11600 - Star formation, extinction and metallicity at 0.7<z<1.5: H-alpha fluxes and sizes from a grism survey of GOODS-N

Cycle: 17, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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Dr. Christopher Willmer (CoI)	University of Arizona	

VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(1) GNGRISM11	ACS/WFC WFC3/IR	2	23-Aug-2010 21:02:10.0	yes
02	(2) GNGRISM12	ACS/WFC WFC3/IR	2	23-Aug-2010 21:02:25.0	yes
03	(3) GNGRISM13	ACS/WFC WFC3/IR	2	23-Aug-2010 21:02:37.0	yes
04	(4) GNGRISM14	ACS/WFC WFC3/IR	2	23-Aug-2010 21:02:48.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
05	(5) GNGRISM21	ACS/WFC WFC3/IR	2	23-Aug-2010 21:02:59.0	yes
06	(6) GNGRISM22	ACS/WFC WFC3/IR	2	23-Aug-2010 21:03:09.0	yes
07	(7) GNGRISM23	ACS/WFC WFC3/IR	2	23-Aug-2010 21:03:18.0	yes
08	(8) GNGRISM24	ACS/WFC WFC3/IR	2	23-Aug-2010 21:03:29.0	yes
09	(9) GNGRISM31	ACS/WFC WFC3/IR	2	23-Aug-2010 21:03:39.0	yes
10	(10) GNGRISM32	ACS/WFC WFC3/IR	2	23-Aug-2010 21:03:48.0	yes
11	(11) GNGRISM33	ACS/WFC WFC3/IR	2	23-Aug-2010 21:03:59.0	yes
12	(12) GNGRISM34	ACS/WFC WFC3/IR	2	23-Aug-2010 21:04:08.0	yes
13	(13) GNGRISM41	ACS/WFC WFC3/IR	2	23-Aug-2010 21:04:19.0	yes
14	(14) GNGRISM42	ACS/WFC WFC3/IR	2	23-Aug-2010 21:04:28.0	yes
15	(15) GNGRISM43	ACS/WFC WFC3/IR	2	23-Aug-2010 21:04:38.0	yes
16	(16) GNGRISM44	ACS/WFC WFC3/IR	2	23-Aug-2010 21:04:48.0	yes
17	(17) GNGRISM15	ACS/WFC WFC3/IR	2	23-Aug-2010 21:04:57.0	yes
18	(18) GNGRISM16	ACS/WFC WFC3/IR	2	23-Aug-2010 21:05:10.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
19	(19) GNGRISM17	ACS/WFC WFC3/IR	2	23-Aug-2010 21:05:20.0	yes
20	(20) GNGRISM18	ACS/WFC WFC3/IR	2	23-Aug-2010 21:05:29.0	yes
21	(21) GNGRISM25	ACS/WFC WFC3/IR	2	23-Aug-2010 21:05:38.0	yes
22	(22) GNGRISM26	ACS/WFC WFC3/IR	2	23-Aug-2010 21:05:48.0	yes
23	(23) GNGRISM27	ACS/WFC WFC3/IR	2	23-Aug-2010 21:05:57.0	yes
24	(24) GNGRISM28	ACS/WFC WFC3/IR	2	23-Aug-2010 21:06:06.0	yes
25	(25) GNGRISM35	ACS/WFC WFC3/IR	2	23-Aug-2010 21:06:16.0	yes
26	(26) GNGRISM36	ACS/WFC WFC3/IR	2	23-Aug-2010 21:06:25.0	yes
27	(27) GNGRISM45	ACS/WFC WFC3/IR	2	23-Aug-2010 21:06:35.0	yes
28	(28) GNGRISM46	ACS/WFC WFC3/IR	2	23-Aug-2010 21:06:44.0	yes
41	(1) GNGRISM11	ACS/WFC WFC3/IR	1	23-Aug-2010 21:06:49.0	yes
42	(2) GNGRISM12	ACS/WFC WFC3/IR	1	23-Aug-2010 21:06:53.0	yes
43	(3) GNGRISM13	ACS/WFC WFC3/IR	2	23-Aug-2010 21:07:00.0	yes
44	(4) GNGRISM14	ACS/WFC WFC3/IR	2	23-Aug-2010 21:07:08.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
45	(5) GNGRISM21	ACS/WFC WFC3/IR	1	23-Aug-2010 21:07:15.0	yes
46	(6) GNGRISM22	ACS/WFC WFC3/IR	2	23-Aug-2010 21:07:21.0	yes
47	(7) GNGRISM23	ACS/WFC WFC3/IR	2	23-Aug-2010 21:07:29.0	yes
48	(8) GNGRISM24	ACS/WFC WFC3/IR	1	23-Aug-2010 21:07:34.0	yes
49	(9) GNGRISM31	ACS/WFC WFC3/IR	2	23-Aug-2010 21:07:41.0	yes

70 Total Orbits Used

ABSTRACT

The global star formation rate (SFR) is ~10x higher at z=1 than today. This could be due to drastically elevated SFR in some fraction of galaxies, such as mergers with central bursts, or a higher SFR across the board. Either means that the conditions in z=1 star forming galaxies could be quite different from local objects. The next step beyond measuring the global SFR is to determine the dependence of SFR, obscuration, metallicity, and size of the star-forming region on galaxy mass and redshift. However, SFR indicators at z=1 typically apply local calibrations for UV, [O II] and far-IR, and do not agree with each other on a galaxy-by-galaxy basis. Extinction, metallicity, and dust properties cause uncontrolled offsets in SFR calibrations. The great missing link is Balmer H-alpha, the most sensitive probe of SFR. We propose a slitless WFC3/G141 IR grism survey of GOODS-N, at 2 orbits/pointing. It will detect Ha+[N II] emission from 0.7<z<1.5, to L(Ha) = 1.7 x 10^41 erg/sec at z=1, measuring H-alpha fluxes and sizes for > 600 galaxies, and a small number of higher-redshift emitters. This will produce: an emission-line redshift survey unbiased by magnitude and color selection; star formation rates as a function of galaxy properties, e.g. stellar mass and morphology/mergers measured by ACS; comparisons of SFRs from H-alpha to UV and far-IR indicators; calibrations of line ratios of H-alpha to important nebular lines such as [O II] and H-beta, measuring variations in metallicity and extinction and their effect on SFR estimates; and the first measurement of scale lengths of the H-alpha emitting, star-forming region in a large sample of z~1 sources.

OBSERVING DESCRIPTION

Observation Description

Resubmission for HST Program 11600

Benjamin Weiner

This resubmission of Phase 2 files is for observations in PID 11600 that are being redone because the original observations were contaminated by scattered light from the bright Earth limb. The original observation description file is appended after the new description.

The observations are WFC3-IR G141 grism exposures of the GOODS-N field, with short F140W direct imaging exposures that provide a reference image for spectral extraction and wavelength calibration. Some of the previous observations were severely affected by scattered light from the bright Earth limb. Through examining that data we found that the background count rate in G141 data is much higher when the angle to the bright limb is less than 30-35 degrees. The F140W data are much less affected at the same angles.

The new observations 9 visits labeled visits 41 through 49, where 41 redoes the observations of visit 01 and so on. Four of the new visits (41, 42, 45, 48) are 1 orbit (2 grism exposures), when only 2 of the original exposures were severely affected. There are a total of 14 new orbits.

The Telescope Time Review Board recommended that we use the LOW SKY special requirement for the re-observations, which

constrains angle to the bright limb to be >40 deg. This
imposes extra constraints on visibility time and schedulability
and so we have had to redesign the exposure sequence and timing.
As before, we also have a 30 deg range of allowed ORIENT
to tile the field.

To fit the grism exposures within the low-sky portion of the
orbit, we now have a sequence of grism-(dither)-grism-direct,
so there is only one direct exposure per orbit.
(Previously it was direct-grism-(dither)-grism-direct.)
This is acceptable, since we already have some direct images
per pointing that can be drizzled together with the new ones.
The direct image at the end of the orbit extends beyond
the low sky limit; this is acceptable because the direct
image is less affected by scattered light.
The dithers are done with POS TARG offsets as before.

In the current design, we reduced the exposure times a little
(grism: 1300 and 1200 seconds, vs 2x1300 in the old data;
direct: 1x200 seconds, vs 2x200 in the old data). We now
have ~240 seconds of unused visibility at the end of the orbit.
This is because packing the orbit full resulted in visits
that were not schedulable according to the visit planner.
Leaving the extra 240 sec of margin, the visit planner
says that the observations are schedulable in a 2 week period
at the end of April 2011.

If it turns out that there is not a large enough schedulable
range, the exposure times could be reduced further. However,

I would like to avoid this, both because it reduces the
efficiency and signal/noise, and because shorter exposures
cause more problems with the timing of buffer dumping.

The LOW SKY requirement is perhaps more stringent than
necessary. In March-April 2010, some of the pointings in
this field were observed with the original sequence and
over the dark earth limb, so avoided problems with scattered
light. Additionally LOW SKY imposes a constraint on
zodiacal background that is not really critical for these
observations. However, the most important criterion is to
avoid the bright earth limb, and LOW SKY should enforce that.

The ACS parallel exposure times have been adjusted to match
the WFC3 sequence and produce a buffer dump sequence that
doesn't cause problems.

Previous Observation Description:

Observation Description
HST Program 11600

Benjamin Weiner

This program is a redshift survey of the GOODS-North deep extragalactic
survey field, using slitless spectroscopy with the WFC3-IR G141 grism.
The chief aims of the survey are: to obtain redshifts by detecting

the Balmer H-alpha line at 0.7<z<1.5; to measure H-alpha luminosities and estimate star formation rates; to compare H-alpha star formation rates to other indicators such as UV and Spitzer far-IR fluxes; to measure extinctions and metallicities, in combination with ground-based spectra of other emission lines; and to measure the sizes of the H-alpha emitting regions in the galaxies.

We expect to measure H-alpha for somewhere from 600 to 1000 galaxies in this redshift range. There will be of order 2-4x as many objects with spectra in the fields, including stars, galaxies at z<0.7, and some galaxies at z>1.5. Thus we may be getting 50-100 spectra per WFC3 field. A small fraction of these will be lost to spectrum overlaps.

The visits are subject to position angle/ORIENT constraints in order to tile the field effectively. However, the program was designed to tolerate variations in PA/ORIENT of +/-15 degrees from the ideal, to increase schedulability. Individual tiles may have their ORIENT changed within +/-15 deg, for example to reach guide stars. Since the tiles overlap, the area if a tile is rotated is small. Additionally, since this is a spectroscopic survey rather than a classic imaging survey, opening small gaps in the tiled area is less of a problem.

Should it be necessary, the entire tile pattern could be shifted slightly, but there is only about 15 arcsec before it moves off the GOODS footprint.

For plots of the tile layout, see

http://mingus.as.arizona.edu/~bjw/goods_grism/wfc3_par.tiledesign.stars.png
http://mingus.as.arizona.edu/~bjw/goods_grism/wfc3_par.tiledesign.allpa45.stars.png

The difference between these two plots has to do with the PA
and location of parallel fields, see below. The tiles are
numbered by column and row, corresponding to the target numbers.

If there are tiles that are really difficult to find guide stars
for, it would be possible to rotate them by 90 degrees to
observe at PA~135 or 315. However, we would like to avoid this
if possible, especially given the rectangular field of view
of WFC3-IR.

Visits and Exposures:

We have designed the observations to tile most of the 10'x15' GOODS-N
field, using 28 pointings of WFC3-IR. Each pointing will be observed
for 2 orbits. We have set each pointing up as an individual target,
and divided the program into 28 2-orbit visits, one per target.
Each target is a location on the sky (ICRS frame) for the tile
center, rather than an actual object.

In each visit, we use 4 dither positions. At each position, we
take a short direct F140W exposure and a long grism G141 exposure,
using the apertures G141-REF and IR respectively. The direct
exposures are necessary as a reference for the object locations
in order to extract and wavelength-calibrate the slitless
spectra. Taking a direct exposure at each dither costs little

time, should make the data easier to reduce, and allows making a combined direct HST image of the whole field (excellent resolution albeit not very deep).

The direct exposures are ~200 sec (SPARS25 x NSAMP=9) and the grism exposures are ~1300 sec (SPARS100 x NSAMP=14), except the last one which is 1400 sec (SPARS100 x NSAMP=15). The last one is a little longer because there is less overhead in orbit 2 for guide star re-acquisition. The order of exposures within an orbit is: direct, grism, grism, direct. This saves a wheel move over direct, grism, direct, grism, and seems to be a better order for timing buffer dumps.

Tiling Pattern:

The tiles/targets are laid out in a grid at 45 degrees to the RA/Dec axes, to match the GOODS-N orientation. The grid overlaps the WFC3 pointings by 5% in X and 8% in Y. The Y overlap is just enough to cover the IR detector's dead spot. The overlaps also allow for the position angles to vary somewhat without losing much area. See the discussion of position angles below.

We have adjusted the tiling pattern so that it is no longer a 4x7 rectangle of tiles, but a sort of Utah shape - two columns of 8 and two columns of 6 tiles, making a rectangle with a corner taken out. This is to avoid a bright star with H=10.27 at RA,Dec = 189.408221, 62.275234. This star could saturate by ~100x and lead to persistence effects. The star is

indicated by a magenta asterisk in the plot at
http://mingus.as.arizona.edu/~bjw/goods_grism/wfc3_par.tiledesign.stars.png

Dithering:

We use POS-TARG offsets to make the dithers. Each direct/grism pair has the same set of POS-TARG offsets. The dither pattern is one that we came up with, using these offsets in x,y:

WFC3 pix		ACS pix		arcsec (POS-TARG)	
0.0	0.0	0.0	0.0	0.0	0.0
4.5	1.5	6.41	11.46	0.6075	0.1815
2.0	5.5	-5.13	10.0	0.2700	0.6655
-2.5	4.0	-11.54	-1.46	-0.3375	0.4840

The point of this dither pattern is to produce half-pixel steps in _both_ the WFC3-IR and parallel ACS data. The half-pixel steps are necessary for WFC3-IR since it is somewhat undersampled, and also highly desirable for ACS data.

I have assumed that the POS-TARG x and y axes are parallel to the WFC3-IR x and y axes, as shown in the Phase 2 instructions. This dither pattern is just a tiny bit larger than the standard WFC3-IR-DITHER-BOX-MIN pattern.

Position Angles:

The tiles are laid out with the WFC3-IR field at a position angle of 45 deg east of north, which fills the GOODS-N field

efficiently. The tiling remains relatively good and few gaps
are opened if the PAs of individual tiles remain within +/-15 deg
of the overall pattern.

For a PA of 45 (ORIENT of 180), the ACS parallel field falls
about 6 arcmin northeast of the WFC3-IR field. The integration
time in the ACS parallel field is about 5100 sec per 2-orbit
visit, and many of the parallels will overlap, yielding a
significant area with exposures of 10,000 sec or more.

After discussion with Mark Dickinson and members of the GOODS team,
we believe that there is a significant science return from
using the parallels to add more depth to the GOODS field, rather
than trying to add area outside of it. (There are already other
surveys that cover quite large areas at 1-orbit depth: GEMS,
EGS, COSMOS.) The 10,000 sec exposures can more than double
the i-band exposure in GOODS, currently ~8500 sec. This will be
quite valuable for e.g. searches for high-redshift i-band dropout
galaxies in the JWST era. The new data can also be used to search
for variability and transient objects.

To get the parallels onto the GOODS-N field, we have constrained
the 20 WFC3 fields in the southwest to be observed at PA 45 +/- 15
(ORIENT 180 +/- 15), and the 8 WFC3 fields in the northeast to
be observed at either PA 45 +/- 15, or at PA 225 +/- 15 (ORIENT 0 +/- 15).
The figures at
http://mingus.as.arizona.edu/~bjw/goods_grism/wfc3_par.tiledesign.stars.png
http://mingus.as.arizona.edu/~bjw/goods_grism/wfc3_par.tiledesign.allpa45.stars.png
illustrate the resulting pattern. The +/-15 degree range should

allow a reasonable range of schedulability. If this turns out to be a problem, or if guide stars are difficult to find, individual tiles can be reversed or the tiling arrangement may be revised.

For the 8 WFC3-IR fields in the northeast, there is a tradeoff between the two possible position angles:
1. observing at PA 45 moves the ACS parallel fields to the northeast, falling off the GOODS footprint, and allows scheduling in the March-April window.
2. observing at PA 225 places the ACS parallel fields back on the GOODS field, but requires observing during a short window in September. During this window the zodiacal background is about 35% higher than in March-April, which will lower the signal/noise of the WFC3-IR observations by about 11%.

Parallels:

We have requested parallel exposures with ACS using the F775W i-band filter. For each dither position, with a WFC3 direct+grism exposure pair, we configured an ACS CR-SPLIT=2 exposure. The resulting exposures are of order 600-700 seconds long - we maximized the exposure time with Auto-Adjust.
We are doing 4 dithers at each target, so the CR-SPLIT is not relied on for cosmic ray removal; pairing the exposures keeps them to a reasonable length. The fairly long WFC3 grism and ACS F775W exposures allow efficient buffer dumping during an orbit so that no time is lost to overheads.

The total exposure time in ACS F775W is about 5100 sec per 2-orbit visit. Because ACS has a 2.4x larger area than WFC3-IR, the ACS parallel pointings overlap, so that a significant area gets 10,000 sec or more exposure. This can more than double the existing exposure in F775W from the GOODS program, about 8500 sec in much of the field.

The ORIENT constraints of the tiled exposures mean that most of the ACS parallels will fall on the GOODS-N field, as discussed above.

Time of Observations:

The desired position angles are visible in two periods in 2009, roughly around March-April 2009 for PA~45 and September 2009 for PA~225. We have not put in an explicit constraint on when they are done.

The March-April period is preferable because the sky background due to zodiacal light is significantly lower. On April 1 2009 the sun angle to the field is 137.5 degrees while on October 1 2009 the sun angle is 43.0 degrees. Estimates from the WFC3 ETC show that the zodiacal background in October is 38% higher and the signal-to-noise is 11% lower, effectively a 22% decrease in exposure time.

For this reason it is preferred to do the observations in the March-April window. There is a tradeoff for the observations

at the northeast end, as discussed above: allowing observations
near PA~225 brings the ACS parallels onto the GOODS field.
So we have configured these observations to allow either
PA~45 or PA~225.

Changes from the Phase 1 proposal:

There are no changes to the exposure or observing strategies.
We have changed the layout of the tiles, to introduce overlaps
between tiles and avoid the very bright star. This means that
the target positions and names have changed.

We have allowed the position angles to vary +-15 degrees from
the optimal (sky PA=45 or 225 deg, ORIENT=180 or 0), as discussed
in the Phase 1 proposal. We have introduced the additional
constraint of requiring the tiles in the southwest end of the
pattern to be observed in the range around ORIENT=180, while
others can be observed around ORIENT=0 or 180. This ensures
that most of the ACS parallels will land on the original GOODS field,
which will provide significant scientific return by more than
doubling the existing ACS F775W i-band exposure time on much
of the field.

Visit

Proposal 11600, Visit 01, failed Tue Aug 24 01:07:50 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Diagnostics

(Visit 01) Warning (Orbit Planner): VISIBILITY OVERRUN

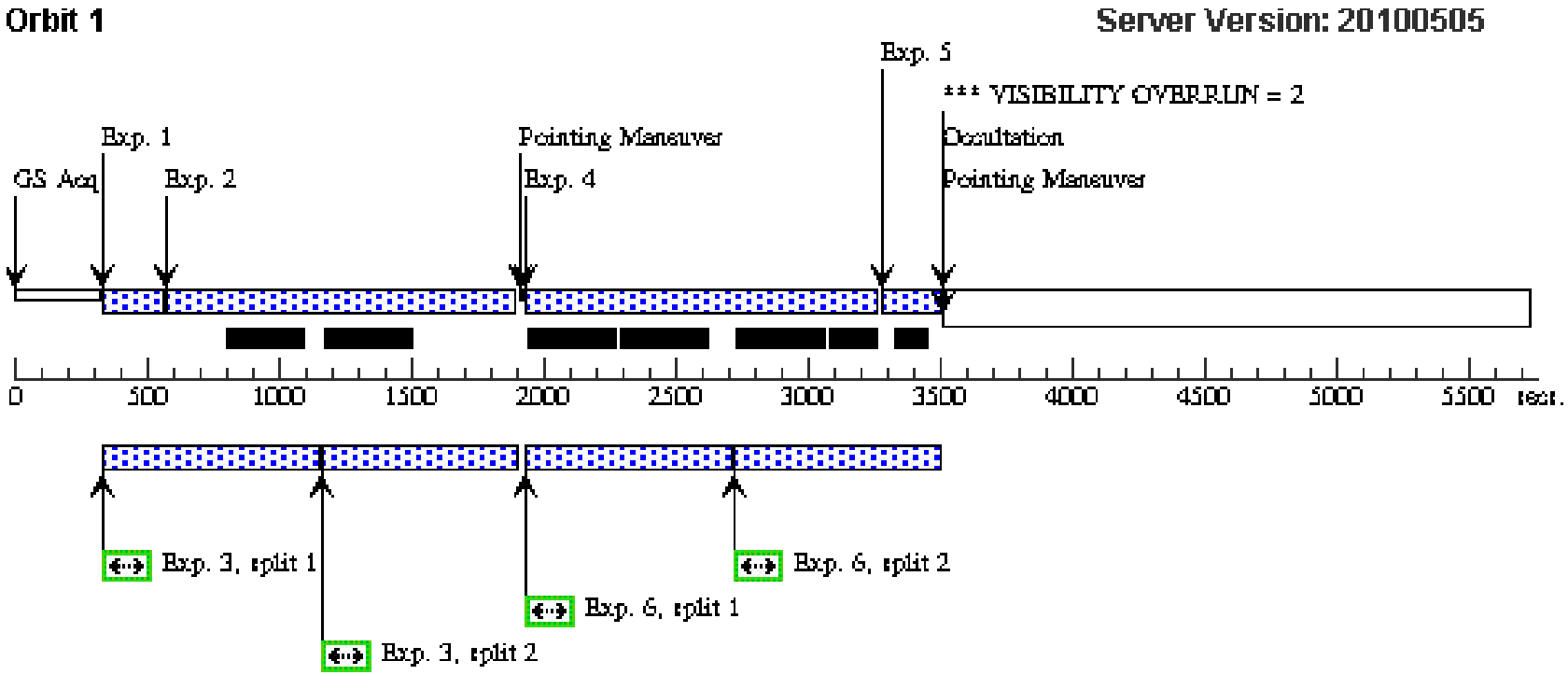
Fixed Targets

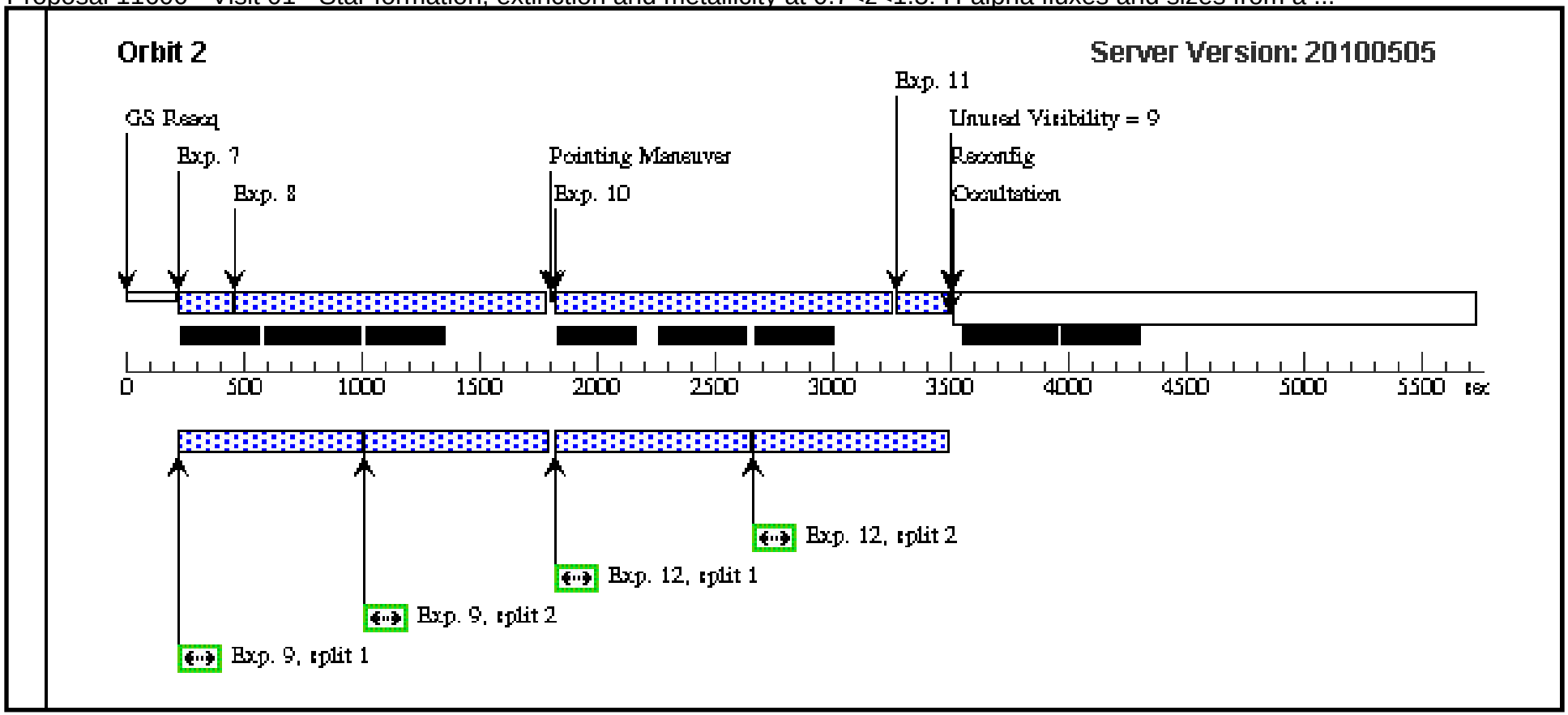
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GNGRISM11	RA: 12 35 54.9800 (188.9790833d) Dec: +62 11 51.30 (62.19758d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) GNGRISM11	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(1) GNGRISM11	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(1) GNGRISM11	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(1) GNGRISM11	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(1) GNGRISM11	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(1) GNGRISM11	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(1) GNGRISM11	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(1) GNGRISM11	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(1) GNGRISM11	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(1) GNGRISM11	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(1) GNGRISM11	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(1) GNGRISM11	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Unused Visibility = 9
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 02, completed Tue Aug 24 01:07:54 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Diagnostics

(Visit 02) Warning (Orbit Planner): VISIBILITY OVERRUN

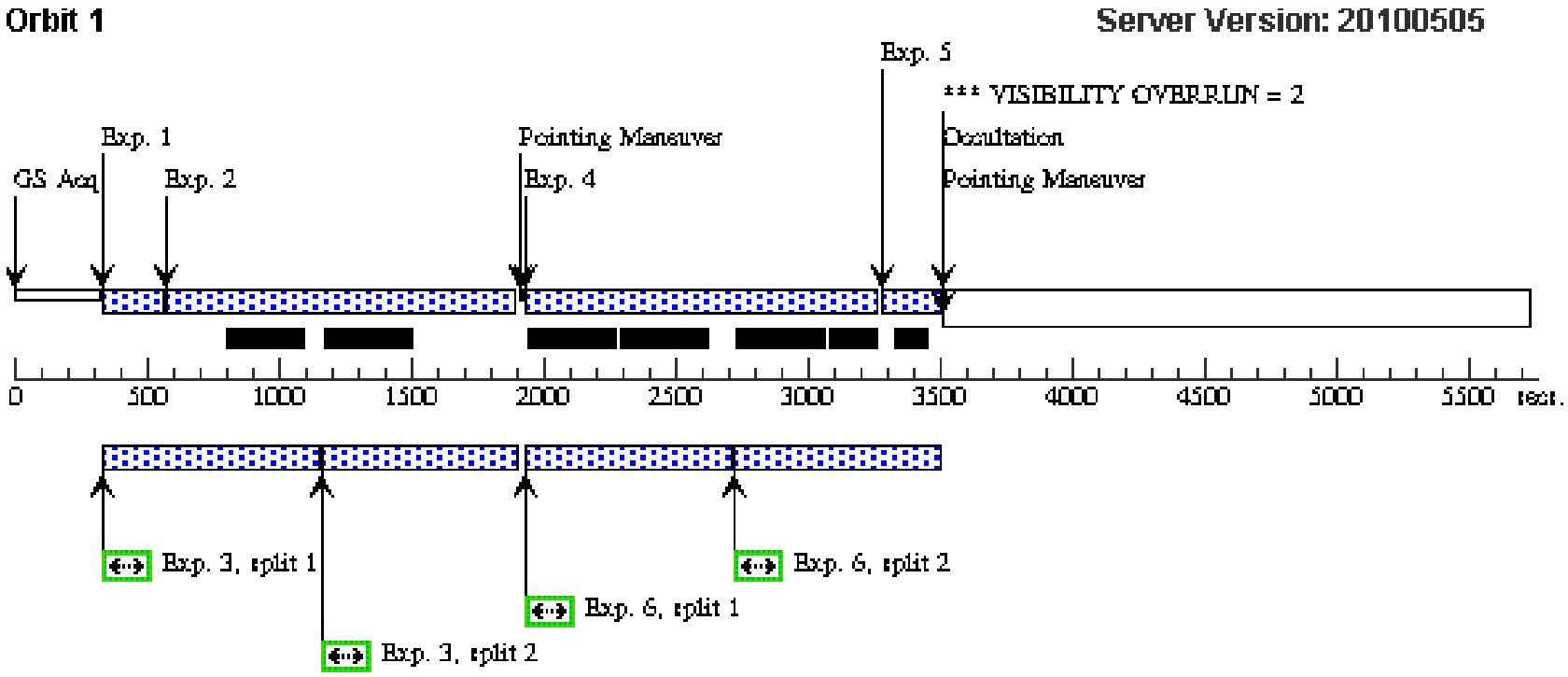
Fixed Targets

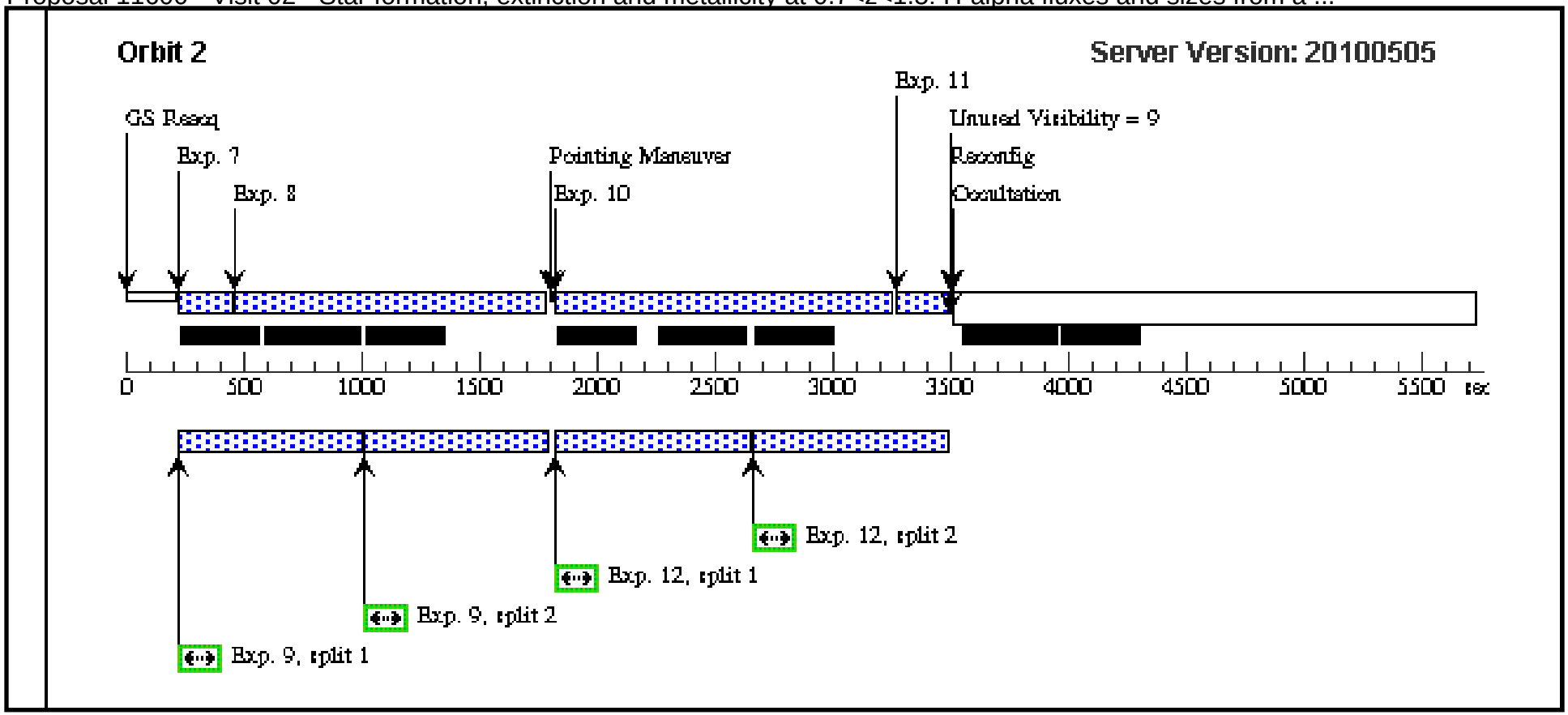
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	GNGRISM12	RA: 12 36 6.4300 (189.0267917d) Dec: +62 13 11.30 (62.21981d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(2) GNGRISM12	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(2) GNGRISM12	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(2) GNGRISM12	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(2) GNGRISM12	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(2) GNGRISM12	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(2) GNGRISM12	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(2) GNGRISM12	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(2) GNGRISM12	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(2) GNGRISM12	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(2) GNGRISM12	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(2) GNGRISM12	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(2) GNGRISM12	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Unused Visibility = 9
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 03, failed Tue Aug 24 01:07:55 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Diagnostics

(Visit 03) Warning (Orbit Planner): VISIBILITY OVERRUN

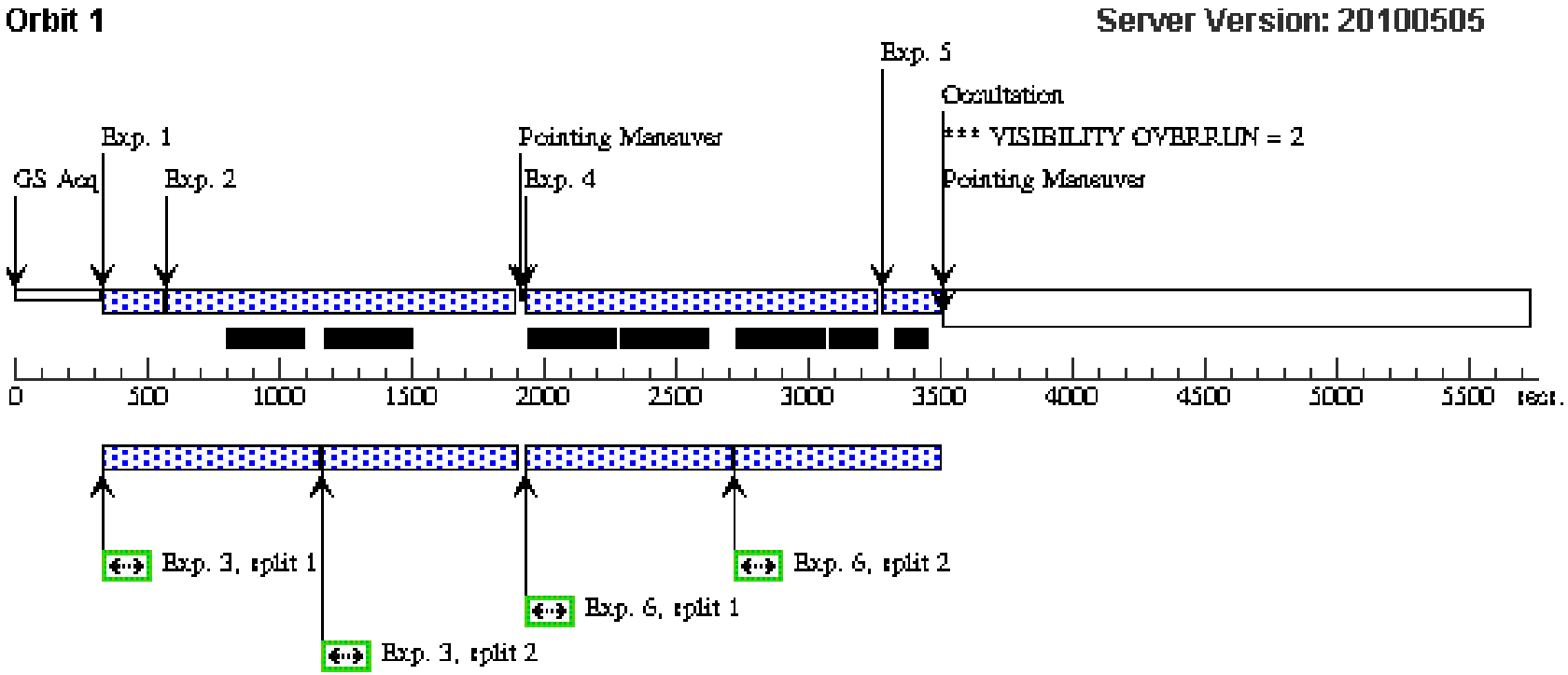
Fixed Targets

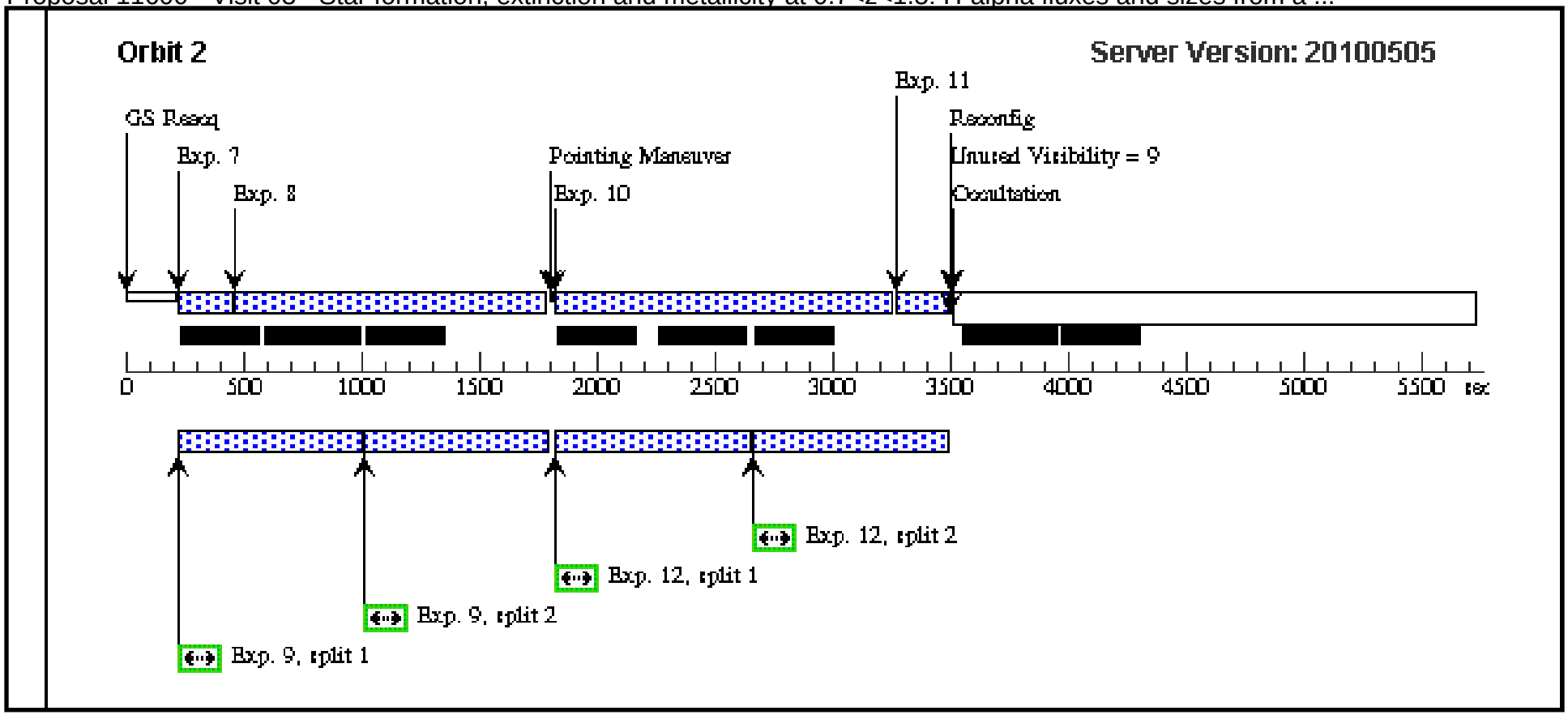
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	GNGRISM13	RA: 12 36 17.8900 (189.0745417d) Dec: +62 14 31.40 (62.24206d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(3) GNGRISM13	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(3) GNGRISM13	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(3) GNGRISM13	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(3) GNGRISM13	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(3) GNGRISM13	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(3) GNGRISM13	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(3) GNGRISM13	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(3) GNGRISM13	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(3) GNGRISM13	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(3) GNGRISM13	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(3) GNGRISM13	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(3) GNGRISM13	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Reconfig
Unused Visibility = 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 04, failed Tue Aug 24 01:07:56 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 160.0D TO 190.0 D

Diagnostics

(Visit 04) Warning (Orbit Planner): VISIBILITY OVERRUN

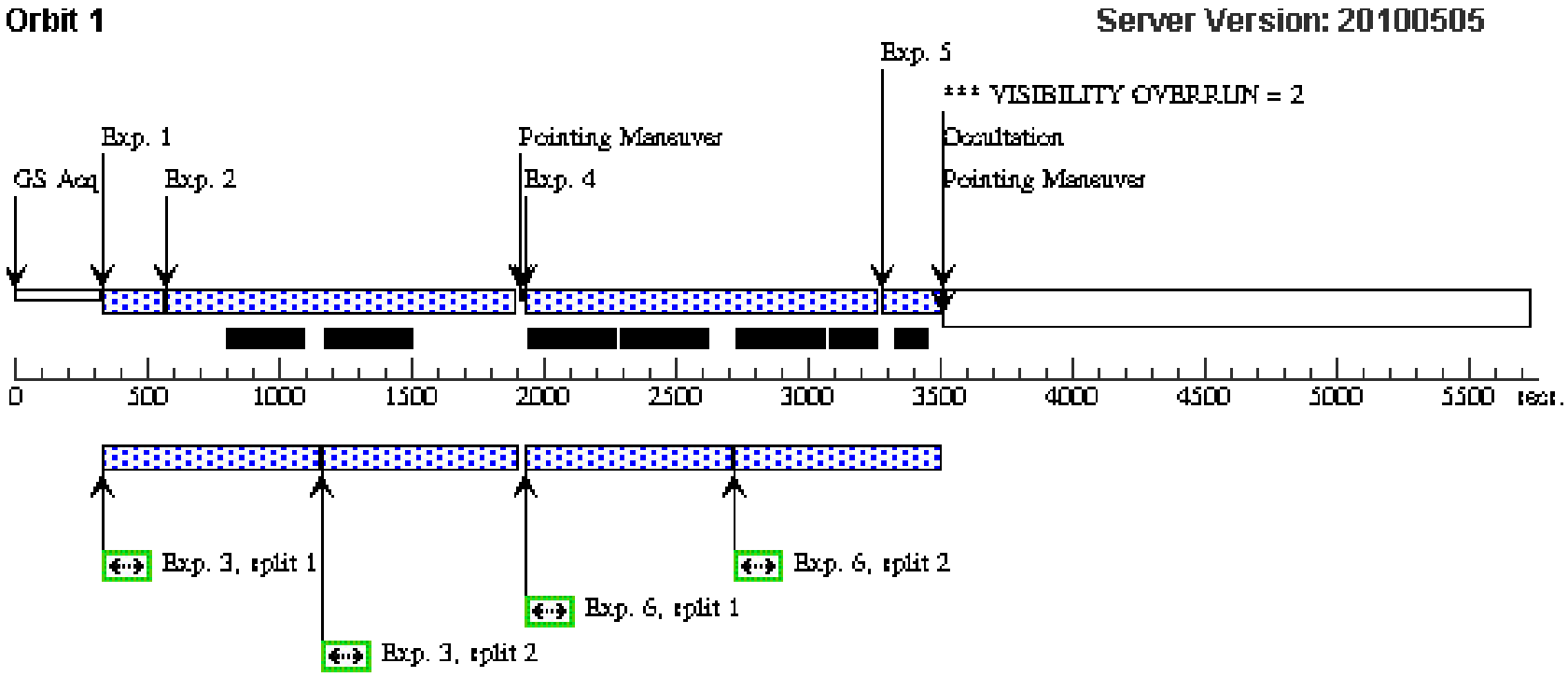
Fixed Targets

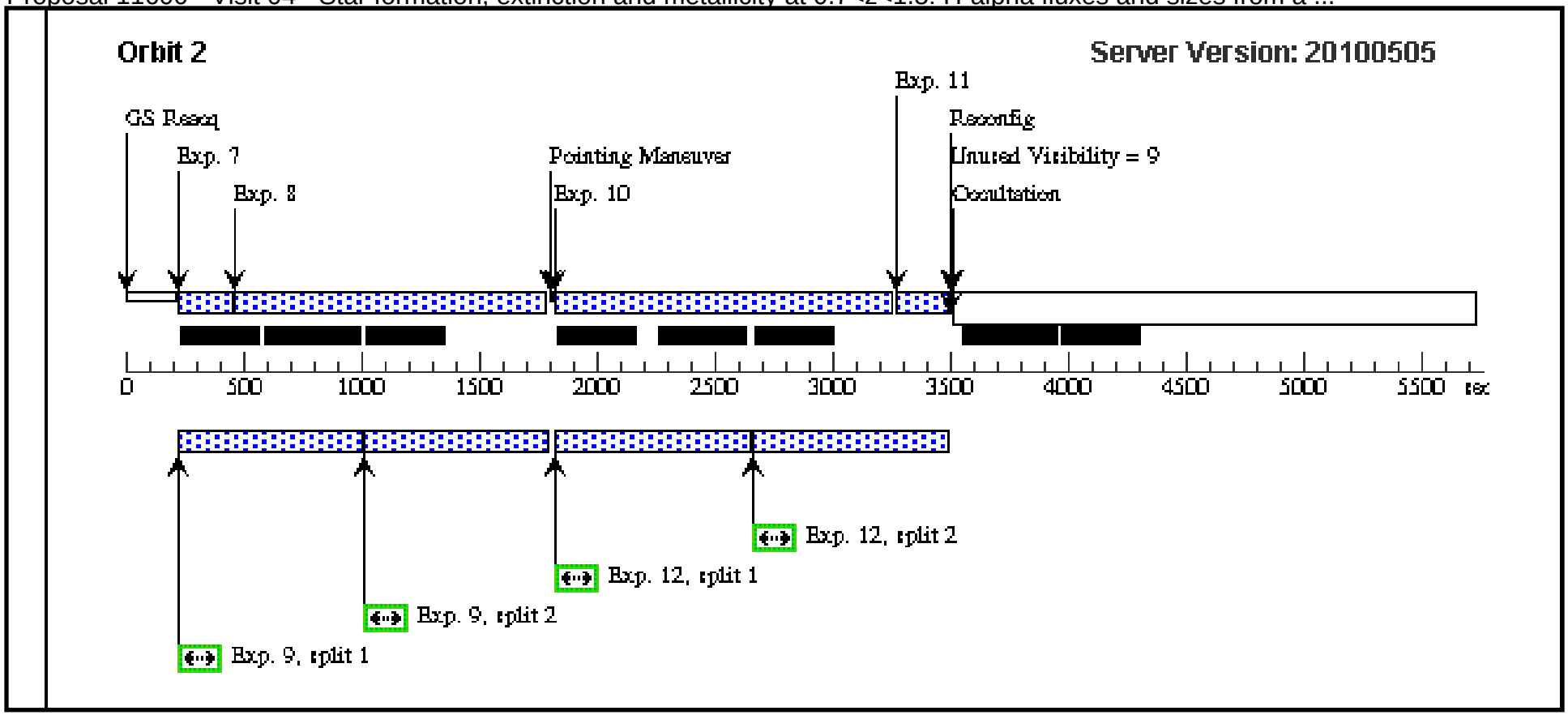
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	GNGRISM14	RA: 12 36 29.3300 (189.1222083d) Dec: +62 15 51.40 (62.26428d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(4) GNGRISM14	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(4) GNGRISM14	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(4) GNGRISM14	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(4) GNGRISM14	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(4) GNGRISM14	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(4) GNGRISM14	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(4) GNGRISM14	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(4) GNGRISM14	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(4) GNGRISM14	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(4) GNGRISM14	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(4) GNGRISM14	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(4) GNGRISM14	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Reconfig
Unused Visibility = 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 05, completed Tue Aug 24 01:07:56 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Diagnostics

(Visit 05) Warning (Orbit Planner): VISIBILITY OVERRUN

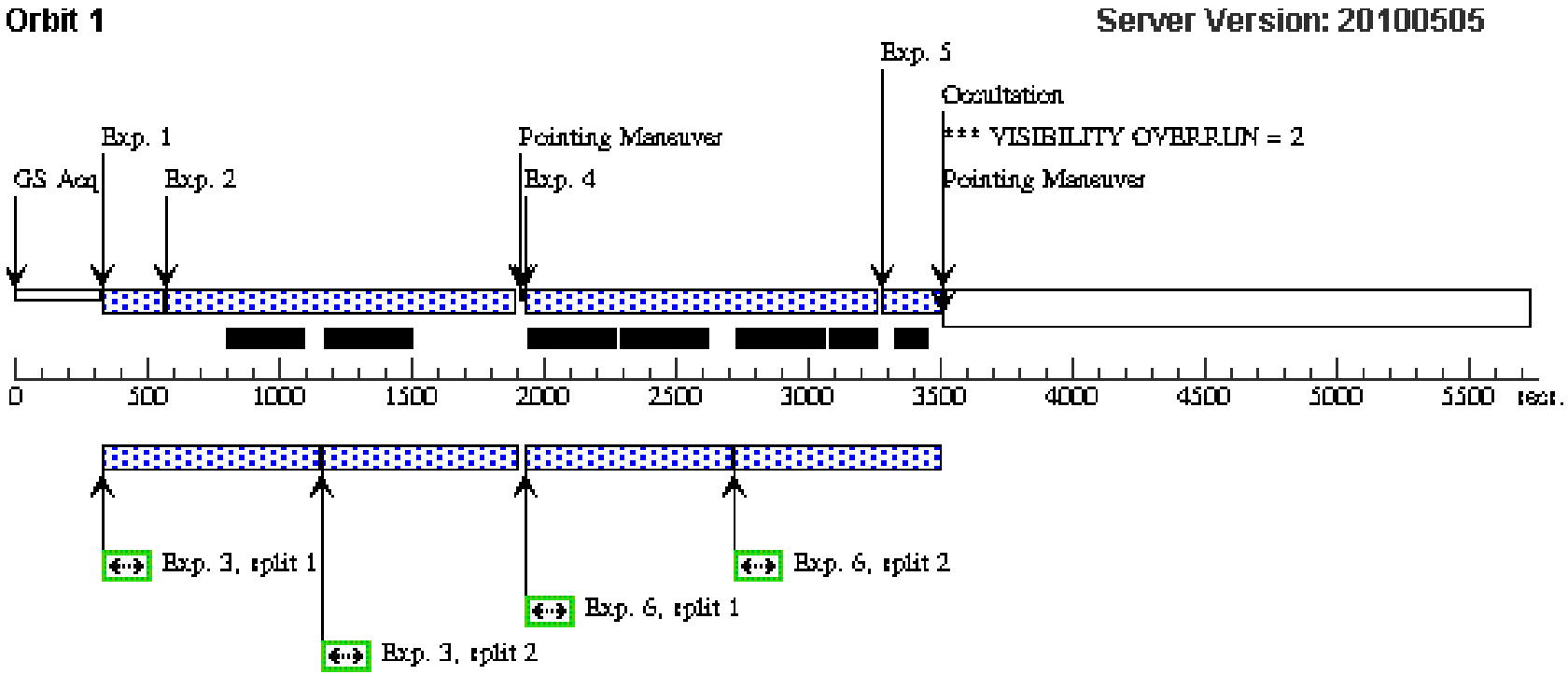
Fixed Targets

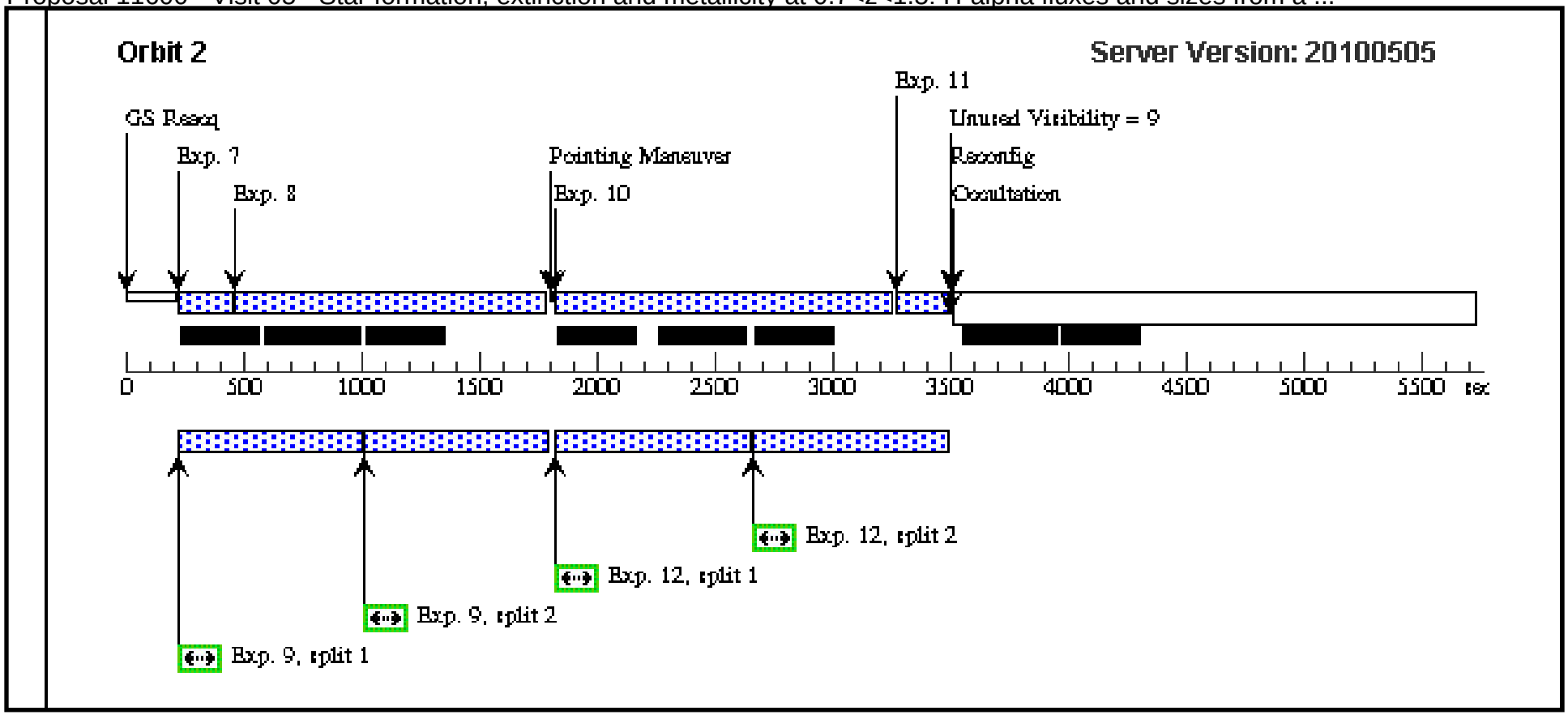
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	GNGRISM21	RA: 12 36 8.0500 (189.0335417d) Dec: +62 10 20.00 (62.17222d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(5) GNGRISM21	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(5) GNGRISM21	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(5) GNGRISM21	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(5) GNGRISM21	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(5) GNGRISM21	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(5) GNGRISM21	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(5) GNGRISM21	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(5) GNGRISM21	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(5) GNGRISM21	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(5) GNGRISM21	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(5) GNGRISM21	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(5) GNGRISM21	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 11
GS Reacq
Unused Visibility = 9
Exp. 7
Pointing Maneuver
Reconfig
Exp. 8
Exp. 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 06, failed Tue Aug 24 01:07:57 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Diagnostics

(Visit 06) Warning (Orbit Planner): VISIBILITY OVERRUN

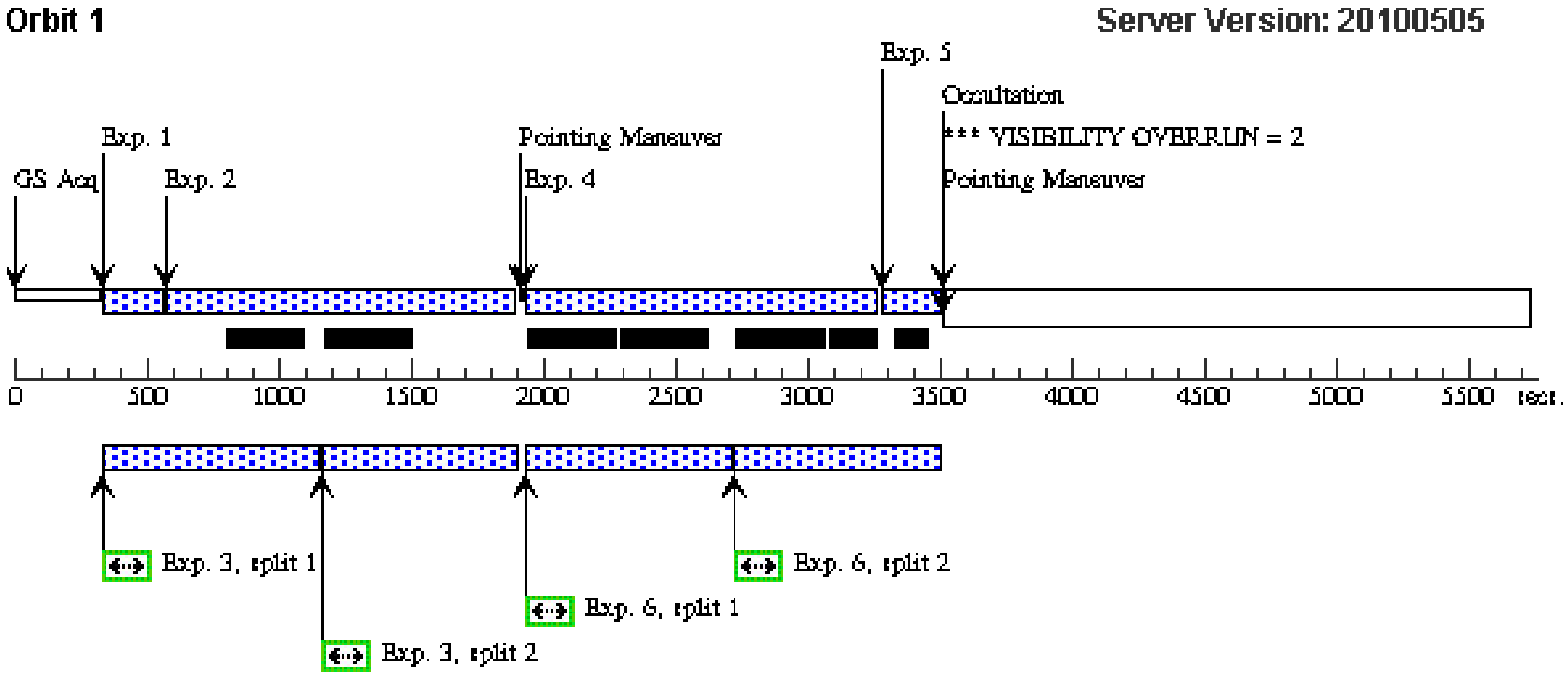
Fixed Targets

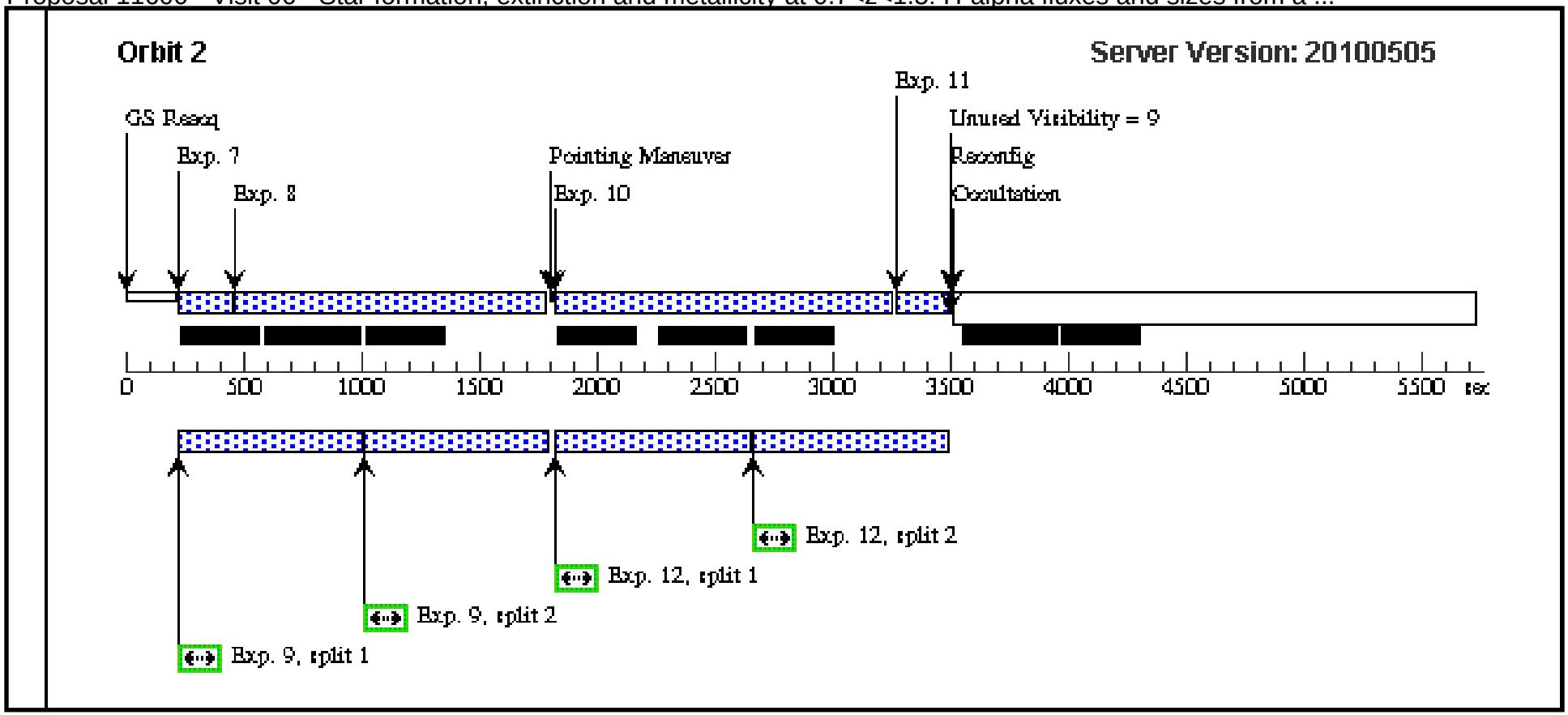
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	GNGRISM22	RA: 12 36 19.5000 (189.0812500d) Dec: +62 11 40.00 (62.19444d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(6) GNGRISM22	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(6) GNGRISM22	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(6) GNGRISM22	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(6) GNGRISM22	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(6) GNGRISM22	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(6) GNGRISM22	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(6) GNGRISM22	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(6) GNGRISM22	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(6) GNGRISM22	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(6) GNGRISM22	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(6) GNGRISM22	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(6) GNGRISM22	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 11
GS Reacq
Unused Visibility = 9
Exp. 7
Pointing Maneuver
Reconfig
Exp. 8
Exp. 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 07, failed Tue Aug 24 01:07:58 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 155.0D TO 185.0 D

Diagnostics

(Visit 07) Warning (Orbit Planner): VISIBILITY OVERRUN

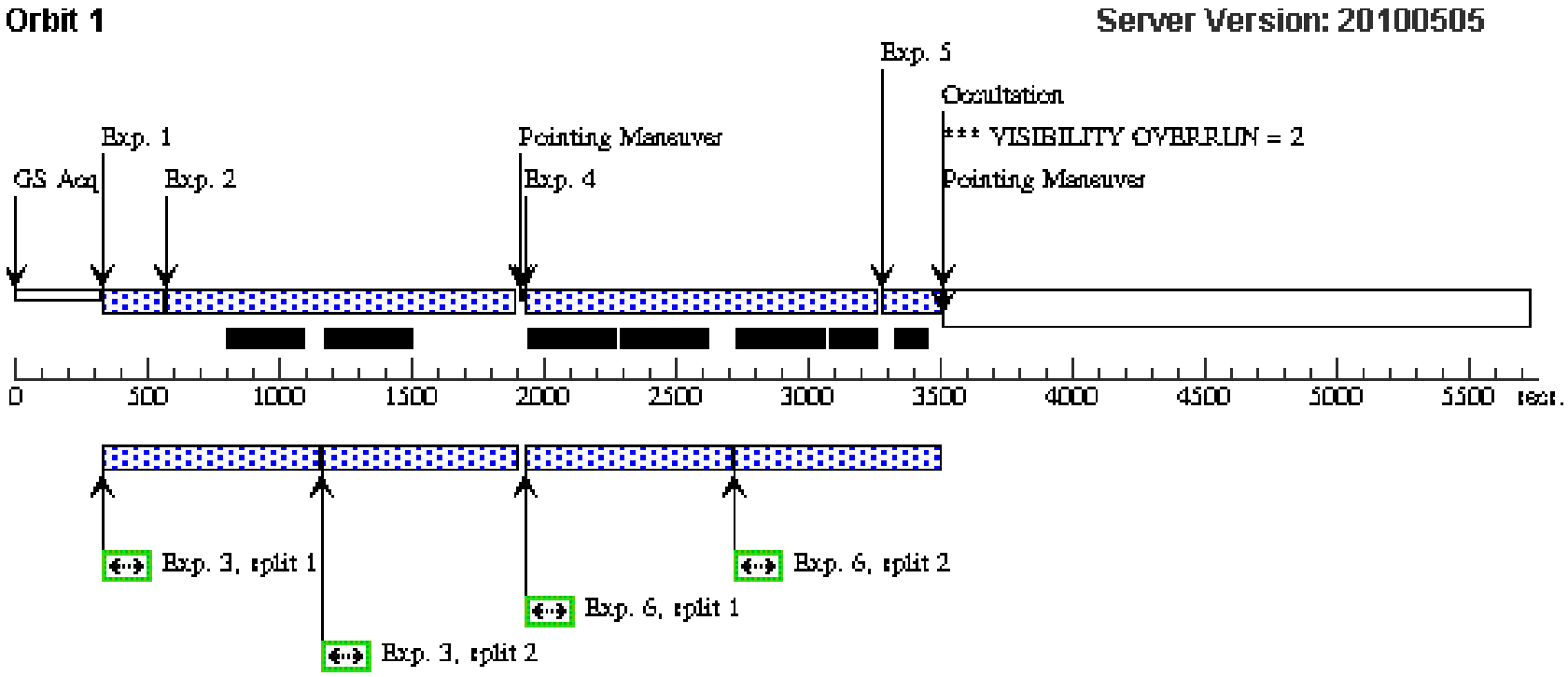
Fixed Targets

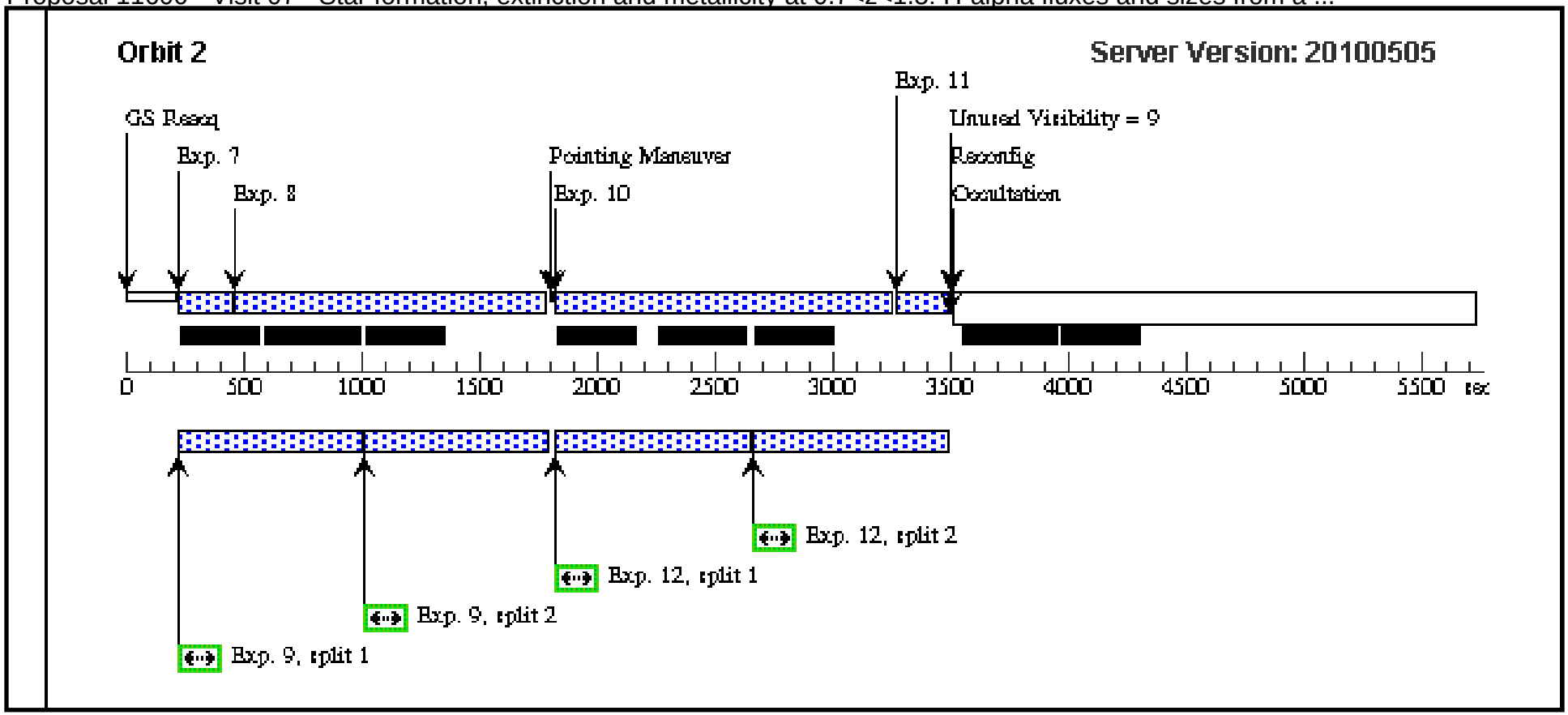
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	GNGRISM23	RA: 12 36 30.9500 (189.1289583d) Dec: +62 13 0.00 (62.21667d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(7) GNGRISM23	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(7) GNGRISM23	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(7) GNGRISM23	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(7) GNGRISM23	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(7) GNGRISM23	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(7) GNGRISM23	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(7) GNGRISM23	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(7) GNGRISM23	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(7) GNGRISM23	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(7) GNGRISM23	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(7) GNGRISM23	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(7) GNGRISM23	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 11
GS Reacq
Unused Visibility = 9
Exp. 7
Pointing Maneuver
Reconfig
Exp. 8
Exp. 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 08, completed Tue Aug 24 01:07:59 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Diagnostics

(Visit 08) Warning (Orbit Planner): VISIBILITY OVERRUN

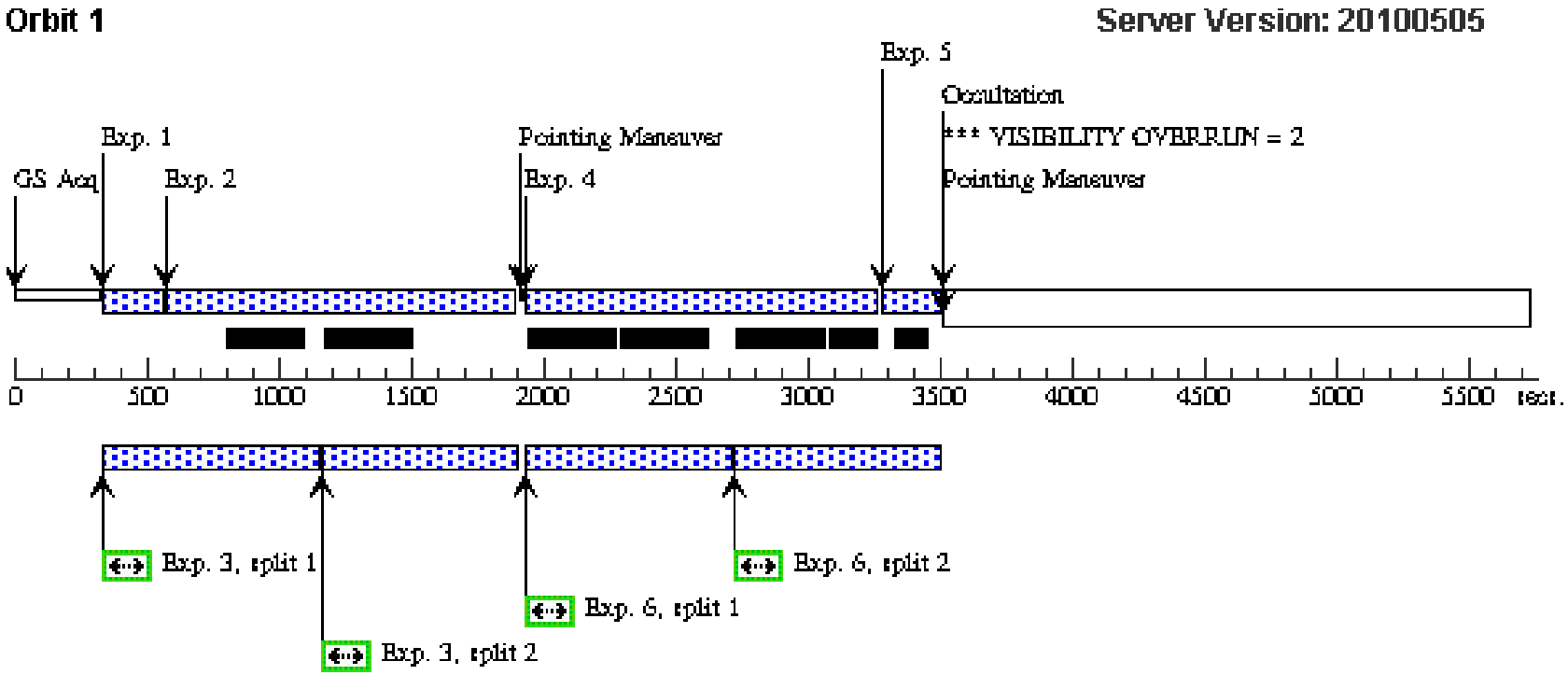
Fixed Targets

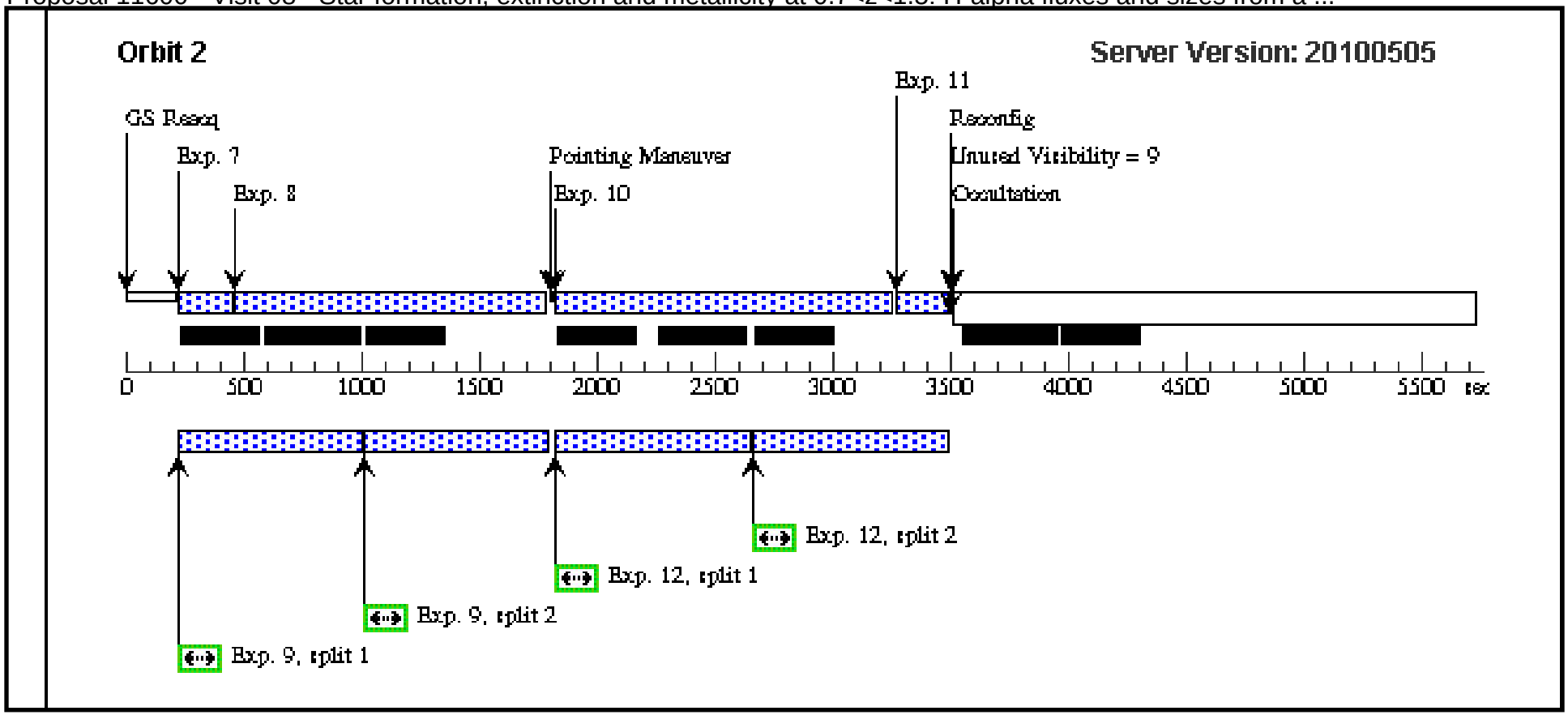
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	GNGRISM24	RA: 12 36 42.4000 (189.1766667d) Dec: +62 14 20.10 (62.23892d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(8) GNGRISM24	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(8) GNGRISM24	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(8) GNGRISM24	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(8) GNGRISM24	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(8) GNGRISM24	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(8) GNGRISM24	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(8) GNGRISM24	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(8) GNGRISM24	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(8) GNGRISM24	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(8) GNGRISM24	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(8) GNGRISM24	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(8) GNGRISM24	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Reconfig
Unused Visibility = 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 09, failed Tue Aug 24 01:08:00 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Diagnostics

(Visit 09) Warning (Orbit Planner): VISIBILITY OVERRUN

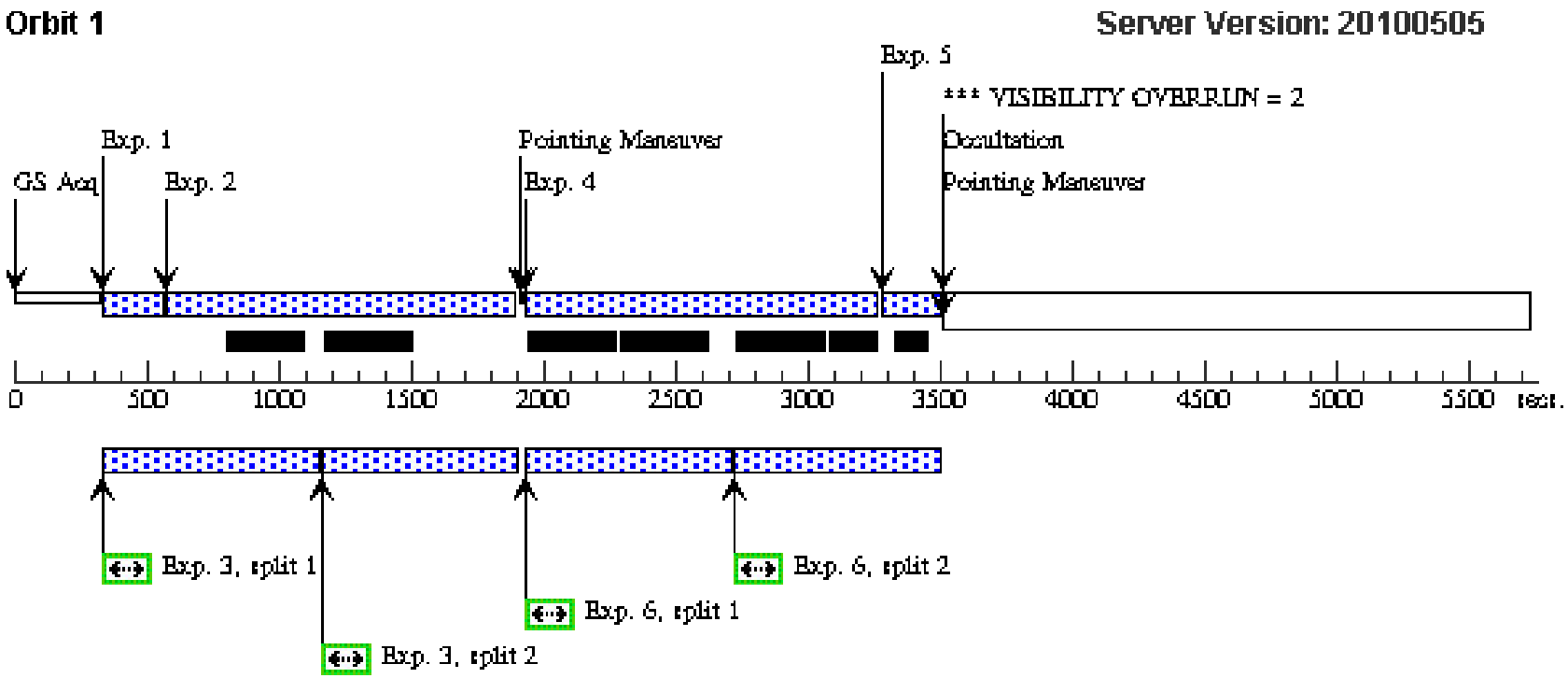
Fixed Targets

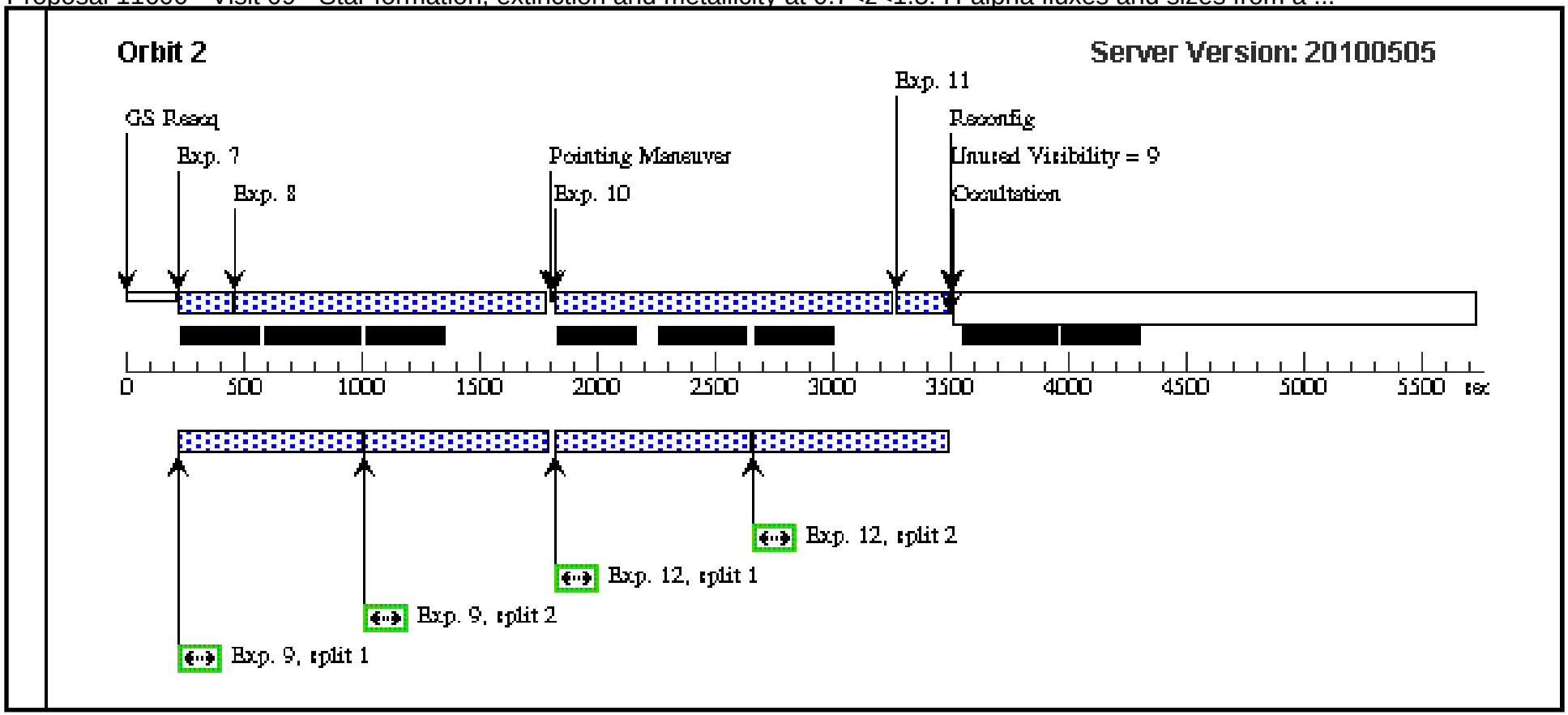
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	GNGRISM31	RA: 12 36 21.1200 (189.0880000d) Dec: +62 08 48.60 (62.14683d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(9) GNGRISM31	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(9) GNGRISM31	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(9) GNGRISM31	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(9) GNGRISM31	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(9) GNGRISM31	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(9) GNGRISM31	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(9) GNGRISM31	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(9) GNGRISM31	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(9) GNGRISM31	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(9) GNGRISM31	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(9) GNGRISM31	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(9) GNGRISM31	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Reconfig
Unused Visibility = 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 10, completed Tue Aug 24 01:08:00 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Diagnostics

(Visit 10) Warning (Orbit Planner): VISIBILITY OVERRUN

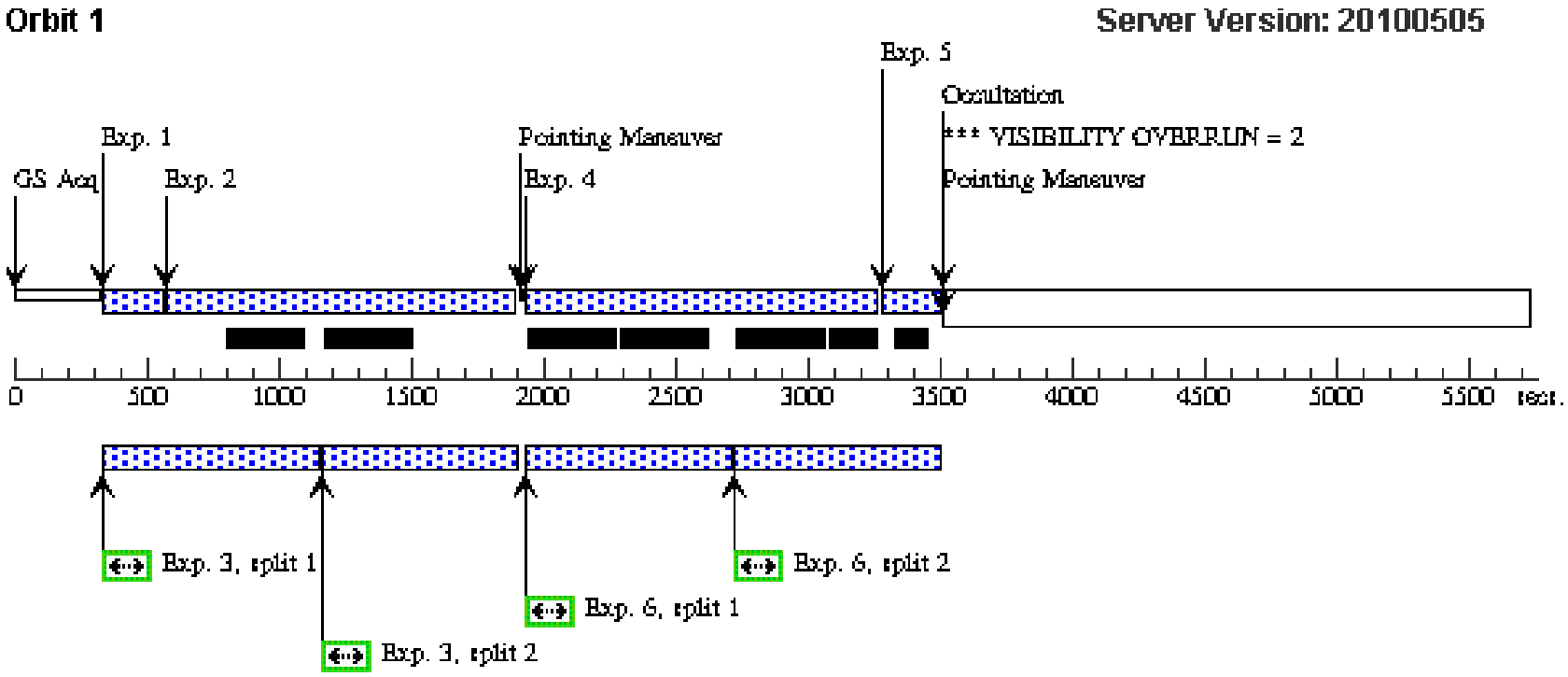
Fixed Targets

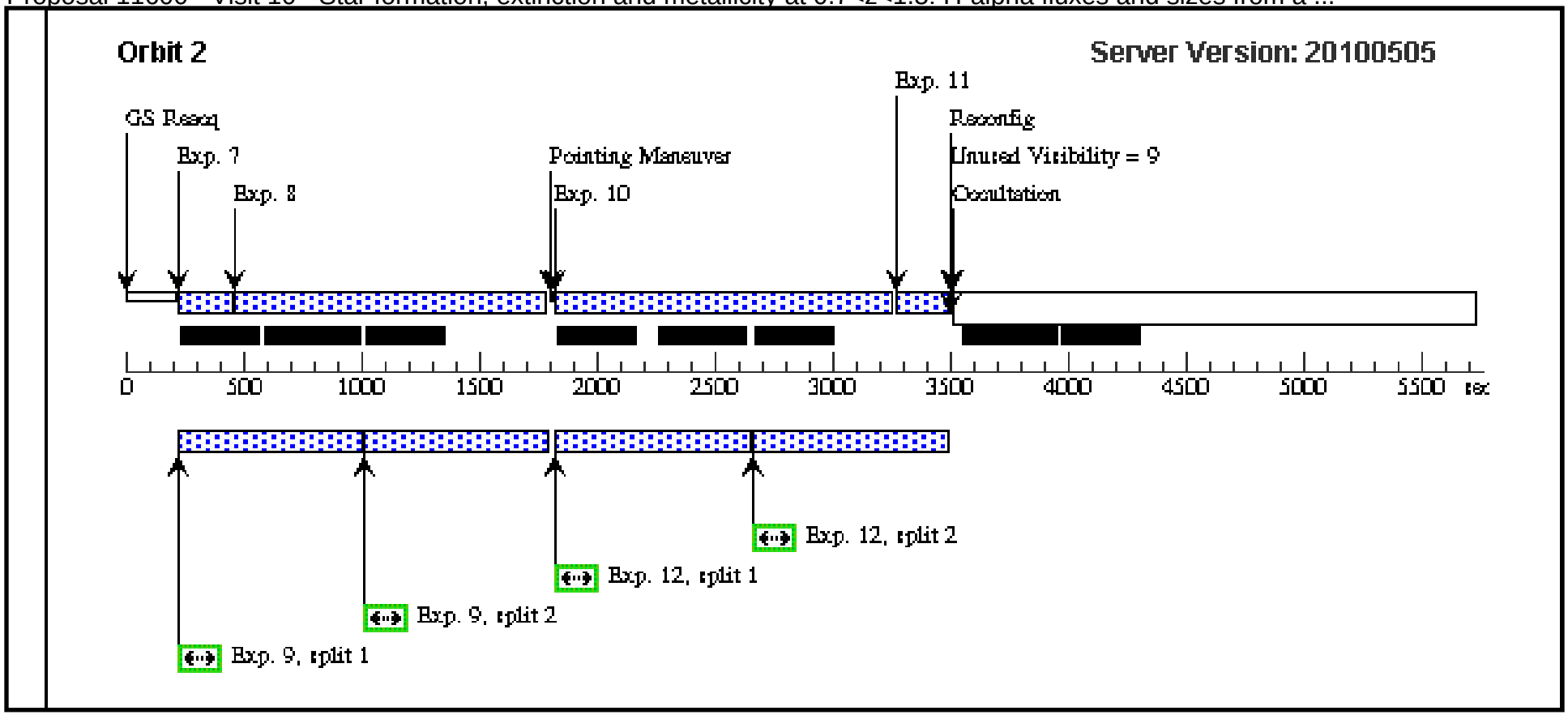
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	GNGRISM32	RA: 12 36 32.5800 (189.1357500d) Dec: +62 10 8.60 (62.16906d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(10) GNGRISM32	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(10) GNGRISM32	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(10) GNGRISM32	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(10) GNGRISM32	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(10) GNGRISM32	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(10) GNGRISM32	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(10) GNGRISM32	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(10) GNGRISM32	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(10) GNGRISM32	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(10) GNGRISM32	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(10) GNGRISM32	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(10) GNGRISM32	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Reconfig
Unused Visibility = 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 11, completed Tue Aug 24 01:08:01 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Diagnostics

(Visit 11) Warning (Orbit Planner): VISIBILITY OVERRUN

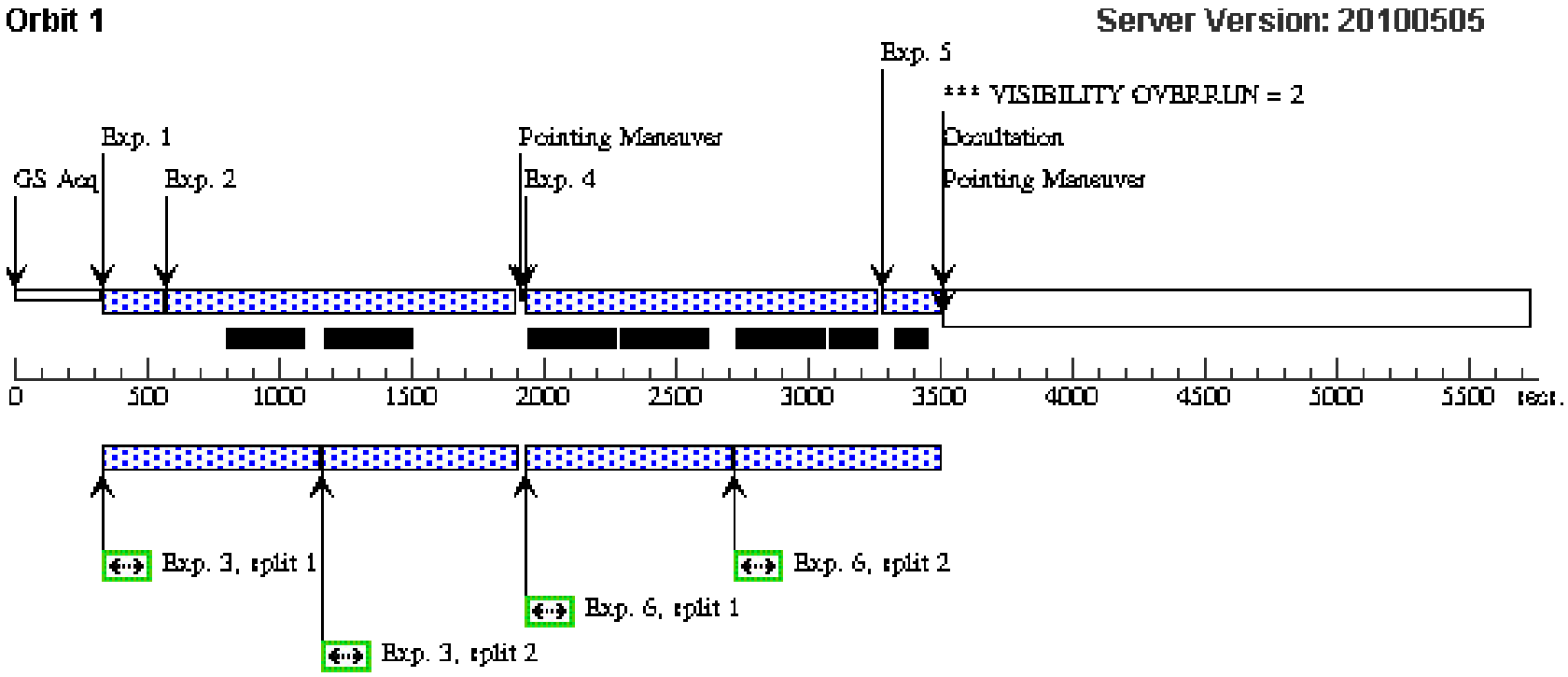
Fixed Targets

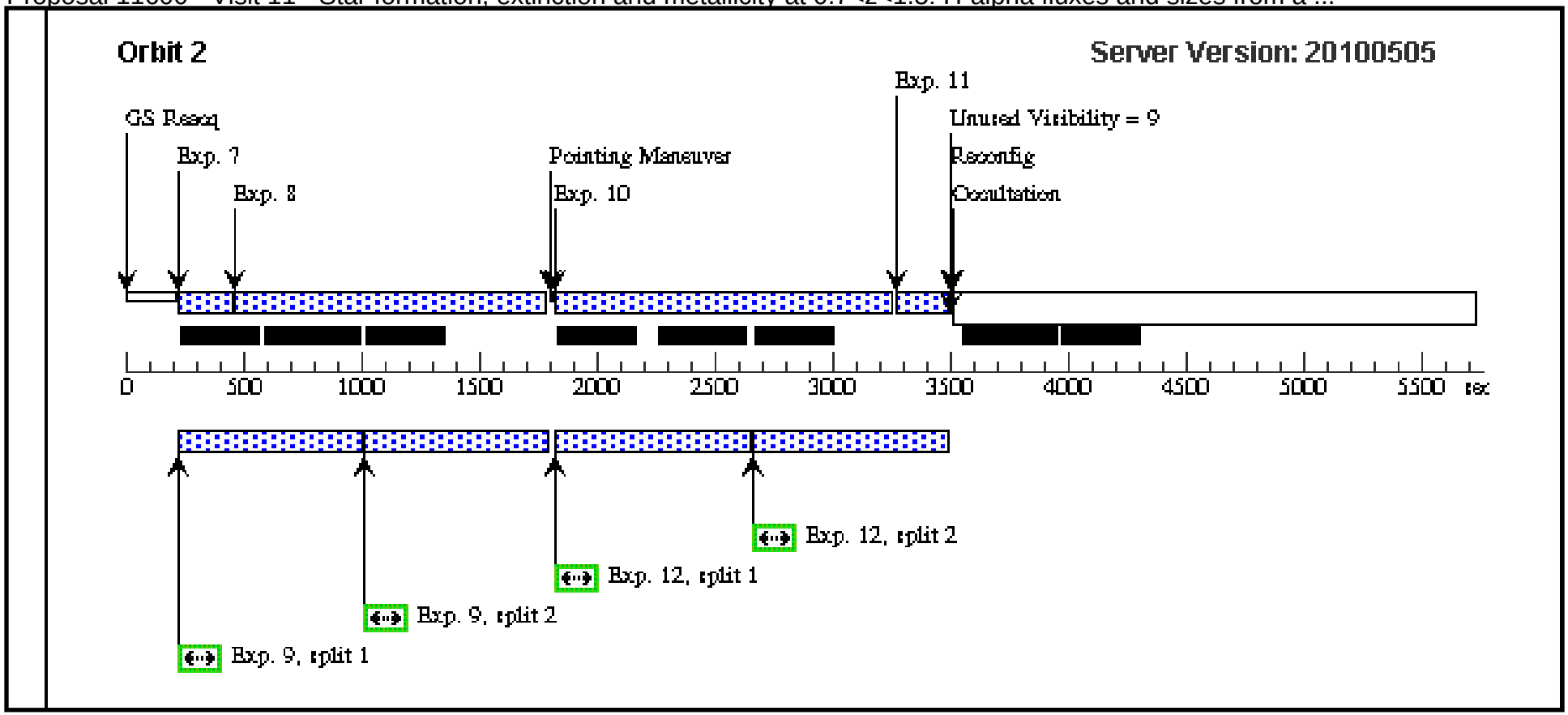
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	GNGRISM33	RA: 12 36 44.0200 (189.1834167d) Dec: +62 11 28.70 (62.19131d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(11) GNGRISM33	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(11) GNGRISM33	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(11) GNGRISM33	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(11) GNGRISM33	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(11) GNGRISM33	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(11) GNGRISM33	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(11) GNGRISM33	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(11) GNGRISM33	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(11) GNGRISM33	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(11) GNGRISM33	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(11) GNGRISM33	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(11) GNGRISM33	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 11
GS Reacq
Unused Visibility = 9
Exp. 7
Pointing Maneuver
Reconfig
Exp. 8
Exp. 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 12, completed Tue Aug 24 01:08:02 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Diagnostics

(Visit 12) Warning (Orbit Planner): VISIBILITY OVERRUN

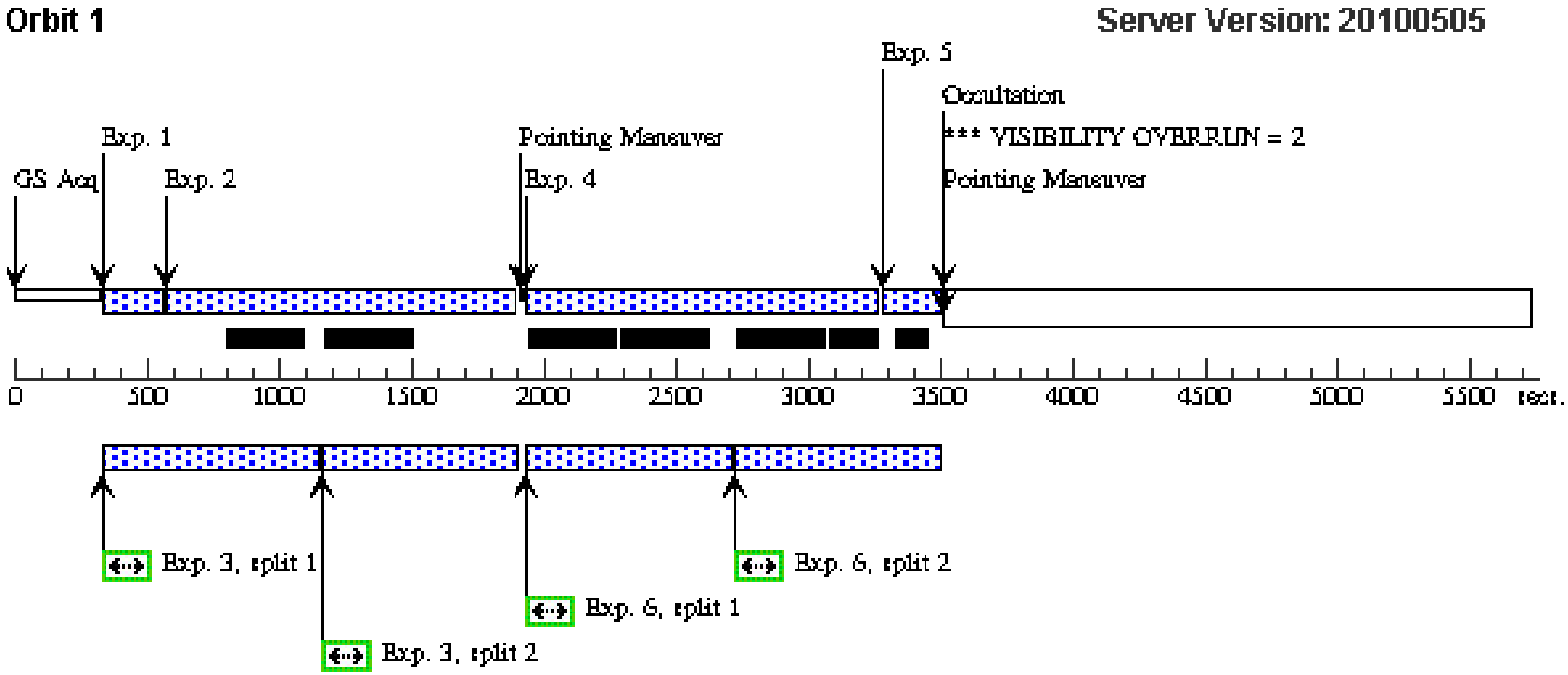
Fixed Targets

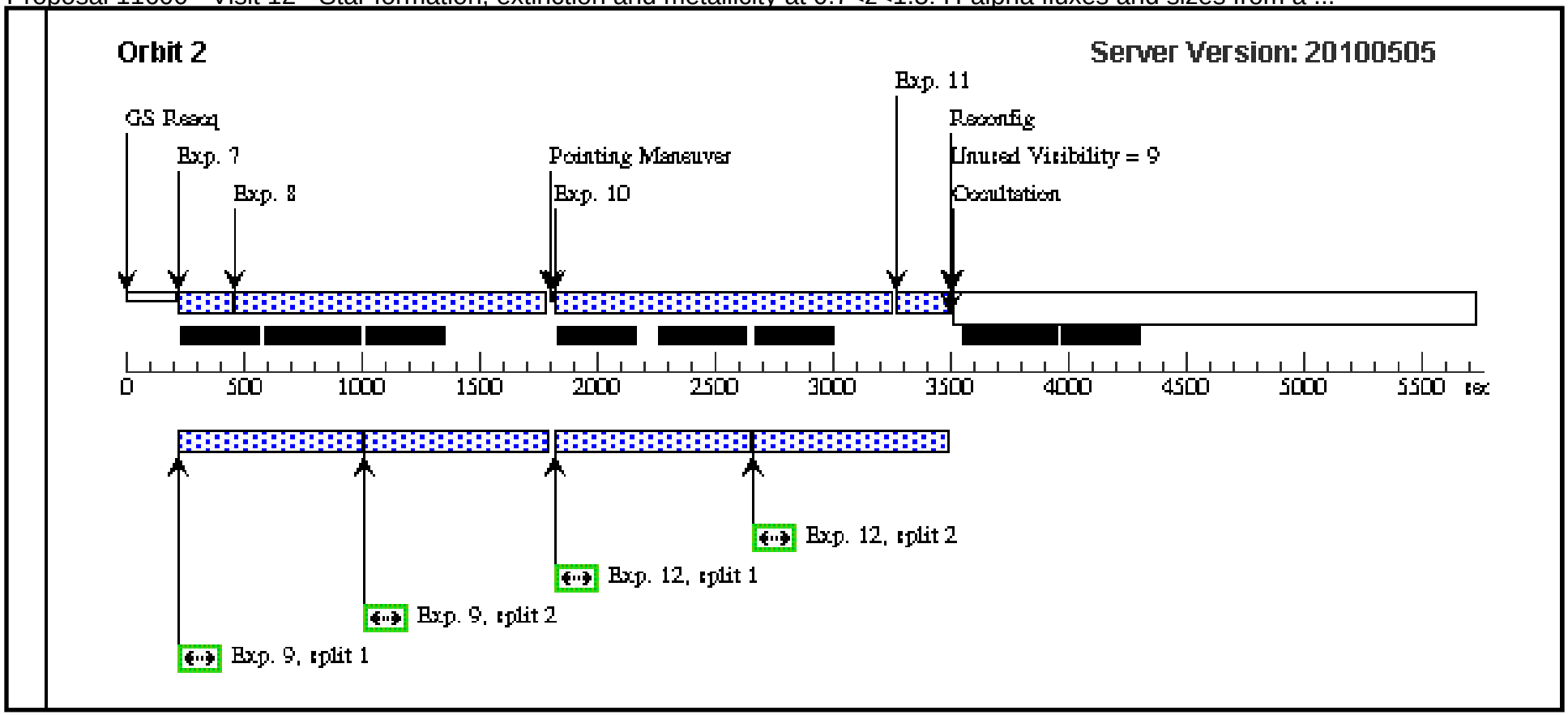
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	GNGRISM34	RA: 12 36 55.4800 (189.2311667d) Dec: +62 12 48.70 (62.21353d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(12) GNGRISM34	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(12) GNGRISM34	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(12) GNGRISM34	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(12) GNGRISM34	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(12) GNGRISM34	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(12) GNGRISM34	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(12) GNGRISM34	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(12) GNGRISM34	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(12) GNGRISM34	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(12) GNGRISM34	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(12) GNGRISM34	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(12) GNGRISM34	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Reconfig
Unused Visibility = 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 13, completed Tue Aug 24 01:08:03 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Diagnostics

(Visit 13) Warning (Orbit Planner): VISIBILITY OVERRUN

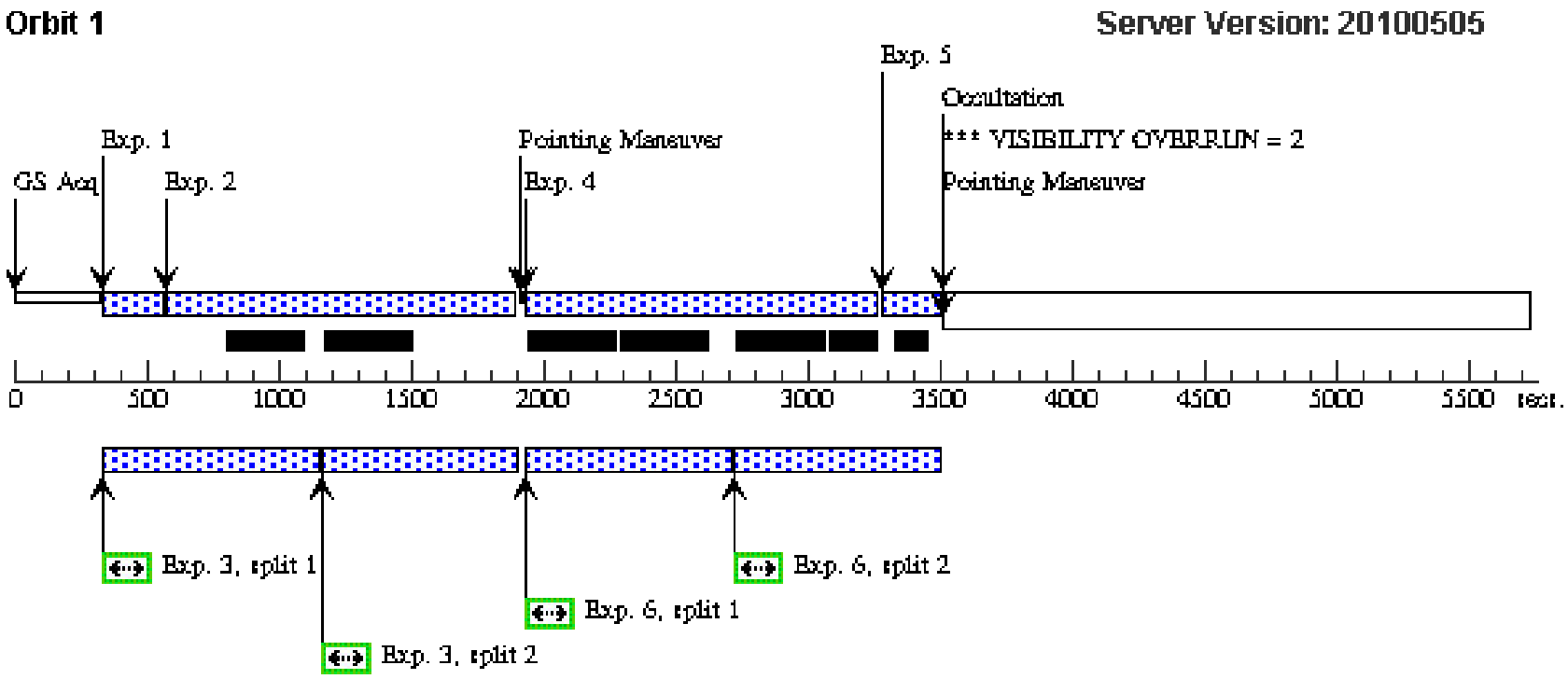
Fixed Targets

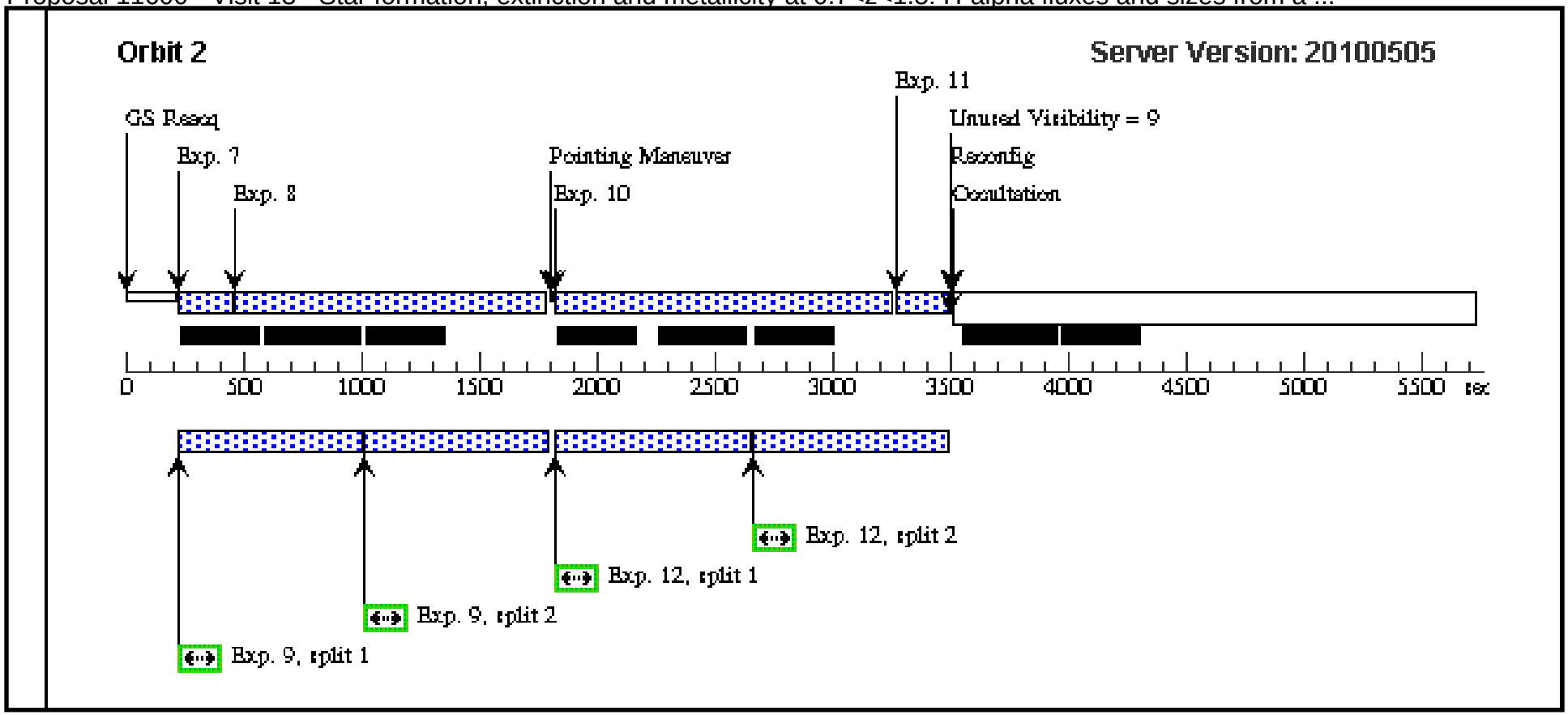
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	GNGRISM41	RA: 12 36 34.1900 (189.1424583d) Dec: +62 07 17.20 (62.12144d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(13) GNGRISM41	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(13) GNGRISM41	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(13) GNGRISM41	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(13) GNGRISM41	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(13) GNGRISM41	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(13) GNGRISM41	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(13) GNGRISM41	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(13) GNGRISM41	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(13) GNGRISM41	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(13) GNGRISM41	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(13) GNGRISM41	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(13) GNGRISM41	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 11
GS Reacq
Unused Visibility = 9
Exp. 7
Pointing Maneuver
Reconfig
Exp. 8
Exp. 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 14, completed Tue Aug 24 01:08:04 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Diagnostics

(Visit 14) Warning (Orbit Planner): VISIBILITY OVERRUN

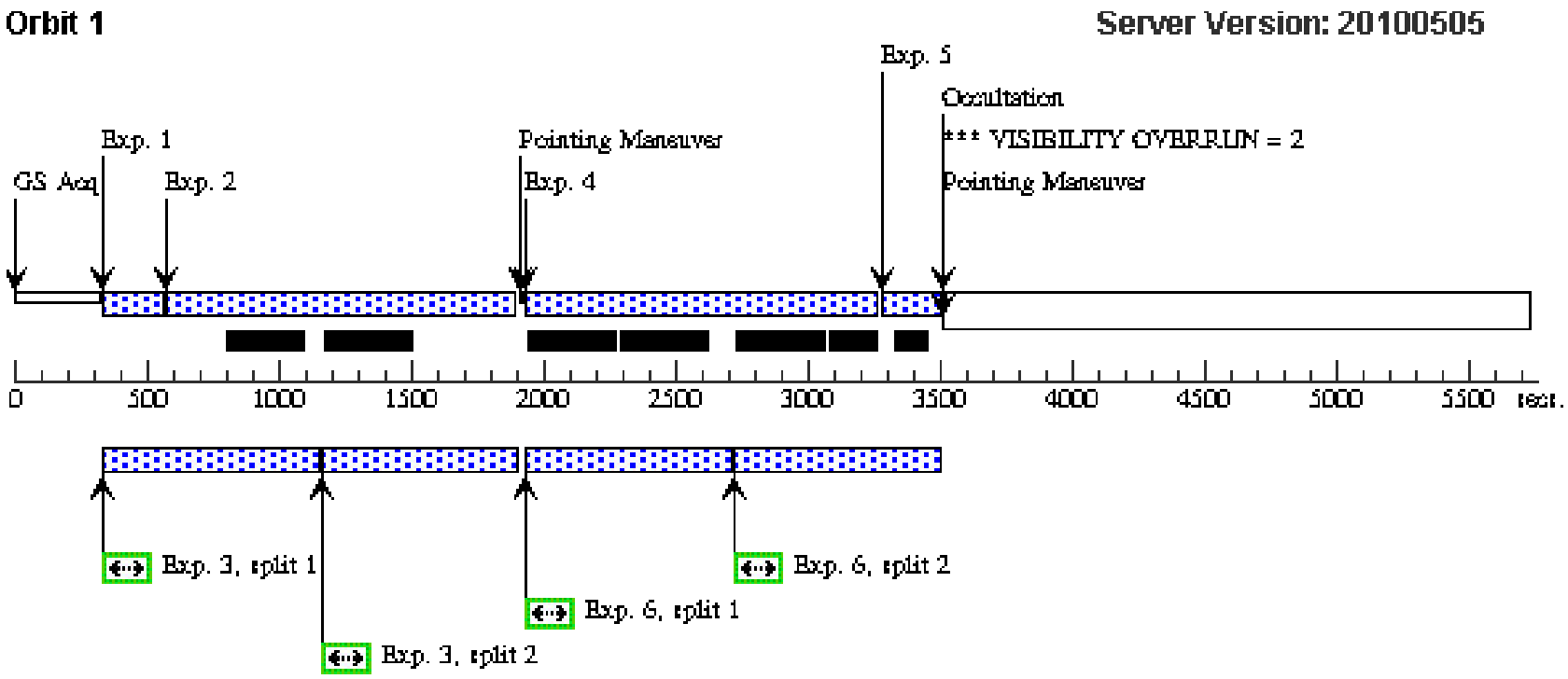
Fixed Targets

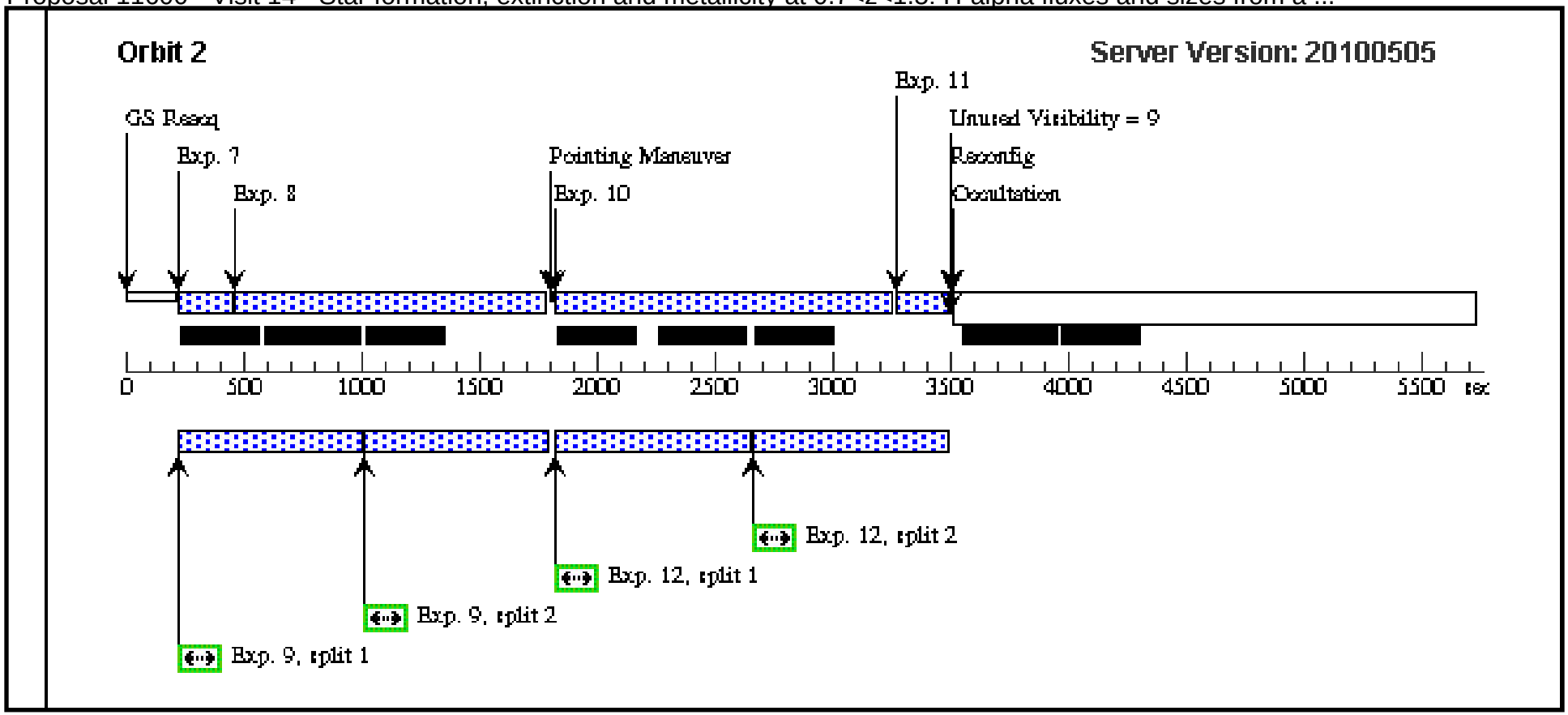
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	GNGRISM42	RA: 12 36 45.6500 (189.1902083d) Dec: +62 08 37.30 (62.14369d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(14) GNGRISM42	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(14) GNGRISM42	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(14) GNGRISM42	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(14) GNGRISM42	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(14) GNGRISM42	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(14) GNGRISM42	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(14) GNGRISM42	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(14) GNGRISM42	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(14) GNGRISM42	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(14) GNGRISM42	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(14) GNGRISM42	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(14) GNGRISM42	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 11
GS Reacq
Unused Visibility = 9
Exp. 7
Pointing Maneuver
Reconfig
Exp. 8
Exp. 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 15, completed Tue Aug 24 01:08:05 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Diagnostics

(Visit 15) Warning (Orbit Planner): VISIBILITY OVERRUN

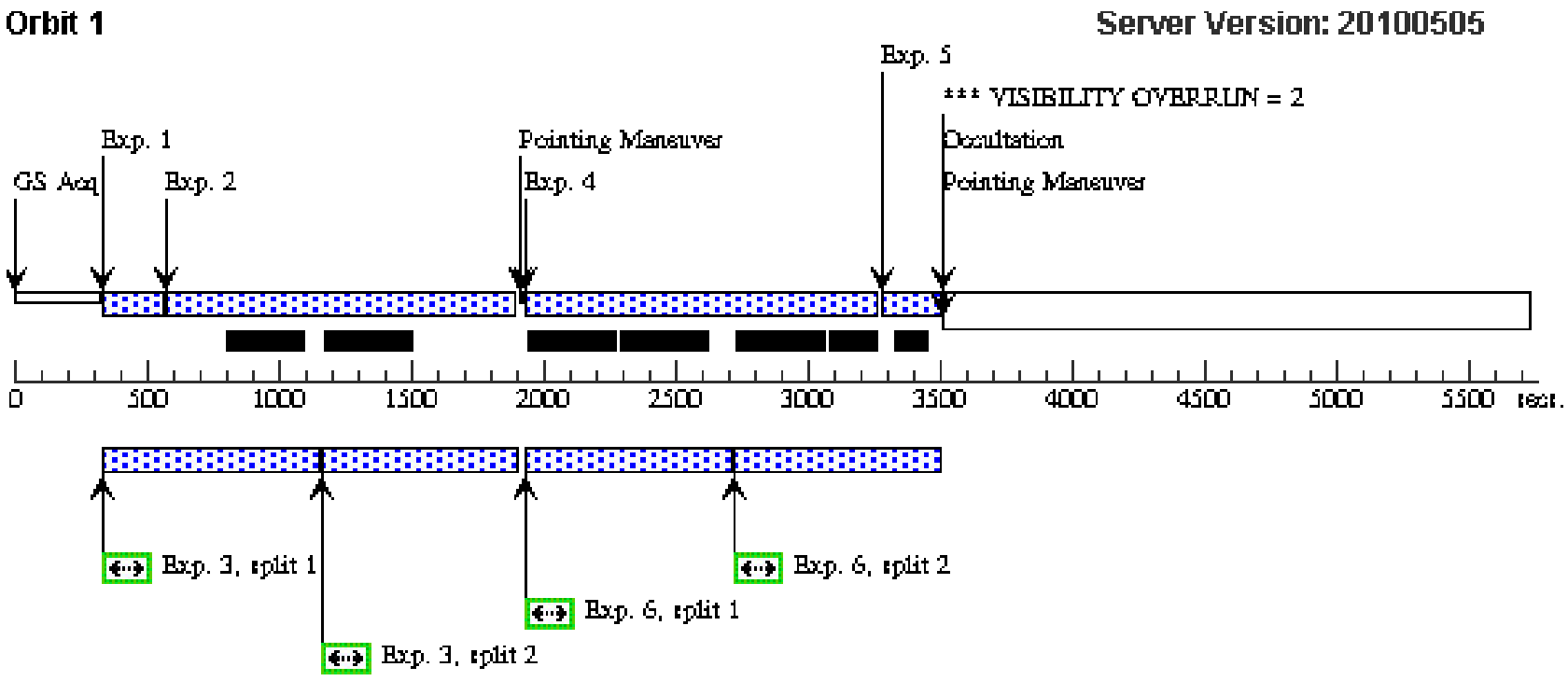
Fixed Targets

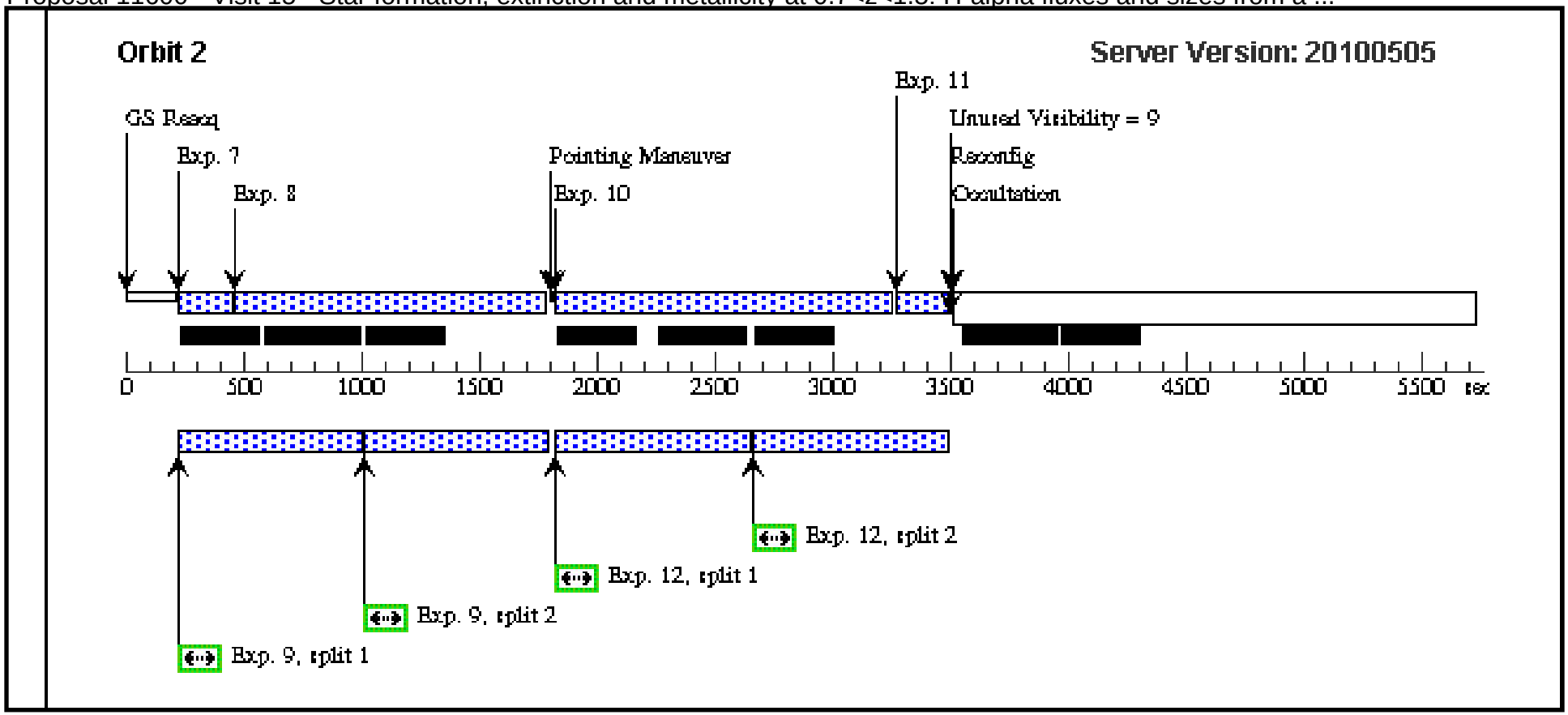
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	GNGRISM43	RA: 12 36 57.0900 (189.2378750d) Dec: +62 09 57.30 (62.16592d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(15) GNGRISM43	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(15) GNGRISM43	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(15) GNGRISM43	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(15) GNGRISM43	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(15) GNGRISM43	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(15) GNGRISM43	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(15) GNGRISM43	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(15) GNGRISM43	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(15) GNGRISM43	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(15) GNGRISM43	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(15) GNGRISM43	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(15) GNGRISM43	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 11
GS Reacq
Unused Visibility = 9
Exp. 7
Pointing Maneuver
Reconfig
Exp. 8
Exp. 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 16, completed Tue Aug 24 01:08:05 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Diagnostics

(Visit 16) Warning (Orbit Planner): VISIBILITY OVERRUN

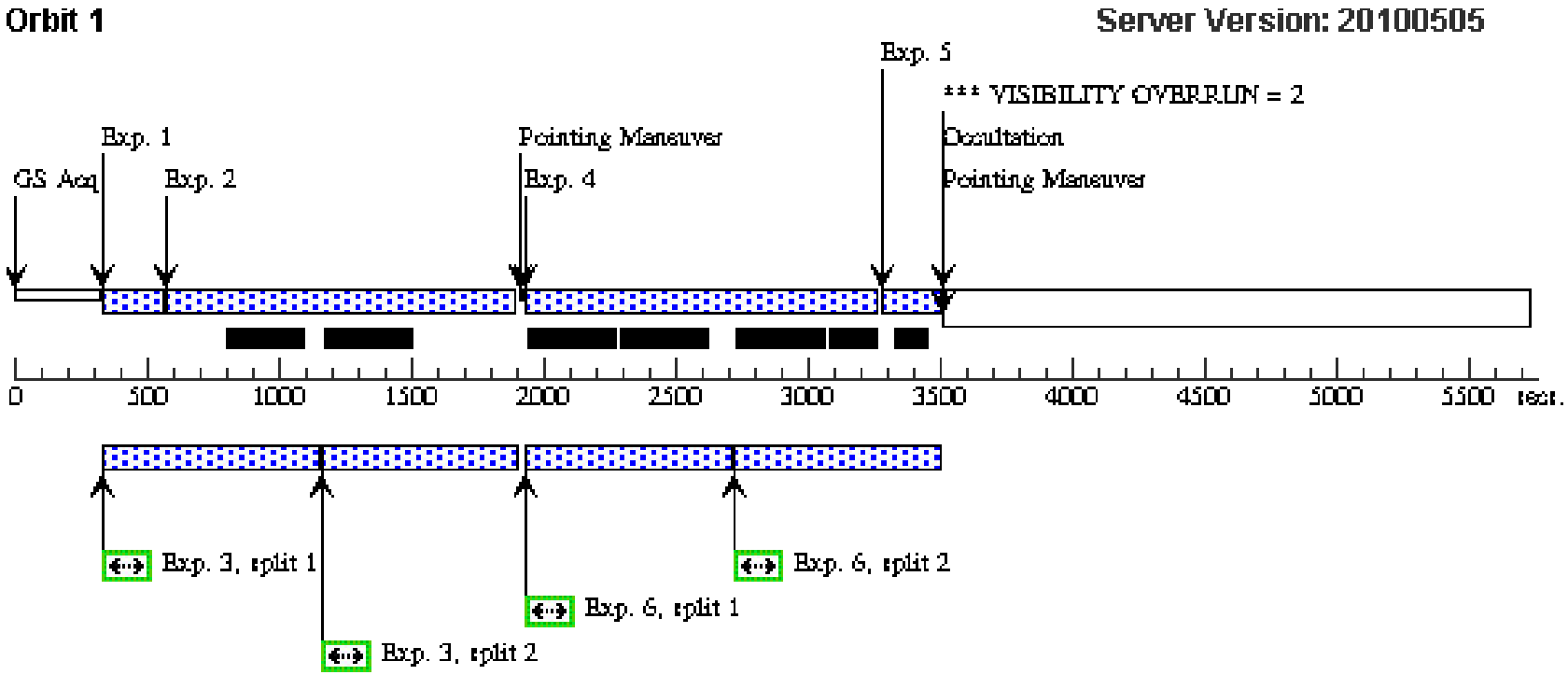
Fixed Targets

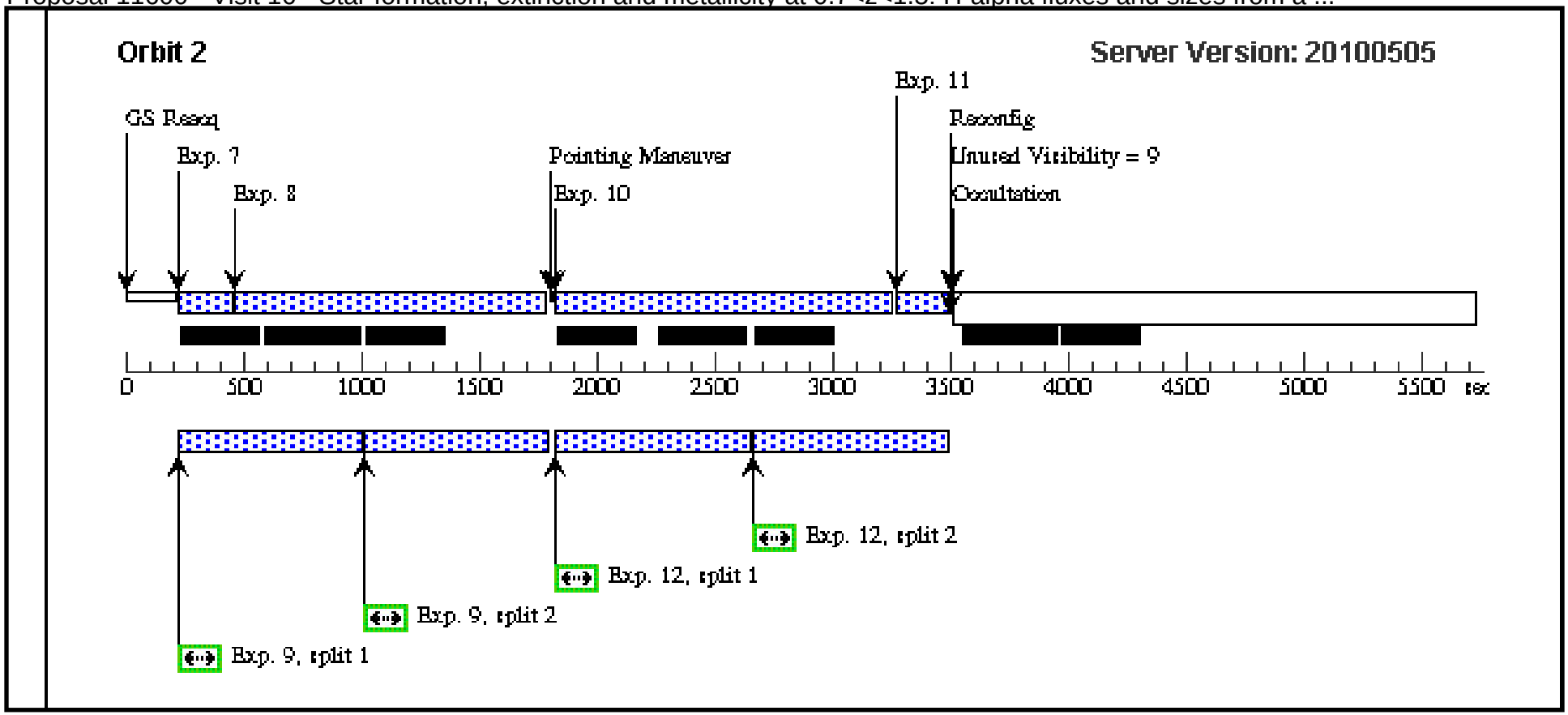
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	GNGRISM44	RA: 12 37 8.5500 (189.2856250d) Dec: +62 11 17.30 (62.18814d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(16) GNGRISM44	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(16) GNGRISM44	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(16) GNGRISM44	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(16) GNGRISM44	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(16) GNGRISM44	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(16) GNGRISM44	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(16) GNGRISM44	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(16) GNGRISM44	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(16) GNGRISM44	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(16) GNGRISM44	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(16) GNGRISM44	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(16) GNGRISM44	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Reconfig
Unused Visibility = 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 17, completed Tue Aug 24 01:08:06 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165D TO 195 D

Diagnostics

(Visit 17) Warning (Orbit Planner): VISIBILITY OVERRUN

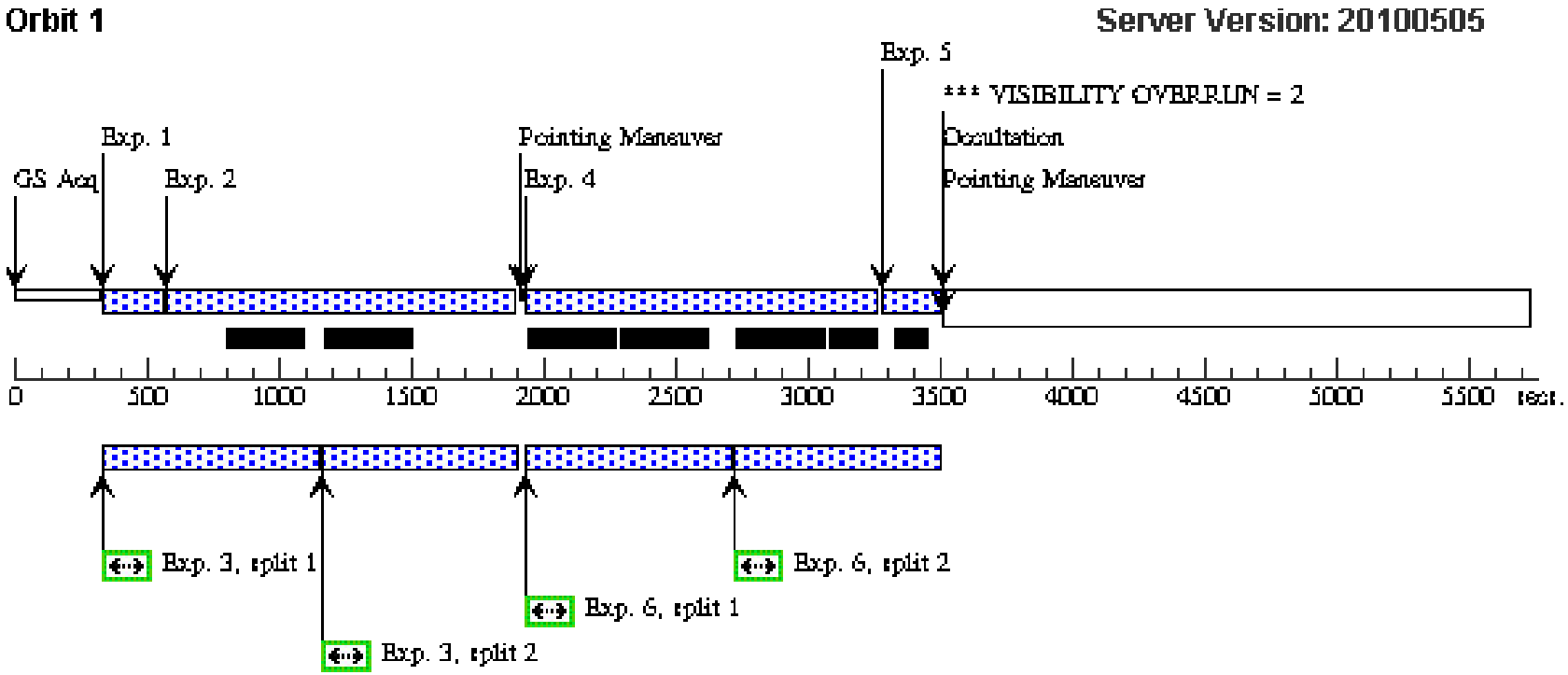
Fixed Targets

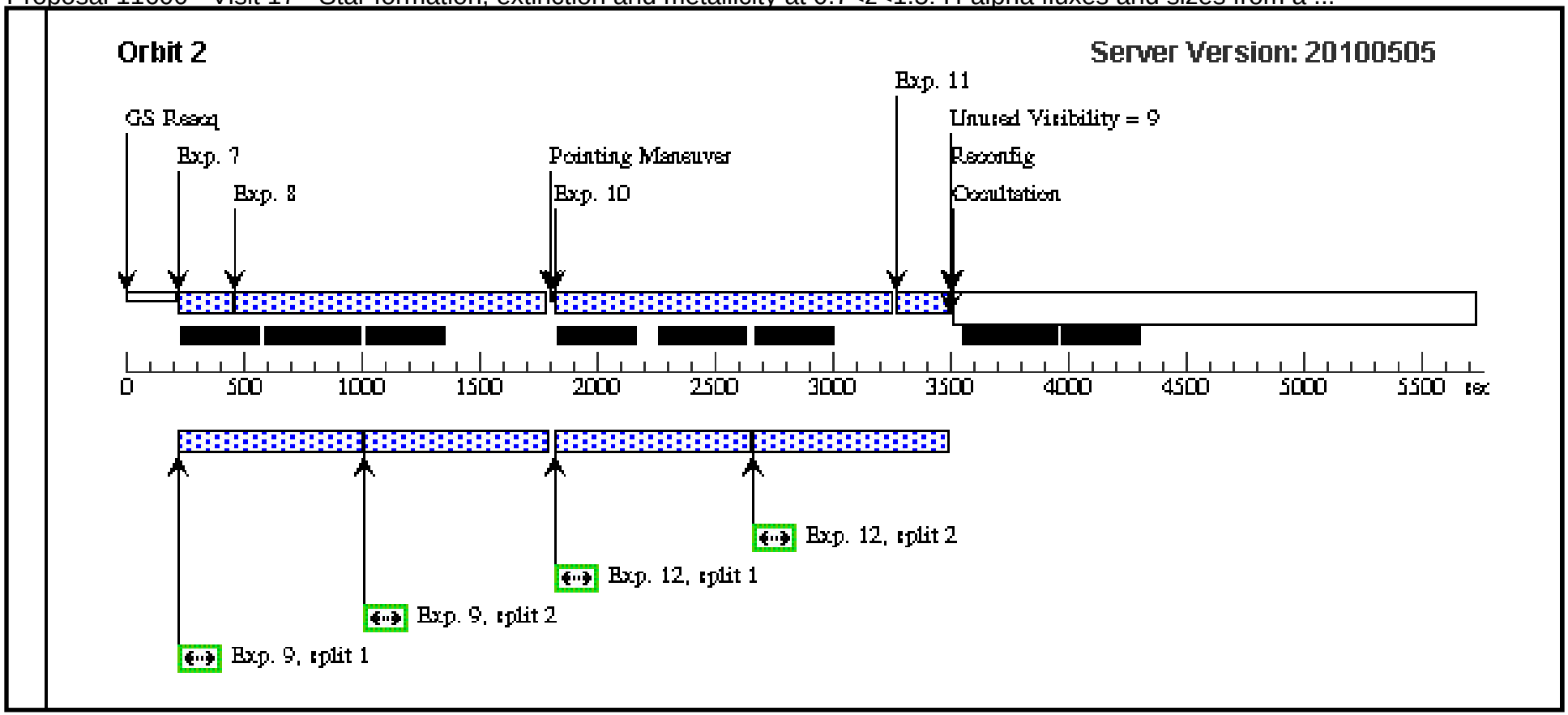
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(17)	GNGRISM15	RA: 12 36 40.7800 (189.1699167d) Dec: +62 17 11.50 (62.28653d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(17) GNGRISM15	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(17) GNGRISM15	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(17) GNGRISM15	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(17) GNGRISM15	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(17) GNGRISM15	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(17) GNGRISM15	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(17) GNGRISM15	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(17) GNGRISM15	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(17) GNGRISM15	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(17) GNGRISM15	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(17) GNGRISM15	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(17) GNGRISM15	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 11
GS Reacq
Unused Visibility = 9
Exp. 7
Pointing Maneuver
Reconfig
Exp. 8
Exp. 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 18, scheduling Tue Aug 24 01:08:06 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 345.0D TO 15.0 D; ORIENT 165D TO 195 D

Diagnostics

(Visit 18) Warning (Orbit Planner): VISIBILITY OVERRUN

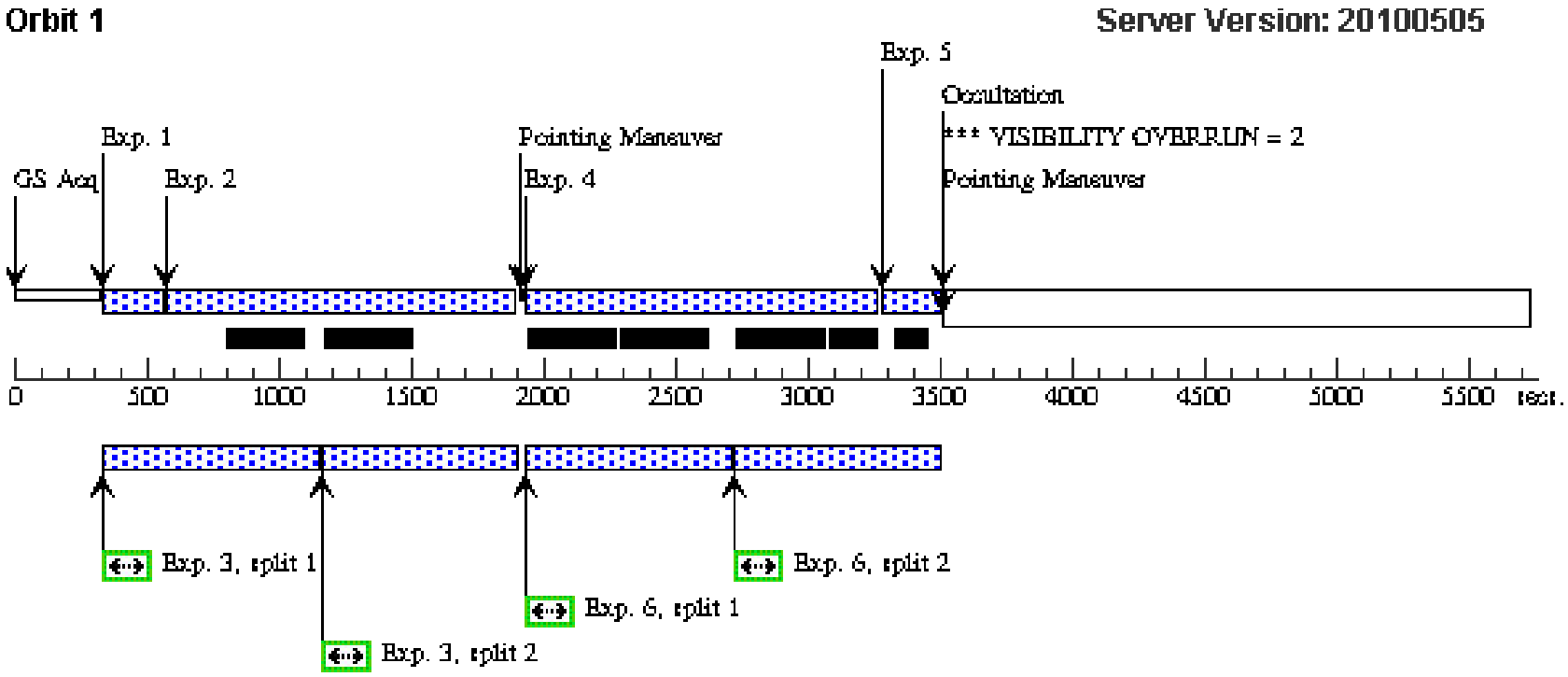
Fixed Targets

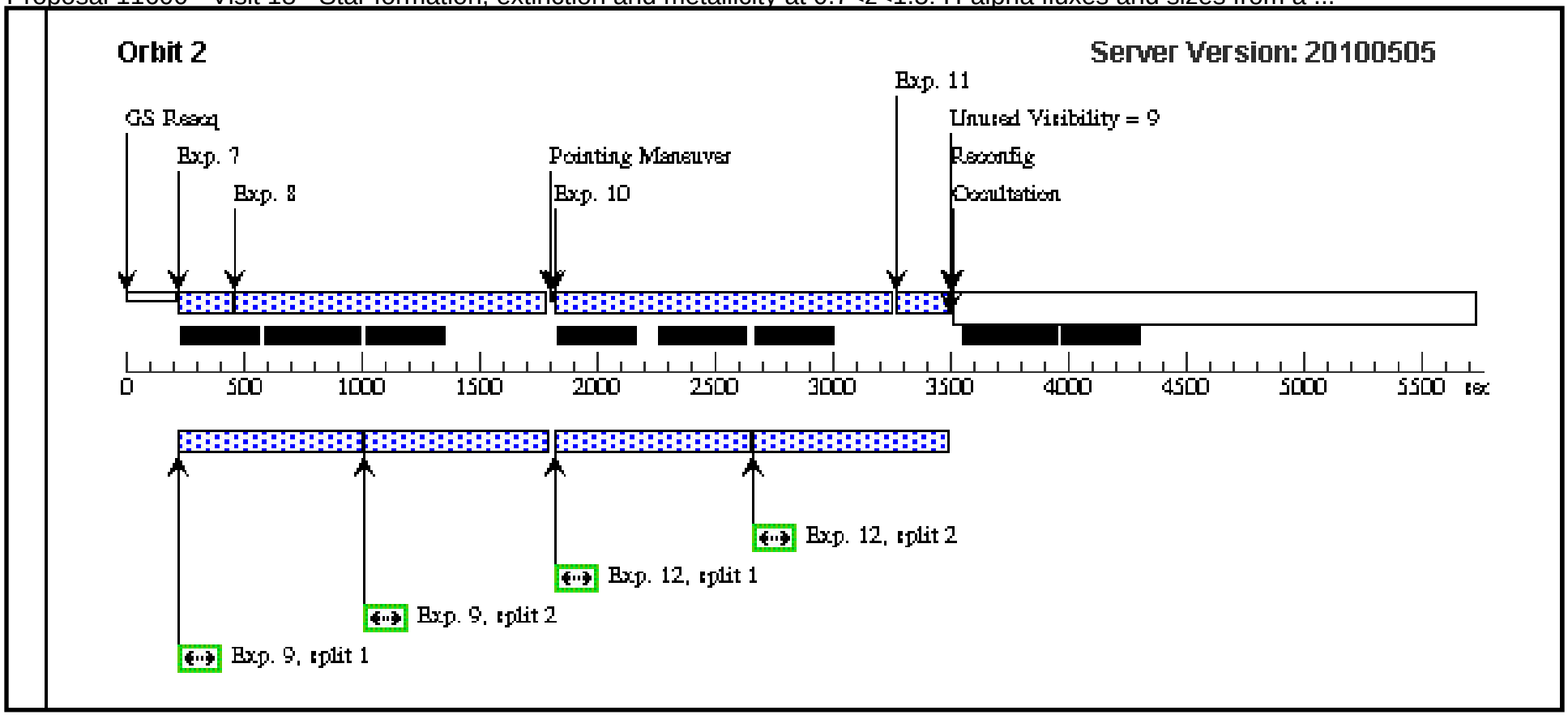
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	GNGRISM16	RA: 12 36 52.2200 (189.2175833d) Dec: +62 18 31.50 (62.30875d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(18) GNGRISM16	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(18) GNGRISM16	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(18) GNGRISM16	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(18) GNGRISM16	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(18) GNGRISM16	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(18) GNGRISM16	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(18) GNGRISM16	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(18) GNGRISM16	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(18) GNGRISM16	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(18) GNGRISM16	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(18) GNGRISM16	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(18) GNGRISM16	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 11
GS Reacq
Unused Visibility = 9
Exp. 7
Pointing Maneuver
Reconfig
Exp. 8
Exp. 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 19, completed Tue Aug 24 01:08:07 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 345.0D TO 15.0 D; ORIENT 165D TO 195 D

Diagnostics

(Visit 19) Warning (Orbit Planner): VISIBILITY OVERRUN

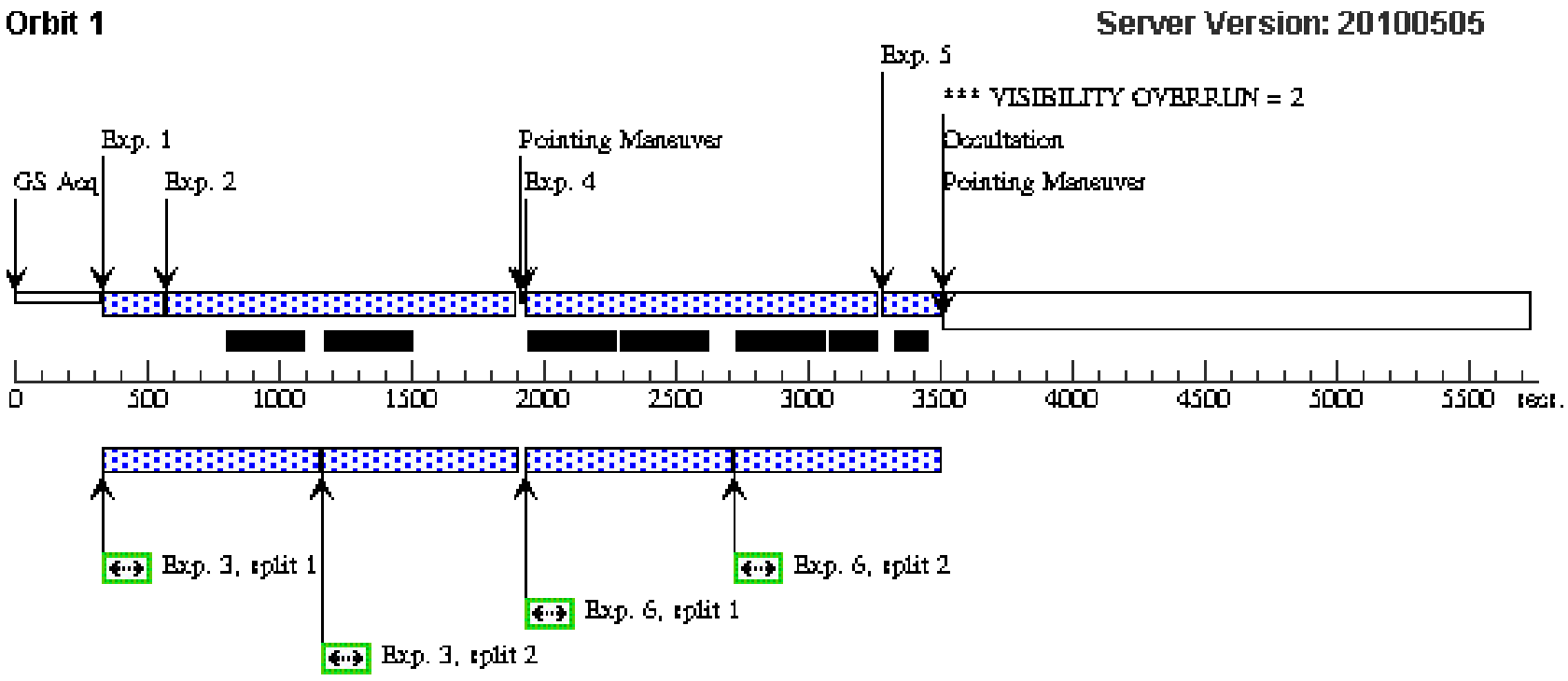
Fixed Targets

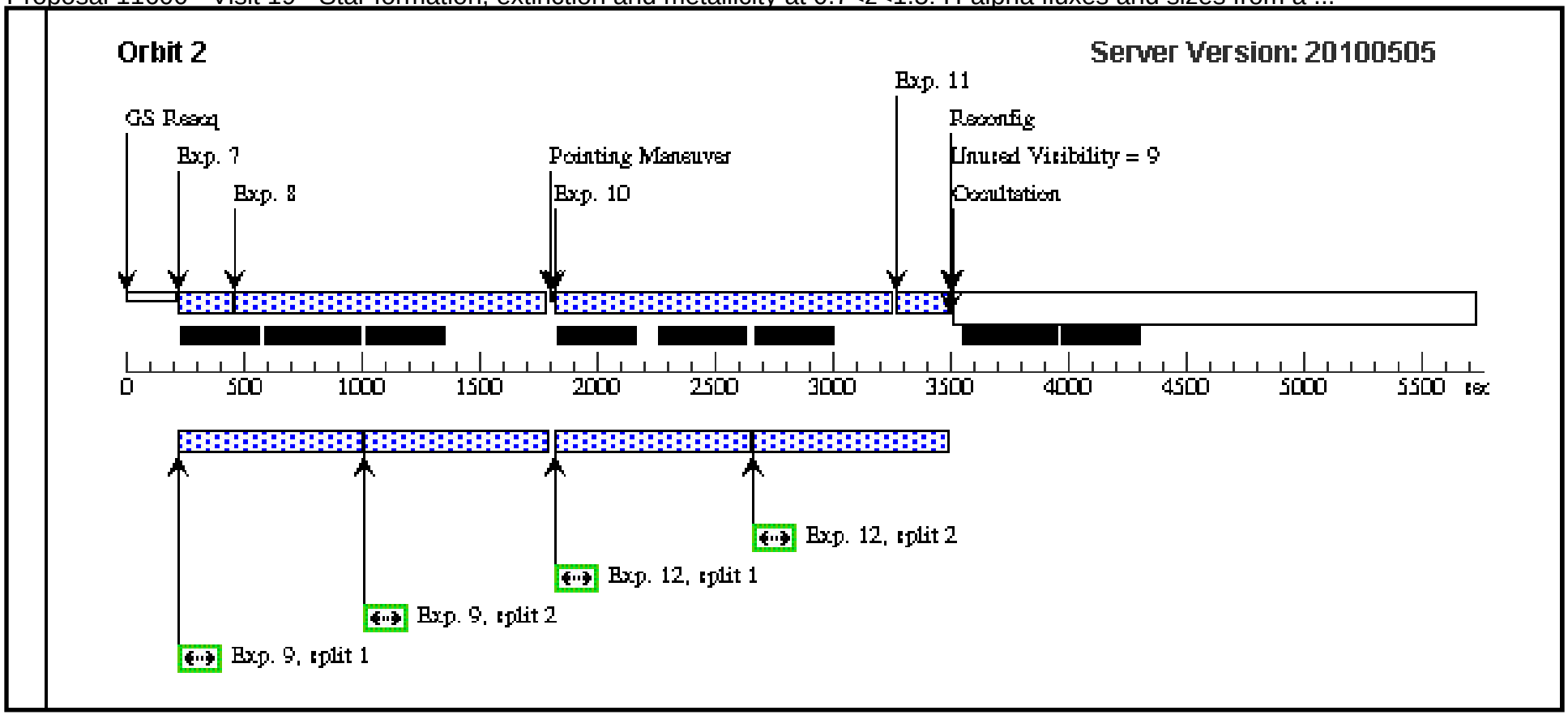
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(19)	GNGRISM17	RA: 12 37 3.6800 (189.2653333d) Dec: +62 19 51.50 (62.33097d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(19) GNGRISM17	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(19) GNGRISM17	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(19) GNGRISM17	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(19) GNGRISM17	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(19) GNGRISM17	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(19) GNGRISM17	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(19) GNGRISM17	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(19) GNGRISM17	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(19) GNGRISM17	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(19) GNGRISM17	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(19) GNGRISM17	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(19) GNGRISM17	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Reconfig
Unused Visibility = 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 20, scheduling Tue Aug 24 01:08:08 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 345.0D TO 15.0 D; ORIENT 165D TO 195 D

Diagnostics

(Visit 20) Warning (Orbit Planner): VISIBILITY OVERRUN

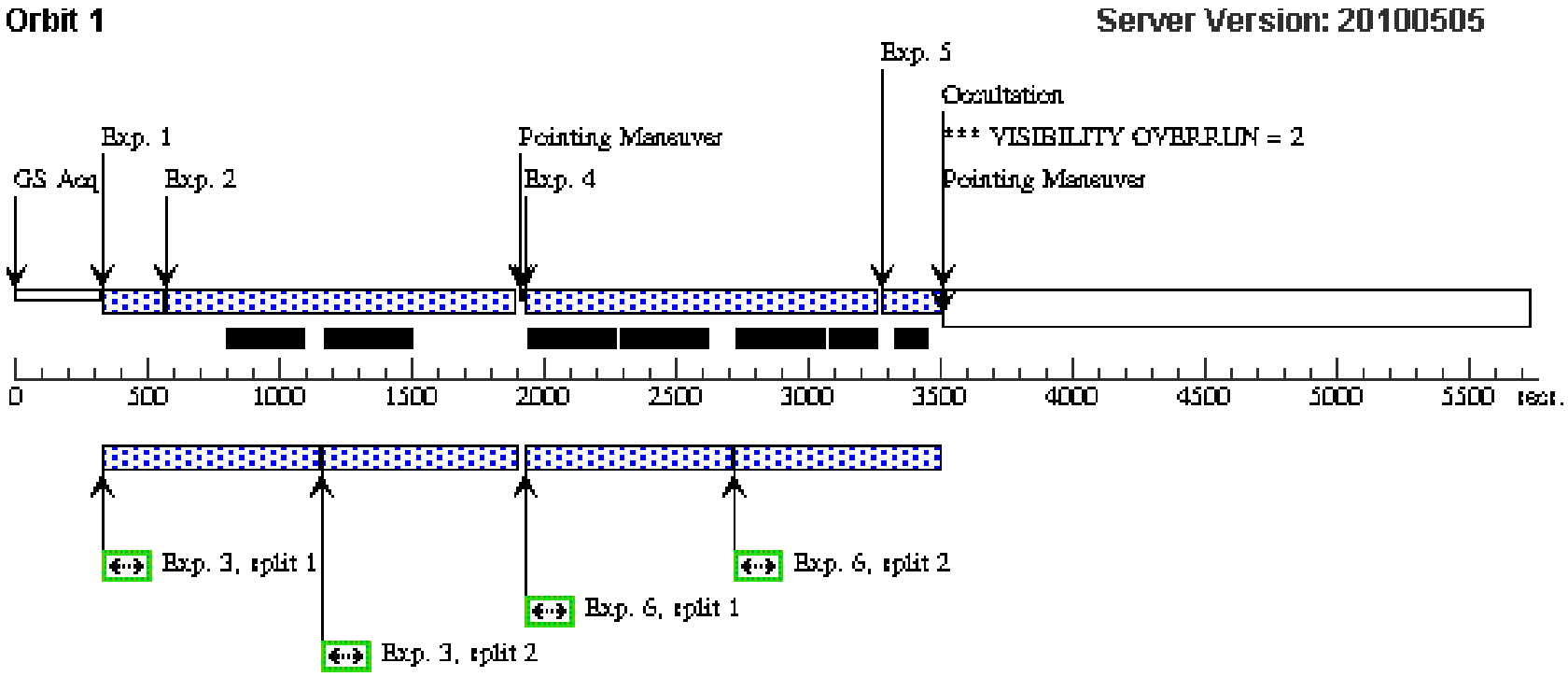
Fixed Targets

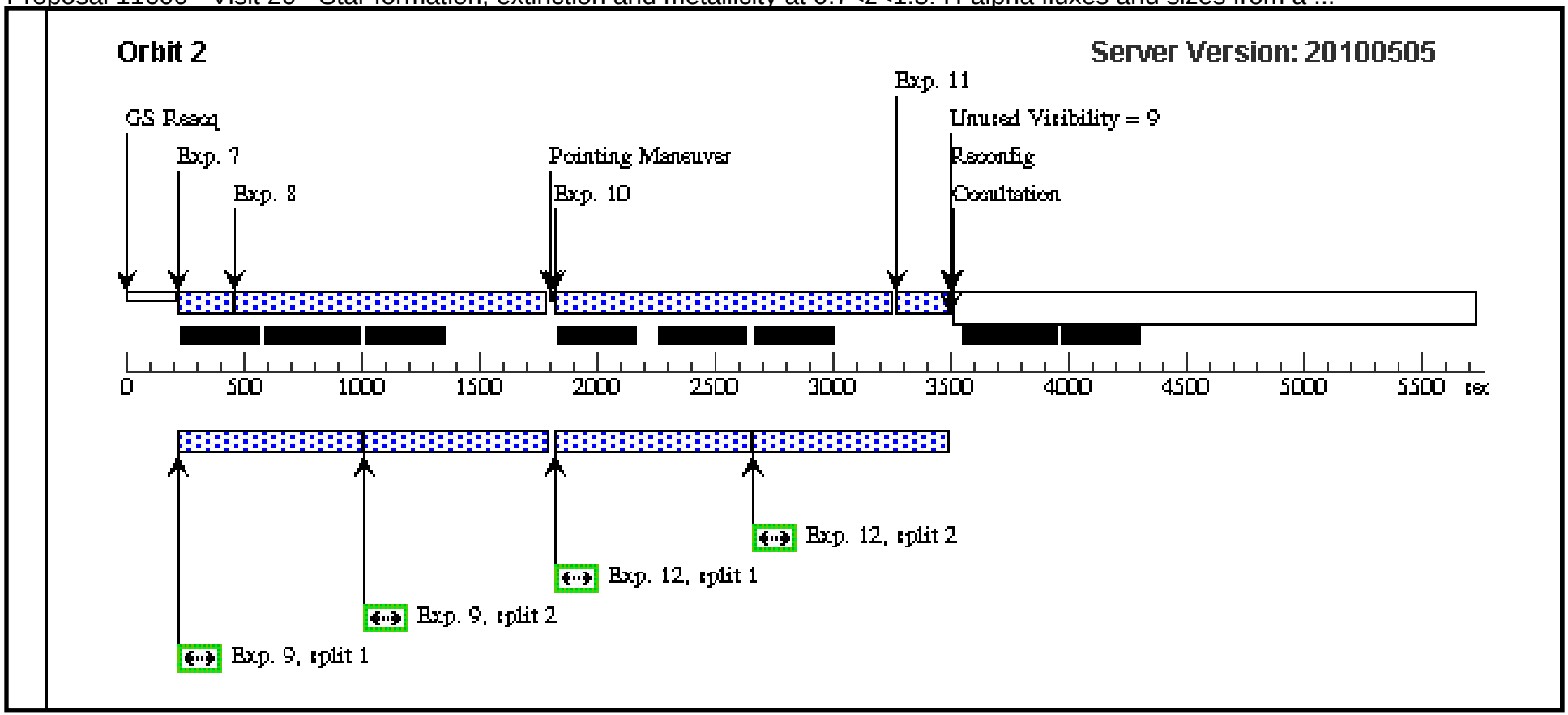
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	GNGRISM18	RA: 12 37 15.1300 (189.3130417d) Dec: +62 21 11.50 (62.35319d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(20) GNGRISM18	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(20) GNGRISM18	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(20) GNGRISM18	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(20) GNGRISM18	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(20) GNGRISM18	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(20) GNGRISM18	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(20) GNGRISM18	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(20) GNGRISM18	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(20) GNGRISM18	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(20) GNGRISM18	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(20) GNGRISM18	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(20) GNGRISM18	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Unused Visibility = 9
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 21, completed Tue Aug 24 01:08:09 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165D TO 195 D

Diagnostics

(Visit 21) Warning (Orbit Planner): VISIBILITY OVERRUN

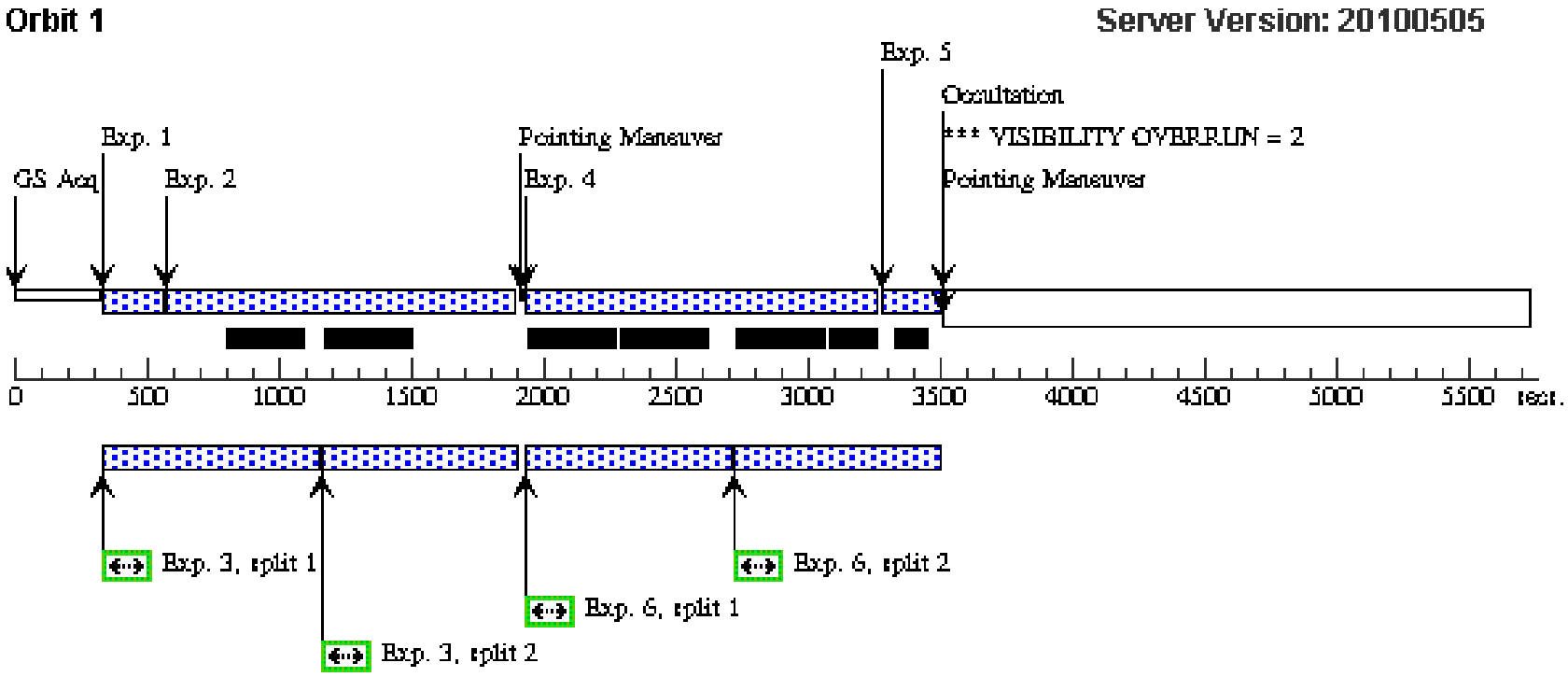
Fixed Targets

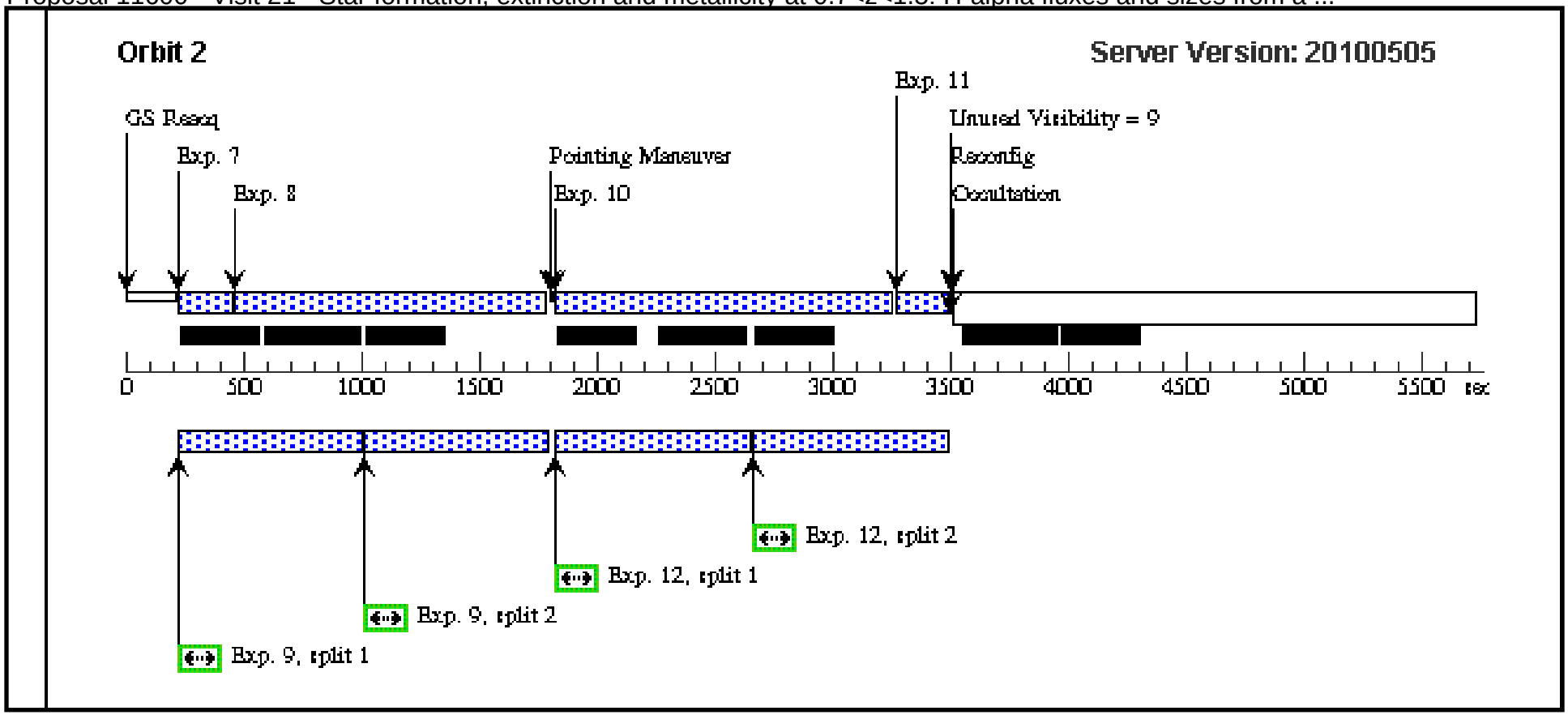
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(21)	GNGRISM25	RA: 12 36 53.8500 (189.2243750d) Dec: +62 15 40.10 (62.26114d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(21) GNGRISM25	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(21) GNGRISM25	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(21) GNGRISM25	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(21) GNGRISM25	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(21) GNGRISM25	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(21) GNGRISM25	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(21) GNGRISM25	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(21) GNGRISM25	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(21) GNGRISM25	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(21) GNGRISM25	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(21) GNGRISM25	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(21) GNGRISM25	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 11
GS Reacq
Unused Visibility = 9
Exp. 7
Pointing Maneuver
Reconfig
Exp. 8
Exp. 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 22, scheduling Tue Aug 24 01:08:10 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 345.0D TO 15.0 D; ORIENT 165D TO 195 D

Diagnostics

(Visit 22) Warning (Orbit Planner): VISIBILITY OVERRUN

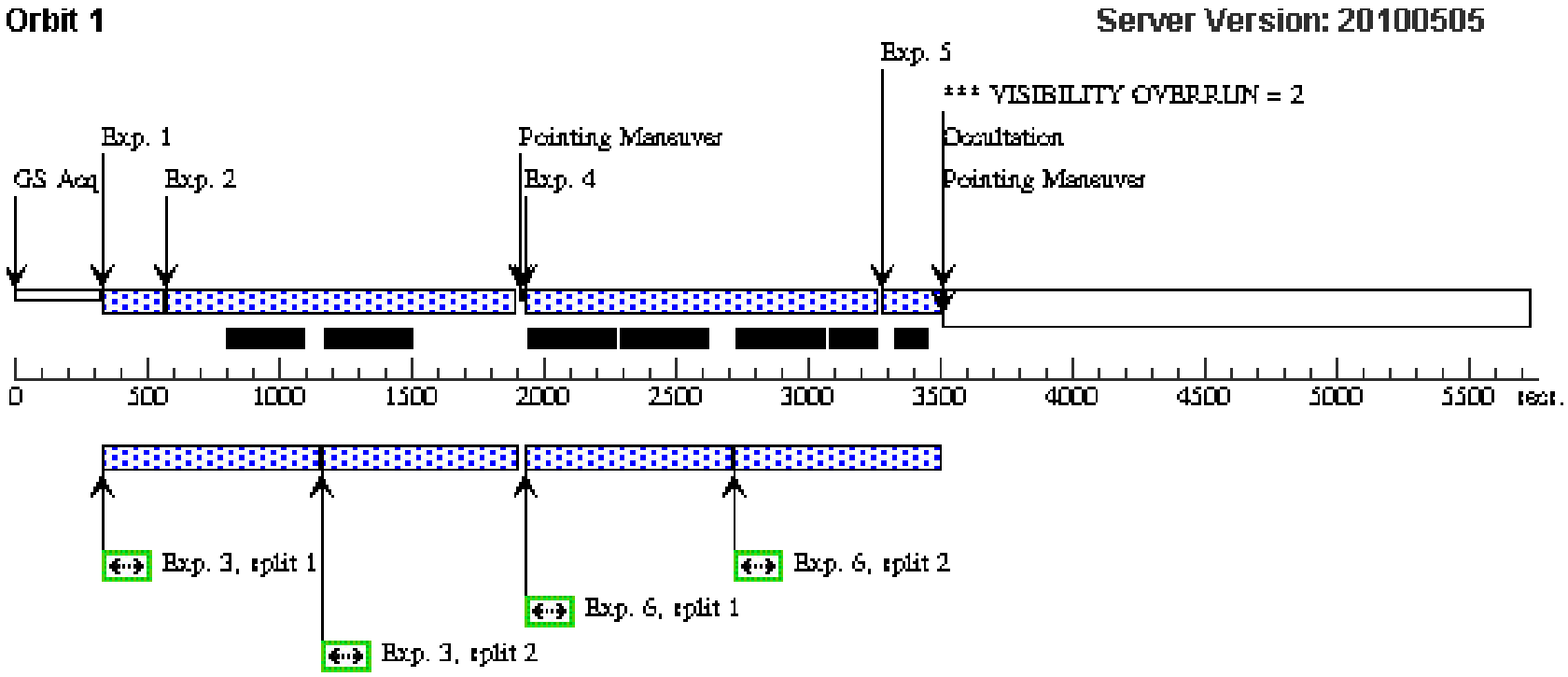
Fixed Targets

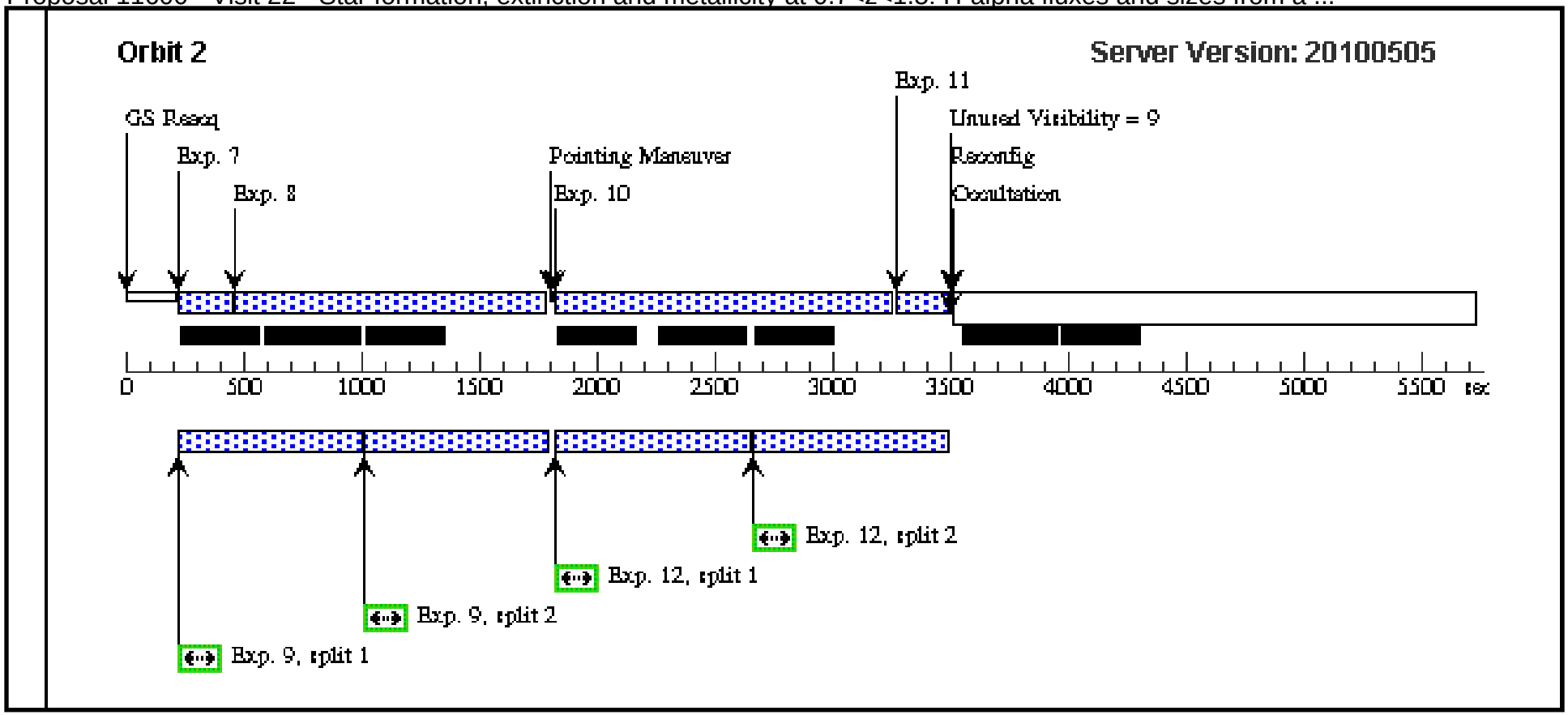
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(22)	GNGRISM26	RA: 12 37 5.3000 (189.2720833d) Dec: +62 17 0.10 (62.28336d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(22) GNGRISM26	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(22) GNGRISM26	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(22) GNGRISM26	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(22) GNGRISM26	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(22) GNGRISM26	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(22) GNGRISM26	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(22) GNGRISM26	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(22) GNGRISM26	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(22) GNGRISM26	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(22) GNGRISM26	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(22) GNGRISM26	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(22) GNGRISM26	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Unused Visibility = 9
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 23, completed Tue Aug 24 01:08:11 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 345.0D TO 15.0 D; ORIENT 165D TO 195 D

Diagnostics

(Visit 23) Warning (Orbit Planner): VISIBILITY OVERRUN

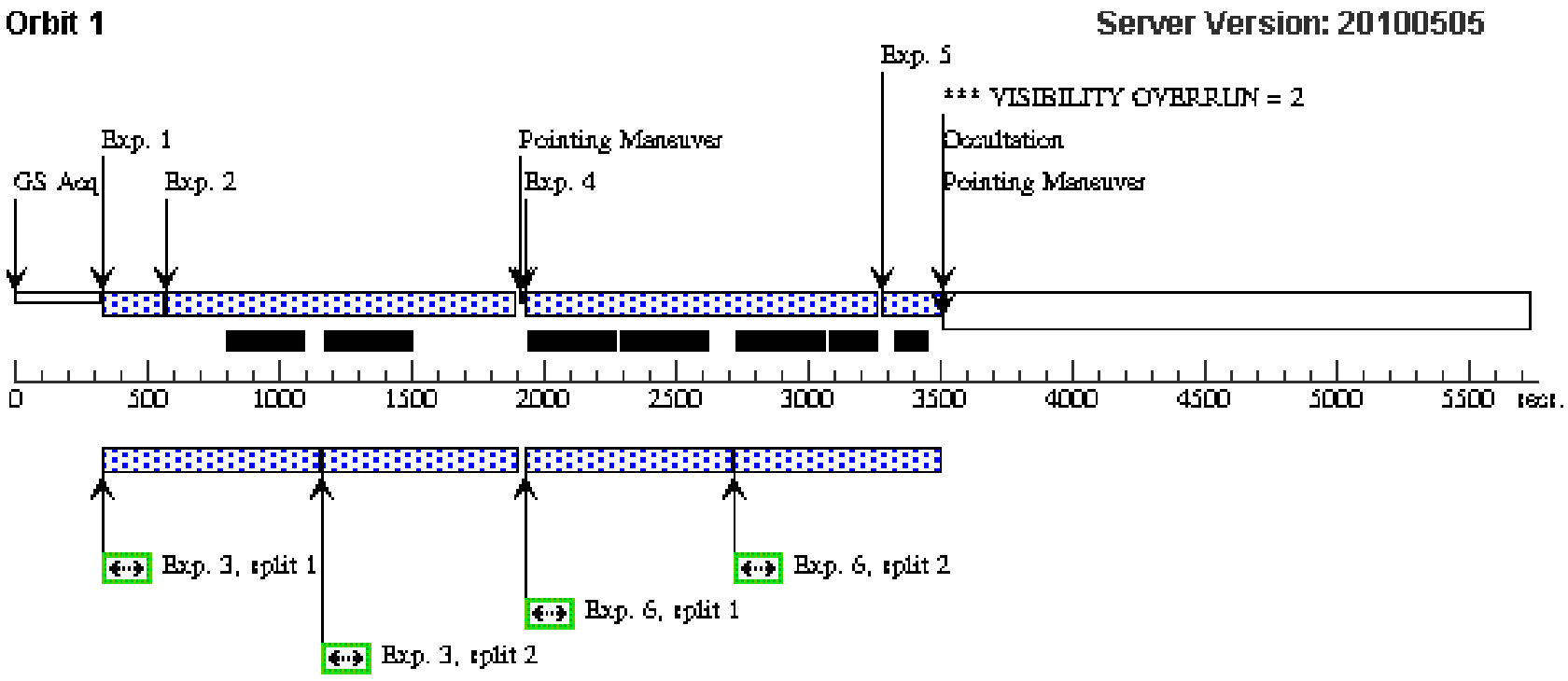
Fixed Targets

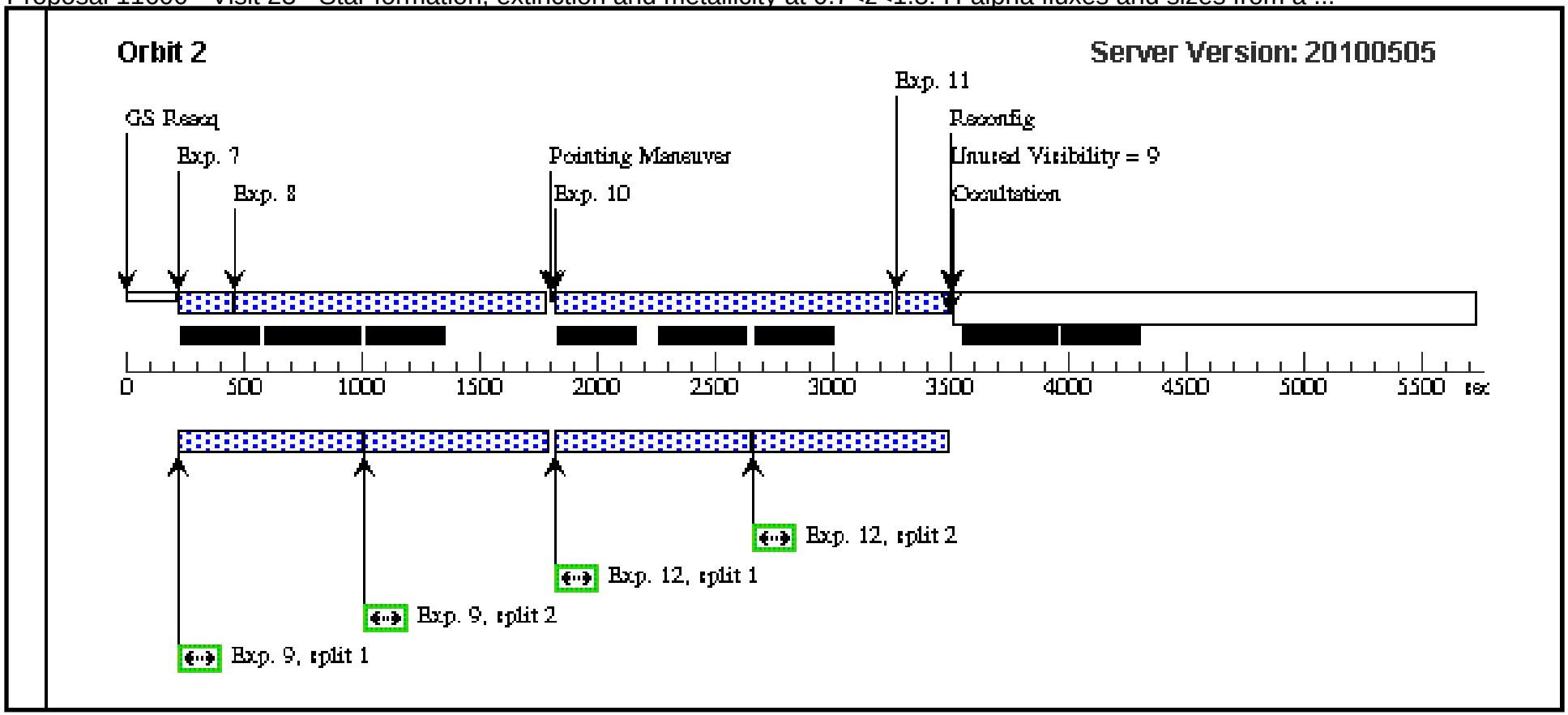
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	GNGRISM27	RA: 12 37 16.7500 (189.3197917d) Dec: +62 18 20.20 (62.30561d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(23) GNGRISM27	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(23) GNGRISM27	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(23) GNGRISM27	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(23) GNGRISM27	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(23) GNGRISM27	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(23) GNGRISM27	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(23) GNGRISM27	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(23) GNGRISM27	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(23) GNGRISM27	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(23) GNGRISM27	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(23) GNGRISM27	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(23) GNGRISM27	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Reconfig
Unused Visibility = 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 24, completed Tue Aug 24 01:08:11 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 345.0D TO 15.0 D; ORIENT 165D TO 195 D

Diagnostics

(Visit 24) Warning (Orbit Planner): VISIBILITY OVERRUN

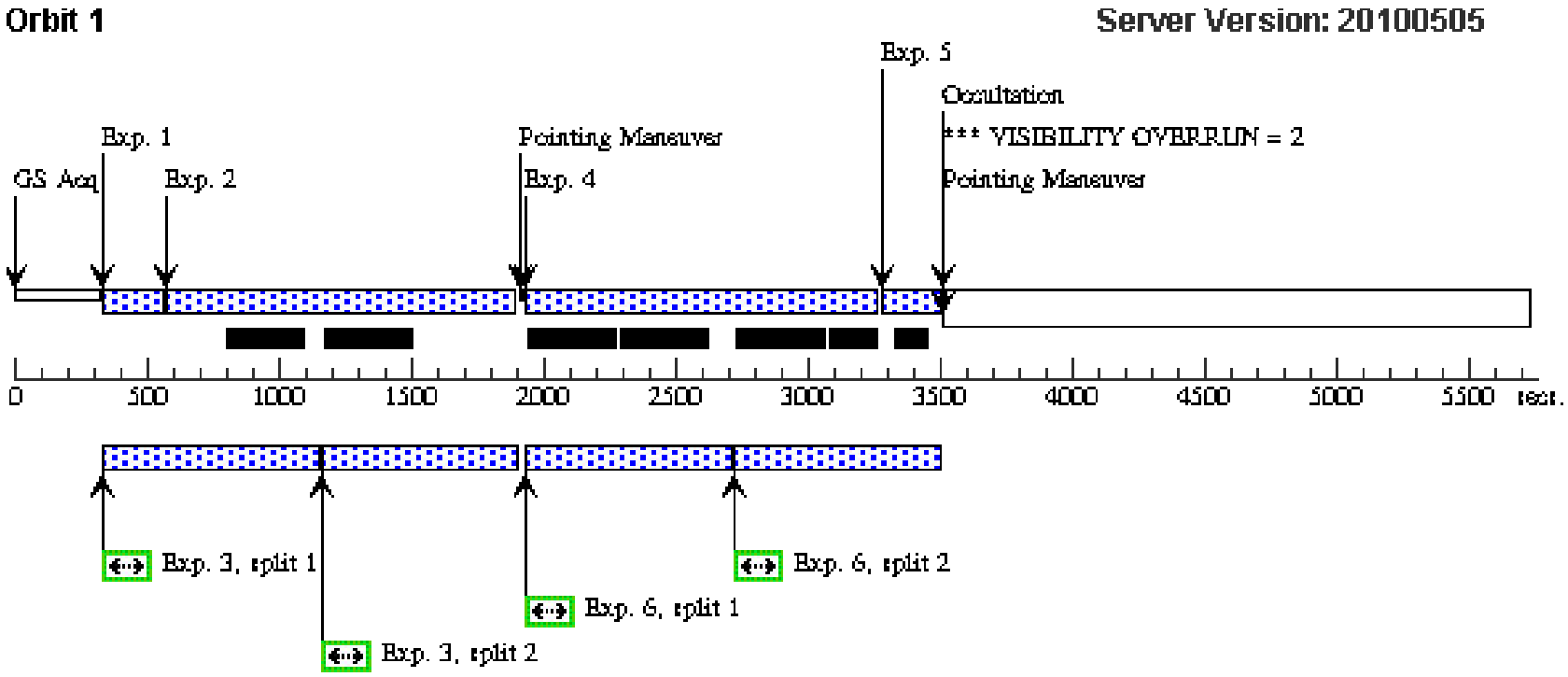
Fixed Targets

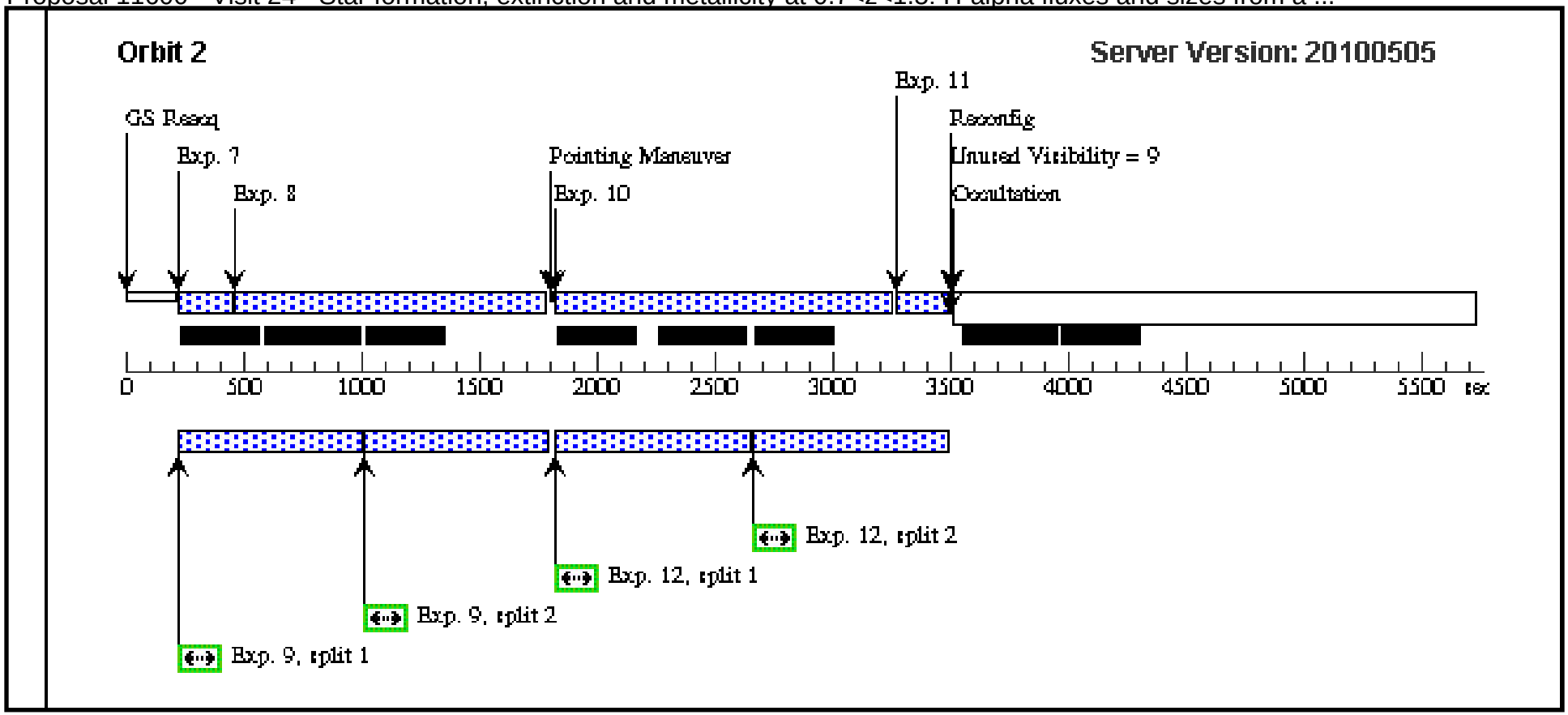
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(24)	GNGRISM28	RA: 12 37 28.2000 (189.3675000d) Dec: +62 19 40.20 (62.32783d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(24) GNGRISM28	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(24) GNGRISM28	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(24) GNGRISM28	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(24) GNGRISM28	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(24) GNGRISM28	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(24) GNGRISM28	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(24) GNGRISM28	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(24) GNGRISM28	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(24) GNGRISM28	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(24) GNGRISM28	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(24) GNGRISM28	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(24) GNGRISM28	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Reconfig
Unused Visibility = 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 25, completed Tue Aug 24 01:08:12 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 345D TO 15 D

Diagnostics

(Visit 25) Warning (Orbit Planner): VISIBILITY OVERRUN

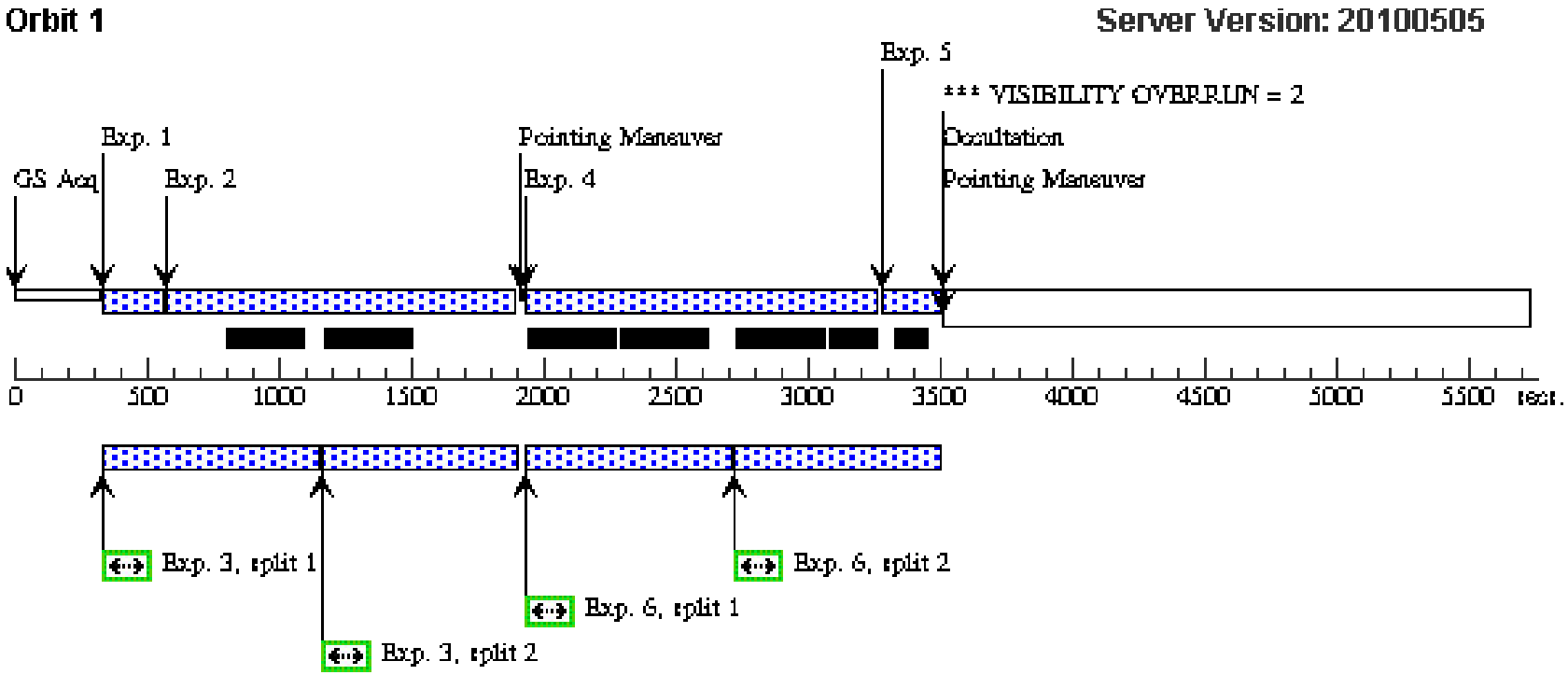
Fixed Targets

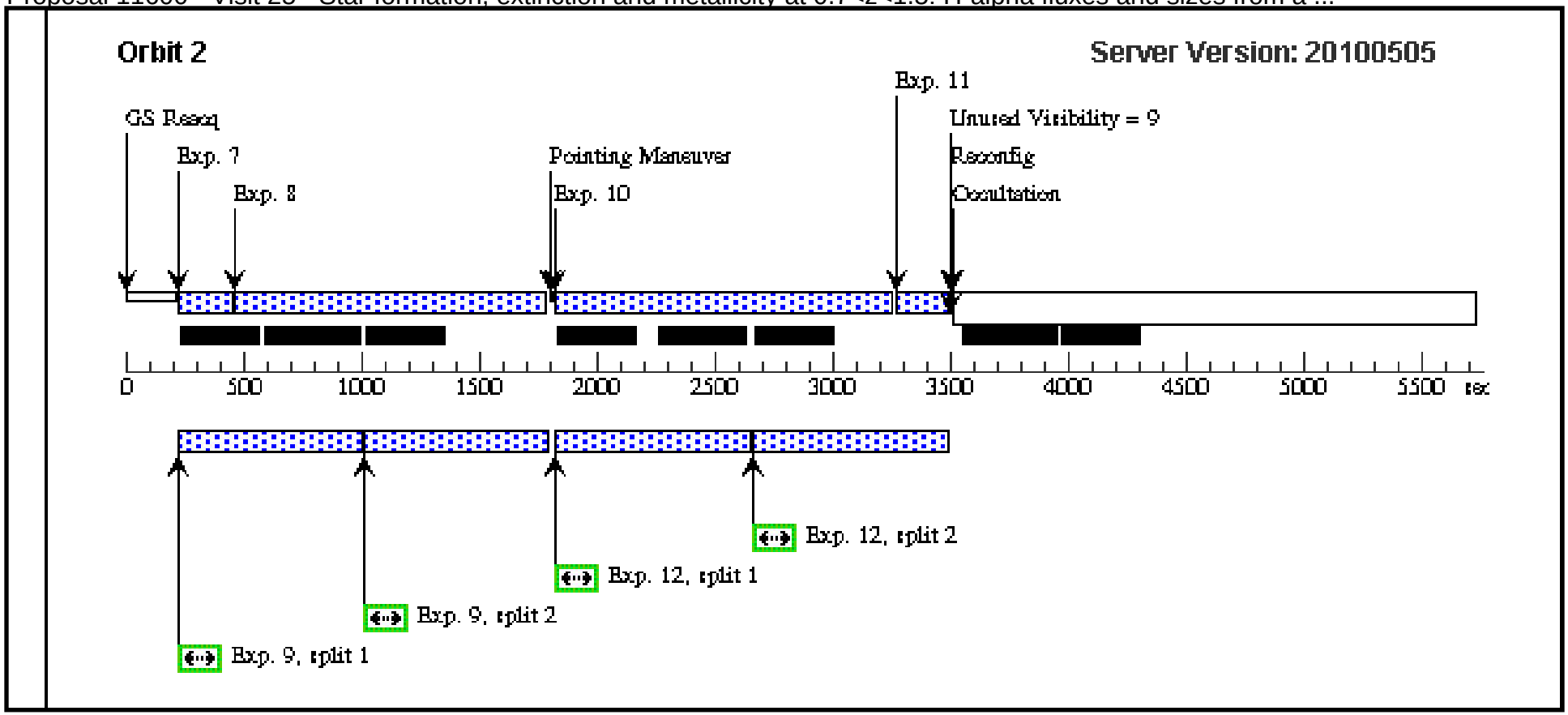
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(25)	GNGRISM35	RA: 12 37 6.9200 (189.2788333d) Dec: +62 14 8.70 (62.23575d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(25) GNGRISM35	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(25) GNGRISM35	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(25) GNGRISM35	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(25) GNGRISM35	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(25) GNGRISM35	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(25) GNGRISM35	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(25) GNGRISM35	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(25) GNGRISM35	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(25) GNGRISM35	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(25) GNGRISM35	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(25) GNGRISM35	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(25) GNGRISM35	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 11
GS Reacq
Unused Visibility = 9
Exp. 7
Pointing Maneuver
Reconfig
Exp. 8
Exp. 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 26, completed Tue Aug 24 01:08:13 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 345.0D TO 15.0 D; ORIENT 165D TO 195 D

Diagnostics

(Visit 26) Warning (Orbit Planner): VISIBILITY OVERRUN

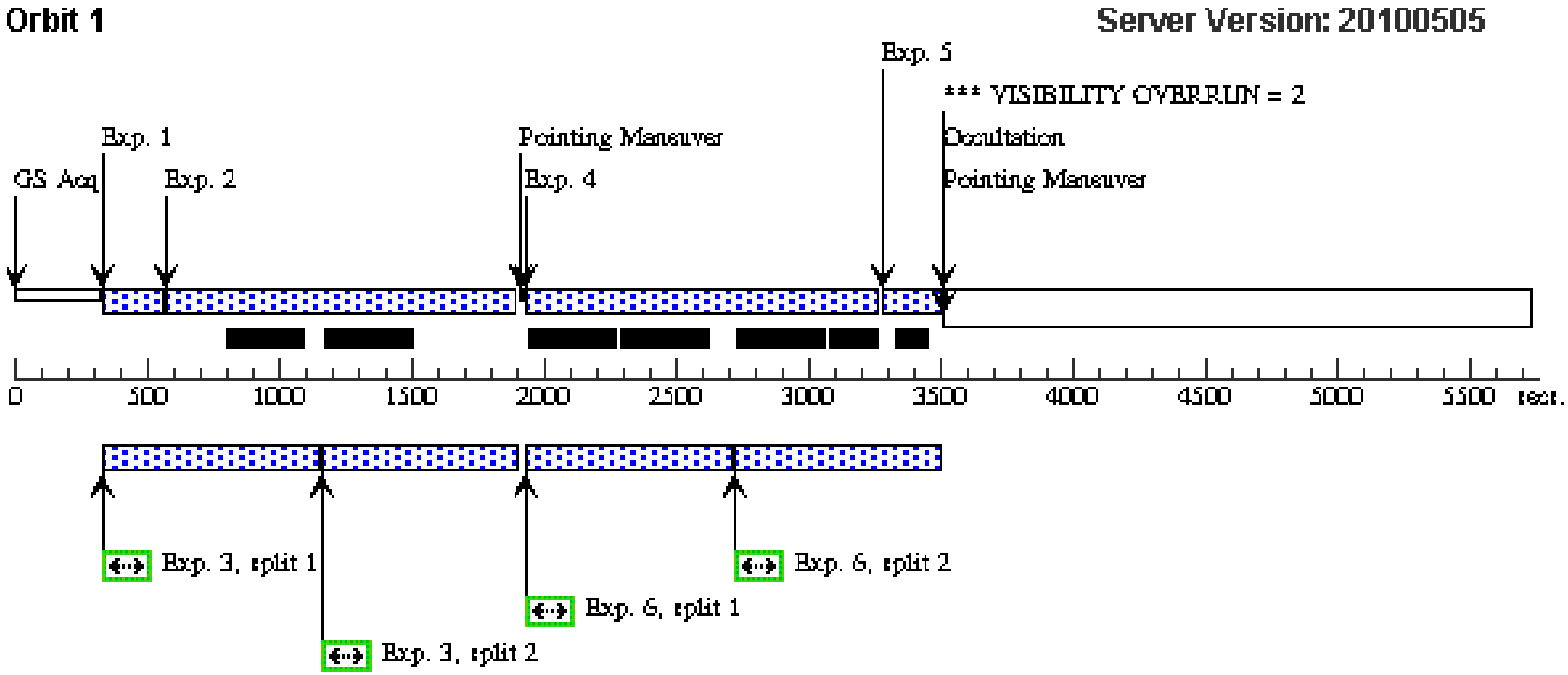
Fixed Targets

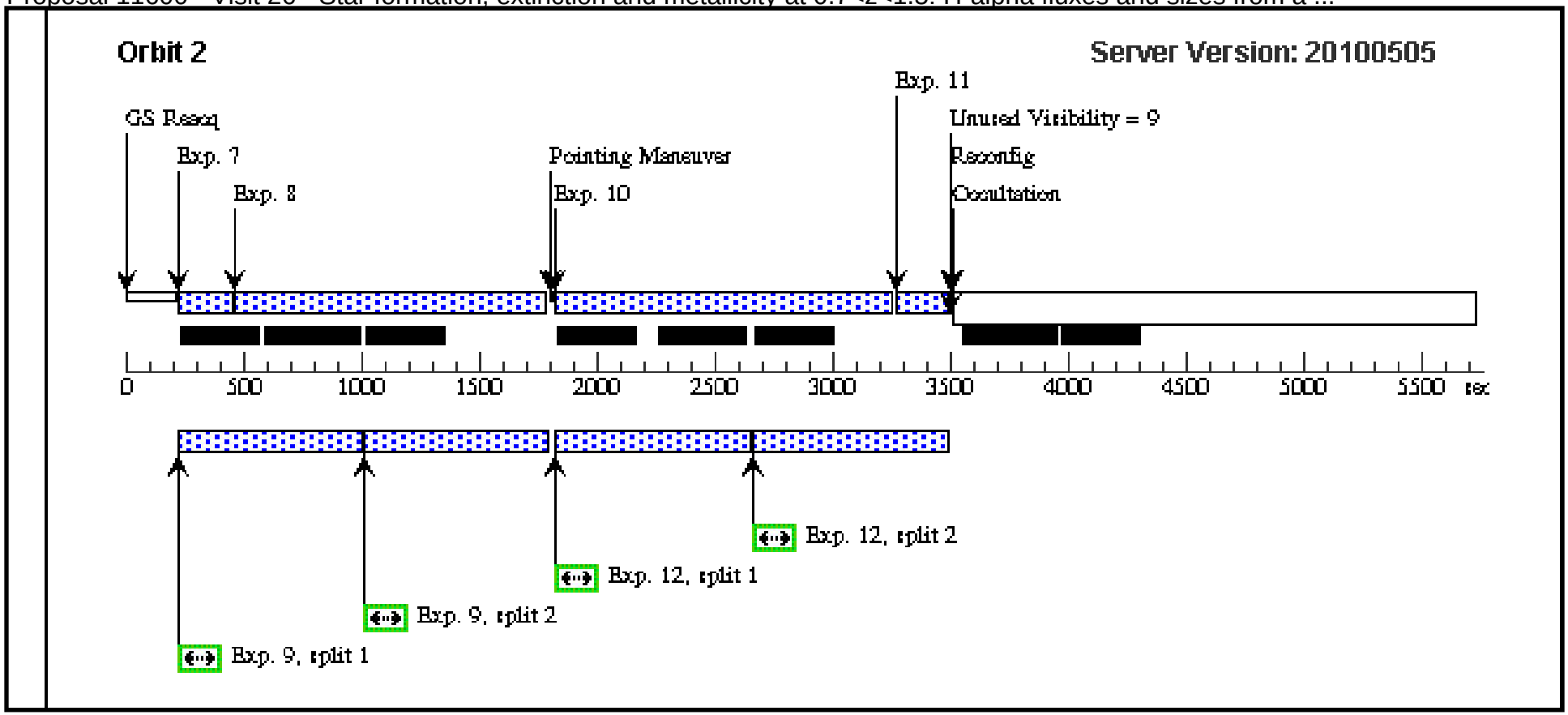
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(26)	GNGRISM36	RA: 12 37 18.3700 (189.3265417d) Dec: +62 15 28.80 (62.25800d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(26) GNGRISM36	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(26) GNGRISM36	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(26) GNGRISM36	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(26) GNGRISM36	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(26) GNGRISM36	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(26) GNGRISM36	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(26) GNGRISM36	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(26) GNGRISM36	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(26) GNGRISM36	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(26) GNGRISM36	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(26) GNGRISM36	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(26) GNGRISM36	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 11
GS Reacq
Unused Visibility = 9
Exp. 7
Pointing Maneuver
Reconfig
Exp. 8
Exp. 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 27, completed Tue Aug 24 01:08:13 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165D TO 195 D

Diagnostics

(Visit 27) Warning (Orbit Planner): VISIBILITY OVERRUN

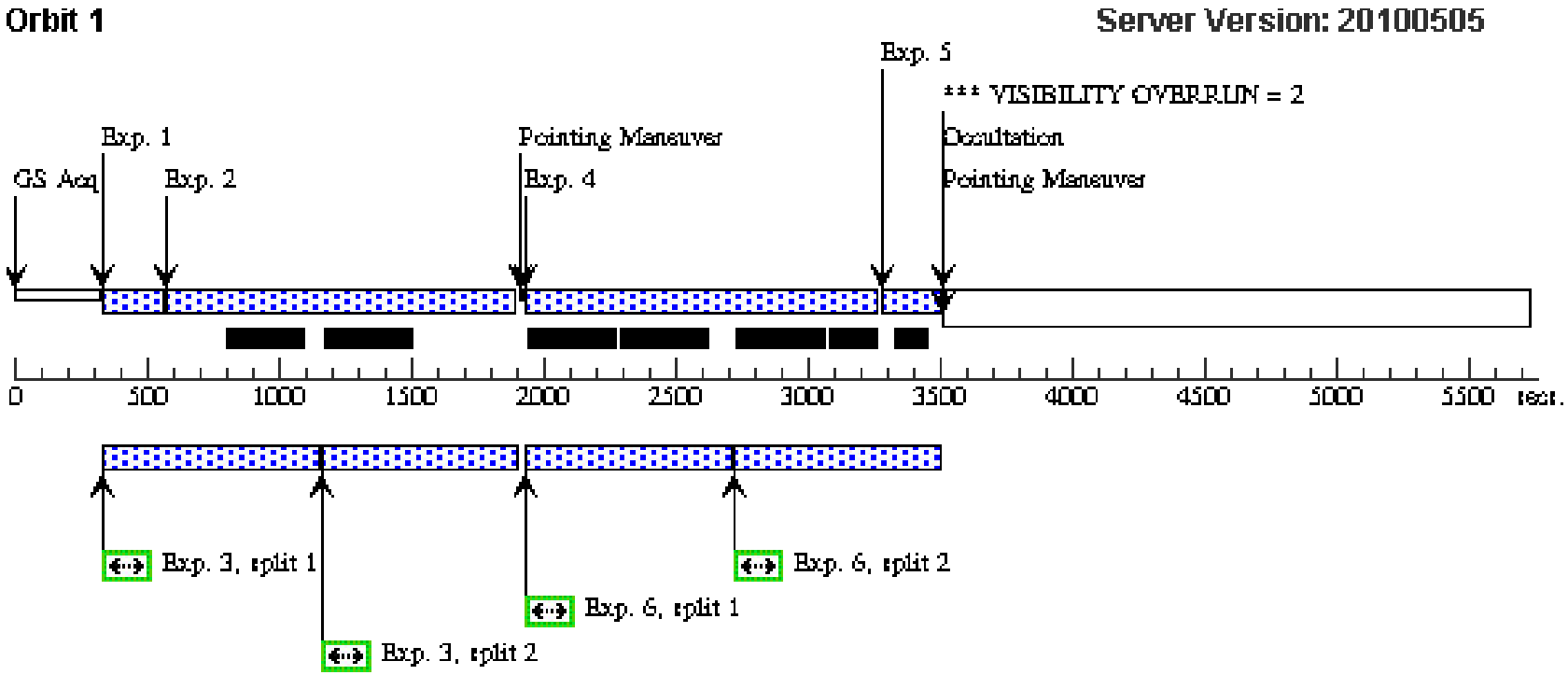
Fixed Targets

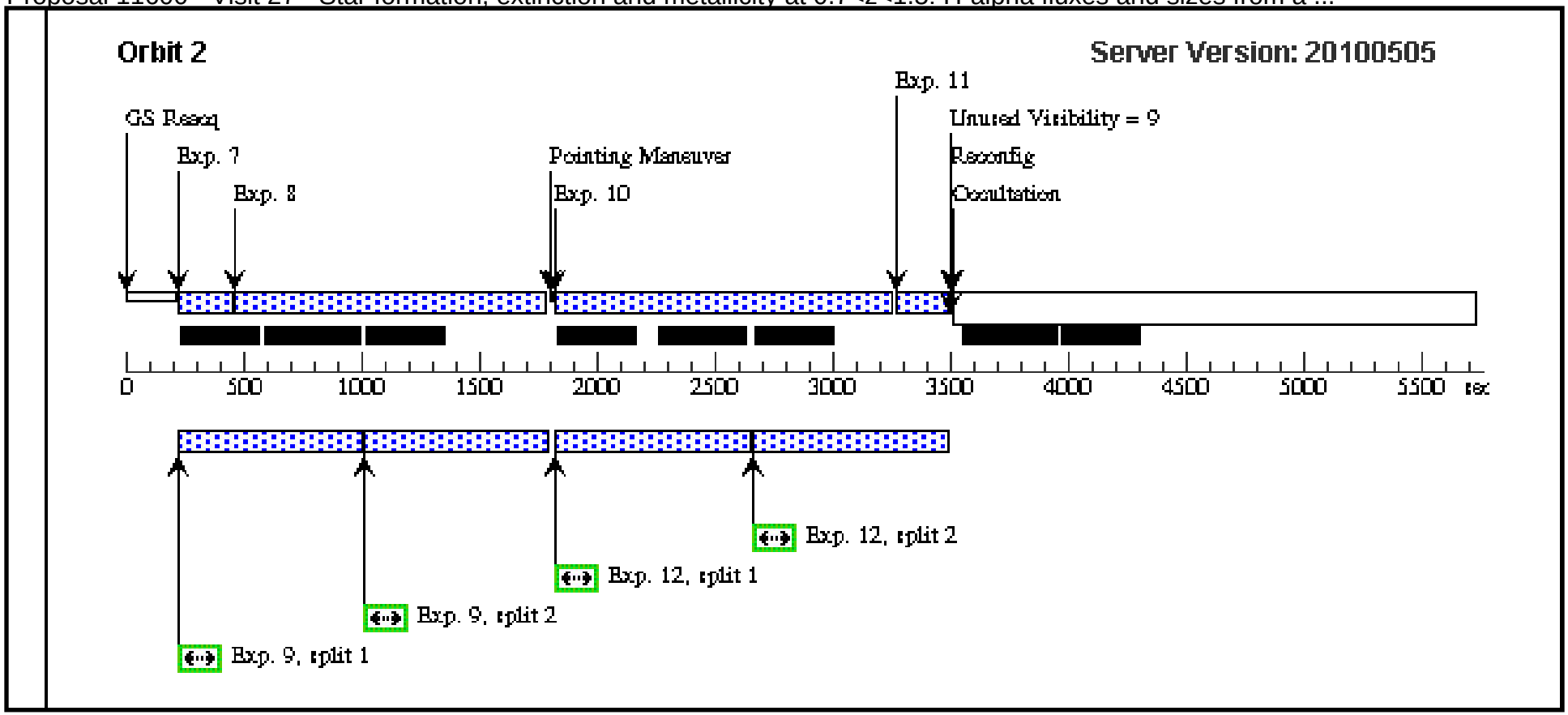
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(27)	GNGRISM45	RA: 12 37 19.9900 (189.3332917d) Dec: +62 12 37.40 (62.21039d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(27) GNGRISM45	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(27) GNGRISM45	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(27) GNGRISM45	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(27) GNGRISM45	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(27) GNGRISM45	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(27) GNGRISM45	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(27) GNGRISM45	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(27) GNGRISM45	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(27) GNGRISM45	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(27) GNGRISM45	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(27) GNGRISM45	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(27) GNGRISM45	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Unused Visibility = 9
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 28, completed Tue Aug 24 01:08:14 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 345.0D TO 15.0 D; ORIENT 165D TO 195 D

Diagnostics

(Visit 28) Warning (Orbit Planner): VISIBILITY OVERRUN

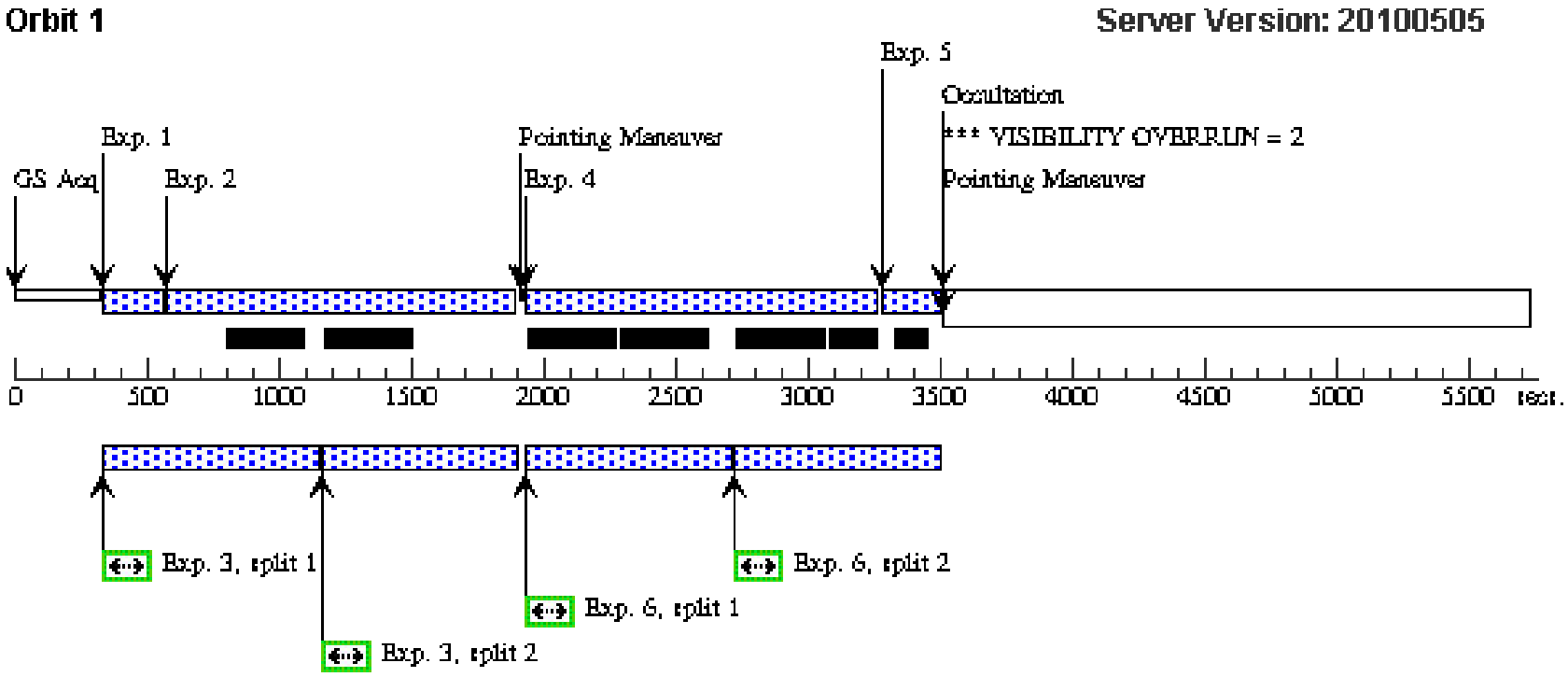
Fixed Targets

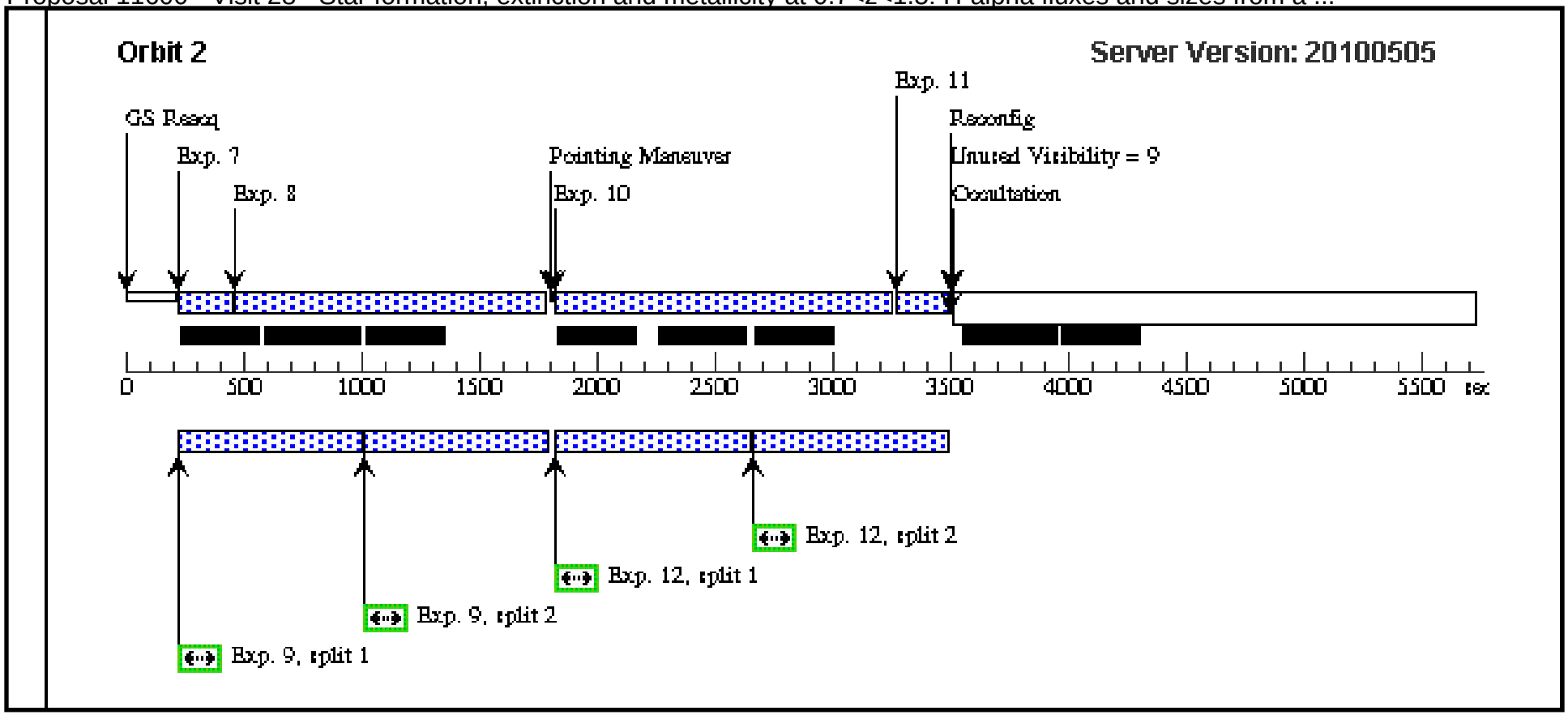
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(28)	GNGRISM46	RA: 12 37 31.4500 (189.3810417d) Dec: +62 13 57.40 (62.23261d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(28) GNGRISM46	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
2		(28) GNGRISM46	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0	Prime + Parallel Group 1-3	*[==>]*	***[1]***
3		(28) GNGRISM46	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-3	960.0 Secs *[==>612.0 Secs (Split 1)]* *[==>612.0 Secs (Split 2)]*	***[1]***
4		(28) GNGRISM46	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
5		(28) GNGRISM46	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 4-6	*[==>]*	***[1]***
6		(28) GNGRISM46	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 4-6	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[1]***
7		(28) GNGRISM46	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
8		(28) GNGRISM46	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.27,0.6655	Prime + Parallel Group 7-9	*[==>]*	***[2]***
9		(28) GNGRISM46	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 7-9	960.0 Secs *[==>653.0 Secs (Split 1)]* *[==>653.0 Secs (Split 2)]*	***[2]***
10		(28) GNGRISM46	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=15	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
11		(28) GNGRISM46	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12	*[==>]*	***[2]***
12		(28) GNGRISM46	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 10-12	960.0 Secs *[==>703.0 Secs (Split 1)]* *[==>703.0 Secs (Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
GS Reacq
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 10
Exp. 11
Reconfig
Unused Visibility = 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12, split 2
Exp. 12, split 1
Exp. 9, split 2
Exp. 9, split 1

Visit

Proposal 11600, Visit 41, implementation Tue Aug 24 01:08:14 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Comments: This is a redo of two bad exposures from visit 01.

Diagnostics

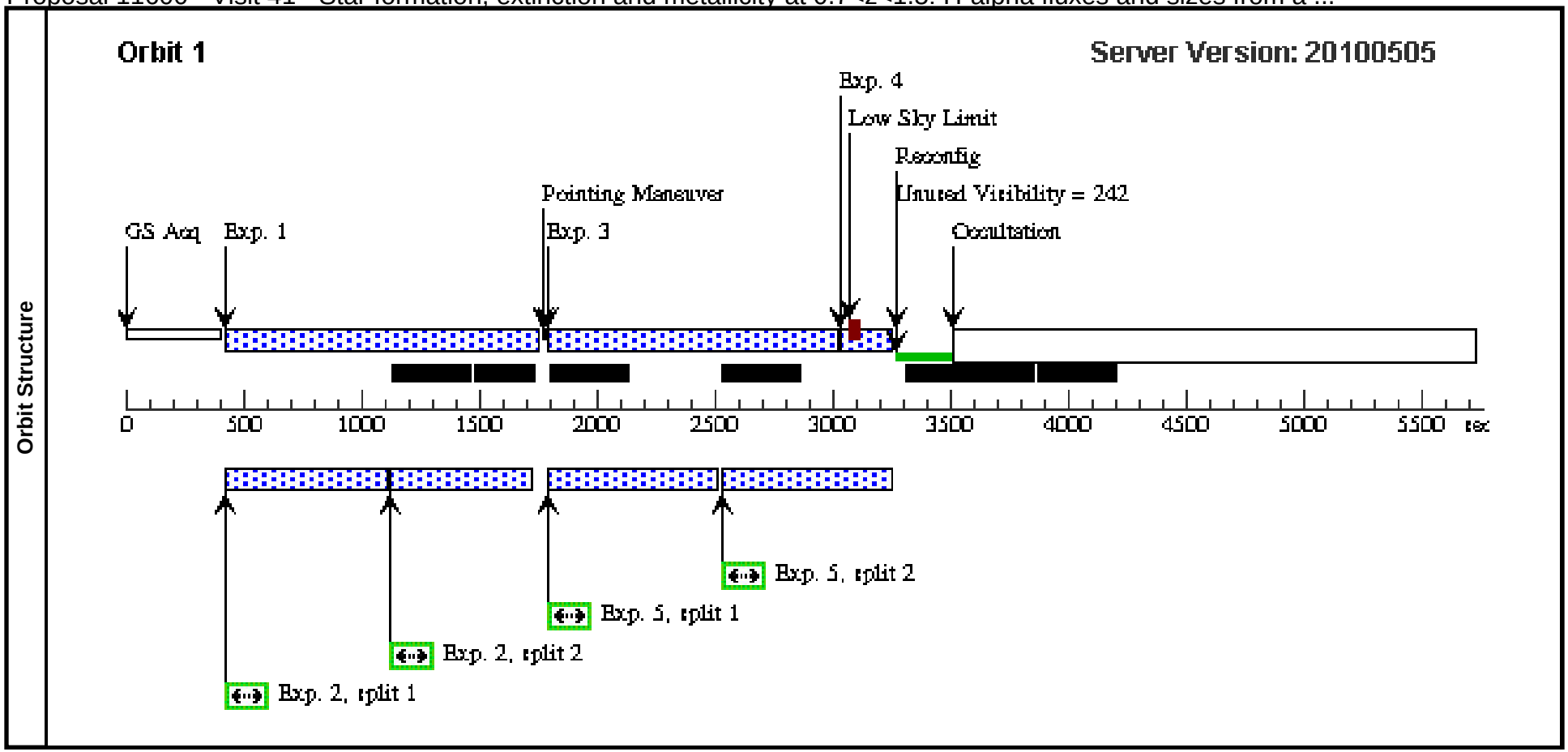
(Visit 41) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GNGRISM11	RA: 12 35 54.9800 (188.9790833d) Dec: +62 11 51.30 (62.19758d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) GNGRISM11	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815; LOW-SKY; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2	*[==>]*	***[1]***
2		(1) GNGRISM11	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-2	960 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
3		(1) GNGRISM11	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=13	POS TARG -0.3375, 0.4840; LOW-SKY	Prime + Parallel Group 3-5	*[==>]*	***[1]***
4		(1) GNGRISM11	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375, 0.4840	Prime + Parallel Group 3-5	*[==>]*	***[1]***
5		(1) GNGRISM11	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 3-5	1200 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***


Orbit 1
Server Version: 20100505
Orbit Structure
Exp. 4
Low Sky Limit
Reconfig
Unused Visibility = 242
Pointing Maneuver
GS Acq
Exp. 1
Exp. 3
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 5, split 2
Exp. 5, split 1
Exp. 2, split 2
Exp. 2, split 1

Visit

Proposal 11600, Visit 42, implementation Tue Aug 24 01:08:15 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Comments: This is a redo of two bad exposures from visit 02.

Diagnostics

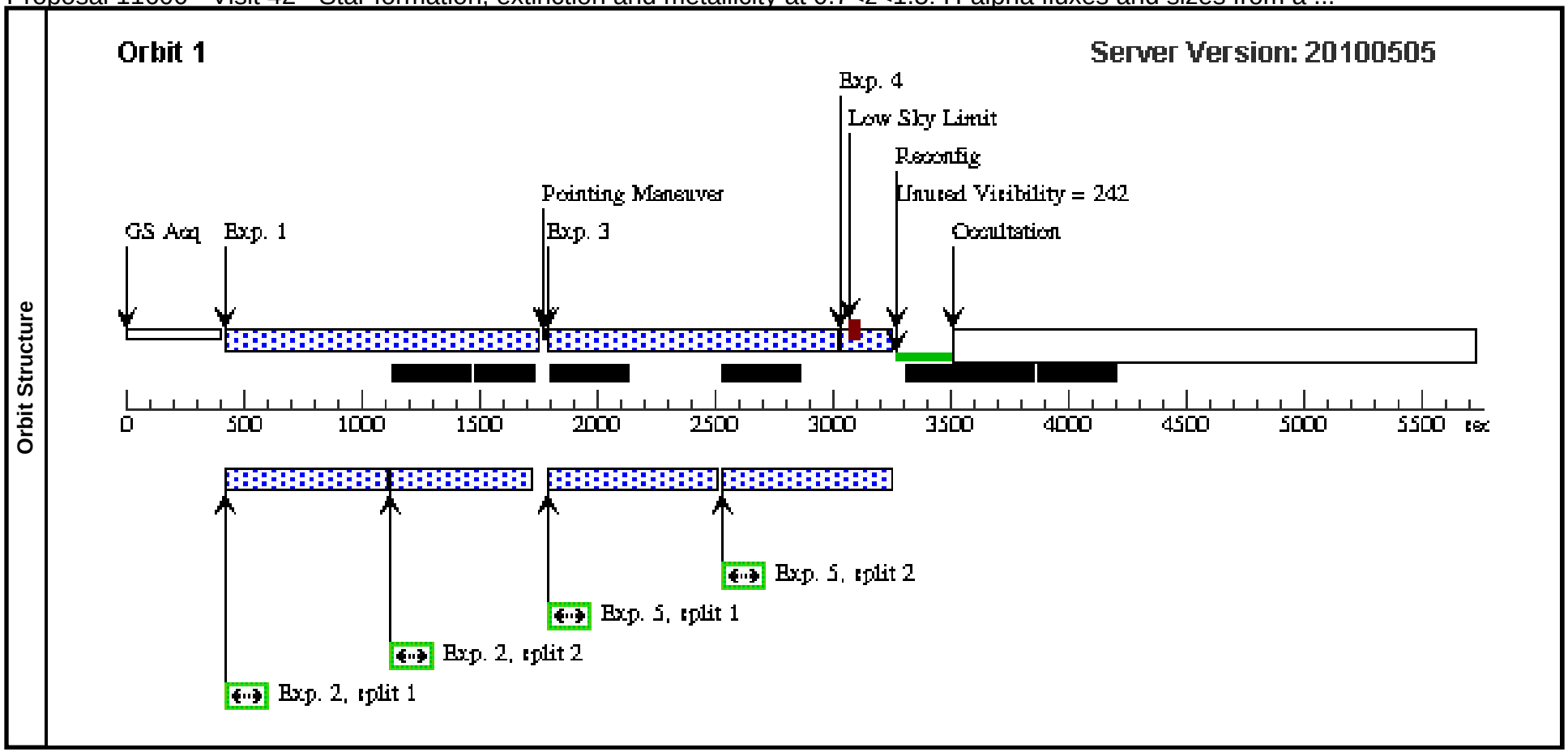
(Visit 42) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	GNGRISM12	RA: 12 36 6.4300 (189.0267917d) Dec: +62 13 11.30 (62.21981d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(2) GNGRISM12	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.6075,0.1815; LOW-SKY	Prime + Parallel Group 1-2	*[==>]*	***[1]***
2		(2) GNGRISM12	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-2	960 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
3		(2) GNGRISM12	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=13	POS TARG -0.3375,0.4840; LOW-SKY	Prime + Parallel Group 3-5	*[==>]*	***[1]***
4		(2) GNGRISM12	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.4840	Prime + Parallel Group 3-5	*[==>]*	***[1]***
5		(2) GNGRISM12	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 3-5	1200 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***


Orbit 1
Server Version: 20100505
Orbit Structure
Exp. 4
Low Sky Limit
Reconfig
Unused Visibility = 242
Pointing Maneuver
GS Acq
Exp. 1
Exp. 3
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 5, split 2
Exp. 5, split 1
Exp. 2, split 2
Exp. 2, split 1

Visit

Proposal 11600, Visit 43, implementation Tue Aug 24 01:08:15 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Comments: This is a redo of visit 03.

Diagnostics

(Visit 43) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 43) Warning (Orbit Planner): VISIBILITY OVERRUN

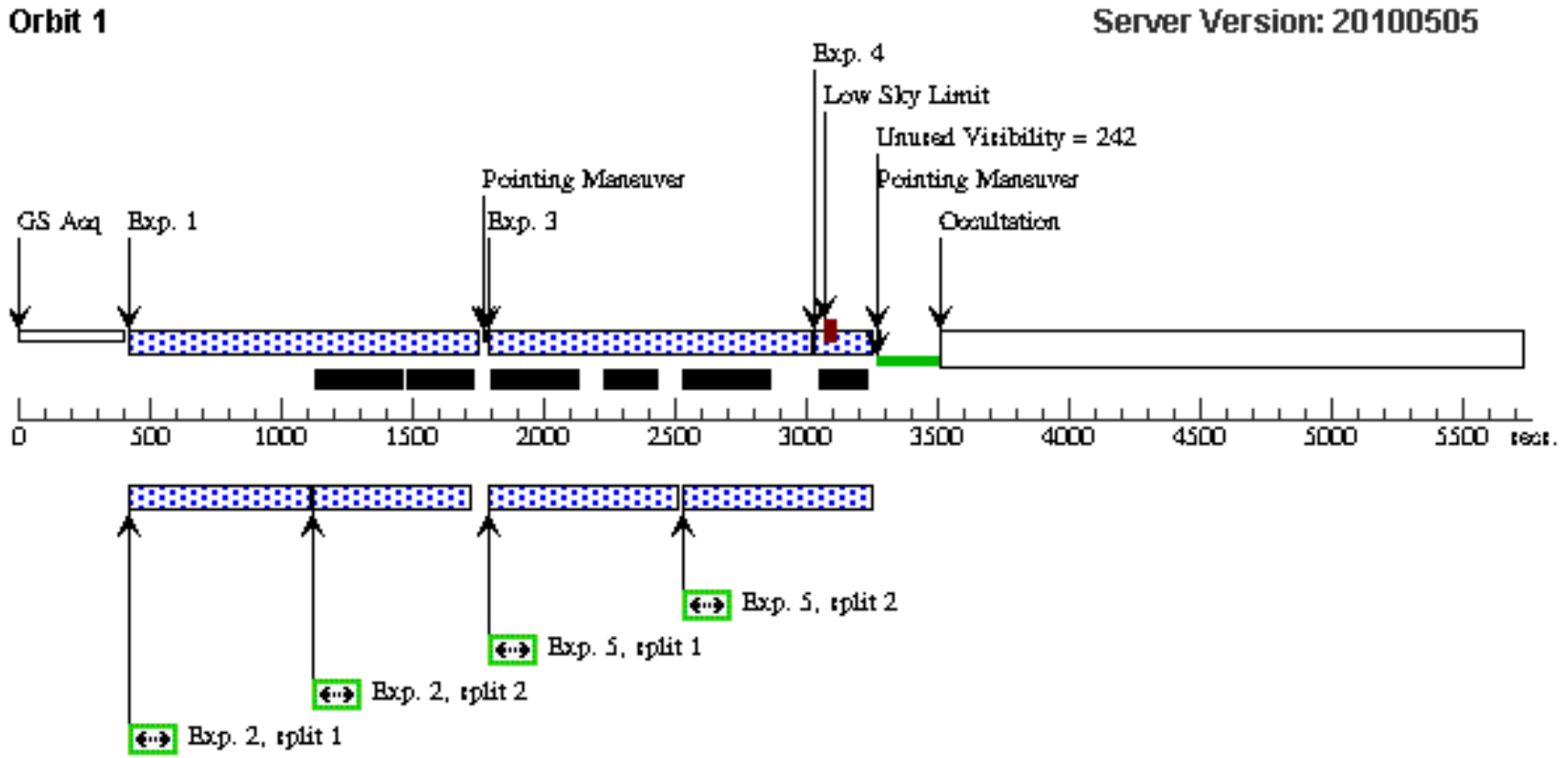
Fixed Targets

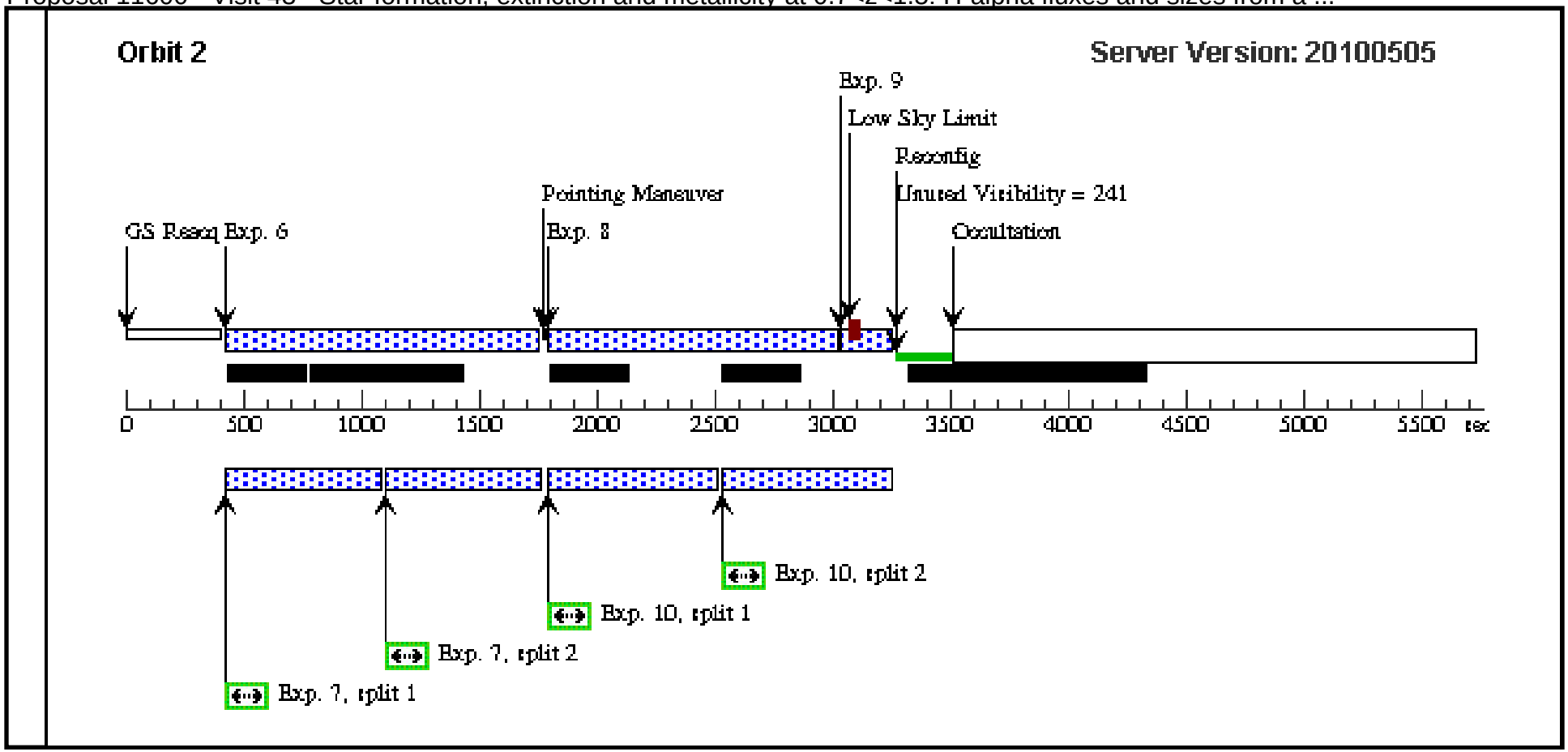
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	GNGRISM13	RA: 12 36 17.8900 (189.0745417d) Dec: +62 14 31.40 (62.24206d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(3) GNGRISM13	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0; LOW-SKY	Prime + Parallel Group 1-2	*[==>]*	***[1]***
2		(3) GNGRISM13	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-2	960 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
3		(3) GNGRISM13	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=13	POS TARG 0.6075,0.1815; LOW-SKY	Prime + Parallel Group 3-5	*[==>]*	***[1]***
4		(3) GNGRISM13	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 3-5	*[==>]*	***[1]***
5		(3) GNGRISM13	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 3-5	1200 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
6		(3) GNGRISM13	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.2700,0.6655; LOW-SKY	Prime + Parallel Group 6-7	*[==>]*	***[2]***
7		(3) GNGRISM13	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 6-7	1070 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
8		(3) GNGRISM13	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=13	POS TARG -0.3375,0.4840; LOW-SKY	Prime + Parallel Group 8-10	*[==>]*	***[2]***
9		(3) GNGRISM13	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.4840	Prime + Parallel Group 8-10	*[==>]*	***[2]***
10		(3) GNGRISM13	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 8-10	1200 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 9
Low Sky Limit
Reconfig
Unused Visibility = 241
Occultation
Pointing Maneuver
Exp. 8
GS Reacq Exp. 6
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 10, split 2
Exp. 10, split 1
Exp. 7, split 2
Exp. 7, split 1

Visit

Proposal 11600, Visit 44, implementation Tue Aug 24 01:08:16 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 160.0D TO 195.0 D

Comments: This is a redo of visit 04.

Diagnostics

(Visit 44) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 44) Warning (Orbit Planner): VISIBILITY OVERRUN

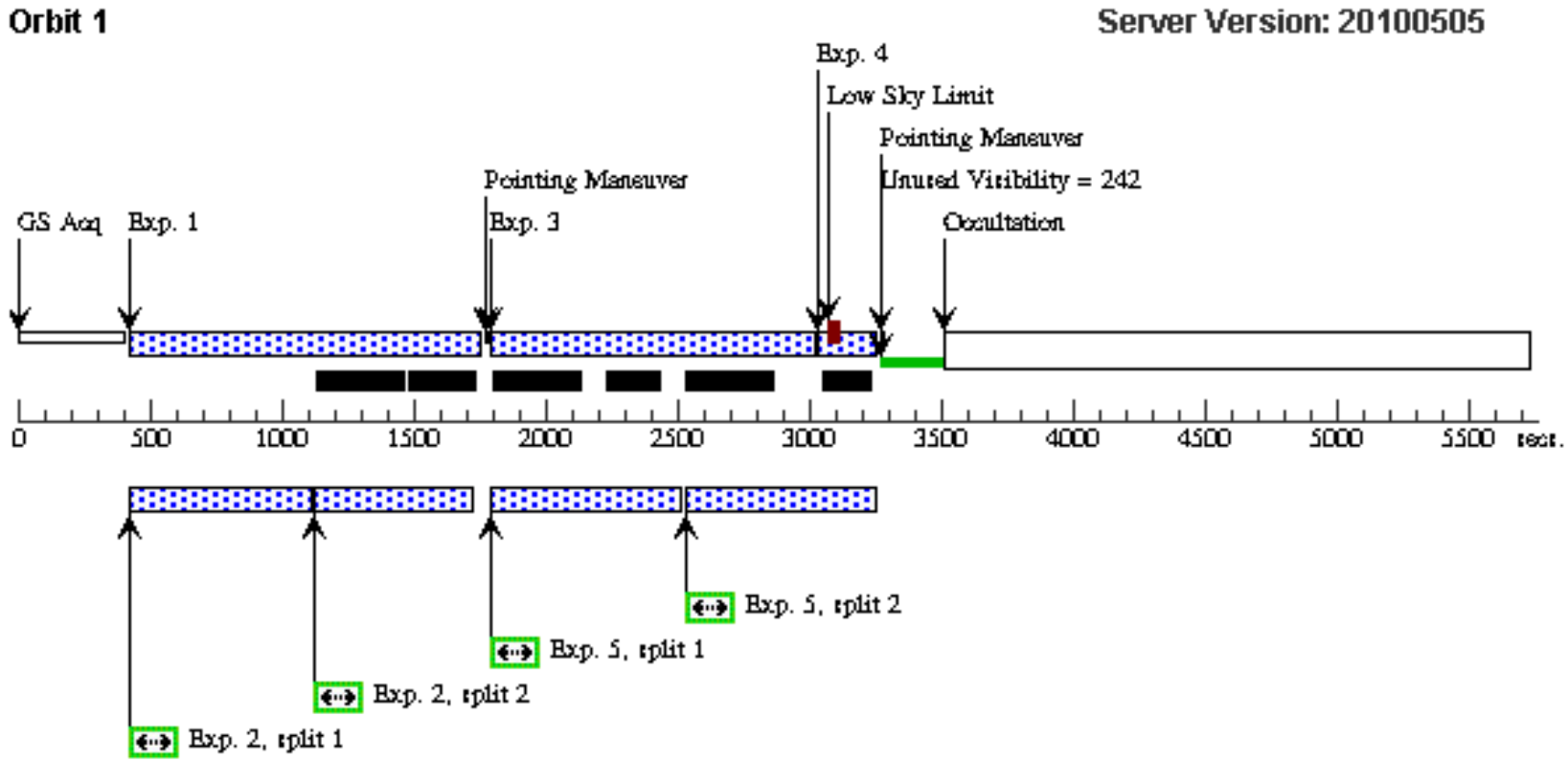
Fixed Targets

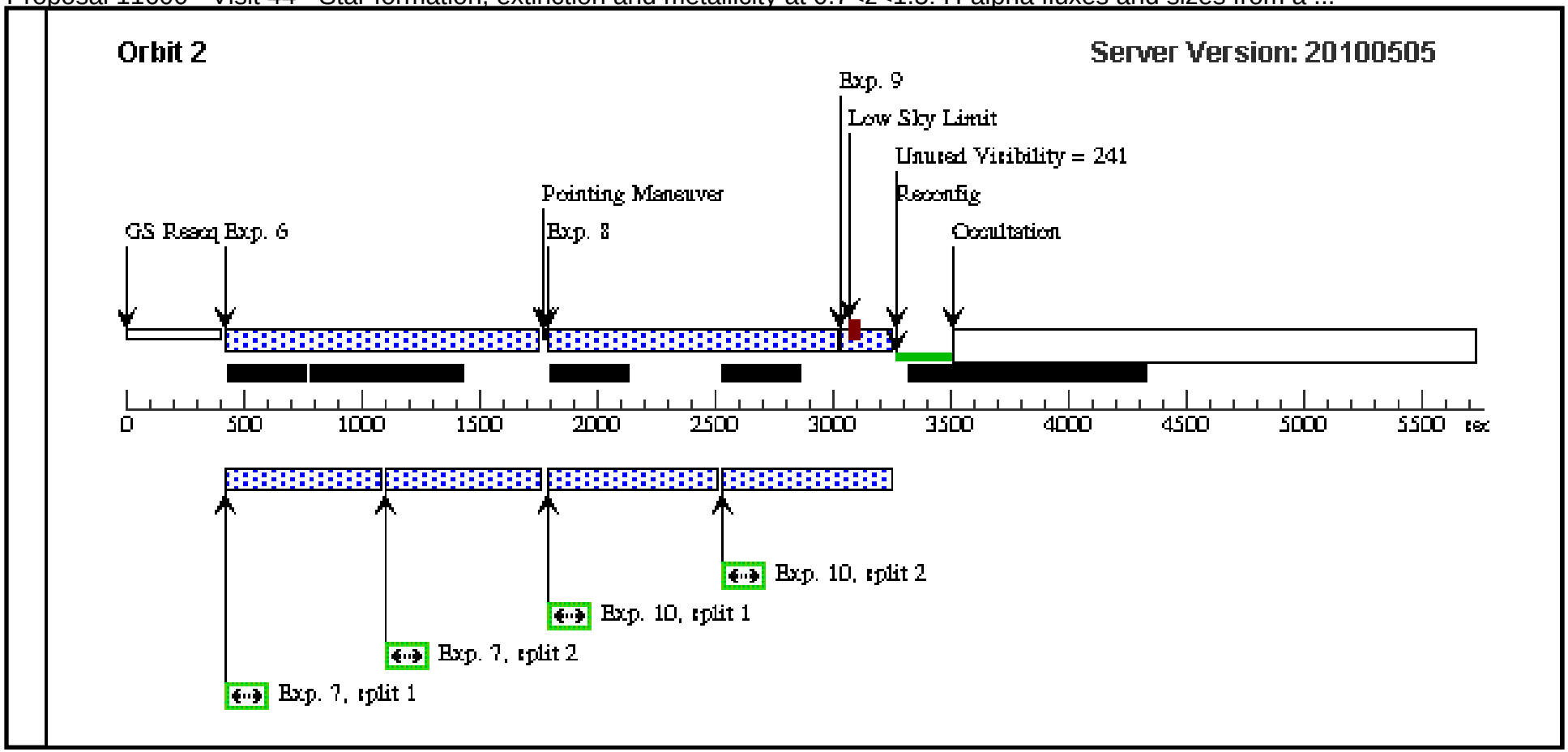
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	GNGRISM14	RA: 12 36 29.3300 (189.1222083d) Dec: +62 15 51.40 (62.26428d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(4) GNGRISM14	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0; LOW-SKY	Prime + Parallel Group 1-2	*[==>]*	***[1]***
2		(4) GNGRISM14	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-2	960 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
3		(4) GNGRISM14	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=13	POS TARG 0.6075,0.1815; LOW-SKY	Prime + Parallel Group 3-5	*[==>]*	***[1]***
4		(4) GNGRISM14	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 3-5	*[==>]*	***[1]***
5		(4) GNGRISM14	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 3-5	1200 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
6		(4) GNGRISM14	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.2700,0.6655; LOW-SKY	Prime + Parallel Group 6-7	*[==>]*	***[2]***
7		(4) GNGRISM14	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 6-7	1070 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
8		(4) GNGRISM14	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=13	POS TARG -0.3375,0.4840; LOW-SKY	Prime + Parallel Group 8-10	*[==>]*	***[2]***
9		(4) GNGRISM14	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.4840	Prime + Parallel Group 8-10	*[==>]*	***[2]***
10		(4) GNGRISM14	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 8-10	1200 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 9
Low Sky Limit
Untried Visibility = 241
Reconfig
Occultation
Pointing Maneuver
Exp. 8
GS Reacq Exp. 6
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 10, split 2
Exp. 10, split 1
Exp. 7, split 2
Exp. 7, split 1

Visit

Proposal 11600, Visit 45, implementation Tue Aug 24 01:08:17 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Comments: This is a redo of two bad exposures from visit 05.

Diagnostics

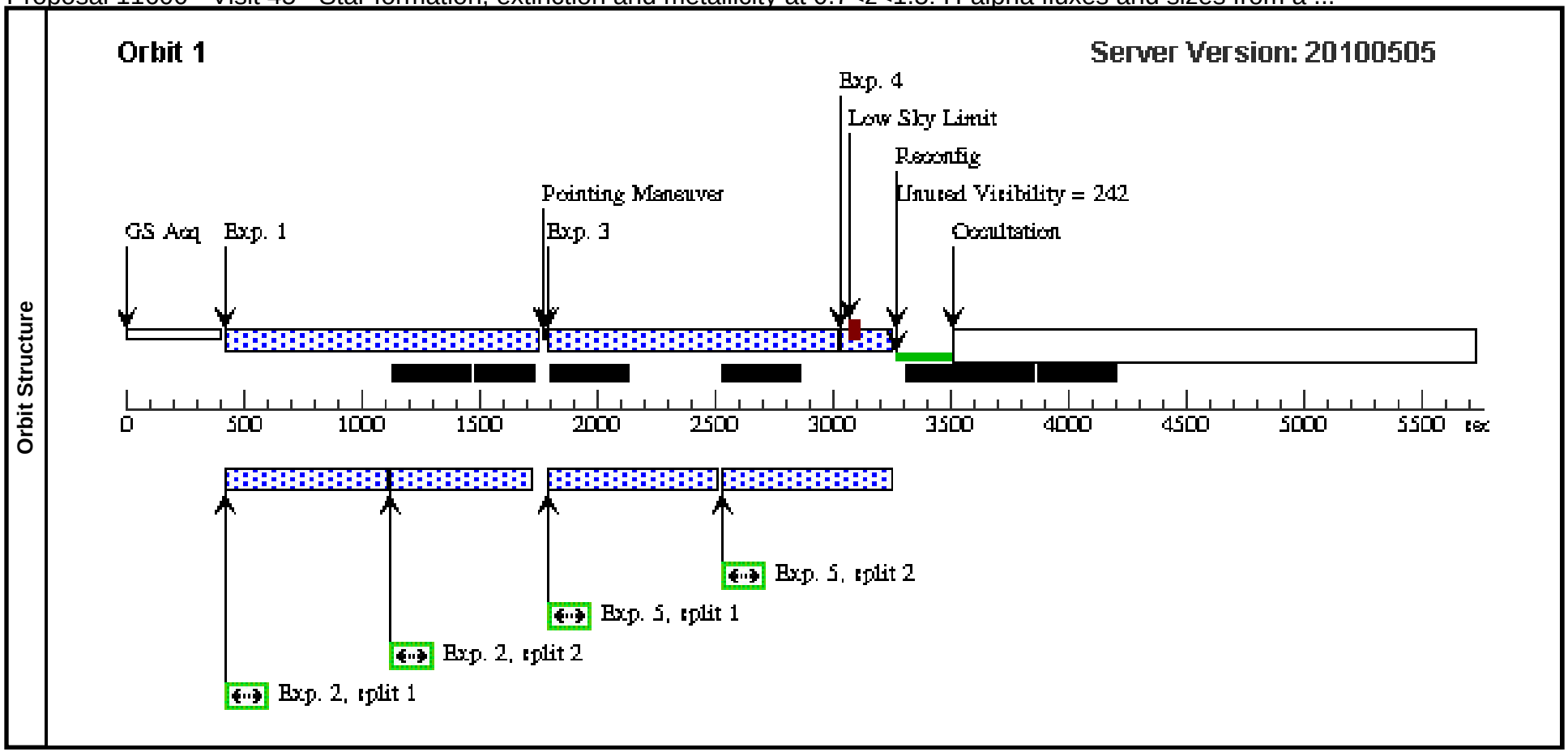
(Visit 45) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	GNGRISM21	RA: 12 36 8.0500 (189.0335417d) Dec: +62 10 20.00 (62.17222d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(5) GNGRISM21	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0; LOW-SKY; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2	*[==>]*	***[1]***
2		(5) GNGRISM21	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-2	960 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
3		(5) GNGRISM21	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=13	POS TARG -0.3375, 0.4840; LOW-SKY	Prime + Parallel Group 3-5	*[==>]*	***[1]***
4		(5) GNGRISM21	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375, 0.4840	Prime + Parallel Group 3-5	*[==>]*	***[1]***
5		(5) GNGRISM21	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 3-5	1200 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***


Orbit Structure
Orbit 1
Server Version: 20100505
Exp. 4
Low Sky Limit
Reconfig
Unused Visibility = 242
Occultation
Pointing Maneuver
GS Acq
Exp. 1
Exp. 3
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 5, split 2
Exp. 5, split 1
Exp. 2, split 2
Exp. 2, split 1

Visit

Proposal 11600, Visit 46, implementation Tue Aug 24 01:08:17 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Comments: This is a redo of visit 06.

Diagnostics

(Visit 46) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 46) Warning (Orbit Planner): VISIBILITY OVERRUN

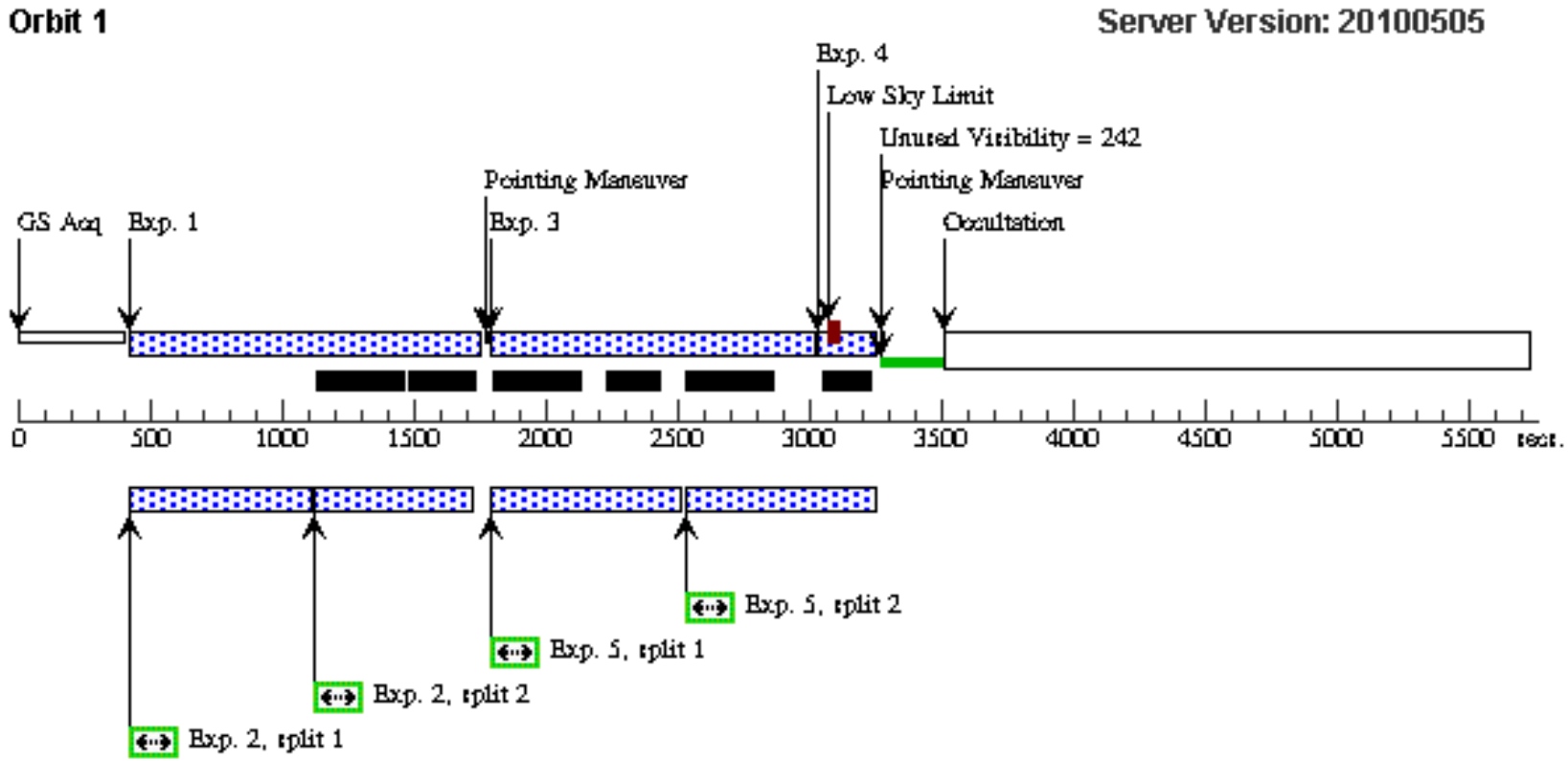
Fixed Targets

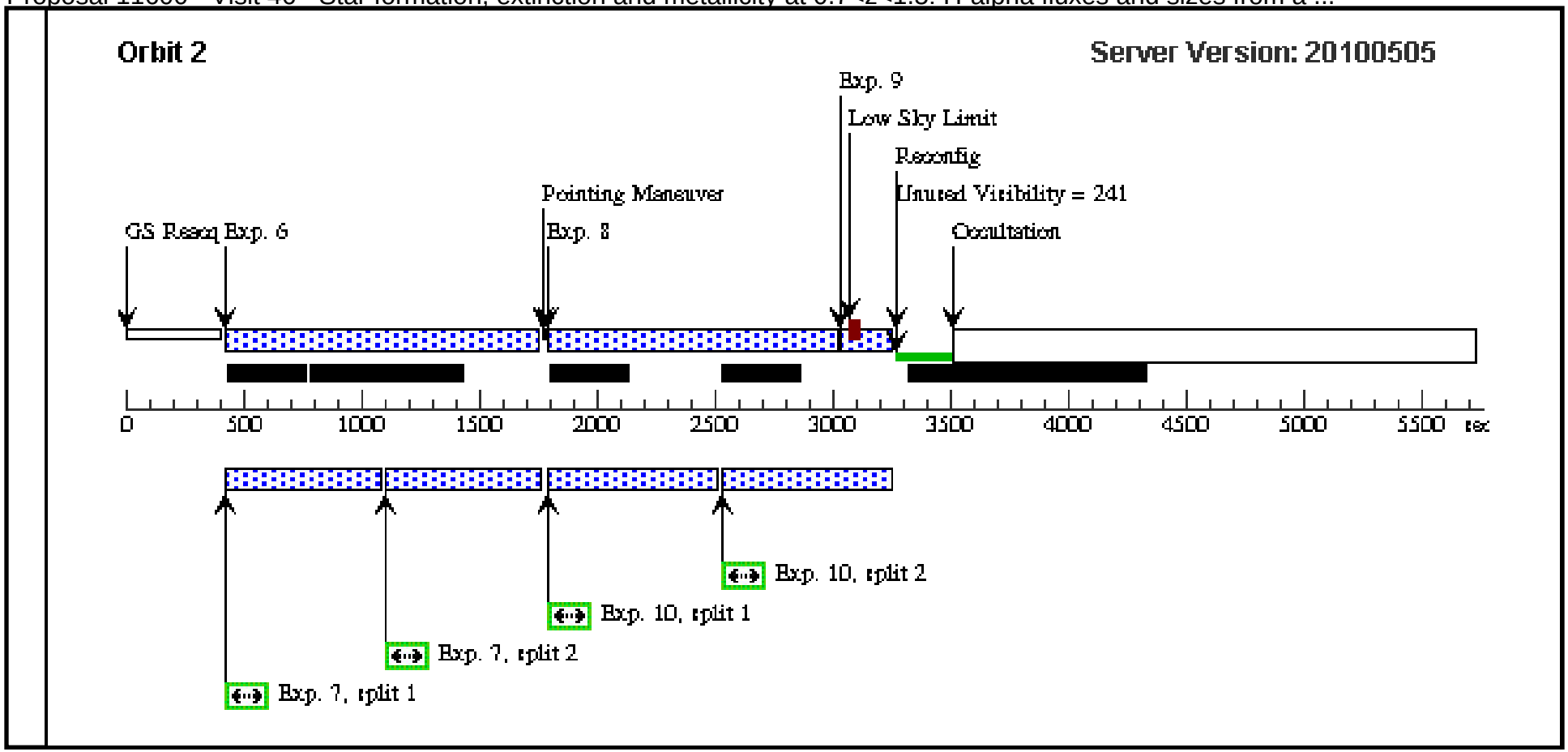
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	GNGRISM22	RA: 12 36 19.5000 (189.0812500d) Dec: +62 11 40.00 (62.19444d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(6) GNGRISM22	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0; LOW-SKY; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2	*[==>]*	***[1]***
2		(6) GNGRISM22	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-2	960 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
3		(6) GNGRISM22	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=13	POS TARG 0.6075,0.1815; LOW-SKY	Prime + Parallel Group 3-5	*[==>]*	***[1]***
4		(6) GNGRISM22	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 3-5	*[==>]*	***[1]***
5		(6) GNGRISM22	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 3-5	1200 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
6		(6) GNGRISM22	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.2700,0.6655; LOW-SKY	Prime + Parallel Group 6-7	*[==>]*	***[2]***
7		(6) GNGRISM22	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 6-7	1070 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
8		(6) GNGRISM22	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=13	POS TARG -0.3375,0.4840; LOW-SKY	Prime + Parallel Group 8-10	*[==>]*	***[2]***
9		(6) GNGRISM22	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.4840	Prime + Parallel Group 8-10	*[==>]*	***[2]***
10		(6) GNGRISM22	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 8-10	1200 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 9
Low Sky Limit
Reconfig
Unused Visibility = 241
Occultation
Pointing Maneuver
Exp. 8
GS Reacq Exp. 6
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 10, split 2
Exp. 10, split 1
Exp. 7, split 2
Exp. 7, split 1

Visit

Proposal 11600, Visit 47, implementation Tue Aug 24 01:08:19 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Comments: This is a redo of visit 07.

Diagnostics

(Visit 47) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 47) Warning (Orbit Planner): VISIBILITY OVERRUN

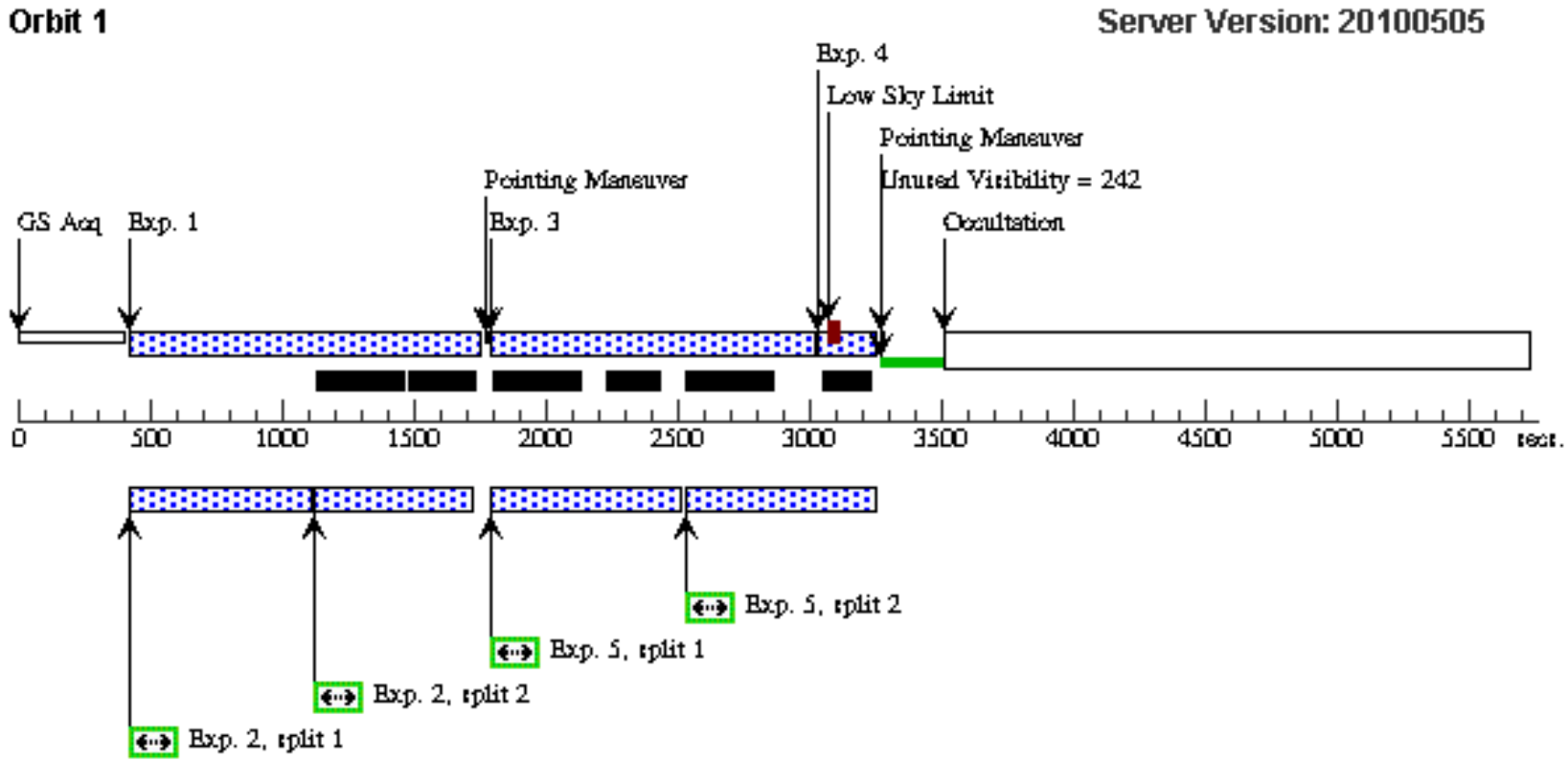
Fixed Targets

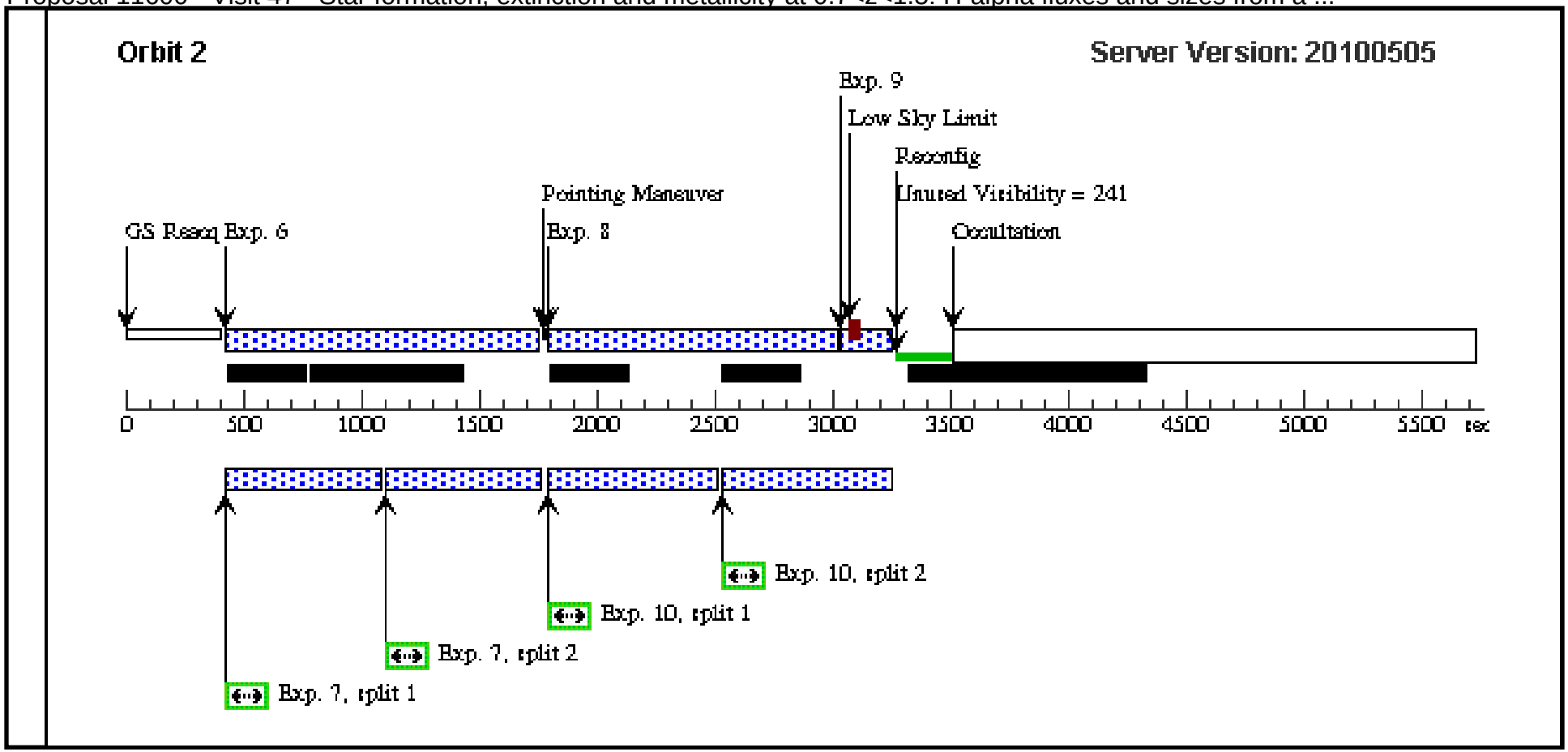
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	GNGRISM23	RA: 12 36 30.9500 (189.1289583d) Dec: +62 13 0.00 (62.21667d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(7) GNGRISM23	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0; LOW-SKY; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2	*[==>]*	***[1]***
2		(7) GNGRISM23	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-2	960 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
3		(7) GNGRISM23	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=13	POS TARG 0.6075,0.1815; LOW-SKY	Prime + Parallel Group 3-5	*[==>]*	***[1]***
4		(7) GNGRISM23	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 3-5	*[==>]*	***[1]***
5		(7) GNGRISM23	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 3-5	1200 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
6		(7) GNGRISM23	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.2700,0.6655; LOW-SKY	Prime + Parallel Group 6-7	*[==>]*	***[2]***
7		(7) GNGRISM23	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 6-7	1070 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
8		(7) GNGRISM23	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=13	POS TARG -0.3375,0.4840; LOW-SKY	Prime + Parallel Group 8-10	*[==>]*	***[2]***
9		(7) GNGRISM23	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375,0.4840	Prime + Parallel Group 8-10	*[==>]*	***[2]***
10		(7) GNGRISM23	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 8-10	1200 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 9
Low Sky Limit
Reconfig
Unused Visibility = 241
Occultation
Pointing Maneuver
Exp. 8
GS Reacq Exp. 6
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 10, split 2
Exp. 10, split 1
Exp. 7, split 2
Exp. 7, split 1

Visit

Proposal 11600, Visit 48, implementation Tue Aug 24 01:08:20 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Comments: This is a redo of two bad exposures from visit 08.

Diagnostics

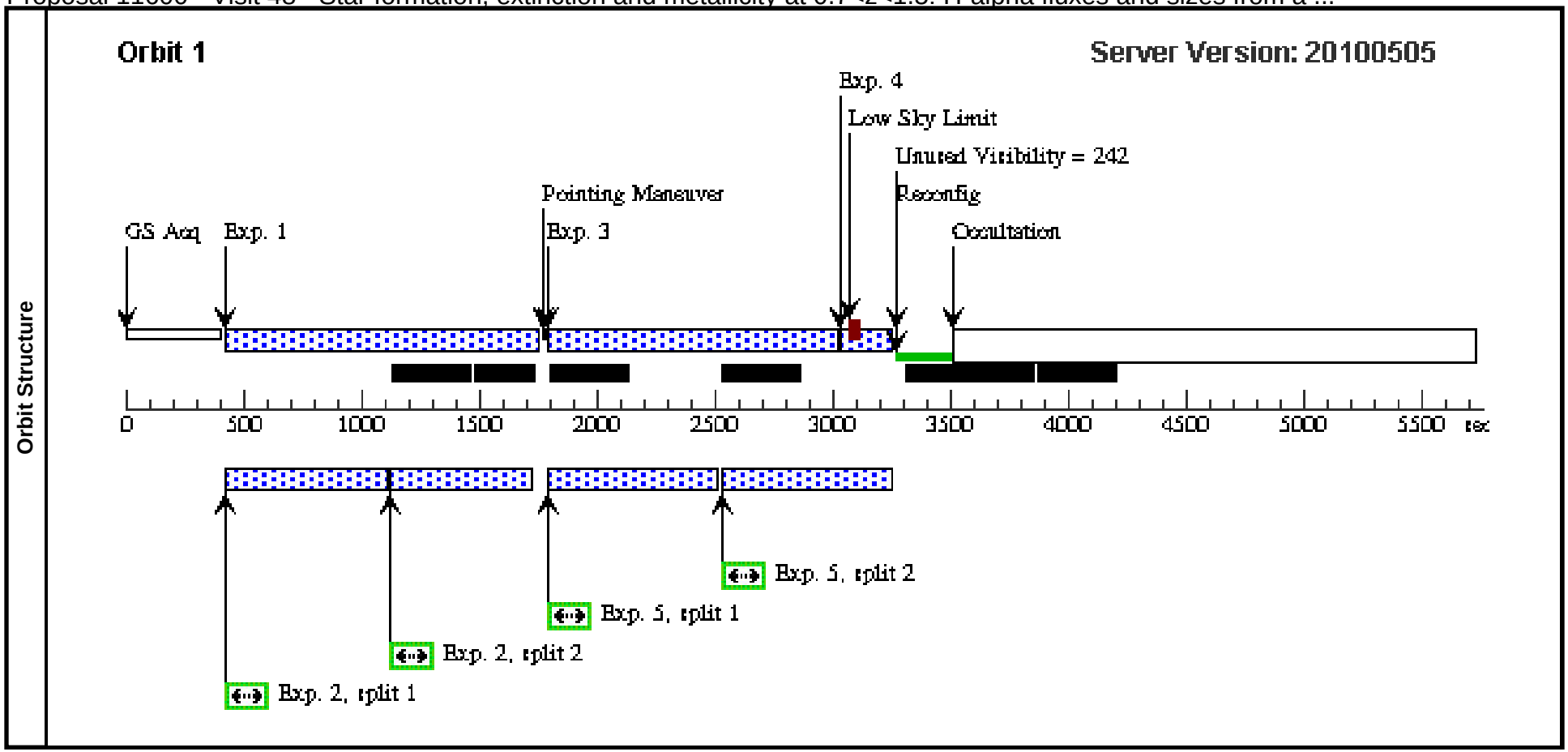
(Visit 48) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	GNGRISM24	RA: 12 36 42.4000 (189.1766667d) Dec: +62 14 20.10 (62.23892d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(8) GNGRISM24	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0; LOW-SKY; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2	*[==>]*	***[1]***
2		(8) GNGRISM24	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-2	960 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
3		(8) GNGRISM24	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=13	POS TARG -0.3375, 0.4840; LOW-SKY	Prime + Parallel Group 3-5	*[==>]*	***[1]***
4		(8) GNGRISM24	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375, 0.4840	Prime + Parallel Group 3-5	*[==>]*	***[1]***
5		(8) GNGRISM24	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 3-5	1200 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***


Orbit 1
Server Version: 20100505
Orbit Structure
Exp. 4
Low Sky Limit
Untried Visibility = 242
Reconfig
Occultation
Pointing Maneuver
GS Acq
Exp. 1
Exp. 3
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 5, split 2
Exp. 5, split 1
Exp. 2, split 2
Exp. 2, split 1

Visit

Proposal 11600, Visit 49, implementation Tue Aug 24 01:08:21 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 165.0D TO 195.0 D

Comments: This is a redo of visit 09.

Diagnostics

(Visit 49) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 49) Warning (Orbit Planner): VISIBILITY OVERRUN

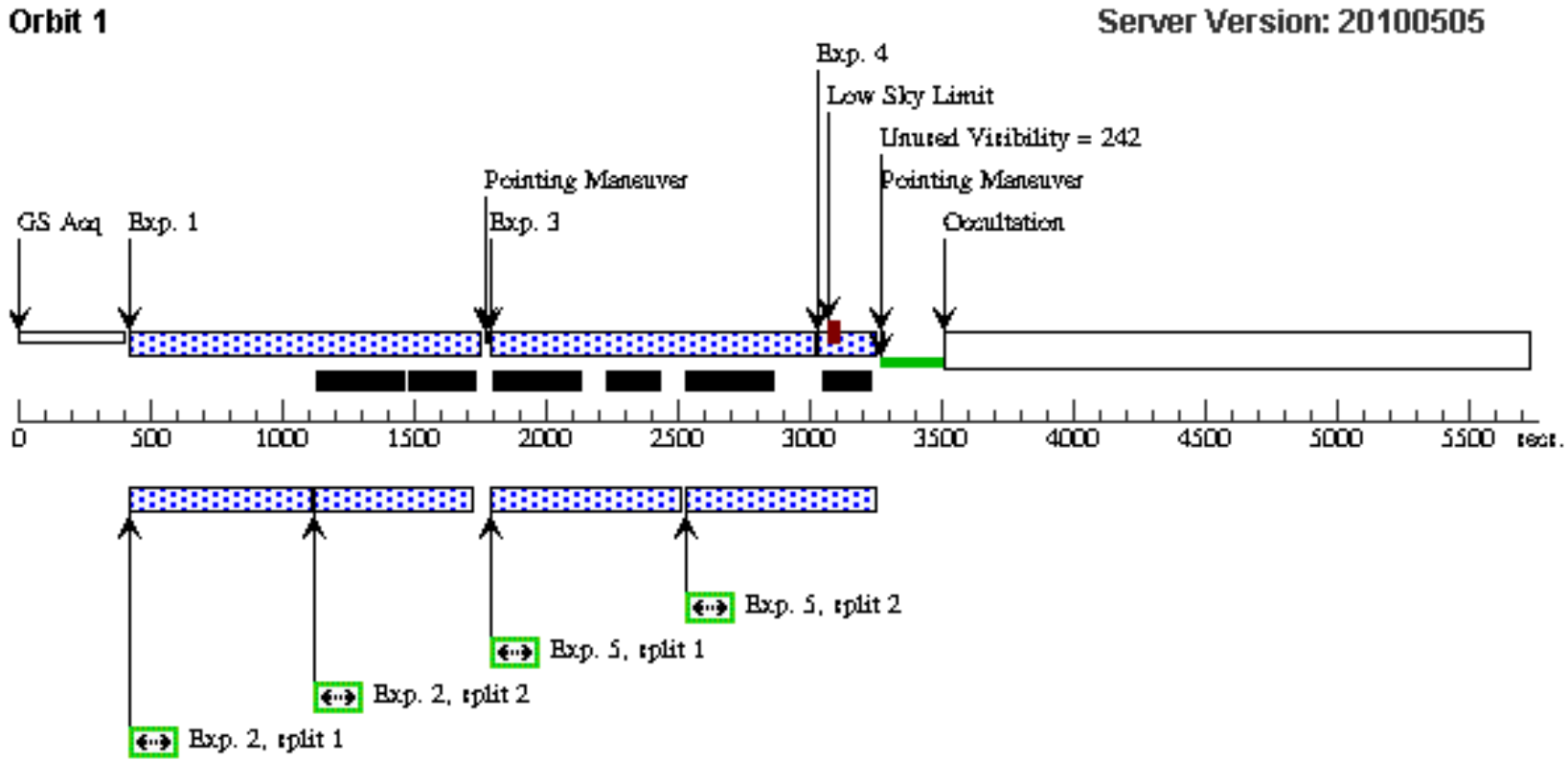
Fixed Targets

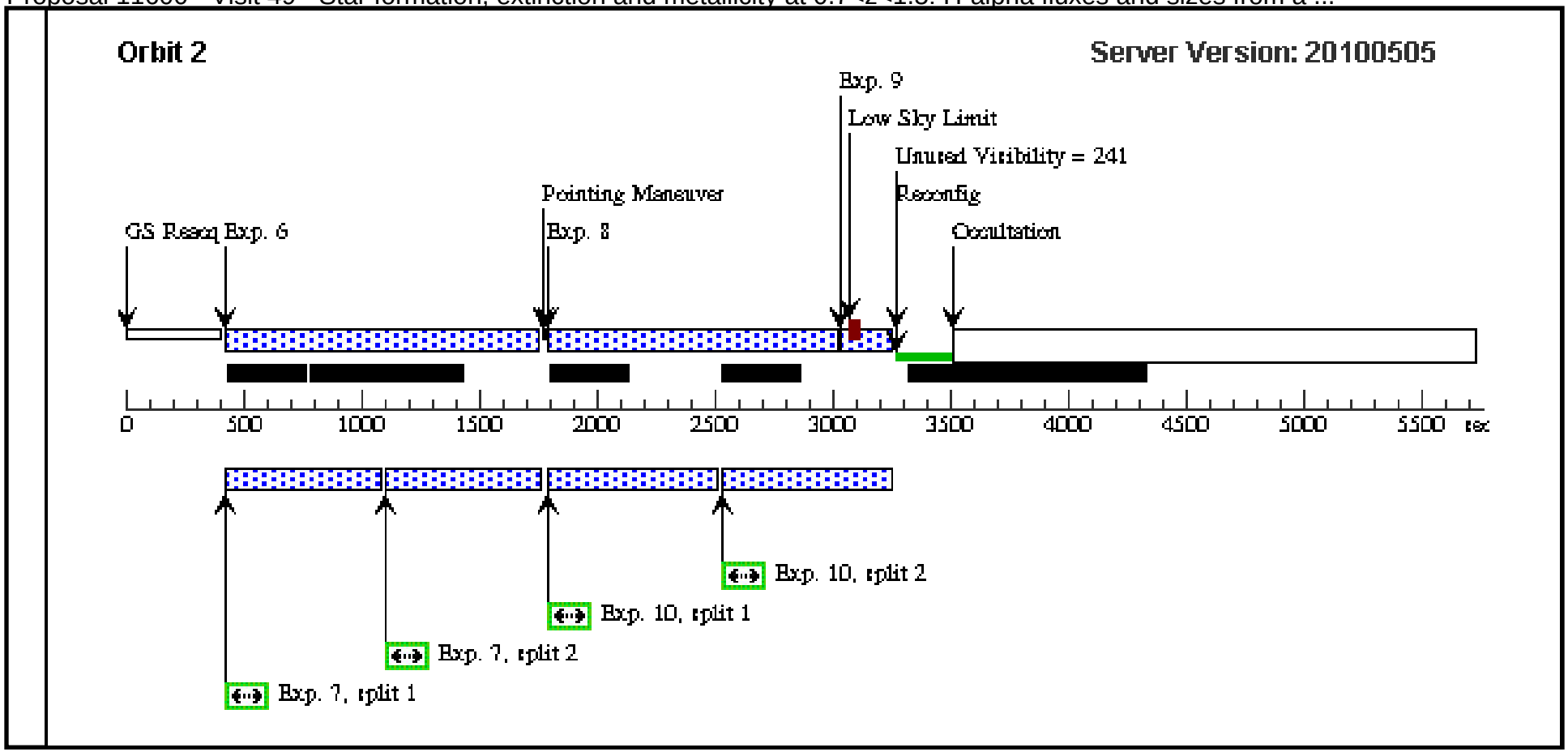
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	GNGRISM31	RA: 12 36 21.1200 (189.0880000d) Dec: +62 08 48.60 (62.14683d) Equinox: J2000		V=21.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(9) GNGRISM31	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.0,0.0; LOW-SKY; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2	*[==>]*	***[1]***
2		(9) GNGRISM31	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 1-2	960 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
3		(9) GNGRISM31	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=13	POS TARG 0.6075,0.1815; LOW-SKY	Prime + Parallel Group 3-5	*[==>]*	***[1]***
4		(9) GNGRISM31	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG 0.6075,0.1815	Prime + Parallel Group 3-5	*[==>]*	***[1]***
5		(9) GNGRISM31	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 3-5	1200 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
6		(9) GNGRISM31	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=14	POS TARG 0.2700,0.6655; LOW-SKY	Prime + Parallel Group 6-7	*[==>]*	***[2]***
7		(9) GNGRISM31	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 6-7	1070 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
8		(9) GNGRISM31	WFC3/IR, MULTIACCUM, IR	G141	SAMP-SEQ=SPARS100; NSAMP=13	POS TARG -0.3375, 0.4840; LOW-SKY	Prime + Parallel Group 8-10	*[==>]*	***[2]***
9		(9) GNGRISM31	WFC3/IR, MULTIACCUM, G141-REF	F140W	NSAMP=9; SAMP-SEQ=SPARS25	POS TARG -0.3375, 0.4840	Prime + Parallel Group 8-10	*[==>]*	***[2]***
10		(9) GNGRISM31	ACS/WFC, ACCUM, WFC	F775W	CR-SPLIT=2		Prime + Parallel Group 8-10	1200 Secs *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100505
Exp. 9
Low Sky Limit
Untried Visibility = 241
Reconfig
Occultation
Pointing Maneuver
Exp. 8
GS Reacq Exp. 6
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 10, split 2
Exp. 10, split 1
Exp. 7, split 2
Exp. 7, split 1