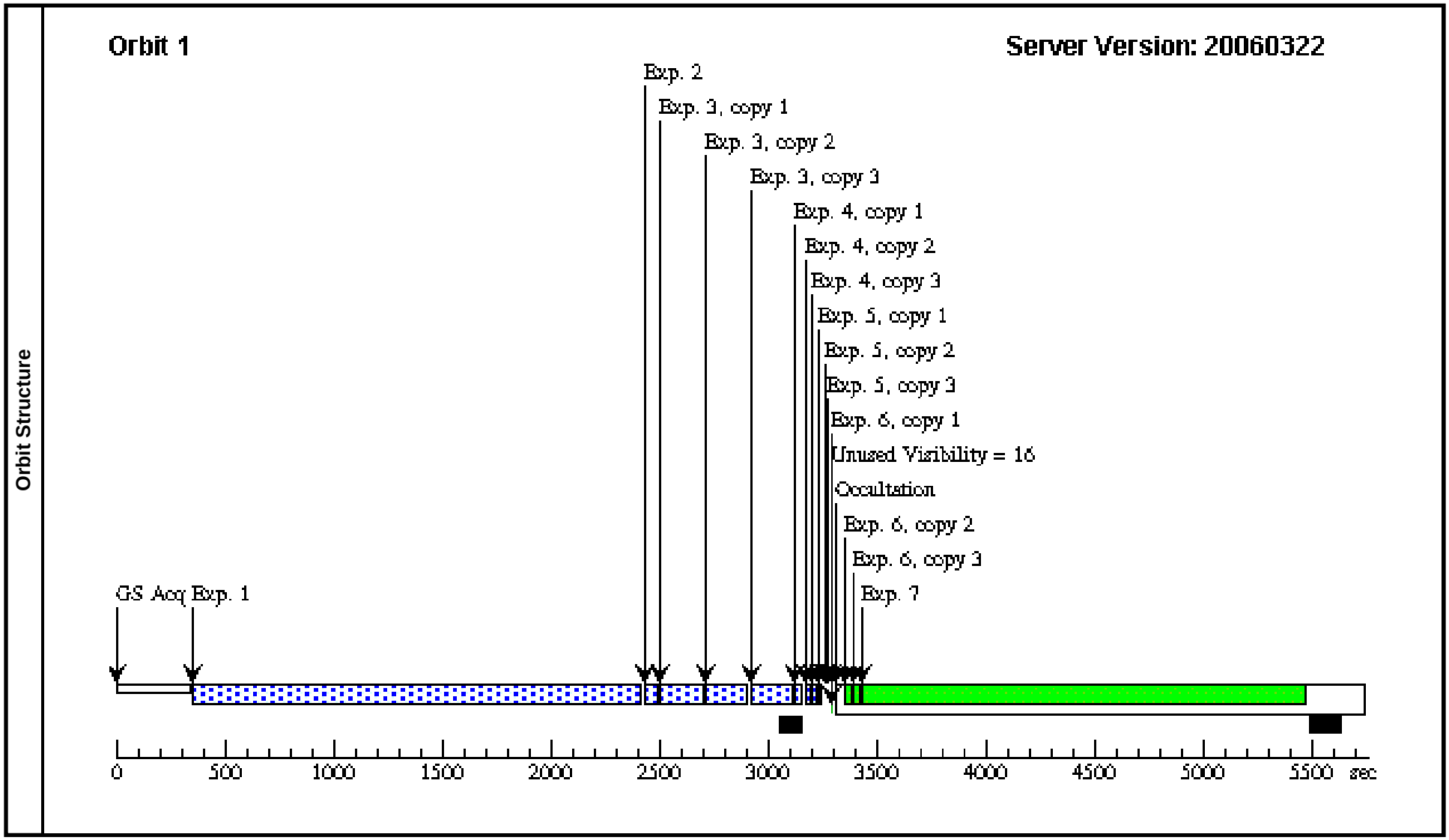
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG -0.67769,0.675683; GSPAIR 077590085 3F10775900219F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 0C Fri Jun 16 01:06:34 GMT 2006

Diagnostic Status: Warning

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 01

Comments: Twelth Visit of Fourteen in Epoch 1.
5 pt pattern Top, Right w.r.t. NIC3.
POS TARGS = (+0.67769", +0.675683") on all exposures.
All Epoch 1 Visits (01-0E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Schedule in SAA non-impacted orbit is possible.

Diagnostics

(Visit 0C) Warning: SAME POS MAY NOT BE APPROPRIATE

(Visit 0C) Warning: SAME POS MAY NOT BE APPROPRIATE

(Visit 0C) Warning: SAME POS MAY NOT BE APPROPRIATE

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = +15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

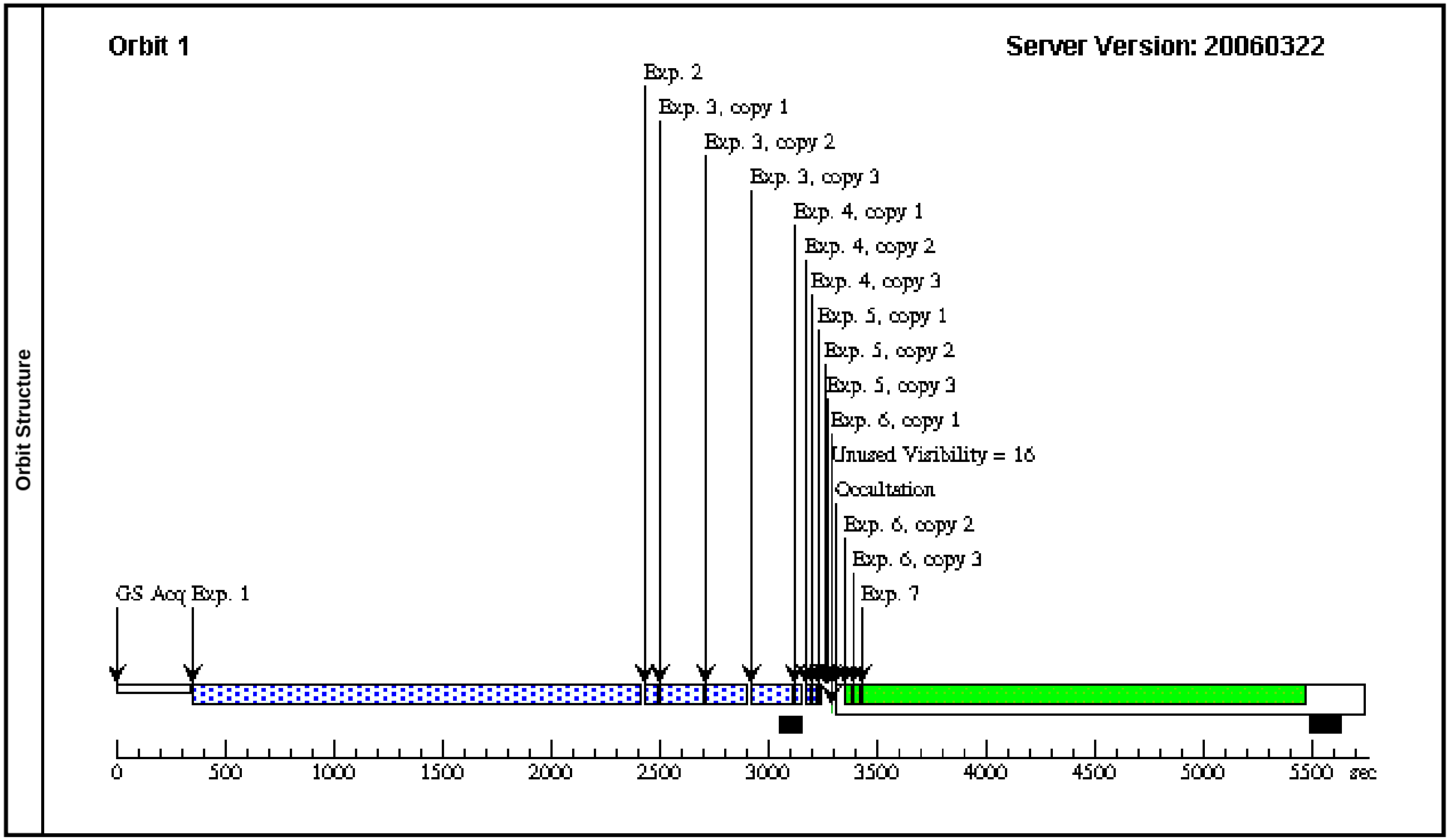
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0.67769, 0.675683; GSPAIR 077590085 3F10775900219F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***

Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
	Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)								
6	REMOVE_PERSISTENCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
	Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush clocking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.								
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS128; NSAMP=18			*[==>]*	***[1]***
	Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)								


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 0D Fri Jun 16 01:06:35 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 01

Comments: Thirteenth Visit of Fourteen in Epoch 1.
5 pt pattern Bottom, Right w.r.t. NIC3.
POS TARGS = (+0.67769", -0.675683") on all exposures.
All Epoch 1 Visits (01-0E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 0A
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

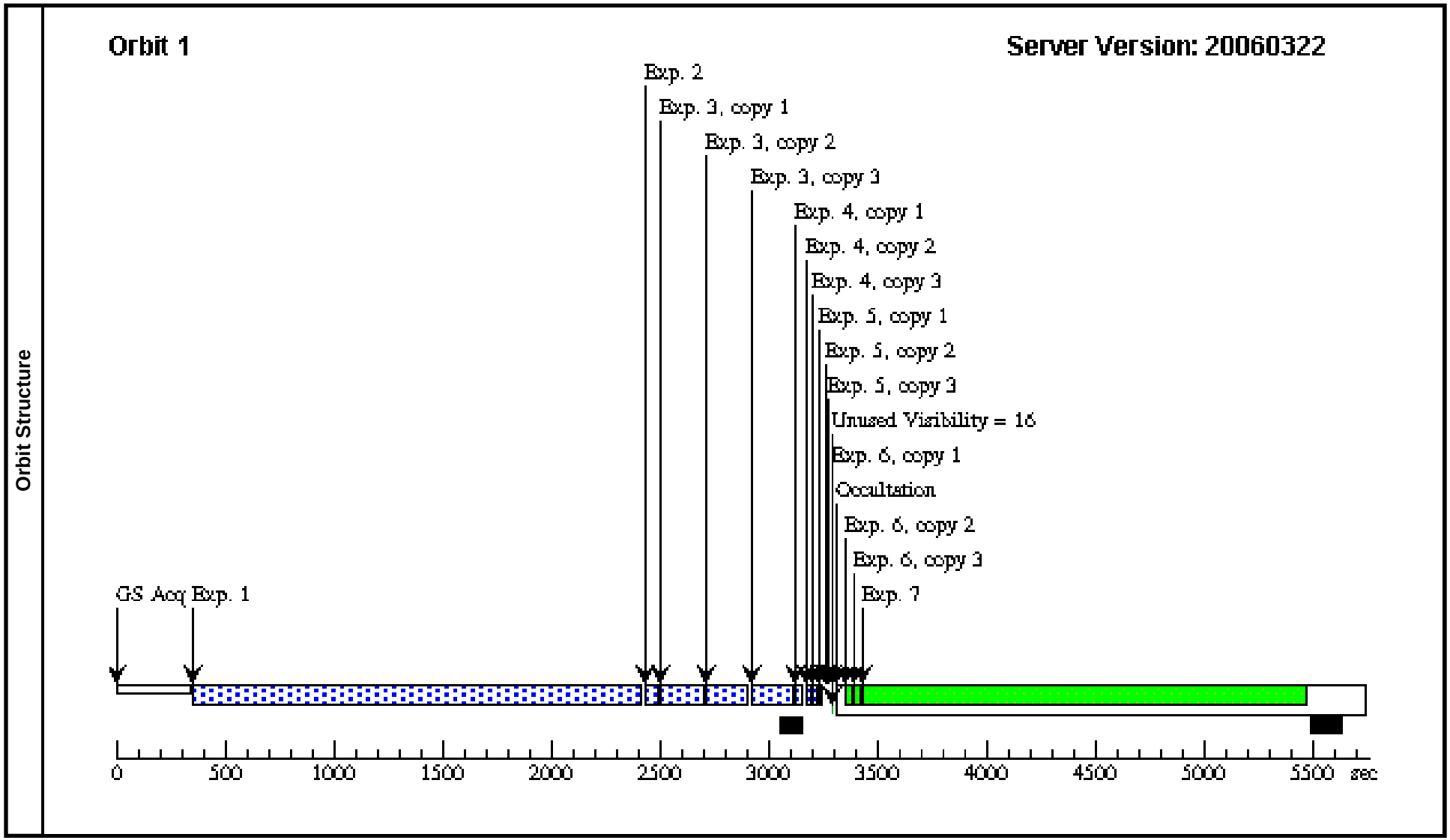
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = +15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0.67769, -0.67568; GSPAIR 0775900853F10775900219F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
	Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.								
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
	Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)								


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Unused Visibility = 16
Exp. 6, copy 1
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 0E Fri Jun 16 01:06:35 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 01

Comments: Fourteenth Visit of Fourteen in Epoch 1.
5 pt pattern Bottom, Left w.r.t. NIC3-FIX.
POS TARGS = (-0.67769", -0.675683") on all exposures.
All Epoch 1 Visits (01-0E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 0A
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

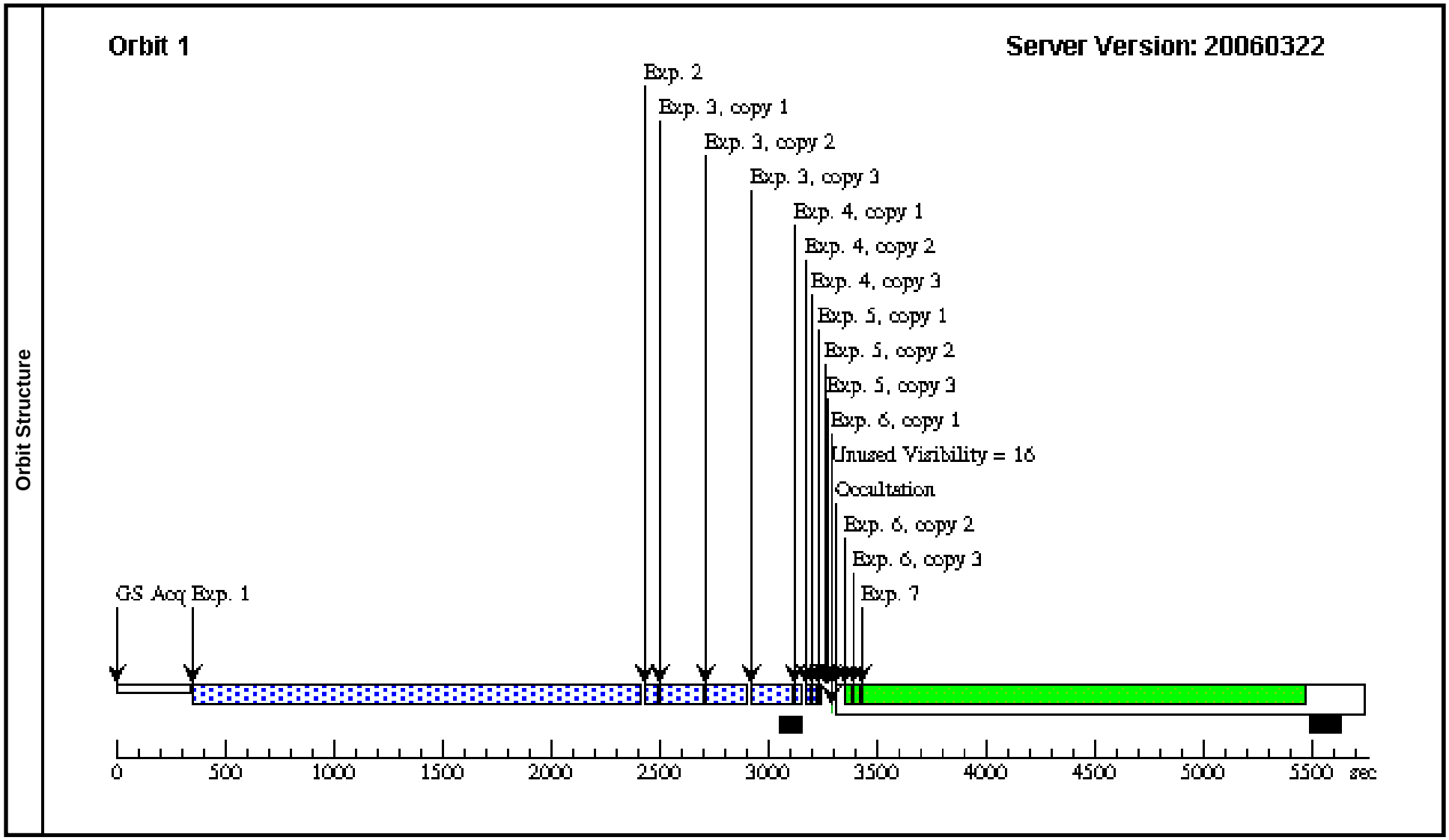
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG -0.67769,-0.67568; GSPAIR 0775900853F10775900219F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
	Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.								
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
	Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)								


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 61 Fri Jun 16 01:06:35 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: ORIENT 301.2D TO 302.2 D

Comments: First Visit of Fourteen in Epoch 2.
9 pt pattern center w.r.t. NIC3-FIX.
POS TARGS = (0.0", +0.0") on all exposures.
All Epoch 2 Visits (61-6E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

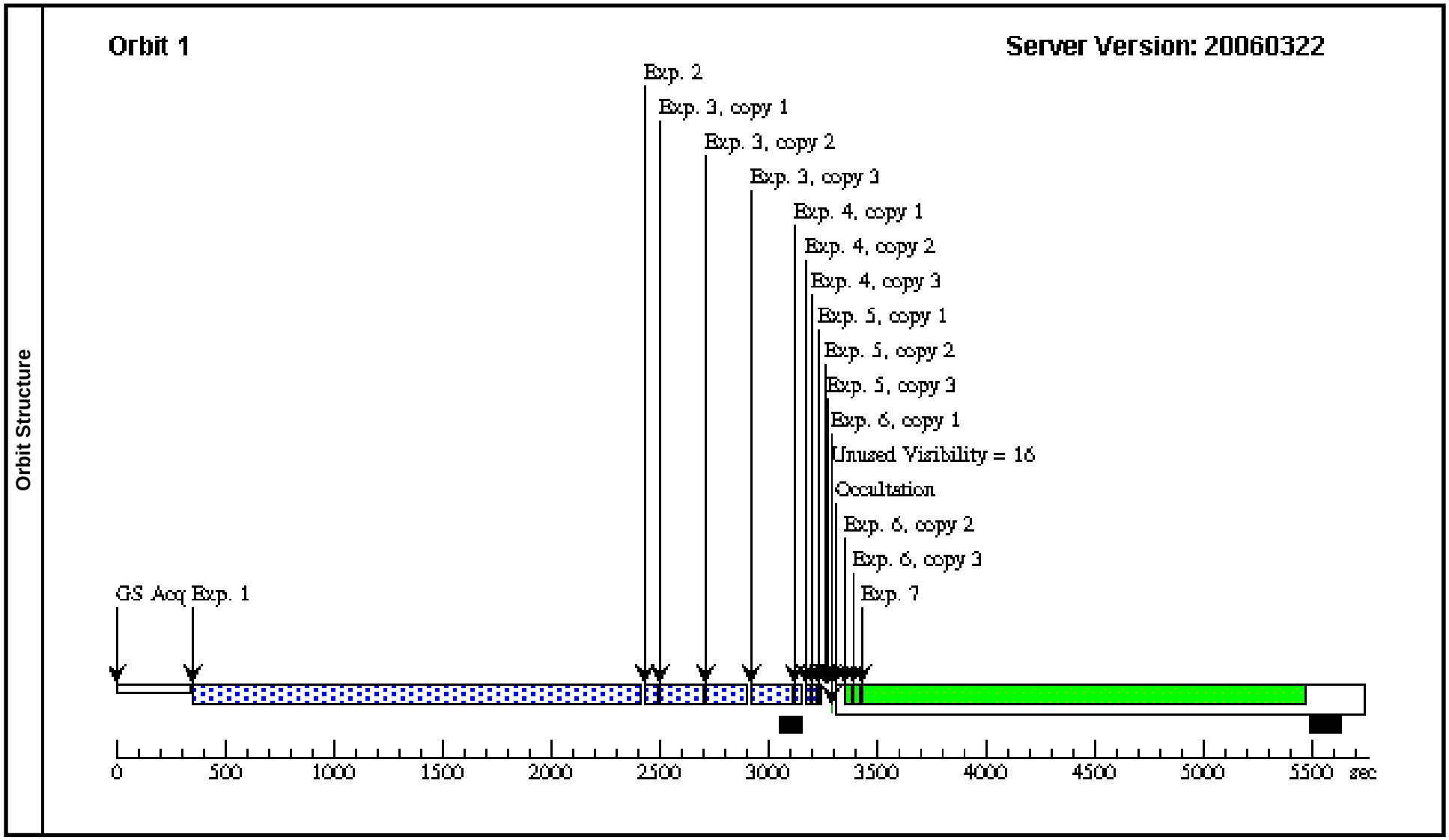
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = +15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0,0; GSPAIR 0775900058F10775900492F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 62 Fri Jun 16 01:06:36 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 61

Comments: Second Visit of Fourteen in Epoch 2.
9 pt pattern Top, Left w.r.t. NIC3-FIX.
POS TARGS = (-0.67769", +0.675683") on all exposures.
All Epoch 2 Visits (61-6E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 61
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

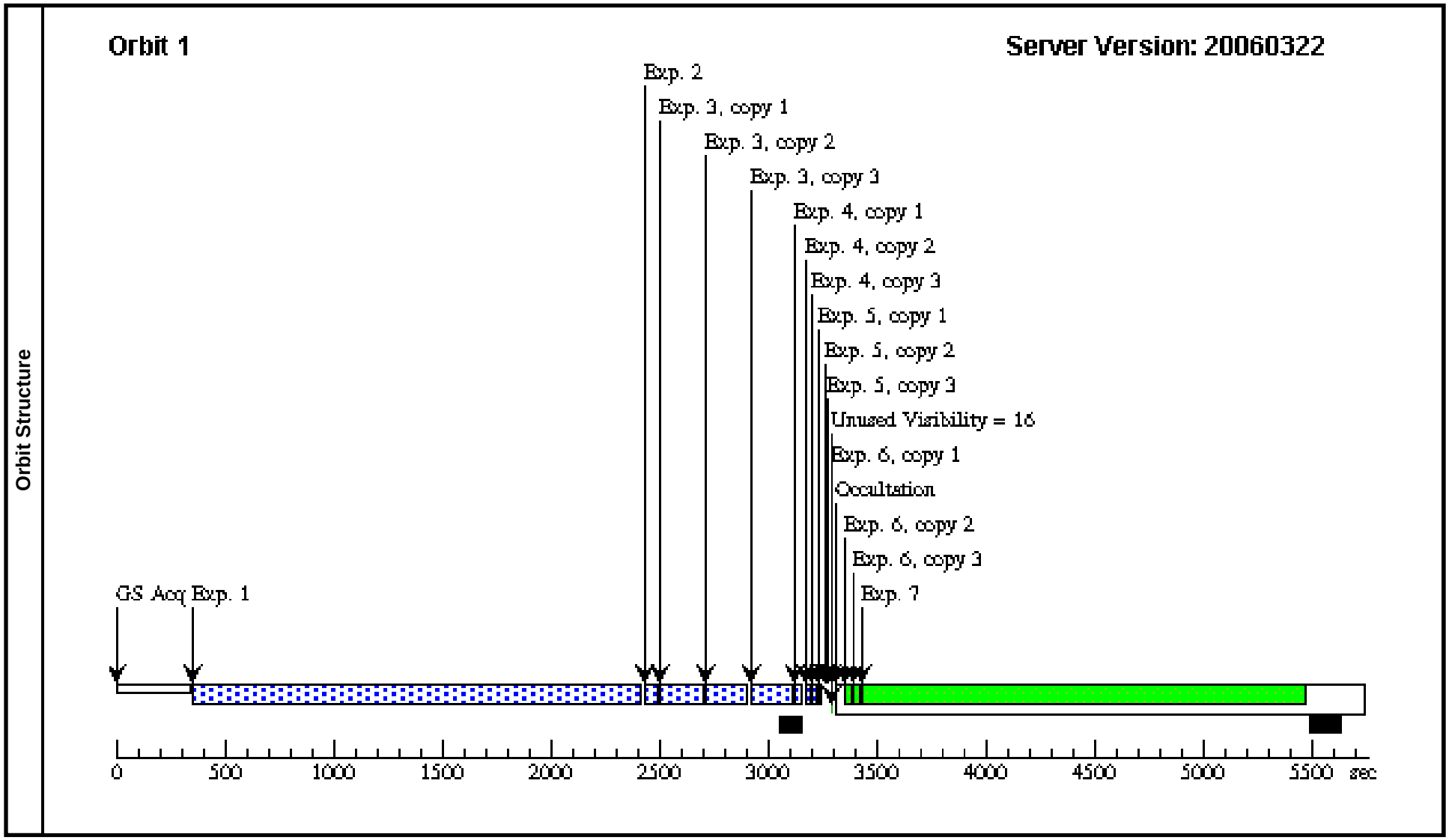
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = +15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG -0.67769,0.675683; GSPAIR 0775900058F10775900492F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit Structure
Orbit 1
Server Version: 20060322
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Unused Visibility = 16
Exp. 6, copy 1
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 63 Fri Jun 16 01:06:36 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 61

Comments: Third Visit of Fourteen in Epoch 2.
9 pt pattern Top, Right w.r.t. NIC3-FIX.
POS TARGS = (+0.67769", +0.675683") on all exposures.
All Epoch 2 Visits (61-6E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 61
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

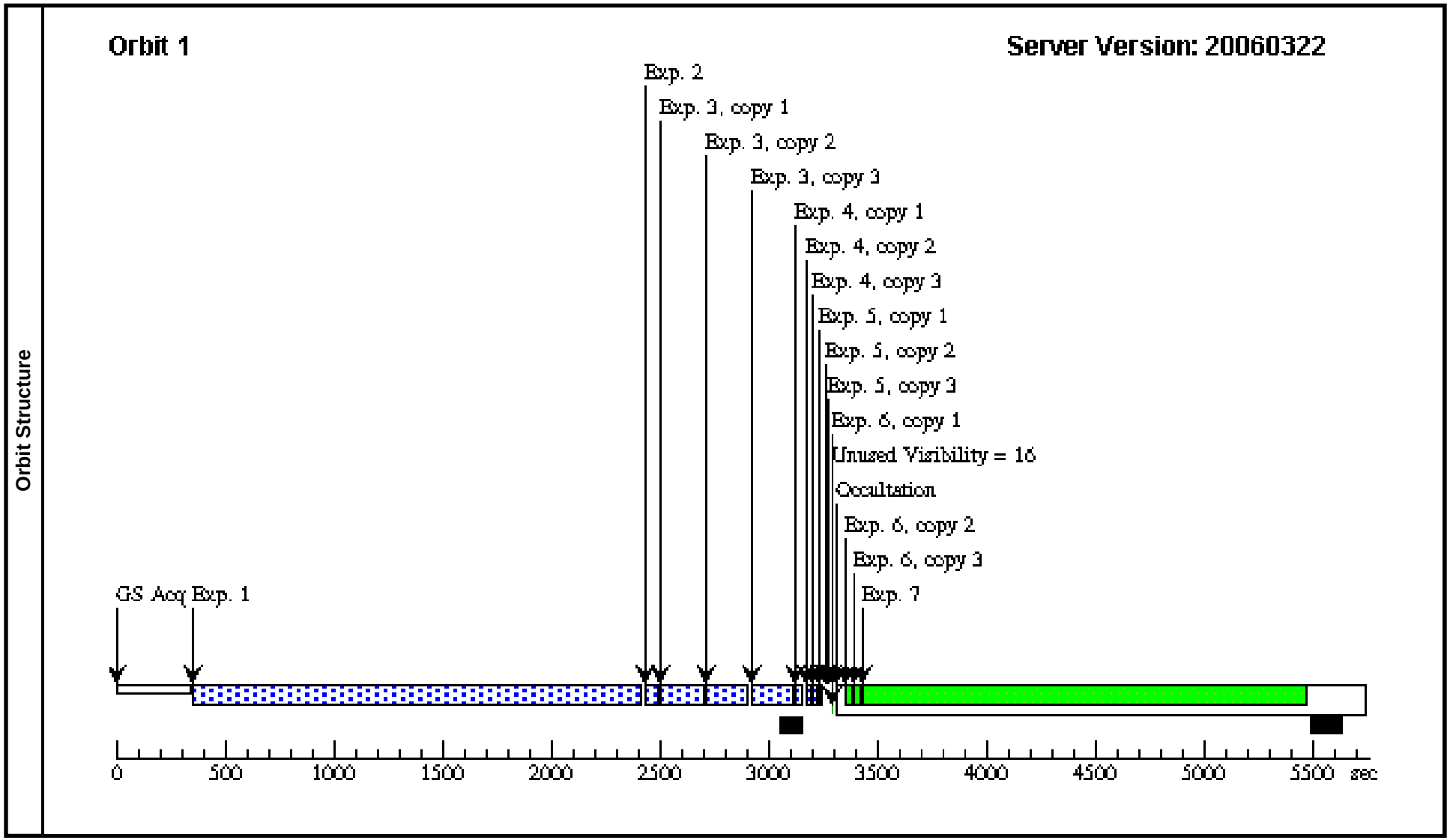
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0.67769, 0.675683; GSPAIR 0775900058F10775900492F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit Structure
Orbit 1
Server Version: 20060322
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 64 Fri Jun 16 01:06:37 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 61

Comments: Fourth Visit of Fourteen in Epoch 2.
9 pt pattern Bottom, Right w.r.t. NIC3-FIX.
POS TARGS = (+0.67769", -0.675683") on all exposures.
All Epoch 2 Visits (61-6E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 61
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

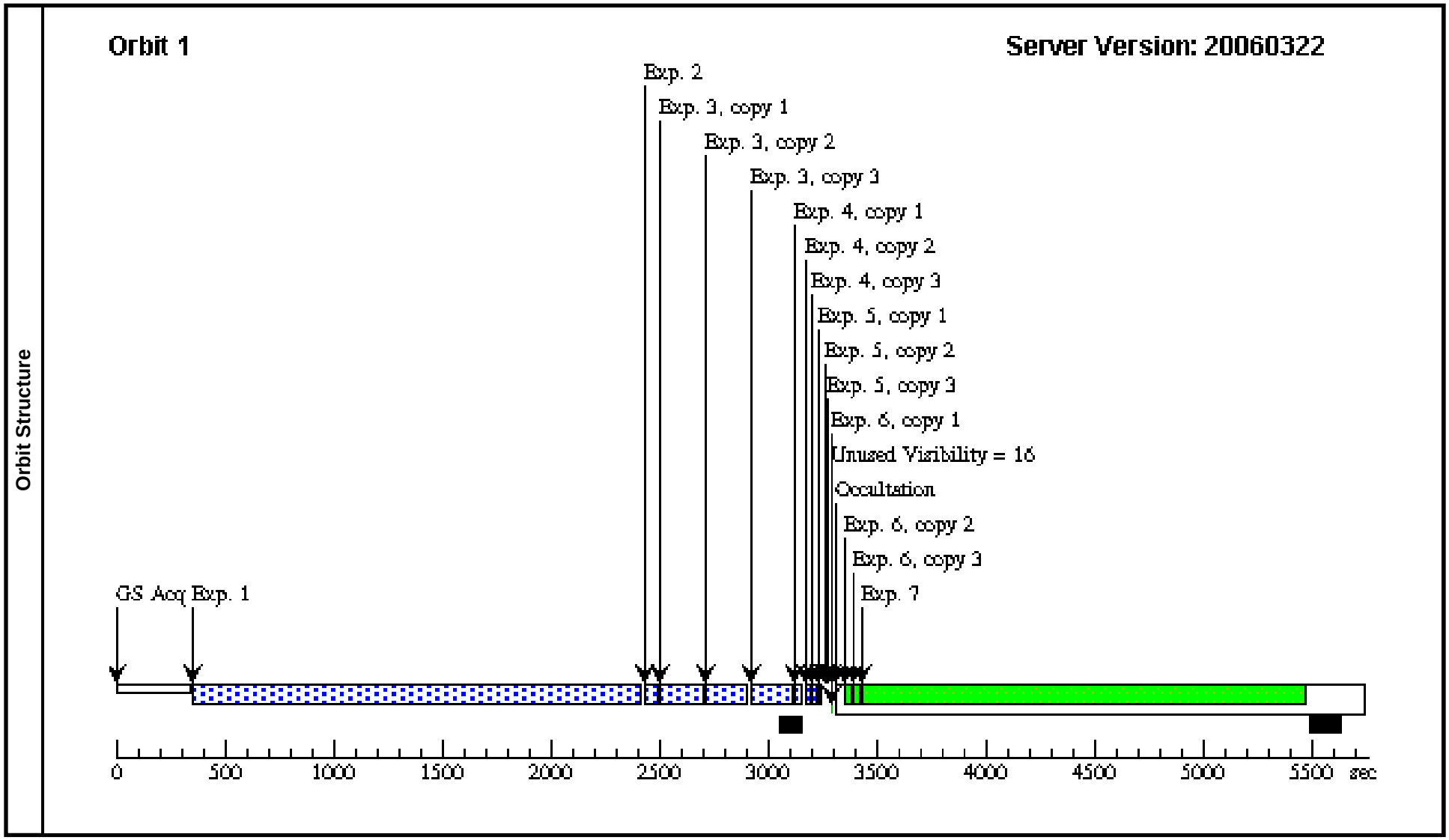
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0.67769, -0.67568; GSPAIR 0775900058F10775900492F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 65 Fri Jun 16 01:06:37 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 61

Comments: Fifth Visit of Fourteen in Epoch 2.
9 pt pattern Bottom, Left w.r.t. NIC3-FIX.
POS TARGS = (-0.67769", -0.675683") on all exposures.
All Epoch 2 Visits (61-6E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 61
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

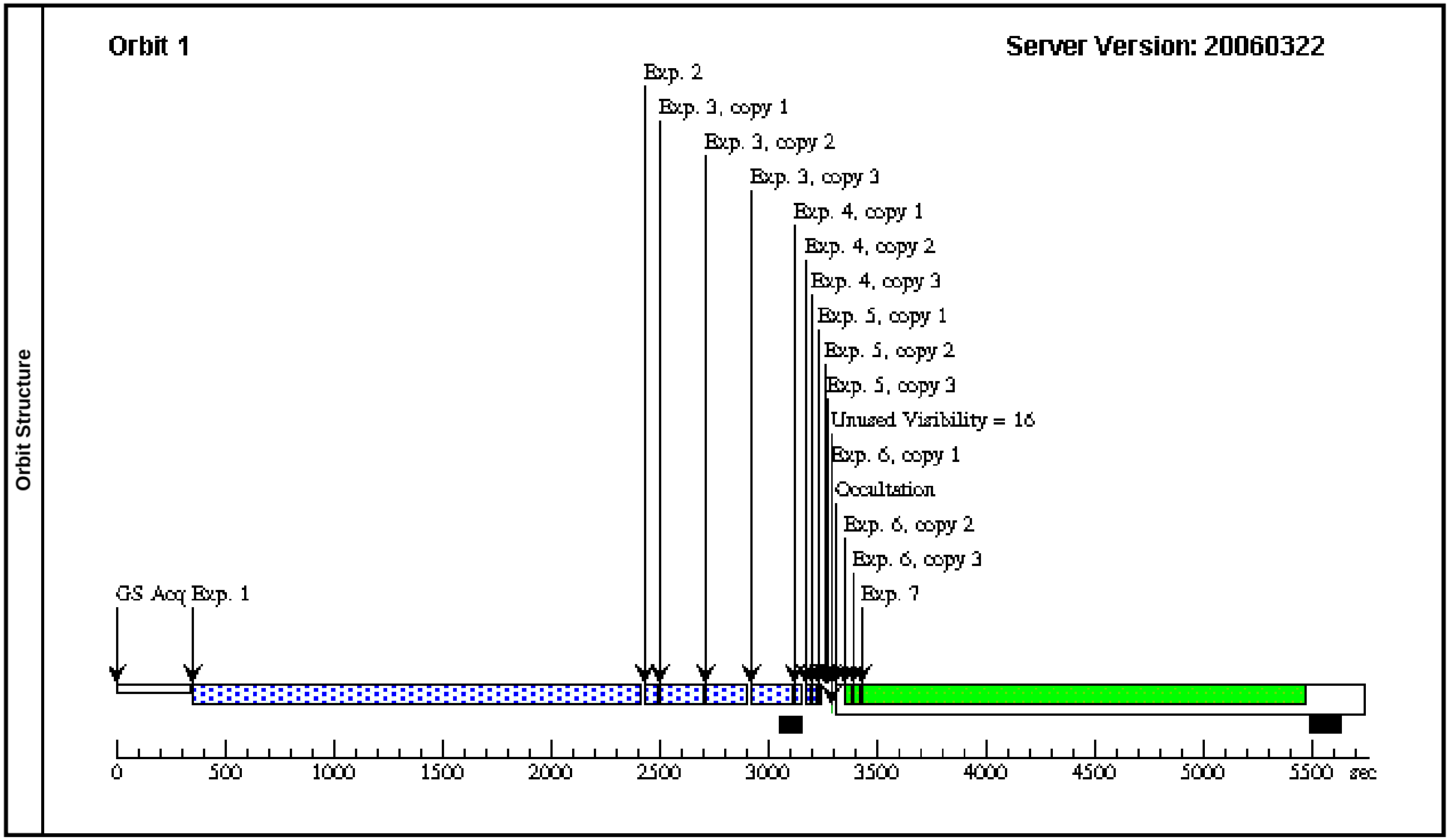
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG -0.67769,-0.67568; GSPAIR 0775900058F10775900492F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
	Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.								
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
	Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)								


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Unused Visibility = 16
Exp. 6, copy 1
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 66 Fri Jun 16 01:06:38 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 61

Comments: Sixth Visit of Fourteen in Epoch 2.
9 pt pattern Center, Left w.r.t. NIC3-FIX.
POS TARGS = (-0.67769", 0.0") on all exposures.
All Epoch 2 Visits (61-6E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 61
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

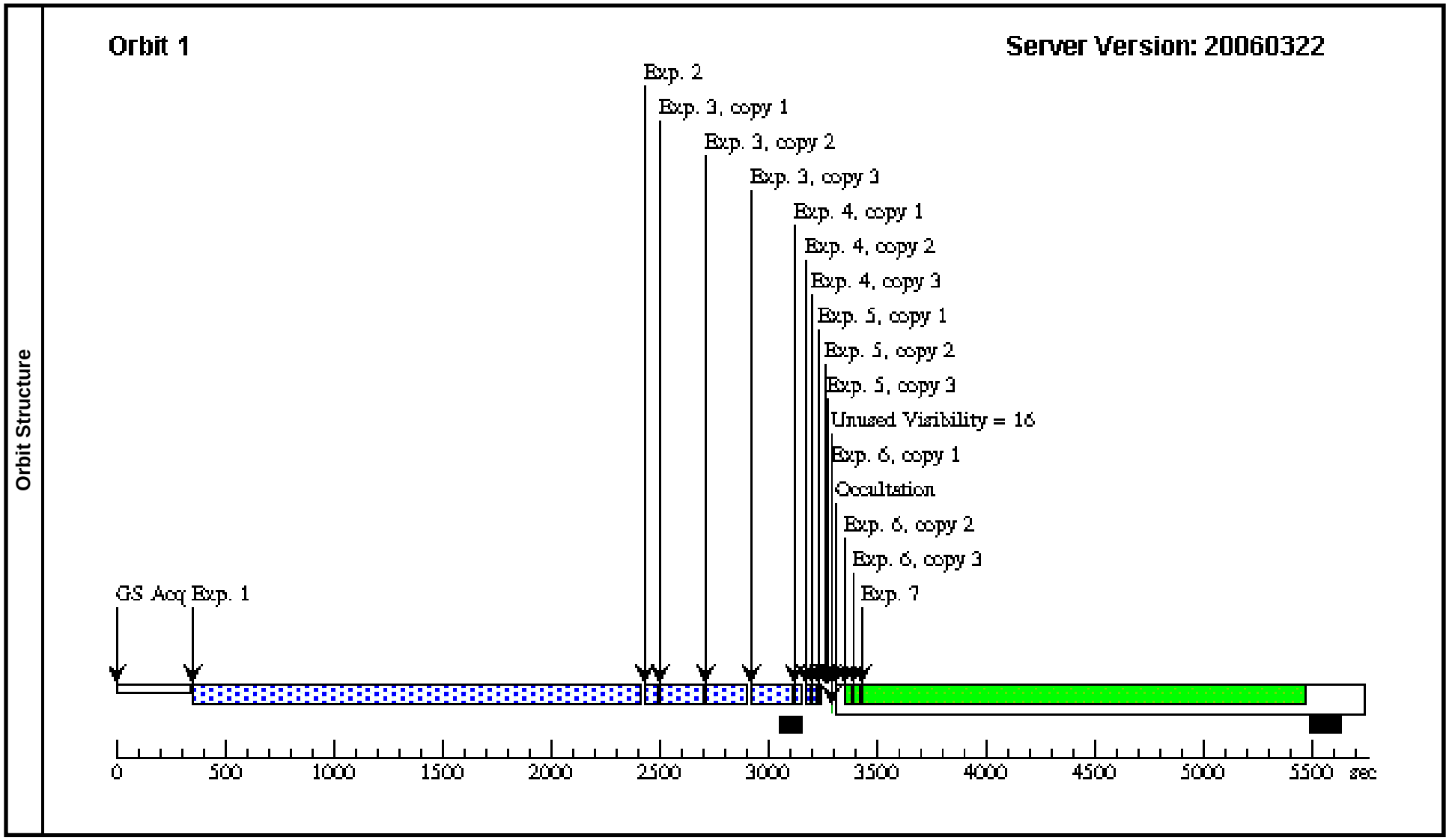
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG -0.67769,0; GSPAIR 077590005 8F10775900492F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Unused Visibility = 16
Exp. 6, copy 1
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 67 Fri Jun 16 01:06:38 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 61

Comments: Seventh Visit of Fourteen in Epoch 2.
9 pt pattern Top, Center w.r.t. NIC3-FIX.
POS TARGS = (0.0", +0.675683") on all exposures.
All Epoch 2 Visits (61-6E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 61
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

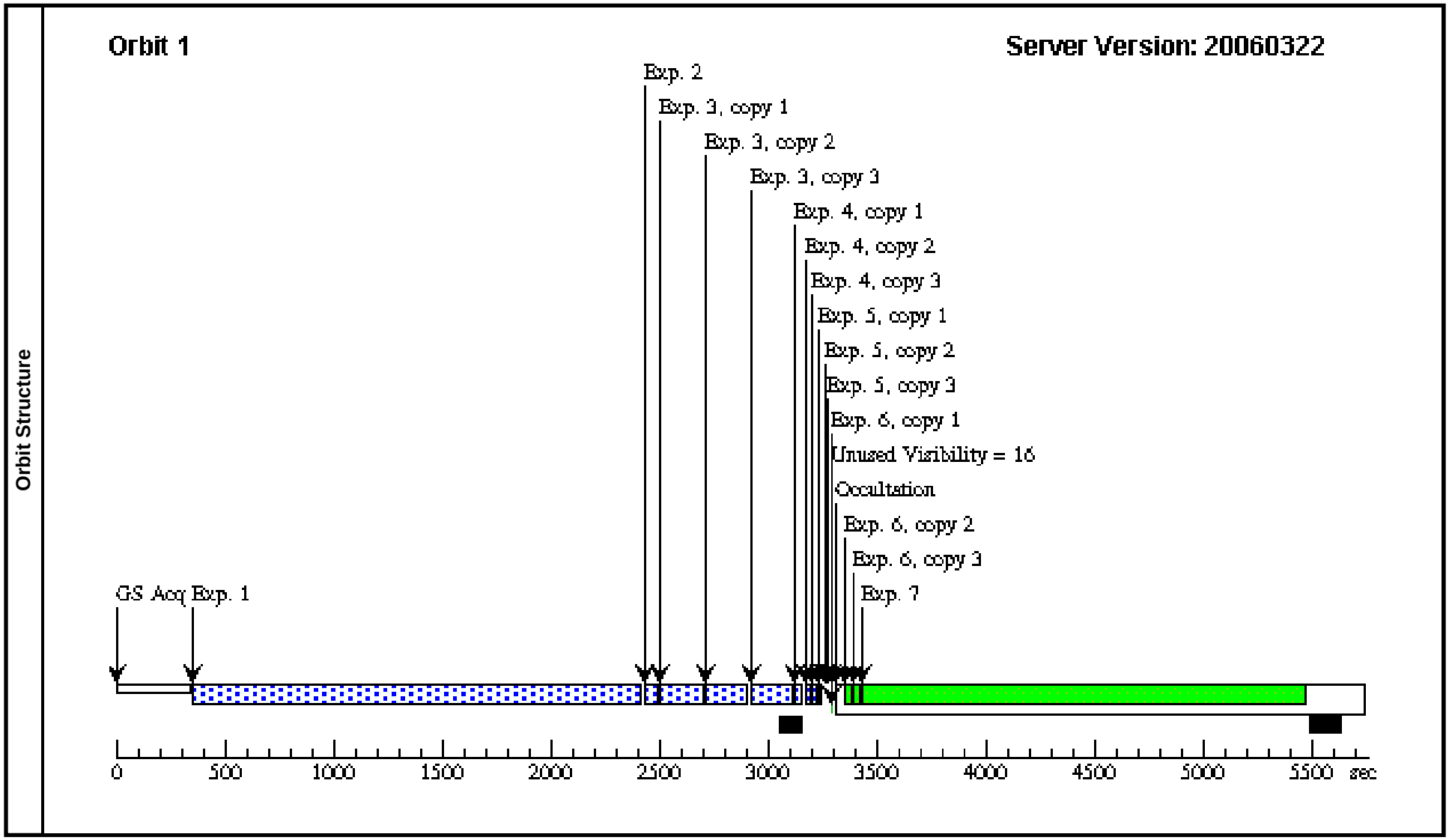
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = +15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0,0.675683; GSPAIR 0775900058F10775900492F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 68 Fri Jun 16 01:06:38 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 61

Comments: Eighth Visit of Fourteen in Epoch 2.
9 pt pattern Center, Right w.r.t. NIC3-FIX.
POS TARGS = (+0.67769", 0.0") on all exposures.
All Epoch 2 Visits (61-6E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 61
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

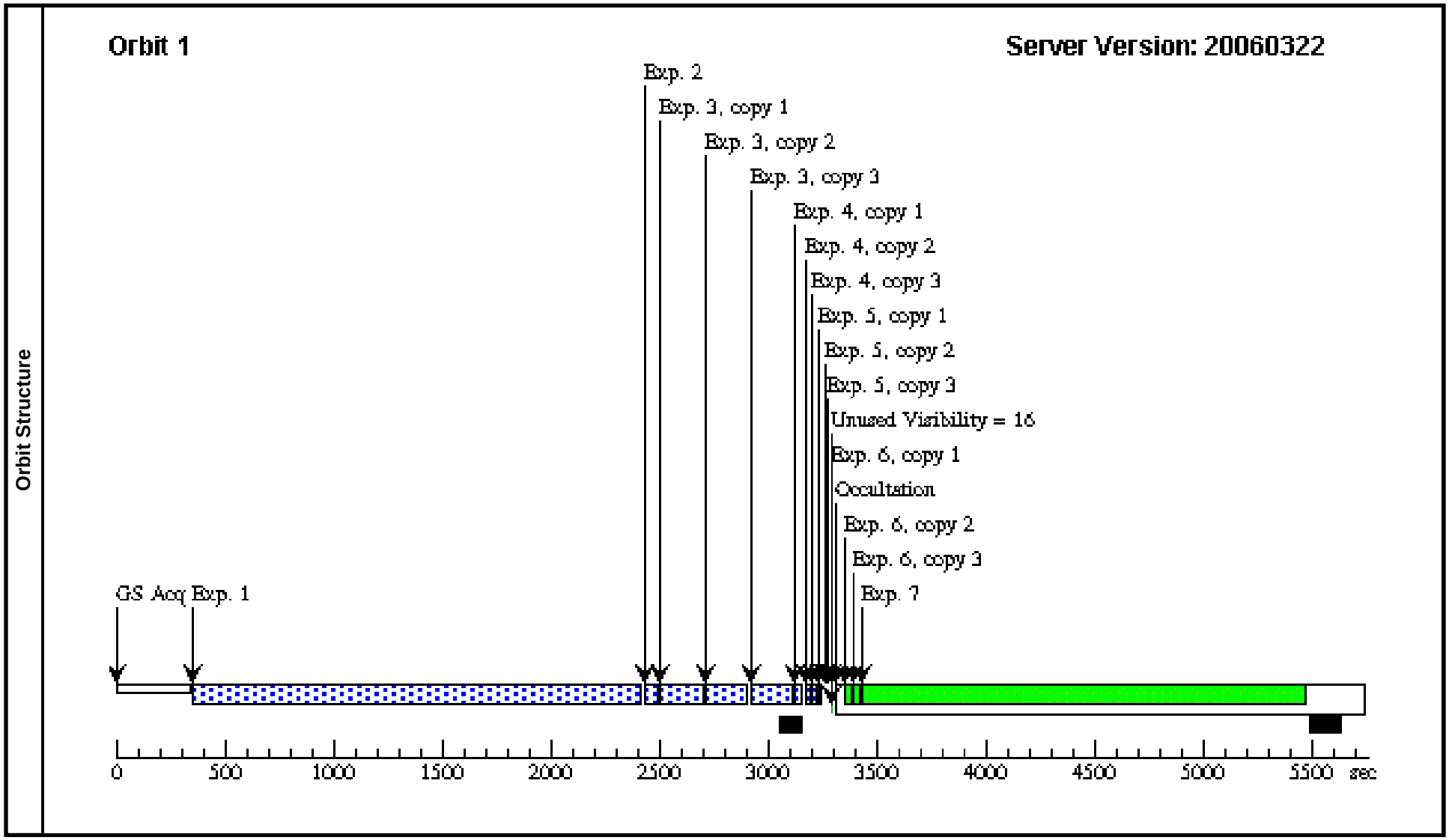
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0.67769, 0; GSPAIR 0775900058F10775900492F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Unused Visibility = 16
Exp. 6, copy 1
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 69 Fri Jun 16 01:06:39 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 61

Comments: Ninth Visit of Fourteen in Epoch 2.
9 pt pattern Bottom, Center w.r.t. NIC3-FIX.
POS TARGS = (0", -0.67568") on all exposures.
All Epoch 2 Visits (61-6E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 61
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

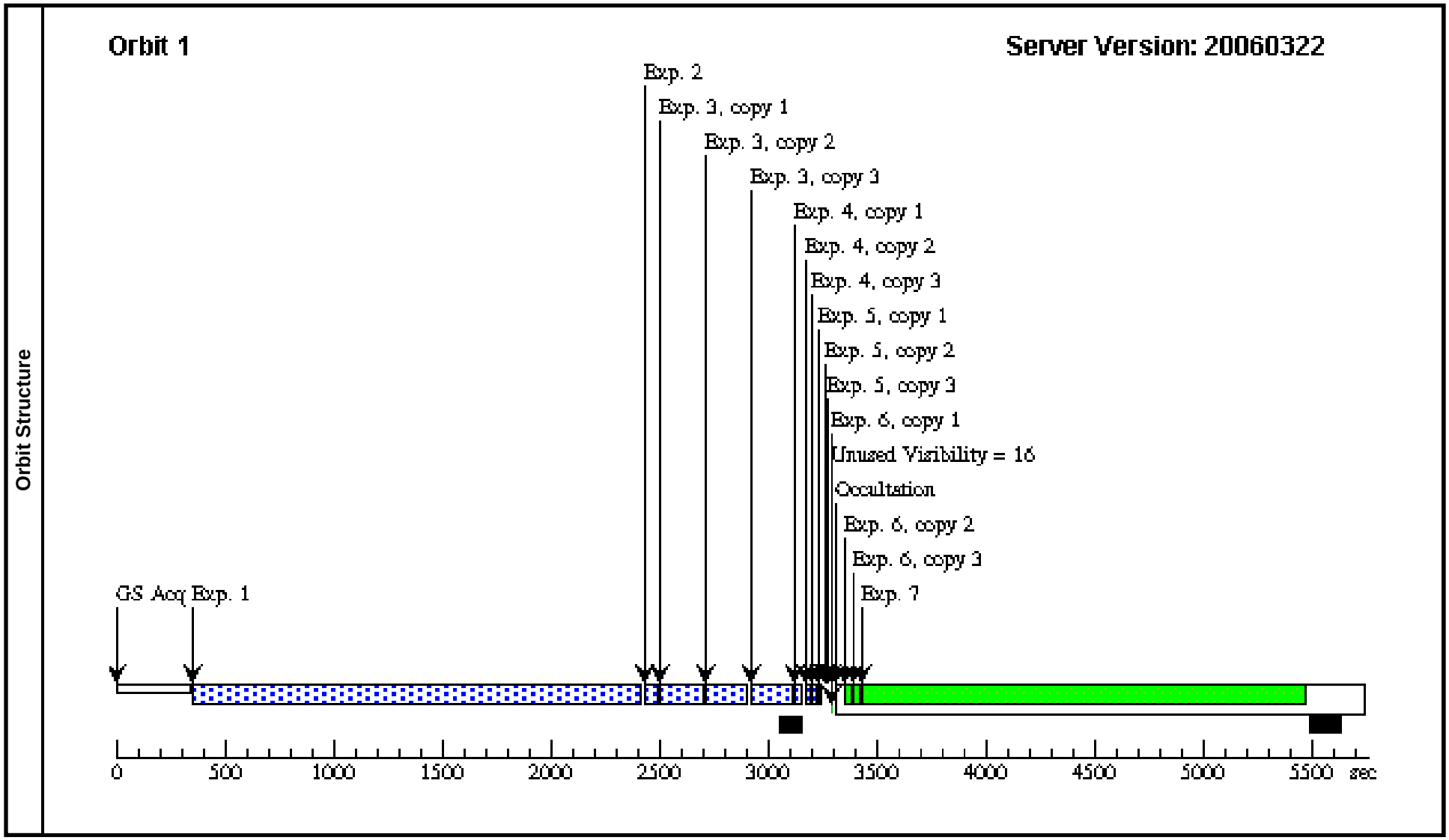
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0,-0.675683; GSPAIR 0775900058F10775900492F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 6A Fri Jun 16 01:06:39 GMT 2006

Diagnostic Status: Warning

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 61

Comments: Tenth Visit of Fourteen in Epoch 2.
5 pt pattern center w.r.t. NIC3.
POS TARGS = (0.0", +0.0") on all exposures.
All Epoch 2 Visits (61-6E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Schedule in SAA non-impacted orbit is possible.

Diagnostics

(Visit 6A) Warning: NICMOS EXPOSURE TIME TOO SHORT

(Visit 6A) Warning: NICMOS EXPOSURE TIME TOO SHORT

(Visit 6A) Warning: NICMOS EXPOSURE TIME TOO SHORT

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = +15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

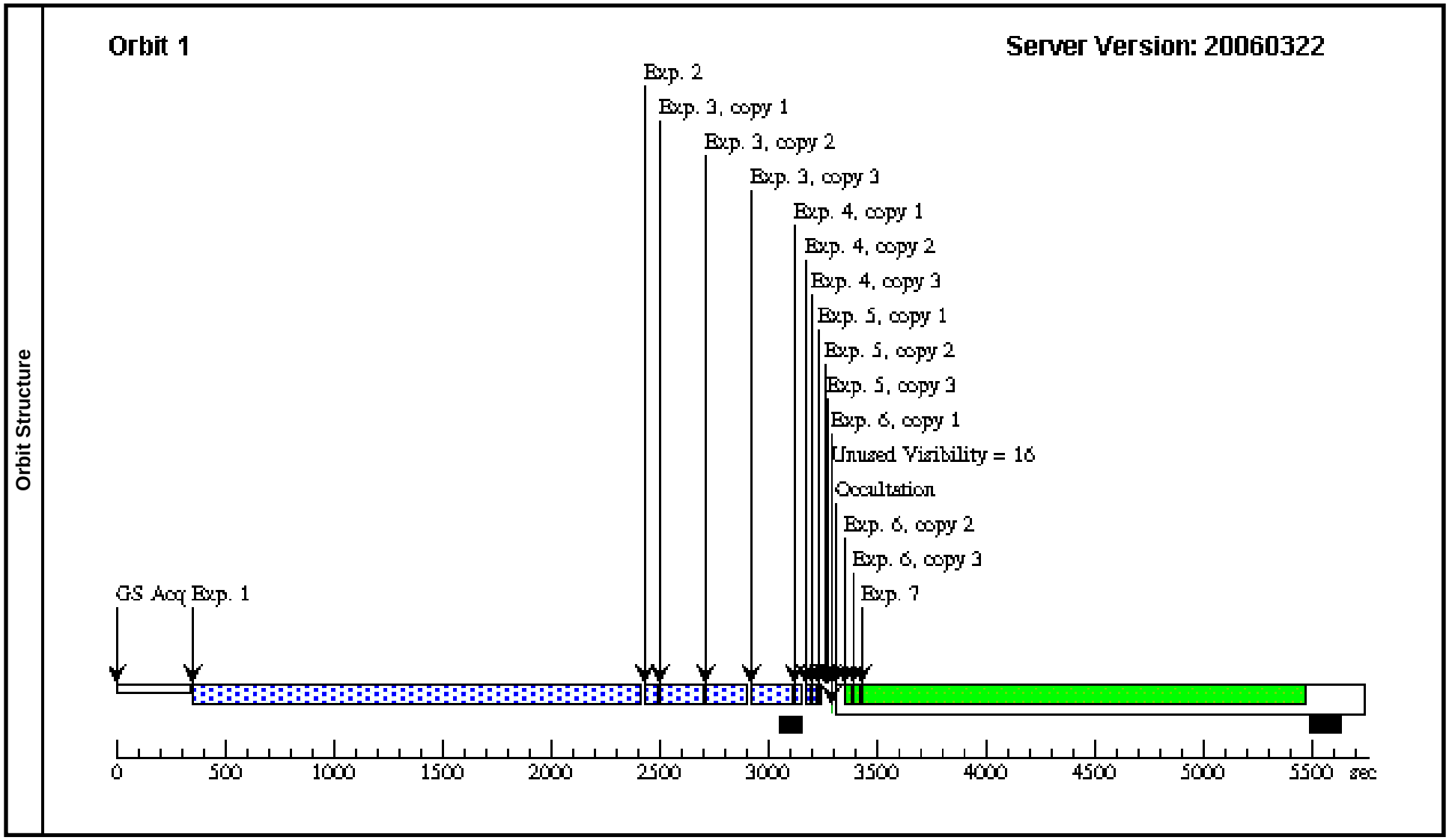
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0,0; GSPAIR 0775900058F10775900492F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***

Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
	Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)								
6	REMOVE_PERSISTENCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			0.203 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
	Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.								
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS128; NSAMP=18			*[==>]*	***[1]***
	Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)								


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 6B Fri Jun 16 01:06:40 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 61

Comments: Eleventh Visit of Fourteen in Epoch 2.
5 pt pattern Top, Left w.r.t. NIC3.
POS TARGS = (-0.67769", +0.675683") on all exposures.
All Epoch 2 Visits (61-6E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 6A
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

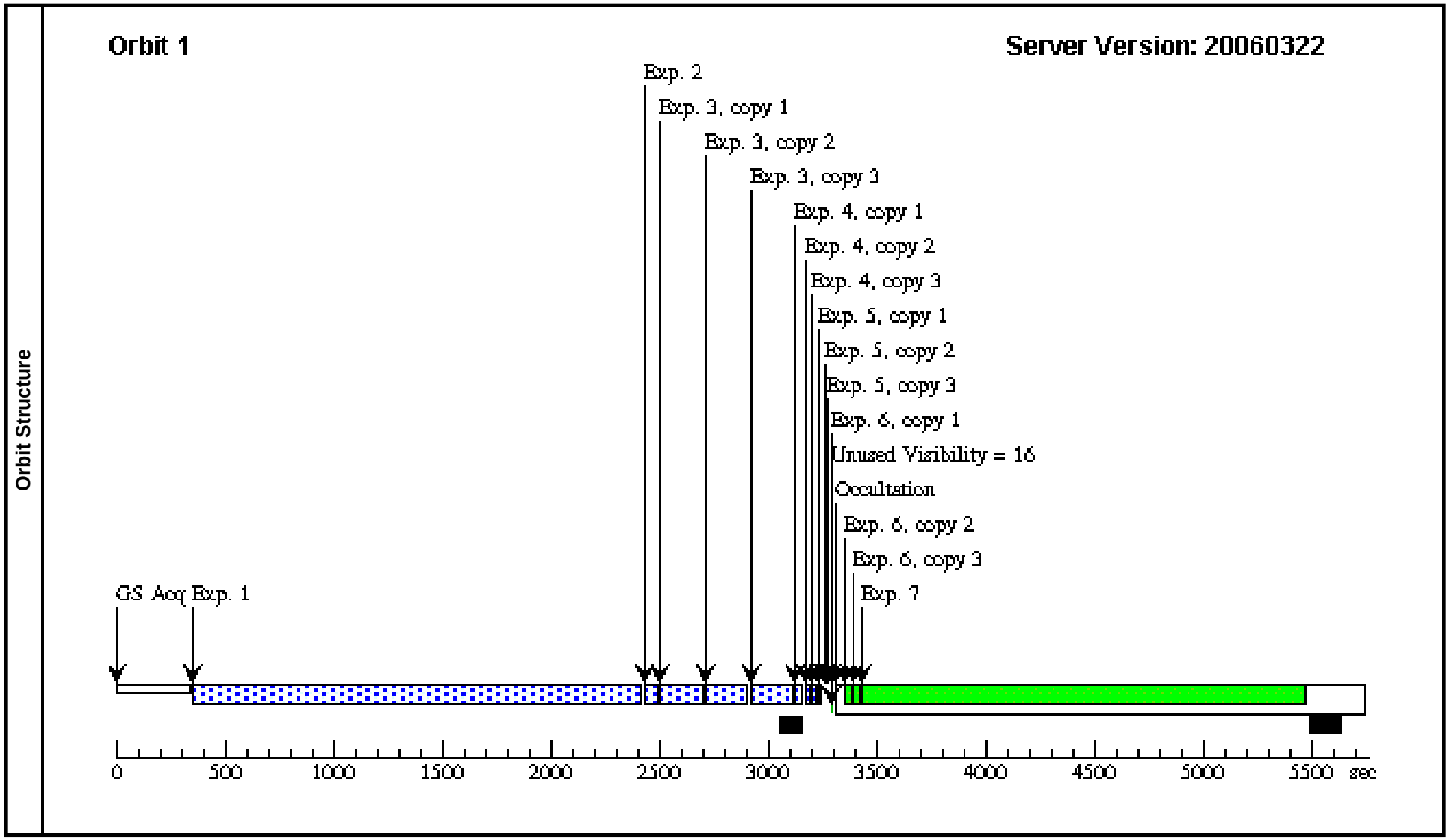
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG -0.67769,0.675683; GSPAIR 0775900058F10775900492F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 6C Fri Jun 16 01:06:40 GMT 2006

Diagnostic Status: Warning

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 61

Comments: Twelth Visit of Fourteen in Epoch 2.
5 pt pattern Top, Right w.r.t. NIC3.
POS TARGS = (+0.67769", +0.675683") on all exposures.
All Epoch 2 Visits (61-6E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 6A
Schedule in SAA non-impacted orbit is possible.

Diagnostics

(Visit 6C) Warning: SAME POS MAY NOT BE APPROPRIATE

(Visit 6C) Warning: SAME POS MAY NOT BE APPROPRIATE

(Visit 6C) Warning: SAME POS MAY NOT BE APPROPRIATE

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = +15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

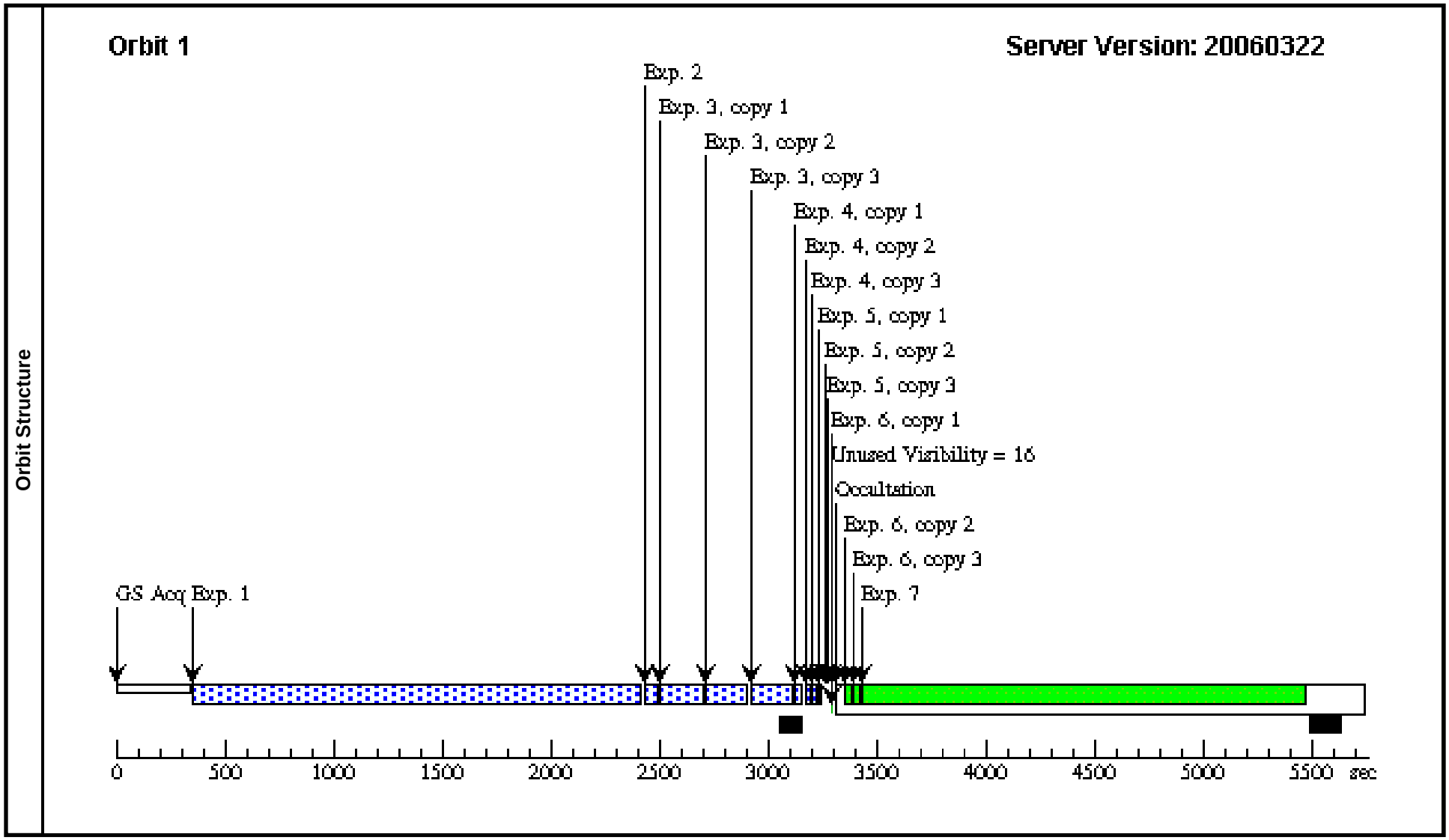
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0.67769, 0.675683; GSPAIR 077590005 8F10775900492F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***

Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
	Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)								
6	REMOVE_PERSISTENCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
	Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush clocking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.								
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS128; NSAMP=18			*[==>]*	***[1]***
	Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)								


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 6D Fri Jun 16 01:06:41 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 61

Comments: Thirteenth Visit of Fourteen in Epoch 2.
5 pt pattern Bottom, Right w.r.t. NIC3.
POS TARGS = (+0.67769", -0.675683") on all exposures.
All Epoch 2 Visits (61-6E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 6A
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

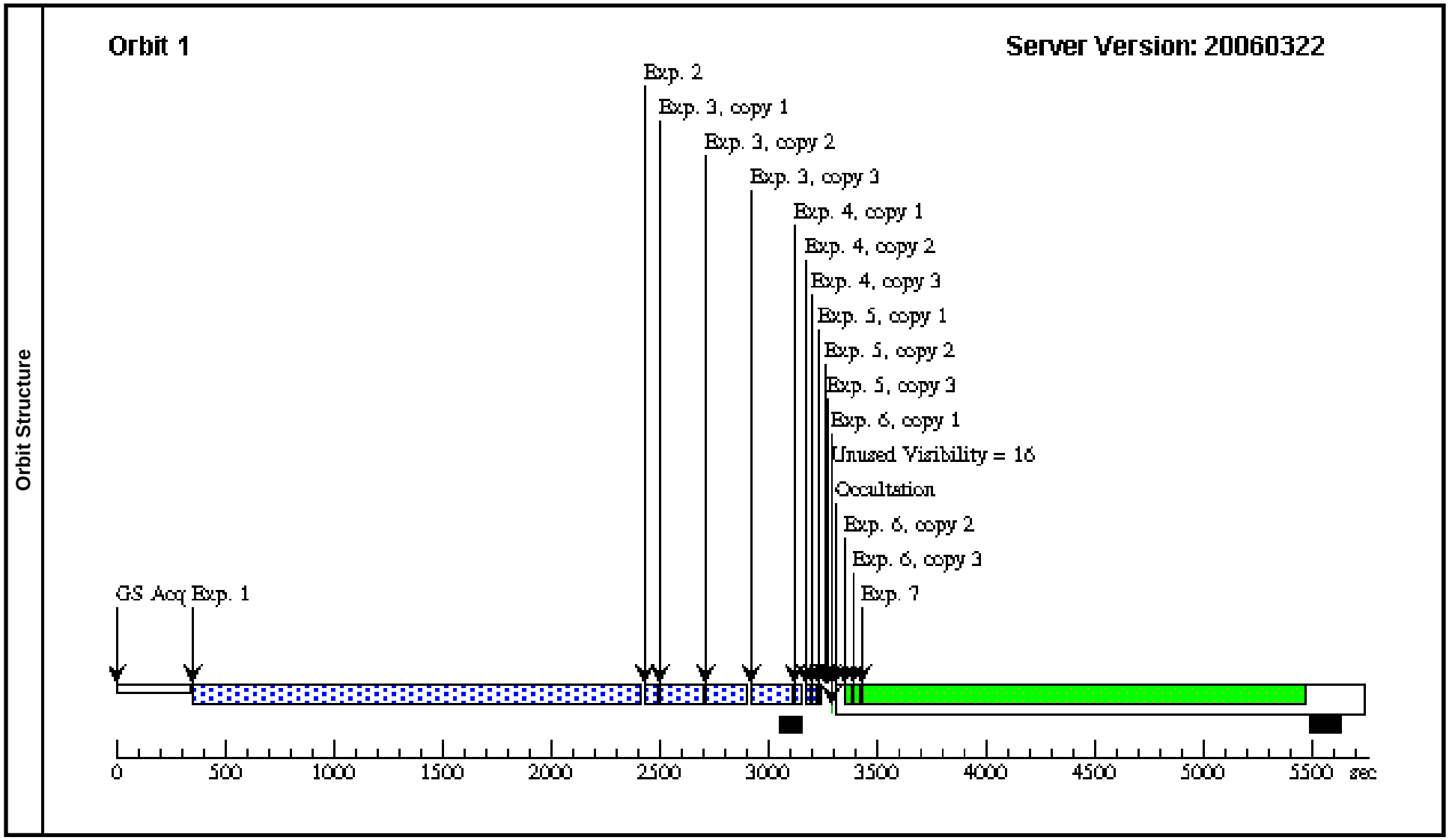
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG 0.67769, -0.67568; GSPAIR 0775900058F10775900492F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.									
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)									


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Exp. 6, copy 1
Unused Visibility = 16
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 6E Fri Jun 16 01:06:41 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: SAME ORIENT AS 61

Comments: Fourteenth Visit of Fourteen in Epoch 2.
5 pt pattern Bottom, Left w.r.t. NIC3-FIX.
POS TARGS = (-0.67769", -0.675683") on all exposures.
All Epoch 2 Visits (61-6E) MUST be at the same Orientation Angle.
PA of Companion = 125.4 deg E of N. Sep of companion = 0.774"
Use Same Guide Stars as Visit 6A
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

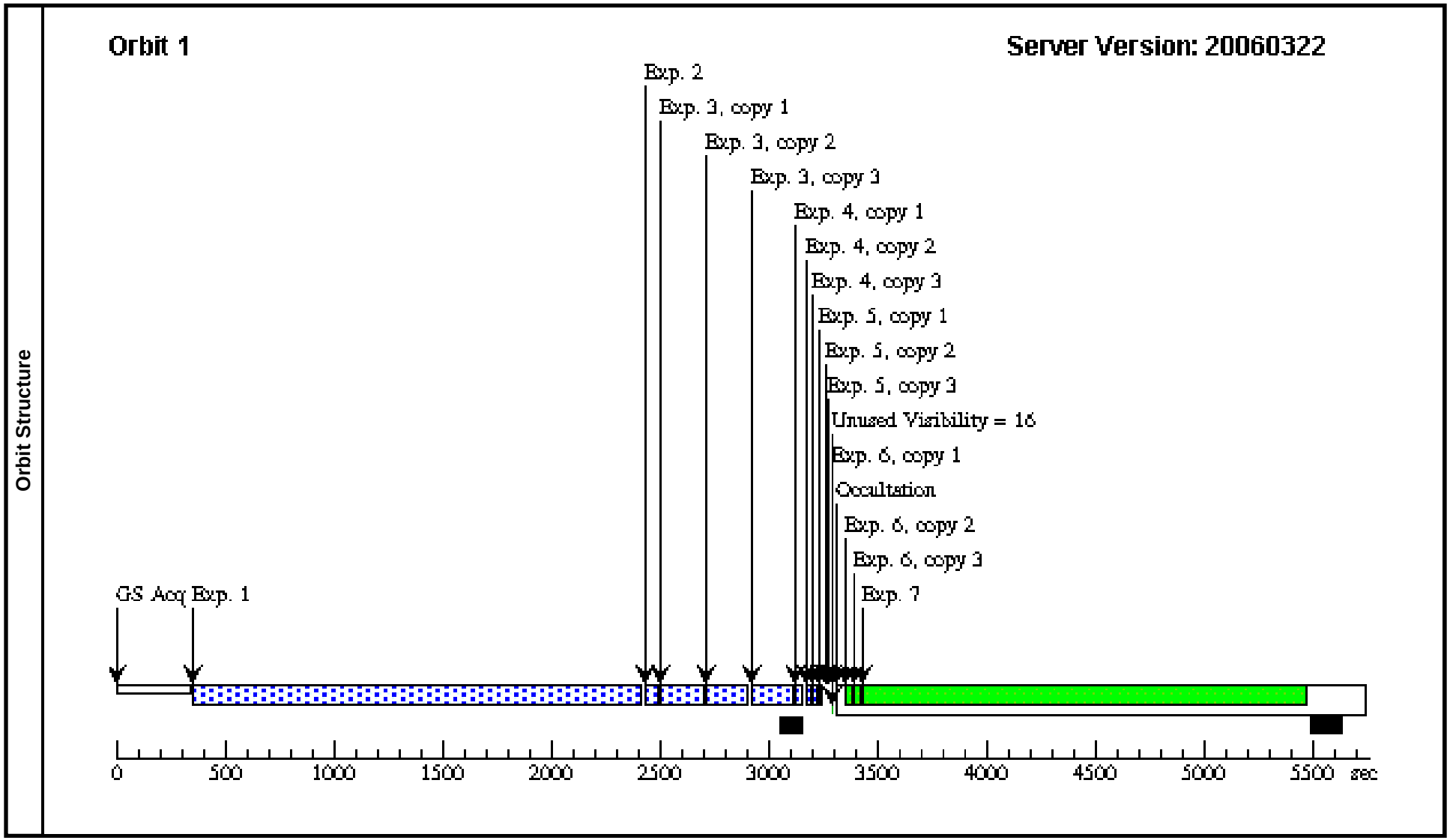
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	2MASSWJ1207334-393254 Alt Name1: 2M1207	RA: 12 07 34.4700 (181.8936250d) Dec: -39 32 54.00 (-39.54833d) Equinox: J2000 Plate Id: (?)		V=(?) Primary/Companion: F090M = + 15.20/+22.34, F110M = +13.20/+20.16, F160W = +12.62/+18.24	Coordinate Source: HST_IMAGE

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	E1_P1_G096_SPARS	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=18; SAMP-SEQ=SPARS128	POS TARG -0.67769,-0.67568; GSPAIR 0775900058F10775900492F2; GS ACQ SCENARIO BASE1TNS		*[==>]*	***[1]***
2	E1_P1_G096_STEP	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G096	NSAMP=9; SAMP-SEQ=STEP32	SAME POS AS 1		*[==>]*	***[1]***
3	E1_P1_G141	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	G141	SAMP-SEQ=STEP64; NSAMP=11	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
4	E1_P1_F110W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F110W	SAMP-SEQ=STEP2; NSAMP=15	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F110M magnitude of 2M1207 = 13.56. 6120 ADU/sec in central pixel (20s to saturate)									
5	E1_P1_F160W	(1) 2MASSWJ1207334-393254	NIC3, MULTIACCUM, NIC3	F160W	SAMP-SEQ=STEP2; NSAMP=6	SAME POS AS 1		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: F160W magnitude of 2M1207 = 12.62. 16500 e-/sec in central pixel (7s to saturate)									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
6	REMOVE_ PERSISTE NCE	DARK	NIC3, ACCUM, NIC3-FIX	BLANK	NREAD=25			14.278 Secs X 3 *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
	Comments: This is one of three persistance abatement exposures. The "ACCUM/NREAD=25 DARKS", as demonstrated by the IDT, will lower the levels of residual charge acculumation (more quickly than autoflush c locking) from the filtered imaging of the target star in the SPARS128 dDARK calibration frame which follows.								
7	DARK	DARK	NIC3, MULTIACCUM, NIC3-FIX	BLANK	SAMP-SEQ=SPARS 128; NSAMP=18			*[==>]*	***[1]***
	Comments: Dark frame to be executed during Orbit Occultation - per Denise Taylor and Sangeeta Malhort (email of 27 May 2005)								


Orbit 1
Server Version: 20060322
Orbit Structure
Exp. 2
Exp. 3, copy 1
Exp. 3, copy 2
Exp. 3, copy 3
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 5, copy 1
Exp. 5, copy 2
Exp. 5, copy 3
Unused Visibility = 16
Exp. 6, copy 1
Occultation
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 7
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 10538, Visit 91 Fri Jun 16 01:06:41 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: ORIENT 233.1D TO 273.1 D

Comments: First Epoch Calibration Visit.
PA of Companion = 28.6 deg E of N. Sep of companion = 0.943"
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	HD102982	RA: 11 51 9.1400 (177.7880833d) Dec: -51 52 32.50 (-51.87569d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: -0.0054s/yr Proper Motion Dec: -0.076"/yr Parallax: 0.0" Epoch of Position: 2000.0	V=(?) Primary/Companion: H = +6.9/+ 12.2 (Calibration Target)	Coordinate Source: HST_IMAGE

Comments: Primary Sp = G3V. Sec Sp = M5V. Companion Sep = 0.943", PA = 28.6 deg

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	CAL_E1_P1_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG -0.677687,0.675683; GS ACQ SCENARIO BASE1TNS		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
2	CAL_E1_P1_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG -0.677687,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
3	CAL_E1_P1_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG -0.677687,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
4	CAL_E1_P1_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG -0.677687,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									
5	CAL_E1_P2_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG 0,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
6	CAL_E1_P2_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG 0,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
7	CAL_E1_P2_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG 0,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
8	CAL_E1_P2_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG 0,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									
9	CAL_E1_P3_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG 0.677687,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
10	CAL_E1_P3_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG 0.677687,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
11	CAL_E1_P3_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG 0.677687,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
12	CAL_E1_P3_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG 0.677687,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									
13	CAL_E1_P4_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG -0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
14	CAL_E1_P4_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG -0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
15	CAL_E1_P4_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG -0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
16	CAL_E1_P4_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG -0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									
17	CAL_E1_P5_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG 0,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
18	CAL_E1_P5_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG 0,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
19	CAL_E1_P5_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG 0,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
20	CAL_E1_P5_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG 0,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									
21	CAL_E1_P6_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG 0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
22	CAL_E1_P6_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG 0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
23	CAL_E1_P6_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG 0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
24	CAL_E1_P6_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG 0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
25	CAL_E1_P7_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG -0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
26	CAL_E1_P7_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG -0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
27	CAL_E1_P7_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG -0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
28	CAL_E1_P7_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG -0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									
29	CAL_E1_P8_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG 0,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
30	CAL_E1_P8_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG 0,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
31	CAL_E1_P8_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG 0,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
32	CAL_E1_P8_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG 0,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									
33	CAL_E1_P9_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG 0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
34	CAL_E1_P9_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG 0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
35	CAL_E1_P9_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG 0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
36	CAL_E1_P9_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG 0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									

Visit

Proposal 10538, Visit 92 Fri Jun 16 01:06:45 GMT 2006

Diagnostic Status: No Diagnostics

Scientific Instruments: NIC3

Special Requirements: ORIENT 180.0D TO 180.0D FROM 91

Comments: Second Epoch Calibration Visit.
Epoch 1 visits should differ from Epoch 2 Visits by 180 Degrees in Orientation.
PA of Companion = 28.6 deg E of N. Sep of companion = 0.943"
Schedule in SAA non-impacted orbit is possible.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	HD102982	RA: 11 51 9.1400 (177.7880833d) Dec: -51 52 32.50 (-51.87569d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: -0.0054s/yr Proper Motion Dec: -0.076"/yr Parallax: 0.0" Epoch of Position: 2000.0	V=(?) Primary/Companion: H = +6.9/+ 12.2 (Calibration Target)	Coordinate Source: HST_IMAGE

Comments: Primary Sp = G3V. Sec Sp = M5V. Companion Sep = 0.943", PA = 28.6 deg

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	CAL_E2_P1_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG -0.677687,0.675683; GS ACQ SCENARIO BASE1TNS		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
2	CAL_E2_P1_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG -0.677687,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
3	CAL_E2_P1_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG -0.677687,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
4	CAL_E2_P1_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG -0.677687,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									
5	CAL_E2_P2_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG 0,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
6	CAL_E2_P2_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG 0,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
7	CAL_E2_P2_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG 0,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
8	CAL_E2_P2_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG 0,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									
9	CAL_E2_P3_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG 0.677687,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
10	CAL_E2_P3_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG 0.677687,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
11	CAL_E2_P3_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG 0.677687,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
12	CAL_E2_P3_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG 0.677687,0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									
13	CAL_E2_P4_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG -0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
14	CAL_E2_P4_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG -0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
15	CAL_E2_P4_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG -0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
16	CAL_E2_P4_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG -0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									
17	CAL_E2_P5_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG 0,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
18	CAL_E2_P5_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG 0,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
19	CAL_E2_P5_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG 0,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
20	CAL_E2_P5_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG 0,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									
21	CAL_E2_P6_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG 0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
22	CAL_E2_P6_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG 0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
23	CAL_E2_P6_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG 0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
24	CAL_E2_P6_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG 0.677687,0		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
25	CAL_E2_P7_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG -0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
26	CAL_E2_P7_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG -0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
27	CAL_E2_P7_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG -0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
28	CAL_E2_P7_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG -0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									
29	CAL_E2_P8_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG 0,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
30	CAL_E2_P8_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG 0,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
31	CAL_E2_P8_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG 0,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
32	CAL_E2_P8_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG 0,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									
33	CAL_E2_P9_G096	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP8; NSAMP=9	POS TARG 0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
34	CAL_E2_P9_G141	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP2; NSAMP=7	POS TARG 0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
35	CAL_E2_P9_F113N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F113N	SAMP-SEQ=STEP1; NSAMP=5	POS TARG 0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F113N for spectral registration image to prevent PSF saturation.									
36	CAL_E2_P9_F164N	(2) HD102982	NIC3, MULTIACCUM, NIC3-FIX	F164N	SAMP-SEQ=SCAMRR; NSAMP=6	POS TARG 0.677687,-0.675683		*[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]*	***[1]***
Comments: Need F164N for spectral registration image to prevent PSF saturation.									