



12519 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Cycle: 19, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. Raghvendra Sahai (PI)	Jet Propulsion Laboratory	raghvendra.sahai@jpl.nasa.gov
Dr. Mark R. Morris (CoI)	University of California - Los Angeles	morris@astro.ucla.edu
Dr. Mark Claussen (CoI)	Associated Universities, Inc.	mclausse@aac.nrao.edu
Dr. Hans van Winckel (CoI) (ESA Member)	Katholieke Universiteit Leuven	hans@ster.kuleuven.ac.be
Ms. Els van Aarle (CoI) (ESA Member)	Katholieke Universiteit Leuven	els.vanaarle@ster.kuleuven.be

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) J045140.74-674456.9	ACS/WFC	1	24-Aug-2011 21:10:43.0	yes
02	(2) J045218.08-671517.9	ACS/WFC	1	24-Aug-2011 21:10:48.0	yes
03	(3) J045428.23-662528.2	ACS/WFC	1	24-Aug-2011 21:10:52.0	yes
04	(4) J045330.05-691749.5	ACS/WFC	1	24-Aug-2011 21:10:56.0	yes
05	(5) J045622.62-663656.8	ACS/WFC	1	24-Aug-2011 21:11:00.0	yes
06	(6) J045747.95-661842.2	ACS/WFC	1	24-Aug-2011 21:11:04.0	yes
07	(7) J050016.18-661531.1	ACS/WFC	1	24-Aug-2011 21:11:08.0	yes
08	(8) J050138.22-685831.6	ACS/WFC	1	24-Aug-2011 21:11:11.0	yes
09	(9) J050432.15-704412.0	ACS/WFC	1	24-Aug-2011 21:11:15.0	yes

Proposal 12519 (STScI Edit Number: 1, Created: Wednesday, August 24, 2011 8:12:35 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>
10	(10) J050527.83-665321.0	ACS/WFC	1	24-Aug-2011 21:11:18.0	yes
11	(11) J050558.68-693953.6	ACS/WFC	1	24-Aug-2011 21:11:22.0	yes
12	(12) J050835.91-711730.6	ACS/WFC	1	24-Aug-2011 21:11:26.0	yes
13	(13) J050841.01-692445.4	ACS/WFC	1	24-Aug-2011 21:11:31.0	yes
14	(14) J051029.97-680245.9	ACS/WFC	1	24-Aug-2011 21:11:35.0	yes
15	(15) J051110.64-661253.7	ACS/WFC	1	24-Aug-2011 21:11:38.0	yes
16	(16) J051213.79-693537.1	ACS/WFC	1	24-Aug-2011 21:11:42.0	yes
17	(17) J051228.18-690755.8	ACS/WFC	1	24-Aug-2011 21:11:45.0	yes
18	(18) J051828.18-680404.0	ACS/WFC	1	24-Aug-2011 21:11:49.0	yes
19	(19) J051848.84-700247.0	ACS/WFC	1	24-Aug-2011 21:11:52.0	yes
20	(20) J051845.23-700534.5	ACS/WFC	1	24-Aug-2011 21:11:56.0	yes
21	(21) J052000.01-693617.7	ACS/WFC	1	24-Aug-2011 21:11:59.0	yes
22	(22) J052043.86-692341.0	ACS/WFC	1	24-Aug-2011 21:12:02.0	yes
23	(23) J052245.11-713610.2	ACS/WFC	1	24-Aug-2011 21:12:08.0	yes
24	(24) J052340.49-680528.2	ACS/WFC	1	24-Aug-2011 21:12:11.0	yes
25	(25) J052520.76-705007.5	ACS/WFC	1	24-Aug-2011 21:12:14.0	yes
26	(26) J052629.62-674144.6	ACS/WFC	1	24-Aug-2011 21:12:18.0	yes
27	(27) J052804.80-685947.2	ACS/WFC	1	24-Aug-2011 21:12:21.0	yes
28	(28) J052902.39-661527.7	ACS/WFC	1	24-Aug-2011 21:12:24.0	yes
29	(29) J053431.48-683513.7	ACS/WFC	1	24-Aug-2011 21:12:27.0	yes
30	(30) J054855.15-700510.7	ACS/WFC	1	24-Aug-2011 21:12:31.0	yes

30 Total Orbits Used

ABSTRACT

Pre-Planetary nebulae (PPNs), dying stars in transition between the AGB and planetary nebula (PN) evolutionary phases, hold the key to our understanding of

the late evolutionary stages of (1-8) solar mass stars. Imaging surveys of Galactic young PNs and PPNs with HST show that the fraction of round objects is insignificant, whereas bipolar and multipolar morphologies abound, implying a dramatic but poorly understood transformation of the mass-loss process during the PPN phase. But the lack of reliable distances for most of these objects means that many key properties of these objects such as luminosity, dynamical time-scales, and masses cannot be determined, making it impossible to address many fundamental questions related to their evolution. In fact, a small sub-class of Galactic PPNs appear to be apparently very long-lived (with dynamical ages of >6000 years), providing a challenge for single-star stellar evolution theory because the latter predicts a very short lifetime for this phase (about 1000 yr or less).

We therefore propose a pilot SNAPshot imaging survey of a small sample of spectroscopically-confirmed PPNs in the LMC with ACS/WFC. The well-known distance to the LMC will enable us to determine their sizes (and thus nebular ages) and luminosities unambiguously, providing compelling tests of stellar evolution models. The discovery of long-lived PPNs in the LMC from this survey will provide strong support for the much debated binary hypothesis as the correct explanation for why the majority of PNs and PPNs are bipolar, multipolar or show other varieties of aspherical morphologies, even though the mass-loss envelopes of the progenitor AGB star are generally round.

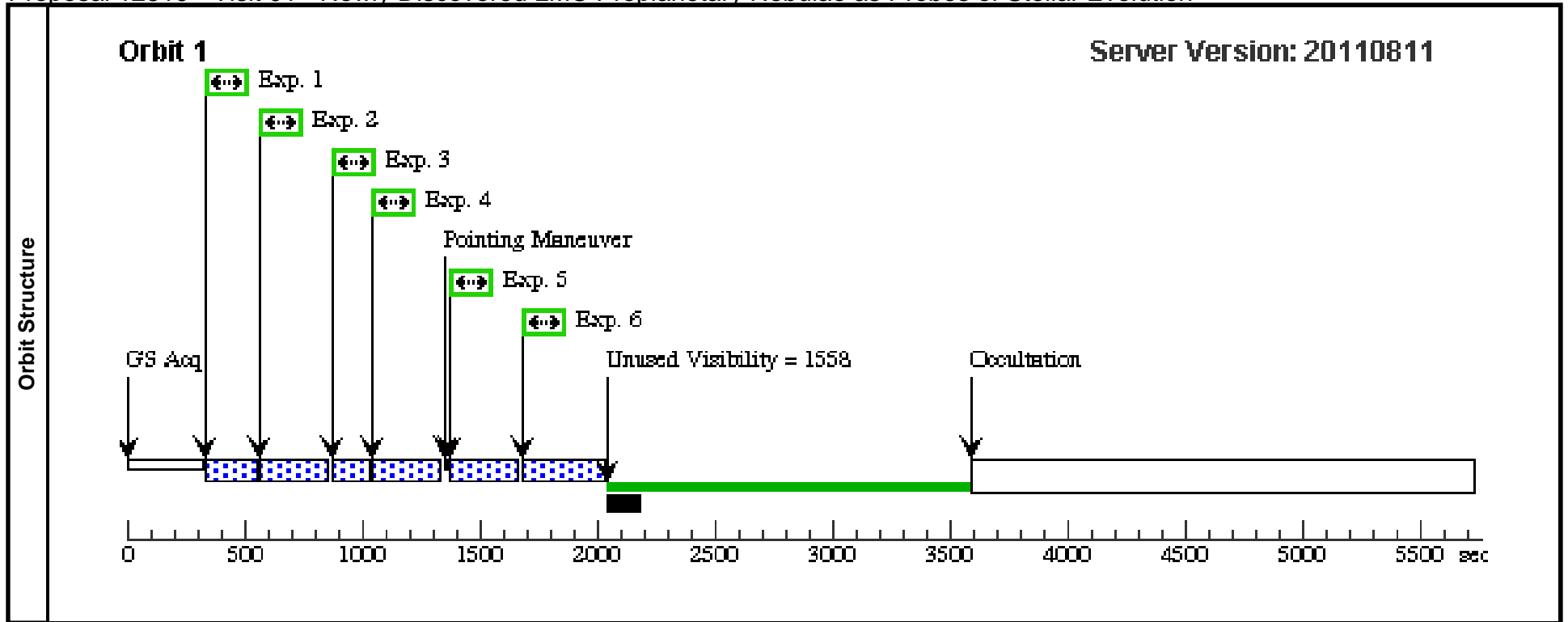
OBSERVING DESCRIPTION

imaging survey of protoplanetary nebulae

Proposal 12519 - Visit 01 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:36 GMT 2011

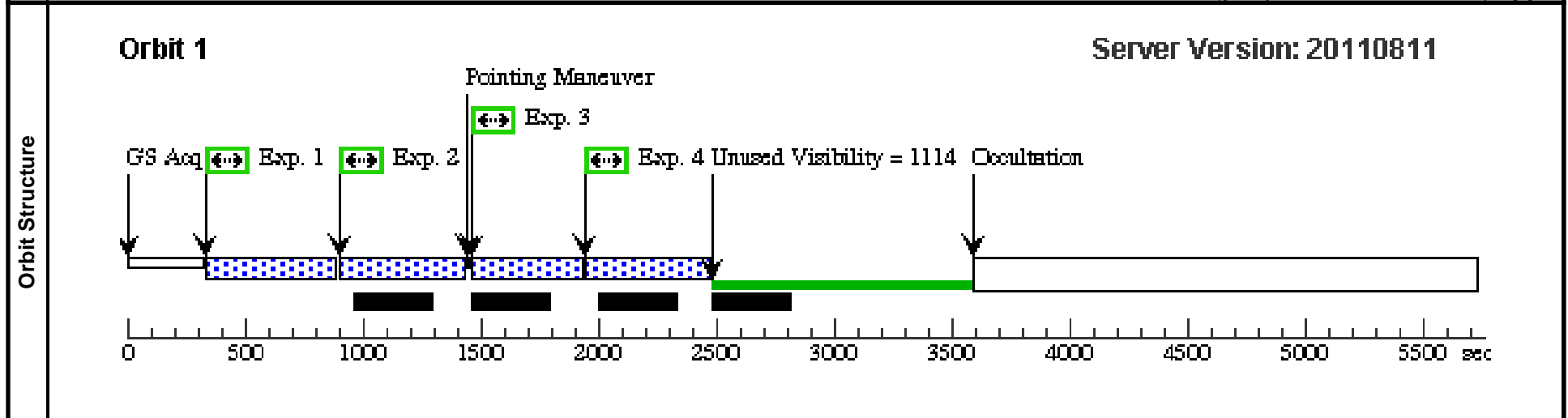
Visit	Proposal 12519, Visit 01 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	J045140.74-674456.9	RA: 04 51 40.7400 (72.9197500d) Dec: -67 44 56.90 (-67.74914d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=16.47+/-0.3	Reference Frame: MSX					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		(1) J045140.74-6744 56.9	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			15 Secs [==>]	[1]	
	<i>Comments: variable by 0.2 mags</i>										
	2		(1) J045140.74-6744 56.9	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]	
	3		(1) J045140.74-6744 56.9	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			10.0 Secs [==>]	[1]	
	<i>Comments: assume I=V-2=14.5</i>										
	4		(1) J045140.74-6744 56.9	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]	
5		(1) J045140.74-6744 56.9	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084			200 Secs [==>]	[1]	
6		(1) J045140.74-6744 56.9	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5			200 Secs [==>]	[1]	



Visit	Proposal 12519, Visit 02				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	J045218.08-671517.9	RA: 04 52 18.0800 (73.0753333d) Dec: -67 15 17.90 (-67.25497d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) J045218.08-671517.9	ACS/WFC, ACCUM, WFC1	F606W	CR-SPLIT=NO			347.0 Secs [==>]	[1]
	2		(2) J045218.08-671517.9	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			347.0 Secs [==>]	[1]
	3		(2) J045218.08-671517.9	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		347.0 Secs [==>]	[1]
	4		(2) J045218.08-671517.9	ACS/WFC, ACCUM, WFC1	F606W	CR-SPLIT=NO	SAME POS AS 3		347.0 Secs [==>]	[1]

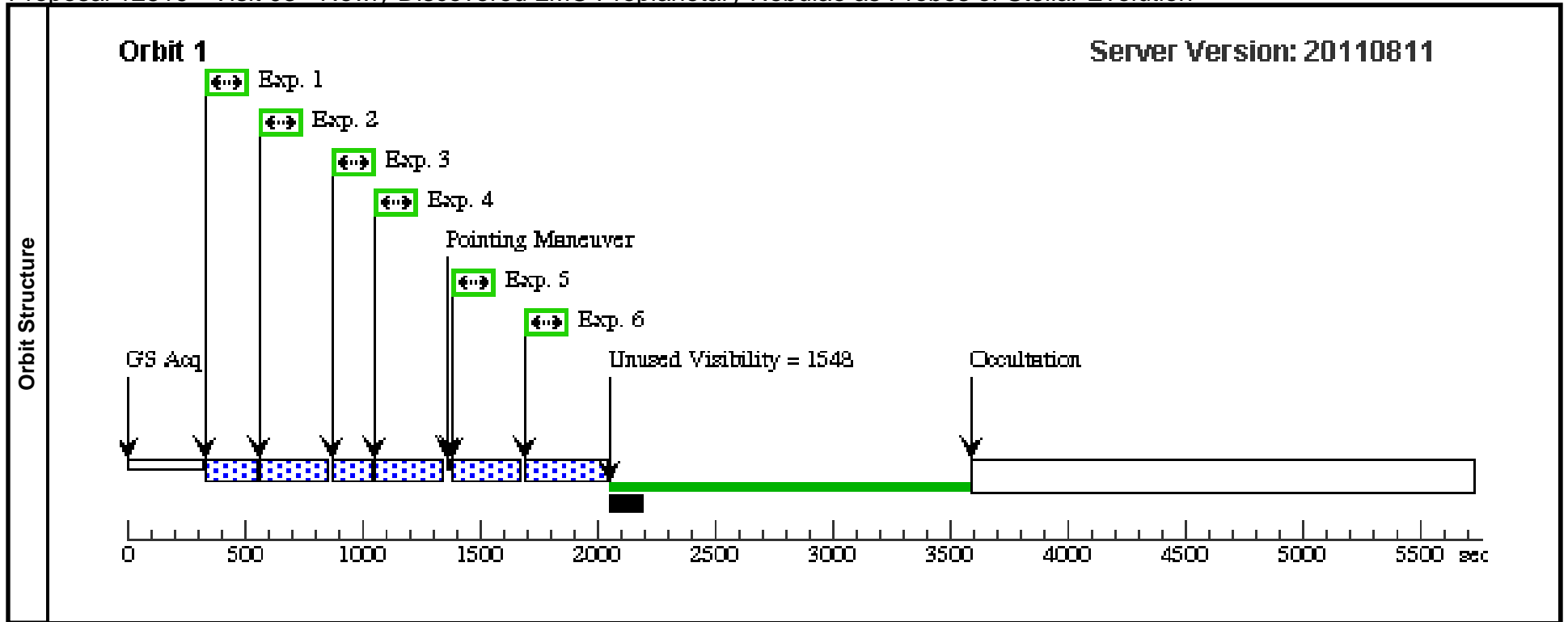


Proposal 12519 - Visit 03 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:38 GMT 2011

Fixed Targets	Fixed Targets					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	J045428.23-662528.2	RA: 04 54 28.2300 (73.6176250d) Dec: -66 25 28.20 (-66.42450d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) J045428.23-662528.2	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			15.0 Secs [==>]	[1]
	2		(3) J045428.23-662528.2	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(3) J045428.23-662528.2	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			20.0 Secs [==>]	[1]
	4		(3) J045428.23-662528.2	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(3) J045428.23-662528.2	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(3) J045428.23-662528.2	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]

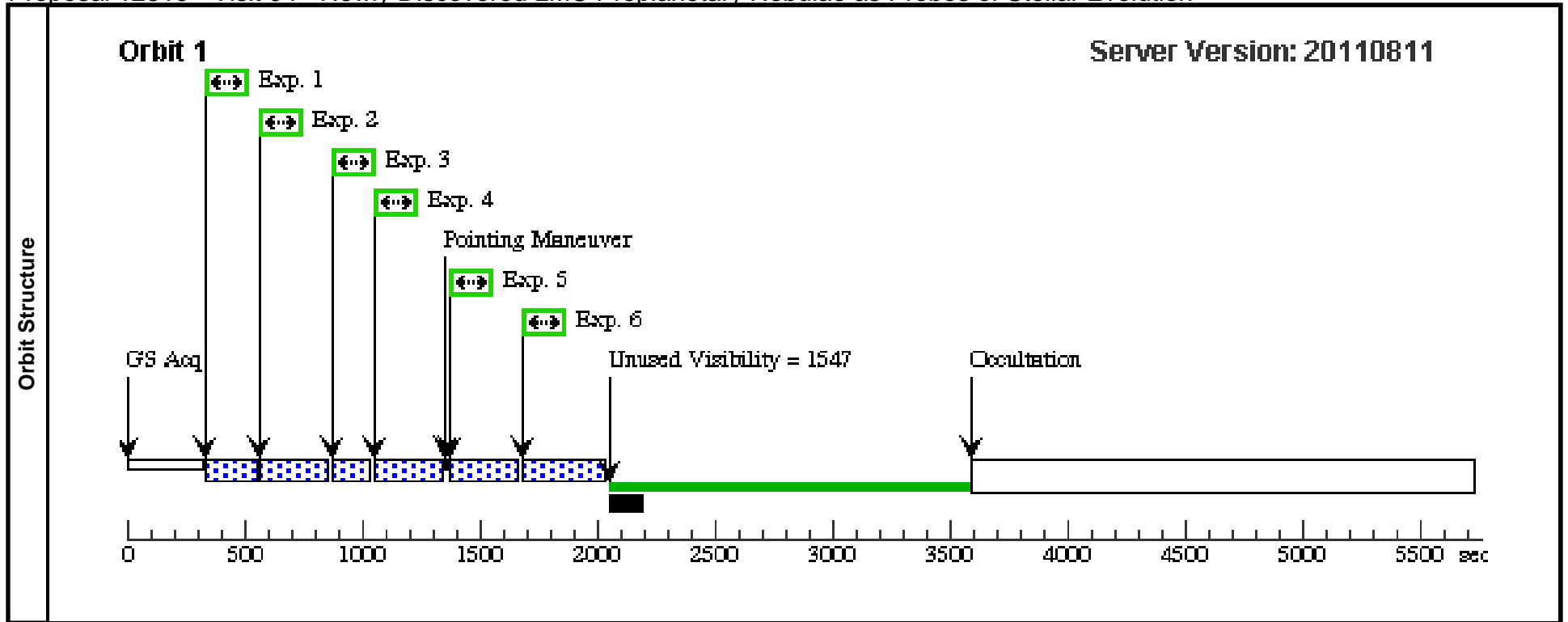


Proposal 12519 - Visit 04 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:39 GMT 2011

Fixed Targets	Fixed Targets					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	J045330.05-691749.5	RA: 04 53 30.0500 (73.3752083d) Dec: -69 17 49.50 (-69.29708d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) J045330.05-691749.5	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			2.0 Secs [==>]	[1]
	2		(4) J045330.05-691749.5	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(4) J045330.05-691749.5	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			5.0 Secs [==>]	[1]
	4		(4) J045330.05-691749.5	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(4) J045330.05-691749.5	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(4) J045330.05-691749.5	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]

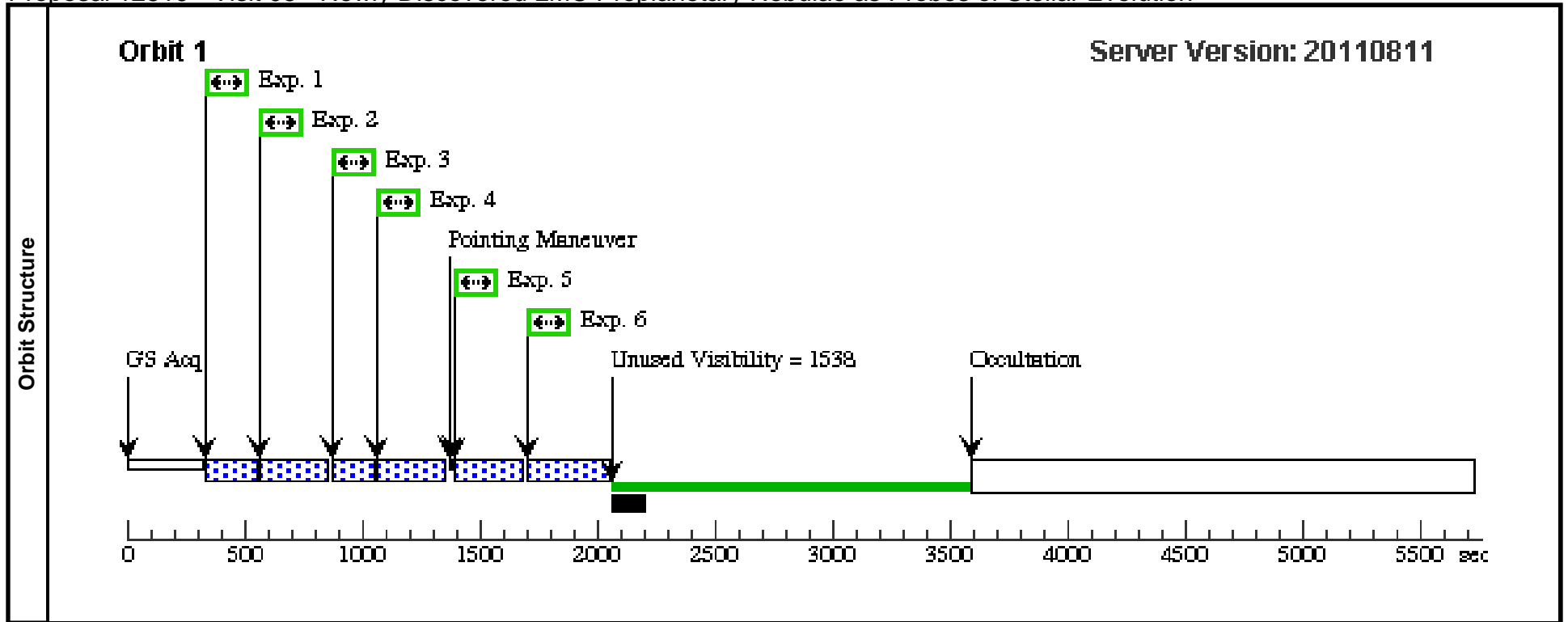


Proposal 12519 - Visit 05 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:39 GMT 2011

Fixed Targets	Fixed Targets					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	J045622.62-663656.8	RA: 04 56 22.6200 (74.0942500d) Dec: -66 36 56.80 (-66.61578d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX

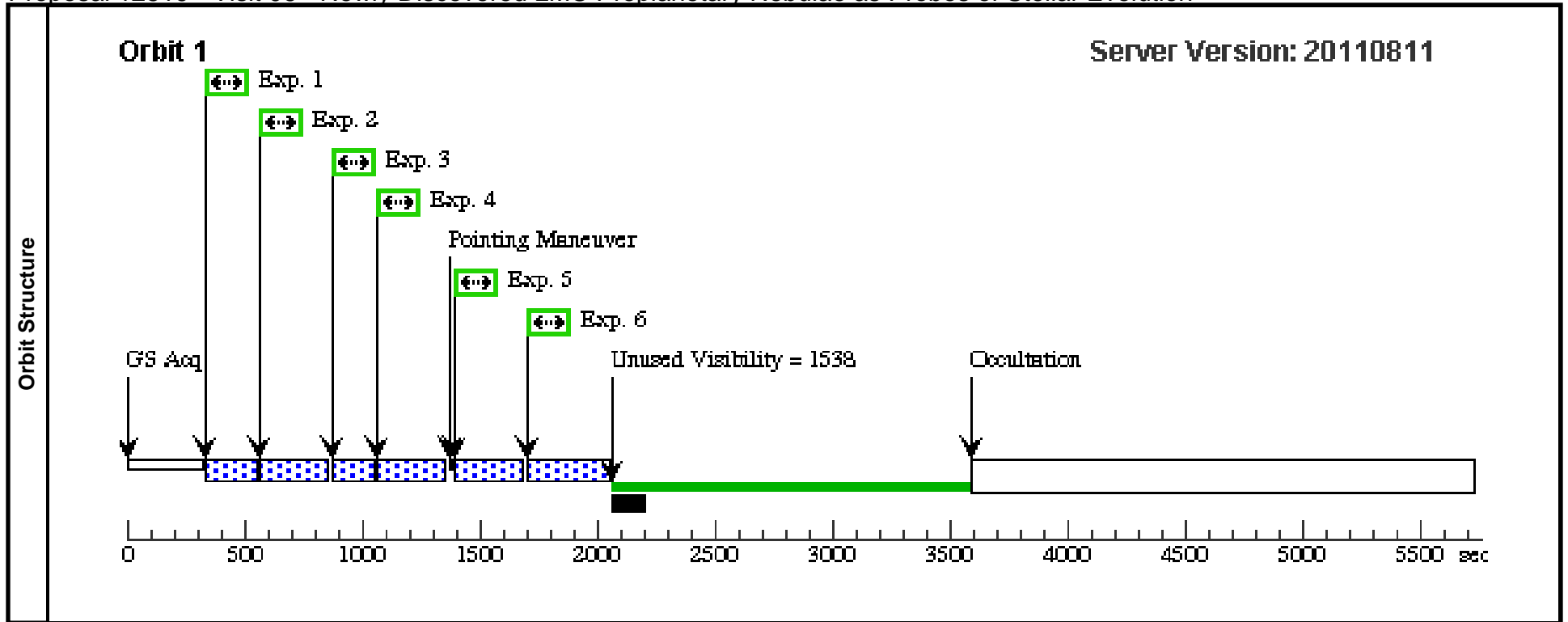
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) J045622.62-663656.8	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	2		(5) J045622.62-663656.8	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(5) J045622.62-663656.8	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	4		(5) J045622.62-663656.8	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(5) J045622.62-663656.8	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(5) J045622.62-663656.8	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 06 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:39 GMT 2011

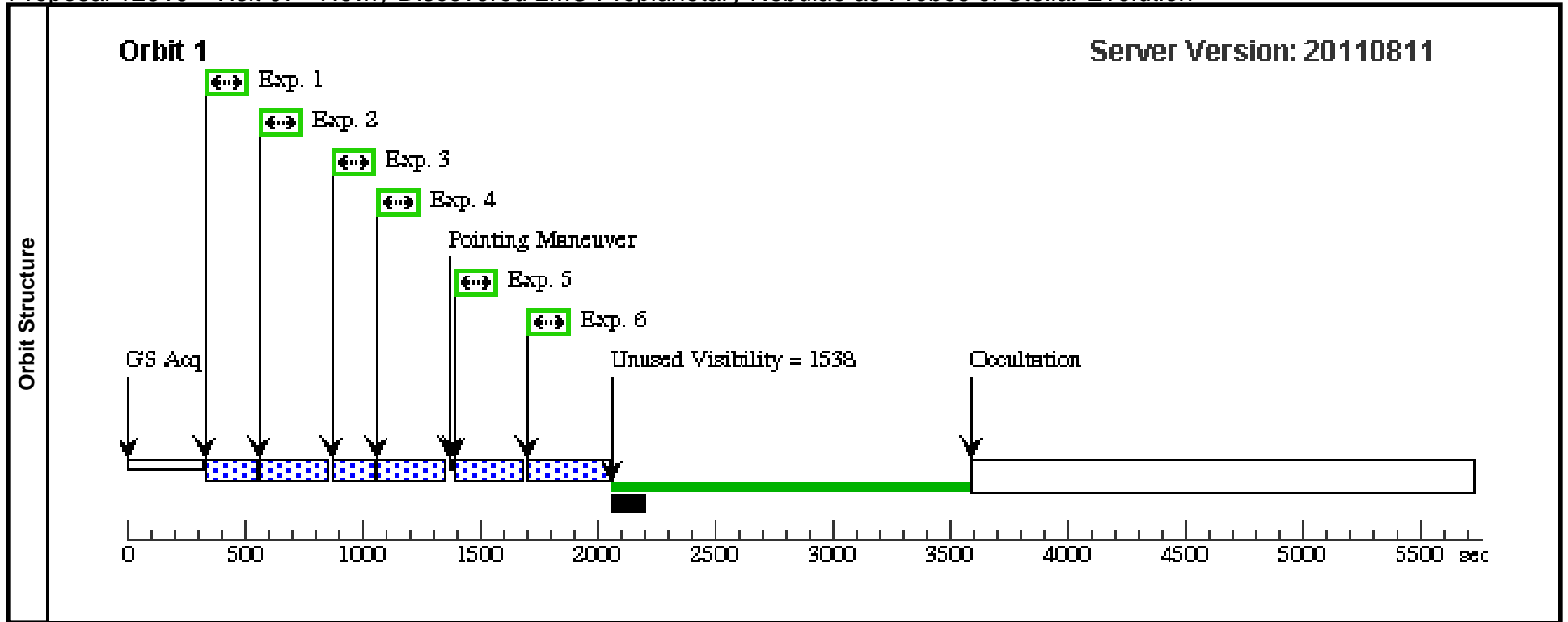
Fixed Targets	Visit									
	Proposal 12519, Visit 06 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
(6)	J045747.95-661842.2	RA: 04 57 47.9500 (74.4497917d) Dec: -66 18 42.20 (-66.31172d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(6) J045747.95-661842.2	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	2		(6) J045747.95-661842.2	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(6) J045747.95-661842.2	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	4		(6) J045747.95-661842.2	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(6) J045747.95-661842.2	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(6) J045747.95-661842.2	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 07 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:40 GMT 2011

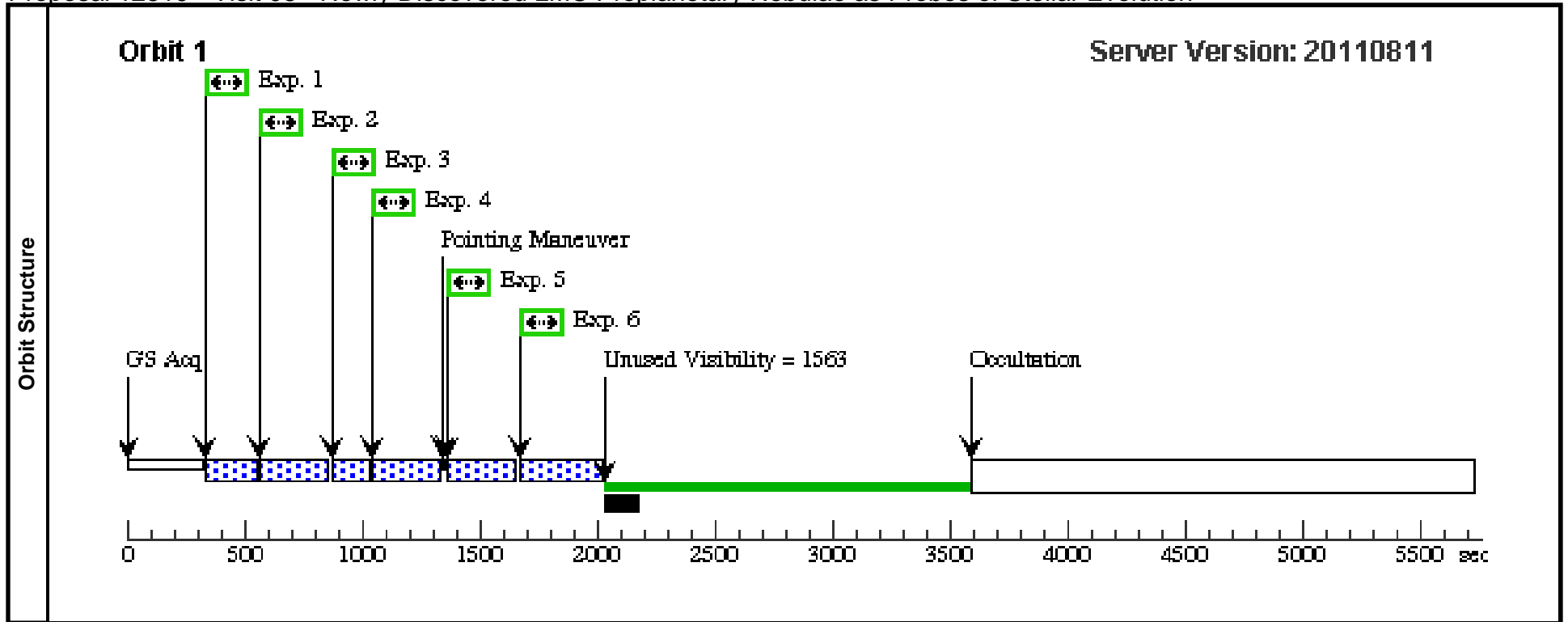
Fixed Targets	Visit									
	Proposal 12519, Visit 07 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
(7)	J050016.18-661531.1	RA: 05 00 16.1800 (75.0674167d) Dec: -66 15 31.10 (-66.25864d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(7) J050016.18-661531.1	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			25.0 Secs [==>]	[1]
	2		(7) J050016.18-661531.1	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(7) J050016.18-661531.1	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	4		(7) J050016.18-661531.1	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(7) J050016.18-661531.1	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(7) J050016.18-661531.1	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 08 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:40 GMT 2011

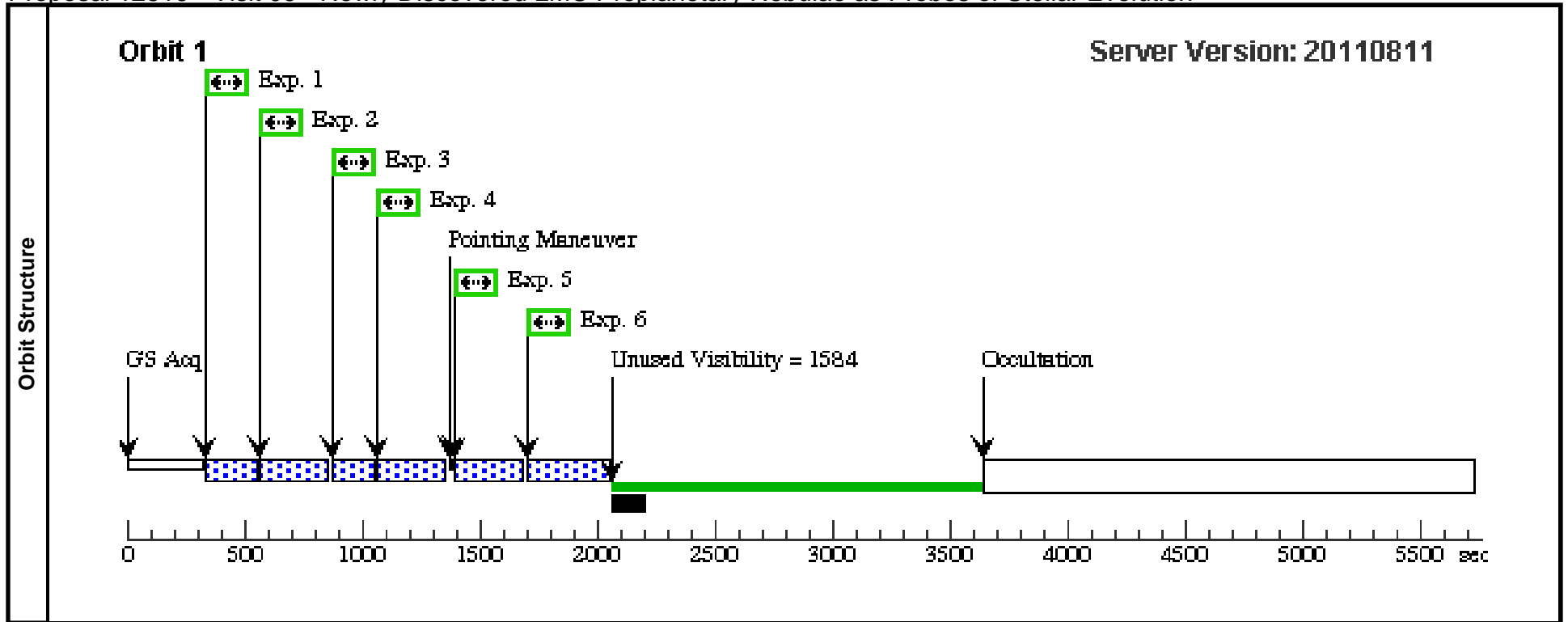
Visit	Proposal 12519, Visit 08 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(8)	J050138.22-685831.6	RA: 05 01 38.2200 (75.4092500d) Dec: -68 58 31.60 (-68.97544d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(8) J050138.22-685831.6	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			25.0 Secs [==>]	[1]
	2		(8) J050138.22-685831.6	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(8) J050138.22-685831.6	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			5.0 Secs [==>]	[1]
	4		(8) J050138.22-685831.6	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(8) J050138.22-685831.6	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(8) J050138.22-685831.6	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 09 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:40 GMT 2011

Visit	Proposal 12519, Visit 09 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(9)	J050432.15-704412.0	RA: 05 04 32.1500 (76.1339583d) Dec: -70 44 12.00 (-70.73667d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(9) J050432.15-7044 12.0	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	2		(9) J050432.15-7044 12.0	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(9) J050432.15-7044 12.0	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	4		(9) J050432.15-7044 12.0	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(9) J050432.15-7044 12.0	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(9) J050432.15-7044 12.0	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



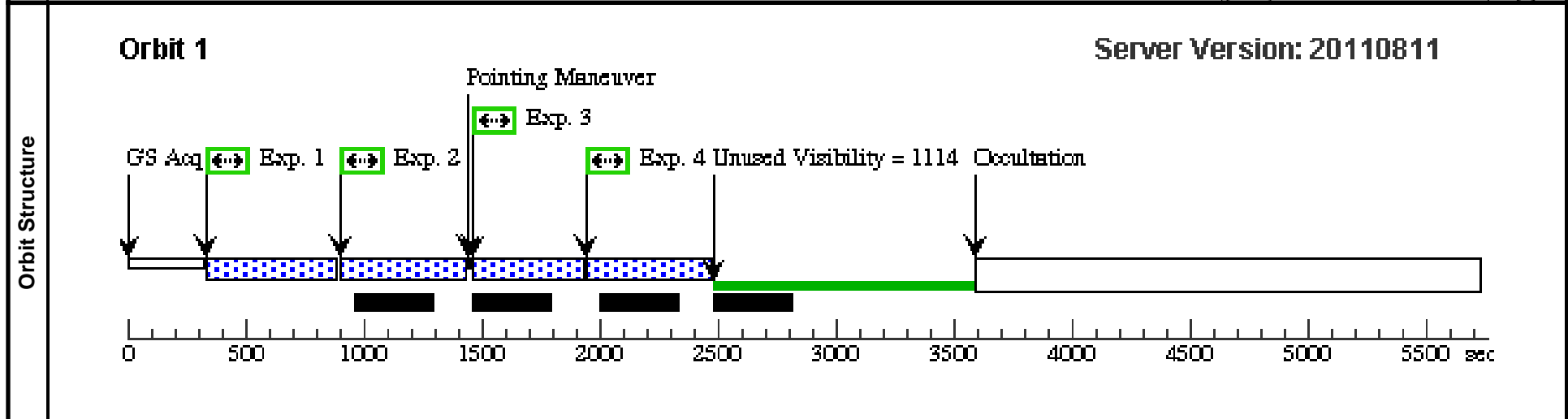
Proposal 12519 - Visit 10 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:41 GMT 2011

Visit	Proposal 12519, Visit 10				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	J050527.83-665321.0	RA: 05 05 27.8300 (76.3659583d) Dec: -66 53 21.00 (-66.88917d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX

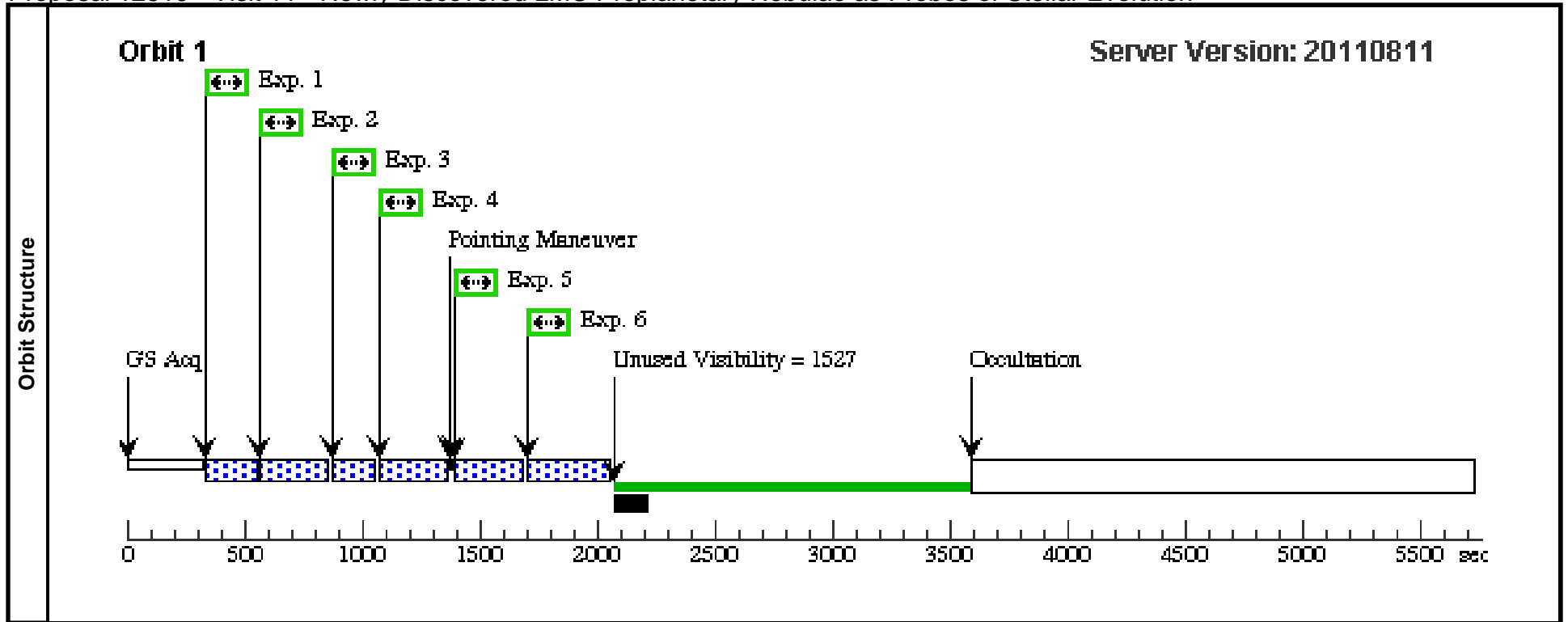
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(10) J050527.83-665321.0	ACS/WFC, ACCUM, WFC1	F606W	CR-SPLIT=NO			347.0 Secs [==>]	[1]
	2		(10) J050527.83-665321.0	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			347.0 Secs [==>]	[1]
	3		(10) J050527.83-665321.0	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		347.0 Secs [==>]	[1]
	4		(10) J050527.83-665321.0	ACS/WFC, ACCUM, WFC1	F606W	CR-SPLIT=NO	SAME POS AS 3		347.0 Secs [==>]	[1]



Proposal 12519 - Visit 11 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:41 GMT 2011

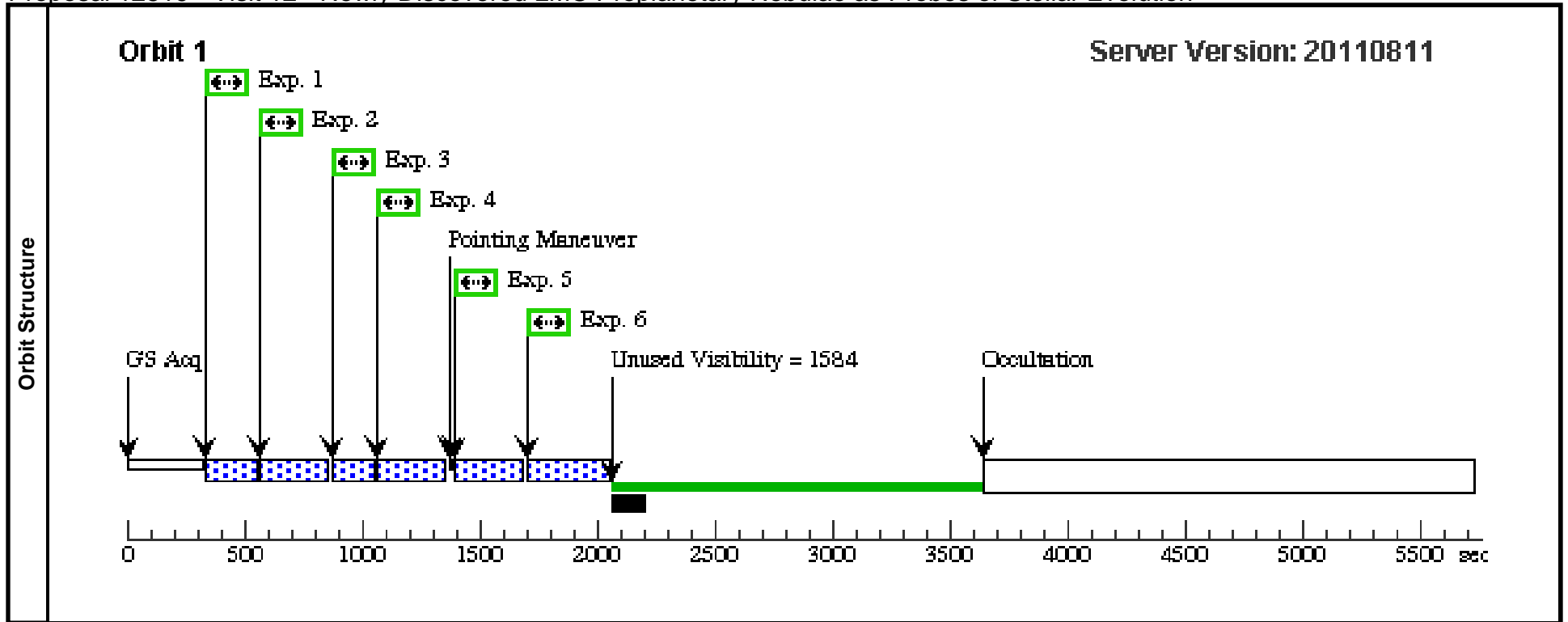
Visit	Proposal 12519, Visit 11 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(11)	J050558.68-693953.6	RA: 05 05 58.6800 (76.4945000d) Dec: -69 39 53.60 (-69.66489d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) J050558.68-693953.6	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			25.0 Secs [==>]	[1]
	2		(11) J050558.68-693953.6	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(11) J050558.68-693953.6	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			25.0 Secs [==>]	[1]
	4		(11) J050558.68-693953.6	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(11) J050558.68-693953.6	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(11) J050558.68-693953.6	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 12 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:41 GMT 2011

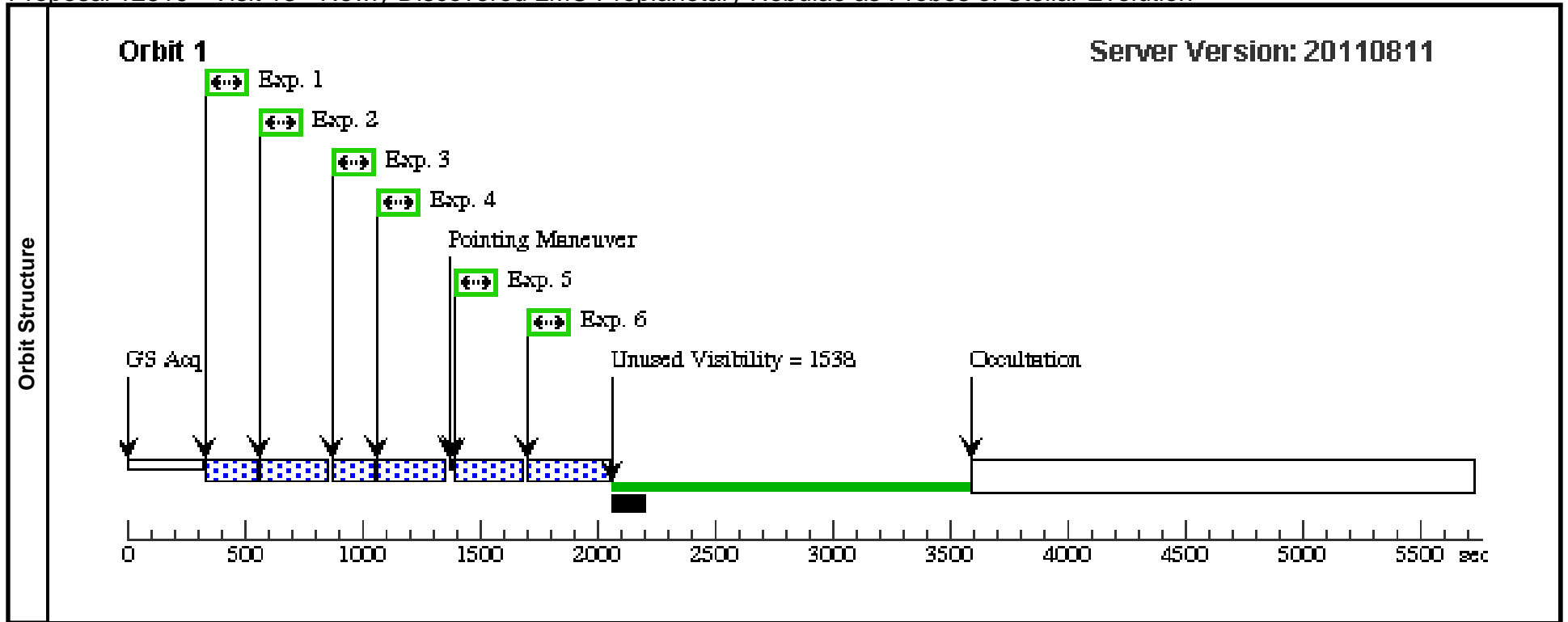
Fixed Targets	Visit									
	Proposal 12519, Visit 12 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
(12)	J050835.91-711730.6	RA: 05 08 35.9100 (77.1496250d) Dec: -71 17 30.60 (-71.29183d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(12) J050835.91-711730.6	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	2		(12) J050835.91-711730.6	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(12) J050835.91-711730.6	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	4		(12) J050835.91-711730.6	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(12) J050835.91-711730.6	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(12) J050835.91-711730.6	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 13 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:42 GMT 2011

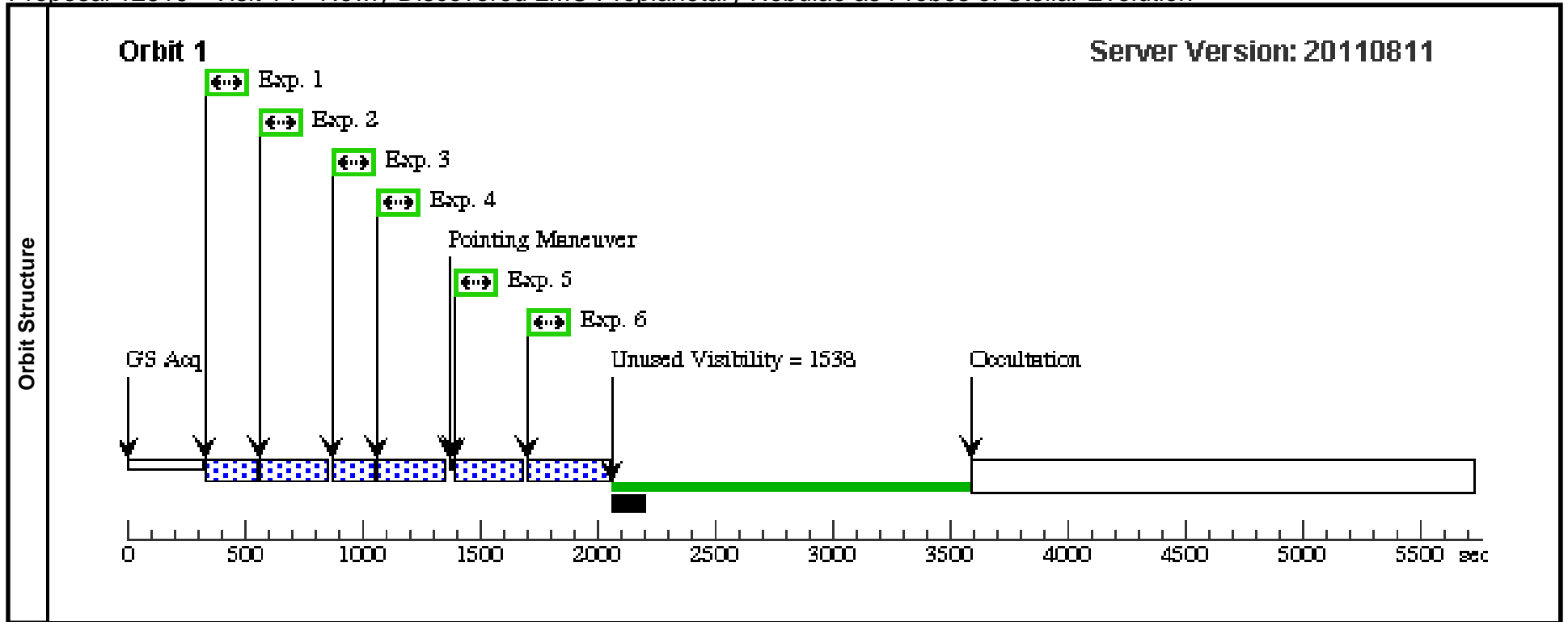
Fixed Targets	Visit									
	Proposal 12519, Visit 13 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
(13)	J050841.01-692445.4	RA: 05 08 41.0100 (77.1708750d) Dec: -69 24 45.40 (-69.41261d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(13) J050841.01-692445.4	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	2		(13) J050841.01-692445.4	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(13) J050841.01-692445.4	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	4		(13) J050841.01-692445.4	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(13) J050841.01-692445.4	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(13) J050841.01-692445.4	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 14 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:42 GMT 2011

Fixed Targets	Visit									
	Proposal 12519, Visit 14 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
(14)	J051029.97-680245.9	RA: 05 10 29.9700 (77.6248750d) Dec: -68 02 45.90 (-68.04608d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(14) J051029.97-680245.9	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			25.0 Secs [==>]	[1]
	2		(14) J051029.97-680245.9	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(14) J051029.97-680245.9	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	4		(14) J051029.97-680245.9	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(14) J051029.97-680245.9	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(14) J051029.97-680245.9	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]

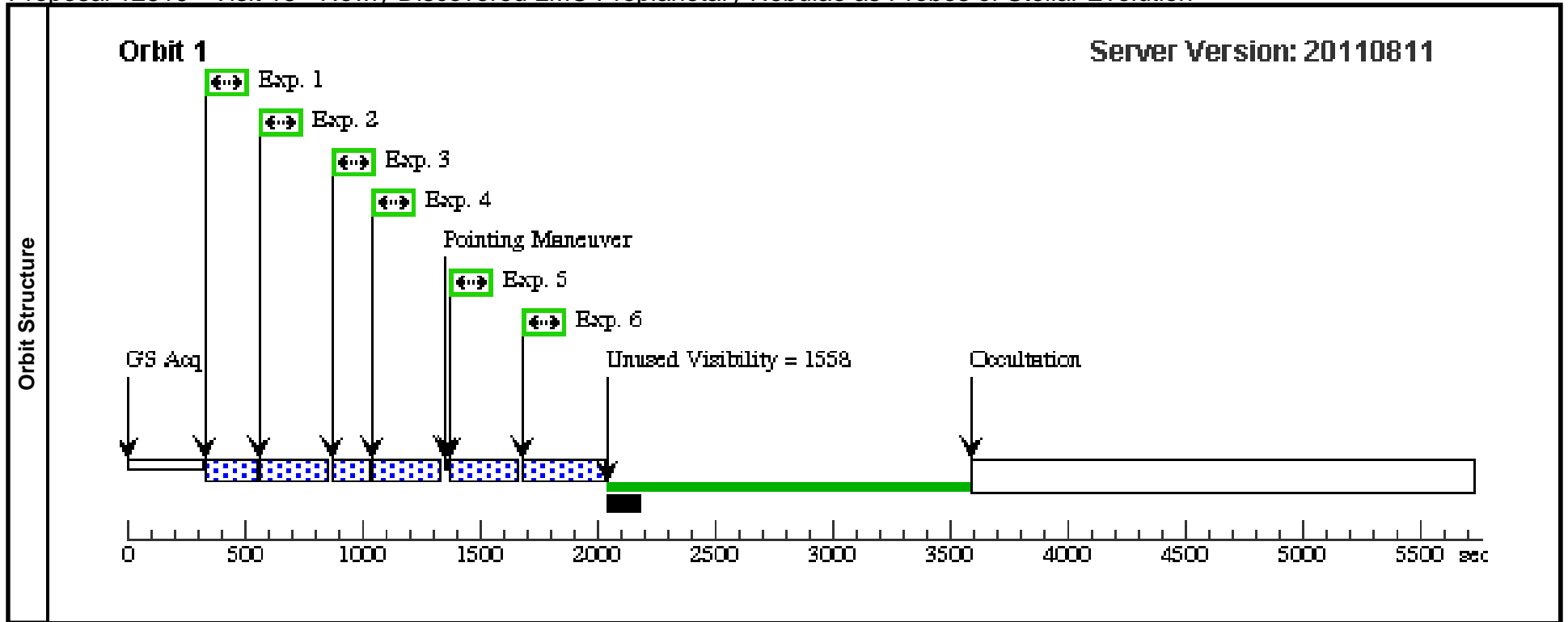


Proposal 12519 - Visit 15 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:42 GMT 2011

Fixed Targets	Fixed Targets					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	J051110.64-661253.7	RA: 05 11 10.6400 (77.7943333d) Dec: -66 12 53.70 (-66.21492d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(15) J051110.64-661253.7	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			7.50 Secs [==>]	[1]
	2		(15) J051110.64-661253.7	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(15) J051110.64-661253.7	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			10.0 Secs [==>]	[1]
	4		(15) J051110.64-661253.7	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(15) J051110.64-661253.7	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(15) J051110.64-661253.7	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]

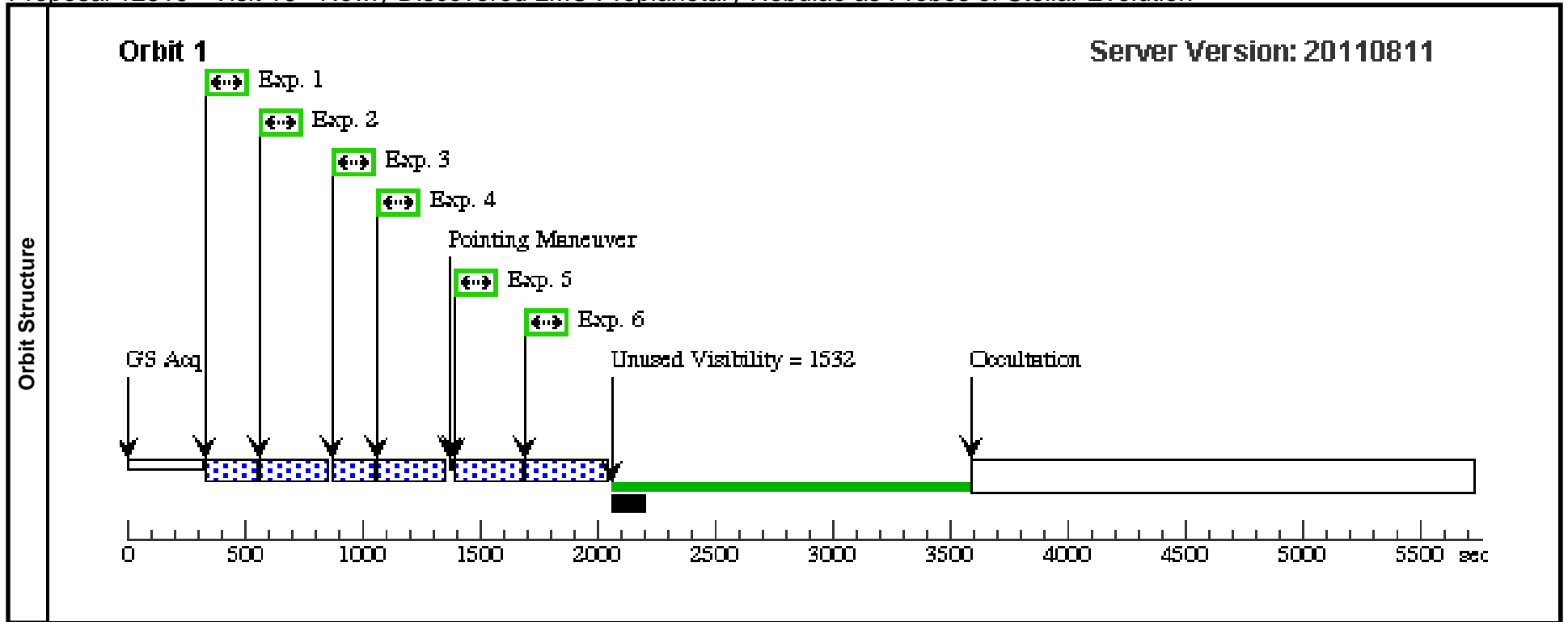


Proposal 12519 - Visit 16 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:42 GMT 2011

Fixed Targets	Fixed Targets					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	J051213.79-693537.1	RA: 05 12 13.7900 (78.0574583d) Dec: -69 35 37.10 (-69.59364d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX

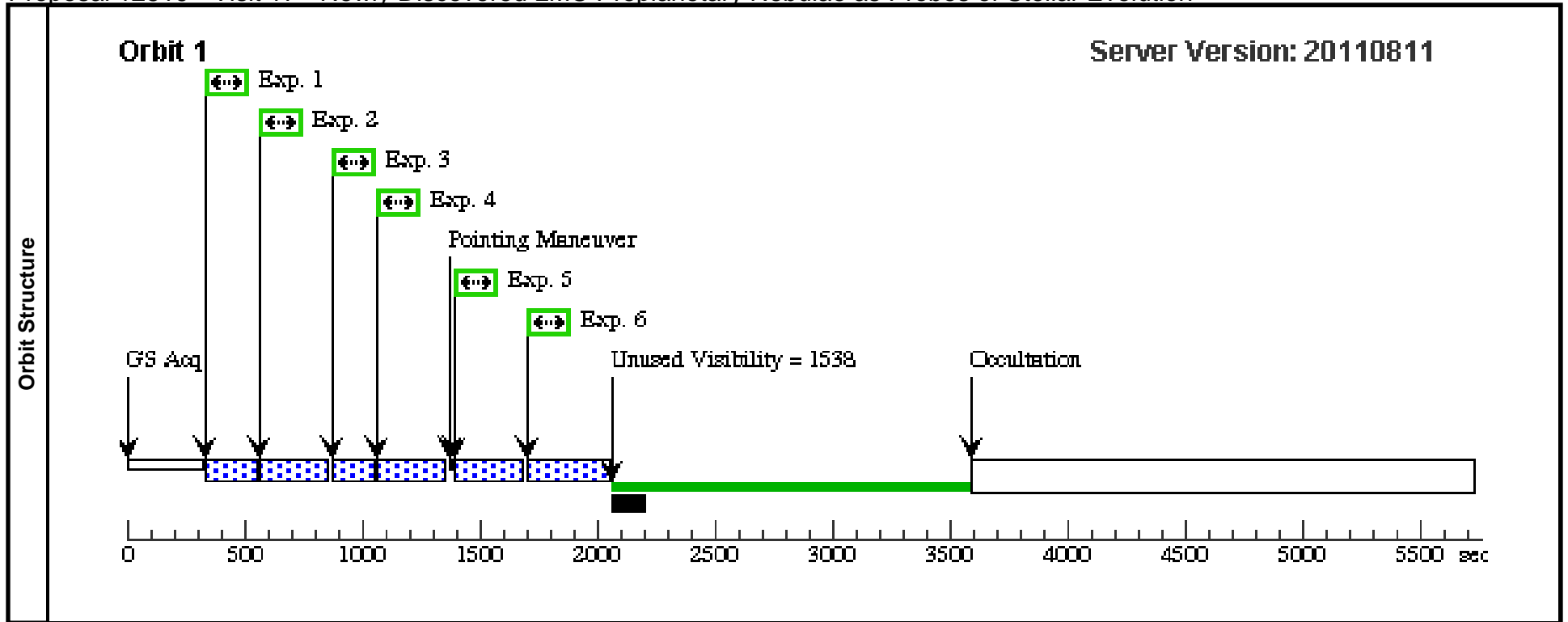
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(16) J051213.79-693537.1	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			10 Secs [==>]	[1]
	2		(16) J051213.79-693537.1	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(16) J051213.79-693537.1	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			20.0 Secs [==>]	[1]
	4		(16) J051213.79-693537.1	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(16) J051213.79-693537.1	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(16) J051213.79-693537.1	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 17 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:43 GMT 2011

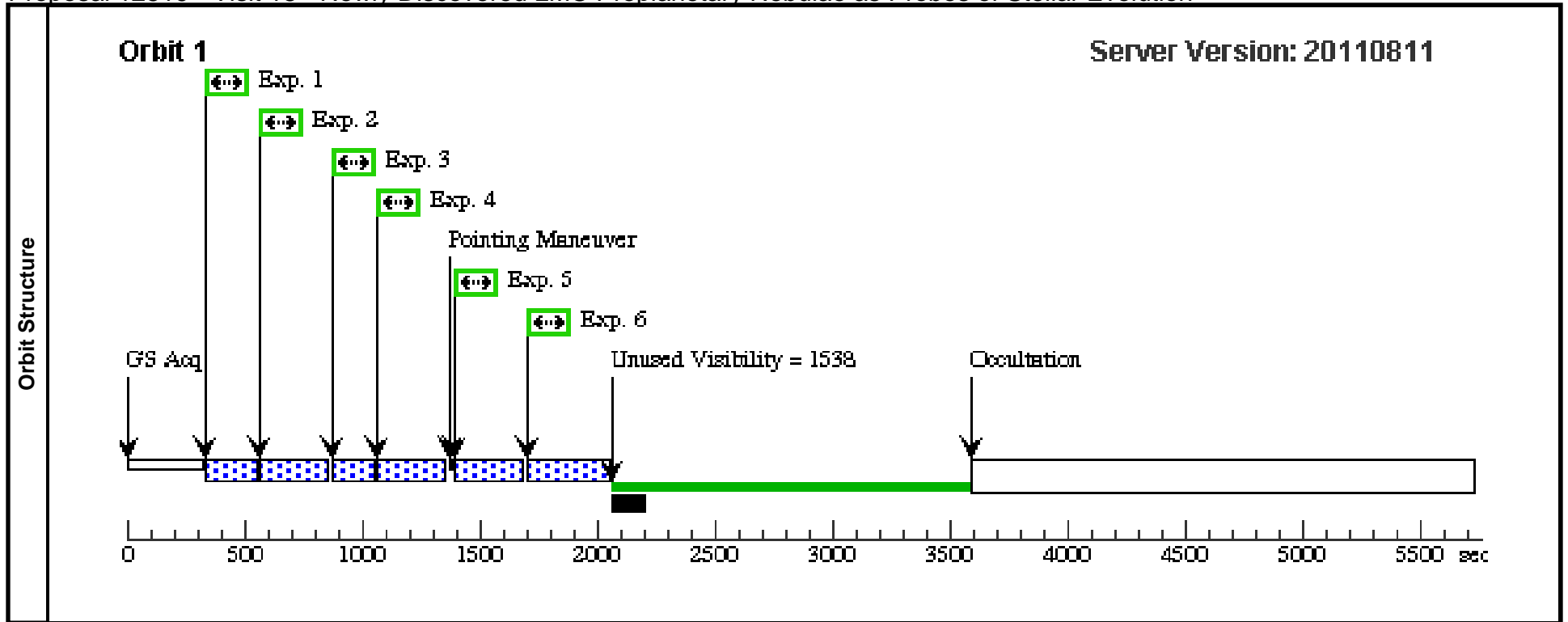
Visit	Proposal 12519, Visit 17 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(17)	J051228.18-690755.8	RA: 05 12 28.1800 (78.1174167d) Dec: -69 07 55.80 (-69.13217d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(17) J051228.18-690755.8	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			10.0 Secs [==>]	[1]
	2		(17) J051228.18-690755.8	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(17) J051228.18-690755.8	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	4		(17) J051228.18-690755.8	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(17) J051228.18-690755.8	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(17) J051228.18-690755.8	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 18 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:43 GMT 2011

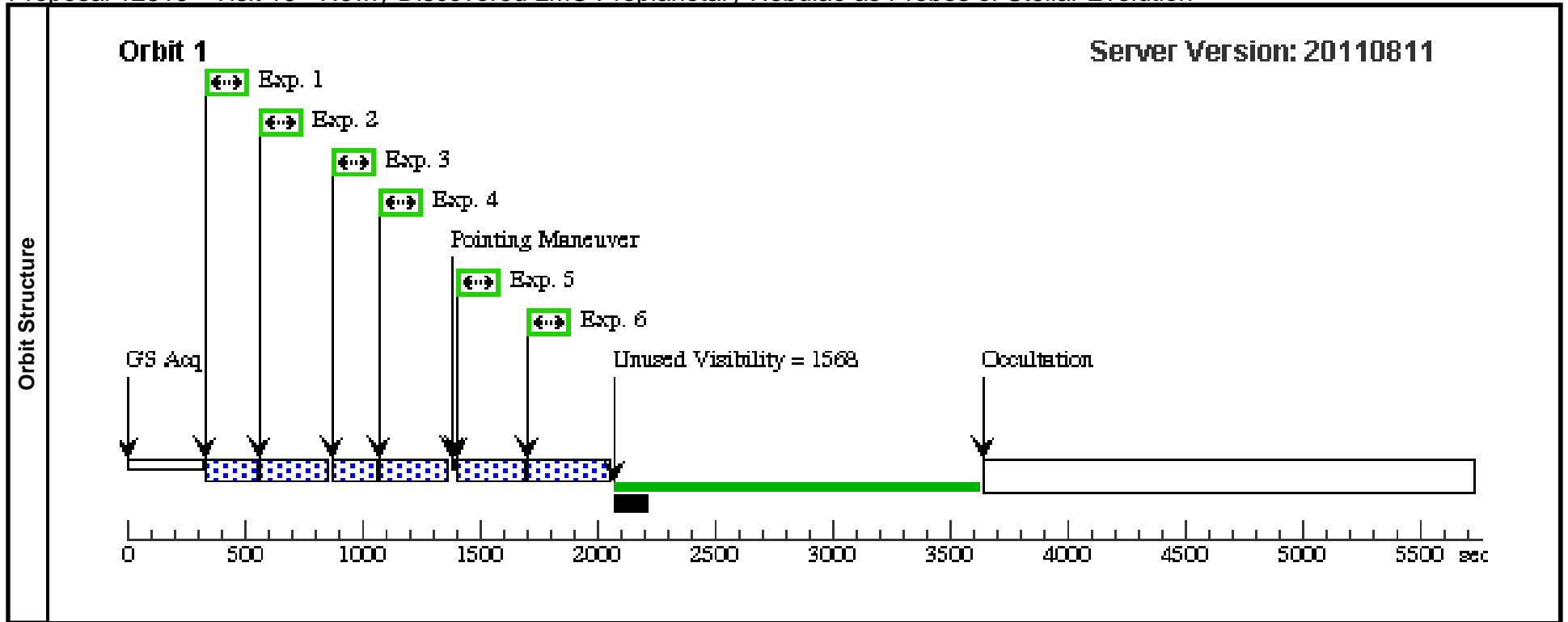
Visit	Proposal 12519, Visit 18 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(18)	J051828.18-680404.0	RA: 05 18 28.1800 (79.6174167d) Dec: -68 04 4.00 (-68.06778d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(18) J051828.18-680404.0	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	2		(18) J051828.18-680404.0	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(18) J051828.18-680404.0	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	4		(18) J051828.18-680404.0	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(18) J051828.18-680404.0	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(18) J051828.18-680404.0	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 19 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:43 GMT 2011

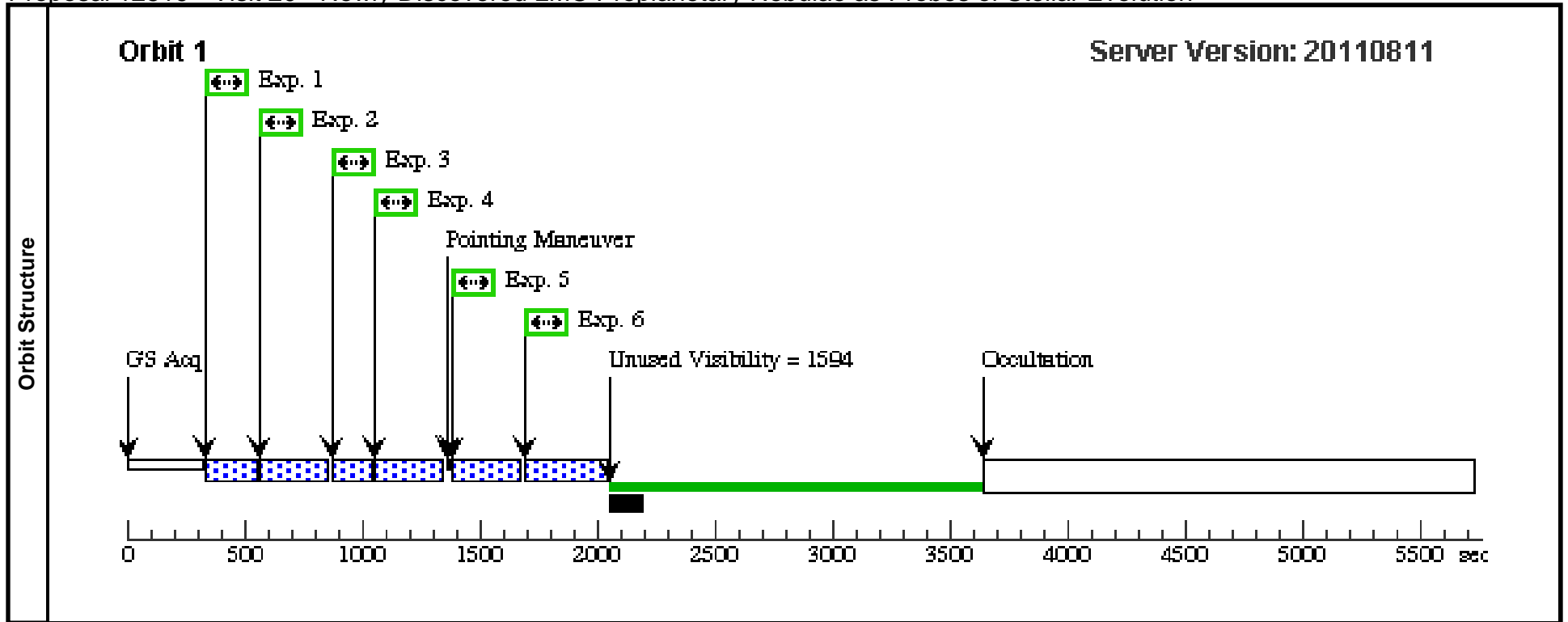
Fixed Targets	Visit									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(19)	J051848.84-700247.0	RA: 05 18 48.8400 (79.7035000d) Dec: -70 02 47.00 (-70.04639d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(19) J051848.84-700247.0	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			5.0 Secs [==>]	[1]
	2		(19) J051848.84-700247.0	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(19) J051848.84-700247.0	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	4		(19) J051848.84-700247.0	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(19) J051848.84-700247.0	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(19) J051848.84-700247.0	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 20 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:44 GMT 2011

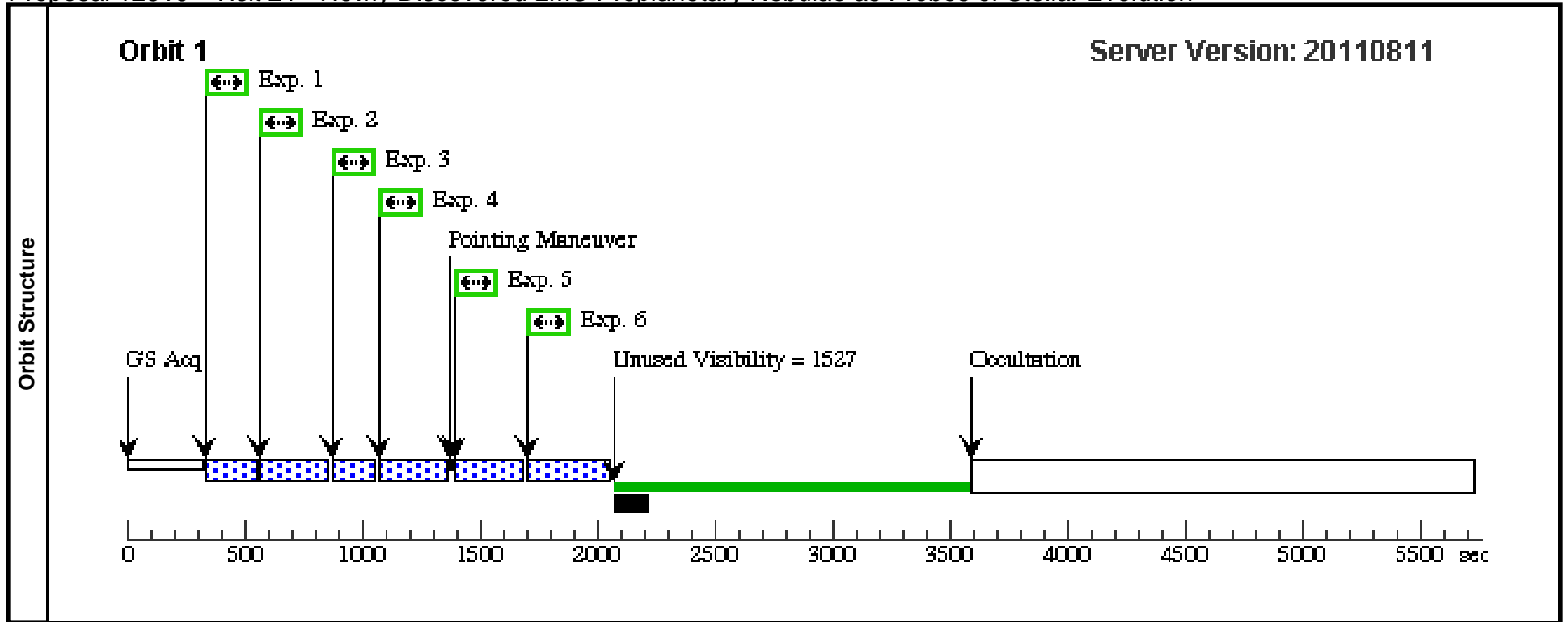
Visit	Proposal 12519, Visit 20 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(20)	J051845.23-700534.5	RA: 05 18 45.2300 (79.6884583d) Dec: -70 05 34.50 (-70.09292d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(20) J051845.23-700534.5	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			25.0 Secs [==>]	[1]
	2		(20) J051845.23-700534.5	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(20) J051845.23-700534.5	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			20.0 Secs [==>]	[1]
	4		(20) J051845.23-700534.5	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(20) J051845.23-700534.5	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(20) J051845.23-700534.5	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 21 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:44 GMT 2011

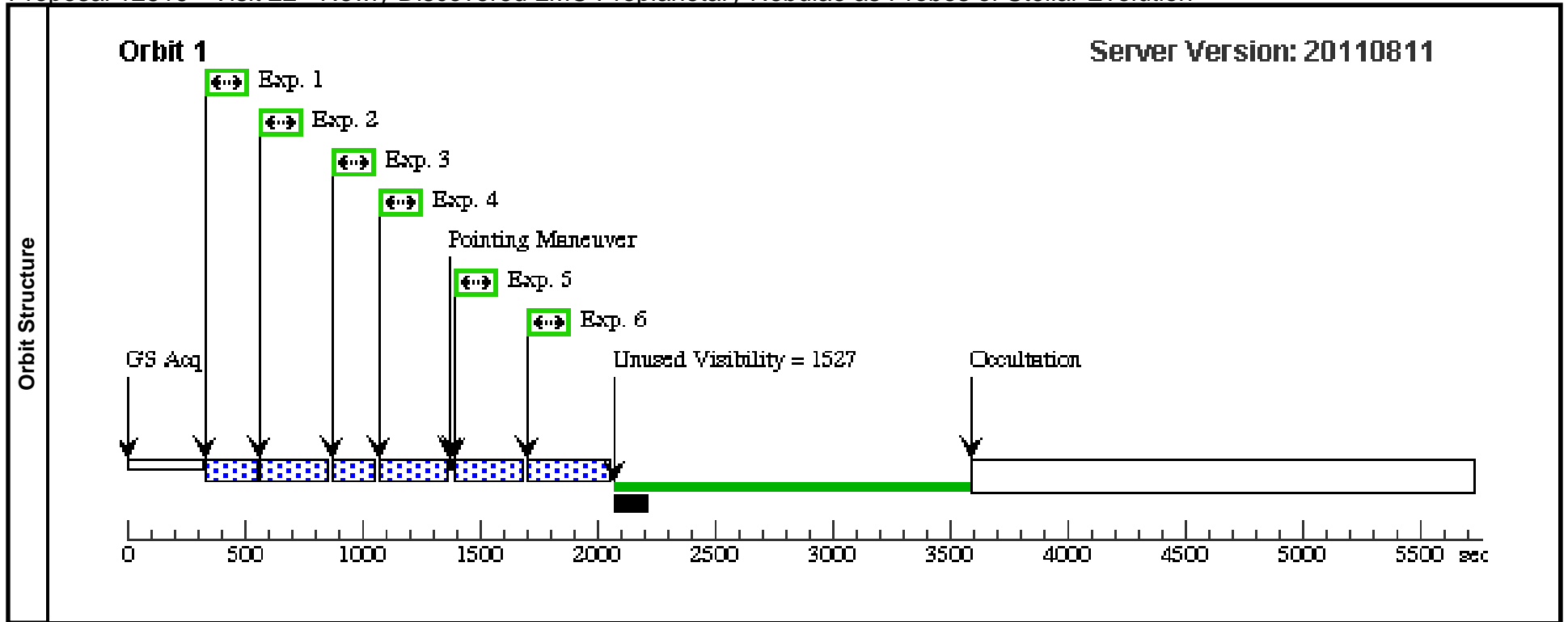
Visit	Proposal 12519, Visit 21 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(21)	J052000.01-693617.7	RA: 05 20 0.0100 (80.0000417d) Dec: -69 36 17.70 (-69.60492d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(21) J052000.01-693617.7	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			7.5 Secs [==>]	[1]
	2		(21) J052000.01-693617.7	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(21) J052000.01-693617.7	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			25.0 Secs [==>]	[1]
	4		(21) J052000.01-693617.7	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(21) J052000.01-693617.7	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(21) J052000.01-693617.7	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 22 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:44 GMT 2011

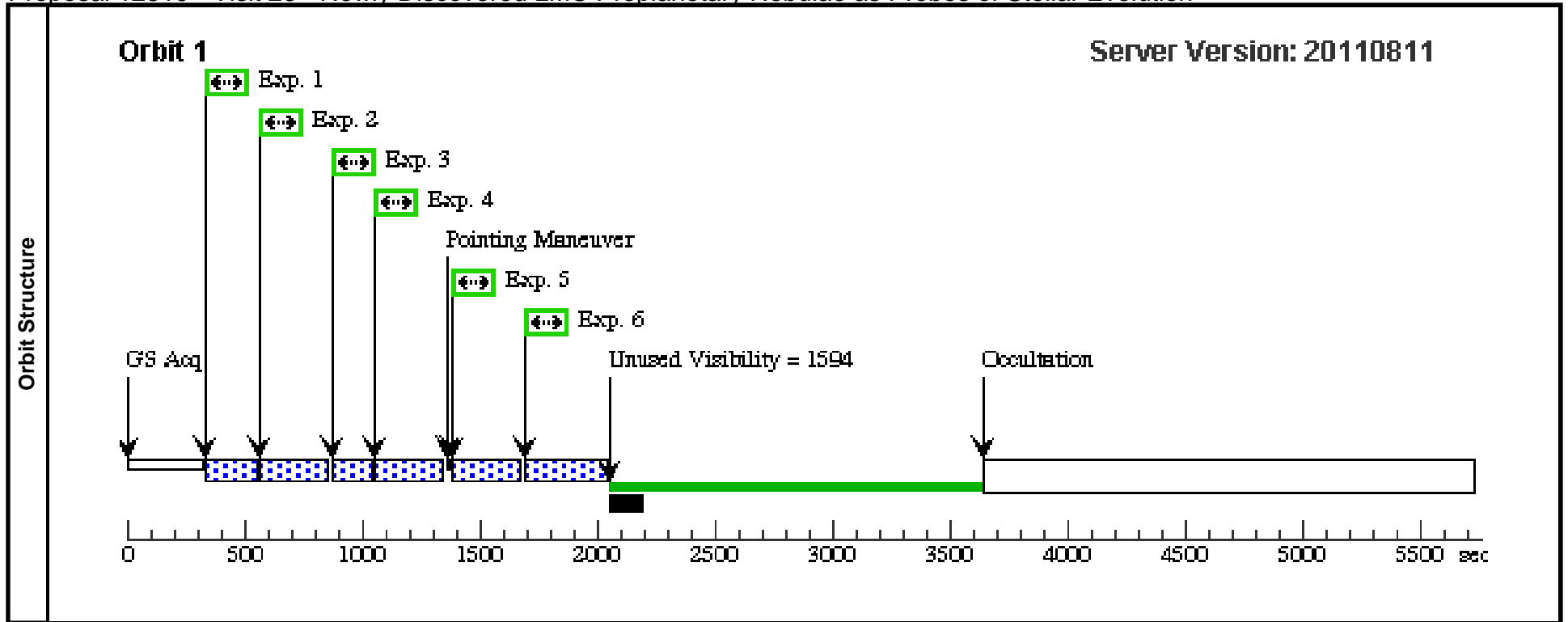
Visit	Proposal 12519, Visit 22 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(22)	J052043.86-692341.0	RA: 05 20 43.8600 (80.1827500d) Dec: -69 23 41.00 (-69.39472d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(22) J052043.86-692341.0	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			3.0 Secs [==>]	[1]
	2		(22) J052043.86-692341.0	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(22) J052043.86-692341.0	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			25.0 Secs [==>]	[1]
	4		(22) J052043.86-692341.0	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(22) J052043.86-692341.0	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(22) J052043.86-692341.0	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 23 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:45 GMT 2011

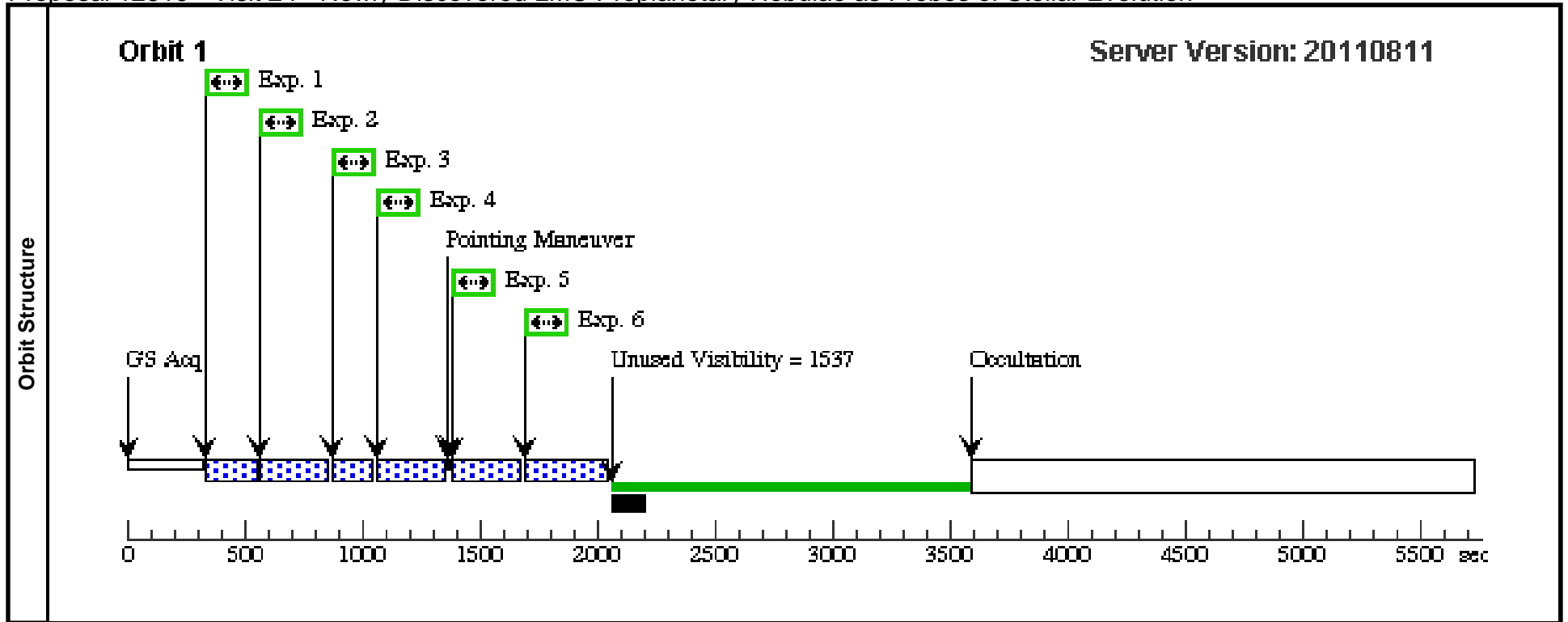
Fixed Targets	Visit									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(23)	J052245.11-713610.2	RA: 05 22 45.1100 (80.6879583d) Dec: -71 36 10.20 (-71.60283d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(23) J052245.11-713610.2	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			20.0 Secs [==>]	[1]
	2		(23) J052245.11-713610.2	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(23) J052245.11-713610.2	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			20.0 Secs [==>]	[1]
	4		(23) J052245.11-713610.2	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(23) J052245.11-713610.2	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(23) J052245.11-713610.2	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 24 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:45 GMT 2011

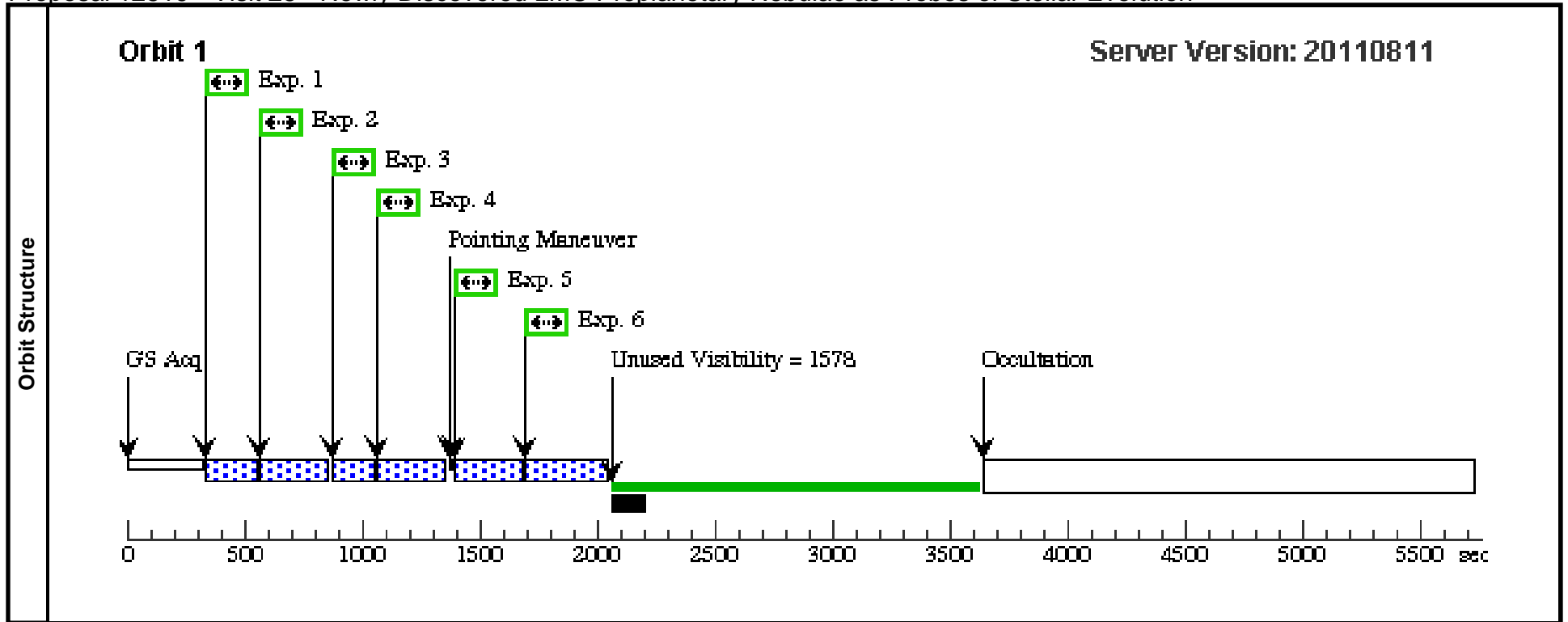
Fixed Targets	Visit									
	Proposal 12519, Visit 24 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
(24)	J052340.49-680528.2	RA: 05 23 40.4900 (80.9187083d) Dec: -68 05 28.20 (-68.09117d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(24) J052340.49-680528.2	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			7.5 Secs [==>]	[1]
	2		(24) J052340.49-680528.2	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(24) J052340.49-680528.2	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			15.0 Secs [==>]	[1]
	4		(24) J052340.49-680528.2	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(24) J052340.49-680528.2	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(24) J052340.49-680528.2	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 25 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:45 GMT 2011

Fixed Targets	Visit									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(25)	J052520.76-705007.5	RA: 05 25 20.7600 (81.3365000d) Dec: -70 50 7.50 (-70.83542d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(25) J052520.76-705007.5	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			3.0 Secs [==>]	[1]
	2		(25) J052520.76-705007.5	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(25) J052520.76-705007.5	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			20.0 Secs [==>]	[1]
	4		(25) J052520.76-705007.5	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(25) J052520.76-705007.5	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(25) J052520.76-705007.5	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]

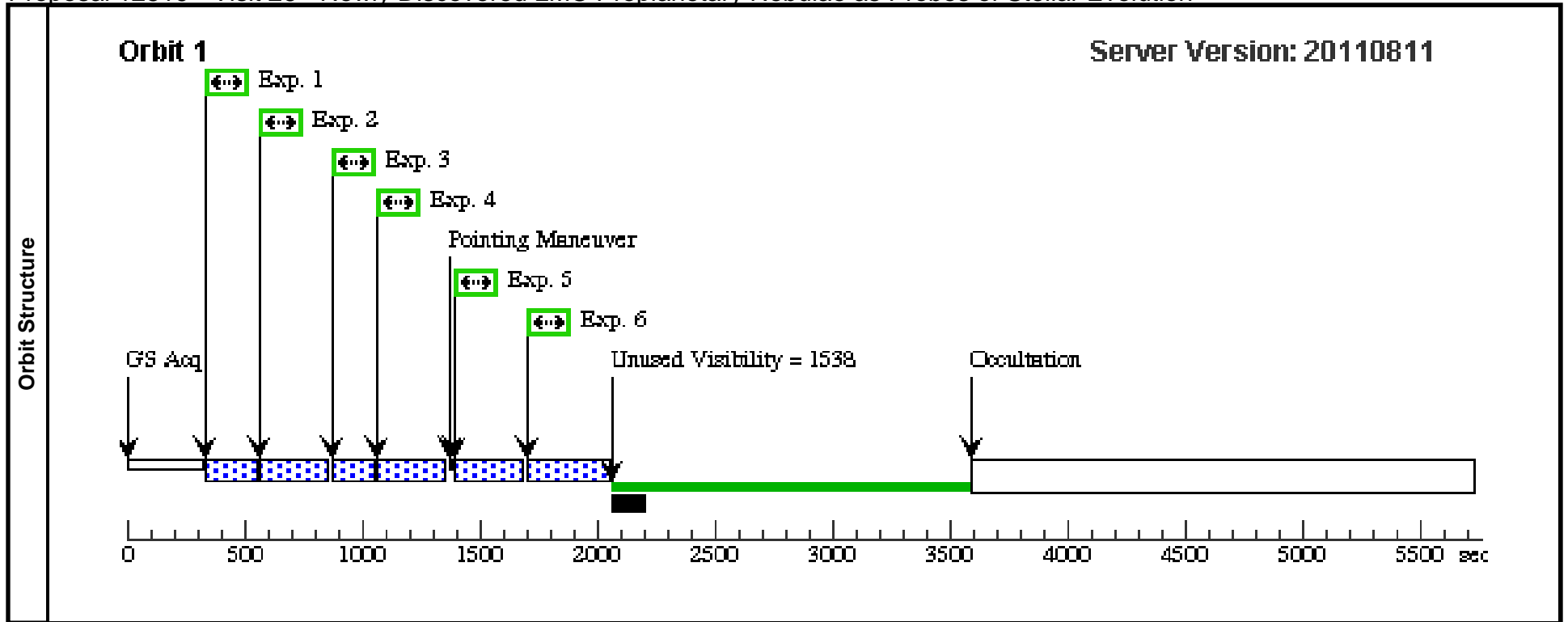


Proposal 12519 - Visit 26 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:46 GMT 2011

Fixed Targets	Fixed Targets					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(26)	J052629.62-674144.6	RA: 05 26 29.6200 (81.6234167d) Dec: -67 41 44.60 (-67.69572d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(26) J052629.62-674144.6	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	2		(26) J052629.62-674144.6	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(26) J052629.62-674144.6	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	4		(26) J052629.62-674144.6	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(26) J052629.62-674144.6	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(26) J052629.62-674144.6	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]

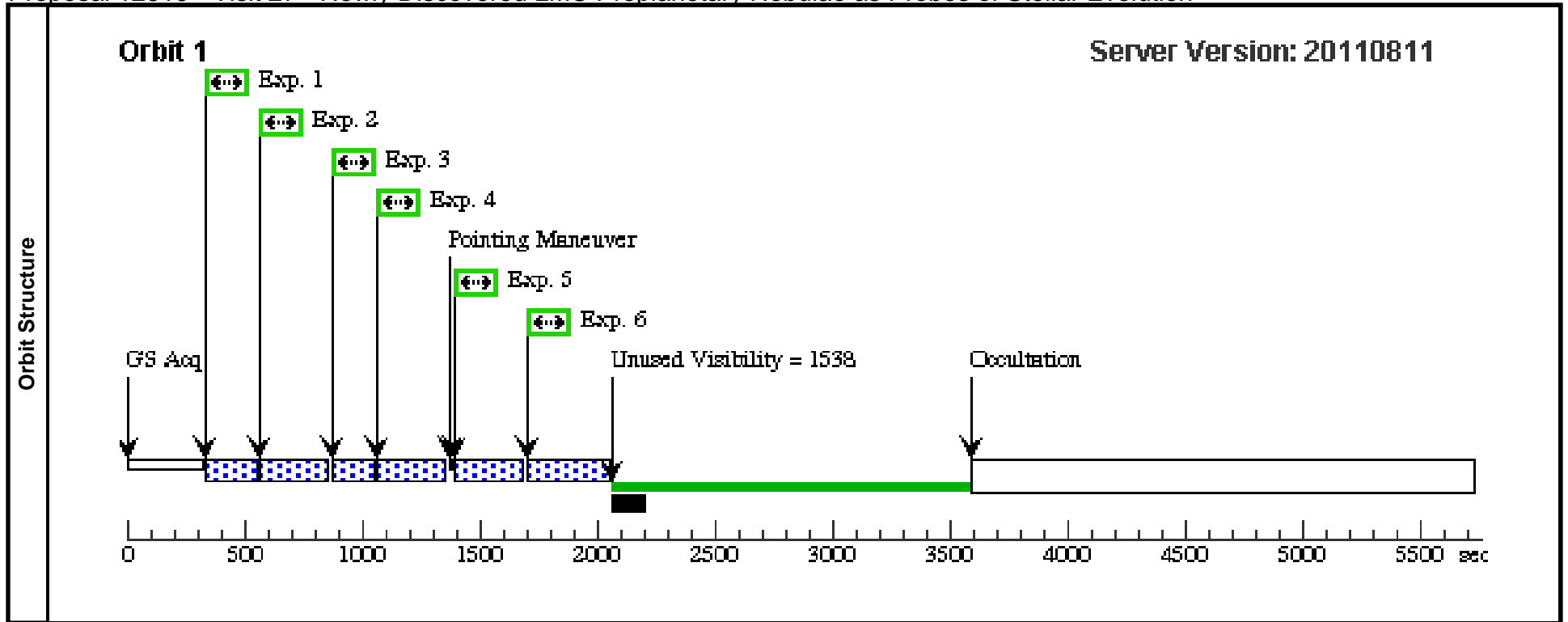


Proposal 12519 - Visit 27 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:46 GMT 2011

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(27)	J052804.80-685947.2	RA: 05 28 4.8000 (82.0200000d) Dec: -68 59 47.20 (-68.99644d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(27) J052804.80-685947.2	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	2		(27) J052804.80-685947.2	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(27) J052804.80-685947.2	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	4		(27) J052804.80-685947.2	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(27) J052804.80-685947.2	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(27) J052804.80-685947.2	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



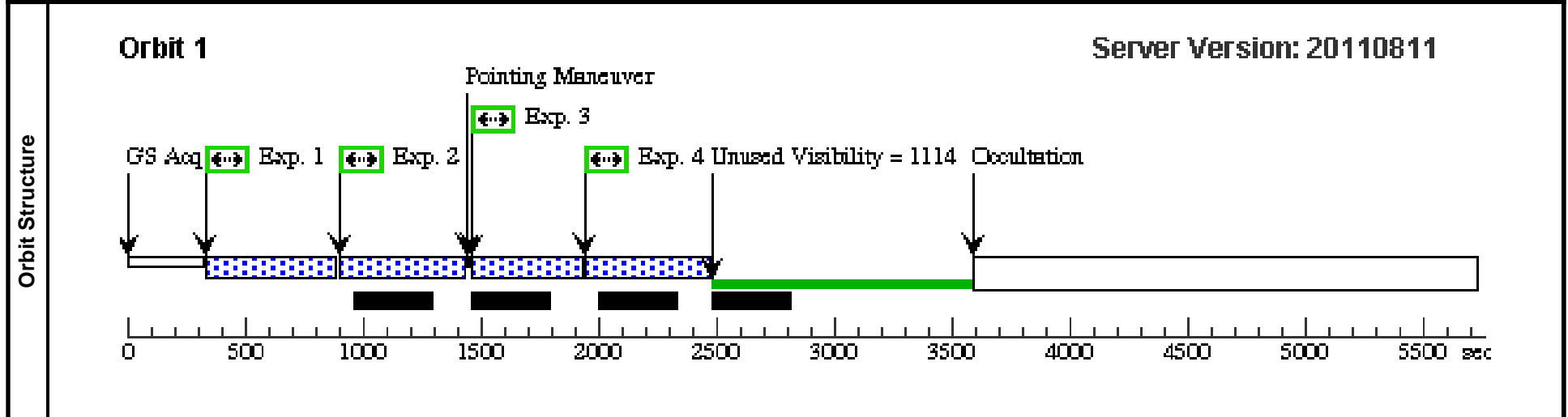
Proposal 12519 - Visit 28 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:46 GMT 2011

Visit	Proposal 12519, Visit 28				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(28)	J052902.39-661527.7	RA: 05 29 2.3900 (82.2599583d) Dec: -66 15 27.70 (-66.25769d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(28) J052902.39-661527.7	ACS/WFC, ACCUM, WFC1	F606W	CR-SPLIT=NO			347.0 Secs	
	2		(28) J052902.39-661527.7	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			347.0 Secs	[1]
	3		(28) J052902.39-661527.7	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		347.0 Secs	[1]
	4		(28) J052902.39-661527.7	ACS/WFC, ACCUM, WFC1	F606W	CR-SPLIT=NO	SAME POS AS 3		347.0 Secs	[1]

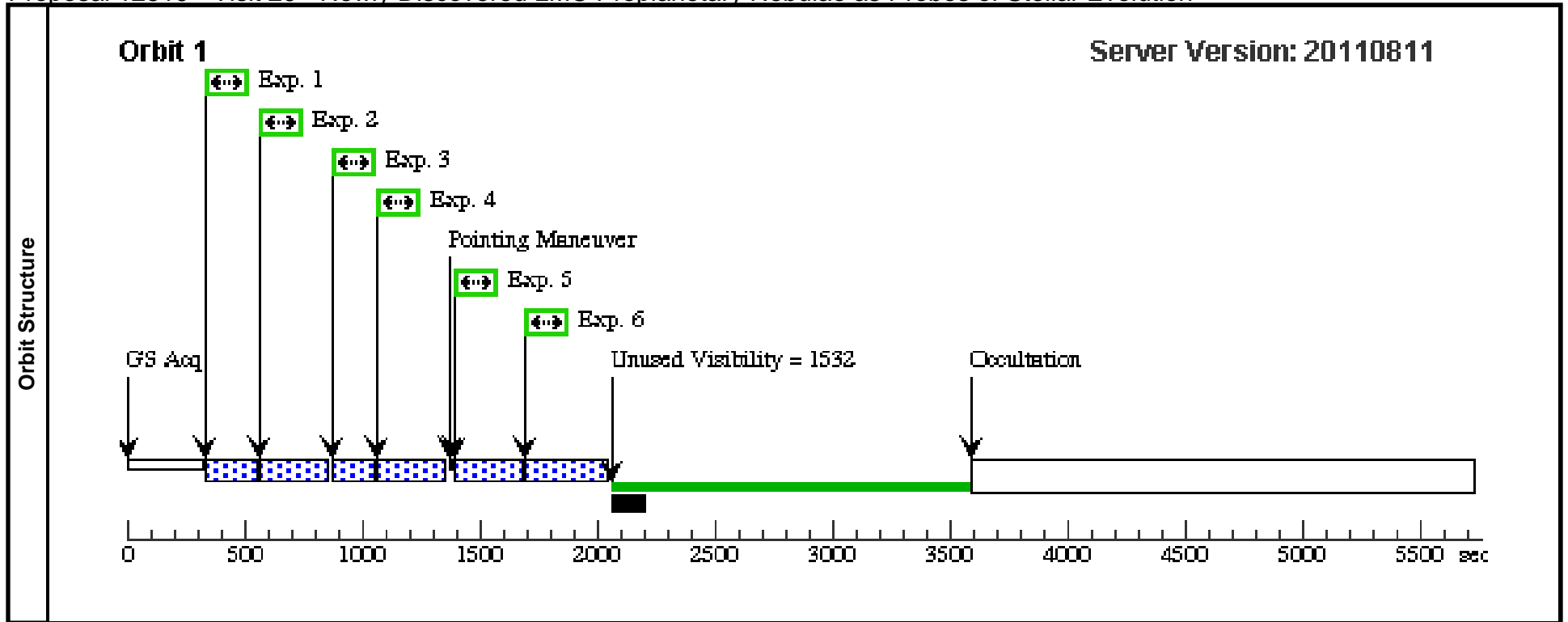


Proposal 12519 - Visit 29 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:46 GMT 2011

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(29)	J053431.48-683513.7	RA: 05 34 31.4800 (83.6311667d) Dec: -68 35 13.70 (-68.58714d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(29) J053431.48-683513.7	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			7.5 Secs [==>]	[1]
	2		(29) J053431.48-683513.7	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(29) J053431.48-683513.7	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			20.0 Secs [==>]	[1]
	4		(29) J053431.48-683513.7	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(29) J053431.48-683513.7	ACS/WFC, ACCUM, WFC1-1K	F435W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(29) J053431.48-683513.7	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]



Proposal 12519 - Visit 30 - Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution

Thu Aug 25 01:12:47 GMT 2011

Fixed Targets	Visit									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(30)	J054855.15-700510.7	RA: 05 48 55.1500 (87.2297917d) Dec: -70 05 10.70 (-70.08631d) Equinox: J2000	Proper Motion RA: 0 sec of time/yr Proper Motion Dec: 0 arcsec/yr Parallax: 0"	V=15.7+/-0.3	Reference Frame: MSX				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(30) J054855.15-700510.7	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			25.0 Secs [==>]	[1]
	2		(30) J054855.15-700510.7	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO			200 Secs [==>]	[1]
	3		(30) J054855.15-700510.7	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			30.0 Secs [==>]	[1]
	4		(30) J054855.15-700510.7	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO			200 Secs [==>]	[1]
	5		(30) J054855.15-700510.7	ACS/WFC, ACCUM, WFC1-1K	F814W	CR-SPLIT=NO	POS TARG 0.124,0.084		200 Secs [==>]	[1]
	6		(30) J054855.15-700510.7	ACS/WFC, ACCUM, WFC1-1K	F606W	CR-SPLIT=NO	SAME POS AS 5		200 Secs [==>]	[1]

