



12547 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectroscopy

Cycle: 19, Proposal Category: GO

(Availability Mode: AVAILABLE)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) EGS13035123	ACS/WFC WFC3/IR	2	30-Apr-2012 21:06:19.0	yes

Proposal 12547 (STScI Edit Number: 1, Created: Monday, April 30, 2012 8:09:54 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
02	(2) EGS13004661	ACS/WFC WFC3/IR	2	30-Apr-2012 21:06:41.0	yes
03	(3) EGS12011767	ACS/WFC WFC3/IR	2	30-Apr-2012 21:06:59.0	yes
04	(4) EGS13011439	ACS/WFC WFC3/IR	2	30-Apr-2012 21:07:15.0	yes
05	(5) EGS13034445	ACS/WFC WFC3/IR	2	30-Apr-2012 21:07:33.0	yes
55	(5) EGS13034445	ACS/WFC WFC3/IR	2	30-Apr-2012 21:07:49.0	yes
06	(6) EGS13011148	ACS/WFC WFC3/IR	2	30-Apr-2012 21:08:04.0	yes
07	(7) EGS12015684	ACS/WFC WFC3/IR	2	30-Apr-2012 21:08:22.0	yes
08	(8) EGS12020405	ACS/WFC WFC3/IR	2	30-Apr-2012 21:08:37.0	yes
09	(9) EGS12004754	ACS/WFC WFC3/IR	2	30-Apr-2012 21:08:52.0	yes
10	(10) EGS12024866	ACS/WFC WFC3/IR	2	30-Apr-2012 21:09:11.0	yes
11	(11) EGS12004280	ACS/WFC WFC3/IR	2	30-Apr-2012 21:09:26.0	yes
12	(12) EGS12007881.12012083	ACS/WFC WFC3/IR	2	30-Apr-2012 21:09:44.0	yes

26 Total Orbits Used

ABSTRACT

Proposal 12547 (STScI Edit Number: 1, Created: Monday, April 30, 2012 8:09:54 PM EST) - Overview

For a sample of 13 star-forming galaxies at $1 < z < 1.4$, selected from an ongoing IRAM/PdBI CO survey that measures molecular gas masses, we propose HST/WFC3-IR G141 grism spectroscopy to measure H α fluxes and sizes. The spatial resolution of HST combined with the sensitivity of H α as a star-formation indicator afford the ability to precisely trace the current amount and extent of star formation in galaxies at $z > 1$, physical properties that are poorly constrained with ground-based or Spitzer IR observations. Together, the HST and radio data will create the first sample of relatively typical star-forming galaxies at high redshift that have measurements of both molecular gas and star formation rate (SFR) surface densities. Combined with existing HST grism observations of 3 additional galaxies from our CO survey (for a total of 16 sources), this dataset will provide unprecedented insight into what fueled the high level of global star formation at $z > 1$ and what drove its decline over the last 7 Gyr. The precise measurements of current SFR and its spatial extent, derived from WFC3 spectroscopy, will enable us to determine if the higher SFRs at high redshift are due to greater supplies of cold gas or greater star formation efficiencies. Furthermore, the proposed observations will allow us to test the applicability of the Kennicutt-Schmidt relation for star formation rate versus gas surface density at high redshift, where the bulk of star formation occurs. This relation, which is a critical component of galaxy formation models, remains poorly constrained beyond the local Universe.

OBSERVING DESCRIPTION

Observation Description

HST GO Program 12547

PI Michael Cooper

This program involves targeted observations of 13 star-forming galaxies at $1 < z < 1.4$ using the WFC3-IR G141 grism to obtain slitless spectroscopy. The chief aims of the program are to (i) measure H α luminosities and sizes for the 13 target galaxies and (ii) conduct a blind redshift survey in each of the target fields.

The visits are subject to position angle/ORIENT constraints in order to ensure that spectral observations of the primary target (one of the 13 star-forming galaxies) are not negatively impacted by overlap from a nearby bright object. A wide range of ORIENTs are allowed for each object, allowing flexibility in scheduling and finding guide

stars. Two of our proposed targets are separated by 116", such that they are able to be observed in a single WFC3 pointing. As a result, we are able to observe 13 targets with a total of 24 orbits (2 orbits per pointing/visit).

Orbit/Visit Strategy:

In each visit (2 orbits per visit), we observe 1 target field at 4 dither positions. At each position in the dither pattern, we take a short direct F140W exposure and a long grism G141 exposure, using the GRSIM1024 aperture. 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, will make the data easier to reduce, and allows making a combined direct HST image of the field (excellent resolution albeit not very deep).

The direct exposures are ~200 sec (SPARS25 x NSAMP=9 or NSAMP=10) and the grism exposures are ~1300 sec (SPARS100 x NSAMP=14 or NSAMP=13). The longer grism exposures result from 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.

Dithering Strategy:

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 designed (as part of separate Cycle-17 program -- PID 11600; PI Weiner), using the following 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.

We 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.

Orient Constraints:

The visits are subject to position angle/ORIENT constraints in order to ensure that spectral observations of the primary target (one of the 13 star-forming galaxies) are not negatively impacted by overlap from

a nearby bright object. Each 1st-order grism spectral trace is 20 long, and bright objects also have a visible 0th-order image. We searched catalogs for nearby objects and have specified ORIENT constraints on each target to avoid contamination from nearby galaxies in either 0th or 1st order. We avoid 0th-order contaminants 2 mag brighter than the primary, and 1st-order contaminants down to 1 mag fainter. 2nd-order spectra are too faint to be of concern. A wide range of ORIENTs are allowed for each object, allowing flexibility in scheduling and finding guide stars.

Parallels:

We have requested parallel exposures with ACS using the F814W 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 650 seconds long. 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 reasonably long WFC3 grism and ACS F814W exposures allow efficient buffer dumping during an orbit so that little time is lost to overheads. The total exposure time in ACS F814W is about 5000 sec per 2-orbit visit.

Since the ORIENT constraints are only limited by the effort to ensure clean grism spectra are collected for the primary science targets (see summary above), the ACS parallels will often (but not always) overlap existing ACS imaging from previous programs (e.g., PID 10134, PI Davis and PID 12063, PIs Faber & Ferguson) --- either outcome will yield

additional scientific value. When overlap occurs, the addition to the net ACS/F814W exposure time in the field will be considerable. In other cases, the parallel field will expand the area with existing ACS imaging (reaching a depth deeper than that of PID 10134) and will still fall within the area covered by many ground- and space-based programs (e.g., Spitzer FIDEL, DEEP2 and DEEP3 surveys) that will benefit from the additional areal coverage.

Special Requirements:

We have requested a bright limb avoidance limit of 35 degrees.

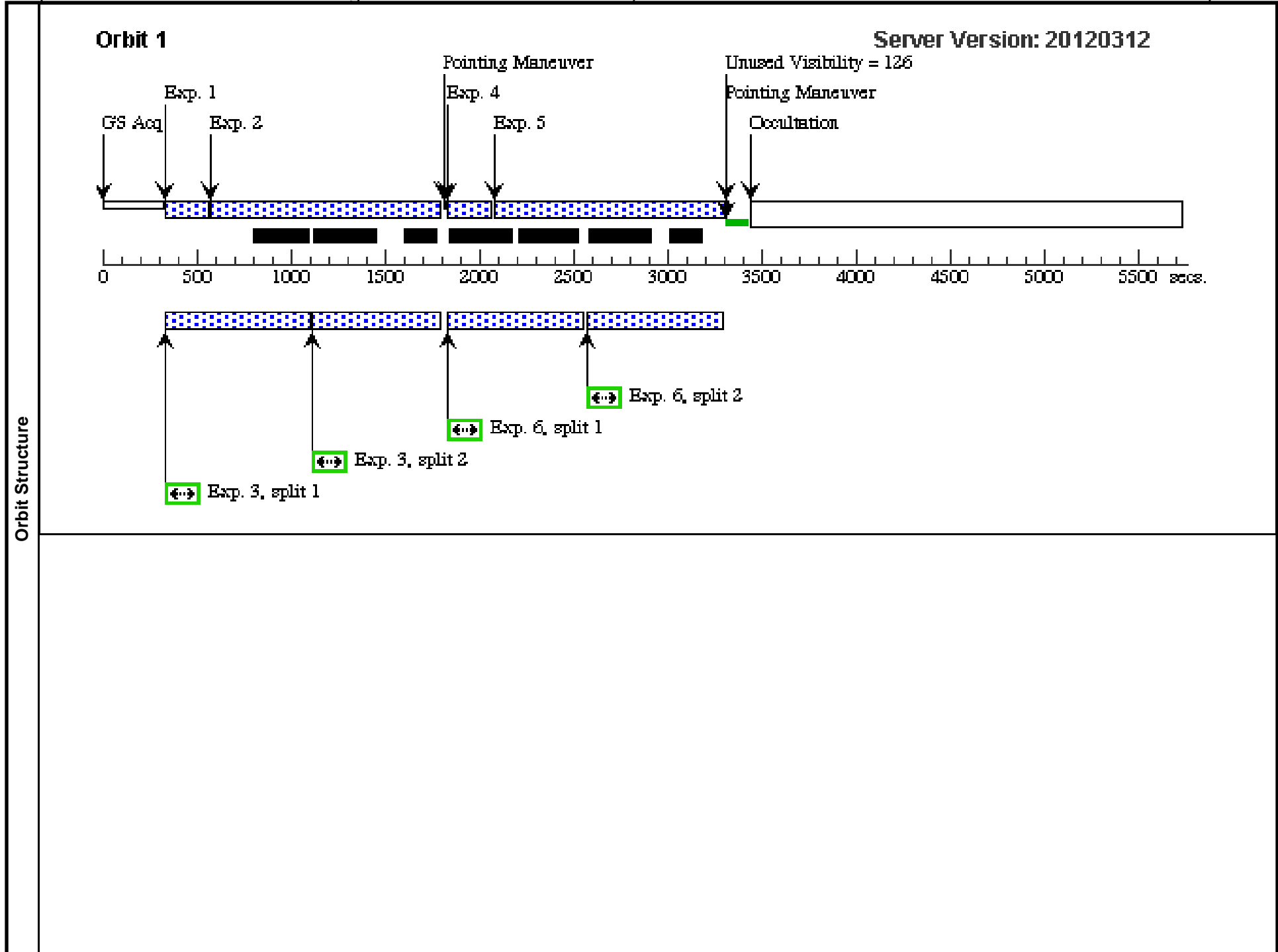
Previous observations (e.g., from PID 11600 and PID 11719) have shown that WFC3-IR suffers from significant scattered light near the Earth's bright limb --- see HOPR #1757 for further details. We note that all of the visits in our program have been designed with default settings (i.e., BRIGHT LIMB AVOID = 20) since visibility tables do not exist within APT for BRIGHT LIMB AVOID = 35.

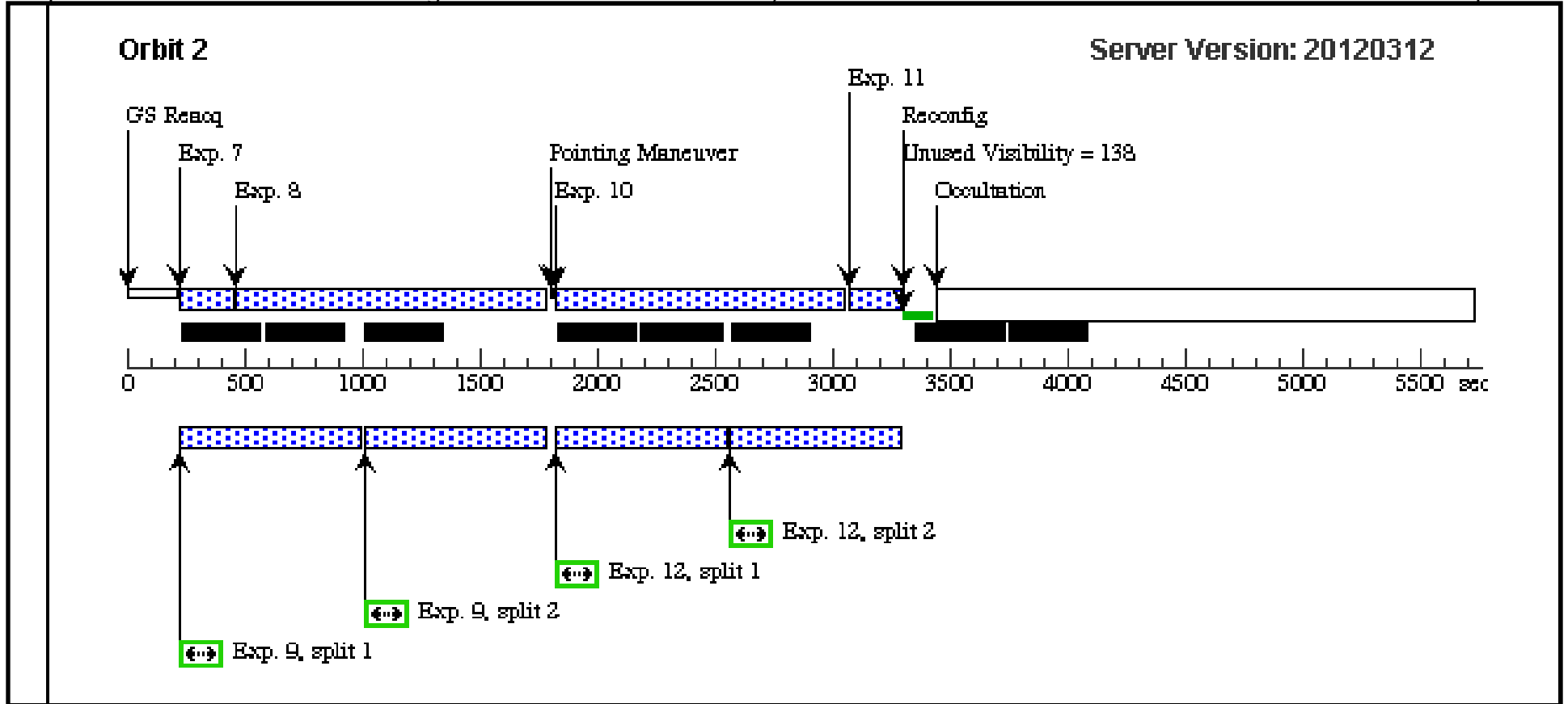
Proposal 12547 - Visit 01 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Visit	Proposal 12547, Visit 01, implementation Tue May 01 01:09:55 GMT 2012 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 67D TO 230 D; ORIENT 295D TO 50 D																
	(Visit 01) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>EGS13035123</td> <td>RA: 14 20 9.0198 (215.0375825d) Dec: +53 01 47.39 (53.02983d) Equinox: J2000</td> <td></td> <td>V=(?) I = 20.4 (AB), z=1.12</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	EGS13035123	RA: 14 20 9.0198 (215.0375825d) Dec: +53 01 47.39 (53.02983d) Equinox: J2000		V=(?) I = 20.4 (AB), z=1.12	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(1)	EGS13035123	RA: 14 20 9.0198 (215.0375825d) Dec: +53 01 47.39 (53.02983d) Equinox: J2000		V=(?) I = 20.4 (AB), z=1.12	Reference Frame: ICRS												

Proposal 12547 - Visit 01 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(1) EGS13035123	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Group 1-3 in Visit 01	[==>]	[1]	
	2	(1) EGS13035123	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100		Prime + Parallel Group 1-3 in Visit 01	[==>]	[1]	
	3	(1) EGS13035123	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 1-3 in Visit 01	1120 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	4	(1) EGS13035123	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 01	[==>]	[1]	
	5	(1) EGS13035123	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 01	[==>]	[1]	
	6	(1) EGS13035123	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 4-6 in Visit 01	1200 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	7	(1) EGS13035123	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 01	[==>]	[2]	
	8	(1) EGS13035123	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 01	[==>]	[2]	
	9	(1) EGS13035123	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 7-9 in Visit 01	1300 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	10	(1) EGS13035123	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 01	[==>]	[2]	
	11	(1) EGS13035123	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 01	[==>]	[2]	
12	(1) EGS13035123	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 10-12 in Visit 01	1205 Secs [==>(Split 1)] [==>(Split 2)]	[2]		



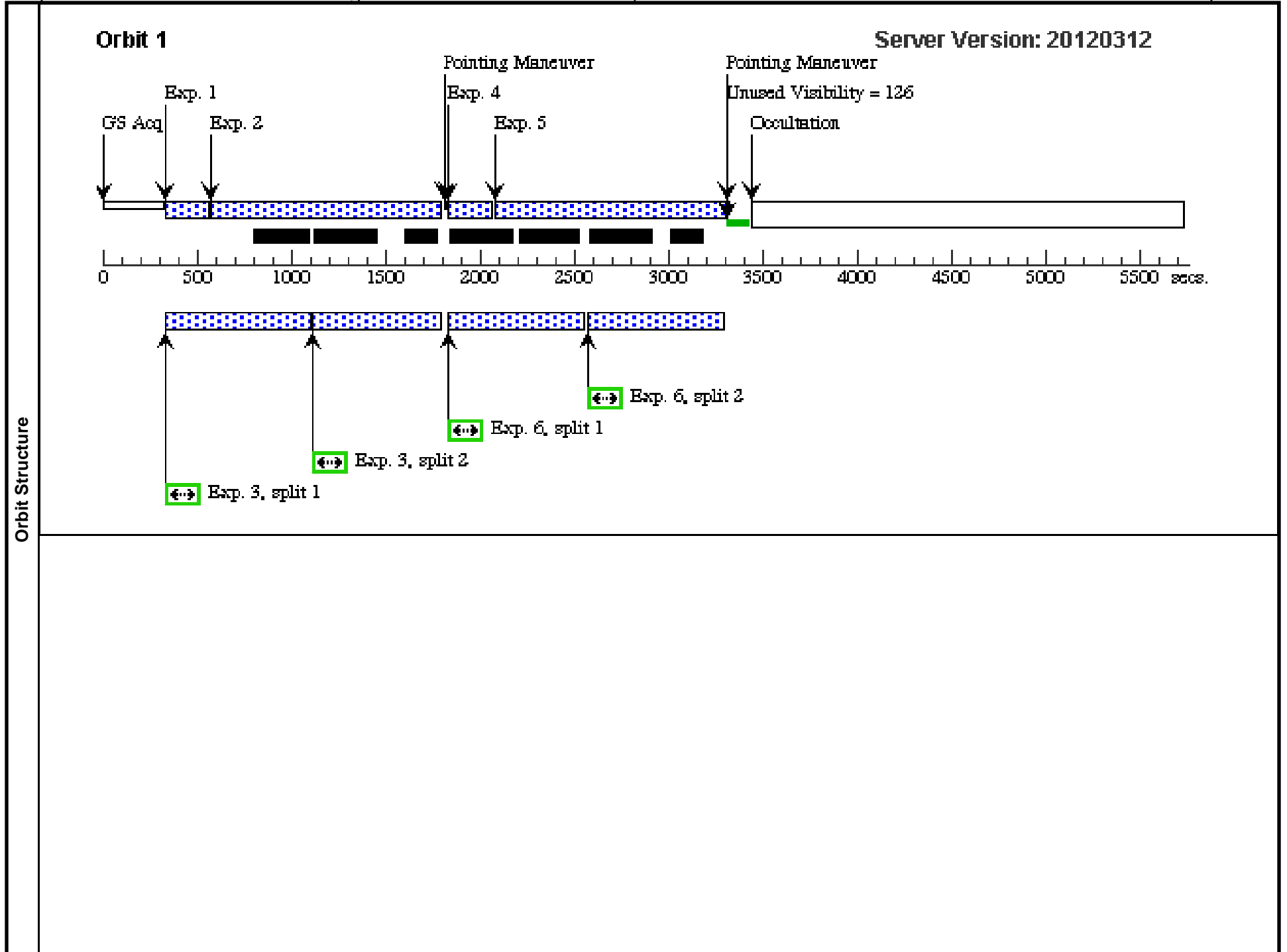


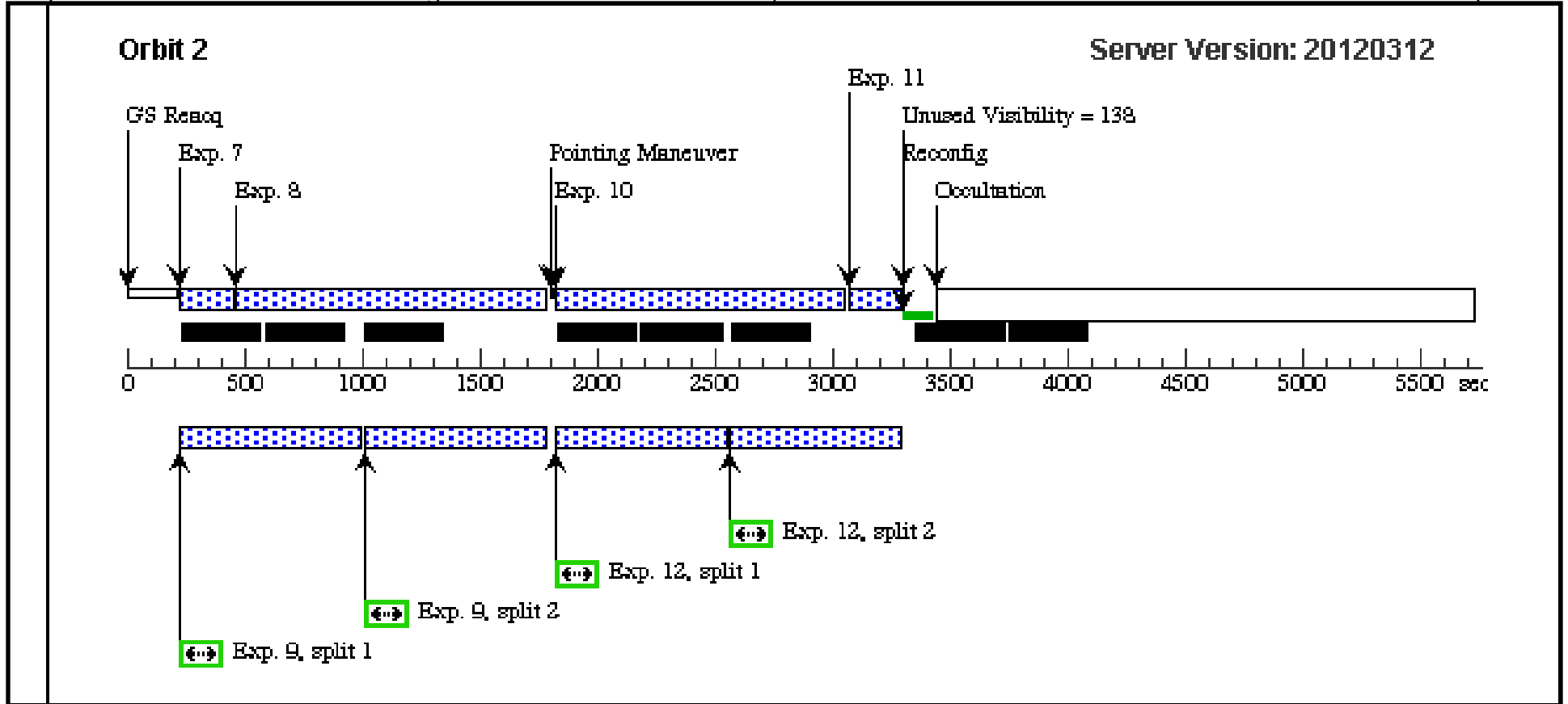
Proposal 12547 - Visit 02 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Visit	Proposal 12547, Visit 02, scheduling Tue May 01 01:09:57 GMT 2012 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 159D TO 226 D; ORIENT 264D TO 319 D; ORIENT 339D TO 46 D																
	(Visit 02) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>EGS13004661</td> <td>RA: 14 18 35.9280 (214.6497000d) Dec: +52 48 36.21 (52.81006d) Equinox: J2000</td> <td></td> <td>V=(?) I = 21.9 (AB), z=1.19</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	EGS13004661	RA: 14 18 35.9280 (214.6497000d) Dec: +52 48 36.21 (52.81006d) Equinox: J2000		V=(?) I = 21.9 (AB), z=1.19	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(2)	EGS13004661	RA: 14 18 35.9280 (214.6497000d) Dec: +52 48 36.21 (52.81006d) Equinox: J2000		V=(?) I = 21.9 (AB), z=1.19	Reference Frame: ICRS												

Proposal 12547 - Visit 02 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) EGS13004661	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Group 1-3 in Visit 02	[==>]	[1]	
	2	(2) EGS13004661	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100		Prime + Parallel Group 1-3 in Visit 02	[==>]	[1]	
	3	(2) EGS13004661	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 1-3 in Visit 02	1120 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	4	(2) EGS13004661	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 02	[==>]	[1]	
	5	(2) EGS13004661	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 02	[==>]	[1]	
	6	(2) EGS13004661	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 4-6 in Visit 02	1200 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	7	(2) EGS13004661	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 02	[==>]	[2]	
	8	(2) EGS13004661	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 02	[==>]	[2]	
	9	(2) EGS13004661	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 7-9 in Visit 02	1300 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	10	(2) EGS13004661	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 02	[==>]	[2]	
	11	(2) EGS13004661	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 02	[==>]	[2]	
	12	(2) EGS13004661	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 10-12 in Visit 02	1205 Secs [==>(Split 1)] [==>(Split 2)]	[2]	





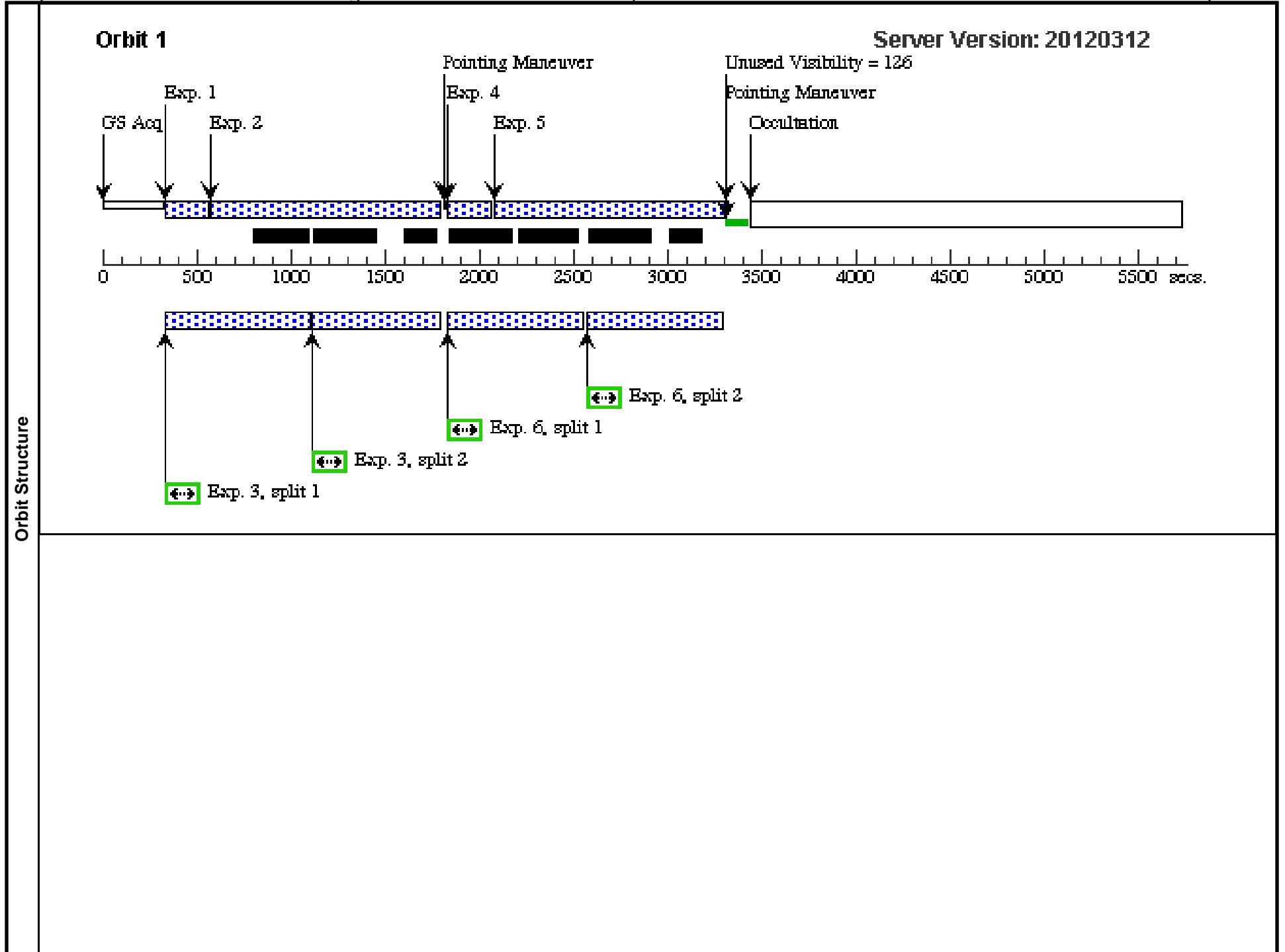
Proposal 12547 - Visit 03 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

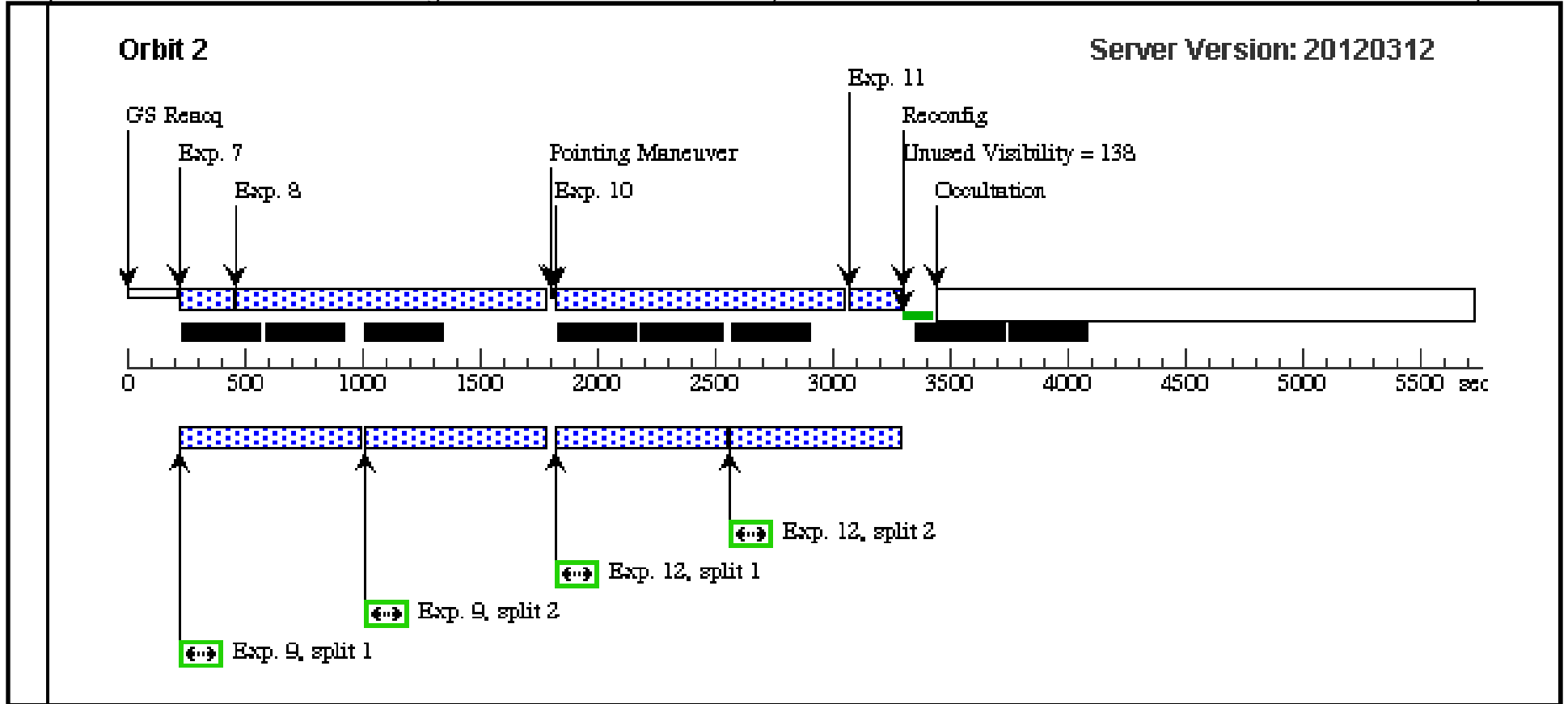
Tue May 01 01:09:58 GMT 2012

Visit	Proposal 12547, Visit 03, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 245D TO 284 D; ORIENT 339D TO 4 D; ORIENT 65D TO 113 D					
	(Visit 03) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE					
Diagnosics						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	EGS12011767	RA: 14 18 24.7595 (214.6031646d) Dec: +52 32 55.44 (52.54873d) Equinox: J2000		V=(?) I = 21.7 (AB), z=1.28	Reference Frame: ICRS

Proposal 12547 - Visit 03 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(3) EGS12011767	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Group 1-3 in Visit 03	[==>]	[1]	
	2	(3) EGS12011767	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100		Prime + Parallel Group 1-3 in Visit 03	[==>]	[1]	
	3	(3) EGS12011767	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 1-3 in Visit 03	1120 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	4	(3) EGS12011767	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 03	[==>]	[1]	
	5	(3) EGS12011767	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 03	[==>]	[1]	
	6	(3) EGS12011767	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 4-6 in Visit 03	1200 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	7	(3) EGS12011767	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 03	[==>]	[2]	
	8	(3) EGS12011767	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 03	[==>]	[2]	
	9	(3) EGS12011767	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 7-9 in Visit 03	1300 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	10	(3) EGS12011767	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 03	[==>]	[2]	
	11	(3) EGS12011767	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 03	[==>]	[2]	
12	(3) EGS12011767	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 10-12 in Visit 03	1205 Secs [==>(Split 1)] [==>(Split 2)]	[2]		



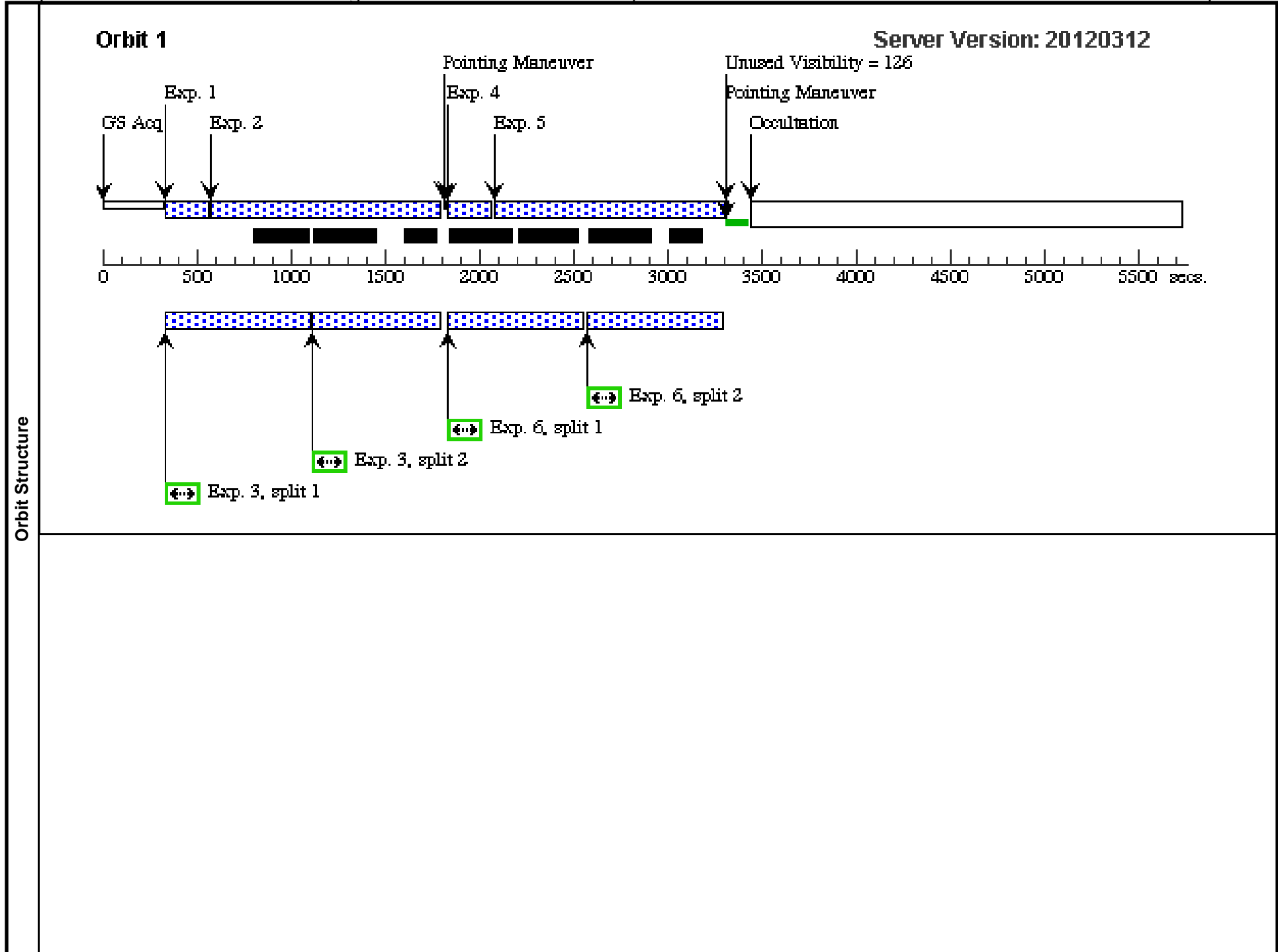


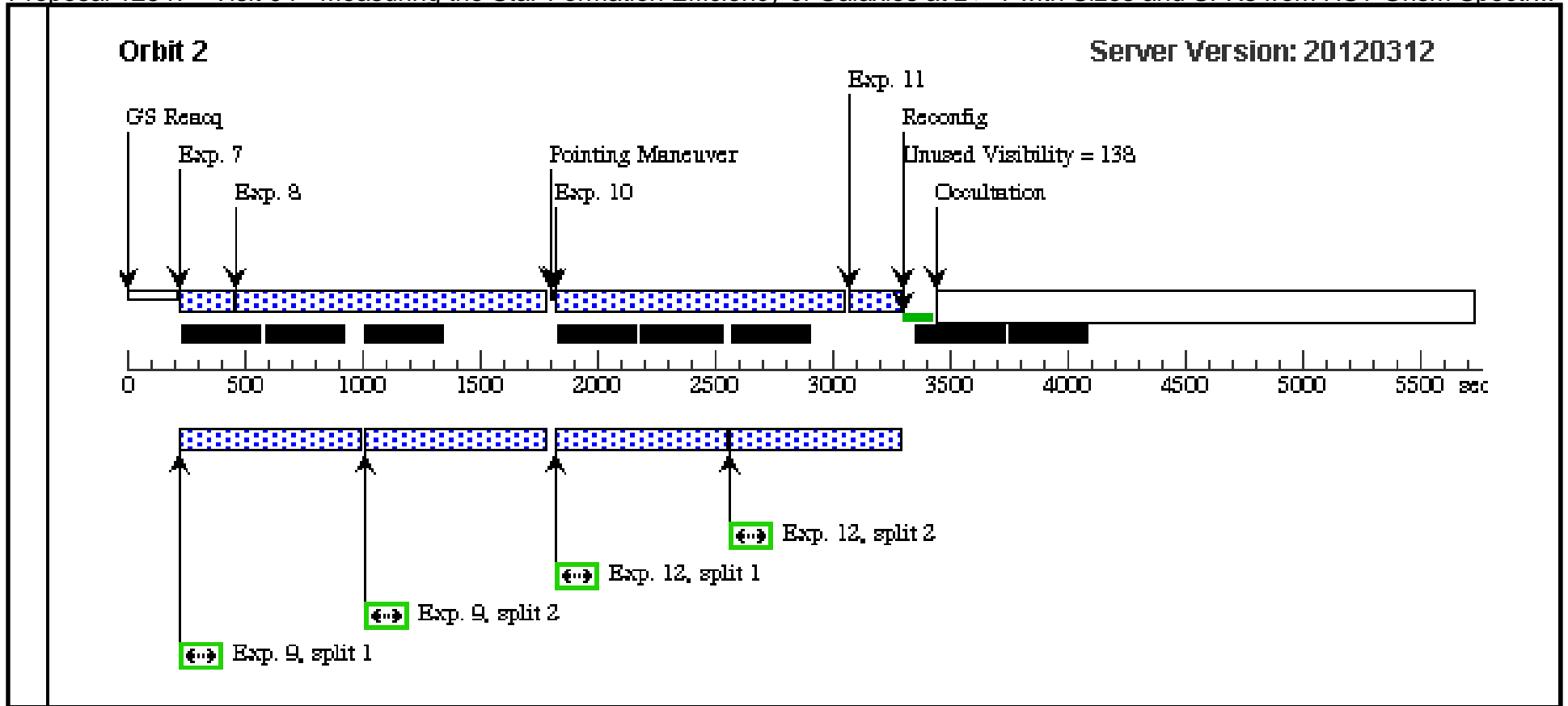
Proposal 12547 - Visit 04 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Visit	Proposal 12547, Visit 04, completed Tue May 01 01:09:59 GMT 2012 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 133D TO 196 D; ORIENT 288D TO 16 D; ORIENT 98D TO 113 D																
	(Visit 04) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE																
Fixed Targets	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">#</th> <th style="width: 20%;">Name</th> <th style="width: 25%;">Target Coordinates</th> <th style="width: 20%;">Targ. Coord. Corrections</th> <th style="width: 15%;">Fluxes</th> <th style="width: 15%;">Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(4)</td> <td>EGS13011439</td> <td> RA: 14 19 9.4702 (214.7894592d) Dec: +52 53 6.43 (52.88512d) Equinox: J2000 </td> <td></td> <td> V=(?) I = 21.8 (AB), z=1.10 </td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(4)	EGS13011439	RA: 14 19 9.4702 (214.7894592d) Dec: +52 53 6.43 (52.88512d) Equinox: J2000		V=(?) I = 21.8 (AB), z=1.10	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(4)	EGS13011439	RA: 14 19 9.4702 (214.7894592d) Dec: +52 53 6.43 (52.88512d) Equinox: J2000		V=(?) I = 21.8 (AB), z=1.10	Reference Frame: ICRS												

Proposal 12547 - Visit 04 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(4) EGS13011439	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Group 1-3 in Visit 04	[==>]	[1]	
	2	(4) EGS13011439	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100		Prime + Parallel Group 1-3 in Visit 04	[==>]	[1]	
	3	(4) EGS13011439	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 1-3 in Visit 04	1120 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	4	(4) EGS13011439	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 04	[==>]	[1]	
	5	(4) EGS13011439	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 04	[==>]	[1]	
	6	(4) EGS13011439	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 4-6 in Visit 04	1200 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	7	(4) EGS13011439	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 04	[==>]	[2]	
	8	(4) EGS13011439	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 04	[==>]	[2]	
	9	(4) EGS13011439	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 7-9 in Visit 04	1300 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	10	(4) EGS13011439	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 04	[==>]	[2]	
	11	(4) EGS13011439	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 04	[==>]	[2]	
12	(4) EGS13011439	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 10-12 in Visit 04	1205 Secs [==>(Split 1)] [==>(Split 2)]	[2]		



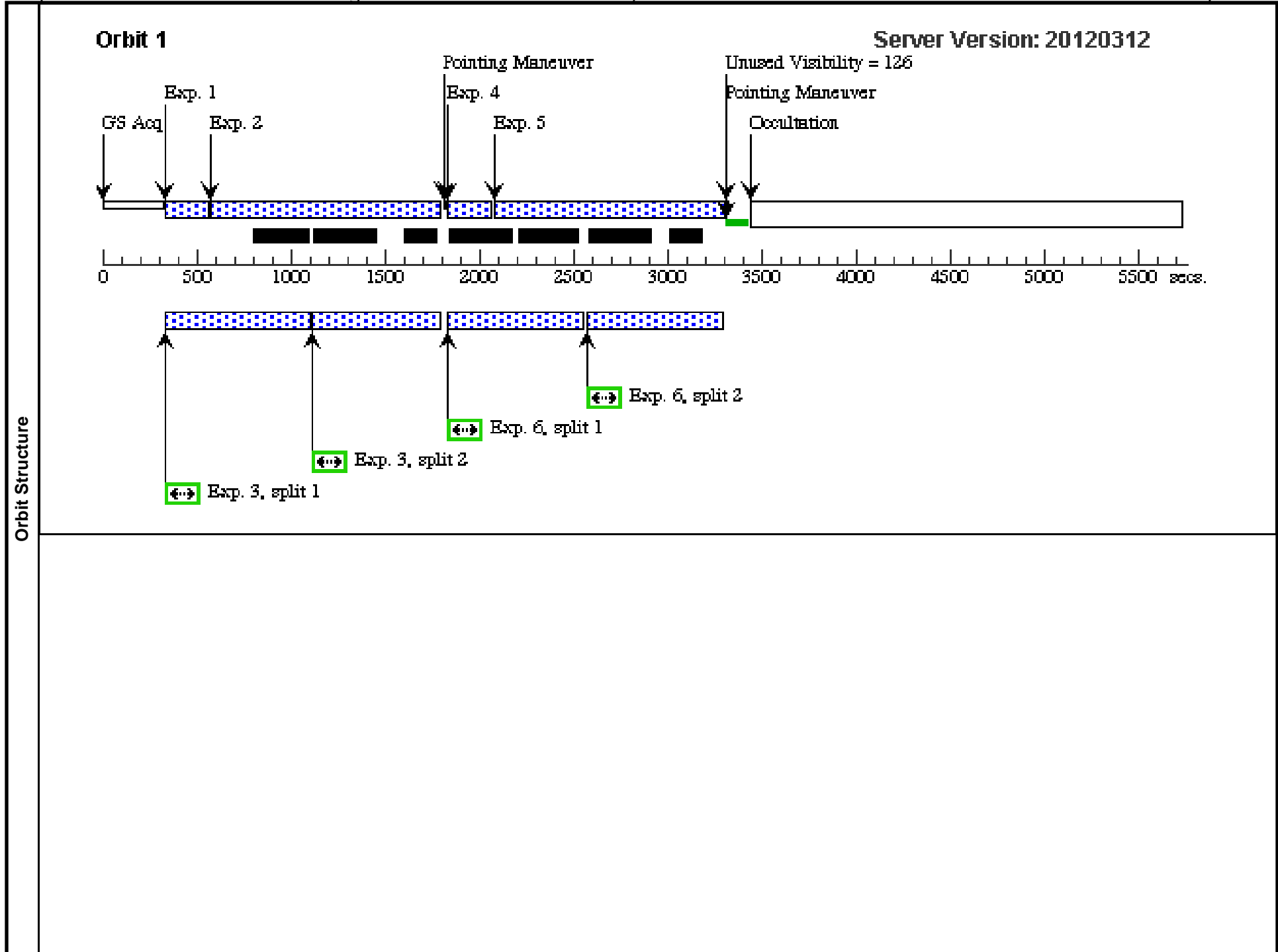


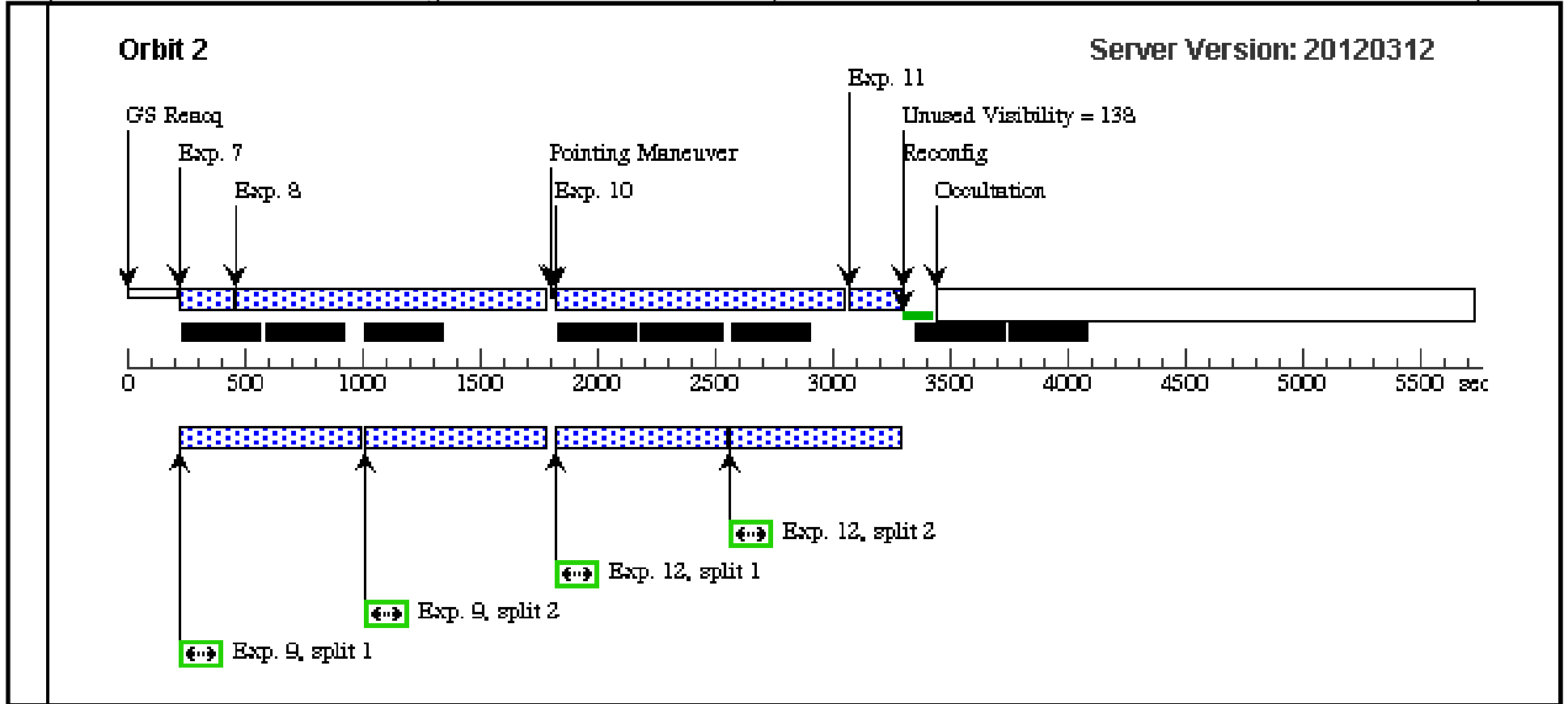
Proposal 12547 - Visit 05 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Visit	Proposal 12547, Visit 05, failed Tue May 01 01:10:00 GMT 2012 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 176D TO 193 D; ORIENT 261D TO 294 D; ORIENT 356D TO 27 D; ORIENT 100D TO 115 D					
	(Visit 05) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE					
Diagnosics						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	EGS13034445	RA: 14 20 30.7690 (215.1282042d) Dec: +53 01 48.54 (53.03015d) Equinox: J2000		V=(?) I = 22.3 (AB), z=1.17	Reference Frame: ICRS

Proposal 12547 - Visit 05 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Group 1-3 in Visit 05	[==>]	[1]	
	2	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100		Prime + Parallel Group 1-3 in Visit 05	[==>]	[1]	
	3	(5) EGS13034445	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 1-3 in Visit 05	1120 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	4	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 05	[==>]	[1]	
	5	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 05	[==>]	[1]	
	6	(5) EGS13034445	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 4-6 in Visit 05	1200 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	7	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 05	[==>]	[2]	
	8	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 05	[==>]	[2]	
	9	(5) EGS13034445	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 7-9 in Visit 05	1300 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	10	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 05	[==>]	[2]	
	11	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 05	[==>]	[2]	
	12	(5) EGS13034445	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 10-12 in Visit 05	1205 Secs [==>(Split 1)] [==>(Split 2)]	[2]	





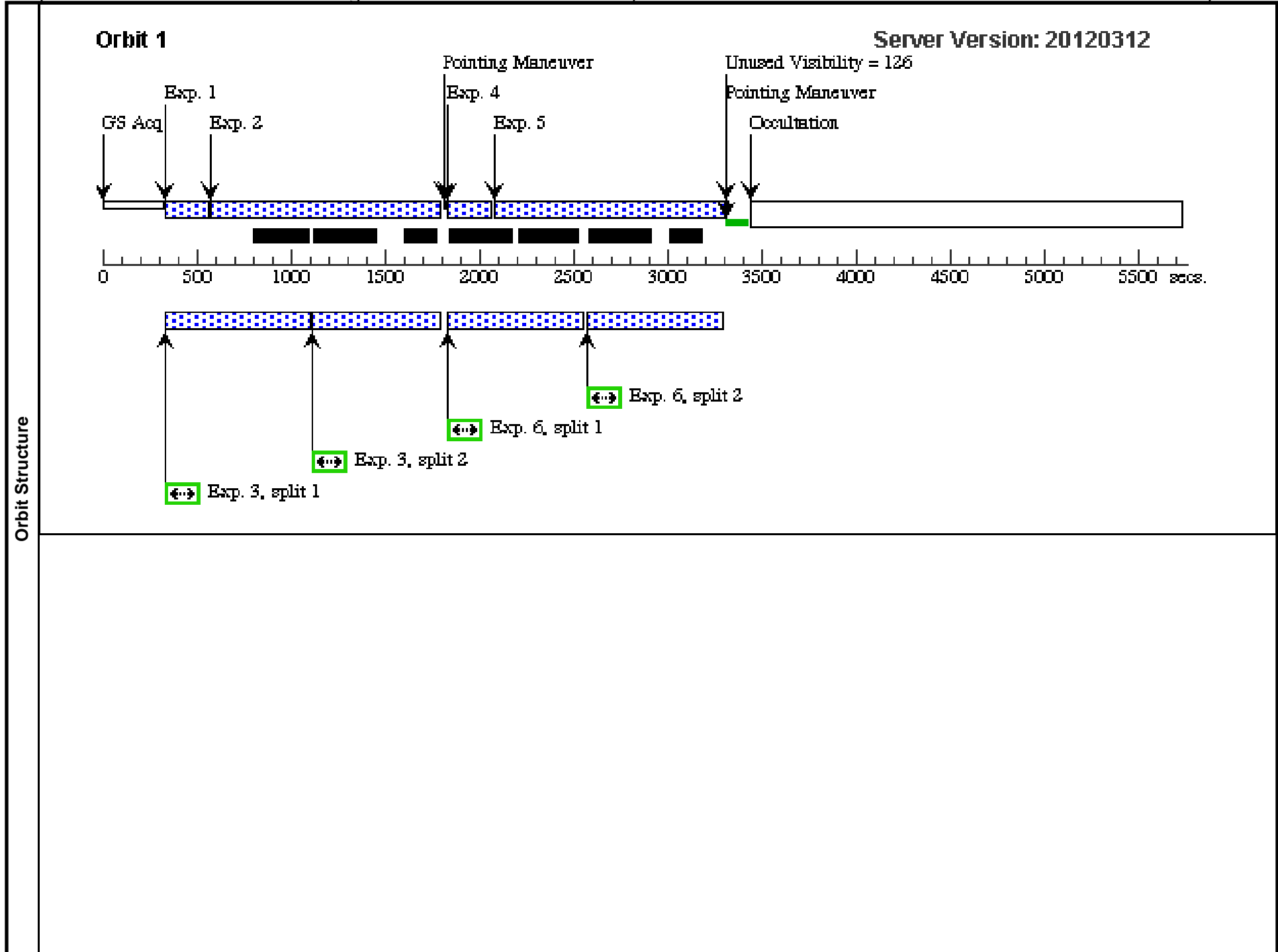
Proposal 12547 - Visit 55 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

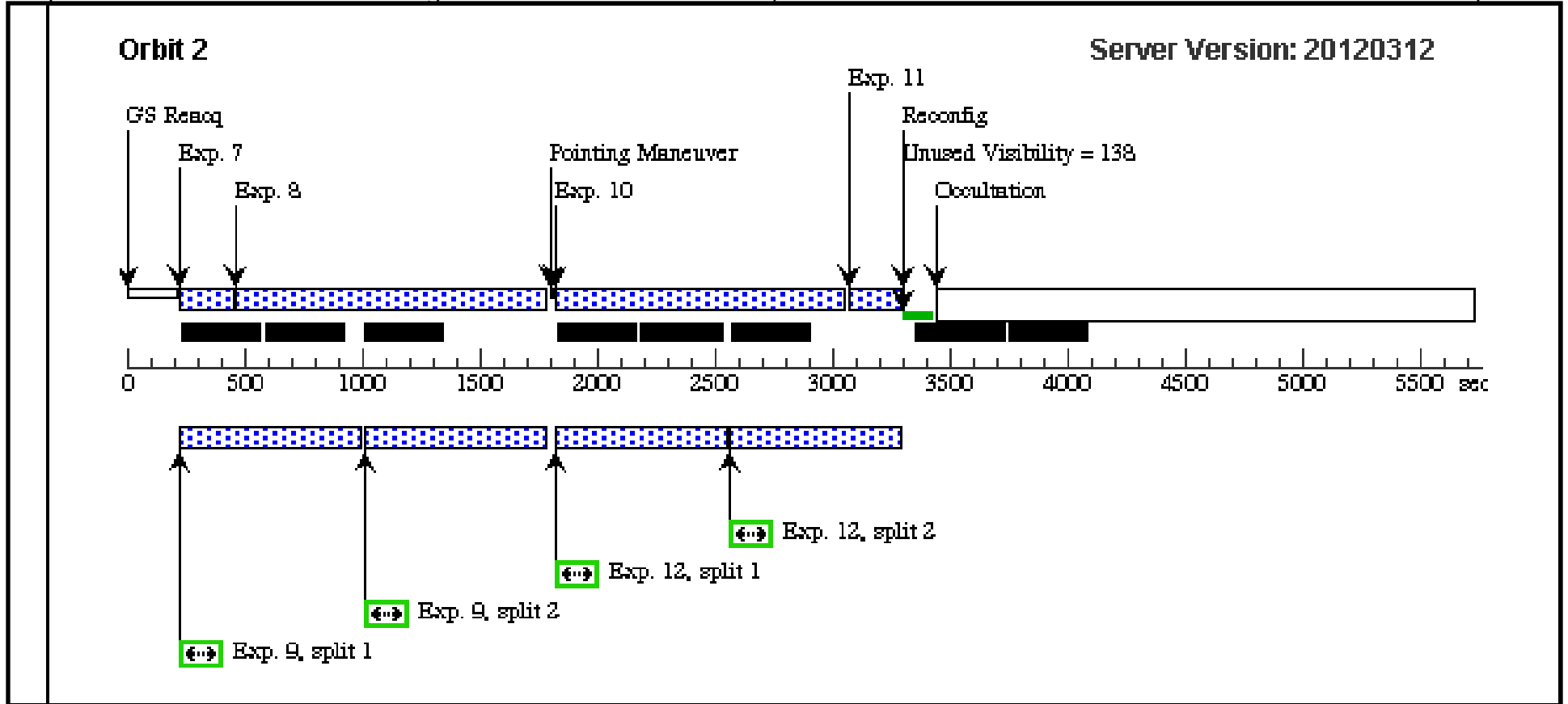
Tue May 01 01:10:01 GMT 2012

Visit	Proposal 12547, Visit 55 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 176D TO 193 D; ORIENT 261D TO 294 D; ORIENT 356D TO 27 D; ORIENT 100D TO 115 D					
	(Visit 55) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE					
Diagnosics						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	EGS13034445	RA: 14 20 30.7690 (215.1282042d) Dec: +53 01 48.54 (53.03015d) Equinox: J2000		V=(?) I = 22.3 (AB), z=1.17	Reference Frame: ICRS

Proposal 12547 - Visit 55 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Group 1-3 in Visit 55	[==>]	[1]	
	2	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100		Prime + Parallel Group 1-3 in Visit 55	[==>]	[1]	
	3	(5) EGS13034445	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 1-3 in Visit 55	1120 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	4	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 55	[==>]	[1]	
	5	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 55	[==>]	[1]	
	6	(5) EGS13034445	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 4-6 in Visit 55	1200 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	7	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 55	[==>]	[2]	
	8	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 55	[==>]	[2]	
	9	(5) EGS13034445	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 7-9 in Visit 55	1300 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	10	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 55	[==>]	[2]	
	11	(5) EGS13034445	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 55	[==>]	[2]	
12	(5) EGS13034445	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 10-12 in Visit 55	1205 Secs [==>(Split 1)] [==>(Split 2)]	[2]		



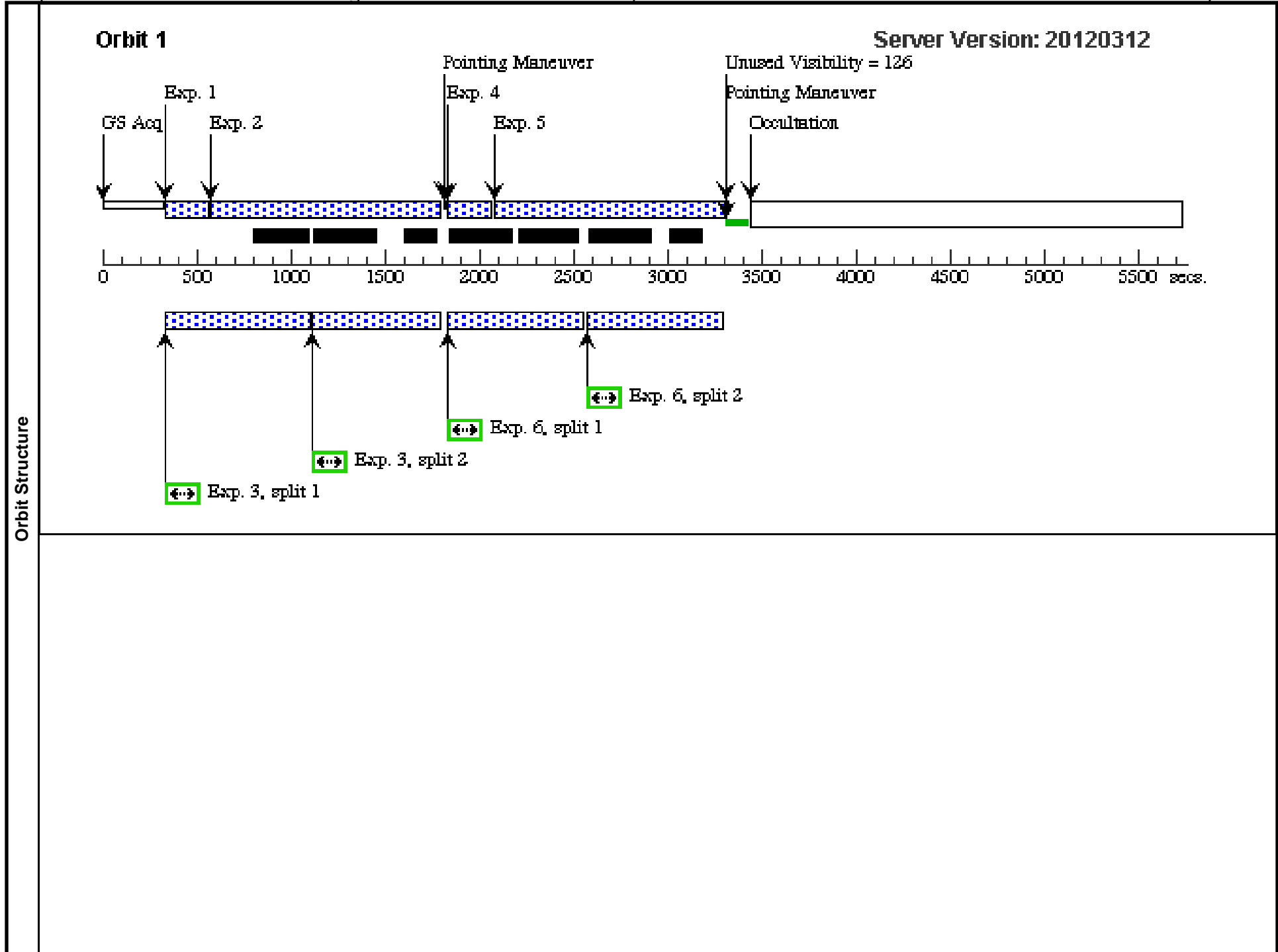


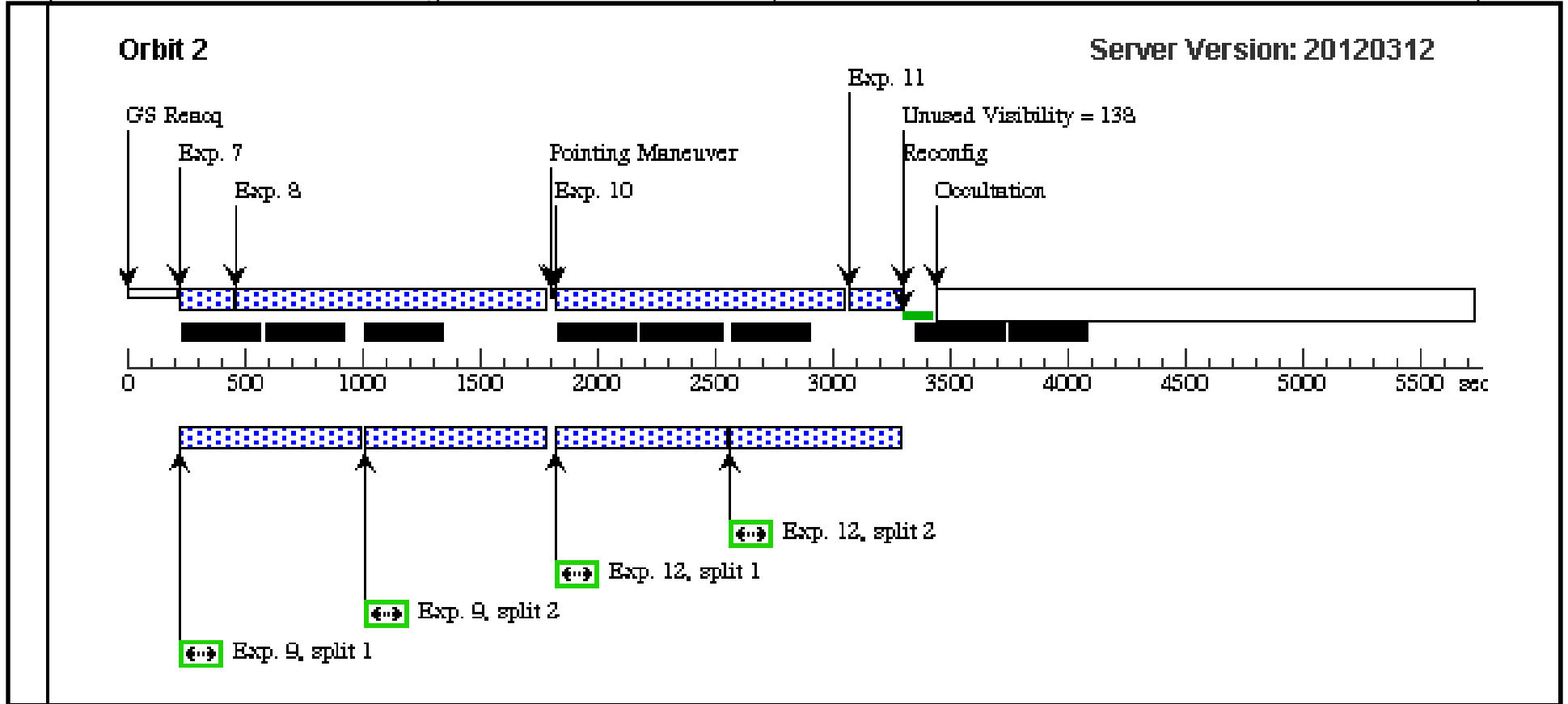
Proposal 12547 - Visit 06 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Visit	Proposal 12547, Visit 06, scheduling Tue May 01 01:10:02 GMT 2012 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 75D TO 158 D; ORIENT 203D TO 233 D; ORIENT 253D TO 338 D; ORIENT 15D TO 53 D																
	(Visit 06) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE																
Fixed Targets	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">#</th> <th style="width: 20%;">Name</th> <th style="width: 25%;">Target Coordinates</th> <th style="width: 20%;">Targ. Coord. Corrections</th> <th style="width: 15%;">Fluxes</th> <th style="width: 15%;">Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(6)</td> <td>EGS13011148</td> <td> RA: 14 19 29.8499 (214.8743746d) Dec: +52 53 13.56 (52.88710d) Equinox: J2000 </td> <td></td> <td> V=(?) I = 21.9 (AB), z=1.17 </td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(6)	EGS13011148	RA: 14 19 29.8499 (214.8743746d) Dec: +52 53 13.56 (52.88710d) Equinox: J2000		V=(?) I = 21.9 (AB), z=1.17	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(6)	EGS13011148	RA: 14 19 29.8499 (214.8743746d) Dec: +52 53 13.56 (52.88710d) Equinox: J2000		V=(?) I = 21.9 (AB), z=1.17	Reference Frame: ICRS												

Proposal 12547 - Visit 06 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(6) EGS13011148	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Group 1-3 in Visit 06	[==>]	[1]	
	2	(6) EGS13011148	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100		Prime + Parallel Group 1-3 in Visit 06	[==>]	[1]	
	3	(6) EGS13011148	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 1-3 in Visit 06	1120 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	4	(6) EGS13011148	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 06	[==>]	[1]	
	5	(6) EGS13011148	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 06	[==>]	[1]	
	6	(6) EGS13011148	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 4-6 in Visit 06	1200 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	7	(6) EGS13011148	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 06	[==>]	[2]	
	8	(6) EGS13011148	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 06	[==>]	[2]	
	9	(6) EGS13011148	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 7-9 in Visit 06	1300 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	10	(6) EGS13011148	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 06	[==>]	[2]	
	11	(6) EGS13011148	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 06	[==>]	[2]	
12	(6) EGS13011148	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 10-12 in Visit 06	1205 Secs [==>(Split 1)] [==>(Split 2)]	[2]		



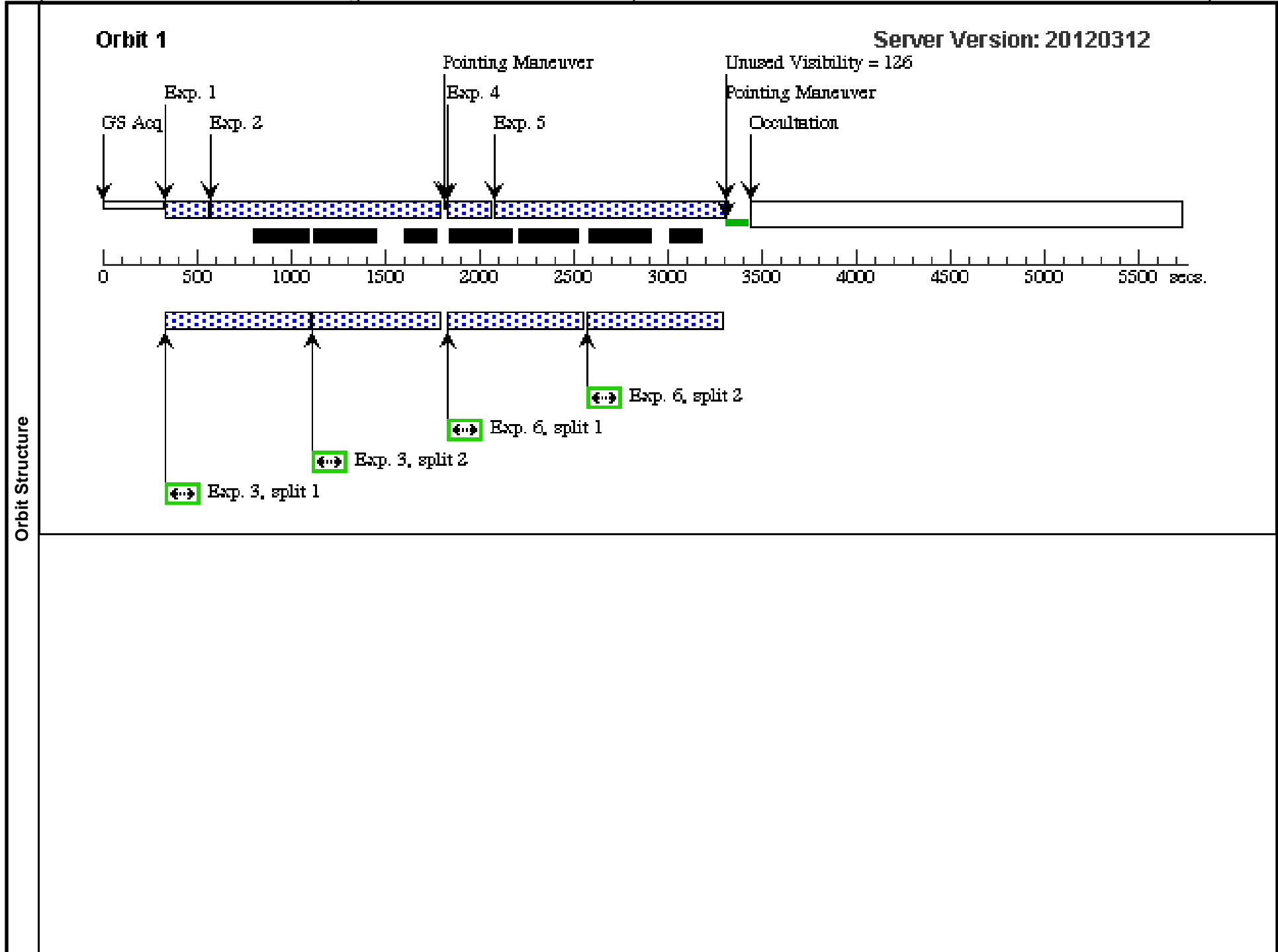


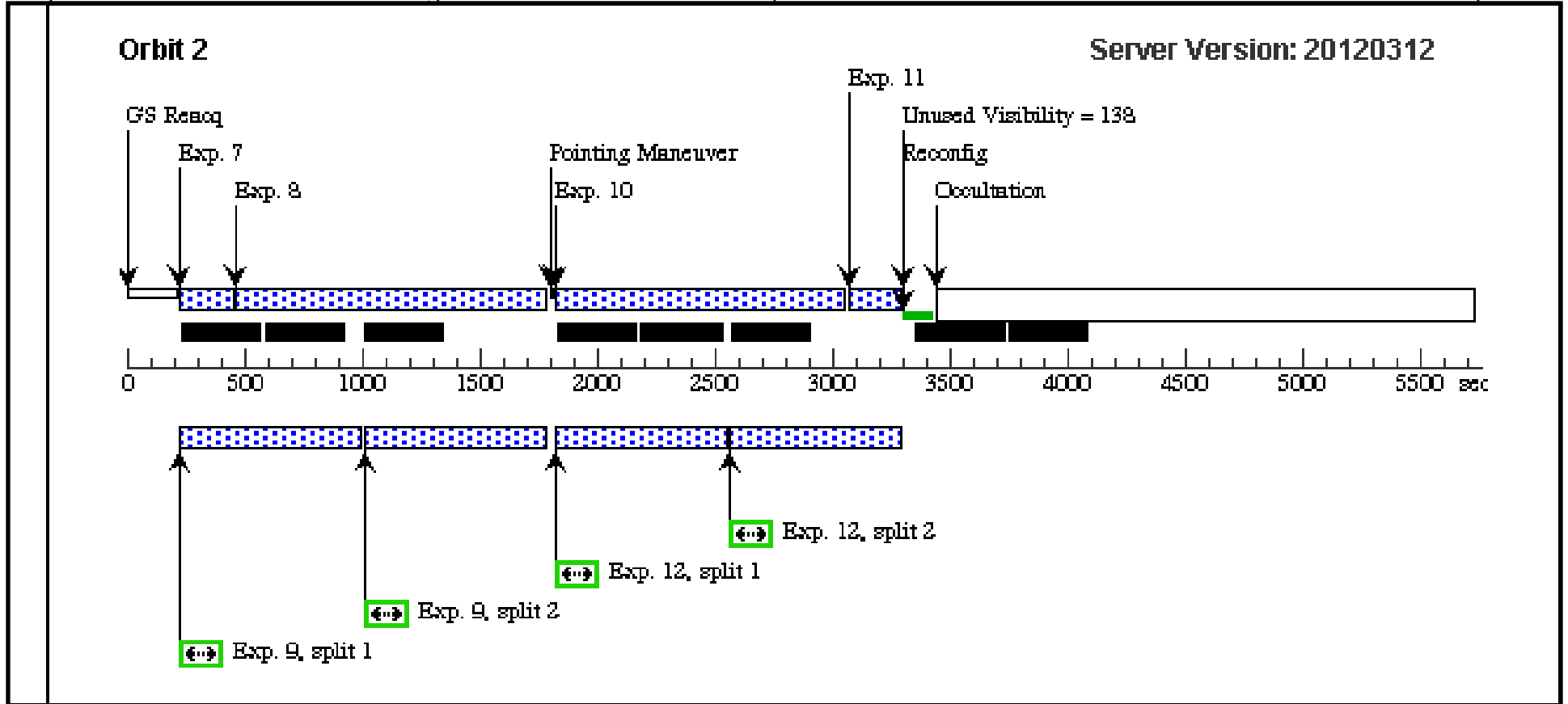
Proposal 12547 - Visit 07 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Visit	Proposal 12547, Visit 07, scheduled Tue May 01 01:10:03 GMT 2012 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 171D TO 188 D; ORIENT 351D TO 8 D; ORIENT 270D TO 313 D; ORIENT 90D TO 114 D					
	(Visit 07) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE					
Diagnosics						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	EGS12015684	RA: 14 18 42.1399 (214.6755829d) Dec: +52 36 20.59 (52.60572d) Equinox: J2000		V=(?) I = 22.7 (AB), z=1.37	Reference Frame: ICRS

Proposal 12547 - Visit 07 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(7) EGS12015684	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Group 1-3 in Visit 07	[==>]	[1]	
	2	(7) EGS12015684	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100		Prime + Parallel Group 1-3 in Visit 07	[==>]	[1]	
	3	(7) EGS12015684	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 1-3 in Visit 07	1120 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	4	(7) EGS12015684	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 07	[==>]	[1]	
	5	(7) EGS12015684	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 07	[==>]	[1]	
	6	(7) EGS12015684	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 4-6 in Visit 07	1200 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	7	(7) EGS12015684	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 07	[==>]	[2]	
	8	(7) EGS12015684	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 07	[==>]	[2]	
	9	(7) EGS12015684	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 7-9 in Visit 07	1300 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	10	(7) EGS12015684	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 07	[==>]	[2]	
	11	(7) EGS12015684	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 07	[==>]	[2]	
	12	(7) EGS12015684	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 10-12 in Visit 07	1205 Secs [==>(Split 1)] [==>(Split 2)]	[2]	



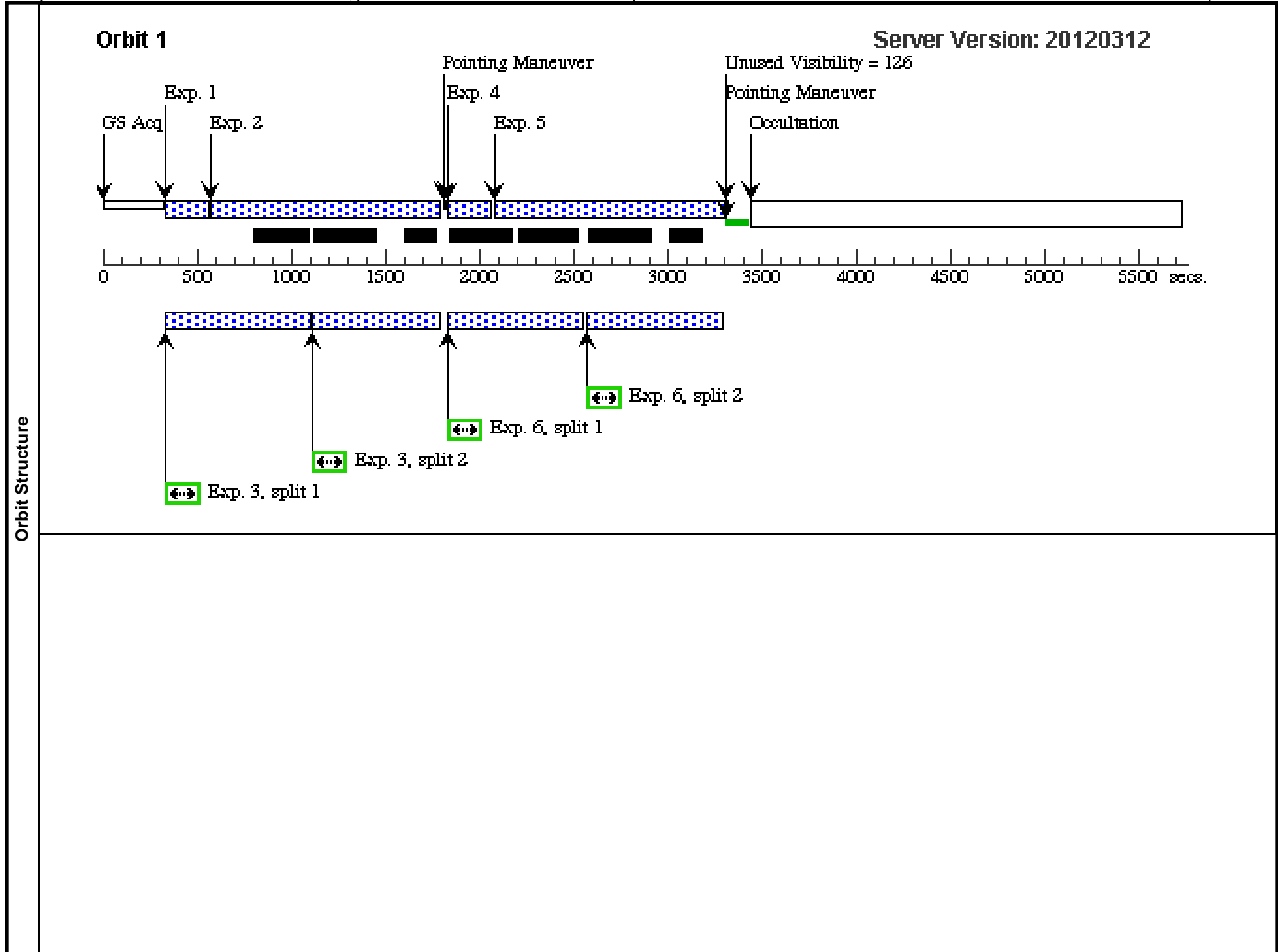


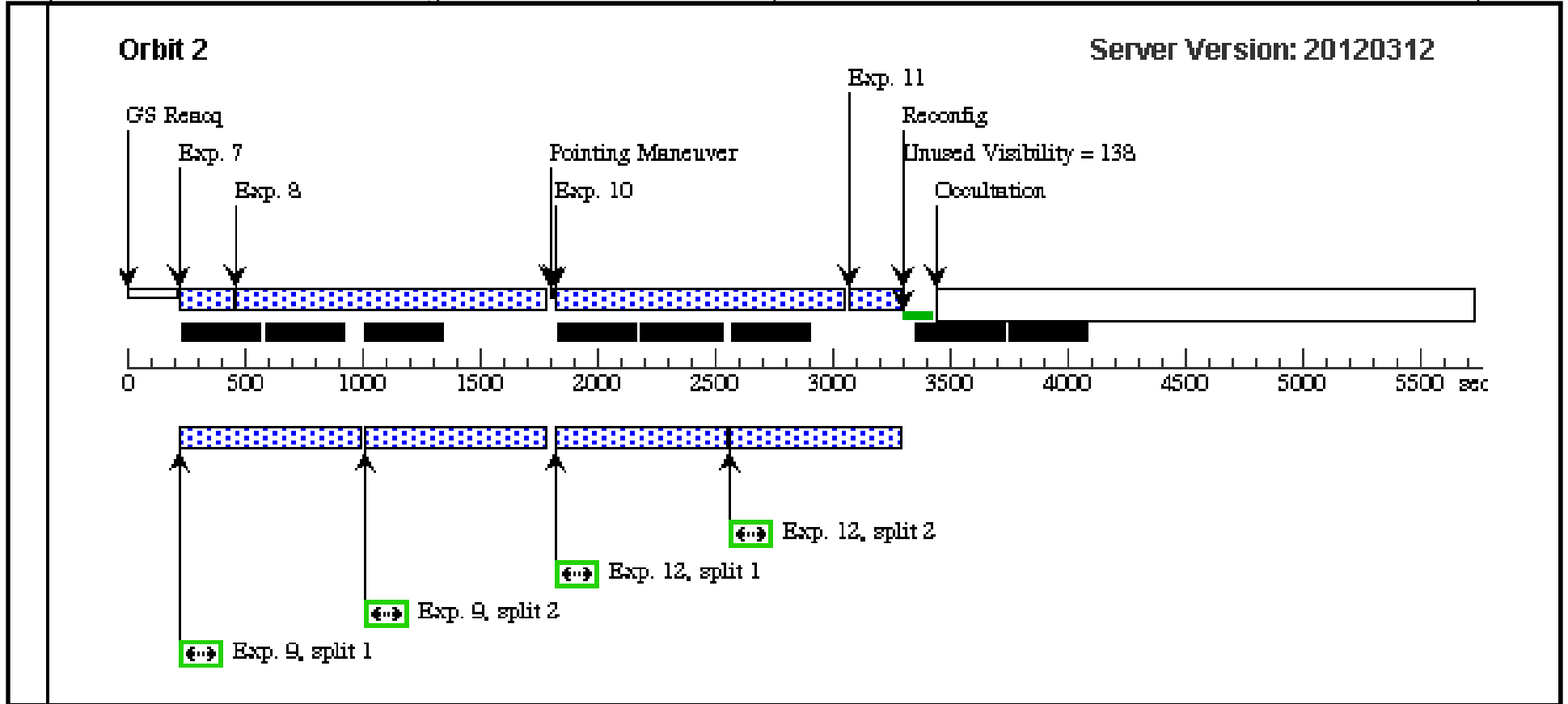
Proposal 12547 - Visit 08 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Visit	Proposal 12547, Visit 08, scheduling Tue May 01 01:10:04 GMT 2012 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 270D TO 312 D; ORIENT 26D TO 70 D; ORIENT 100D TO 132 D					
	(Visit 08) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	EGS12020405	RA: 14 18 5.0537 (214.5210571d) Dec: +52 40 25.70 (52.67381d) Equinox: J2000		V=(?) I = 22.1 (AB), z=1.38	Reference Frame: ICRS

Proposal 12547 - Visit 08 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(8) EGS12020405	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Group 1-3 in Visit 08	[==>]	[1]	
	2	(8) EGS12020405	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100		Prime + Parallel Group 1-3 in Visit 08	[==>]	[1]	
	3	(8) EGS12020405	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 1-3 in Visit 08	1120 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	4	(8) EGS12020405	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 08	[==>]	[1]	
	5	(8) EGS12020405	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 08	[==>]	[1]	
	6	(8) EGS12020405	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 4-6 in Visit 08	1200 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	7	(8) EGS12020405	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 08	[==>]	[2]	
	8	(8) EGS12020405	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 08	[==>]	[2]	
	9	(8) EGS12020405	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 7-9 in Visit 08	1300 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	10	(8) EGS12020405	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 08	[==>]	[2]	
	11	(8) EGS12020405	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 08	[==>]	[2]	
12	(8) EGS12020405	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 10-12 in Visit 08	1205 Secs [==>(Split 1)] [==>(Split 2)]	[2]		



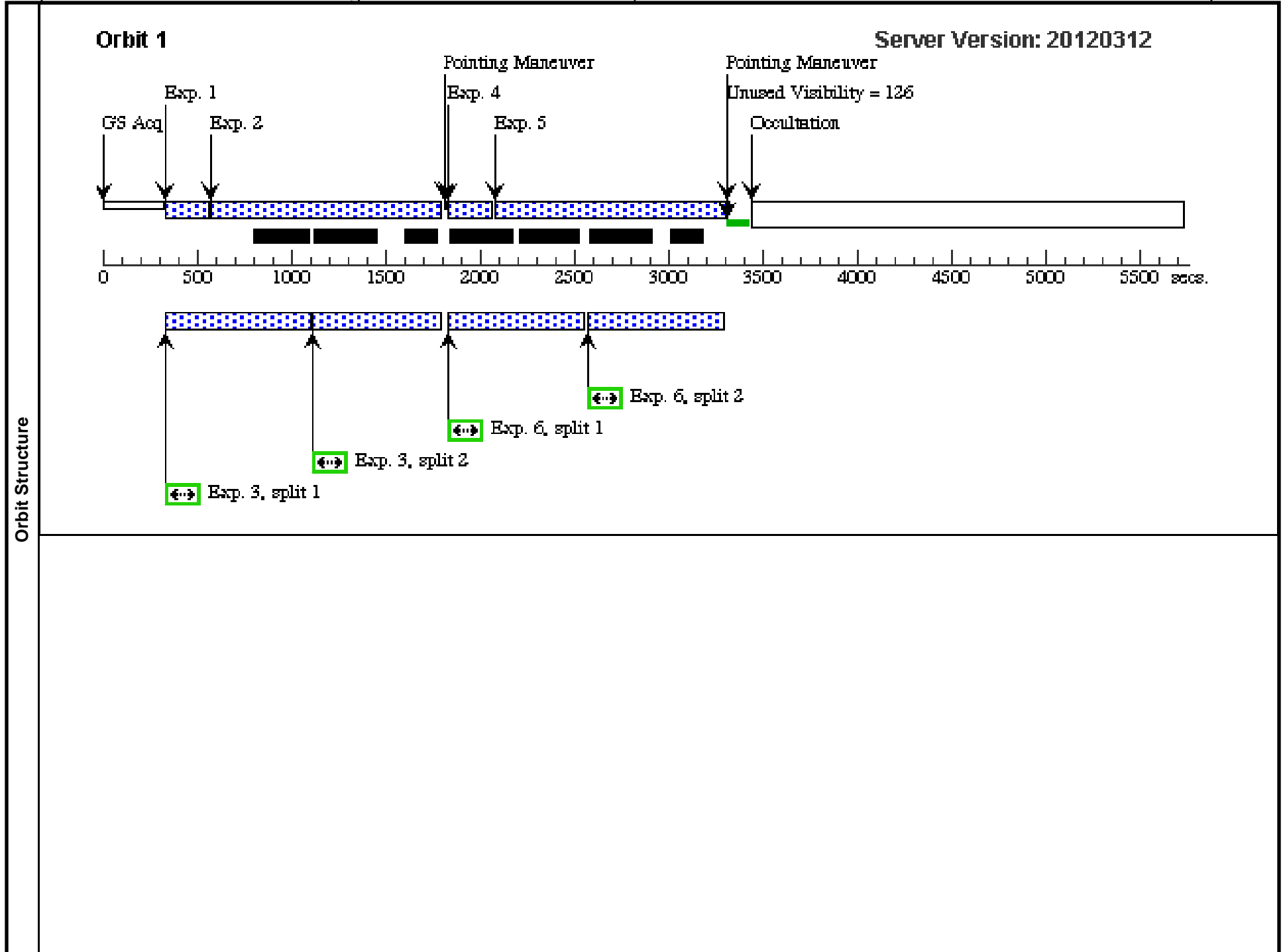


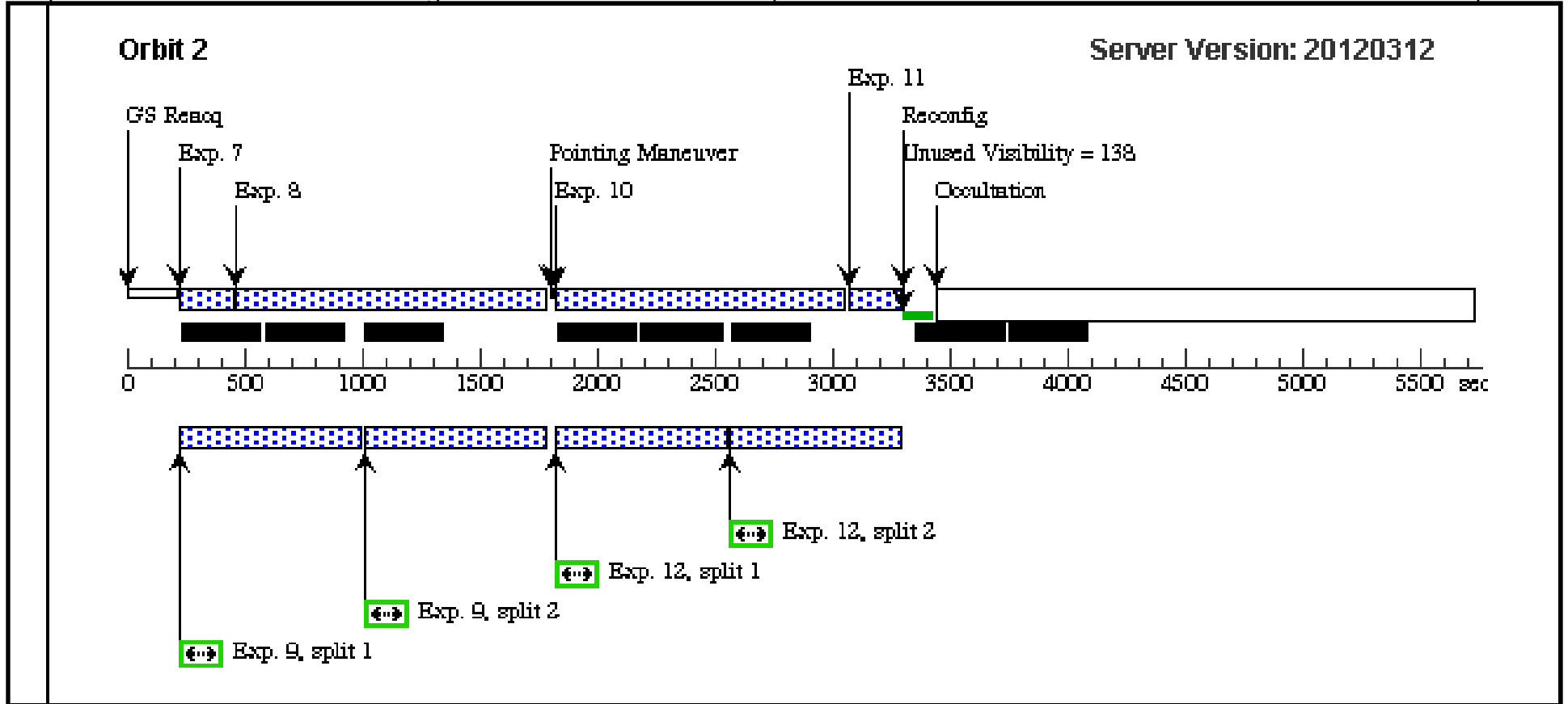
Proposal 12547 - Visit 09 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Visit	Proposal 12547, Visit 09, scheduling Tue May 01 01:10:05 GMT 2012 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 71D TO 188 D; ORIENT 251D TO 8 D																
	(Visit 09) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(9)</td> <td>EGS12004754</td> <td>RA: 14 16 42.1472 (214.1756133d) Dec: +52 25 19.29 (52.42202d) Equinox: J2000</td> <td></td> <td>V=(?) I = 21.2 (AB), z=1.03</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(9)	EGS12004754	RA: 14 16 42.1472 (214.1756133d) Dec: +52 25 19.29 (52.42202d) Equinox: J2000		V=(?) I = 21.2 (AB), z=1.03	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(9)	EGS12004754	RA: 14 16 42.1472 (214.1756133d) Dec: +52 25 19.29 (52.42202d) Equinox: J2000		V=(?) I = 21.2 (AB), z=1.03	Reference Frame: ICRS												

Proposal 12547 - Visit 09 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(9) EGS12004754	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Group 1-3 in Visit 09	[==>]	[1]	
	2	(9) EGS12004754	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100		Prime + Parallel Group 1-3 in Visit 09	[==>]	[1]	
	3	(9) EGS12004754	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 1-3 in Visit 09	1120 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	4	(9) EGS12004754	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 09	[==>]	[1]	
	5	(9) EGS12004754	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 09	[==>]	[1]	
	6	(9) EGS12004754	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 4-6 in Visit 09	1200 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	7	(9) EGS12004754	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 09	[==>]	[2]	
	8	(9) EGS12004754	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 09	[==>]	[2]	
	9	(9) EGS12004754	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 7-9 in Visit 09	1300 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	10	(9) EGS12004754	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 09	[==>]	[2]	
	11	(9) EGS12004754	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 09	[==>]	[2]	
	12	(9) EGS12004754	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 10-12 in Visit 09	1205 Secs [==>(Split 1)] [==>(Split 2)]	[2]	



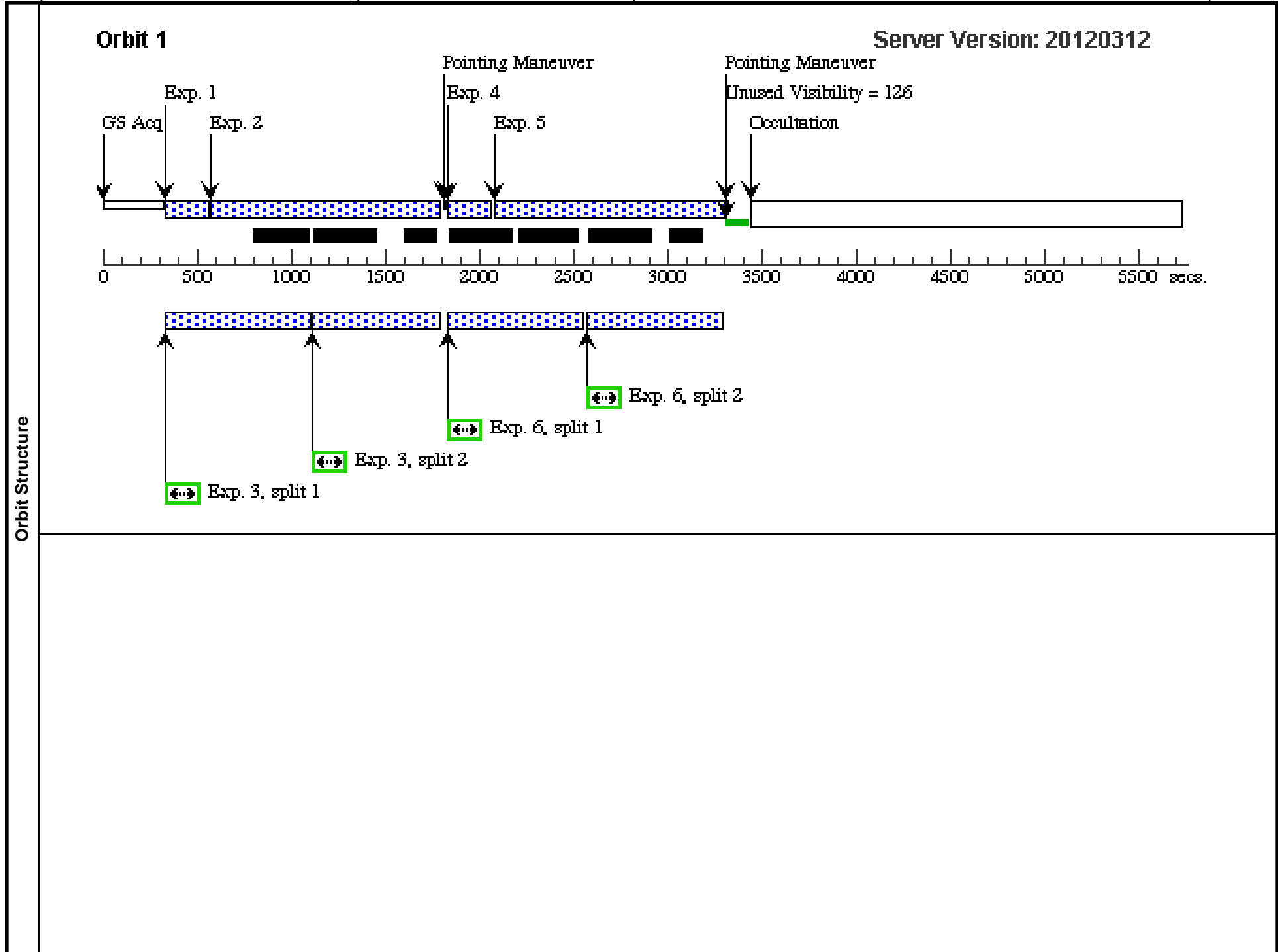


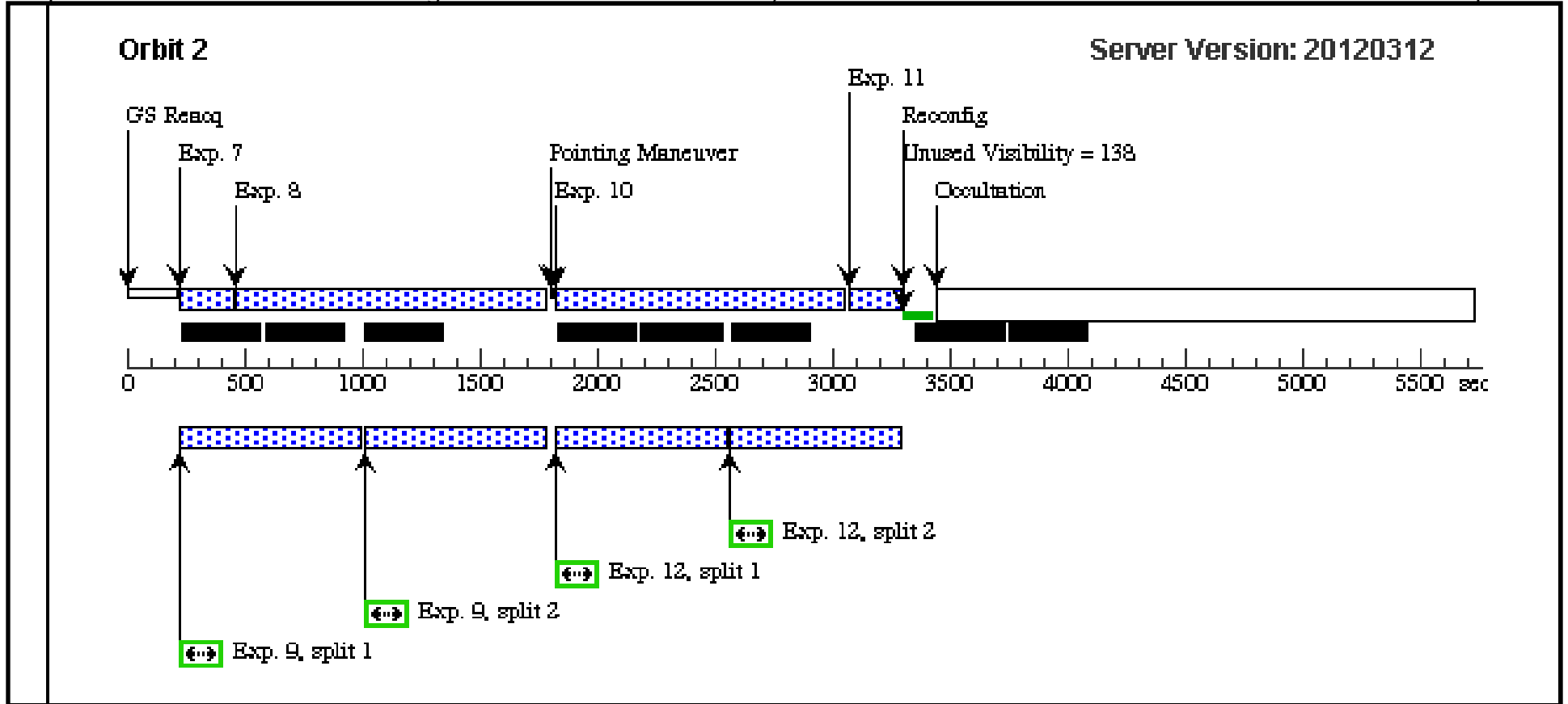
Proposal 12547 - Visit 10 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Visit	Proposal 12547, Visit 10, scheduling Tue May 01 01:10:06 GMT 2012 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 141D TO 269 D; ORIENT 321D TO 72 D																
	(Visit 10) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE																
Fixed Targets	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">#</th> <th style="width: 20%;">Name</th> <th style="width: 25%;">Target Coordinates</th> <th style="width: 20%;">Targ. Coord. Corrections</th> <th style="width: 15%;">Fluxes</th> <th style="width: 15%;">Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(10)</td> <td>EGS12024866</td> <td> RA: 14 18 19.3322 (214.5805508d) Dec: +52 42 21.88 (52.70608d) Equinox: J2000 </td> <td></td> <td> V=(?) I = 21.7 (AB), z=1.00 </td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(10)	EGS12024866	RA: 14 18 19.3322 (214.5805508d) Dec: +52 42 21.88 (52.70608d) Equinox: J2000		V=(?) I = 21.7 (AB), z=1.00	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(10)	EGS12024866	RA: 14 18 19.3322 (214.5805508d) Dec: +52 42 21.88 (52.70608d) Equinox: J2000		V=(?) I = 21.7 (AB), z=1.00	Reference Frame: ICRS												

Proposal 12547 - Visit 10 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(10) EGS12024866	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Group 1-3 in Visit 10	[==>]	[1]	
	2	(10) EGS12024866	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100		Prime + Parallel Group 1-3 in Visit 10	[==>]	[1]	
	3	(10) EGS12024866	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 1-3 in Visit 10	1120 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	4	(10) EGS12024866	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 10	[==>]	[1]	
	5	(10) EGS12024866	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 10	[==>]	[1]	
	6	(10) EGS12024866	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 4-6 in Visit 10	1200 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	7	(10) EGS12024866	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 10	[==>]	[2]	
	8	(10) EGS12024866	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 10	[==>]	[2]	
	9	(10) EGS12024866	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 7-9 in Visit 10	1300 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	10	(10) EGS12024866	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 10	[==>]	[2]	
	11	(10) EGS12024866	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 10	[==>]	[2]	
12	(10) EGS12024866	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 10-12 in Visit 10	1205 Secs [==>(Split 1)] [==>(Split 2)]	[2]		



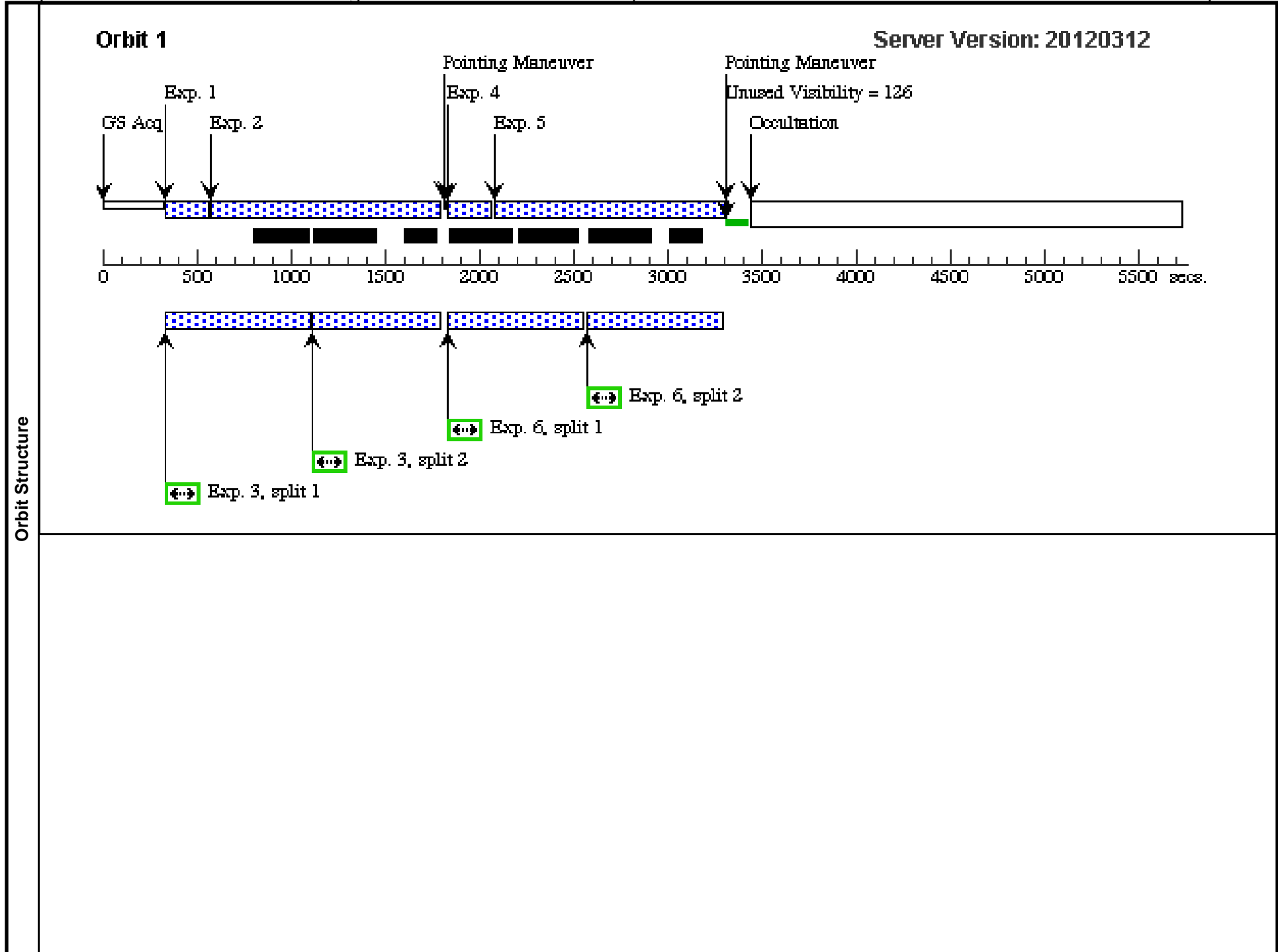


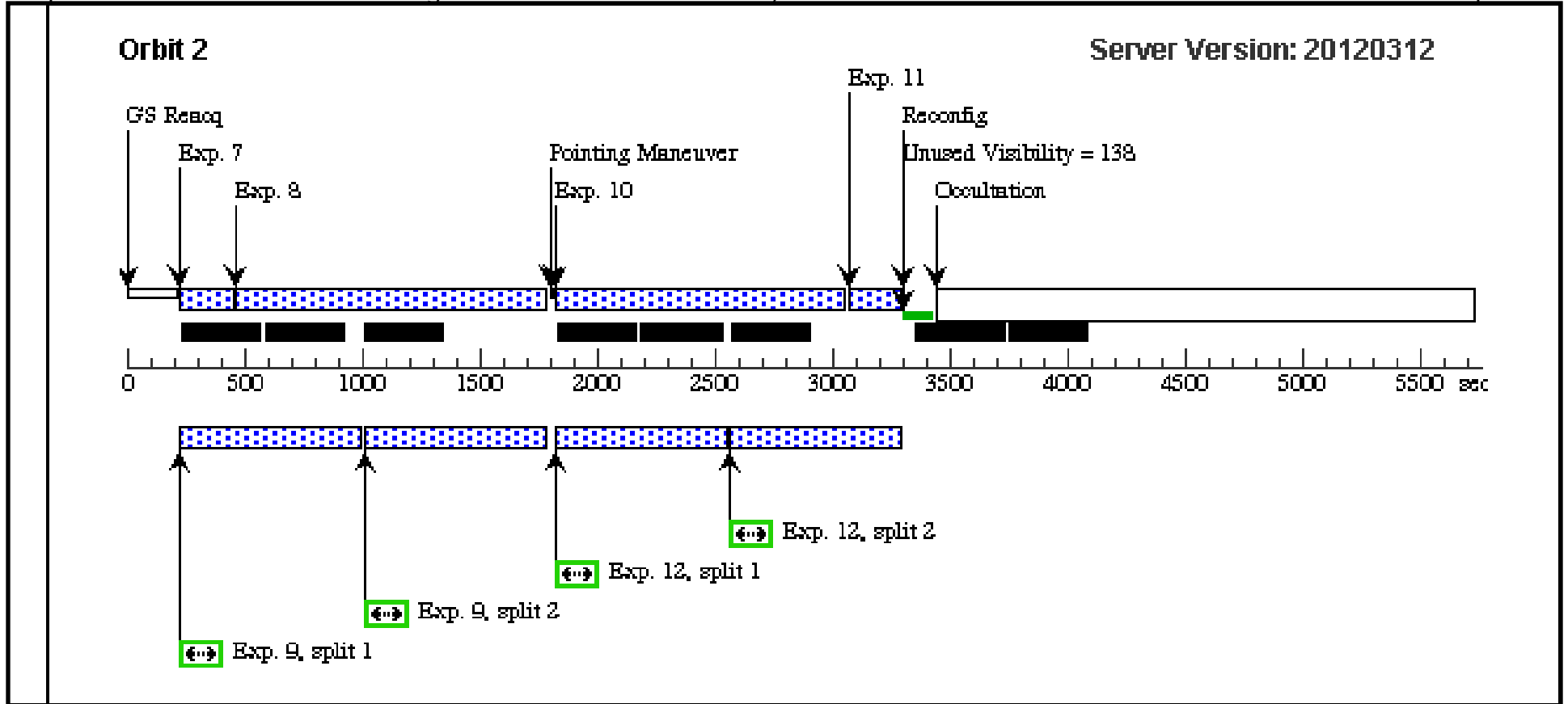
Proposal 12547 - Visit 11 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Visit	Proposal 12547, Visit 11, completed Tue May 01 01:10:07 GMT 2012 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 161D TO 180 D; ORIENT 341D TO 360 D; ORIENT 264D TO 311 D; ORIENT 84D TO 141 D; ORIENT 32D TO 57 D					
	(Visit 11) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE					
Diagnosics						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	EGS12004280	RA: 14 17 0.9229 (214.2538454d) Dec: +52 27 1.42 (52.45039d) Equinox: J2000		V=(?) I = 21.8 (AB), z=1.02	Reference Frame: ICRS

Proposal 12547 - Visit 11 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(11) EGS12004280	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Group 1-3 in Visit 11	[==>]	[1]	
	2	(11) EGS12004280	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100		Prime + Parallel Group 1-3 in Visit 11	[==>]	[1]	
	3	(11) EGS12004280	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 1-3 in Visit 11	1120 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	4	(11) EGS12004280	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 11	[==>]	[1]	
	5	(11) EGS12004280	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.6075,0 .1815	Prime + Parallel Group 4-6 in Visit 11	[==>]	[1]	
	6	(11) EGS12004280	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 4-6 in Visit 11	1200 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	7	(11) EGS12004280	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 11	[==>]	[2]	
	8	(11) EGS12004280	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG 0.27,0.6 655	Prime + Parallel Group 7-9 in Visit 11	[==>]	[2]	
	9	(11) EGS12004280	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 7-9 in Visit 11	1300 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	10	(11) EGS12004280	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 11	[==>]	[2]	
	11	(11) EGS12004280	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG -0.3375, 0.484	Prime + Parallel Group 10-12 in Visit 11	[==>]	[2]	
12	(11) EGS12004280	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Group 10-12 in Visit 11	1205 Secs [==>(Split 1)] [==>(Split 2)]	[2]		





Proposal 12547 - Visit 12 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Visit	Proposal 12547, Visit 12, scheduling Tue May 01 01:10:07 GMT 2012 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 135D TO 173 D; ORIENT 218D TO 225 D; ORIENT 315D TO 353 D; ORIENT 25D TO 45 D																
	(Visit 12) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(12)</td> <td>EGS12007881.12012083</td> <td>RA: 14 18 0.1800 (214.5007500d) Dec: +52 31 11.40 (52.51983d) Equinox: J2000</td> <td></td> <td>V=(?) I = 20.9 (AB), z=1.16 and I = 21.5 (AB), z=1.12</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(12)	EGS12007881.12012083	RA: 14 18 0.1800 (214.5007500d) Dec: +52 31 11.40 (52.51983d) Equinox: J2000		V=(?) I = 20.9 (AB), z=1.16 and I = 21.5 (AB), z=1.12	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(12)	EGS12007881.12012083	RA: 14 18 0.1800 (214.5007500d) Dec: +52 31 11.40 (52.51983d) Equinox: J2000		V=(?) I = 20.9 (AB), z=1.16 and I = 21.5 (AB), z=1.12	Reference Frame: ICRS												

Proposal 12547 - Visit 12 - Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectr...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(12) EGS12007881.1 2012083	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 1-3 in Visit 12	[==>]	[1]
	2		(12) EGS12007881.1 2012083	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 1-3 in Visit 12	[==>]	[1]
	3		(12) EGS12007881.1 2012083	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Gro up 1-3 in Visit 12	1120 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4		(12) EGS12007881.1 2012083	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.6075,0 .1815	Prime + Parallel Gro up 4-6 in Visit 12	[==>]	[1]
	5		(12) EGS12007881.1 2012083	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.6075,0 .1815	Prime + Parallel Gro up 4-6 in Visit 12	[==>]	[1]
	6		(12) EGS12007881.1 2012083	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Gro up 4-6 in Visit 12	1200 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	7		(12) EGS12007881.1 2012083	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG 0.27,0.6 655	Prime + Parallel Gro up 7-9 in Visit 12	[==>]	[2]
	8		(12) EGS12007881.1 2012083	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG 0.27,0.6 655	Prime + Parallel Gro up 7-9 in Visit 12	[==>]	[2]
	9		(12) EGS12007881.1 2012083	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Gro up 7-9 in Visit 12	1300 Secs [==>(Split 1)] [==>(Split 2)]	[2]
	10		(12) EGS12007881.1 2012083	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.3375, 0.484	Prime + Parallel Gro up 10-12 in Visit 12	[==>]	[2]
	11		(12) EGS12007881.1 2012083	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S25	POS TARG -0.3375, 0.484	Prime + Parallel Gro up 10-12 in Visit 12	[==>]	[2]
	12		(12) EGS12007881.1 2012083	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=2		Prime + Parallel Gro up 10-12 in Visit 12	1205 Secs [==>(Split 1)] [==>(Split 2)]	[2]

