12298 - Towards a Physical Understanding of the Diversity of Type Ia Supernovae

Cycle: 18, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(1) PTF10YGU	STIS/CCD	1	07-Sep-2011 21:01:20.0	yes
02	(1) PTF10YGU	STIS/CCD	1	07-Sep-2011 21:01:24.0	yes
03	(1) PTF10YGU	STIS/CCD	1	07-Sep-2011 21:01:28.0	yes
04	(1) PTF10YGU	STIS/CCD	1	07-Sep-2011 21:01:31.0	yes
05	(1) PTF10YGU	STIS/CCD	3	07-Sep-2011 21:01:36.0	yes
06	(1) PTF10YGU	STIS/CCD	3	07-Sep-2011 21:01:42.0	yes
08	(2) SN2011BY	STIS/CCD	1	07-Sep-2011 21:01:49.0	yes
09	(2) SN2011BY	STIS/CCD	1	07-Sep-2011 21:01:52.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
10	(2) SN2011BY	STIS/CCD	1	07-Sep-2011 21:01:56.0	yes
11	(2) SN2011BY	STIS/CCD	1	07-Sep-2011 21:01:59.0	yes
12	(2) SN2011BY	STIS/CCD	1	07-Sep-2011 21:02:02.0	yes
13	(2) SN2011BY	STIS/CCD STIS/NUV-MAMA	3	07-Sep-2011 21:02:06.0	yes
14	(2) SN2011BY	STIS/CCD STIS/NUV-MAMA	2	07-Sep-2011 21:02:10.0	yes
36	(3) SN2011EK	STIS/CCD	1	07-Sep-2011 21:02:14.0	yes
37	(3) SN2011EK	STIS/CCD	1	07-Sep-2011 21:02:17.0	yes
38	(3) SN2011EK	STIS/CCD	1	07-Sep-2011 21:02:19.0	yes
39	(3) SN2011EK	STIS/CCD	1	07-Sep-2011 21:02:22.0	yes
40	(3) SN2011EK	STIS/CCD	1	07-Sep-2011 21:02:25.0	yes
41	(3) SN2011EK	STIS/CCD STIS/NUV-MAMA	3	07-Sep-2011 21:02:29.0	yes
42	(3) SN2011EK	STIS/CCD STIS/NUV-MAMA	2	07-Sep-2011 21:02:32.0	yes
43	(4) PTF11KLY CCDFLAT	STIS/CCD	1	07-Sep-2011 21:02:37.0	yes
44	(4) PTF11KLY CCDFLAT	STIS/CCD	1	07-Sep-2011 21:02:42.0	yes
45	(4) PTF11KLY CCDFLAT	STIS/CCD	1	07-Sep-2011 21:02:50.0	yes
46	(4) PTF11KLY CCDFLAT	STIS/CCD	1	07-Sep-2011 21:02:58.0	yes
47	(4) PTF11KLY CCDFLAT	STIS/CCD	1	07-Sep-2011 21:03:07.0	yes
48	(4) PTF11KLY	STIS/CCD STIS/NUV-MAMA	2	07-Sep-2011 21:03:11.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
49	(4) PTF11KLY	STIS/CCD STIS/NUV-MAMA	1	07-Sep-2011 21:03:14.0	yes
50	(4) PTF11KLY ANY CCDFLAT	STIS/CCD STIS/FUV-MAMA WFC3/IR WFC3/UVIS	4	07-Sep-2011 21:03:33.0	yes
51	(4) PTF11KLY ANY CCDFLAT	STIS/CCD STIS/NUV-MAMA WFC3/UVIS	2	07-Sep-2011 21:03:50.0	yes
52	(4) PTF11KLY CCDFLAT	STIS/CCD STIS/NUV-MAMA	2	07-Sep-2011 21:04:00.0	yes
53	(4) PTF11KLY CCDFLAT	STIS/CCD STIS/NUV-MAMA	2	07-Sep-2011 21:04:11.0	yes
54	(4) PTF11KLY CCDFLAT	STIS/CCD STIS/NUV-MAMA	2	07-Sep-2011 21:04:19.0	yes

50 Total Orbits Used

ABSTRACT

Type Ia supernovae (SNe Ia) represent the most mature and productive probe of the dark energy invoked to explain the cosmic acceleration. Considerable resources are being invested with HST and ground-based facilities to detect and measure the properties of distant SNe Ia for this purpose. However, there is not yet a convincing physical model for these events and important correlations have been found between the intrinsic properties of SNe Ia and their host galaxy environment. These suggest diverse ways in which the explosions may occur and highlight the importance of the progenitor metallicity and its relationship to the resulting light curve. We propose a new Target of Opportunity campaign to track and model the time evolution of the UV via spectroscopy of 5 carefully-selected local SNe Ia from soon after the explosion through maximum light. Early phase UV spectroscopy will provide a key diagnostic of the progenitor composition and time-sequence modeling will probe the density structure and its relevance to a variety of explosive models. Recent progress in detailed SNe Ia modeling and in locating early SNe Ia with the highly-successful Palomar Transient Factory now make it practical to embark on such a detailed campaign. The results will significantly improve our ability to understand the validity and limitations of the use of SNe Ia as future cosmological probes.

OBSERVING DESCRIPTION

Our goal is to construct a sample of UV spectra for 5 SNe Ia for a detailed comparison with theoretical models of SN Ia investigating the role of metallicity in SNe Ia. We will draw our target SNe Ia from "rolling" ground-based searches such as the Palomar Transient Factory (PTF). We will restrict our follow-up to events to $0.01<z<0.03$, and to those candidates located around 15 days before peak brightness.

Following each discovery and multi-colour photometric screening of all candidates, spectroscopic confirmation of promising events is expected within 24 hours. As types and redshifts are confirmed, target coordinates will be entered into our Phase II and we will trigger a ToO.

Each ToO will comprise observations on 5 distinct epochs: immediately following the ToO, and then at intervals of every 4 days. There will be 10 orbits per trigger spread over these 5 epochs. On 2 epochs we will observe in two configuations: STIS CCD/430L and STIS/NUV-MAMA G230L, and on the other 3 epochs in CD/430L alone.

Target acquisition: Coordinates in the GSC2 system and/or offsets from GSC2 stars accurate to 0.1" will always be available. As all SNe observed will be brighter than 19th magnitude at the time of STIS observation and we will use the 0.2" slit, the standard STIS acquisition for point sources can be used. Although the SNe will lie on a diffuse background from their host galaxy, at the resolution of HST the SN will be cleanly isolated from, and much brighter than, the host. In the very rare cases where the host galaxy could confuse the automatic acquisition process, we will instead offset from nearby bright stars.

REAL TIME JUSTIFICATION

No realtime requirements.

CALIBRATION JUSTIFICATION

No special calibrations required.

ADDITIONAL COMMENTS

This is a ToO proposal. We will update our phase 2 with the supernova coordinates as they become available.

Visit

Proposal 12298, Visit 01, completed Thu Sep 08 01:04:25 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; BEFORE 15-OCT-2010:23:59:59

Comments: First epoch CCD spectroscopy

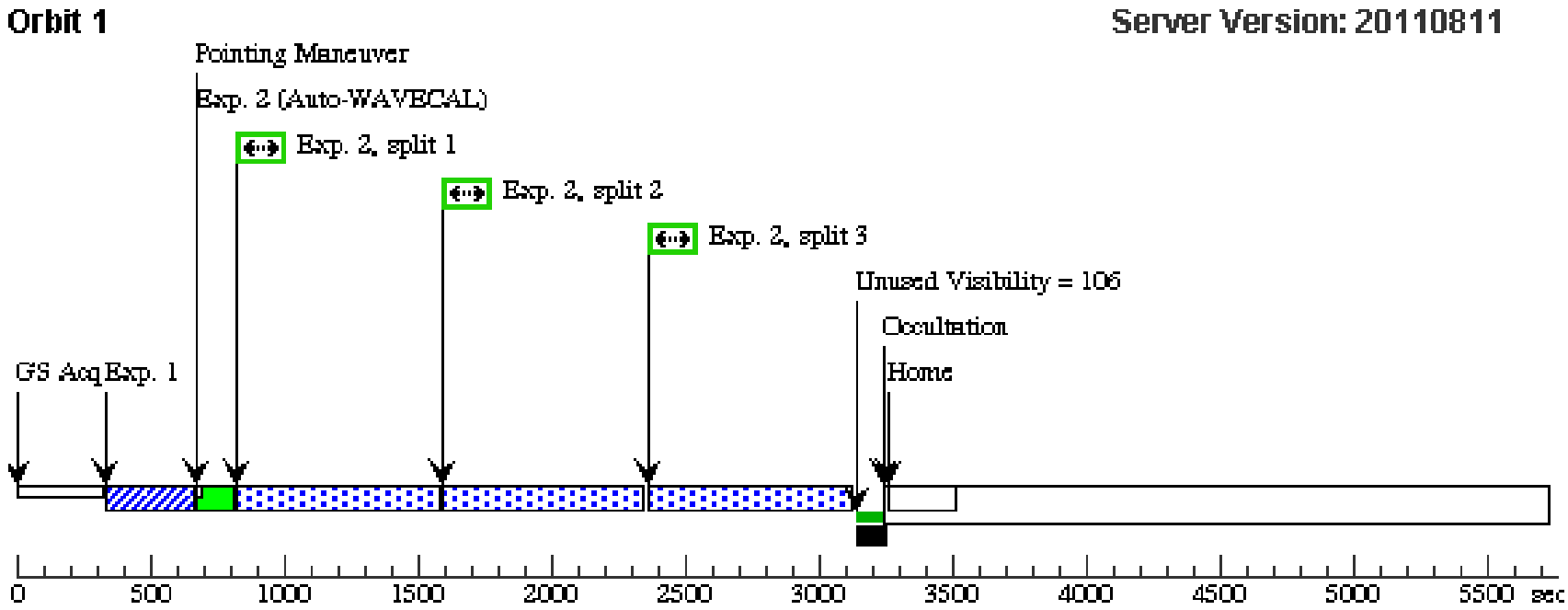
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	PTF10YGU	RA: 09 37 30.2980 (144.3762417d) Dec: +23 09 33.58 (23.15933d) Equinox: J2000	Redshift: 0.025	V=16+/-0.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(1) PTF10YGU	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			25 Secs *[==>]*	*[1]*
2	CCD UVSpectrum	(1) PTF10YGU	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			2200 Secs *[==>725 Secs (Split 1)]* *[==>725 Secs (Split 2)]* *[==>725 Secs (Split 3)]*	*[1]*

Orbit Structure



Visit

Proposal 12298, Visit 02, completed Thu Sep 08 01:04:27 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 01 BY 4 D TO 5 D

Comments: Second epoch CCD spectroscopy

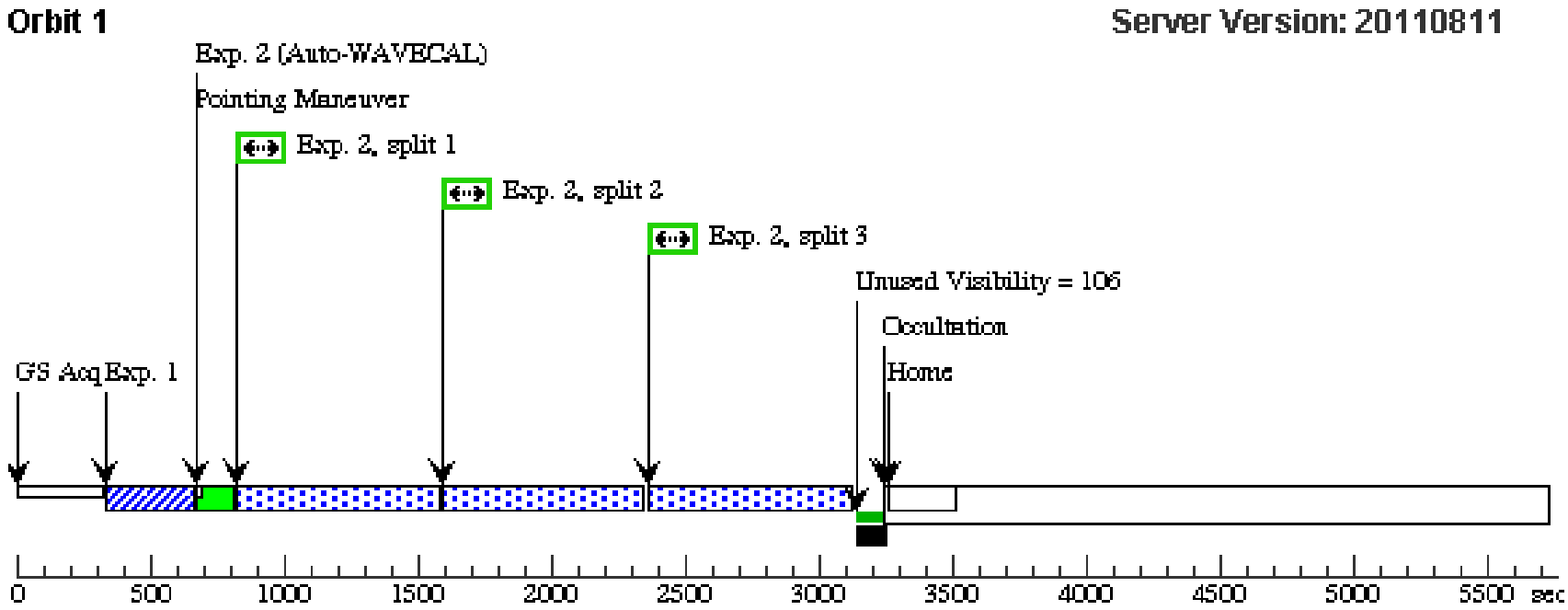
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	PTF10YGU	RA: 09 37 30.2980 (144.3762417d) Dec: +23 09 33.58 (23.15933d) Equinox: J2000	Redshift: 0.025	V=16+/-0.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(1) PTF10YGU	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			25 Secs *[==>]*	*[1]*
2	CCD UVSpectrum	(1) PTF10YGU	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			2200 Secs *[==>725 Secs (Split 1)]* *[==>725 Secs (Split 2)]* *[==>725 Secs (Split 3)]*	*[1]*

Orbit Structure



Visit

Proposal 12298, Visit 03, completed Thu Sep 08 01:04:27 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 02 BY 5 D TO 6 D

Comments: Third epoch CCD spectroscopy

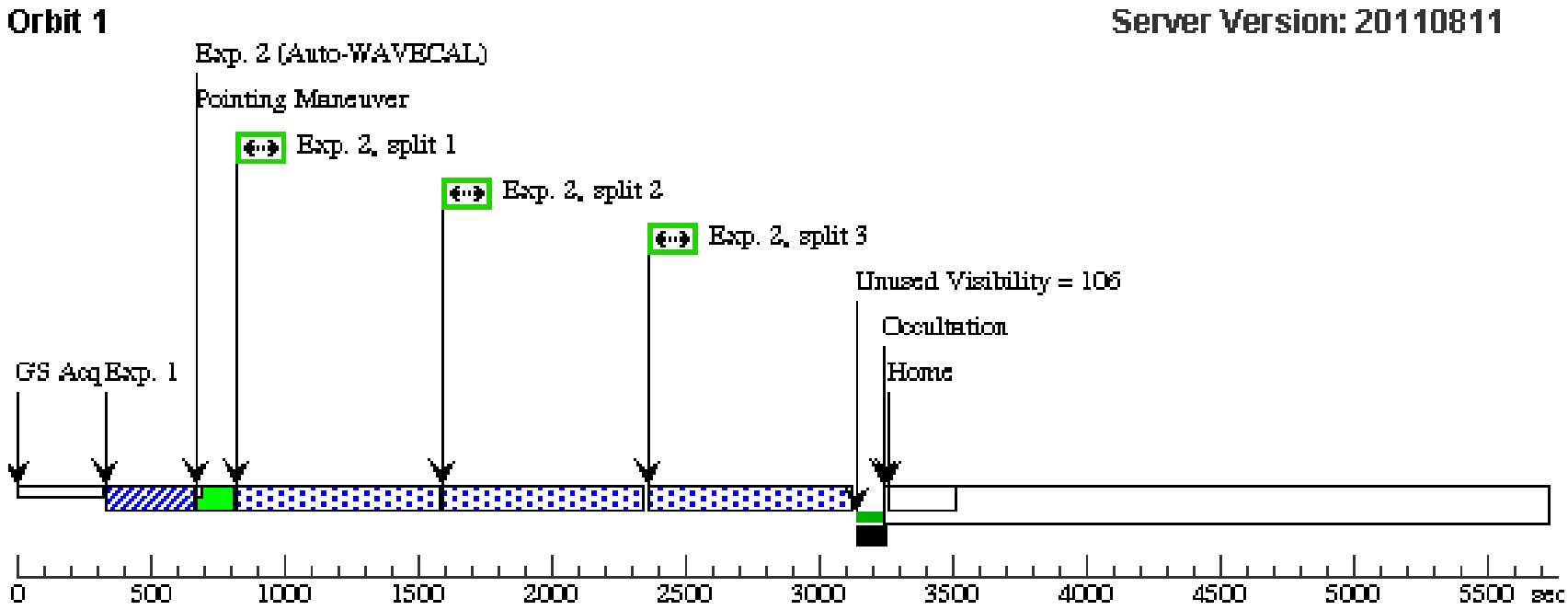
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	PTF10YGU	RA: 09 37 30.2980 (144.3762417d) Dec: +23 09 33.58 (23.15933d) Equinox: J2000	Redshift: 0.025	V=16+/-0.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(1) PTF10YGU	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			25 Secs *[==>]*	*[1]*
2	CCD UVSpectrum	(1) PTF10YGU	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			2200 Secs *[==>725 Secs (Split 1)]* *[==>725 Secs (Split 2)]* *[==>725 Secs (Split 3)]*	*[1]*

Orbit Structure



Visit

Proposal 12298, Visit 04, completed Thu Sep 08 01:04:27 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 03 BY 5 D TO 6 D

Comments: Fourth epoch CCD spectroscopy

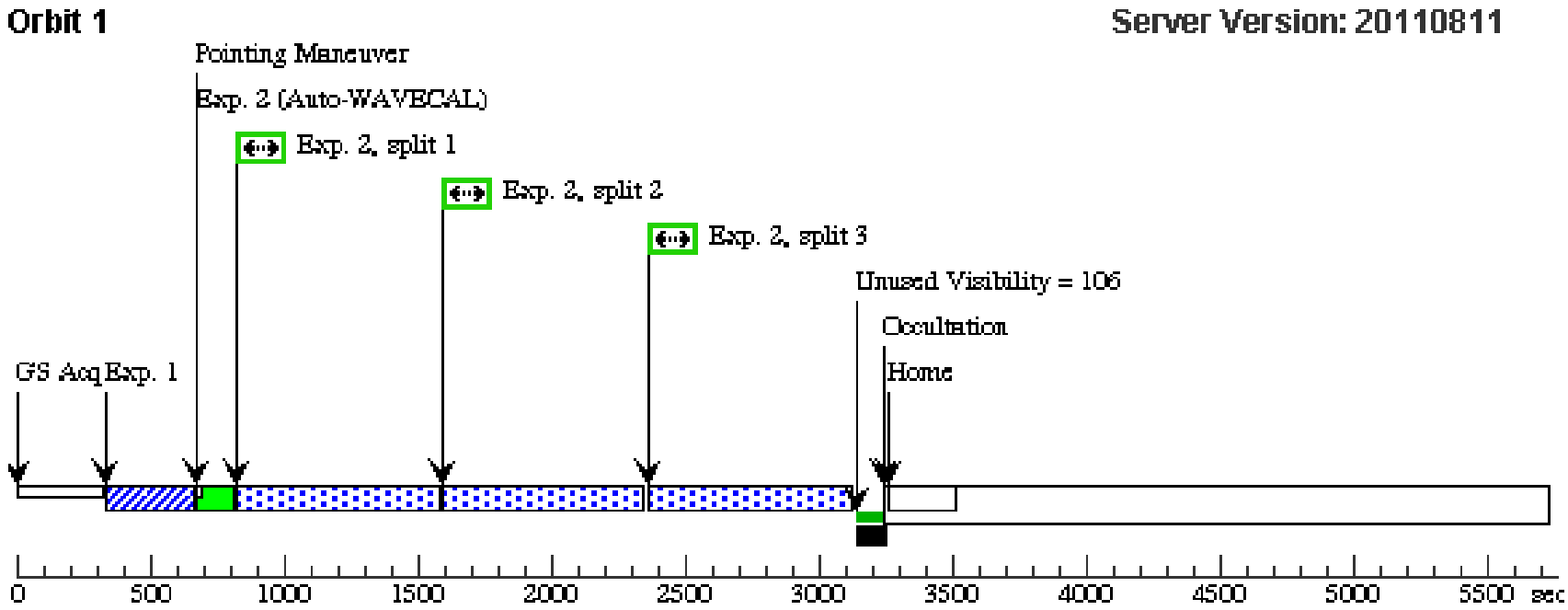
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	PTF10YGU	RA: 09 37 30.2980 (144.3762417d) Dec: +23 09 33.58 (23.15933d) Equinox: J2000	Redshift: 0.025	V=16+/-0.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(1) PTF10YGU	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			25 Secs *[==>]*	*[1]*
2	CCD UVSpectrum	(1) PTF10YGU	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			2200 Secs *[==>725 Secs (Split 1)]* *[==>725 Secs (Split 2)]* *[==>725 Secs (Split 3)]*	*[1]*

Orbit Structure



Visit

Proposal 12298, Visit 05, completed Thu Sep 08 01:04:28 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 02 BY 1 H TO 2 H

Comments: First epoch far-UV spectroscopy

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=STIS-ALONG-SLIT	Coordinate Frame=POS-TARG		(2)
	Purpose=DITHER	Pattern Orientation=90.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.35	Center Pattern=false		
	Line Spacing=			

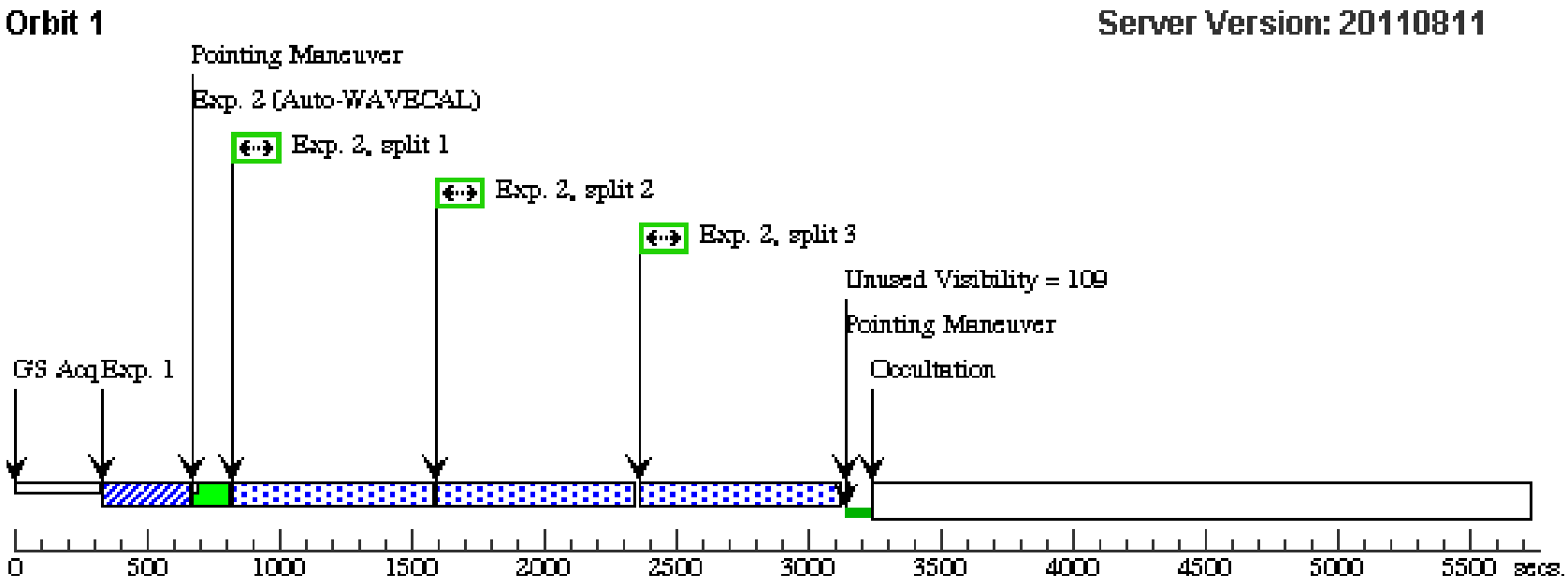
Fixed Targets

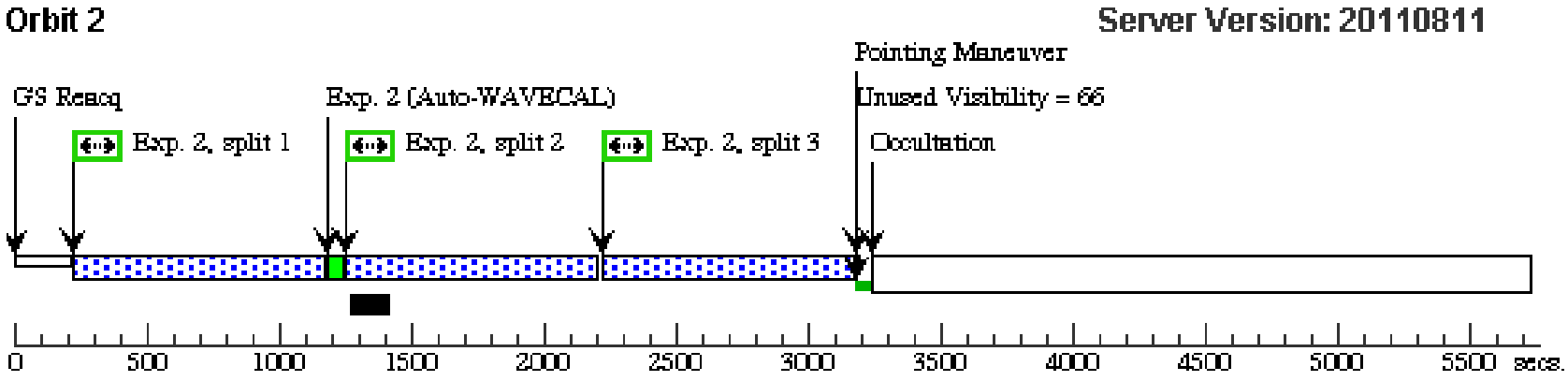
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	PTF10YGU	RA: 09 37 30.2980 (144.3762417d) Dec: +23 09 33.58 (23.15933d) Equinox: J2000	Redshift: 0.025	V=16+/-0.5	Reference Frame: ICRS

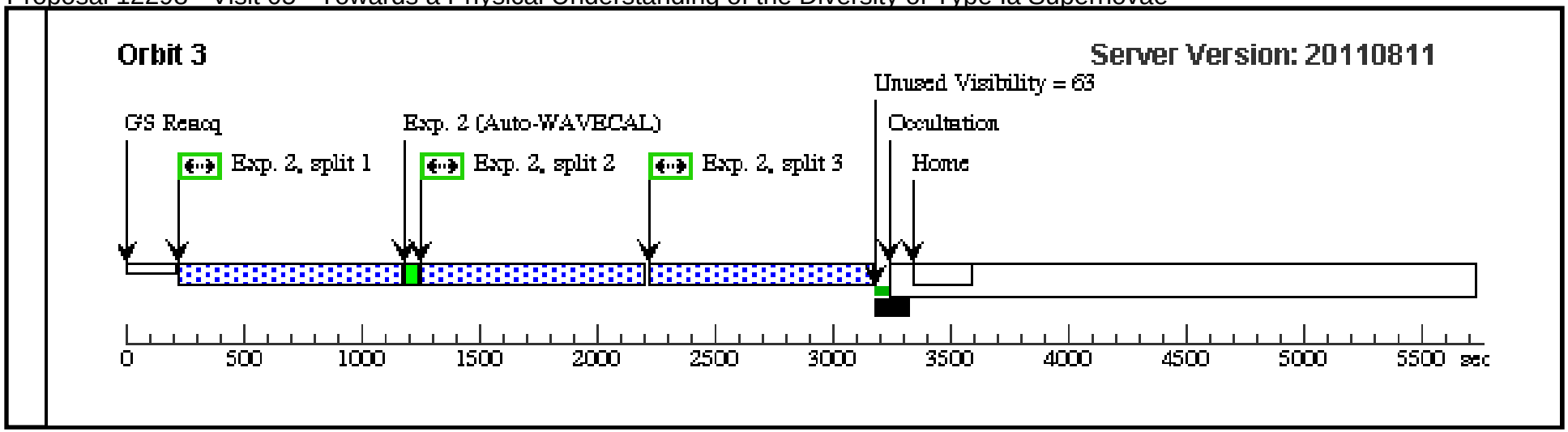
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(1) PTF10YGU	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			25 Secs	
								[==>]	***[1]***
2	CCD far-UV Spectrum 1	(1) PTF10YGU	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A	CR-SPLIT=3		Pattern 1, Exps 2-2 in Visit 05 (1)	2100 Secs	
								[==>725 Secs (Pattern 1, Split 1)]	
								[==>725 Secs (Pattern 1, Split 2)]	***[1]***
								[==>725 Secs (Pattern 1, Split 3)]	
								[==>915 Secs (Pattern 2, Split 1)]	
								[==>915 Secs (Pattern 2, Split 2)]	***[2]***
								[==>915 Secs (Pattern 2, Split 3)]	
								[==>915 Secs (Pattern 3, Split 1)]	
								[==>915 Secs (Pattern 3, Split 2)]	***[3]***
								[==>915 Secs (Pattern 3, Split 3)]	

Orbit Structure






Orbit 3
Server Version: 20110811
Unused Visibility = 63
GS Reacq
Exp. 2 (Auto-WAVECAL)
Occultation
Exp. 2, split 1
Exp. 2, split 2
Exp. 2, split 3
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12298, Visit 06, completed Thu Sep 08 01:04:29 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 03 BY 1 H TO 2 H

Comments: Second epoch far-UV spectroscopy

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=STIS-ALONG-SLIT	Coordinate Frame=POS-TARG		(2)
	Purpose=DITHER	Pattern Orientation=90.0		
	Number Of Points=3	Angle Between Sides=		
	Point Spacing=0.35	Center Pattern=false		
	Line Spacing=			

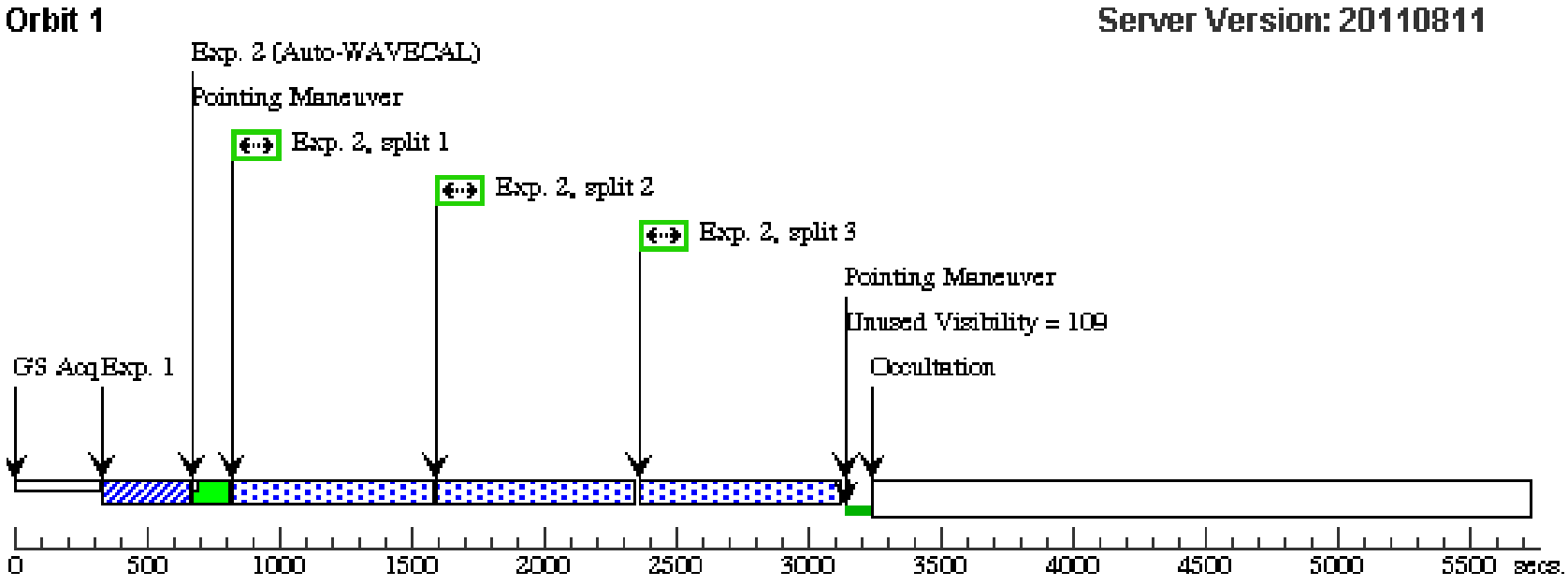
Fixed Targets

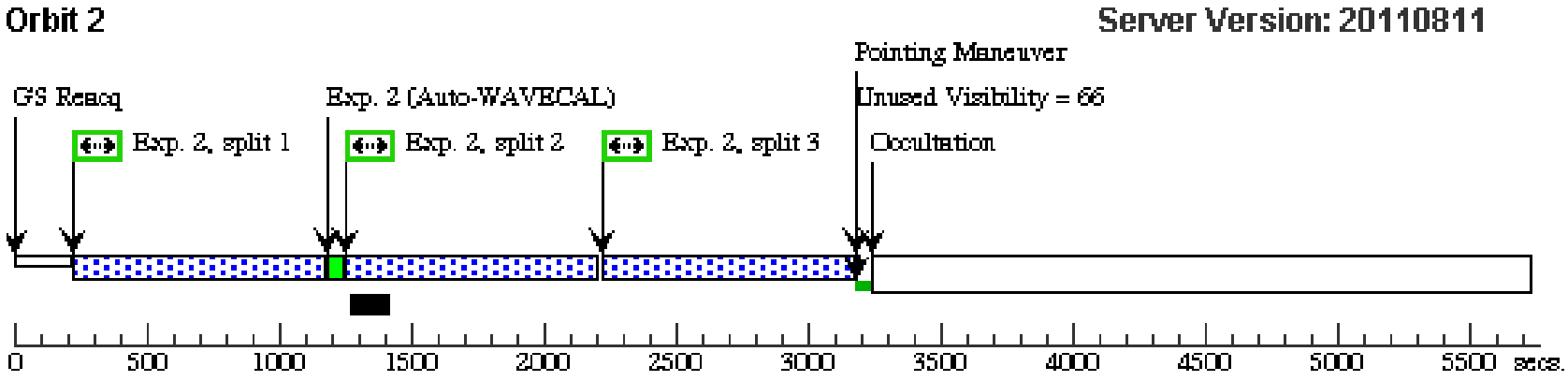
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	PTF10YGU	RA: 09 37 30.2980 (144.3762417d) Dec: +23 09 33.58 (23.15933d) Equinox: J2000	Redshift: 0.025	V=16+/-0.5	Reference Frame: ICRS

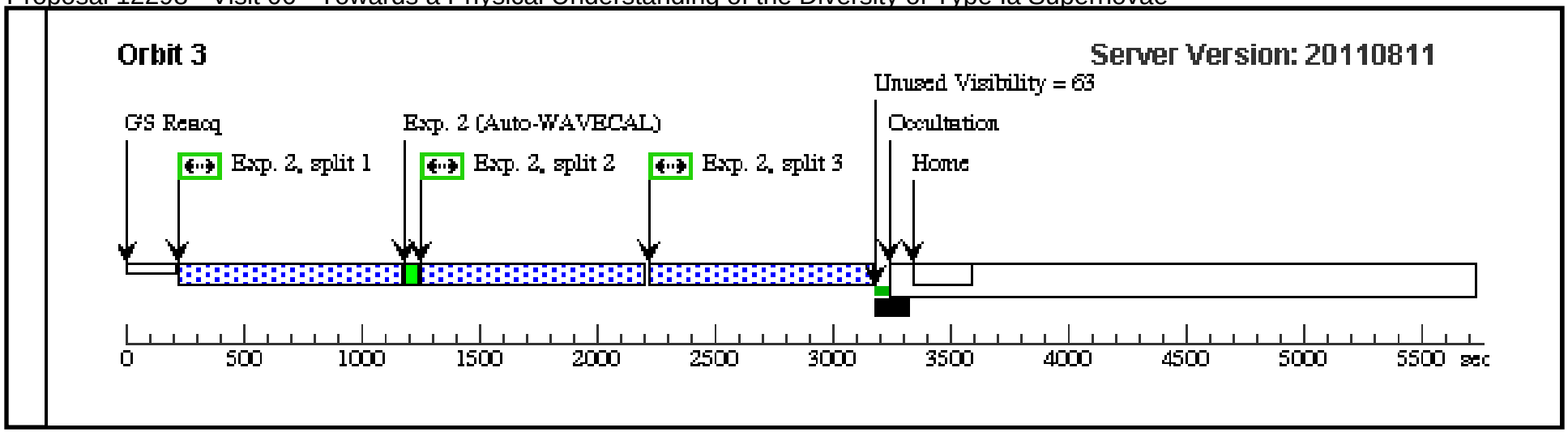
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(1) PTF10YGU	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			25 Secs	
								[==>]	***[1]***
2	CCD far-UV Spectrum 2	(1) PTF10YGU	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A	CR-SPLIT=3		Pattern 1, Exps 2-2 in Visit 06 (1)	2100 Secs	
								[==>725 Secs (Pattern 1, Split 1)]	
								[==>725 Secs (Pattern 1, Split 2)]	***[1]***
								[==>725 Secs (Pattern 1, Split 3)]	
								[==>915 Secs (Pattern 2, Split 1)]	
								[==>915 Secs (Pattern 2, Split 2)]	***[2]***
								[==>915 Secs (Pattern 2, Split 3)]	
								[==>915 Secs (Pattern 3, Split 1)]	
								[==>915 Secs (Pattern 3, Split 2)]	***[3]***
								[==>915 Secs (Pattern 3, Split 3)]	

Orbit Structure






Orbit 3
Server Version: 20110811
Unused Visibility = 63
GS Reacq
Exp. 2 (Auto-WAVECAL)
Occultation
Exp. 2, split 1
Exp. 2, split 2
Exp. 2, split 3
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12298, Visit 08, completed Thu Sep 08 01:04:29 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; ON HOLD

Comments: First epoch CCD spectroscopy

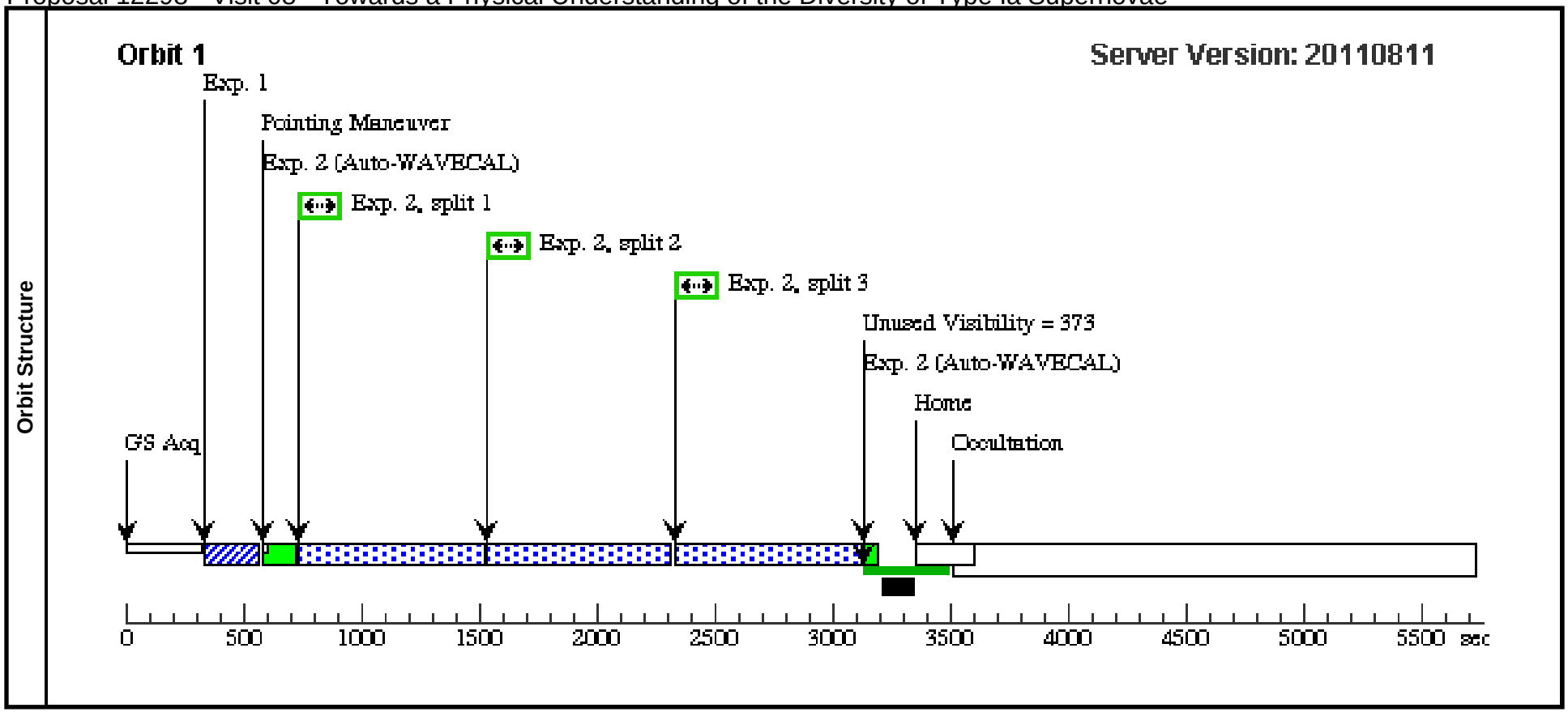
On Hold Comments: Target of opportunity

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	SN2011BY	RA: 11 55 45.5600 (178.9398333d) Dec: +55 19 33.80 (55.32606d) Equinox: J2000	Radial Velocity: 852 km/sec	V=12.1+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(2) SN2011BY	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			2 Secs	
								[==>]	***[1]***
2	CCD UVSpectrum	(2) SN2011BY	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			2200 Secs	
								[==>754.3 Secs (Split 1)] *[==>754.3 Secs (Split 2)]* *[==>754.3 Secs (Split 3)]*	***[1]***


Orbit Structure
Orbit 1
Server Version: 20110811
Exp. 1
Pointing Maneuver
Exp. 2 (Auto-WAVECAL)
Exp. 2, split 1
Exp. 2, split 2
Exp. 2, split 3
Unused Visibility = 373
Exp. 2 (Auto-WAVECAL)
Home
Occultation
GS Acq
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12298, Visit 09, completed Thu Sep 08 01:04:29 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 08 BY 4 D TO 5 D; ON HOLD

Comments: Second epoch CCD spectroscopy

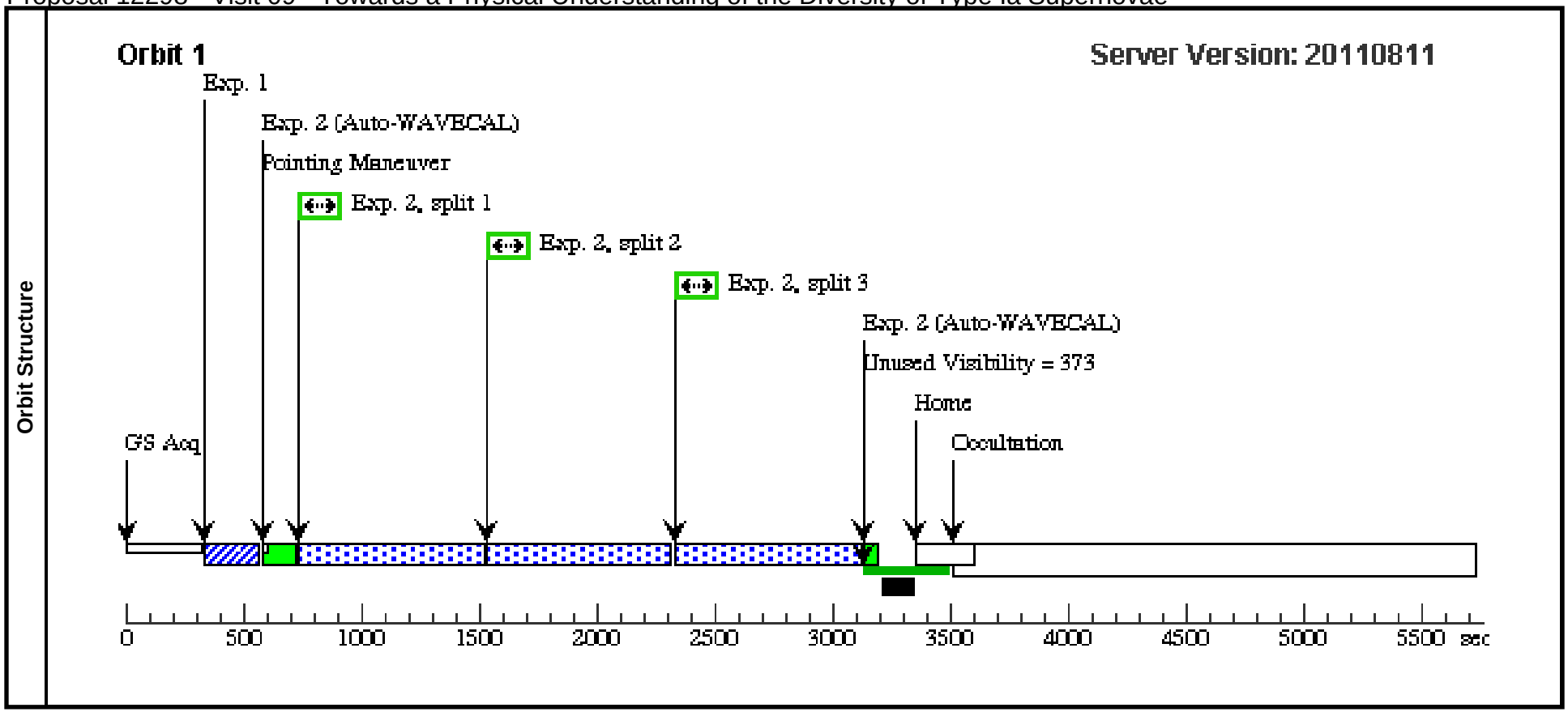
On Hold Comments: Target of opportunity

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	SN2011BY	RA: 11 55 45.5600 (178.9398333d) Dec: +55 19 33.80 (55.32606d) Equinox: J2000	Radial Velocity: 852 km/sec	V=12.1+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(2) SN2011BY	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			2 Secs	
								[==>]	***[1]***
2	CCD UVSpectrum	(2) SN2011BY	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			2200 Secs	
								[==>754.3 Secs (Split 1)] *[==>754.3 Secs (Split 2)]* *[==>754.3 Secs (Split 3)]*	***[1]***


Orbit Structure
Orbit 1
Server Version: 20110811
Exp. 1
Exp. 2 (Auto-WAVECAL)
Pointing Maneuver
Exp. 2, split 1
Exp. 2, split 2
Exp. 2, split 3
Exp. 2 (Auto-WAVECAL)
Unused Visibility = 373
Home
Occultation
GS Acq
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12298, Visit 10, completed Thu Sep 08 01:04:30 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 09 BY 4 D TO 5 D; ON HOLD

Comments: Third epoch CCD spectroscopy

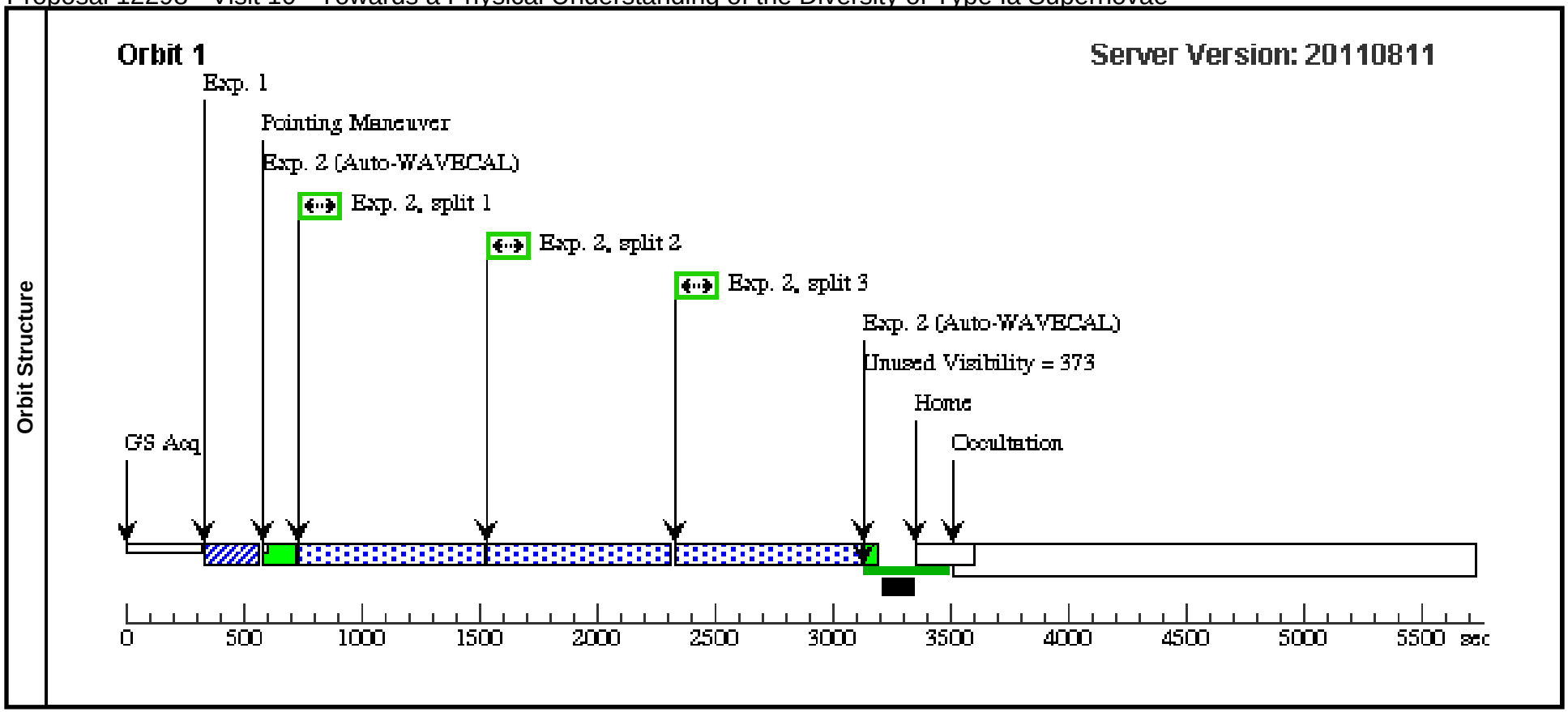
On Hold Comments: Target of opportunity

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	SN2011BY	RA: 11 55 45.5600 (178.9398333d) Dec: +55 19 33.80 (55.32606d) Equinox: J2000	Radial Velocity: 852 km/sec	V=12.1+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(2) SN2011BY	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			2 Secs	
								[==>]	***[1]***
2	CCD UVSpectrum	(2) SN2011BY	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			2200 Secs	
								[==>754.3 Secs (Split 1)] *[==>754.3 Secs (Split 2)]* *[==>754.3 Secs (Split 3)]*	***[1]***


Orbit Structure
Orbit 1
Server Version: 20110811
Exp. 1
Pointing Maneuver
Exp. 2 (Auto-WAVECAL)
Exp. 2, split 1
Exp. 2, split 2
Exp. 2, split 3
Exp. 2 (Auto-WAVECAL)
Unused Visibility = 373
Home
Occultation
GS Acq
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12298, Visit 11, completed Thu Sep 08 01:04:30 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 10 BY 4 D TO 5 D; ON HOLD

Comments: Fourth epoch CCD spectroscopy

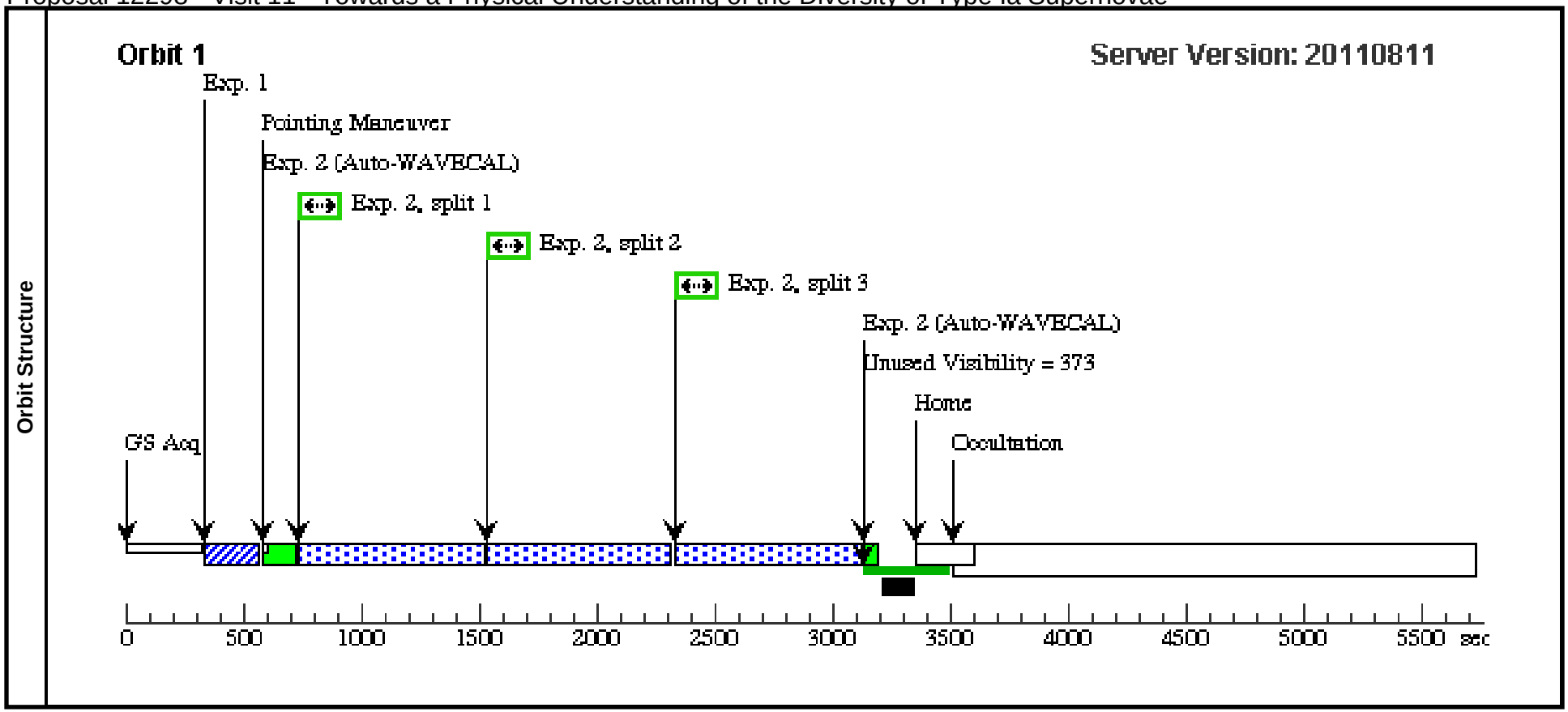
On Hold Comments: Target of opportunity

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	SN2011BY	RA: 11 55 45.5600 (178.9398333d) Dec: +55 19 33.80 (55.32606d) Equinox: J2000	Radial Velocity: 852 km/sec	V=12.1+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(2) SN2011BY	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			2 Secs	
								[==>]	***[1]***
2	CCD UVSpectrum	(2) SN2011BY	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			2200 Secs	
								[==>754.3 Secs (Split 1)] *[==>754.3 Secs (Split 2)]* *[==>754.3 Secs (Split 3)]*	***[1]***


Orbit Structure
Orbit 1
Server Version: 20110811
Exp. 1
Pointing Maneuver
Exp. 2 (Auto-WAVECAL)
Exp. 2, split 1
Exp. 2, split 2
Exp. 2, split 3
Exp. 2 (Auto-WAVECAL)
Unused Visibility = 373
Home
Occultation
GS Acq
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12298, Visit 12, completed Thu Sep 08 01:04:31 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 11 BY 4 D TO 5 D; ON HOLD

Comments: Fifth epoch CCD spectroscopy

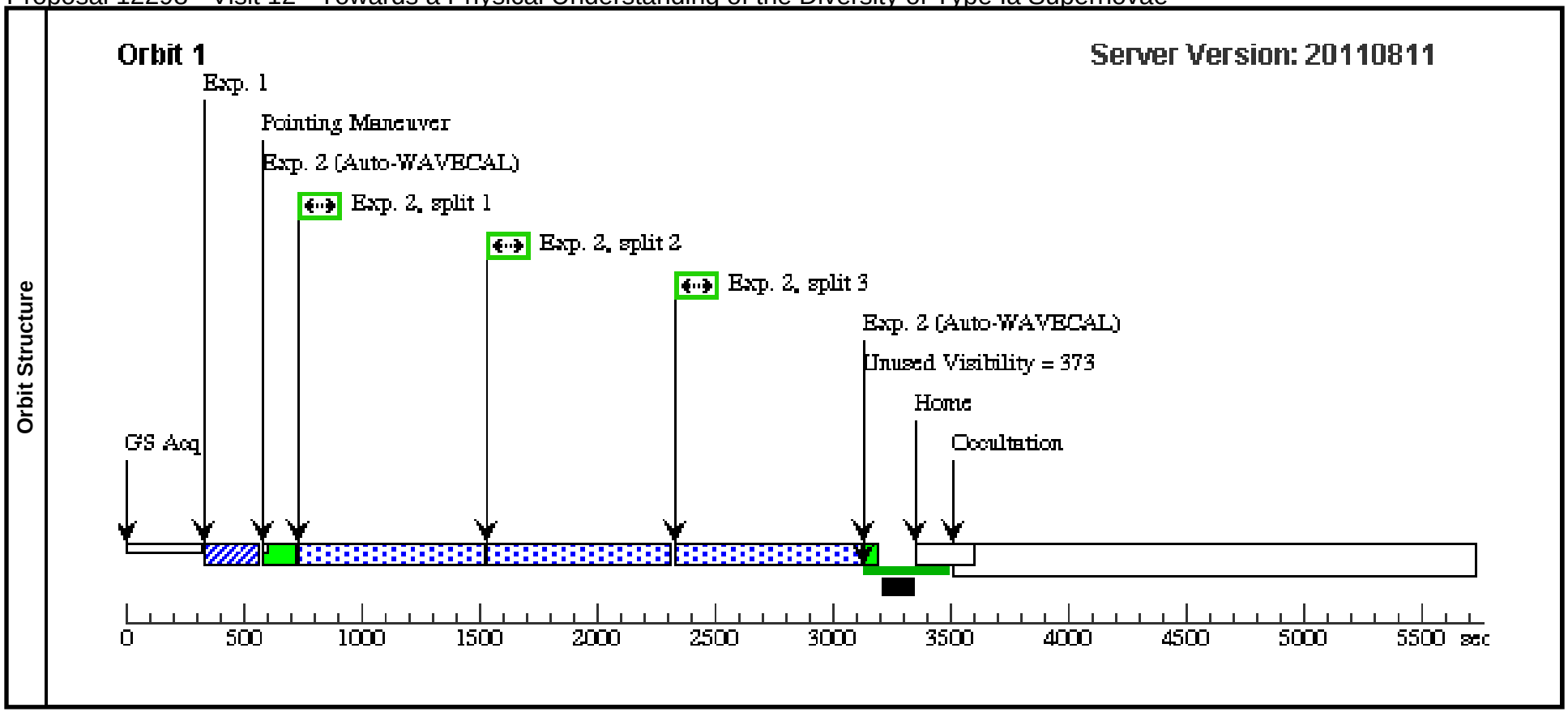
On Hold Comments: Target of opportunity

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	SN2011BY	RA: 11 55 45.5600 (178.9398333d) Dec: +55 19 33.80 (55.32606d) Equinox: J2000	Radial Velocity: 852 km/sec	V=12.1+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(2) SN2011BY	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			2 Secs	
								[==>]	***[1]***
2	CCD UVSpectrum	(2) SN2011BY	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			2200 Secs	
								[==>754.3 Secs (Split 1)] *[==>754.3 Secs (Split 2)]* *[==>754.3 Secs (Split 3)]*	***[1]***


Orbit Structure
Orbit 1
Server Version: 20110811
Exp. 1
Pointing Maneuver
Exp. 2 (Auto-WAVECAL)
Exp. 2, split 1
Exp. 2, split 2
Exp. 2, split 3
Exp. 2 (Auto-WAVECAL)
Unused Visibility = 373
Home
Occultation
GS Acq
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12298, Visit 13, completed Thu Sep 08 01:04:31 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: PCS MODE FINE; AFTER 08 BY 1 H TO 2 H; ON HOLD

Comments: First epoch MAMA spectroscopy

On Hold Comments: Target of opportunity

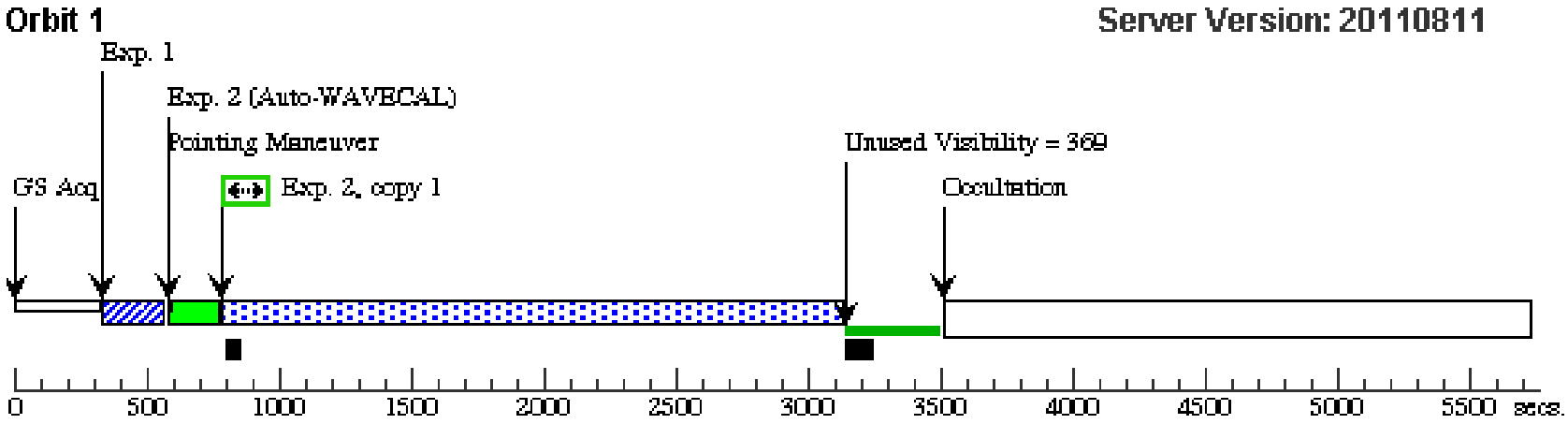
Fixed Targets

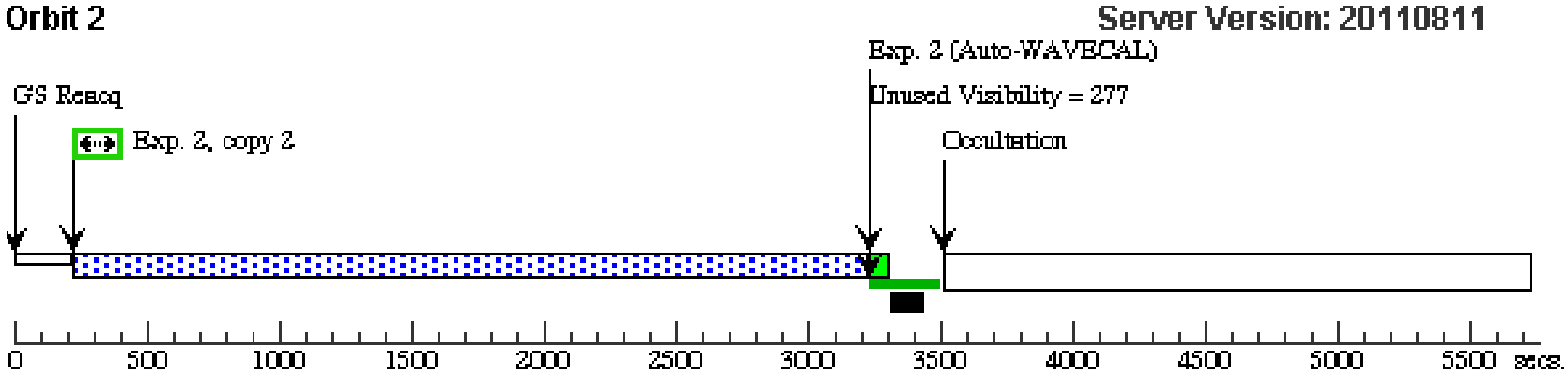
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	SN2011BY	RA: 11 55 45.5600 (178.9398333d) Dec: +55 19 33.80 (55.32606d) Equinox: J2000	Radial Velocity: 852 km/sec	V=12.1+/-1.5	Reference Frame: ICRS

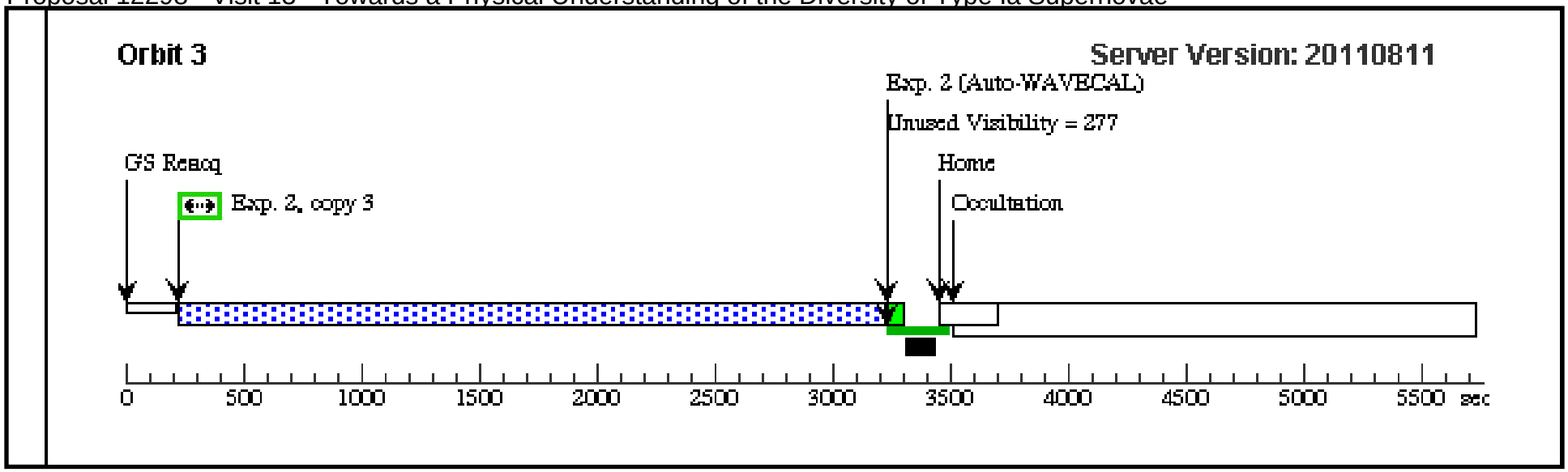
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(2) SN2011BY	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			2 Secs	
								[==>]	***[1]***
2	MAMA UV Spectrum	(2) SN2011BY	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				2000 Secs X 3	
								[==>2332.0 Secs (Copy 1)]	***[1]***
								[==>2984.0 Secs (Copy 2)]	***[2]***
								[==>2984.0 Secs (Copy 3)]	***[3]***

Orbit Structure






Orbit 3
Server Version: 20110811
Exp. 2 (Auto-WAVECAL)
Unused Visibility = 277
GS Reacq
Exp. 2, copy 3
Home
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12298, Visit 14, completed Thu Sep 08 01:04:31 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: PCS MODE FINE; AFTER 10 BY 1 H TO 2 H; ON HOLD

Comments: Second epoch MAMA spectroscopy

On Hold Comments: Target of opportunity

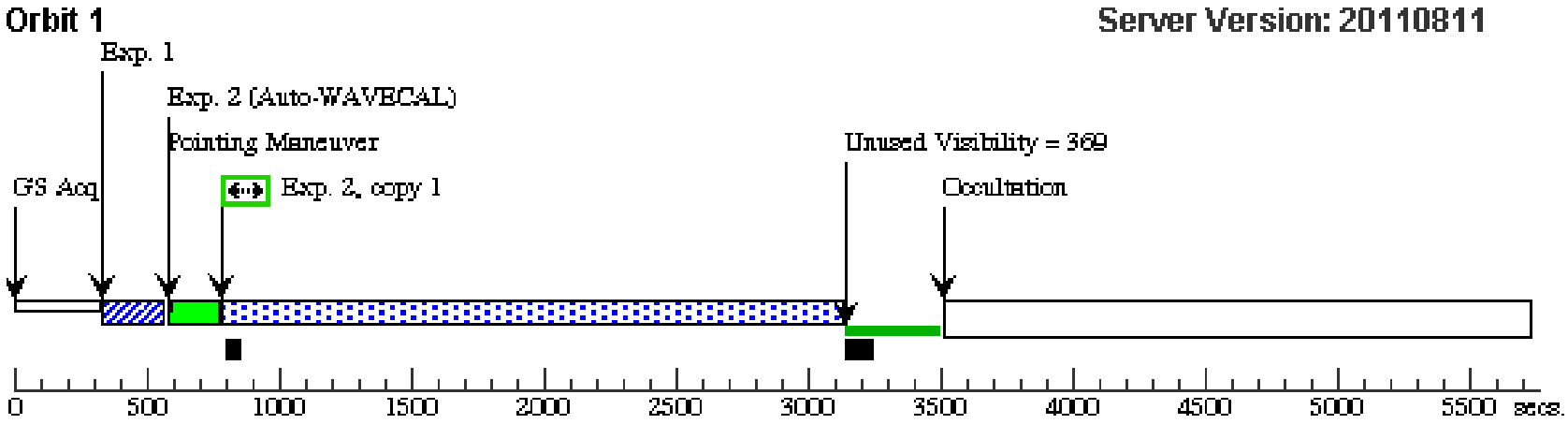
Fixed Targets

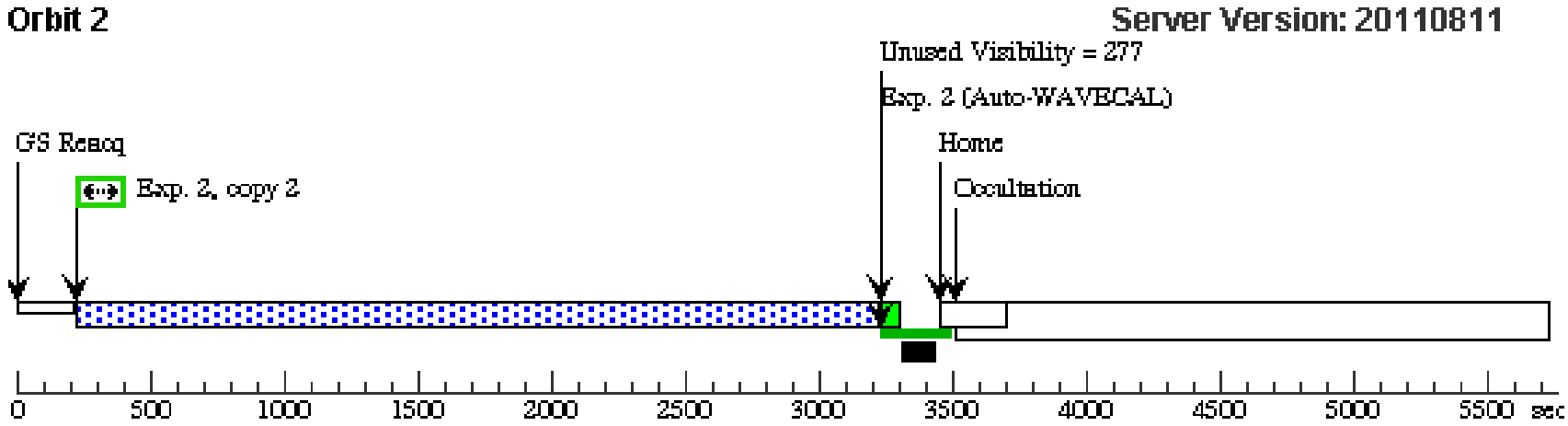
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	SN2011BY	RA: 11 55 45.5600 (178.9398333d) Dec: +55 19 33.80 (55.32606d) Equinox: J2000	Radial Velocity: 852 km/sec	V=12.1+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(2) SN2011BY	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			2 Secs	
								[==>]	***[1]***
2	MAMA UV Spectrum	(2) SN2011BY	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				2000 Secs X 2	
								[==>2332.0 Secs (Copy 1)]	***[1]***
								[==>2984.0 Secs (Copy 2)]	***[2]***

Orbit Structure





Visit

Proposal 12298, Visit 36, completed Thu Sep 08 01:04:32 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE

Comments: First epoch CCD spectroscopy

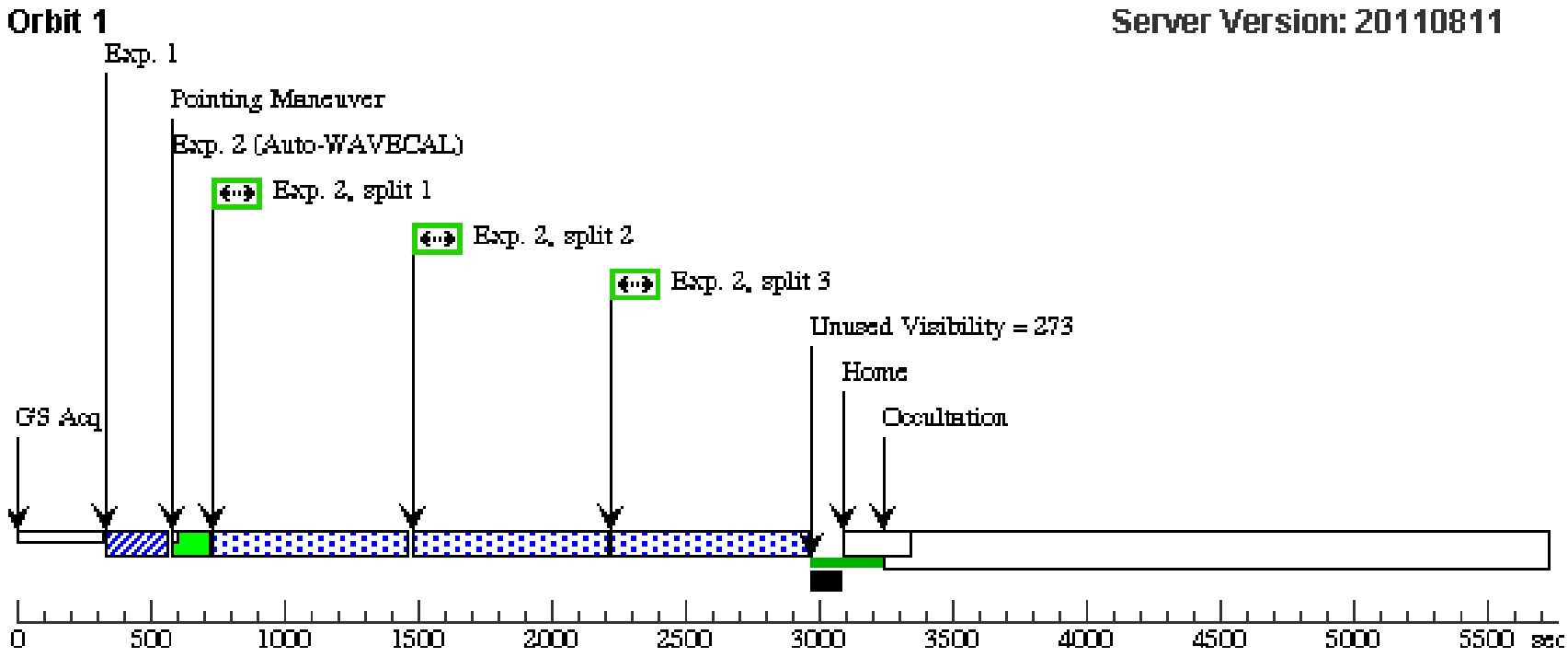
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	SN2011EK	RA: 02 25 48.8900 (36.4537083d) Dec: +18 32 0.00 (18.53333d) Equinox: J2000	Redshift: 0.005	V=13+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(3) SN2011EK	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			2 Secs *[==>]*	*[1]*
2	CCD UVSpectrum	(3) SN2011EK	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			2200 Secs *[==>700.0 Secs (Split 1)]* *[==>700.0 Secs (Split 2)]* *[==>700.0 Secs (Split 3)]*	*[1]*

Orbit Structure



Visit

Proposal 12298, Visit 37, completed Thu Sep 08 01:04:32 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 36 BY 3 D TO 4 D

Comments: Second epoch CCD spectroscopy

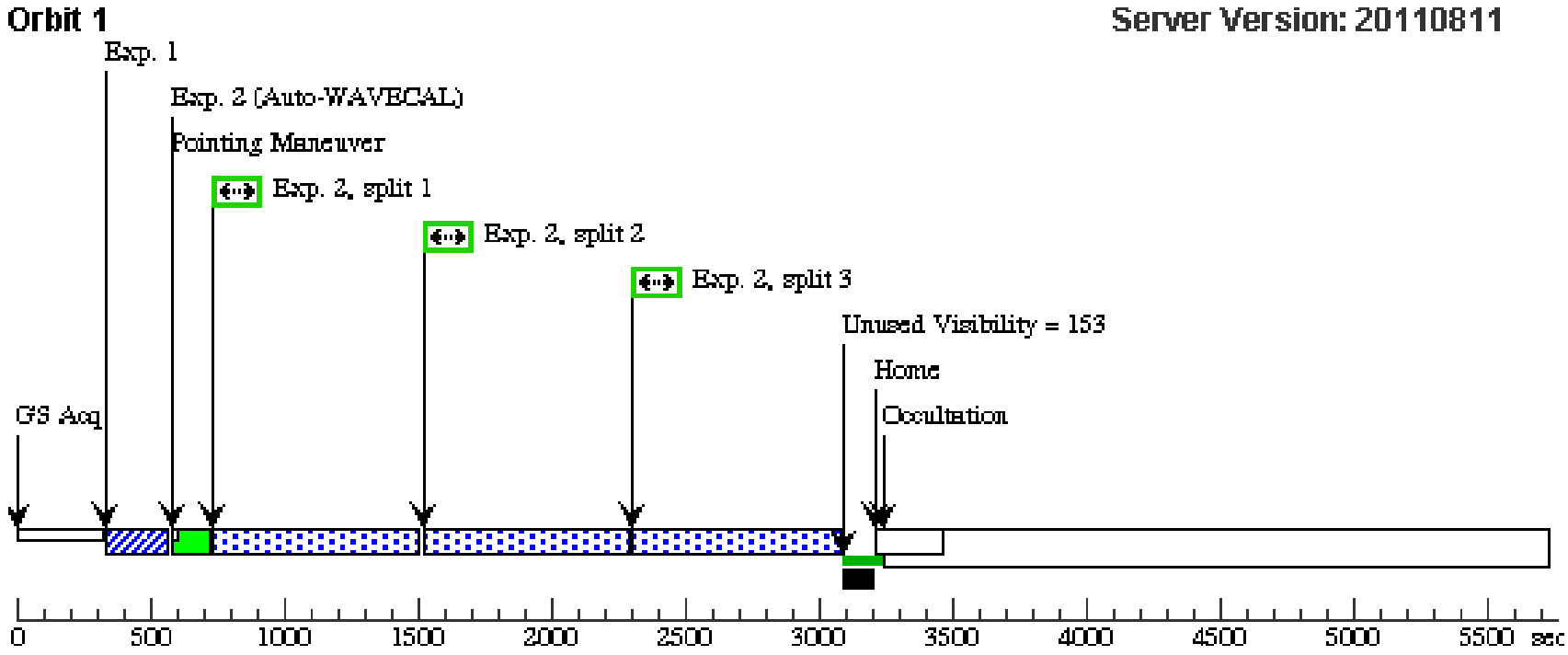
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	SN2011EK	RA: 02 25 48.8900 (36.4537083d) Dec: +18 32 0.00 (18.53333d) Equinox: J2000	Redshift: 0.005	V=13+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(3) SN2011EK	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			2 Secs *[==>]*	*[1]*
2	CCD UVSpectrum	(3) SN2011EK	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			2200 Secs *[==>740 Secs (Split 1)]* *[==>740 Secs (Split 2)]* *[==>740 Secs (Split 3)]*	*[1]*

Orbit Structure



Visit

Proposal 12298, Visit 38, completed Thu Sep 08 01:04:32 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 37 BY 3 D TO 4 D

Comments: Third epoch CCD spectroscopy

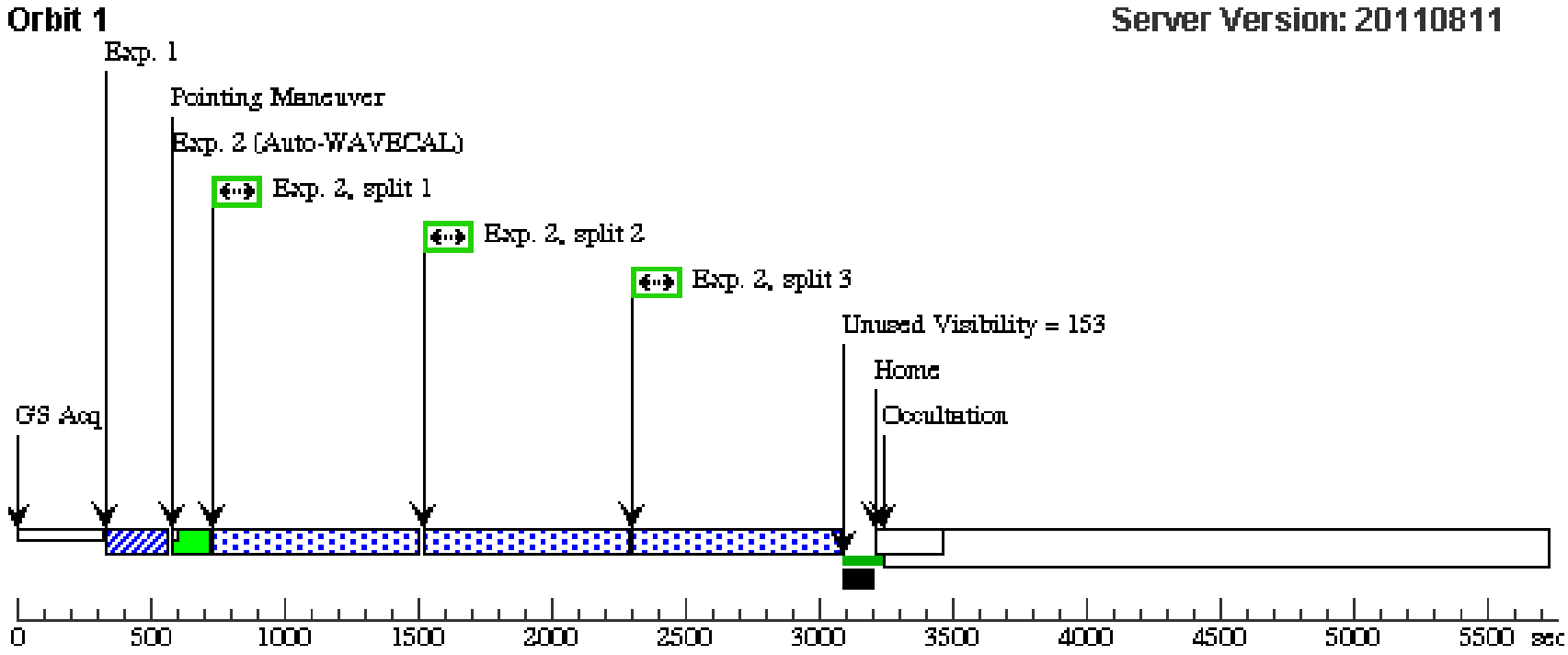
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	SN2011EK	RA: 02 25 48.8900 (36.4537083d) Dec: +18 32 0.00 (18.53333d) Equinox: J2000	Redshift: 0.005	V=13+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(3) SN2011EK	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			2 Secs *[==>]*	*[1]*
2	CCD UVSpectrum	(3) SN2011EK	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			2200 Secs *[==>740 Secs (Split 1)]* *[==>740 Secs (Split 2)]* *[==>740 Secs (Split 3)]*	*[1]*

Orbit Structure



Visit

Proposal 12298, Visit 39, completed Thu Sep 08 01:04:33 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 38 BY 4 D TO 5 D

Comments: Fourth epoch CCD spectroscopy

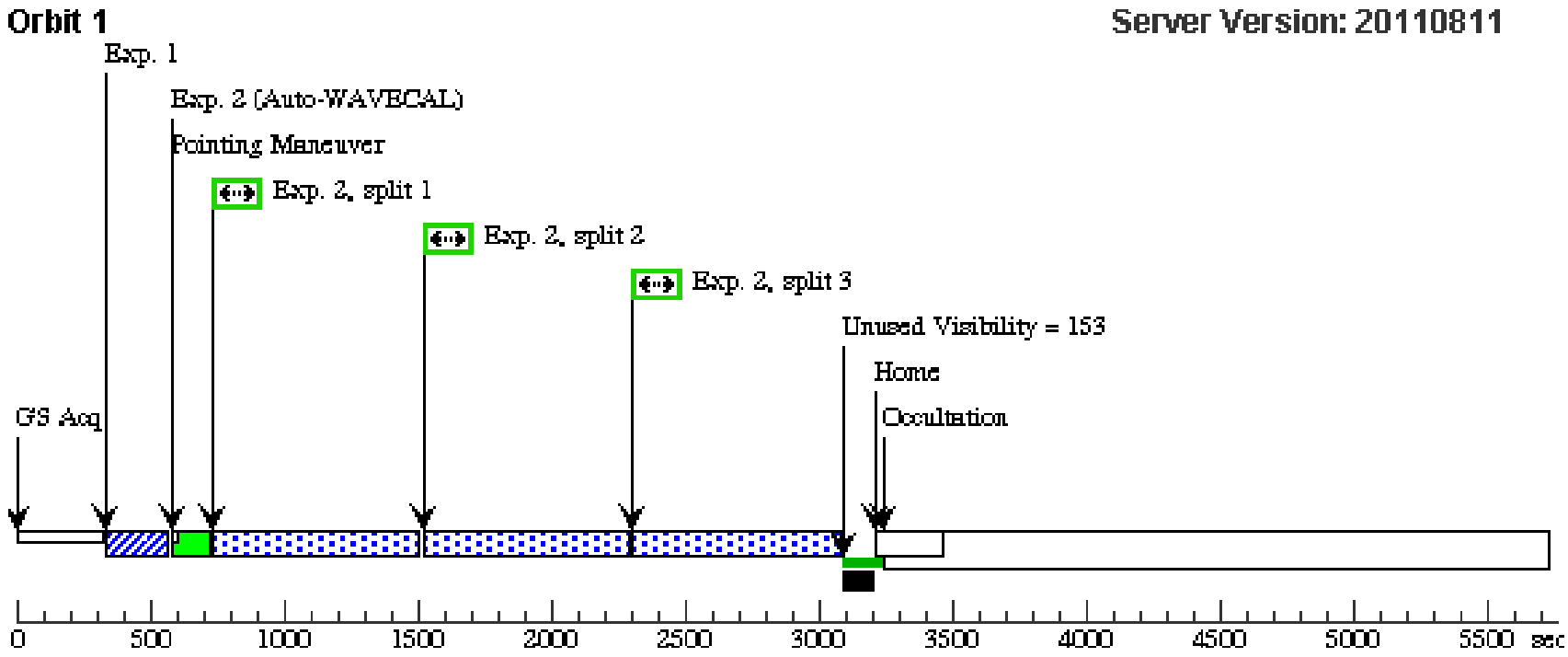
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	SN2011EK	RA: 02 25 48.8900 (36.4537083d) Dec: +18 32 0.00 (18.53333d) Equinox: J2000	Redshift: 0.005	V=13+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(3) SN2011EK	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			2 Secs *[==>]*	*[1]*
2	CCD UVSpectrum	(3) SN2011EK	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			2200 Secs *[==>740 Secs (Split 1)]* *[==>740 Secs (Split 2)]* *[==>740 Secs (Split 3)]*	*[1]*

Orbit Structure



Visit

Proposal 12298, Visit 40, completed Thu Sep 08 01:04:33 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 39 BY 4 D TO 5 D

Comments: Fifth epoch CCD spectroscopy

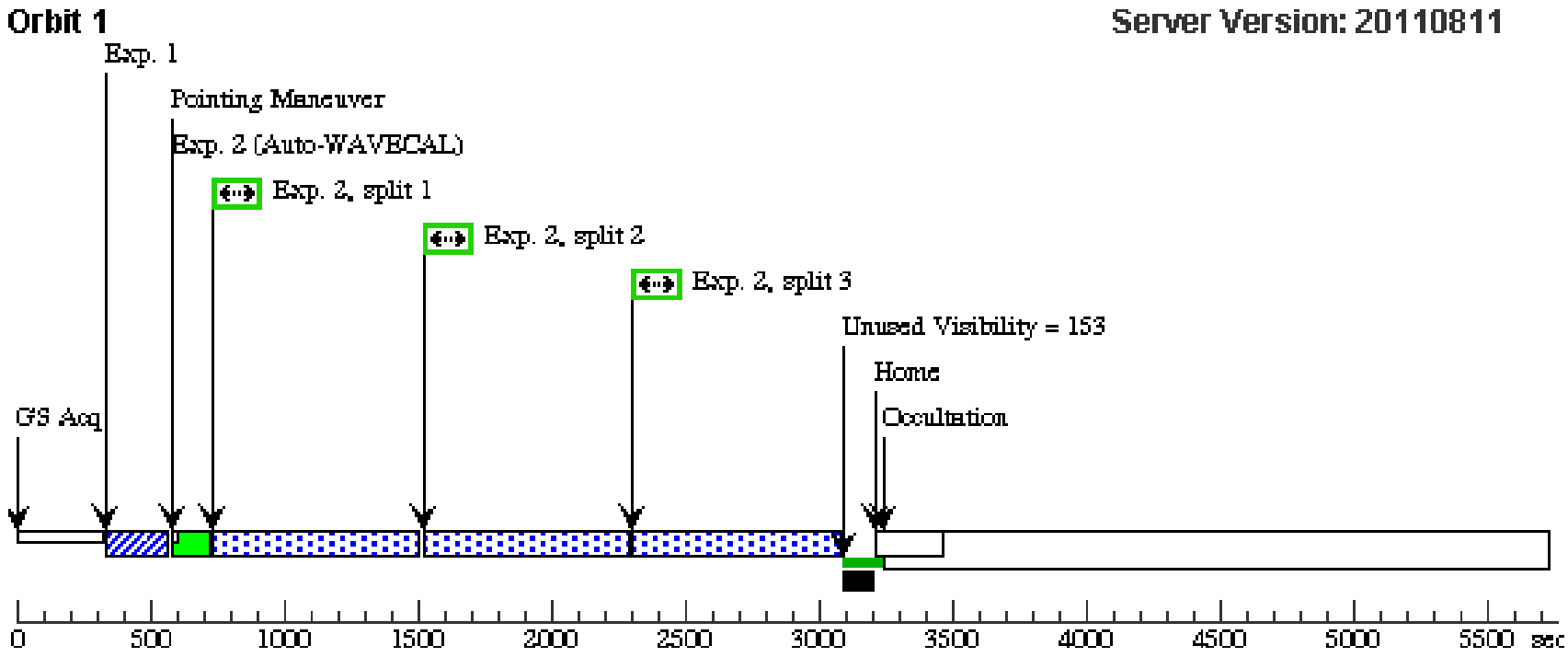
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	SN2011EK	RA: 02 25 48.8900 (36.4537083d) Dec: +18 32 0.00 (18.53333d) Equinox: J2000	Redshift: 0.005	V=13+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(3) SN2011EK	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			2 Secs *[==>]*	*[1]*
2	CCD UVSpectrum	(3) SN2011EK	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			2200 Secs *[==>740 Secs (Split 1)]* *[==>740 Secs (Split 2)]* *[==>740 Secs (Split 3)]*	*[1]*

Orbit Structure



Visit

Proposal 12298, Visit 41, completed Thu Sep 08 01:04:33 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: PCS MODE FINE; AFTER 36 BY 1 H TO 2 H

Comments: First epoch MAMA spectroscopy

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	SN2011EK	RA: 02 25 48.8900 (36.4537083d) Dec: +18 32 0.00 (18.53333d) Equinox: J2000	Redshift: 0.005	V=13+/-1.5	Reference Frame: ICRS

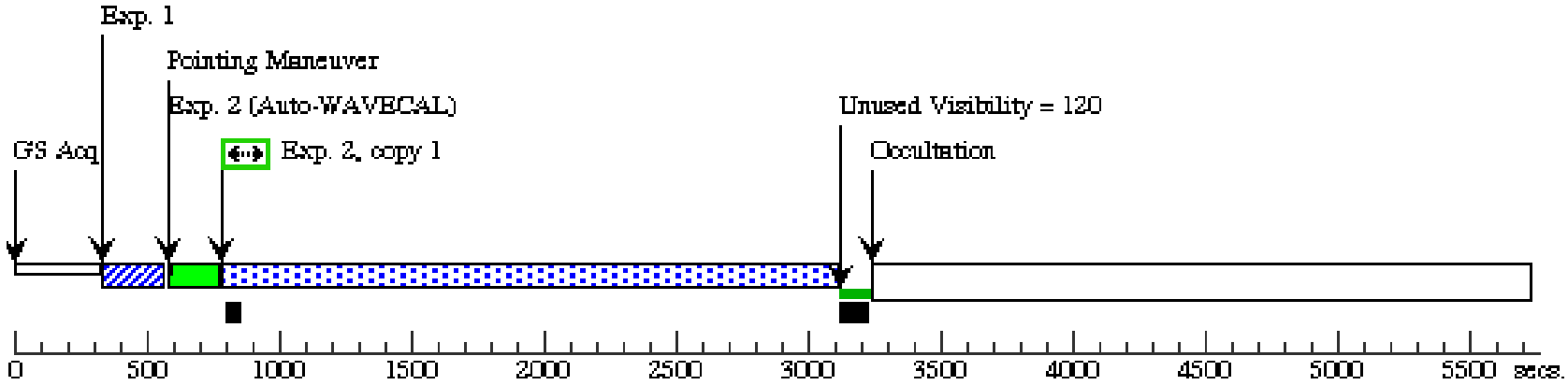
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(3) SN2011EK	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			2 Secs	
								[==>]	***[1]***
2	MAMA UV Spectrum	(3) SN2011EK	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				2000 Secs X 3	
								[==>2319.0 Secs (Copy 1)]	***[1]***
								[==>2879.0 Secs (Copy 2)]	***[2]***
								[==>2879.0 Secs (Copy 3)]	***[3]***

Orbit Structure

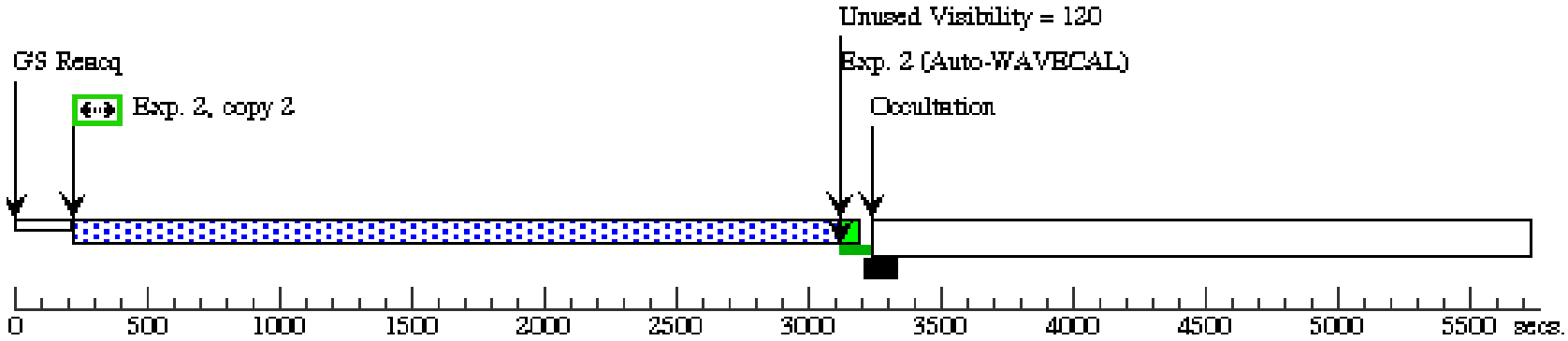
Orbit 1

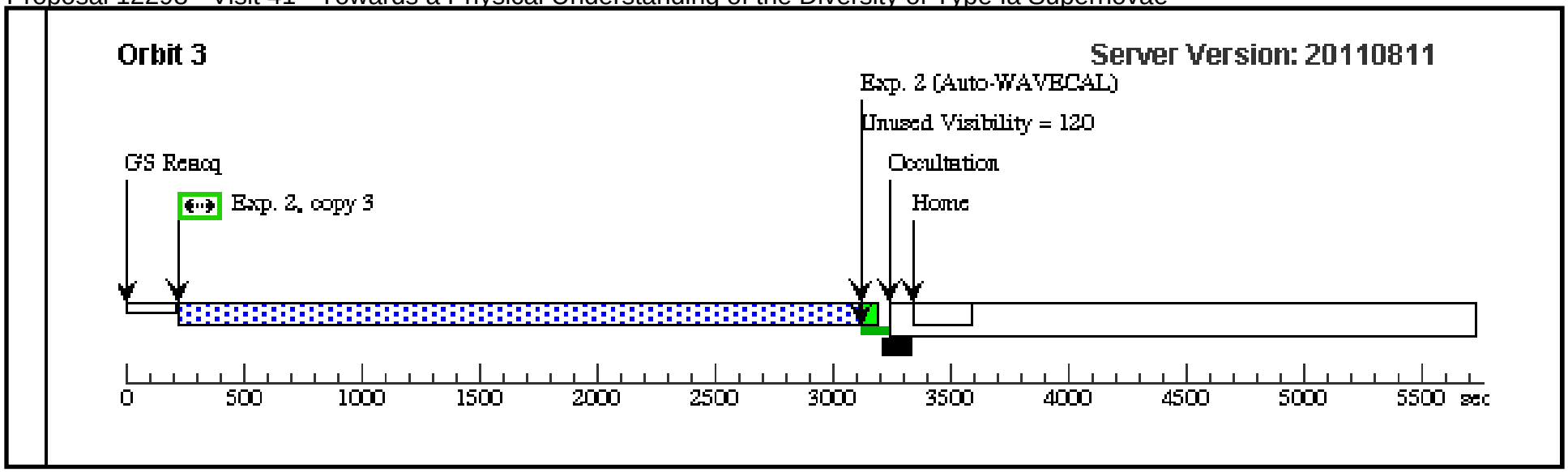
Server Version: 20110811



Orbit 2

Server Version: 20110811




Orbit 3
Server Version: 20110811
Exp. 2 (Auto-WAVECAL)
Unused Visibility = 120
GS Reacq
Occultation
Exp. 2, copy 3
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12298, Visit 42, completed Thu Sep 08 01:04:34 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: PCS MODE FINE; AFTER 38 BY 1 H TO 2 H

Comments: Second epoch MAMA spectroscopy

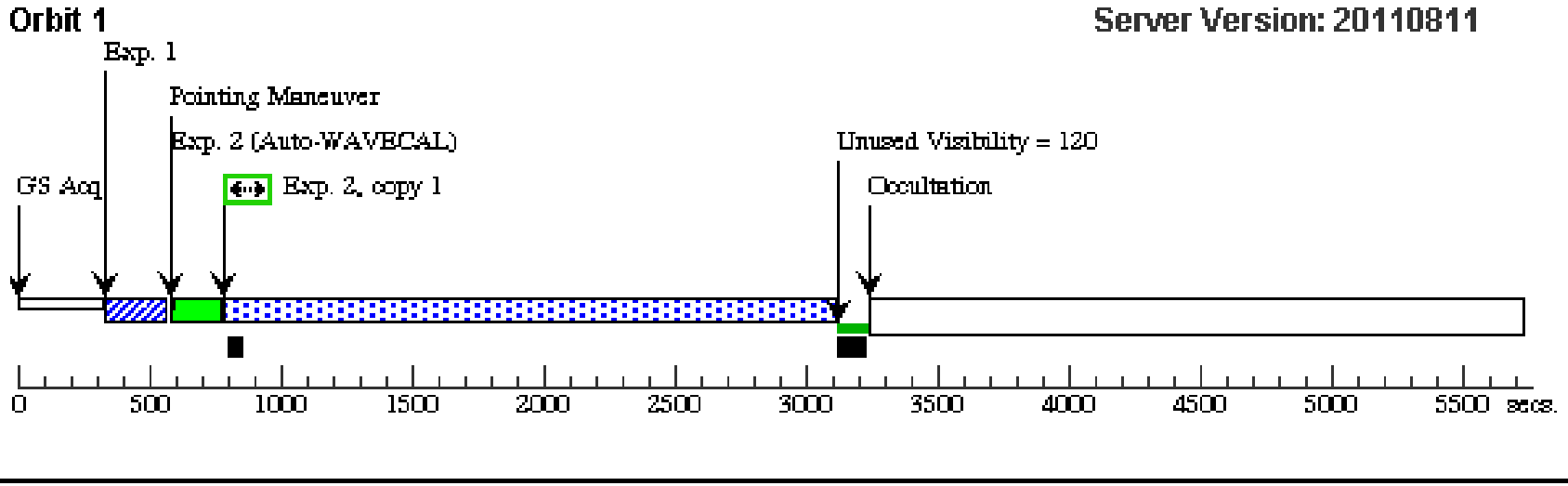
Fixed Targets

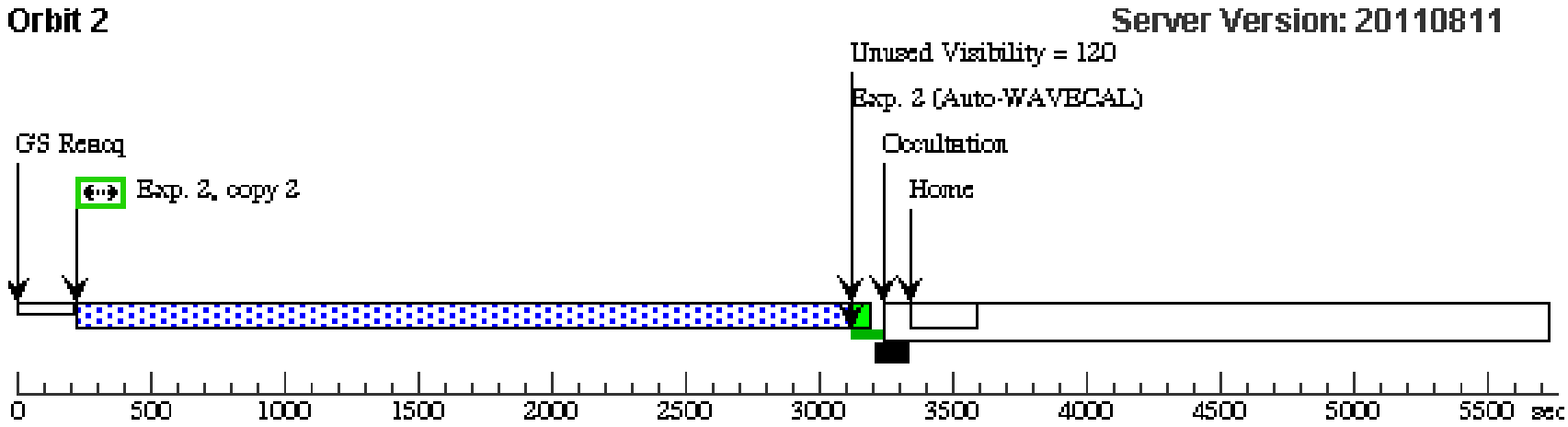
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	SN2011EK	RA: 02 25 48.8900 (36.4537083d) Dec: +18 32 0.00 (18.53333d) Equinox: J2000	Redshift: 0.005	V=13+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(3) SN2011EK	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			2 Secs	
								[==>]	***[1]***
2	MAMA UV Spectrum	(3) SN2011EK	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				2000 Secs X 2	
								[==>2319.0 Secs (Copy 1)]	***[1]***
								[==>2879.0 Secs (Copy 2)]	***[2]***

Orbit Structure





Visit

Proposal 12298, Visit 43, completed Thu Sep 08 01:04:34 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE

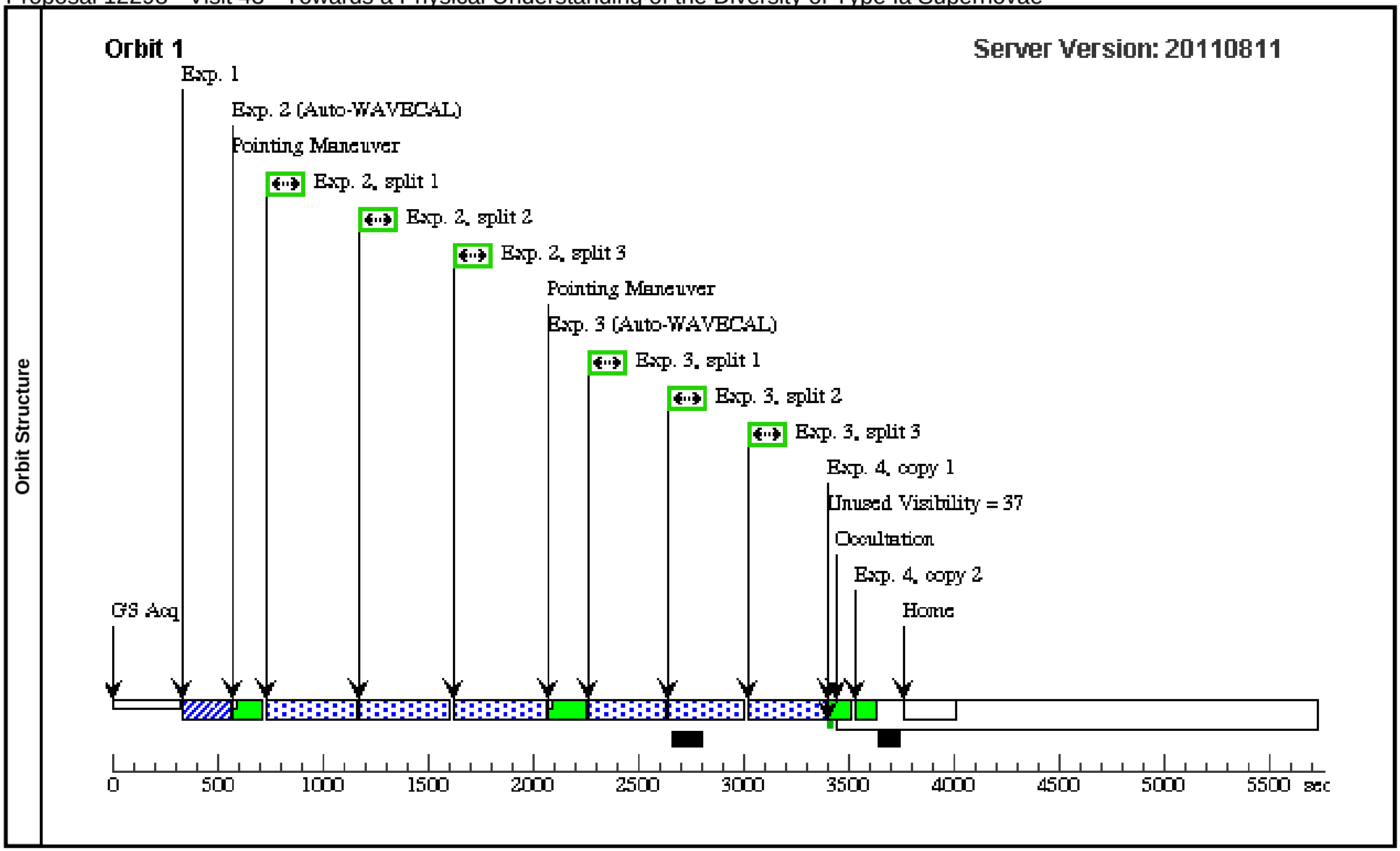
Comments: First epoch CCD spectroscopy

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	PTF11KLY	RA: 14 03 5.8130 (210.7742208d) Dec: +54 16 25.36 (54.27371d) Equinox: J2000	Redshift: 0.0008	V=11+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(4) PTF11KLY	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1 Secs *[==>]*	***[1]***
2	CCD UVSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			1200 Secs *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]*	***[1]***
3	CCD REDSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=3			1002 Secs *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]*	***[1]***
4	FringeFlat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				*[==>(Copy 1)]* *[==>(Copy 2)]*	***[1]***


Orbit Structure
Orbit 1
Server Version: 20110811
Exp. 1
Exp. 2 (Auto-WAVECAL)
Pointing Maneuver
Exp. 2, split 1
Exp. 2, split 2
Exp. 2, split 3
Pointing Maneuver
Exp. 3 (Auto-WAVECAL)
Exp. 3, split 1
Exp. 3, split 2
Exp. 3, split 3
Exp. 4, copy 1
Unused Visibility = 37
Occultation
Exp. 4, copy 2
GS Acq
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12298, Visit 44, completed Thu Sep 08 01:04:34 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 43 BY 3 D TO 4 D

Comments: Second epoch CCD spectroscopy

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=STIS-ALONG-SLIT	Coordinate Frame=POS-TARG		(2), (3)
	Purpose=DITHER	Pattern Orientation=90.0		
	Number Of Points=2	Angle Between Sides=		
	Point Spacing=0.35	Center Pattern=false		
	Line Spacing=			

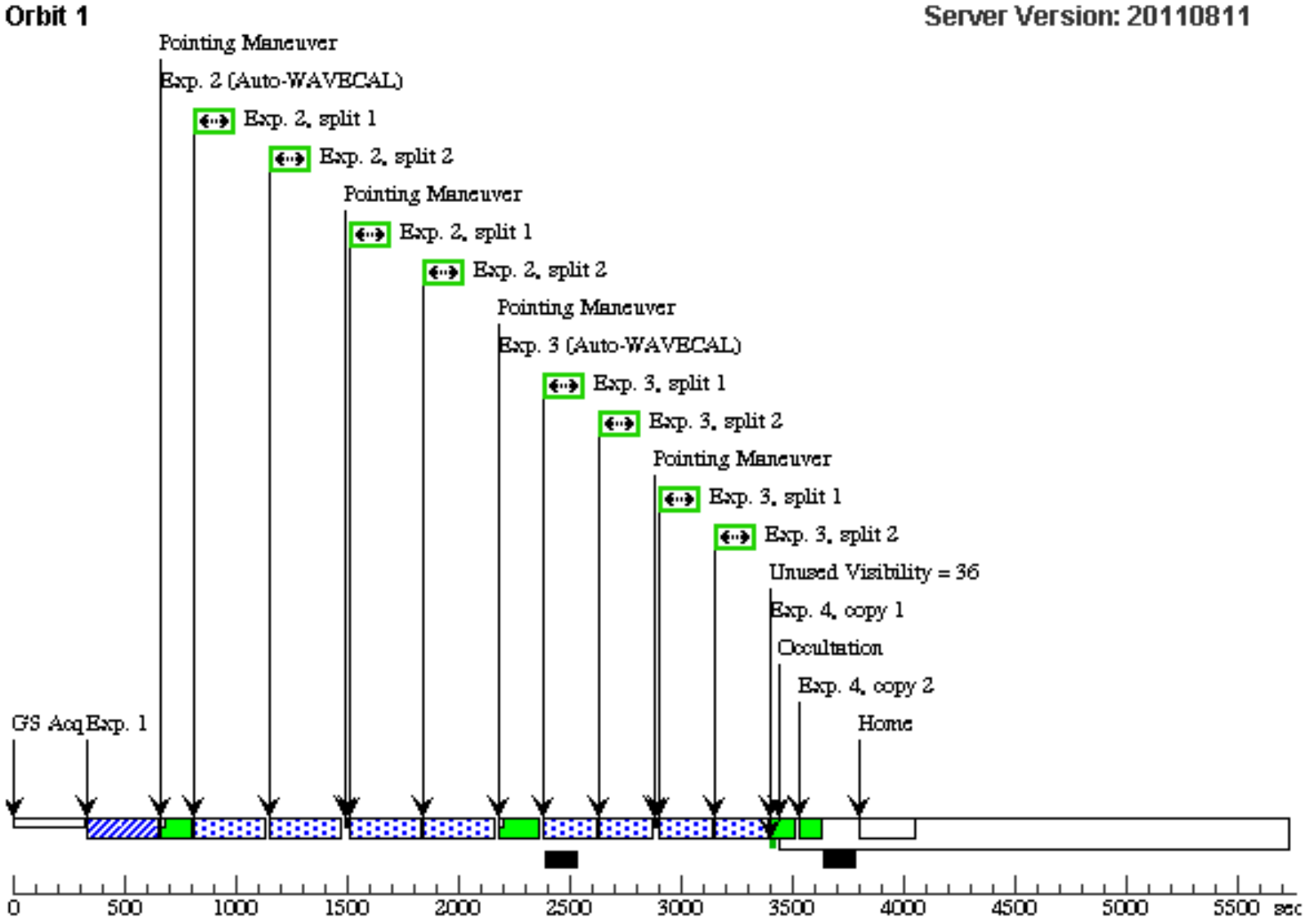
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	PTF11KLY	RA: 14 03 5.8130 (210.7742208d) Dec: +54 16 25.36 (54.27371d) Equinox: J2000	Redshift: 0.0008	V=11+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(4) PTF11KLY	STIS/CCD, ACQ, F28X50OII	MIRROR	ACQTYPE=POINT			15 Secs *[==>]*	*[1]*
2	CCD UVSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=2		Pattern 4, Exps 2-2 in Visit 44 (4)	578 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	*[1]*
3	CCD REDSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=2		Pattern 4, Exps 3-3 in Visit 44 (4)	410 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	*[1]*
4	FringeFlat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				*[==>(Copy 1)]* *[==>(Copy 2)]*	*[1]*

Orbit Structure



Visit

Proposal 12298, Visit 45, completed Thu Sep 08 01:04:35 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 44 BY 3 D TO 4 D

Comments: Third epoch CCD spectroscopy

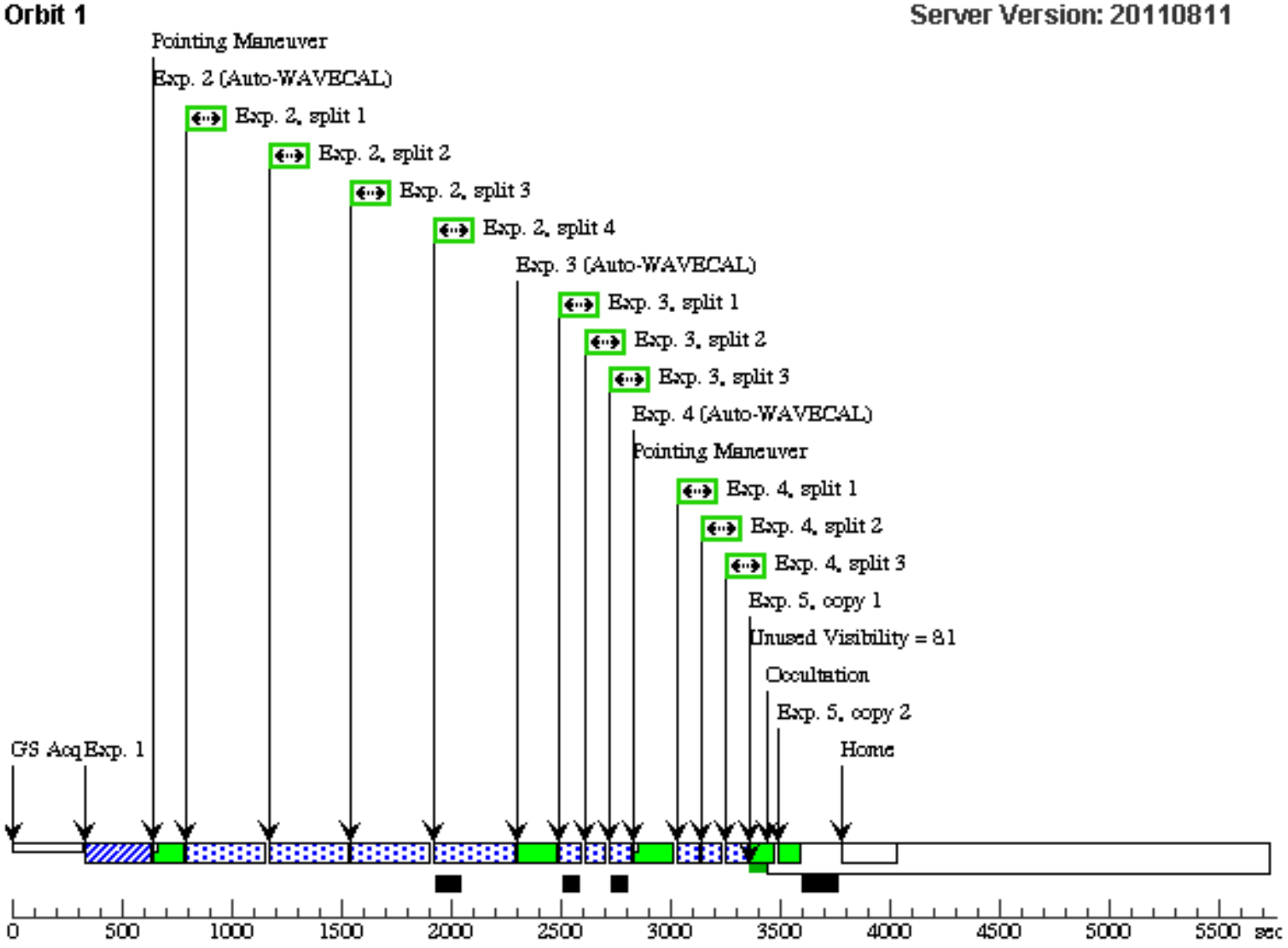
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	PTF11KLY	RA: 14 03 5.8130 (210.7742208d) Dec: +54 16 25.36 (54.27371d) Equinox: J2000	Redshift: 0.0008	V=11+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(4) PTF11KLY	STIS/CCD, ACQ, F28X50OII	MIRROR	ACQTYPE=POINT			10 Secs *[==>]*	***[1]***
2	CCD FarUV Spectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A	CR-SPLIT=4			1300 Secs *[==>330.0 Secs (Split 1)]* *[==>330.0 Secs (Split 2)]* *[==>330.0 Secs (Split 3)]* *[==>330.0 Secs (Split 4)]*	***[1]***
3	CCD UVSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3			200 Secs *[==>65.0 Secs (Split 1)]* *[==>65.0 Secs (Split 2)]* *[==>65.0 Secs (Split 3)]*	***[1]***
4	CCD REDSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=3			200 Secs *[==>65.0 Secs (Split 1)]* *[==>65.0 Secs (Split 2)]* *[==>65.0 Secs (Split 3)]*	***[1]***
5	FringeFlat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				*[==>(Copy 1)]* *[==>(Copy 2)]*	***[1]***

Orbit Structure



Visit

Proposal 12298, Visit 46, scheduled Thu Sep 08 01:04:35 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 45 BY 3 D TO 4 D

Comments: Fourth epoch CCD spectroscopy

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=STIS-ALONG-SLIT	Coordinate Frame=POS-TARG		(2), (3), (4)
	Purpose=DITHER	Pattern Orientation=90.0		
	Number Of Points=2	Angle Between Sides=		
	Point Spacing=0.35	Center Pattern=false		
	Line Spacing=			

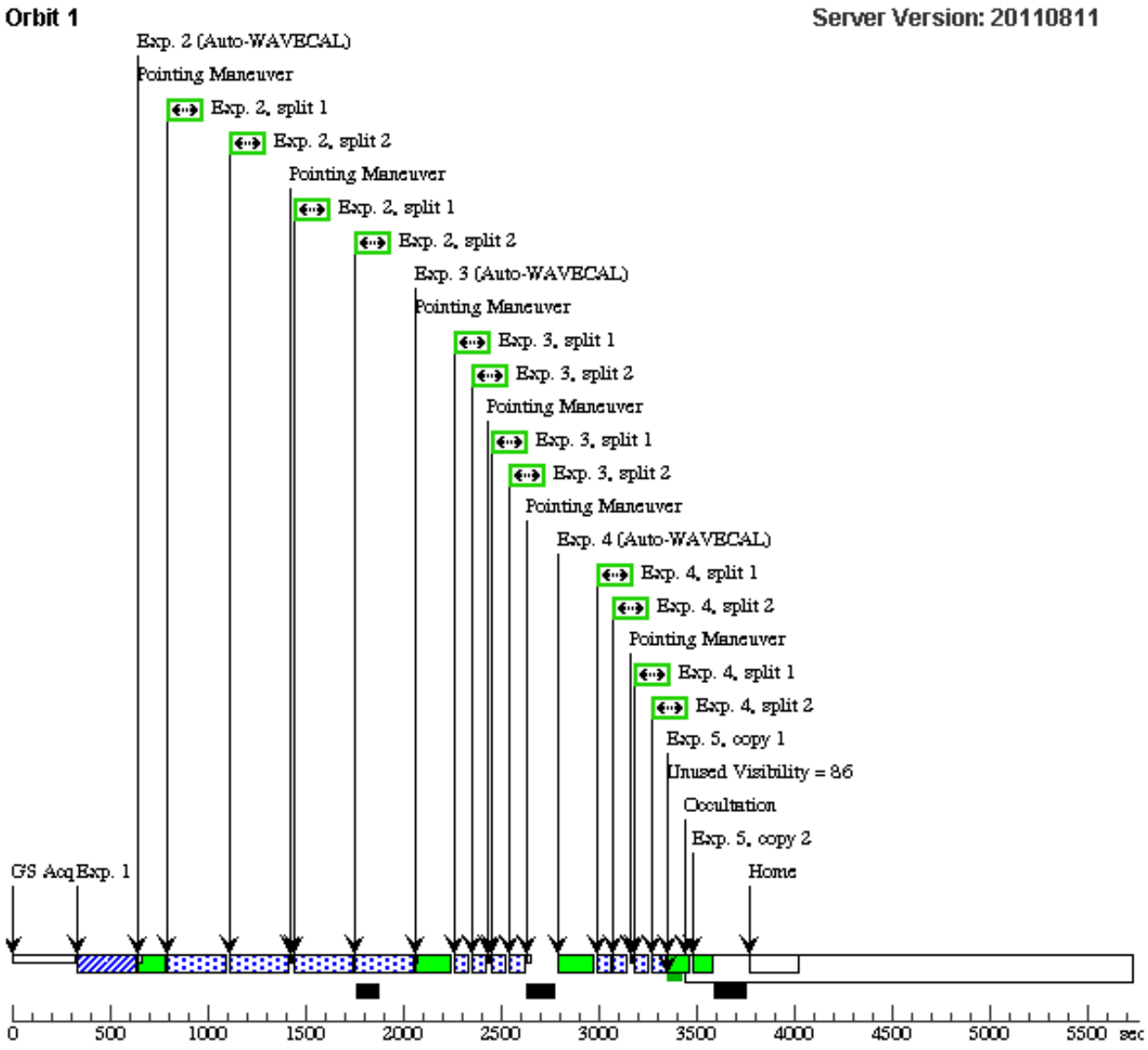
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	PTF11KLY	RA: 14 03 5.8130 (210.7742208d) Dec: +54 16 25.36 (54.27371d) Equinox: J2000	Redshift: 0.0008	V=11+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(4) PTF11KLY	STIS/CCD, ACQ, F28X50OII	MIRROR	ACQTYPE=POINT			10 Secs *[==>]*	*[1]*
2	CCD FarUV Spectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A	CR-SPLIT=2		Pattern 4, Exps 2-2 in Visit 46 (4)	530 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	*[1]*
3	CCD UVSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=2		Pattern 4, Exps 3-3 in Visit 46 (4)	80 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	*[1]*
4	CCD RedSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=2		Pattern 4, Exps 4-4 in Visit 46 (4)	80 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	*[1]*
5	FringeFlat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				*[==>(Copy 1)]* *[==>(Copy 2)]*	*[1]*

Orbit Structure



Visit

Proposal 12298, Visit 47, scheduled Thu Sep 08 01:04:36 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD

Special Requirements: PCS MODE FINE; AFTER 46 BY 3 D TO 4 D

Comments: Fifth epoch CCD spectroscopy

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=STIS-ALONG-SLIT	Coordinate Frame=POS-TARG		(2), (3), (4)
	Purpose=DITHER	Pattern Orientation=90.0		
	Number Of Points=2	Angle Between Sides=		
	Point Spacing=0.35	Center Pattern=false		
	Line Spacing=			

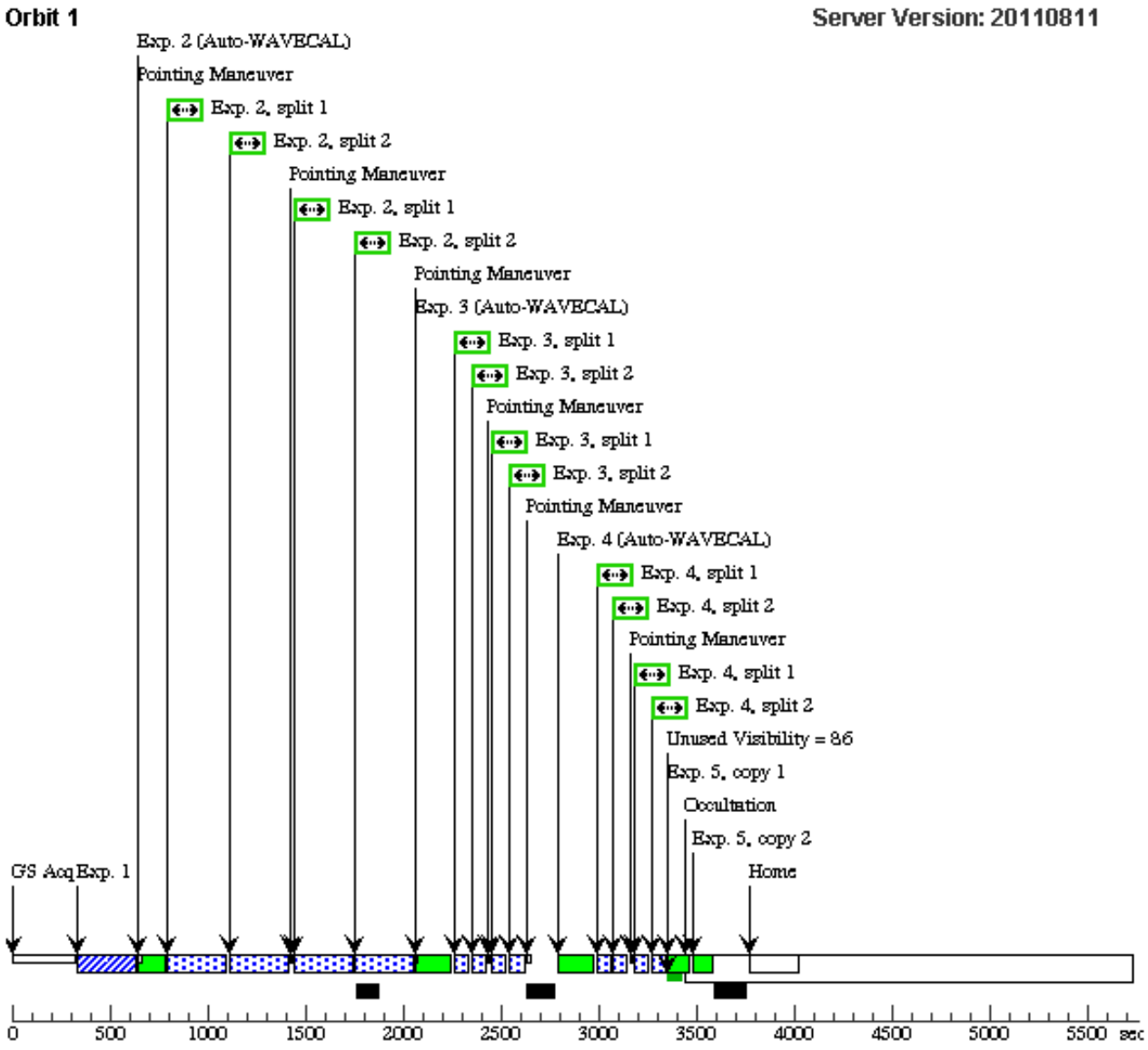
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	PTF11KLY	RA: 14 03 5.8130 (210.7742208d) Dec: +54 16 25.36 (54.27371d) Equinox: J2000	Redshift: 0.0008	V=11+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(4) PTF11KLY	STIS/CCD, ACQ, F28X50OII	MIRROR	ACQTYPE=POINT			10 Secs *[==>]*	*[1]*
2	CCD FarUV Spectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A	CR-SPLIT=2		Pattern 4, Exps 2-2 in Visit 47 (4)	530 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	*[1]*
3	CCD UVSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=2		Pattern 4, Exps 3-3 in Visit 47 (4)	80 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	*[1]*
4	CCD RedSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=2		Pattern 4, Exps 4-4 in Visit 47 (4)	80 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	*[1]*
5	FringeFlat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				*[==>(Copy 1)]* *[==>(Copy 2)]*	*[1]*

Orbit Structure



Visit

Proposal 12298, Visit 48, completed Thu Sep 08 01:04:36 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: PCS MODE FINE; AFTER 43 BY 1 H TO 2 H

Comments: First epoch MAMA spectroscopy

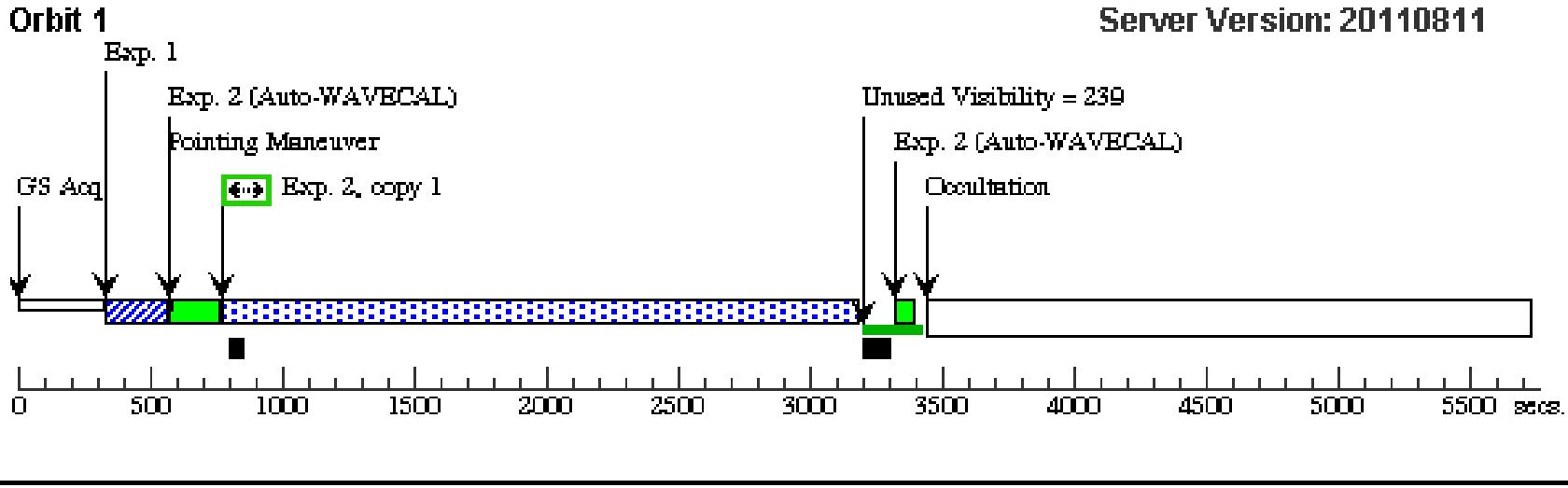
Fixed Targets

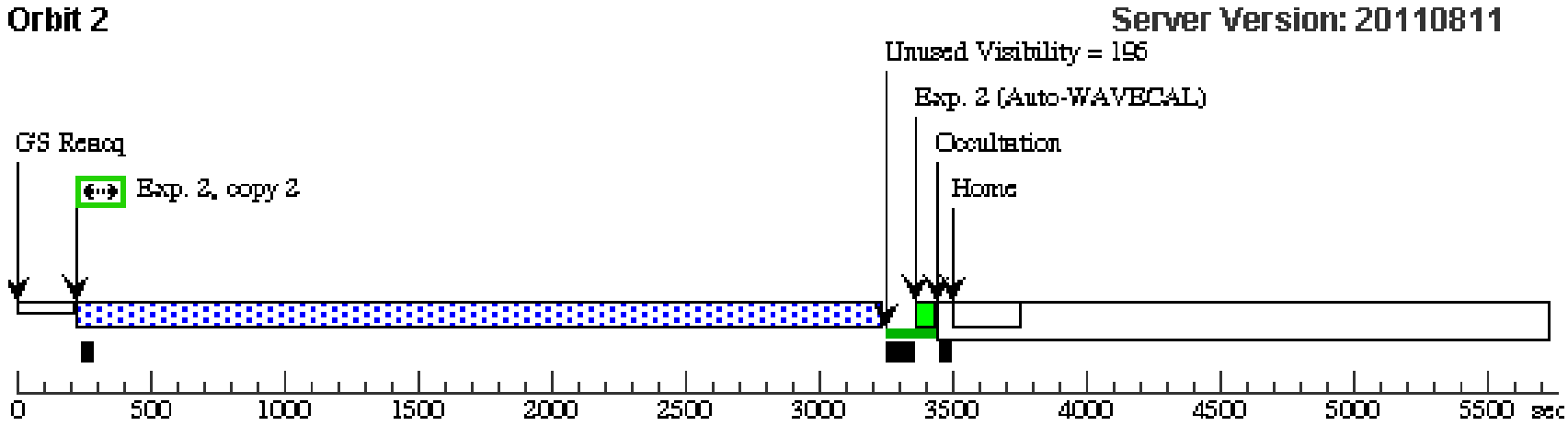
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	PTF11KLY	RA: 14 03 5.8130 (210.7742208d) Dec: +54 16 25.36 (54.27371d) Equinox: J2000	Redshift: 0.0008	V=11+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(4) PTF11KLY	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1 Secs	
								[==>]	***[1]***
2	MAMA Spectrum epoch 1	(4) PTF11KLY	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				2000 Secs X 2	
								[==>2400 Secs (Copy 1)]	***[1]***
								[==>3000 Secs (Copy 2)]	***[2]***

Orbit Structure





Visit

Proposal 12298, Visit 49, completed Thu Sep 08 01:04:36 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: PCS MODE FINE; AFTER 44 BY 1 H TO 2 H

Comments: Second epoch MAMA spectroscopy

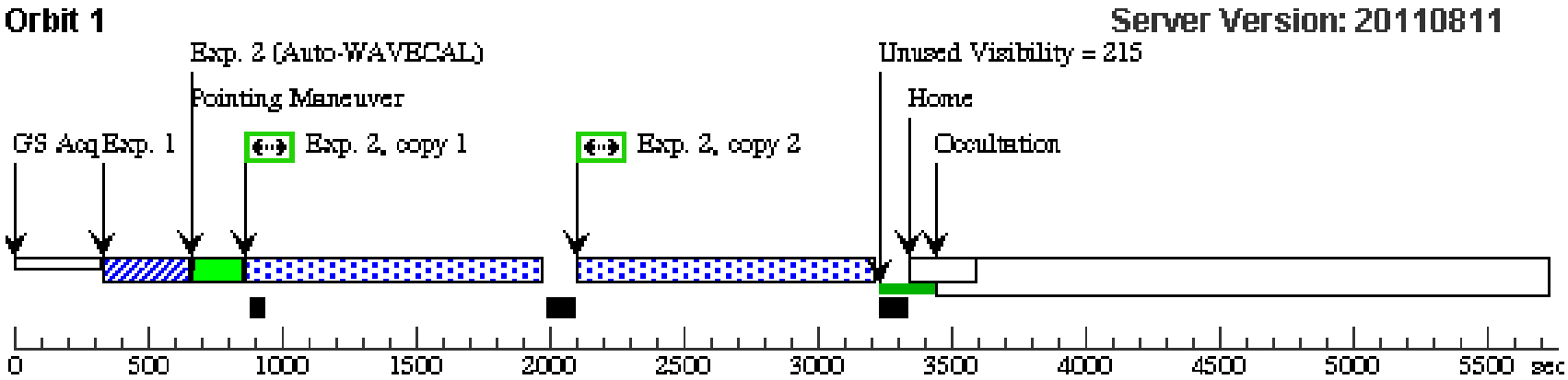
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	PTF11KLY	RA: 14 03 5.8130 (210.7742208d) Dec: +54 16 25.36 (54.27371d) Equinox: J2000	Redshift: 0.0008	V=11+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(4) PTF11KLY	STIS/CCD, ACQ, F28X50OII	MIRROR	ACQTYPE=POINT			15 Secs *[==>]*	*[1]*
2	MAMA Spectrum epoch 2	(4) PTF11KLY	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				2000 Secs X 2 *[==>1100 Secs (Copy 1)]* *[==>1100 Secs (Copy 2)]*	*[1]*

Orbit Structure



Visit

Proposal 12298, Visit 50, scheduled Thu Sep 08 01:04:37 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS, STIS/FUV-MAMA

Special Requirements: PCS MODE FINE; ORIENT 51.8D TO 52.9 D; BETWEEN 13-SEP-2011:09:00:00 AND 15-SEP-2011:00:00:00

Comments: Sixth epoch (+6) CCD spectroscopy

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=STIS-ALONG-SLIT	Coordinate Frame=POS-TARG		(2-3), (4-5), (6-7)
	Purpose=DITHER	Pattern Orientation=90.0		
	Number Of Points=2	Angle Between Sides=		
	Point Spacing=0.35	Center Pattern=false		
	Line Spacing=			

Fixed Targets

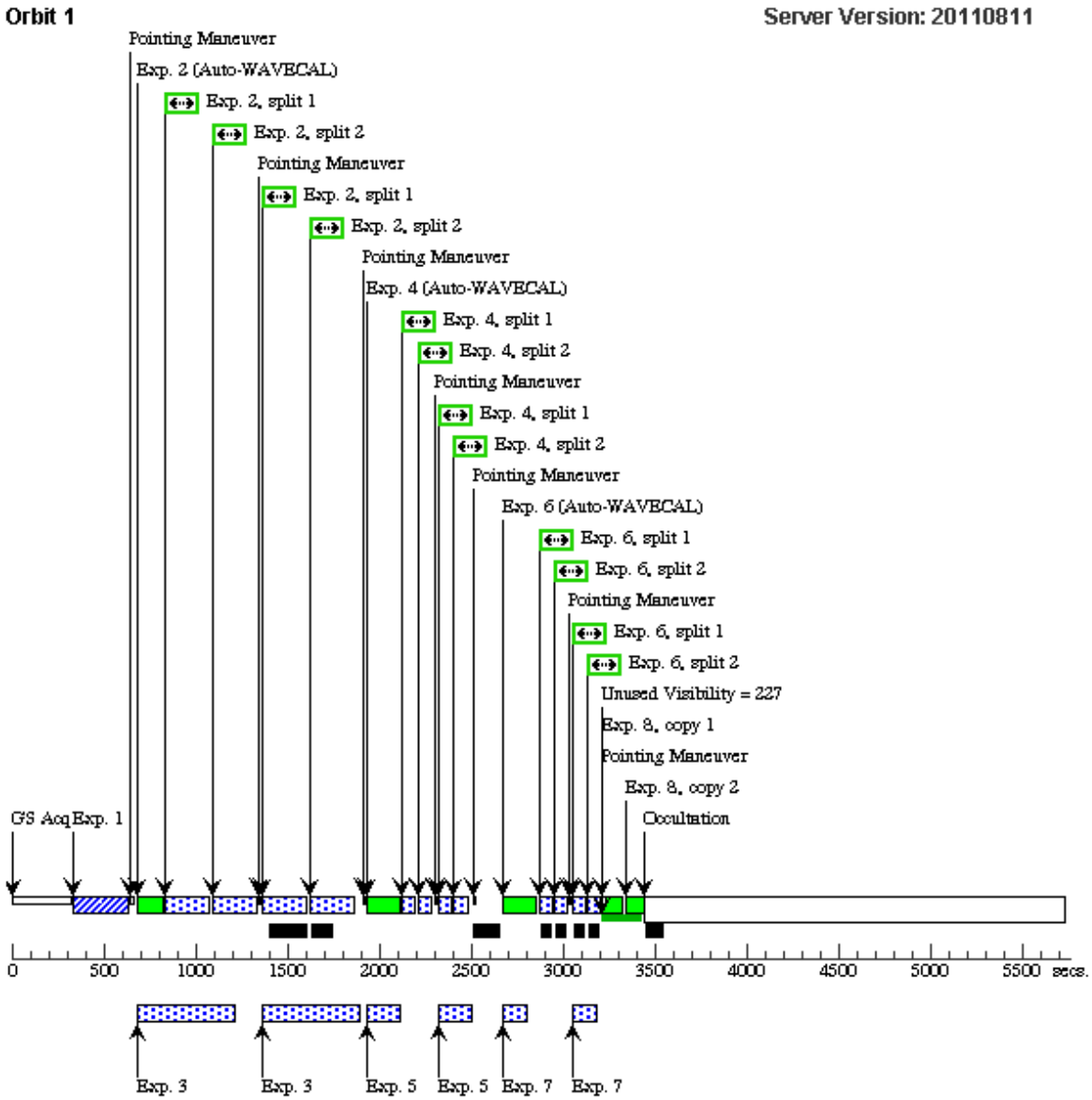
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	PTF11KLY	RA: 14 03 5.8130 (210.7742208d)	Redshift: 0.0008	V=11+/-1.5	Reference Frame: ICRS
		Dec: +54 16 25.36 (54.27371d)			
		Equinox: J2000			

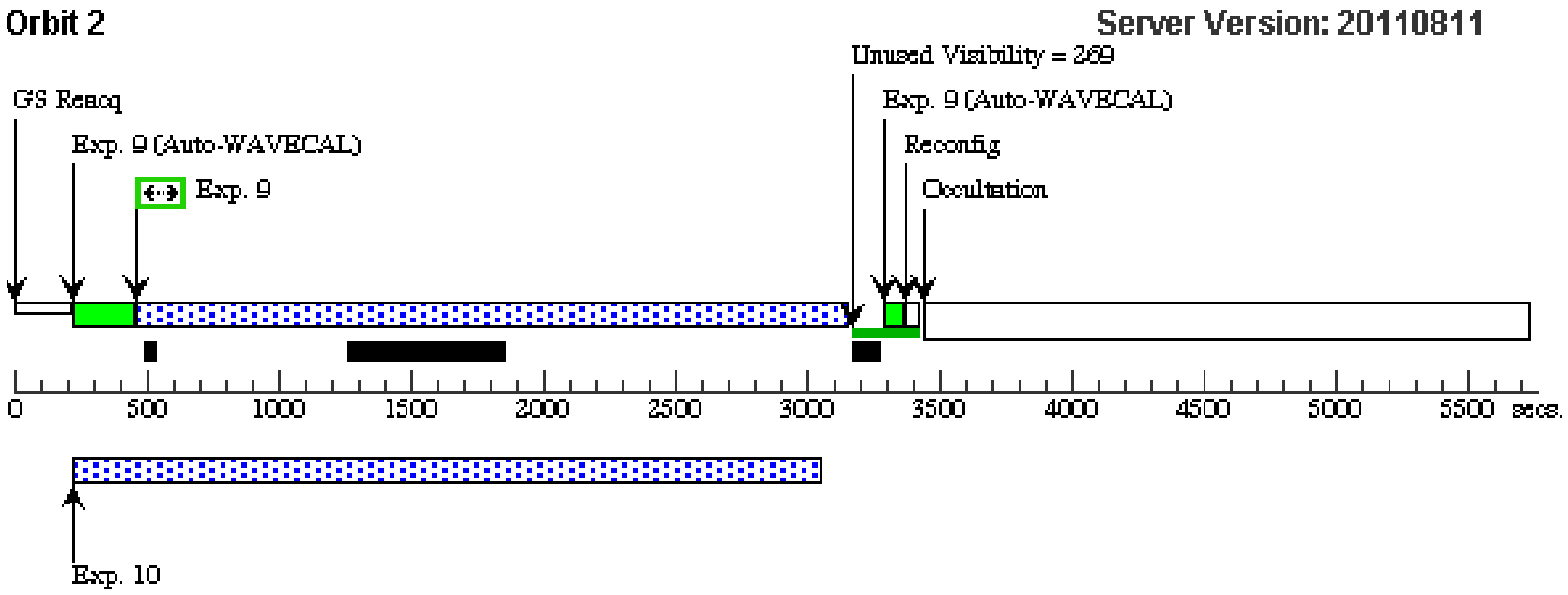
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(4) PTF11KLY	STIS/CCD, ACQ, F28X50OII	MIRROR	ACQTYPE=POINT			10 Secs *[==>]*	***[1]***
2	CCD NearUVSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2	G230LB 2375 A	CR-SPLIT=2	POS TARG null,-22	Pattern 4, Exps 2-3 in Visit 50 (4) Prime + Parallel Group 2-3 in Pattern 4, Exps 2-3 in Visit 50	415 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	***[1]***
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPARS100		Pattern 4, Exps 2-3 in Visit 50 (4) Prime + Parallel Group 2-3 in Pattern 4, Exps 2-3 in Visit 50	*[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
4	CCD OptSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	CR-SPLIT=2	POS TARG null,-22	Pattern 4, Exps 4-5 in Visit 50 (4) Prime + Parallel Group 4-5 in Pattern 4, Exps 4-5 in Visit 50	80 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	***[1]***
5		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=4; SAMP-SEQ=SPARS50		Pattern 4, Exps 4-5 in Visit 50 (4) Prime + Parallel Group 4-5 in Pattern 4, Exps 4-5 in Visit 50	*[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
6	CCD RedSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=2	POS TARG null,-22	Pattern 4, Exps 6-7 in Visit 50 (4) Prime + Parallel Group 6-7 in Pattern 4, Exps 6-7 in Visit 50	70 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	***[1]***
7		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=3; SAMP-SEQ=SPARS50		Pattern 4, Exps 6-7 in Visit 50 (4) Prime + Parallel Group 6-7 in Pattern 4, Exps 6-7 in Visit 50	*[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
8	FringeFlat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				*[==>(Copy 1)]* *[==>(Copy 2)]*	***[1]***
9	FarUVSpectrum	(4) PTF11KLY	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			Prime + Parallel Group 9-10 in Visit 50	2680 Secs *[==>]*	***[2]***
10		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=15; SAMP-SEQ=SPARS200		Prime + Parallel Group 9-10 in Visit 50	*[==>]*	***[2]***
11	FarUVSpectrum	(4) PTF11KLY	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			Prime + Parallel Group 11-15 in Visit 50	2930 Secs *[==>]*	***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F555W			Prime + Parallel Group 11-15 in Visit 50	600 Secs *[==>]*	***[3]***
13		ANY	WFC3/UVIS, ACCUM, UVIS	F555W			Prime + Parallel Group 11-15 in Visit 50	600 Secs *[==>]*	***[3]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-15 in Visit 50	600 Secs *[==>]*	***[3]***

	15		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	Prime + Parallel Group 11-15 in Visit 50	600 Secs *[==>]*	 ***[3]***
	16	FarUVSpectrum	(4) PTF11KLY	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A	Prime + Parallel Group 16-20 in Visit 50	2930 Secs *[==>]*	 ***[4]***
	17		ANY	WFC3/UVIS, ACCUM, UVIS	F555W	Prime + Parallel Group 16-20 in Visit 50	600 Secs *[==>]*	 ***[4]***
	18		ANY	WFC3/UVIS, ACCUM, UVIS	F555W	Prime + Parallel Group 16-20 in Visit 50	600 Secs *[==>]*	 ***[4]***
	19		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	Prime + Parallel Group 16-20 in Visit 50	600 Secs *[==>]*	 ***[4]***
	20		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	Prime + Parallel Group 16-20 in Visit 50	600 Secs *[==>]*	 ***[4]***

Orbit Structure




Orbit 2
Server Version: 20110811
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GS Reacq
Exp. 9 (Auto-WAVECAL)
Exp. 9
Exp. 9 (Auto-WAVECAL)
Reconfig
Occultation
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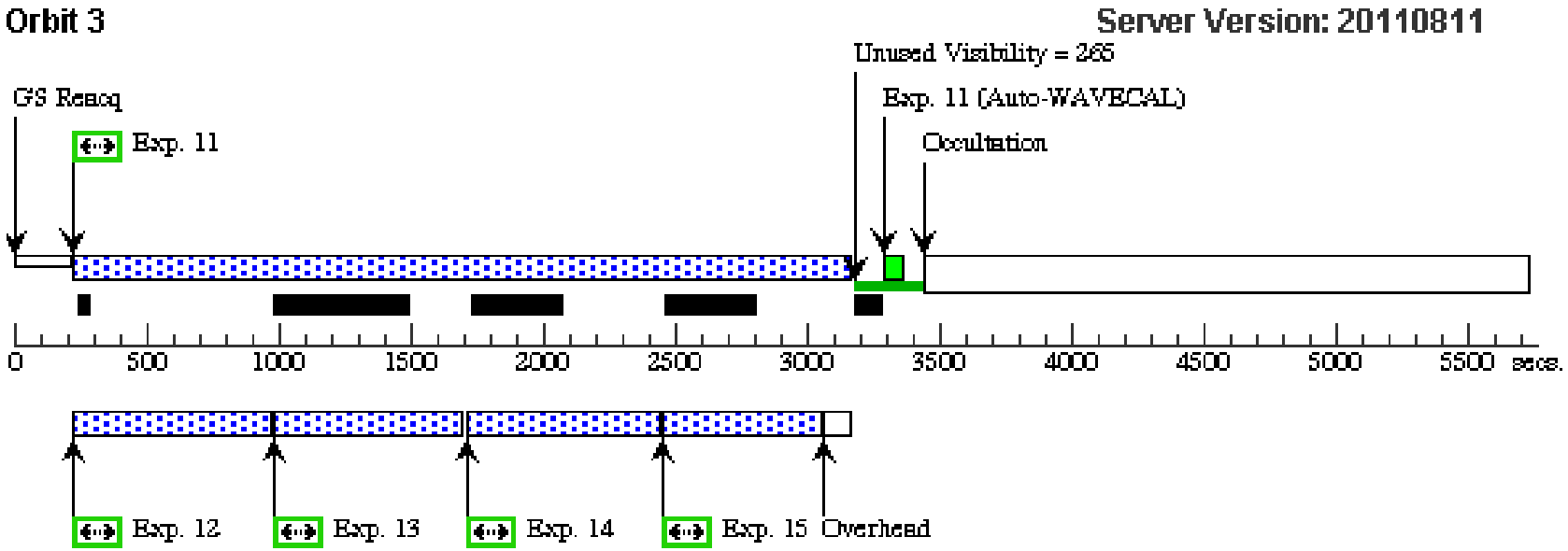
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10


Orbit 3
Server Version: 20110811
Unused Visibility = 265
GS Reacq
Exp. 11
Exp. 11 (Auto-WAVECAL)
Occultation
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500
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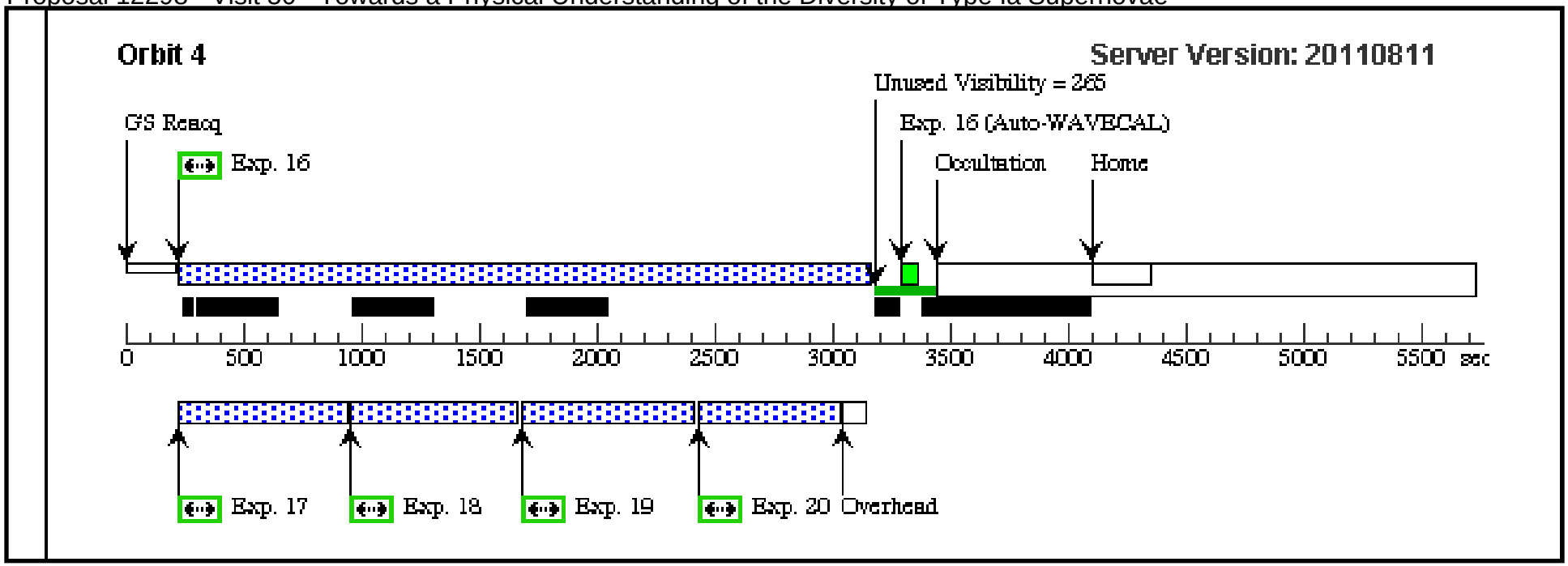
4000
4500
5000
5500
secs.
Exp. 12
Exp. 13
Exp. 14
Exp. 15
Overhead


Orbit 4
Server Version: 20110811
Unused Visibility = 265
GS Reacq
Exp. 16 (Auto-WAVECAL)
Exp. 16
Occultation
Home
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1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 17
Exp. 18
Exp. 19
Exp. 20
Overhead

Visit

Proposal 12298, Visit 51, implementation Thu Sep 08 01:04:38 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, WFC3/UVIS, STIS/NUV-MAMA

Special Requirements: PCS MODE FINE; ORIENT 45D TO 45 D; BETWEEN 19-SEP-2011:00:00:00 AND 20-SEP-2011:23:59:59

Comments: seventh (+13) epoch CCD spectroscopy

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=STIS-ALONG-SLIT	Coordinate Frame=POS-TARG		(2), (3), (4)
	Purpose=DITHER	Pattern Orientation=90.0		
	Number Of Points=2	Angle Between Sides=		
	Point Spacing=0.35	Center Pattern=false		
	Line Spacing=			

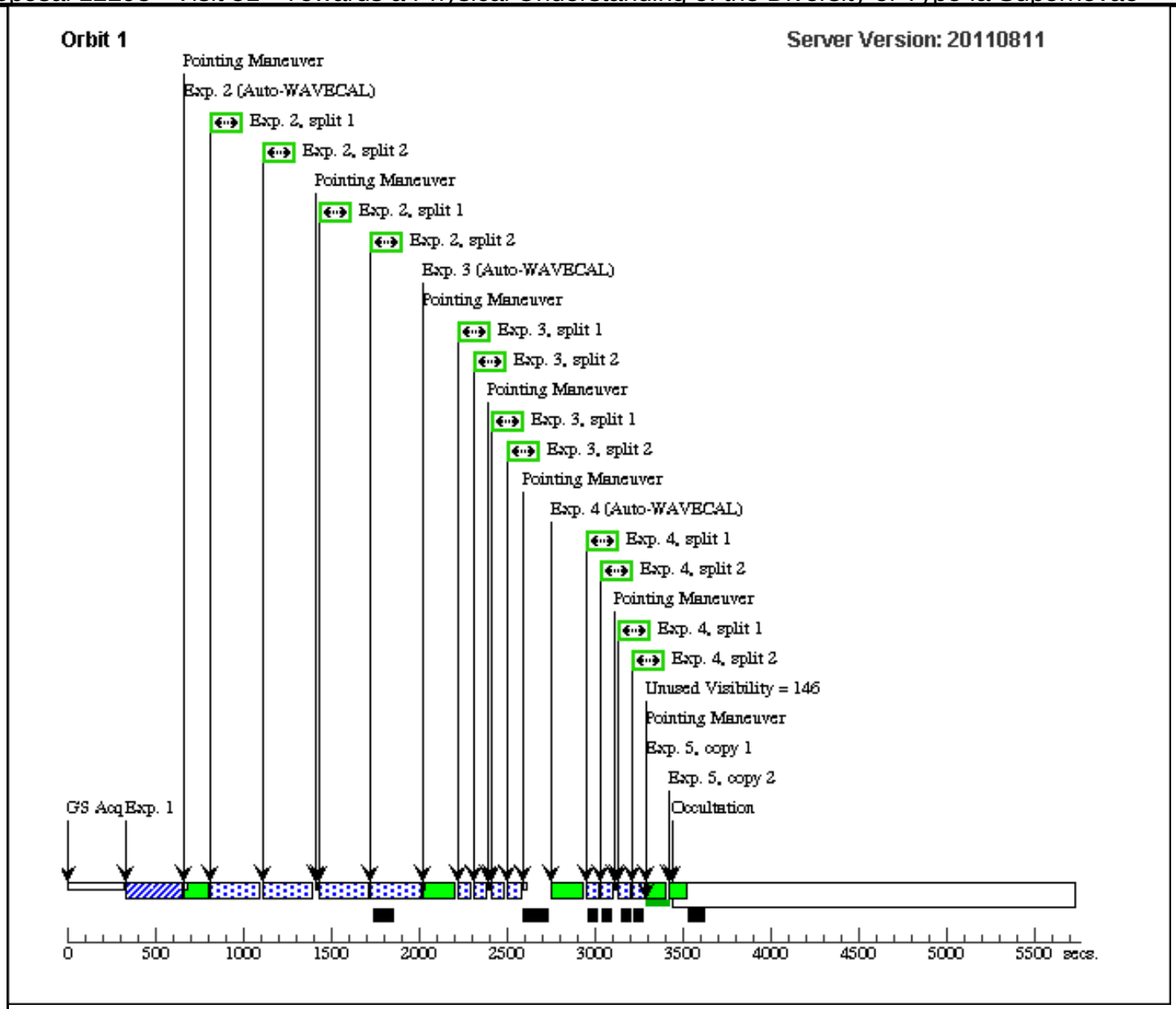
Fixed Targets

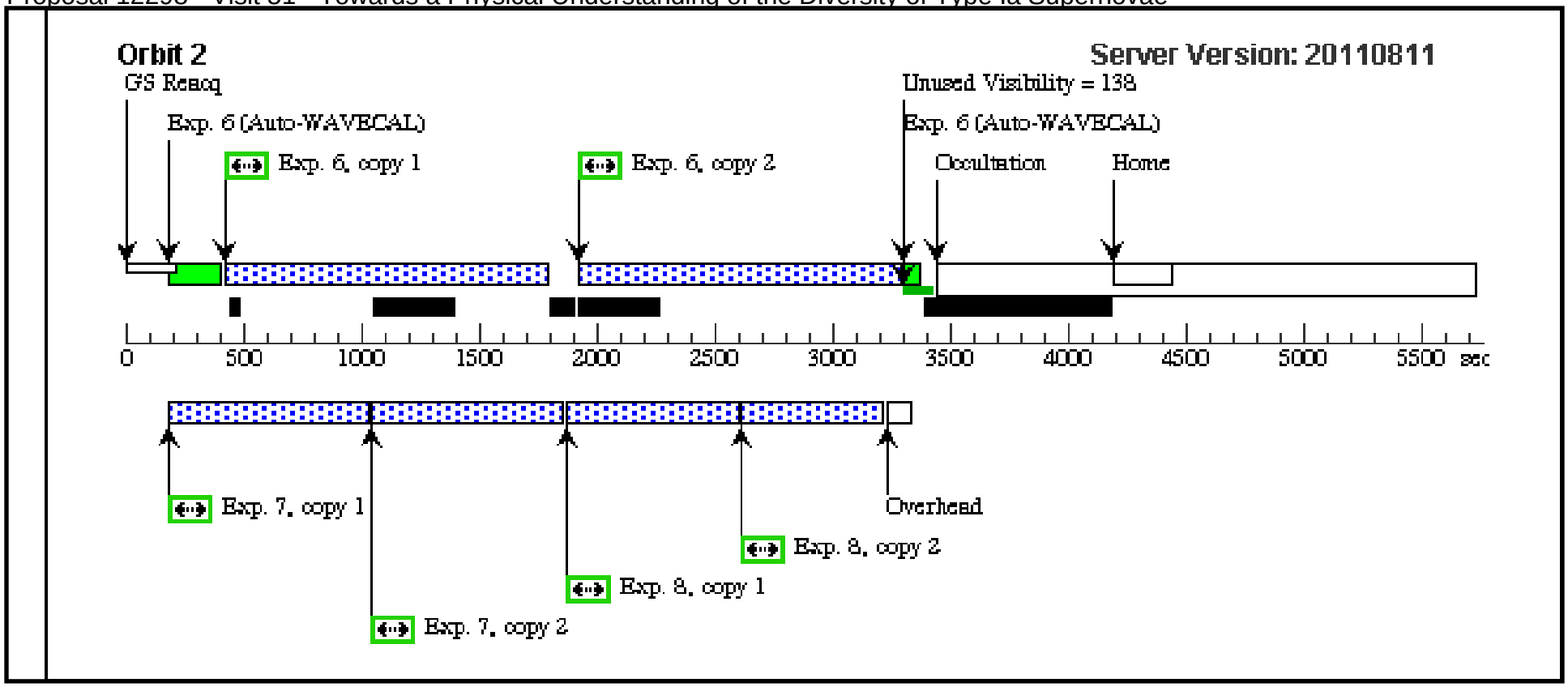
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	PTF11KLY	RA: 14 03 5.8130 (210.7742208d)	Redshift: 0.0008	V=11+/-1.5	Reference Frame: ICRS
		Dec: +54 16 25.36 (54.27371d)			
		Equinox: J2000			

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(4) PTF11KLY	STIS/CCD, ACQ, F28X50OII	MIRROR	ACQTYPE=POINT			15 Secs *[==>]*	***[1]***
2	CCD NearUVSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A	CR-SPLIT=2		Pattern 4, Exps 2-2 in Visit 51 (4)	500 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	***[1]***
3	CCD OptSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=2		Pattern 4, Exps 3-3 in Visit 51 (4)	80 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	***[1]***
4	CCD RedSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=2		Pattern 4, Exps 4-4 in Visit 51 (4)	70 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	***[1]***
5	FringeFlat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				*[==>(Copy 1)]* *[==>(Copy 2)]*	***[1]***
6		(4) PTF11KLY	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A			Prime + Parallel Group 6-8 in Visit 51	1360 Secs X 2 *[==>(Copy 1)]* *[==>(Copy 2)]*	***[2]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F555W			Prime + Parallel Group 6-8 in Visit 51	700 Secs X 2 *[==>(Copy 1)]* *[==>(Copy 2)]*	***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 6-8 in Visit 51	600 Secs X 2 *[==>(Copy 1)]* *[==>(Copy 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20110811
GS Reacq
Exp. 6 (Auto-WAVECAL)
Exp. 6, copy 1
Exp. 6, copy 2
Unused Visibility = 138
Exp. 6 (Auto-WAVECAL)
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 7, copy 1
Exp. 7, copy 2
Exp. 8, copy 1
Exp. 8, copy 2
Overhead

Visit

Proposal 12298, Visit 52, scheduling Thu Sep 08 01:04:39 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: PCS MODE FINE; BETWEEN 30-SEP-2011:00:00:00 AND 01-OCT-2011:23:59:59

Comments: eigth (+20) epoch CCD spectroscopy

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=STIS-ALONG-SLIT	Coordinate Frame=POS-TARG		(2), (3), (5)
	Purpose=DITHER	Pattern Orientation=90.0		
	Number Of Points=2	Angle Between Sides=		
	Point Spacing=0.35	Center Pattern=false		
	Line Spacing=			

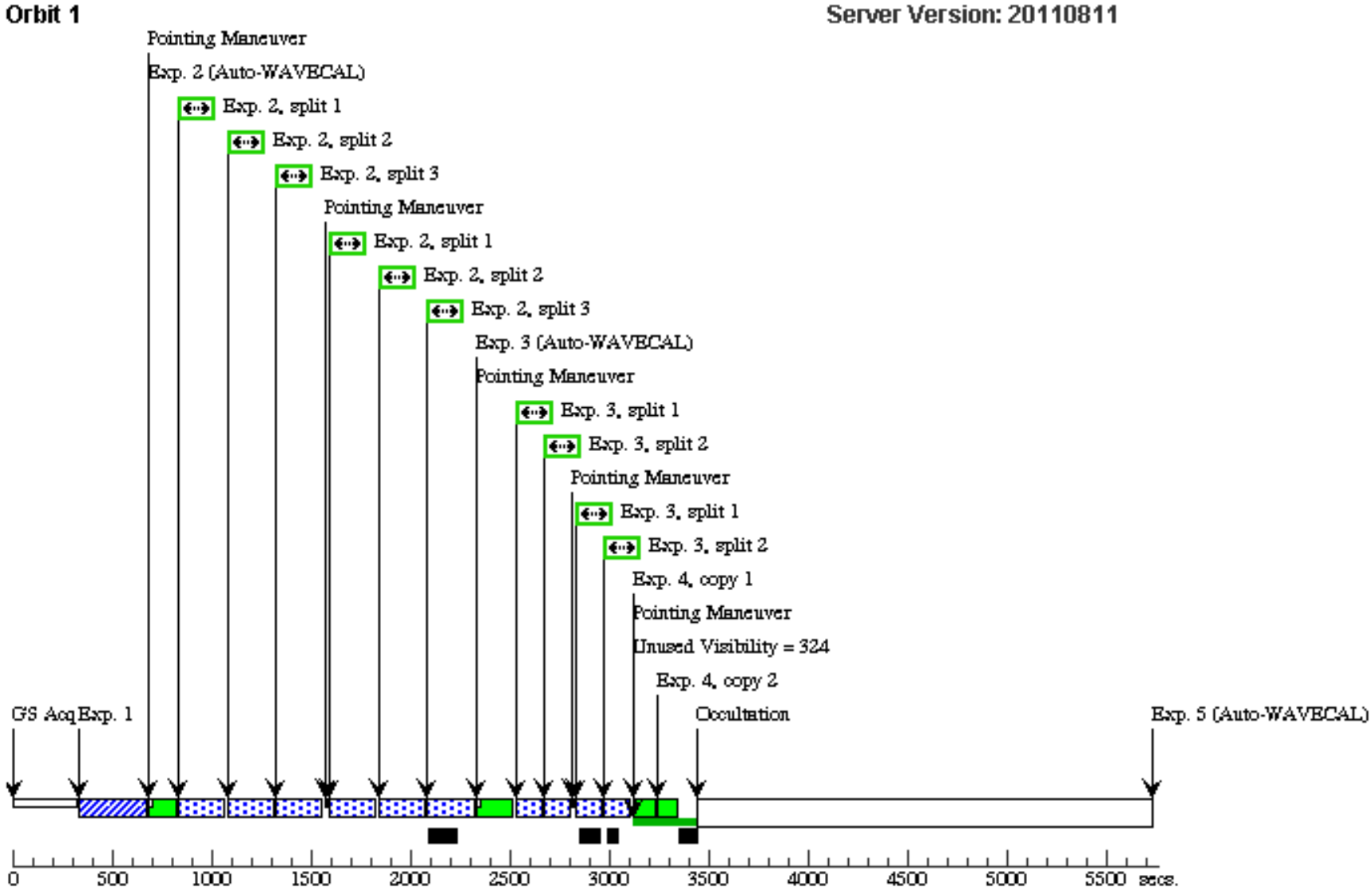
Fixed Targets

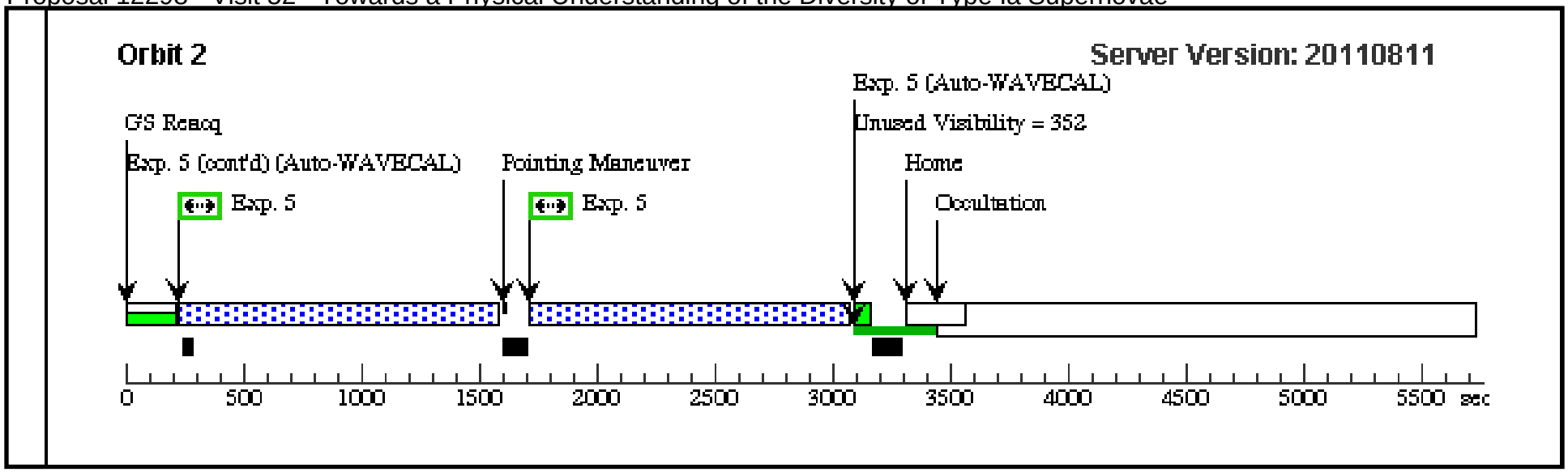
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	PTF11KLY	RA: 14 03 5.8130 (210.7742208d) Dec: +54 16 25.36 (54.27371d) Equinox: J2000	Redshift: 0.0008	V=11+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(4) PTF11KLY	STIS/CCD, ACQ, F28X50OII	MIRROR	ACQTYPE=POINT			20 Secs	
								[==>]	***[1]***
2	CCD UVSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3		Pattern 4, Exps 2-2 in Visit 52 (4)	600 Secs	
								[==>(Pattern 1, Split 1)] *[==>(Pattern 1, Split 2)]* *[==>(Pattern 1, Split 3)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]* *[==>(Pattern 2, Split 3)]*	***[1]***
3	CCD RedSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=2		Pattern 4, Exps 3-3 in Visit 52 (4)	190 Secs	
								[==>(Pattern 1, Split 1)] *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	***[1]***
4	FringeFlat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				*[==>(Copy 1)]* *[==>(Copy 2)]*	***[1]***
5	FarUVSpectrum	(4) PTF11KLY	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A			Pattern 4, Exps 5-5 in Visit 52 (4)	1350 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20110811
GS Reacq
Exp. 5 (cont'd) (Auto-WAVECAL)
Exp. 5
Pointing Maneuver
Exp. 5
Exp. 5 (Auto-WAVECAL)
Unused Visibility = 352
Home
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12298, Visit 53, scheduling Thu Sep 08 01:04:39 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: PCS MODE FINE; BETWEEN 07-OCT-2011:00:00:00 AND 09-OCT-2011:00:00:00

Comments: ninth (+30) epoch CCD spectroscopy

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=STIS-ALONG-SLIT	Coordinate Frame=POS-TARG		(2), (3), (5)
	Purpose=DITHER	Pattern Orientation=90.0		
	Number Of Points=2	Angle Between Sides=		
	Point Spacing=0.35	Center Pattern=false		
	Line Spacing=			

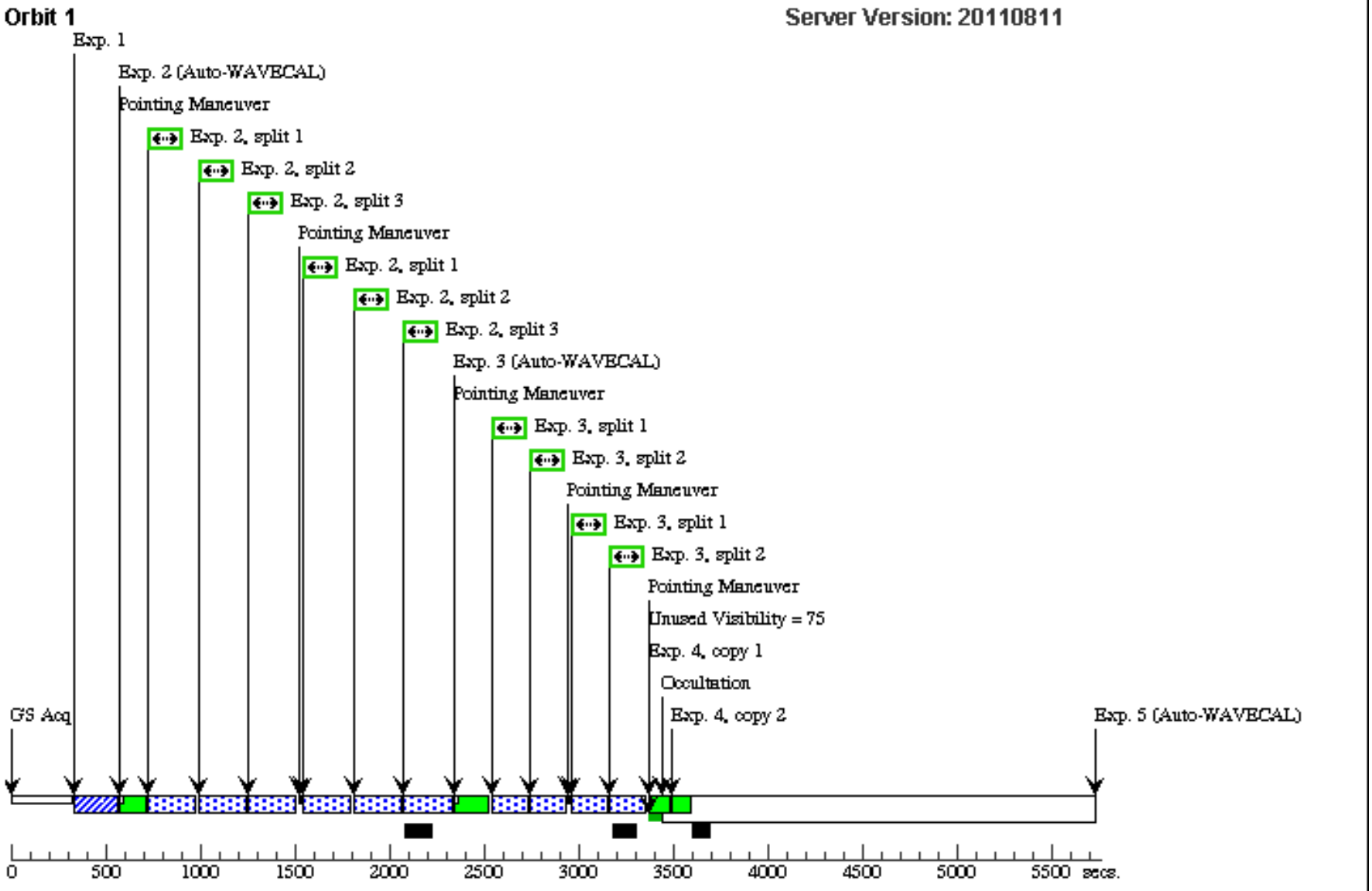
Fixed Targets

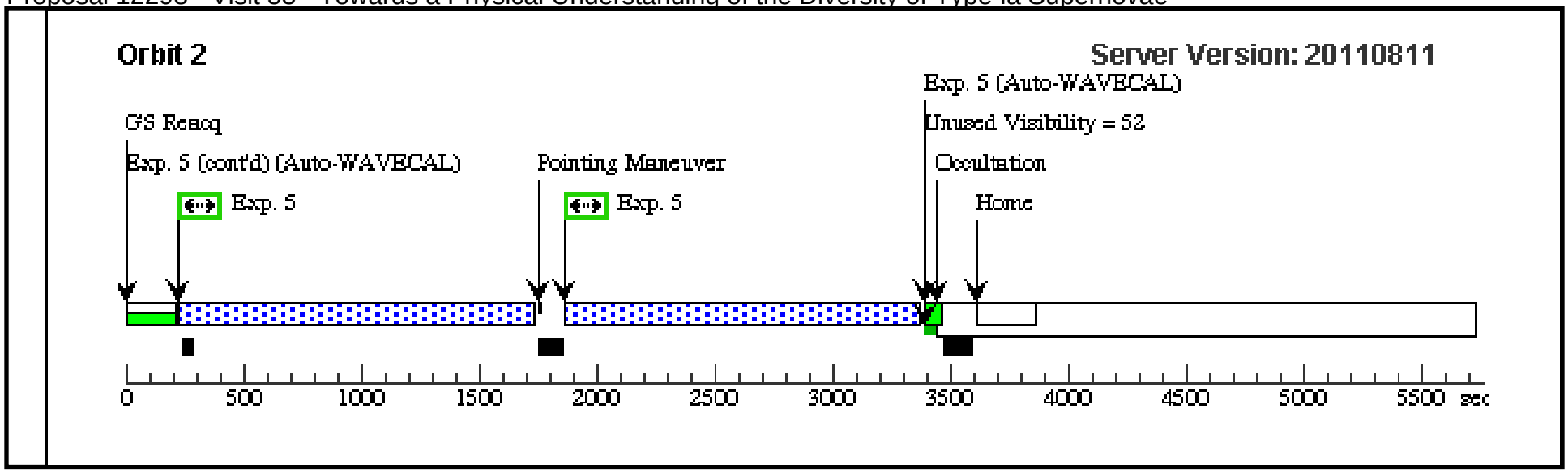
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	PTF11KLY	RA: 14 03 5.8130 (210.7742208d) Dec: +54 16 25.36 (54.27371d) Equinox: J2000	Redshift: 0.0008	V=11+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(4) PTF11KLY	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.4 Secs *[==>]*	*[1]*
2	CCD UVSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=3		Pattern 4, Exps 2-2 in Visit 53 (4)	660 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 1, Split 3)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]* *[==>(Pattern 2, Split 3)]*	*[1]*
3	CCD RedSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=2		Pattern 4, Exps 3-3 in Visit 53 (4)	310 Secs *[==>(Pattern 1, Split 1)]* *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	*[1]*
4	FringeFlat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				*[==>(Copy 1)]* *[==>(Copy 2)]*	*[1]*
5	FarUVSpectrum	(4) PTF11KLY	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A			Pattern 4, Exps 5-5 in Visit 53 (4)	1500 Secs *[==>(Pattern 1)]* *[==>(Pattern 2)]*	*[2]*

Orbit Structure




Orbit 2
Server Version: 20110811
GS Reacq
Exp. 5 (cont'd) (Auto-WAVECAL)
Exp. 5
Pointing Maneuver
Exp. 5
Exp. 5 (Auto-WAVECAL)
Unused Visibility = 52
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12298, Visit 54, scheduling Thu Sep 08 01:04:40 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: PCS MODE FINE; BETWEEN 21-OCT-2011:00:00:00 AND 23-OCT-2011:23:59:59

Comments: twelth (+45) epoch CCD spectroscopy

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=STIS-ALONG-SLIT	Coordinate Frame=POS-TARG		(2), (3), (5)
	Purpose=DITHER	Pattern Orientation=90.0		
	Number Of Points=2	Angle Between Sides=		
	Point Spacing=0.35	Center Pattern=false		
	Line Spacing=			

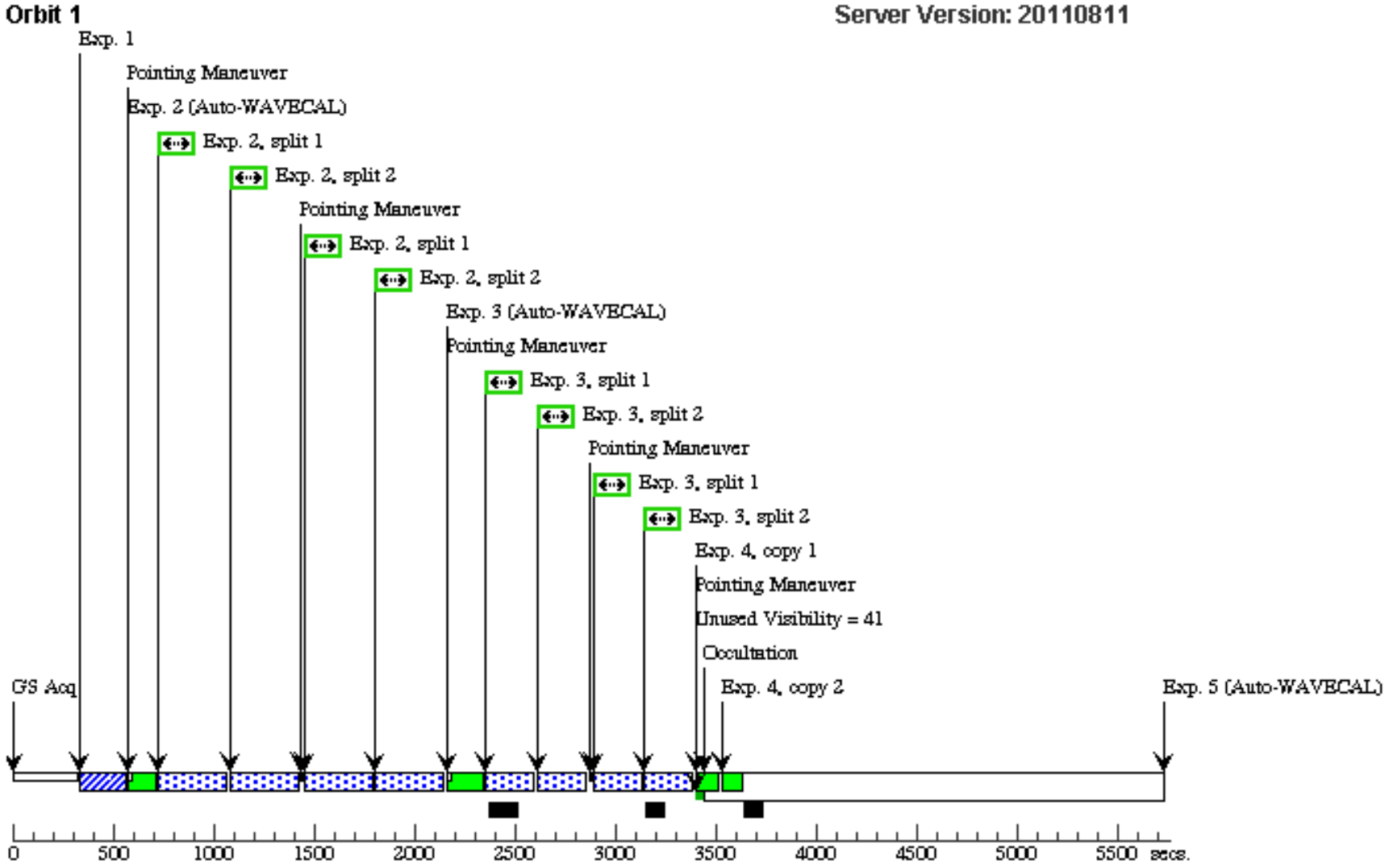
Fixed Targets

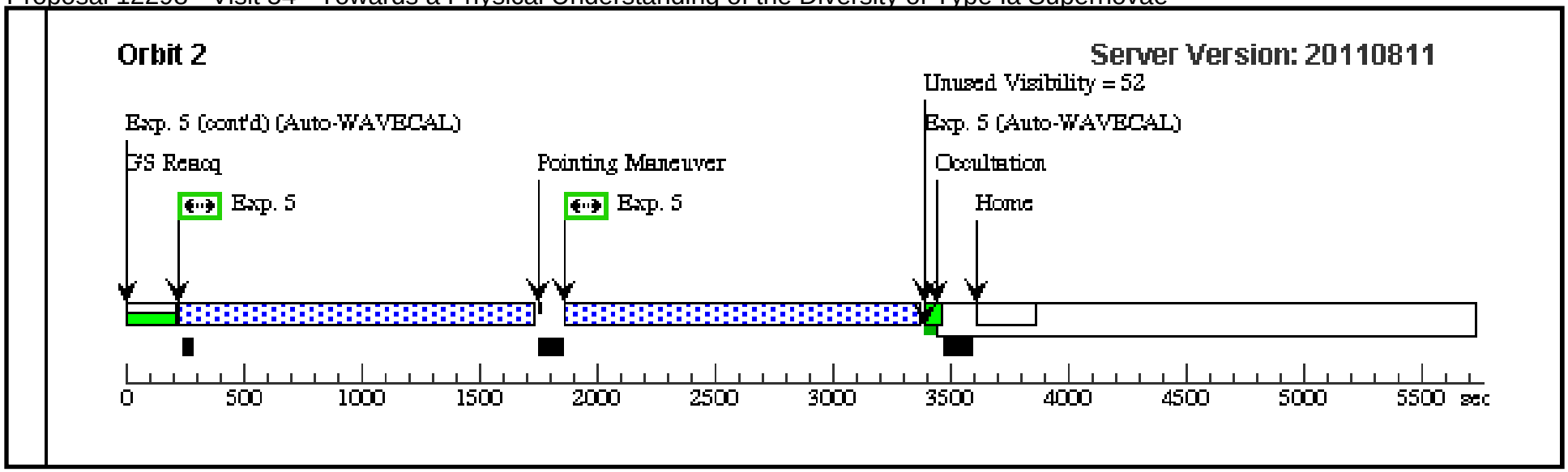
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	PTF11KLY	RA: 14 03 5.8130 (210.7742208d) Dec: +54 16 25.36 (54.27371d) Equinox: J2000	Redshift: 0.0008	V=11+/-1.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	TargetAcquisition	(4) PTF11KLY	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.5 Secs	
								[==>]	***[1]***
2	CCD UVSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	CR-SPLIT=2		Pattern 4, Exps 2-2 in Visit 54 (4)	610 Secs	
								[==>(Pattern 1, Split 1)] *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	***[1]***
3	CCD RedSpectrum	(4) PTF11KLY	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=2		Pattern 4, Exps 3-3 in Visit 54 (4)	420 Secs	
								[==>(Pattern 1, Split 1)] *[==>(Pattern 1, Split 2)]* *[==>(Pattern 2, Split 1)]* *[==>(Pattern 2, Split 2)]*	***[1]***
4	FringeFlat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				*[==>(Copy 1)]* *[==>(Copy 2)]*	***[1]***
5	FarUVSpectrum	(4) PTF11KLY	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A			Pattern 4, Exps 5-5 in Visit 54 (4)	1500 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20110811
Unused Visibility = 52
Exp. 5 (cont'd) (Auto-WAVECAL)
Exp. 5 (Auto-WAVECAL)
GS Reacq
Pointing Maneuver
Occultation
Exp. 5
Exp. 5
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec