



11697 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Cycle: 17, Proposal Category: GO

(Large Program)

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) UMAI-Q103353+515640	WFC3/UVIS	3	01-Oct-2009 21:01:49.0	yes
02	(2) UMAI-Q103456+515412	WFC3/UVIS	3	01-Oct-2009 21:01:59.0	yes
03	(3) LEOII-Q111335+221301	WFC3/UVIS	3	01-Oct-2009 21:02:10.0	yes
04	(4) LEOII-Q111340+221242	WFC3/UVIS	3	01-Oct-2009 21:02:18.0	yes
05	(5) LEOIV-Q113249-003237	WFC3/UVIS	3	01-Oct-2009 21:02:26.0	yes
06	(6) LEOIV-Q113251-003500	WFC3/UVIS	3	01-Oct-2009 21:02:37.0	yes
07	(7) LEOIV-Q113253-002724	WFC3/UVIS	3	01-Oct-2009 21:02:44.0	yes
08	(8) COM-Q122653+235458	WFC3/UVIS	3	01-Oct-2009 21:02:53.0	yes

<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>
09	(9) COM-Q122659+234954	WFC3/UVIS	3	01-Oct-2009 21:03:05.0	yes
10	(10) CVNII-Q125704+341920	WFC3/UVIS	3	01-Oct-2009 21:03:15.0	yes
11	(11) CVNI-Q132744+333339	WFC3/UVIS	4	01-Oct-2009 21:03:23.0	yes
12	(12) CVNI-Q132753+334000	WFC3/UVIS	3	01-Oct-2009 21:03:33.0	yes
13	(13) CVNI-Q132821+333809	WFC3/UVIS	3	01-Oct-2009 21:03:42.0	yes
14	(14) CVNI-Q132830+333553	WFC3/UVIS	3	01-Oct-2009 21:03:54.0	yes
15	(15) BOOI-Q135959+143633	WFC3/UVIS	3	01-Oct-2009 21:04:02.0	yes
16	(16) BOOI-Q140032+142327	WFC3/UVIS	3	01-Oct-2009 21:04:11.0	yes

49 Total Orbits Used

ABSTRACT

Using the superior resolution of HST, we propose to continue our proper motion survey of Galactic dwarf galaxies. The target galaxies include one classical dwarf, Leo II, and six that were recently identified in the Sloan Digital Sky Survey data: Bootes I, Canes Venatici I, Canes Venatici II, Coma Berenices, Leo IV, and Ursa Major II. We will observe a total of 16 fields, each centered on a spectroscopically-confirmed QSO. Using QSOs as standards of rest in measuring absolute proper motions has proven to be the most accurate and most efficient method. HST is our only option to quickly determine the space motions of the SDSS dwarfs because suitable ground-based imaging is only a few years old and such data need several decades to produce a proper motion. The two most distant galaxies in our sample will require time

baselines of four years to achieve our goal of a 30-50 km/s uncertainty in the tangential velocity; given this and the finite lifetime of HST, it is imperative that first-epoch observations be taken in this cycle. The SDSS dwarfs have dramatically lower surface brightnesses and luminosities than the classical dwarfs. Proper motions are crucial for determining orbits of the galaxies and knowing the orbits will allow us to test theories for the formation and evolution of these galaxies and, more generally, for the formation of the Local Group.

OBSERVING DESCRIPTION

A series of papers by Piatek et al. (2002, 2003, 2005 -- 2008) describes our method for deriving proper motions for dwarf galaxies using WFPC2, STIS, and ACS/HRC imaging. A known QSO in the target field provides the reference point for measuring the motion of the stars in the galaxy. The QSO and stars in the field are used to construct an effective point-spread function (e.g., Anderson & King 2000). Fitting this PSF to star-like images yields positions. Dithered exposures at each epoch both refine the PSF and provide independent position measurements which are averaged to reduce the final uncertainty. We prefer to minimize the effects of distortions in the cameras by maintaining the same orientation at each epoch, though we have successfully reduced data where this is not the case.

Our proposed exposure times will achieve $S/N = 15--20$ at $V=25.5$ according to the ETC and confirmed by our Draco ACS/WFC data

(GO 10812). The data for the Draco J1720+5755 field, which is close to the center and for which we have two epochs, gives a measured surface density of stars to $V=25.5$. Proper motions indicate that almost all are members. We have used this measured surface density to predict the central surface density to $V=25.5$ for our target galaxies, taking their different distances and central surface brightnesses into account. To determine the surface density at the locations of our target fields, we use density profiles from the literature.

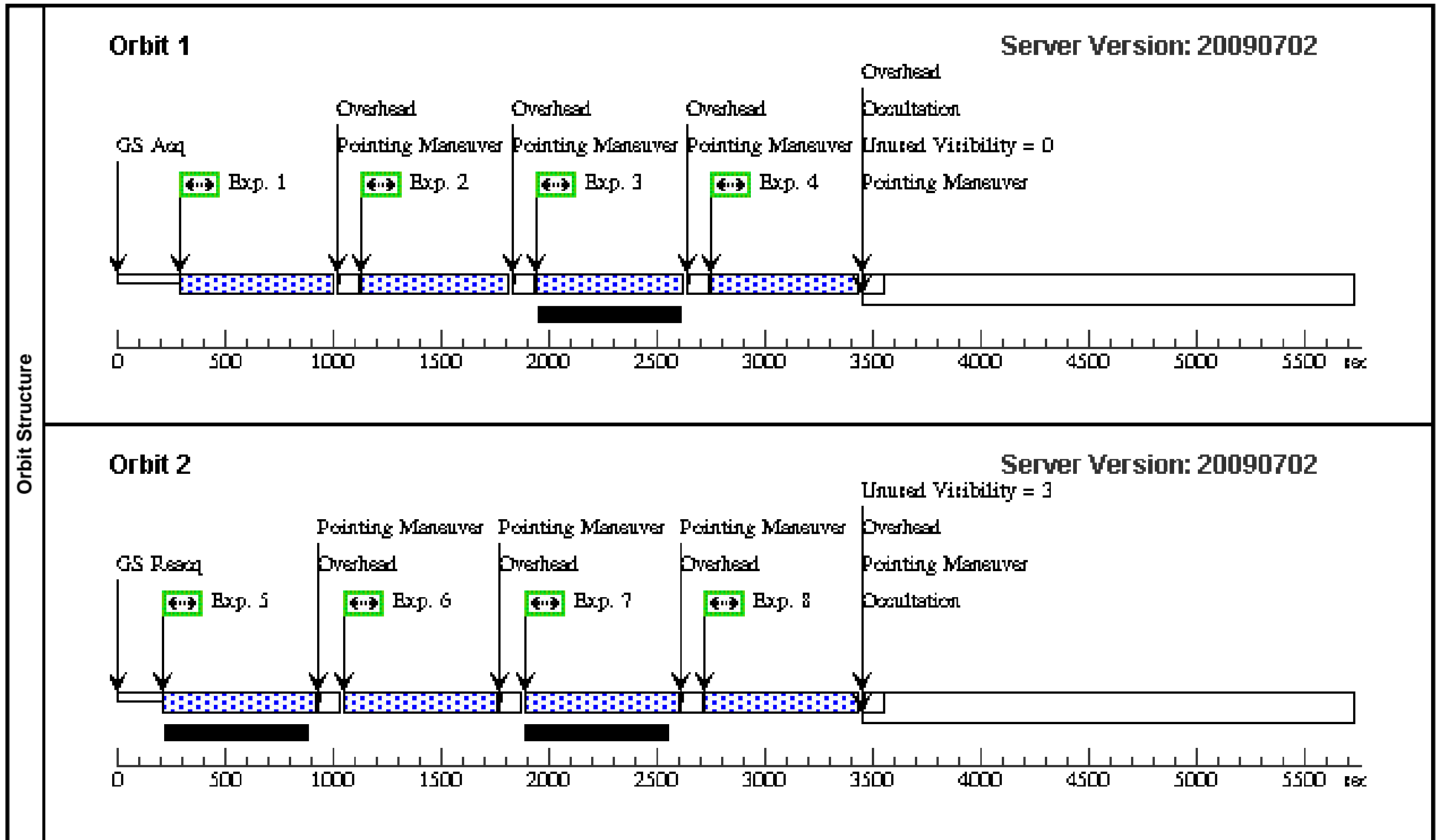
We propose to observe with the WFC3 rather than ACS/WFC because it has smaller pixels, yields a higher S/N for a given exposure time when used with the F350LP filter, has a less degraded CCD, and has the possibility of mitigating CTE degradation with charge injection. We concluded that these advantages outweighed the 1.6X larger field of view of ACS/WFC. Our exposure times are generally determined by the requirement that the QSO be half-way to saturation. We choose the 50% limit for the QSOs in order to provide some buffer for photometric variability --- with this limit we have never saturated a QSO.

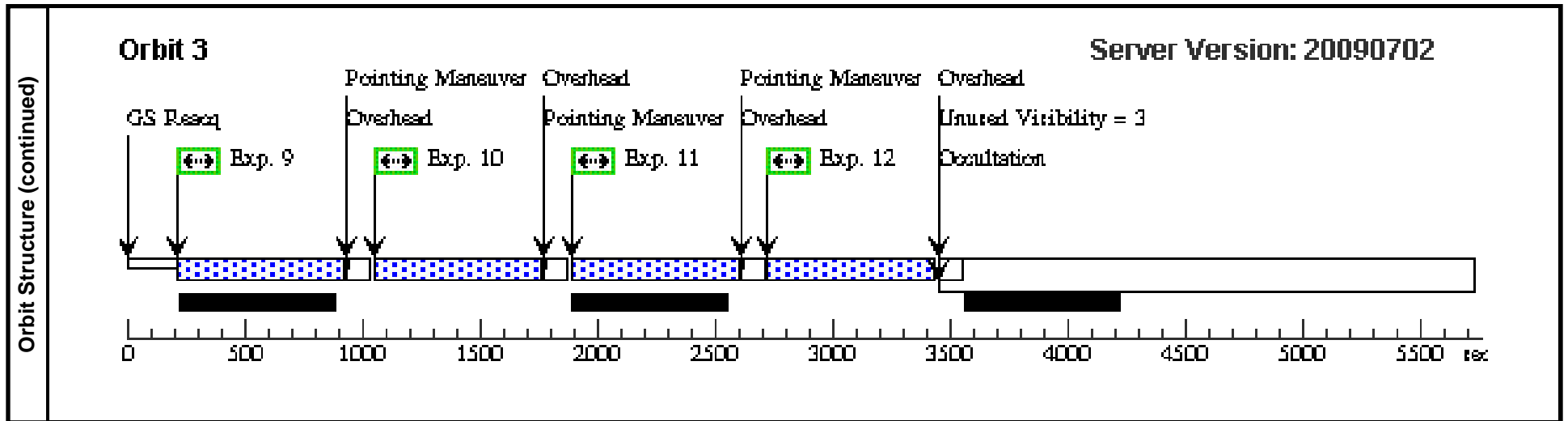
Our experience shows that we should have at least 12 images per epoch to achieve the required accuracies for the proper motions. For the exposure times needed to reach $V=25.5$ with $S/N=15$, this requires 3 orbits per field at each epoch. Thus, our program will require 49 orbits in cycle 17, 12 orbits in cycle 18, and 49 orbits in cycle 19. The total is 110 orbits spread over the three cycles.

Proposal 11697 - Visit 01 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Fri Oct 02 01:04:20 GMT 2009

Visit	Proposal 11697, Visit 01, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BEFORE 01-JAN-2010:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	UMAI-Q103353+515640	RA: 10 33 53.7800 (158.4740833d) Dec: +51 56 40.00 (51.94444d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=21.05	Reference Frame: ICRS				
	<i>Comments: The target is a QSO behind the dwarf spheroidal galaxy Ursa Majoris I.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) UMAI-Q103353+515640	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3740,-0.4002		550 Secs [=>682.0 Secs]	[1]
	2		(1) UMAI-Q103353+515640	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2952,-0.3357		550 Secs [=>682.0 Secs]	[1]
	3		(1) UMAI-Q103353+515640	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2263,-0.2422		550 Secs [=>682.0 Secs]	[1]
	4		(1) UMAI-Q103353+515640	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1279,-0.1566		550 Secs [=>682.0 Secs]	[1]
	5		(1) UMAI-Q103353+515640	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0787,-0.0645		550 Secs [=>709.0 Secs]	[2]
	6		(1) UMAI-Q103353+515640	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO			550 Secs [=>709.0 Secs]	[2]
	7		(1) UMAI-Q103353+515640	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0886,0.1145		550 Secs [=>709.0 Secs]	[2]
	8		(1) UMAI-Q103353+515640	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1870,0.2001		550 Secs [=>709.0 Secs]	[2]
	9		(1) UMAI-Q103353+515640	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2362,0.2527		550 Secs [=>709.0 Secs]	[3]
	10		(1) UMAI-Q103353+515640	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3346,0.3383		550 Secs [=>709.0 Secs]	[3]
	11		(1) UMAI-Q103353+515640	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0.4410		550 Secs [=>709.0 Secs]	[3]
	12		(1) UMAI-Q103353+515640	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0.5265		550 Secs [=>709.0 Secs]	[3]

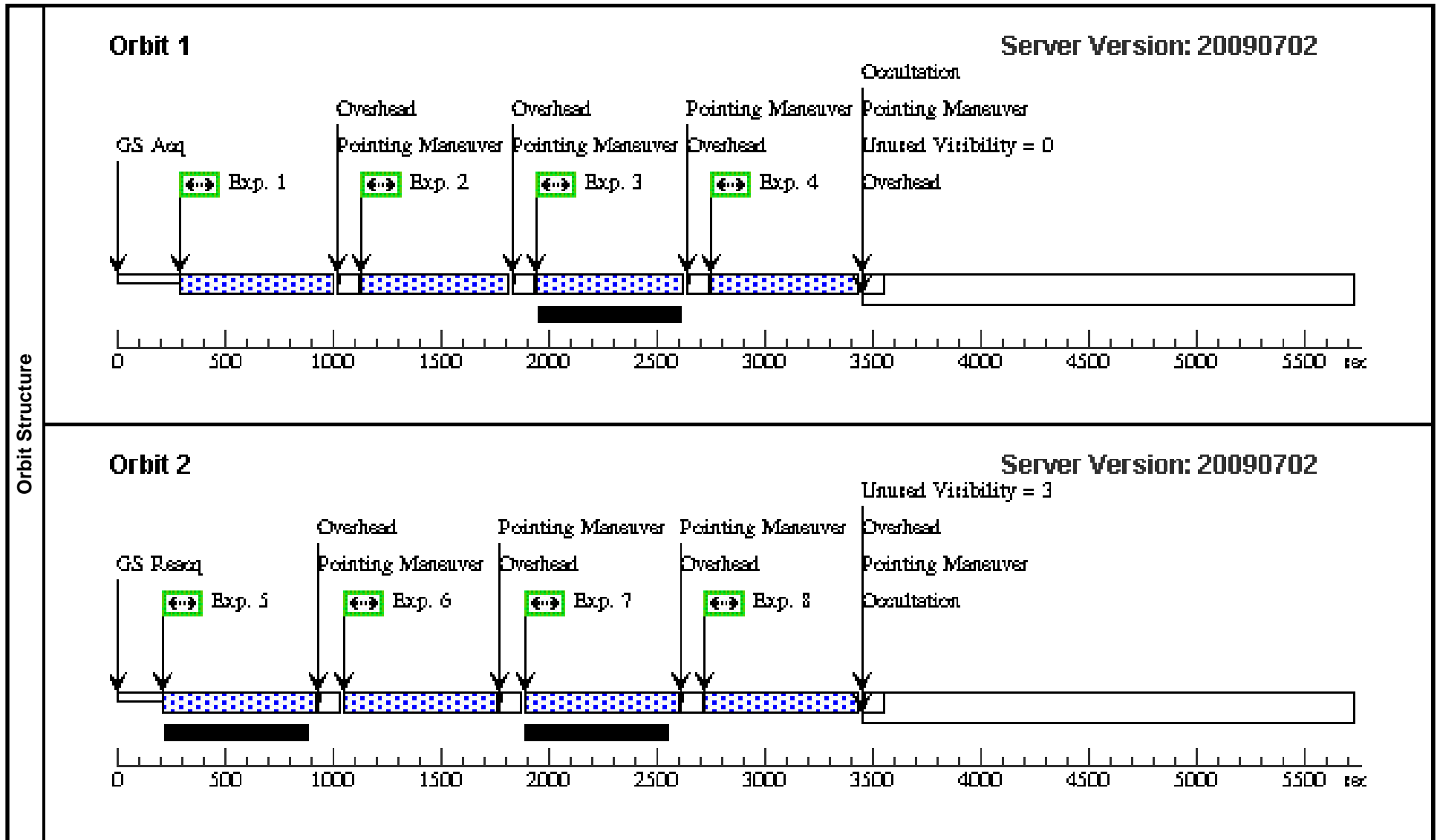


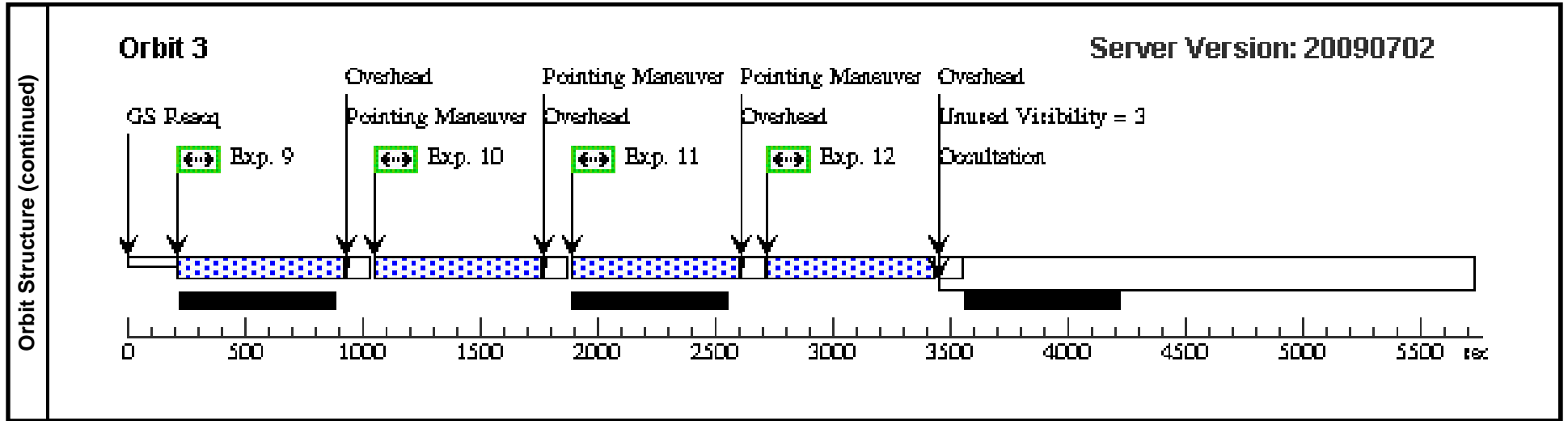


Proposal 11697 - Visit 02 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Fri Oct 02 01:04:21 GMT 2009

Visit	Proposal 11697, Visit 02, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	UMAI-Q103456+515412	RA: 10 34 56.4900 (158.7353750d) Dec: +51 54 12.90 (51.90358d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=20.84	Reference Frame: ICRS				
	<i>Comments: The coordinates are for a QSO behind the dwarf spheroidal galaxy Ursa Majoris I.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) UMAI-Q103456+515412	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3740, -0.4002		550 Secs [=>682.0 Secs]	[1]
	2		(2) UMAI-Q103456+515412	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2952, -0.3357		550 Secs [=>682.0 Secs]	[1]
	3		(2) UMAI-Q103456+515412	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2263, -0.2422		550 Secs [=>682.0 Secs]	[1]
	4		(2) UMAI-Q103456+515412	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1279, -0.1566		550 Secs [=>682.0 Secs]	[1]
	5		(2) UMAI-Q103456+515412	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0787, -0.0645		550 Secs [=>709.0 Secs]	[2]
	6		(2) UMAI-Q103456+515412	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO			550 Secs [=>709.0 Secs]	[2]
	7		(2) UMAI-Q103456+515412	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0886,0.1145		550 Secs [=>709.0 Secs]	[2]
	8		(2) UMAI-Q103456+515412	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1870,0.2001		550 Secs [=>709.0 Secs]	[2]
	9		(2) UMAI-Q103456+515412	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2362,0.2527		550 Secs [=>709.0 Secs]	[3]
	10		(2) UMAI-Q103456+515412	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3346,0.3383		550 Secs [=>709.0 Secs]	[3]
	11		(2) UMAI-Q103456+515412	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0.4410		550 Secs [=>709.0 Secs]	[3]
	12		(2) UMAI-Q103456+515412	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0.5265		550 Secs [=>709.0 Secs]	[3]

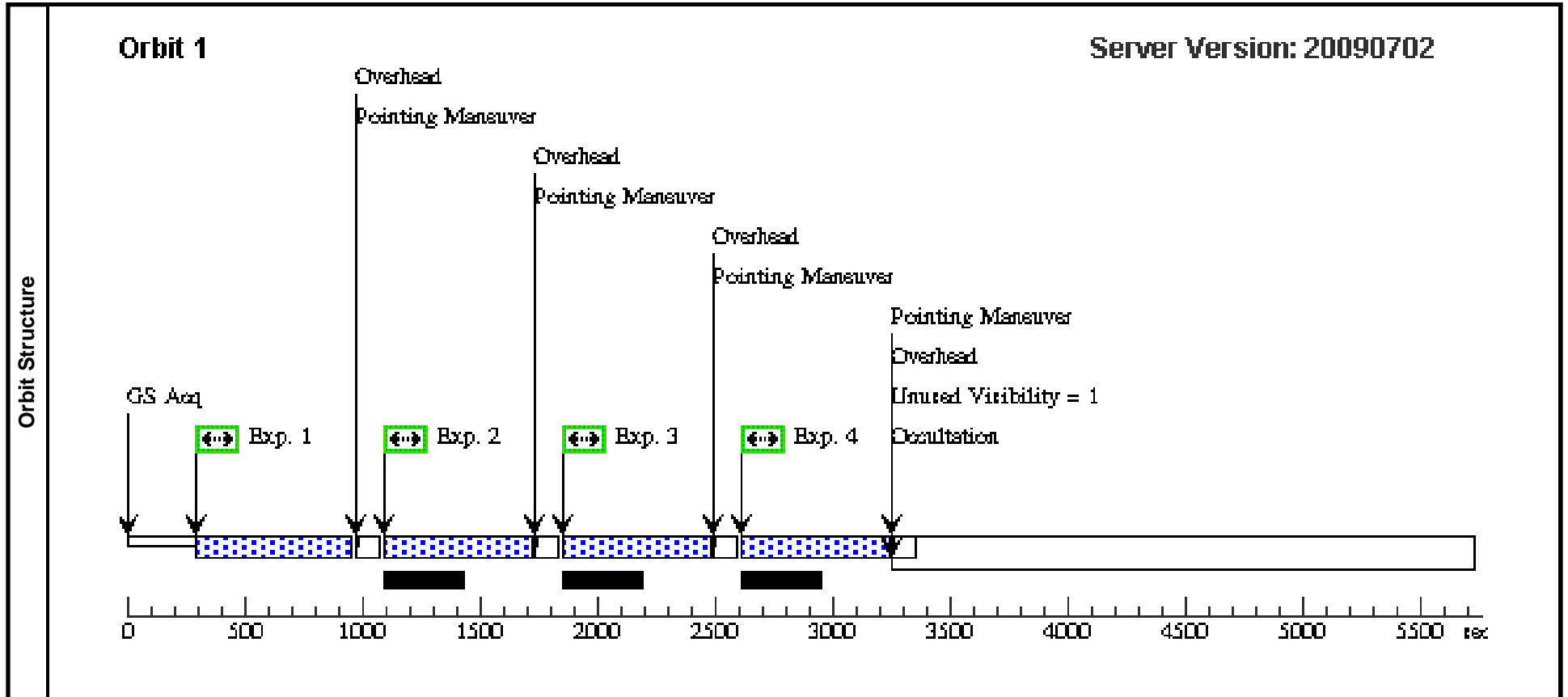


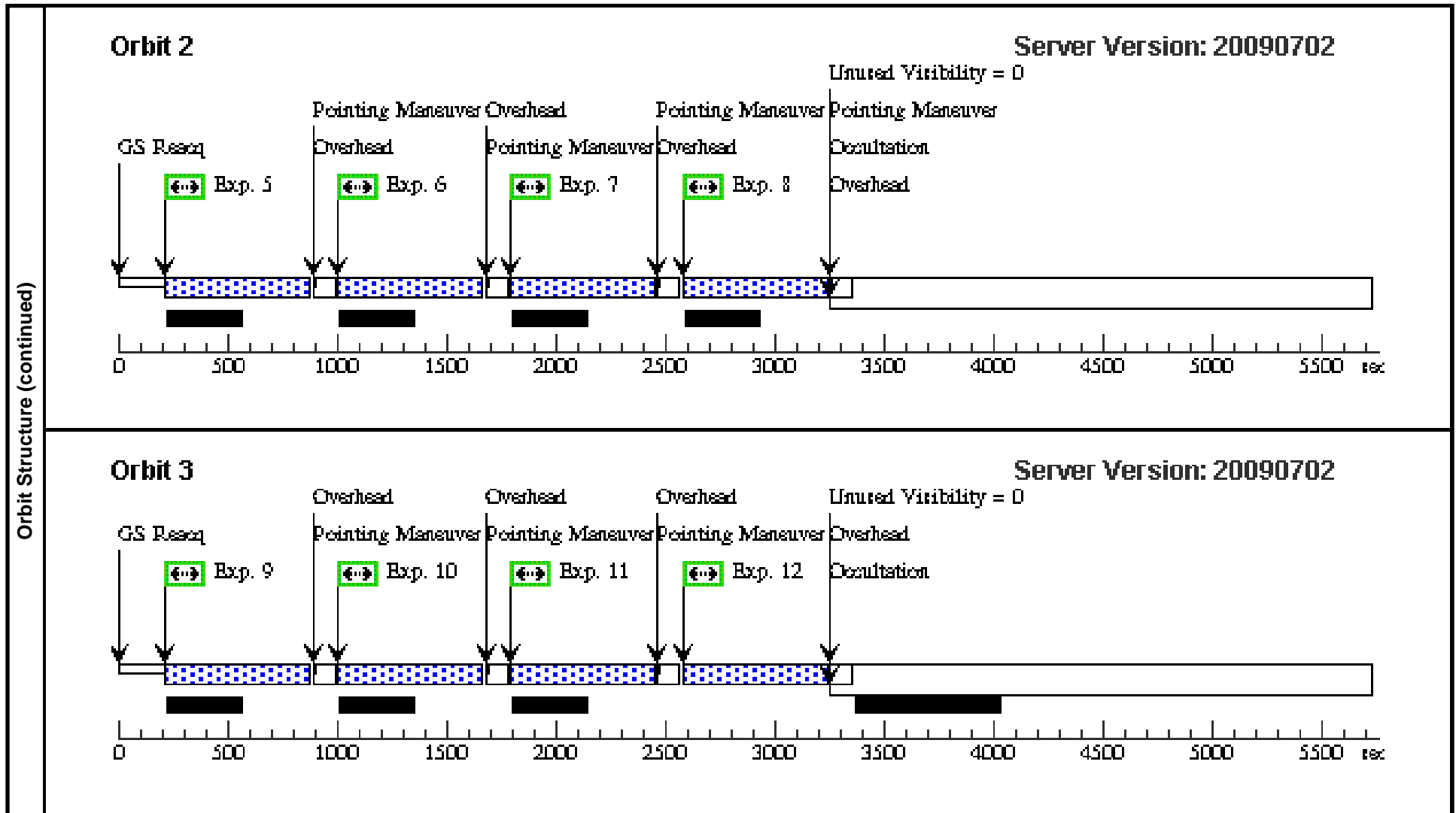


Proposal 11697 - Visit 03 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Fri Oct 02 01:04:22 GMT 2009

Visit	Proposal 11697, Visit 03, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	LEOII-Q111335+221301	RA: 11 13 35.1200 (168.3963333d) Dec: +22 13 1.50 (22.21708d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=20.64	Reference Frame: ICRS				
	<i>Comments: The coordinates are for a QSO behind the dwarf spheroidal galaxy Leo II.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) LEOII-Q111335+221301	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3740, -0.4002		550 Secs [=>633.0 Secs]	[1]
	2		(3) LEOII-Q111335+221301	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2952, -0.3357		550 Secs [=>633.0 Secs]	[1]
	3		(3) LEOII-Q111335+221301	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2263, -0.2422		550 Secs [=>633.0 Secs]	[1]
	4		(3) LEOII-Q111335+221301	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1279, -0.1566		550 Secs [=>633.0 Secs]	[1]
	5		(3) LEOII-Q111335+221301	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0787, -0.0645		550 Secs [=>661.0 Secs]	[2]
	6		(3) LEOII-Q111335+221301	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO			550 Secs [=>661.0 Secs]	[2]
	7		(3) LEOII-Q111335+221301	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0886,0 .1145		550 Secs [=>661.0 Secs]	[2]
	8		(3) LEOII-Q111335+221301	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1870,0 .2001		550 Secs [=>661.0 Secs]	[2]
	9		(3) LEOII-Q111335+221301	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2362,0 .2527		550 Secs [=>661.0 Secs]	[3]
	10		(3) LEOII-Q111335+221301	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3346,0 .3383		550 Secs [=>661.0 Secs]	[3]
	11		(3) LEOII-Q111335+221301	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0 .4410		550 Secs [=>661.0 Secs]	[3]
	12		(3) LEOII-Q111335+221301	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0 .5265		550 Secs [=>661.0 Secs]	[3]

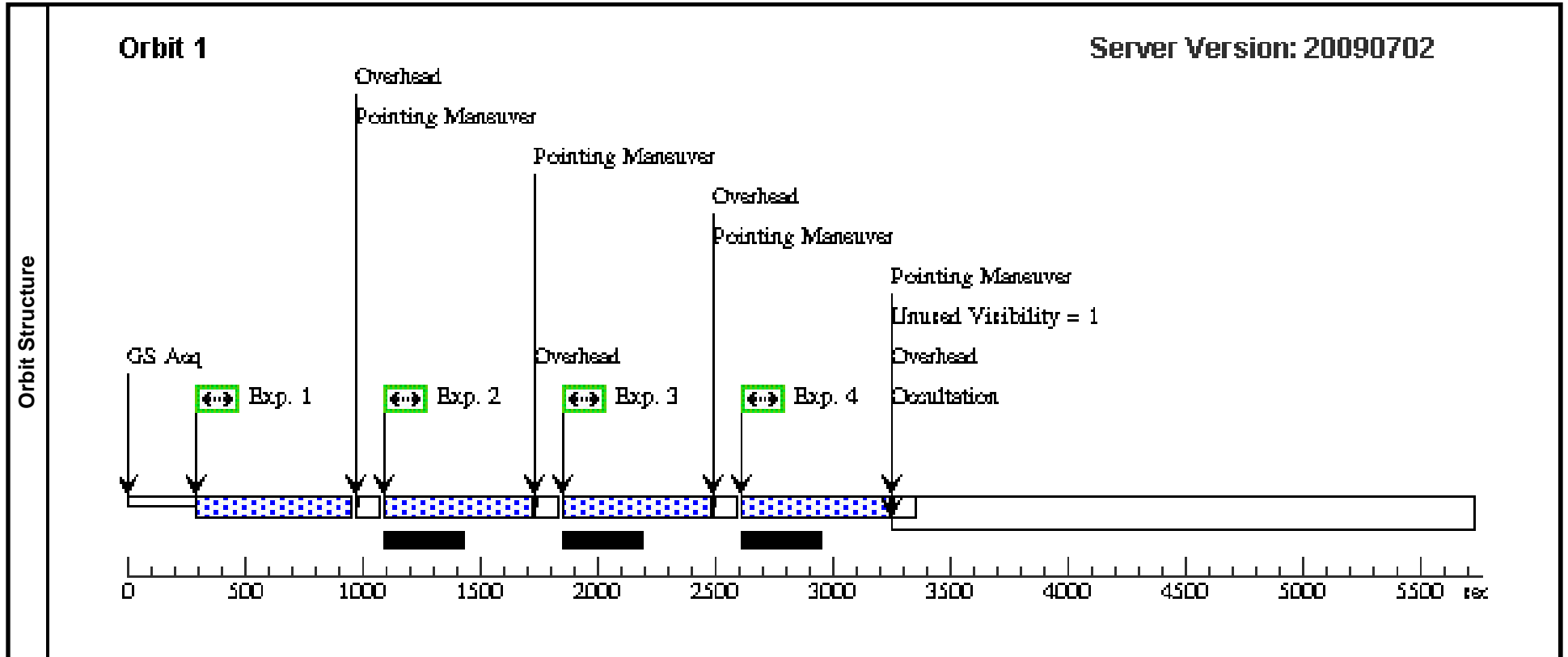


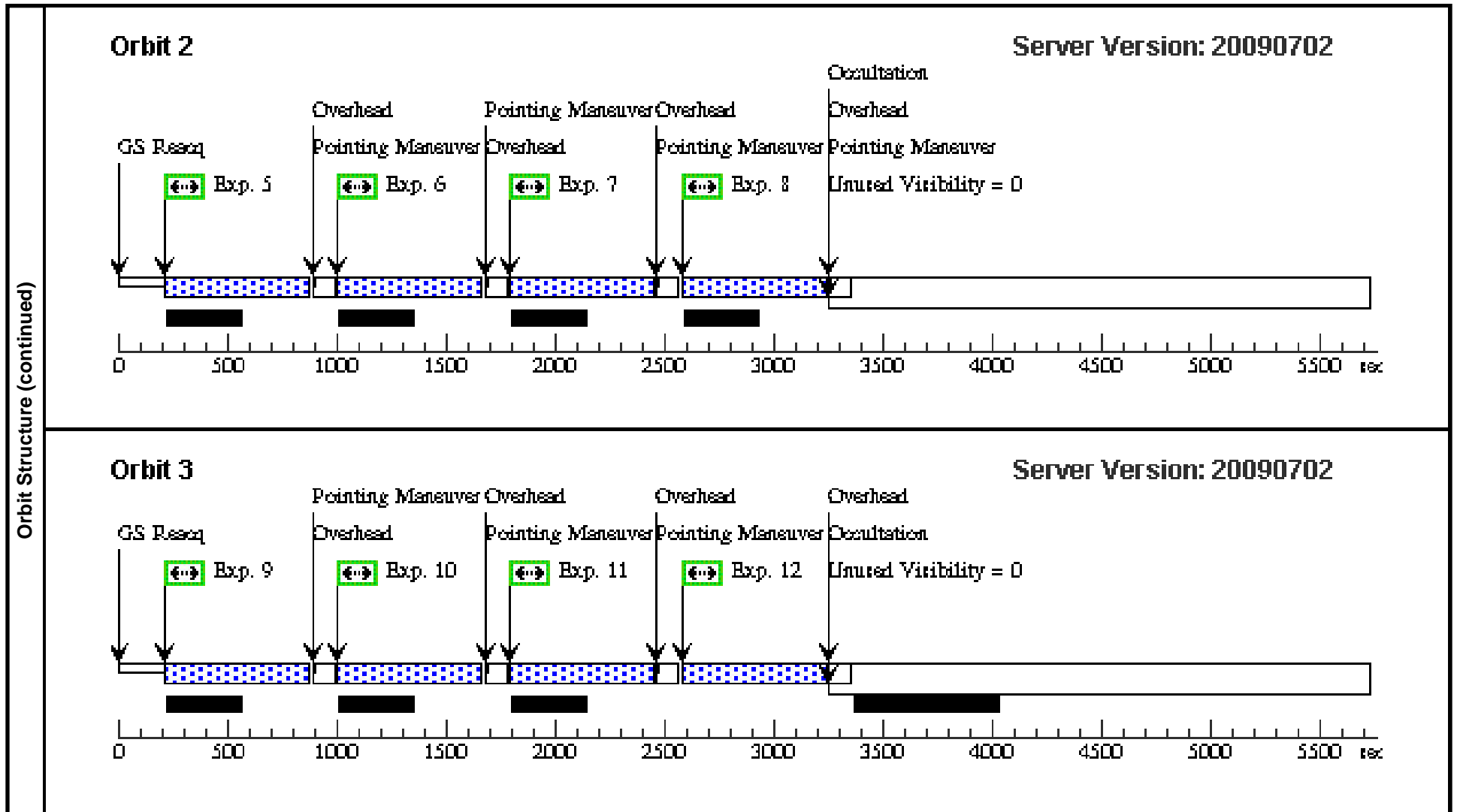


Proposal 11697 - Visit 04 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Fri Oct 02 01:04:22 GMT 2009

Visit	Proposal 11697, Visit 04, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	LEOH-Q111340+221242	RA: 11 13 40.6300 (168.4192917d) Dec: +22 12 42.70 (22.21186d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=21.45	Reference Frame: ICRS				
	<i>Comments: The coordinates are for a QSO behind the dwarf spheroidal galaxy Leo II.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) LEOH-Q111340+221242	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3740, -0.4002		550 Secs [=>633.0 Secs]	[1]
	2		(4) LEOH-Q111340+221242	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2952, -0.3357		550 Secs [=>633.0 Secs]	[1]
	3		(4) LEOH-Q111340+221242	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2263, -0.2422		550 Secs [=>633.0 Secs]	[1]
	4		(4) LEOH-Q111340+221242	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1279, -0.1566		550 Secs [=>633.0 Secs]	[1]
	5		(4) LEOH-Q111340+221242	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0787, -0.0645		550 Secs [=>661.0 Secs]	[2]
	6		(4) LEOH-Q111340+221242	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO			550 Secs [=>661.0 Secs]	[2]
	7		(4) LEOH-Q111340+221242	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0886,0.1145		550 Secs [=>661.0 Secs]	[2]
	8		(4) LEOH-Q111340+221242	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1870,0.2001		550 Secs [=>661.0 Secs]	[2]
	9		(4) LEOH-Q111340+221242	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2362,0.2527		550 Secs [=>661.0 Secs]	[3]
	10		(4) LEOH-Q111340+221242	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3346,0.3383		550 Secs [=>661.0 Secs]	[3]
	11		(4) LEOH-Q111340+221242	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0.4410		550 Secs [=>661.0 Secs]	[3]
	12		(4) LEOH-Q111340+221242	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0.5265		550 Secs [=>661.0 Secs]	[3]

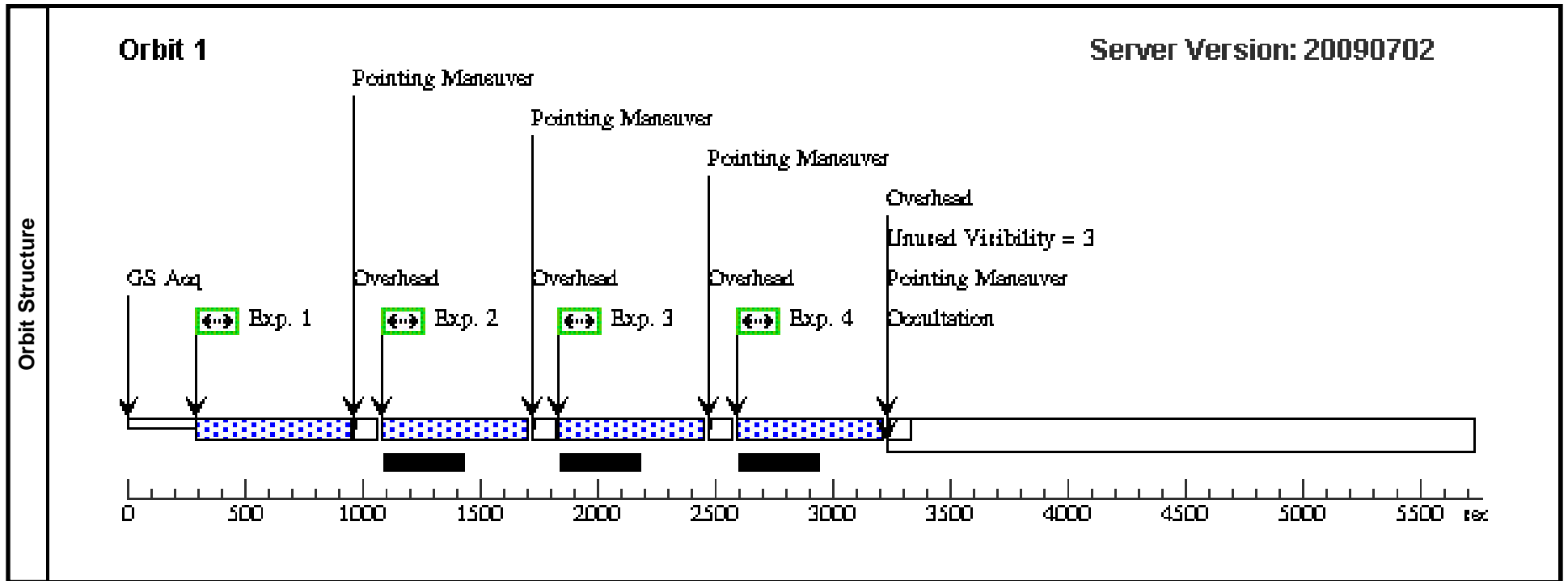


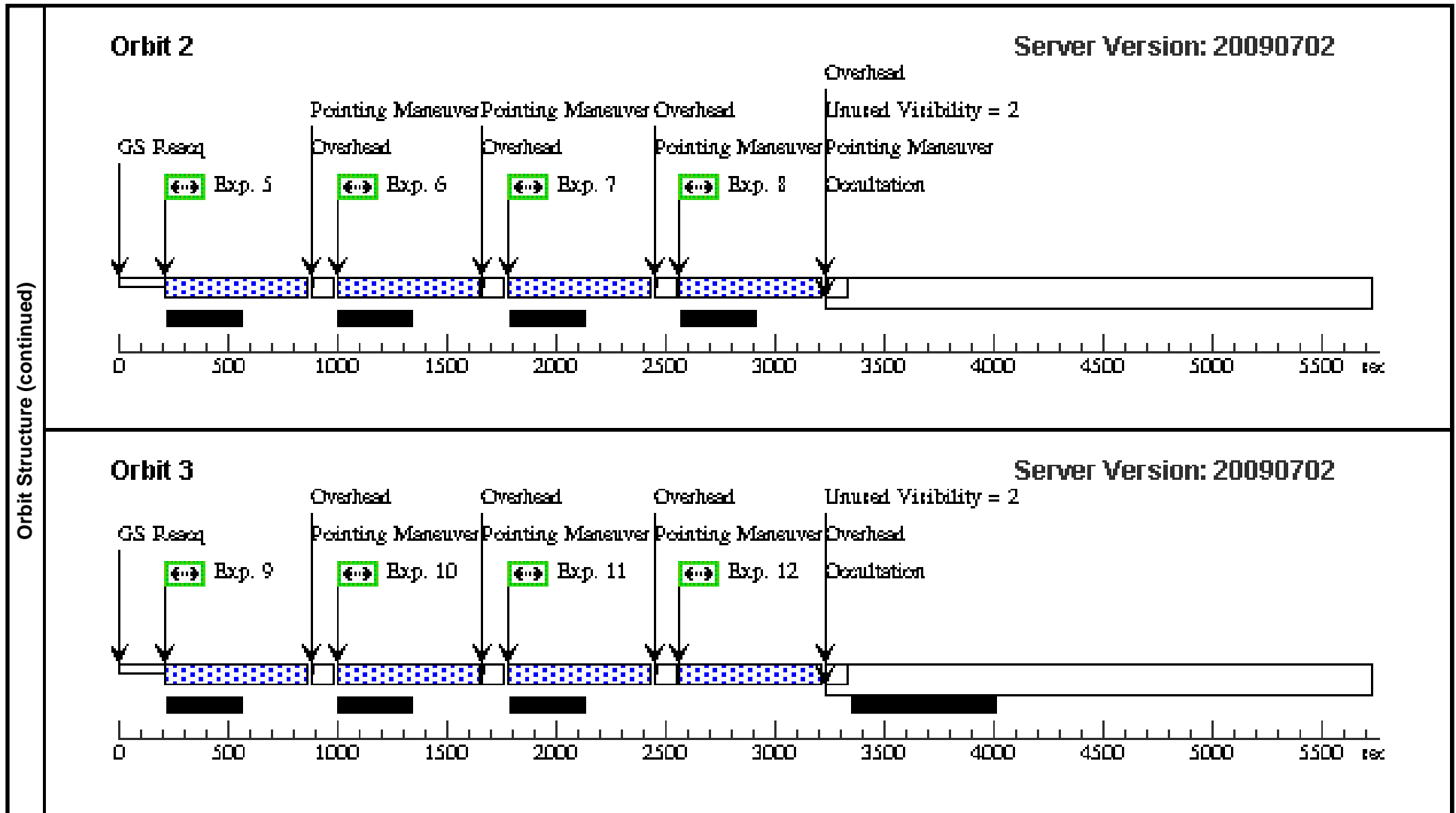


Proposal 11697 - Visit 05 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Fri Oct 02 01:04:23 GMT 2009

Visit	Proposal 11697, Visit 05, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(5)	LEOIV-Q113249-003237	RA: 11 32 49.3200 (173.2055000d) Dec: -00 32 37.80 (-.54383d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=21.21	Reference Frame: ICRS				
	<i>Comments: The coordinates are for a QSO behind the dwarf spheroidal galaxy Leo IV.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) LEOIV-Q113249-003237	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3740, -0.4002		550 Secs [=>627.0 Secs]	[1]
	2		(5) LEOIV-Q113249-003237	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2952, -0.3357		550 Secs [=>627.0 Secs]	[1]
	3		(5) LEOIV-Q113249-003237	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2263, -0.2422		550 Secs [=>627.0 Secs]	[1]
	4		(5) LEOIV-Q113249-003237	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1279, -0.1566		550 Secs [=>627.0 Secs]	[1]
	5		(5) LEOIV-Q113249-003237	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0787, -0.0645		550 Secs [=>655.0 Secs]	[2]
	6		(5) LEOIV-Q113249-003237	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO			550 Secs [=>655.0 Secs]	[2]
	7		(5) LEOIV-Q113249-003237	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0886,0 .1145		550 Secs [=>655.0 Secs]	[2]
	8		(5) LEOIV-Q113249-003237	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1870,0 .2001		550 Secs [=>655.0 Secs]	[2]
	9		(5) LEOIV-Q113249-003237	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2362,0 .2527		550 Secs [=>655.0 Secs]	[3]
	10		(5) LEOIV-Q113249-003237	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3346,0 .3383		550 Secs [=>655.0 Secs]	[3]
	11		(5) LEOIV-Q113249-003237	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0 .4410		550 Secs [=>655.0 Secs]	[3]
	12		(5) LEOIV-Q113249-003237	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0 .5265		550 Secs [=>655.0 Secs]	[3]

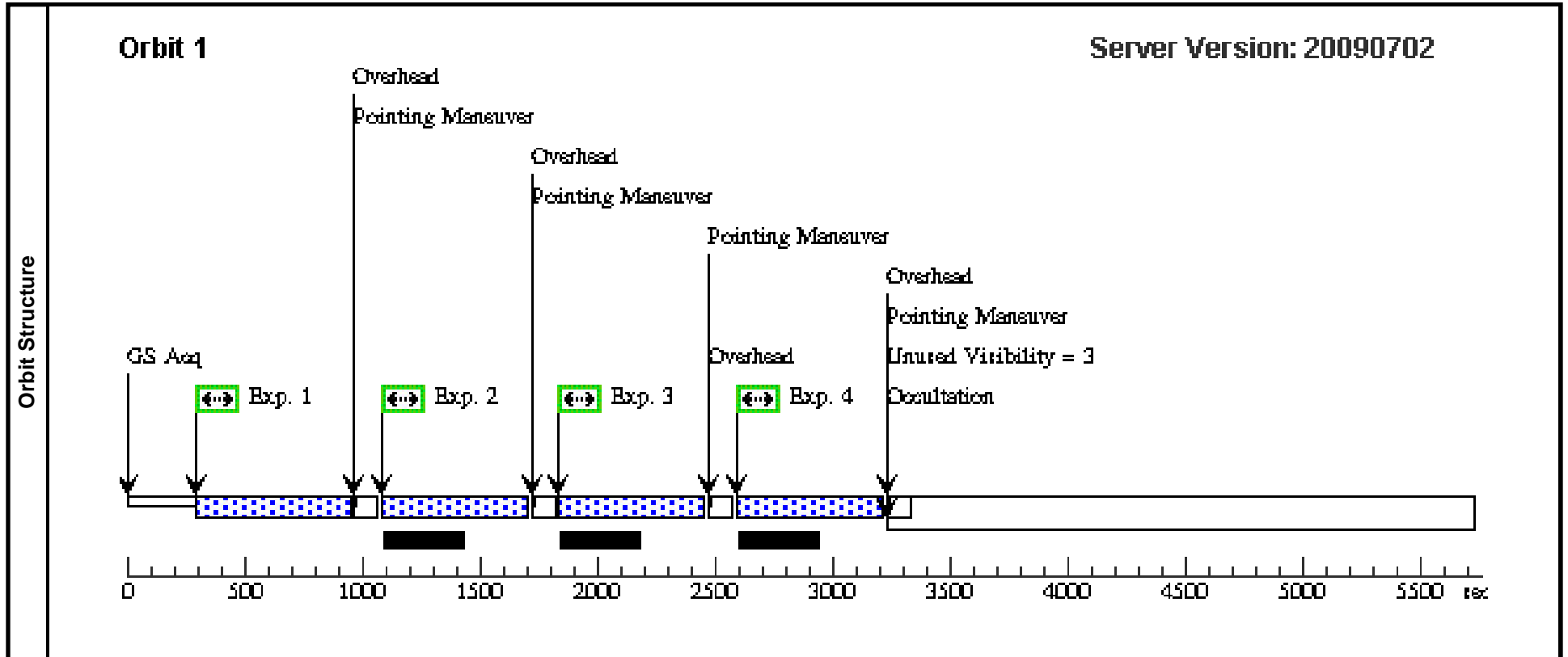


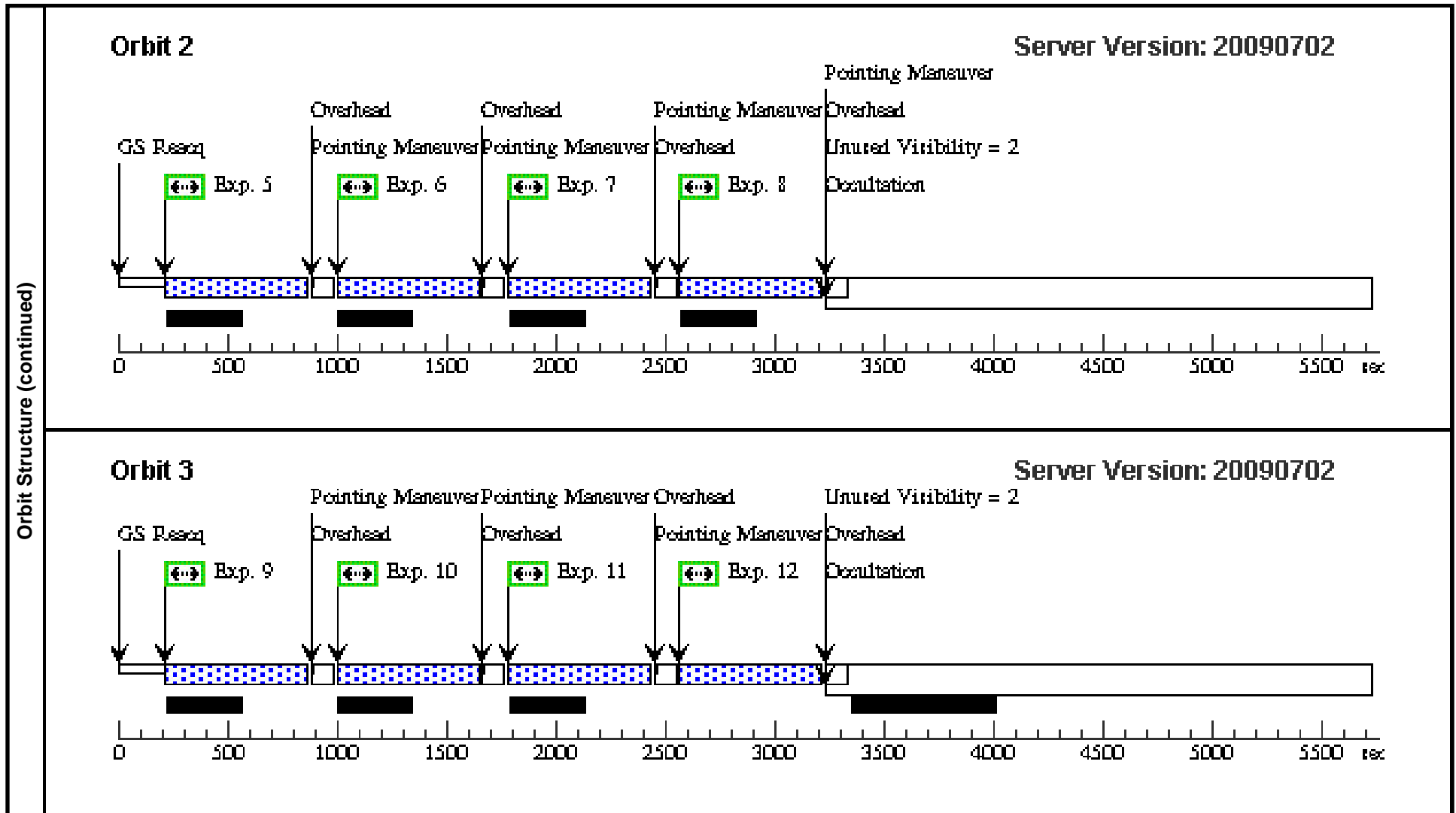


Proposal 11697 - Visit 06 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Fri Oct 02 01:04:23 GMT 2009

Visit	Proposal 11697, Visit 06, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(6)	LEOIV-Q113251-003500	RA: 11 32 51.8100 (173.2158750d) Dec: -00 35 0.24 (-.58340d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=21.75	Reference Frame: ICRS				
	<i>Comments: The coordinates are for a QSO behind the dwarf spheroidal galaxy Leo IV.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(6) LEOIV-Q113251-003500	(6) LEOIV-Q113251-003500	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3740, -0.4002		550 Secs [=>627.0 Secs]	[1]
	2	(6) LEOIV-Q113251-003500	(6) LEOIV-Q113251-003500	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2952, -0.3357		550 Secs [=>627.0 Secs]	[1]
	3	(6) LEOIV-Q113251-003500	(6) LEOIV-Q113251-003500	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2263, -0.2422		550 Secs [=>627.0 Secs]	[1]
	4	(6) LEOIV-Q113251-003500	(6) LEOIV-Q113251-003500	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1279, -0.1566		550 Secs [=>627.0 Secs]	[1]
	5	(6) LEOIV-Q113251-003500	(6) LEOIV-Q113251-003500	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0787, -0.0645		550 Secs [=>655.0 Secs]	[2]
	6	(6) LEOIV-Q113251-003500	(6) LEOIV-Q113251-003500	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO			550 Secs [=>655.0 Secs]	[2]
	7	(6) LEOIV-Q113251-003500	(6) LEOIV-Q113251-003500	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0886,0 .1145		550 Secs [=>655.0 Secs]	[2]
	8	(6) LEOIV-Q113251-003500	(6) LEOIV-Q113251-003500	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1870,0 .2001		550 Secs [=>655.0 Secs]	[2]
	9	(6) LEOIV-Q113251-003500	(6) LEOIV-Q113251-003500	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2362,0 .2527		550 Secs [=>655.0 Secs]	[3]
	10	(6) LEOIV-Q113251-003500	(6) LEOIV-Q113251-003500	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3346,0 .3383		550 Secs [=>655.0 Secs]	[3]
	11	(6) LEOIV-Q113251-003500	(6) LEOIV-Q113251-003500	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0 .4410		550 Secs [=>655.0 Secs]	[3]
	12	(6) LEOIV-Q113251-003500	(6) LEOIV-Q113251-003500	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0 .5265		550 Secs [=>655.0 Secs]	[3]

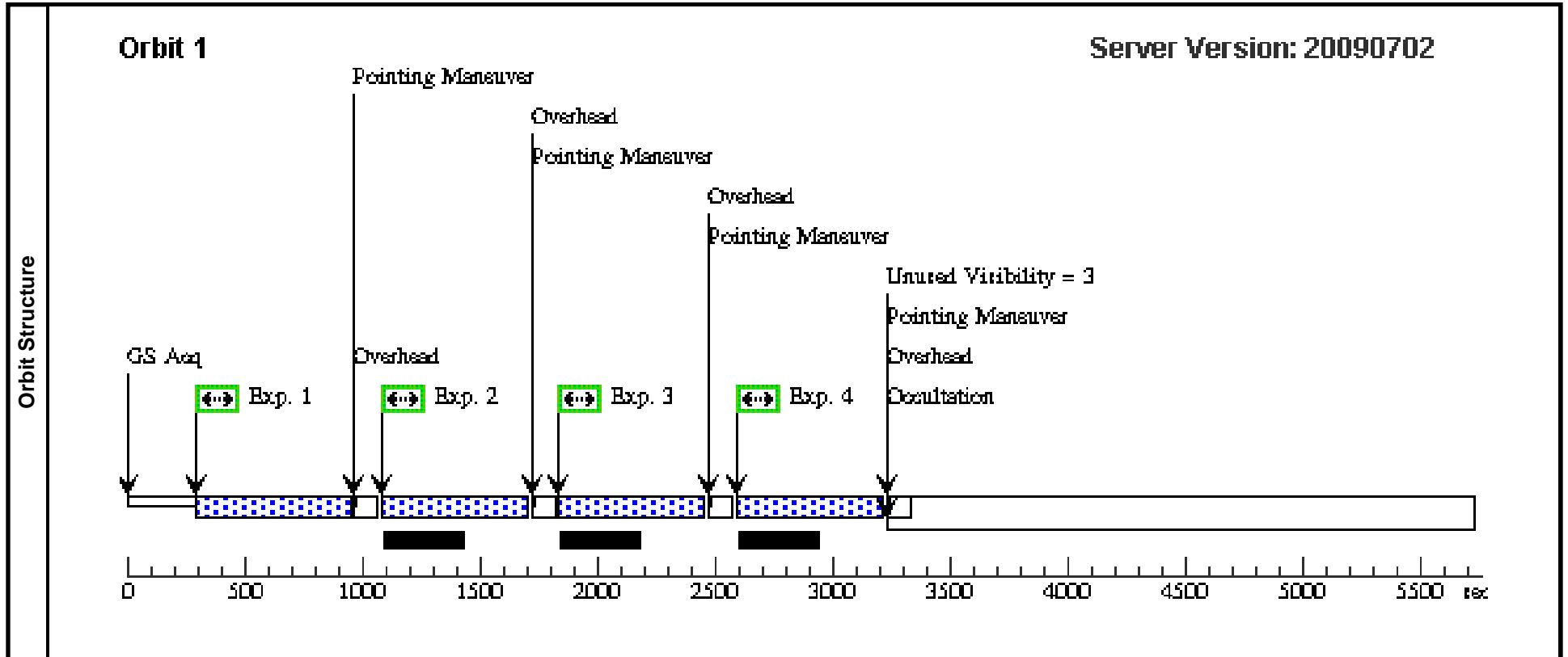


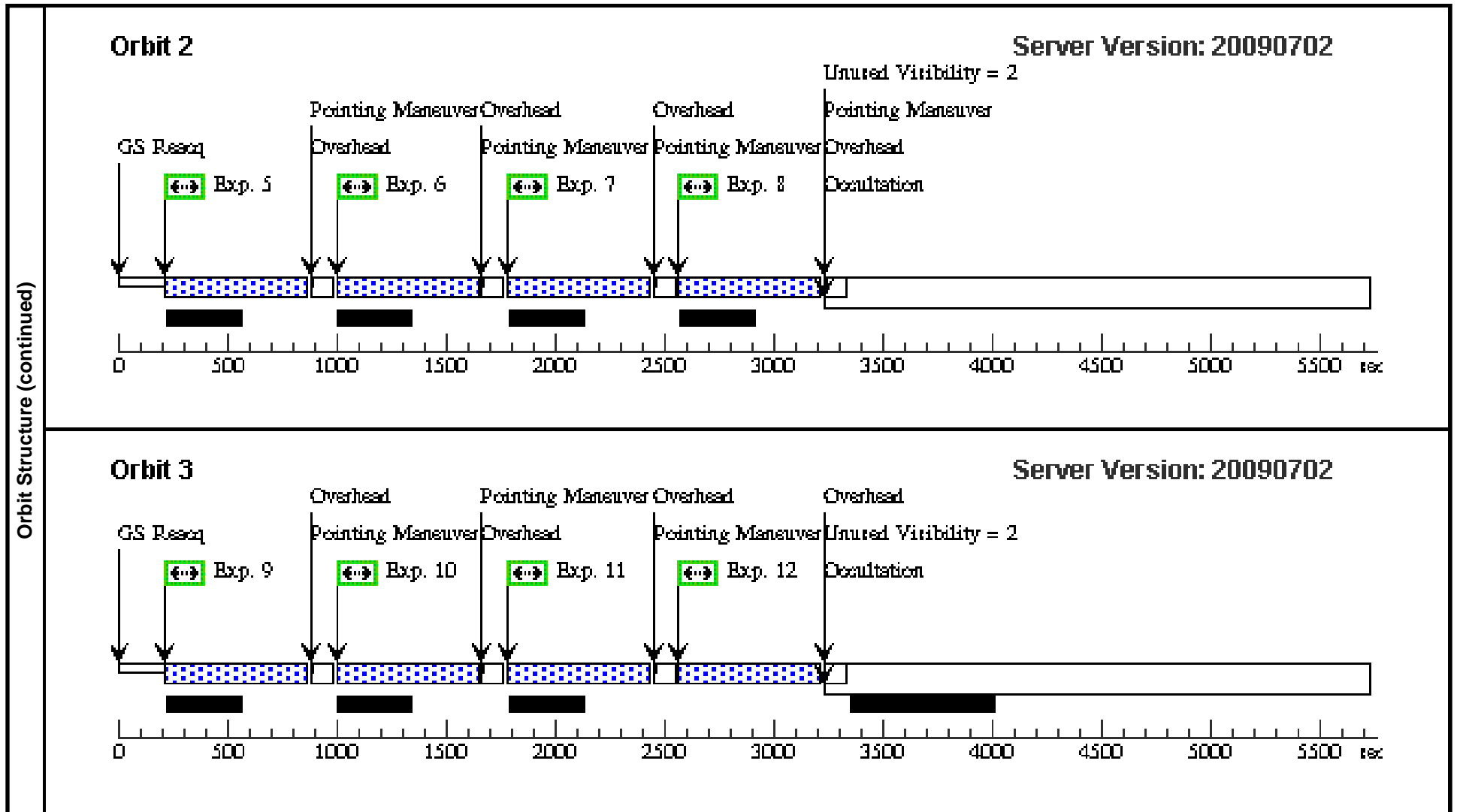


Proposal 11697 - Visit 07 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Fri Oct 02 01:04:24 GMT 2009

Visit	Proposal 11697, Visit 07, implementation									
	Diagnostic Status: No Diagnostics									
Fixed Targets	Scientific Instruments: WFC3/UVIS									
	Special Requirements: (none)									
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
(7)	LEOIV-Q113253-002724	RA: 11 32 53.8300 (173.2242917d) Dec: -00 27 24.46 (-.45679d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=21.83	Reference Frame: ICRS					
<i>Comments: The coordinates are for a QSO behind the dwarf spheroidal galaxy LeoIV.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(7) LEOIV-Q113253-002724	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3740, -0.4002; GS ACQ SCENARI O BASE1B3		550 Secs [==>627.0 Secs]	[1]
	2		(7) LEOIV-Q113253-002724	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2952, -0.3357		550 Secs [==>627.0 Secs]	[1]
	3		(7) LEOIV-Q113253-002724	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2263, -0.2422		550 Secs [==>627.0 Secs]	[1]
	4		(7) LEOIV-Q113253-002724	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1279, -0.1566		550 Secs [==>627.0 Secs]	[1]
	5		(7) LEOIV-Q113253-002724	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0787, -0.0645		550 Secs [==>655.0 Secs]	[2]
	6		(7) LEOIV-Q113253-002724	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO			550 Secs [==>655.0 Secs]	[2]
	7		(7) LEOIV-Q113253-002724	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0886,0 .1145		550 Secs [==>655.0 Secs]	[2]
	8		(7) LEOIV-Q113253-002724	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1870,0 .2001		550 Secs [==>655.0 Secs]	[2]
	9		(7) LEOIV-Q113253-002724	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2362,0 .2527		550 Secs [==>655.0 Secs]	[3]
	10		(7) LEOIV-Q113253-002724	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3346,0 .3383		550 Secs [==>655.0 Secs]	[3]
	11		(7) LEOIV-Q113253-002724	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0 .4410		550 Secs [==>655.0 Secs]	[3]
12		(7) LEOIV-Q113253-002724	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0 .5265		550 Secs [==>655.0 Secs]	[3]	





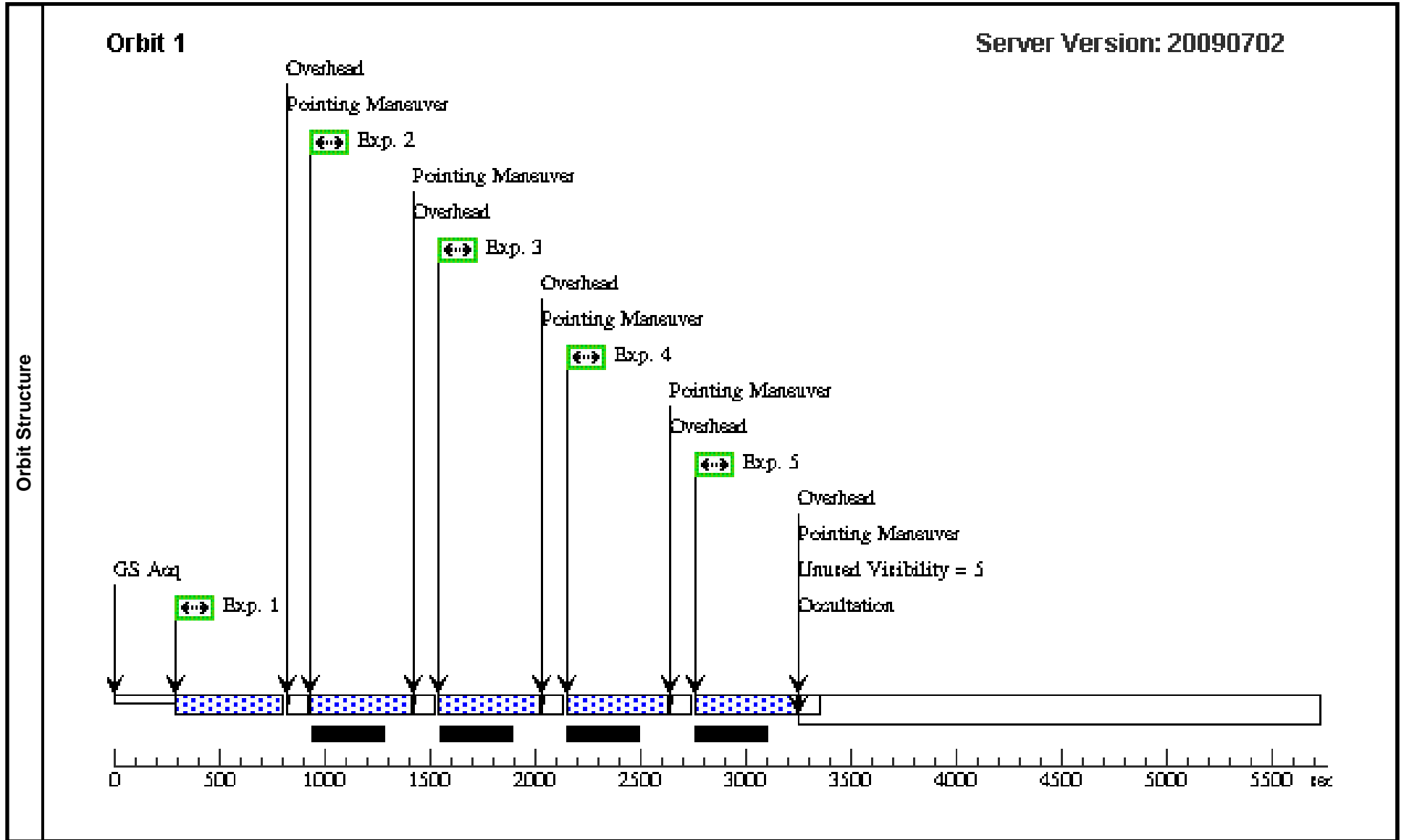
Proposal 11697 - Visit 08 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

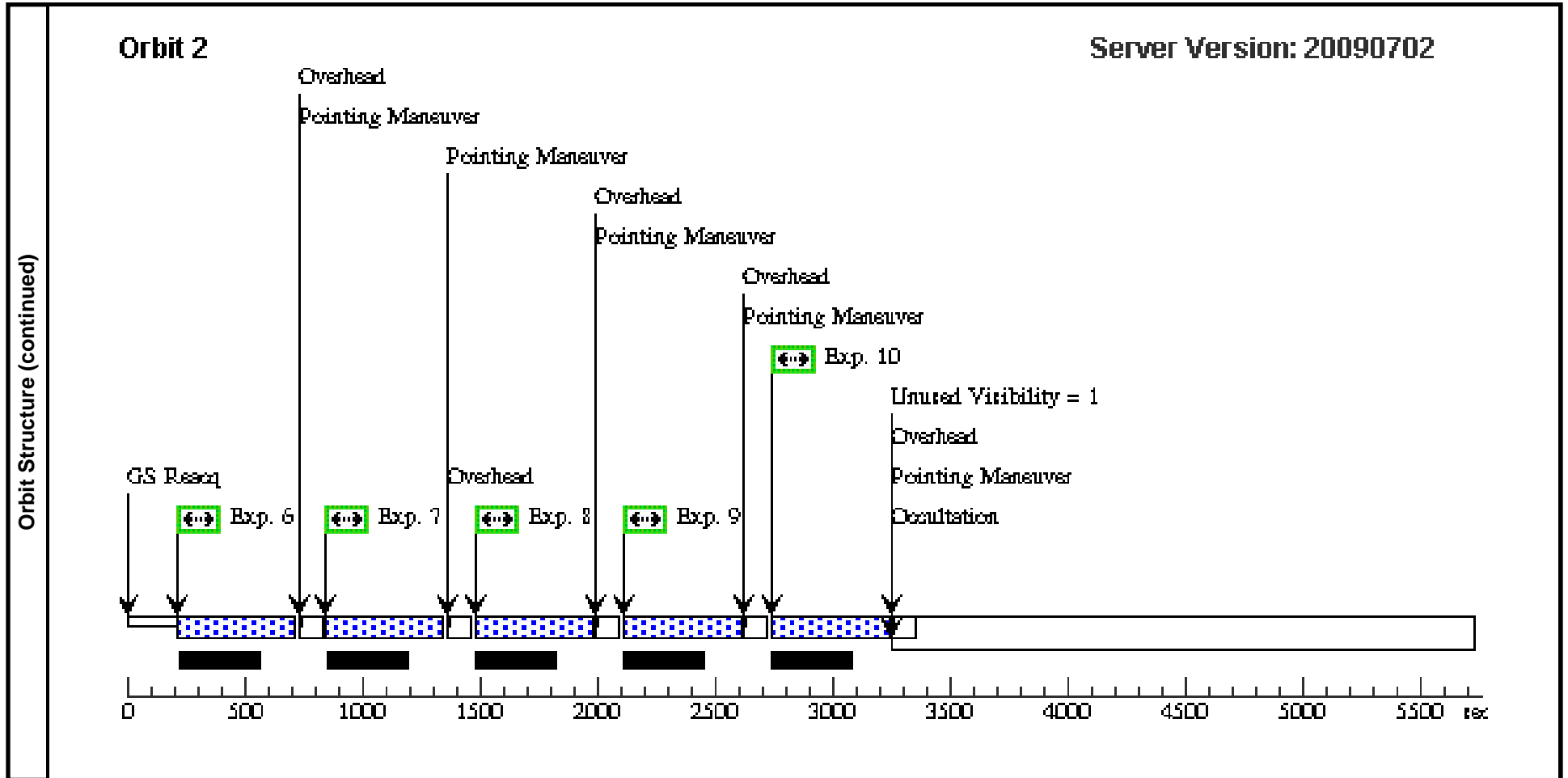
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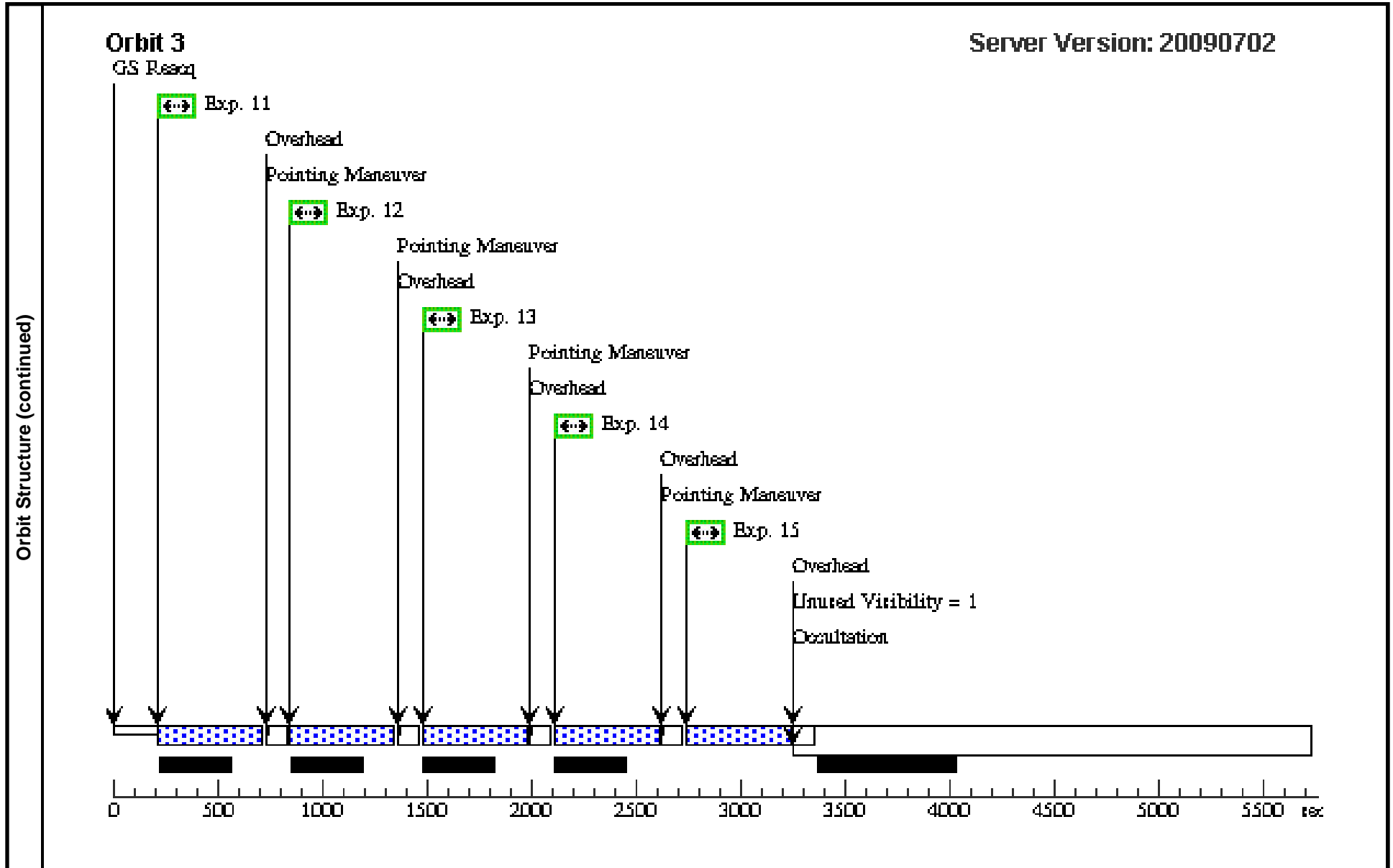
Visit	Proposal 11697, Visit 08, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(8)	COM-Q122653+235458	RA: 12 26 53.5500 (186.7231250d) Dec: +23 54 58.50 (23.91625d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=20.35	Reference Frame: ICRS				
	<i>Comments: The coordinates are for a QSO behind the dwarf spheroidal galaxy Coma Bernices.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(8) COM-Q122653+235458	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.5511, -0.5897		480 Secs [==>]	[1]
	2		(8) COM-Q122653+235458	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.4527, -0.5041		480 Secs [==>]	[1]
	3		(8) COM-Q122653+235458	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3838, -0.4107		480 Secs [==>]	[1]
	4		(8) COM-Q122653+235458	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2854, -0.3251		480 Secs [==>]	[1]
	5		(8) COM-Q122653+235458	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2362, -0.2330		480 Secs [==>]	[1]
	6		(8) COM-Q122653+235458	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1378, -0.1474		500 Secs [==>503.0 Secs]	[2]
	7		(8) COM-Q122653+235458	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0689, -0.0540		500 Secs [==>503.0 Secs]	[2]
	8		(8) COM-Q122653+235458	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0295,0 .0316		500 Secs [==>503.0 Secs]	[2]
	9		(8) COM-Q122653+235458	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0787,0 .0842		500 Secs [==>503.0 Secs]	[2]
	10		(8) COM-Q122653+235458	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1771,0 .1698		500 Secs [==>503.0 Secs]	[2]
	11		(8) COM-Q122653+235458	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2460,0 .2633		500 Secs [==>503.0 Secs]	[3]
	12		(8) COM-Q122653+235458	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3444,0 .3489		500 Secs [==>503.0 Secs]	[3]
	13		(8) COM-Q122653+235458	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0 .4410		500 Secs [==>503.0 Secs]	[3]
	14		(8) COM-Q122653+235458	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0 .5265		500 Secs [==>503.0 Secs]	[3]

Proposal 11697 - Visit 08 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	15	(8) COM-Q122653+ 235458	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.5610,0 .6200		500 Secs <i>[==>503.0 Secs]</i>	<i>[3]</i>	







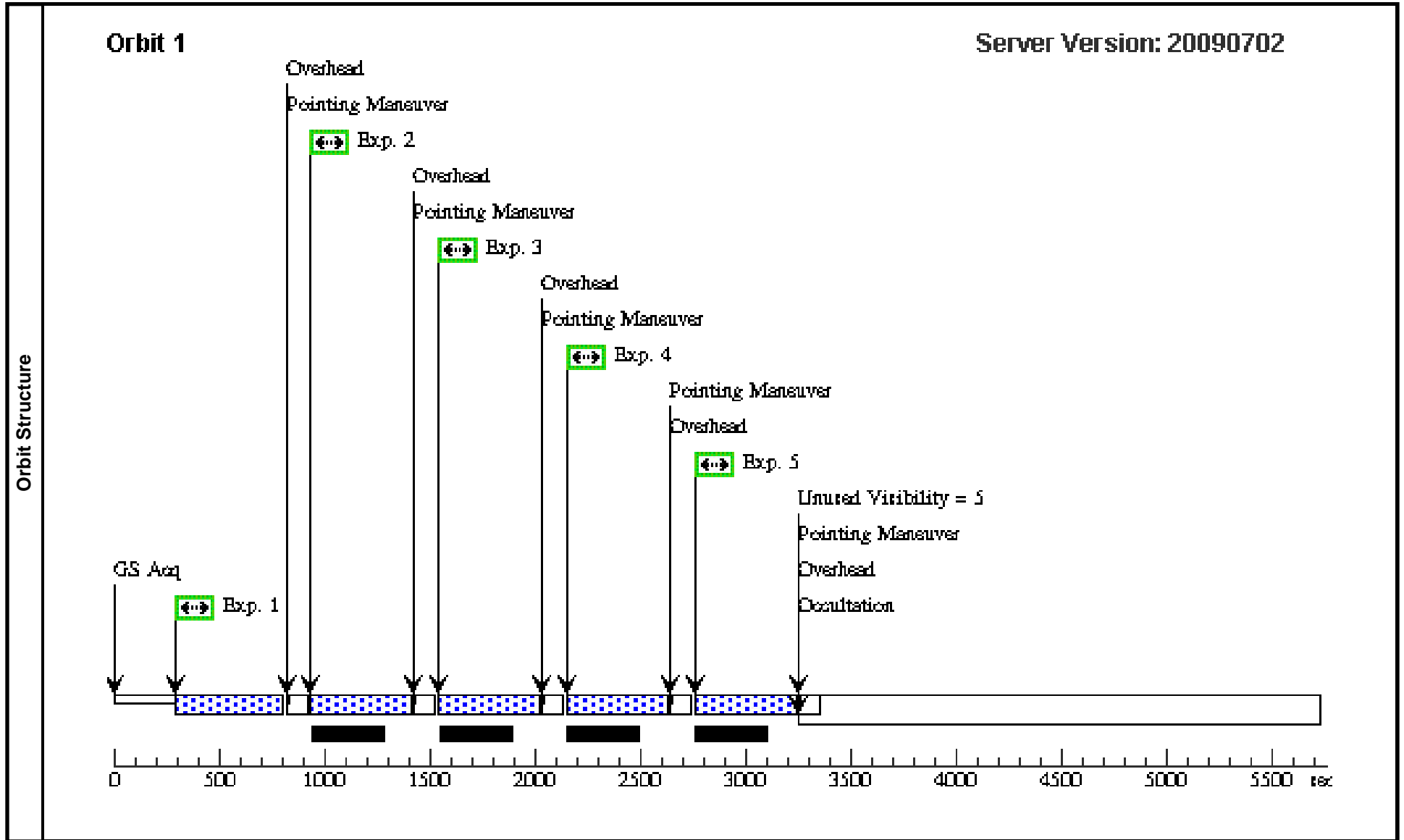
Proposal 11697 - Visit 09 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

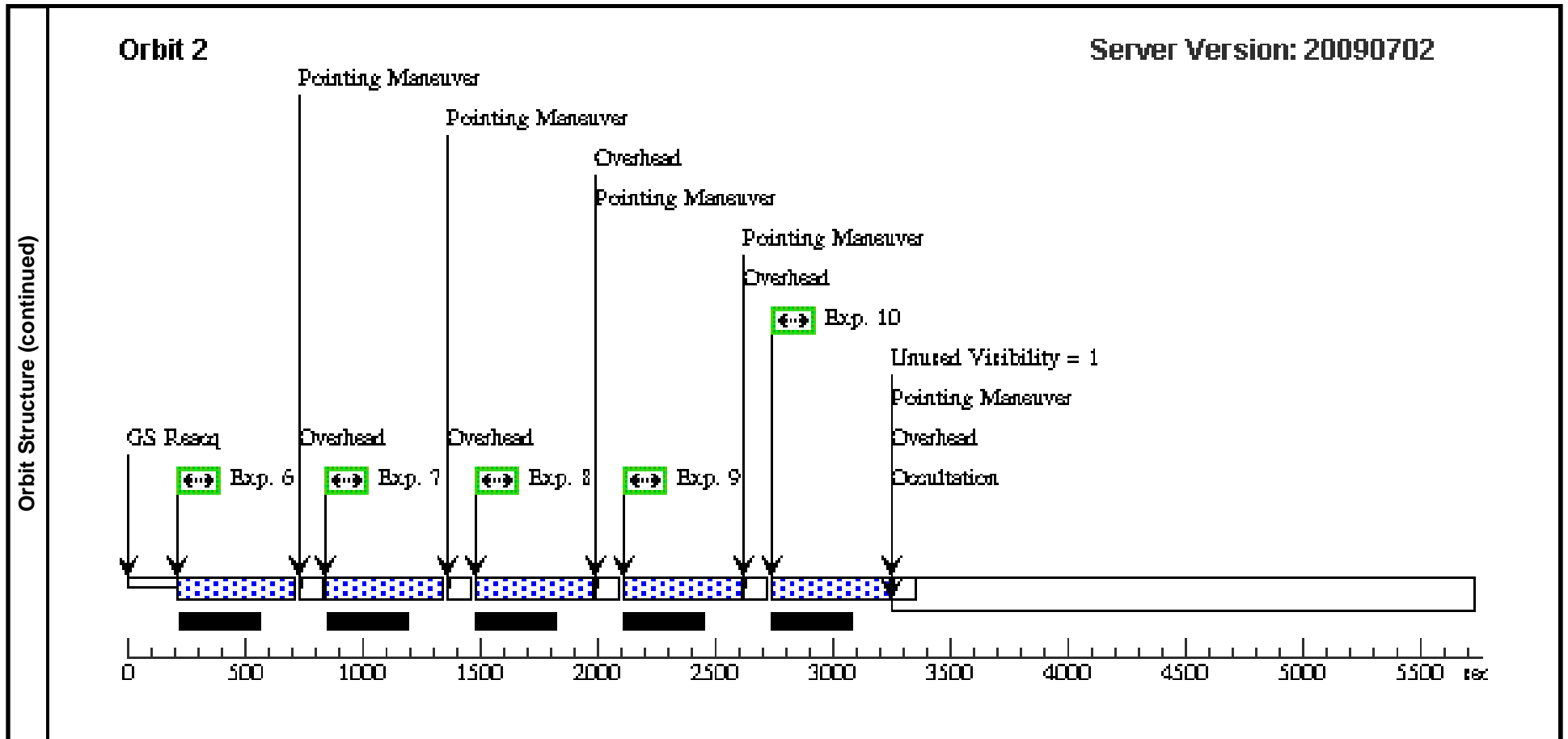
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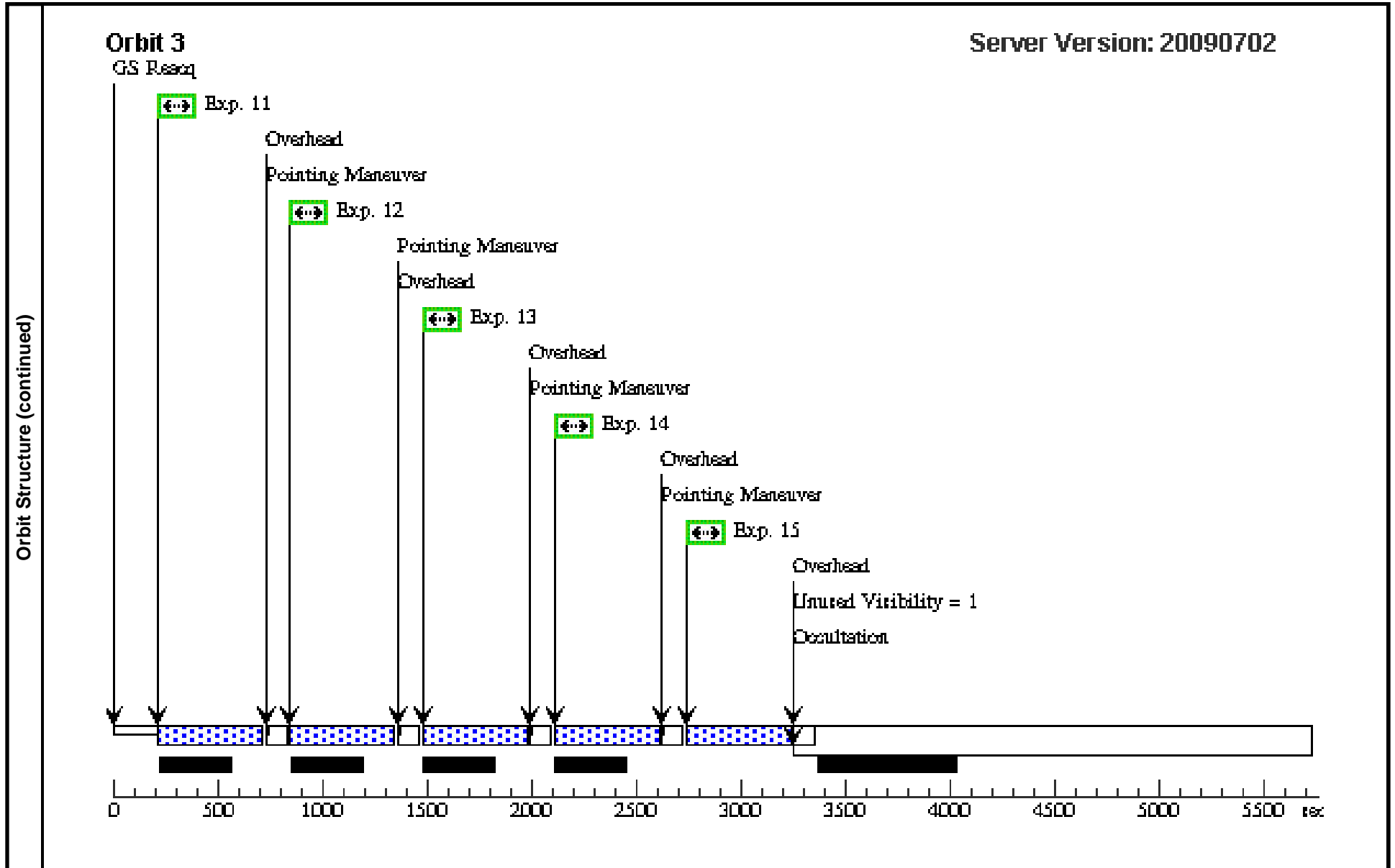
Visit	Proposal 11697, Visit 09, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(9)	COM-Q122659+234954	RA: 12 26 59.5900 (186.7482917d) Dec: +23 49 54.40 (23.83178d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=20.41	Reference Frame: ICRS				
	<i>Comments: The coordinates are for a QSO behind the dwarf spheroidal galaxy Coma Berenices.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(9) COM-Q122659+234954	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.5511, -0.5897		480 Secs [==>]	[1]
	2		(9) COM-Q122659+234954	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.4527, -0.5041		480 Secs [==>]	[1]
	3		(9) COM-Q122659+234954	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3838, -0.4107		480 Secs [==>]	[1]
	4		(9) COM-Q122659+234954	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2854, -0.3251		480 Secs [==>]	[1]
	5		(9) COM-Q122659+234954	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2362, -0.2330		480 Secs [==>]	[1]
	6		(9) COM-Q122659+234954	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1378, -0.1474		500 Secs [==>503.0 Secs]	[2]
	7		(9) COM-Q122659+234954	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0689, -0.0540		500 Secs [==>503.0 Secs]	[2]
	8		(9) COM-Q122659+234954	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0295,0 .0316		500 Secs [==>503.0 Secs]	[2]
	9		(9) COM-Q122659+234954	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0787,0 .0842		500 Secs [==>503.0 Secs]	[2]
	10		(9) COM-Q122659+234954	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1771,0 .1698		500 Secs [==>503.0 Secs]	[2]
	11		(9) COM-Q122659+234954	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2460,0 .2633		500 Secs [==>503.0 Secs]	[3]
	12		(9) COM-Q122659+234954	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3444,0 .3489		500 Secs [==>503.0 Secs]	[3]
	13		(9) COM-Q122659+234954	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0 .4410		500 Secs [==>503.0 Secs]	[3]
	14		(9) COM-Q122659+234954	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0 .5265		500 Secs [==>503.0 Secs]	[3]

Proposal 11697 - Visit 09 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	15		(9) COM-Q122659+ 234954	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.5610,0 .6200	500 Secs <i>[=>503.0 Secs]</i>		<i>[3]</i>







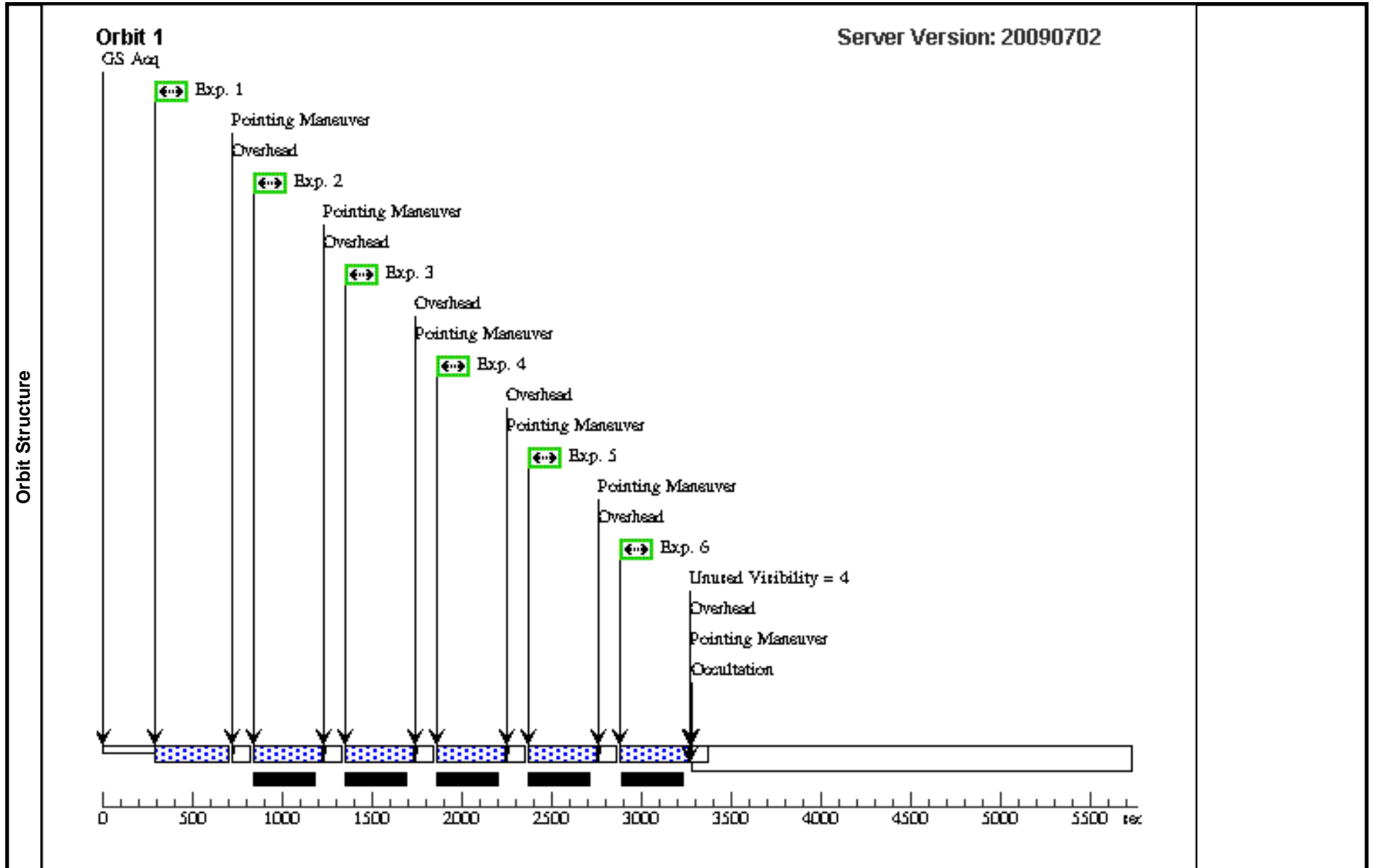
Proposal 11697 - Visit 10 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

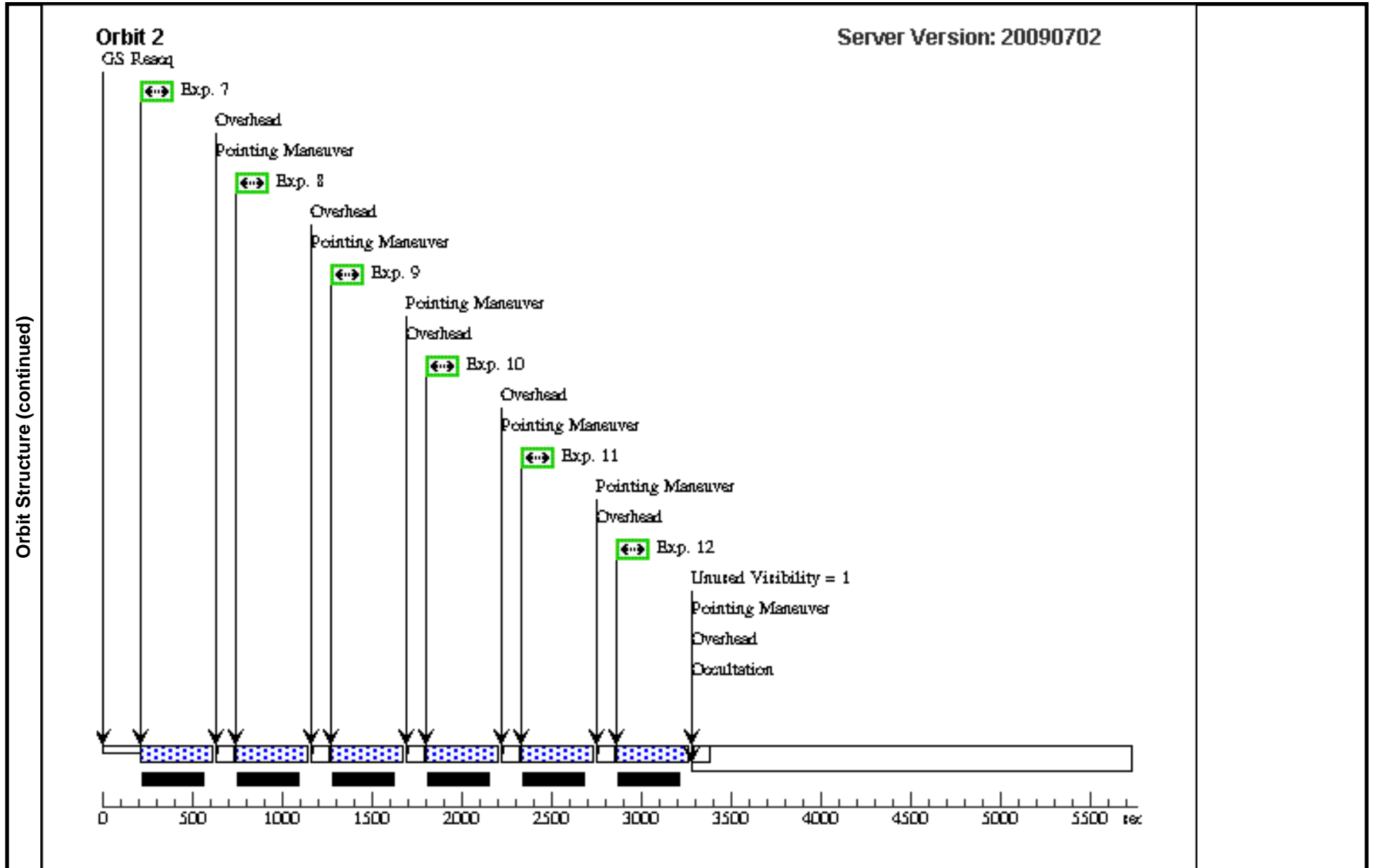
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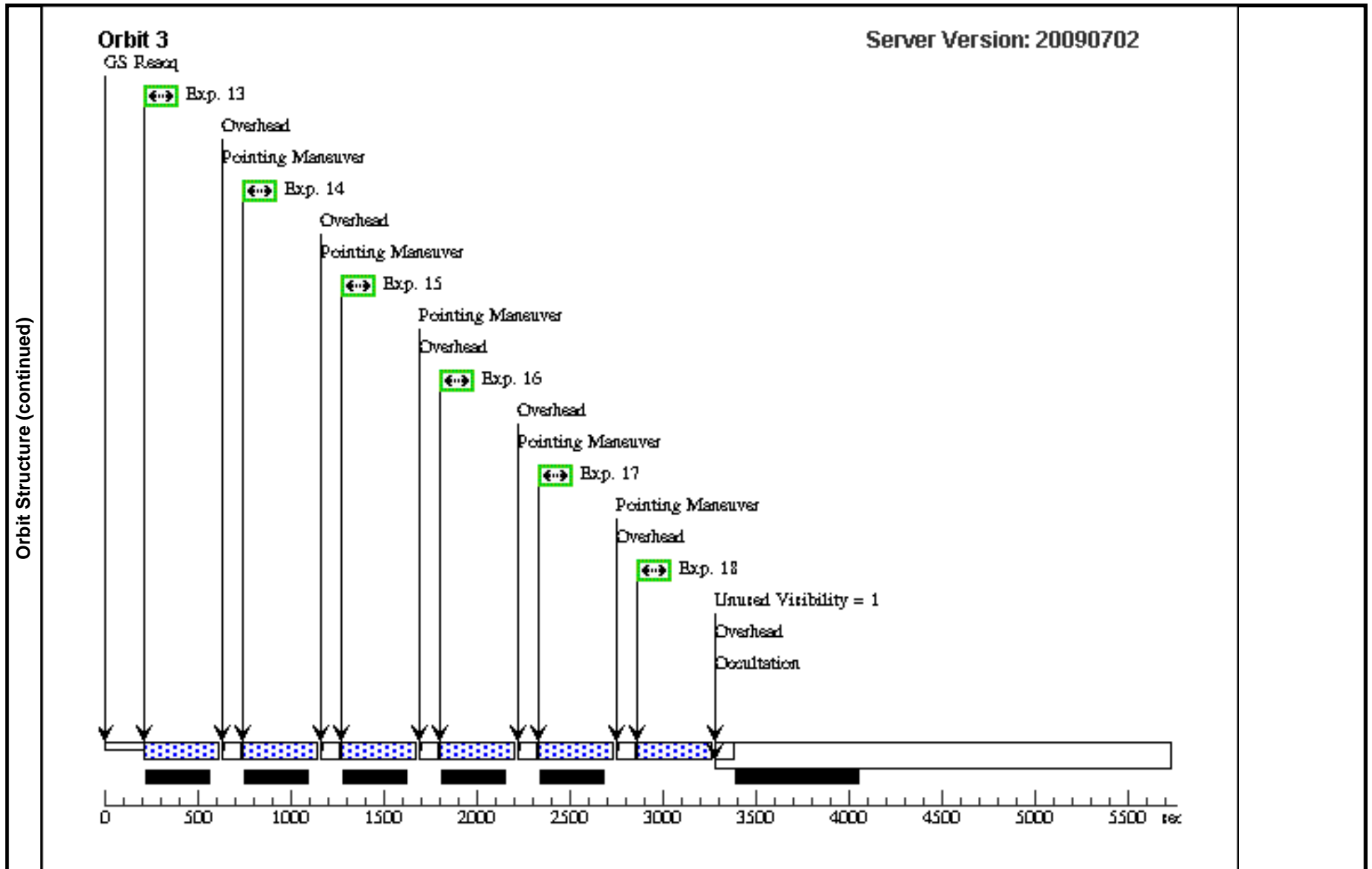
Visit	Proposal 11697, Visit 10, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(10)	CVNII-Q125704+341920	RA: 12 57 4.1000 (194.2670833d) Dec: +34 19 20.90 (34.32247d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=20.07	Reference Frame: ICRS				
	<i>Comments: The coordinates are for a QSO behind the dwarf spheroidal galaxy Canes Venatici II.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(10) CVNII-Q125704+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.5511, -0.5897		380 Secs [=>383.0 Secs]	[1]
	2		(10) CVNII-Q125704+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.4527, -0.5041		380 Secs [=>383.0 Secs]	[1]
	3		(10) CVNII-Q125704+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3838, -0.4107		380 Secs [=>383.0 Secs]	[1]
	4		(10) CVNII-Q125704+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2854, -0.3251		380 Secs [=>383.0 Secs]	[1]
	5		(10) CVNII-Q125704+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2362, -0.2330		380 Secs [=>383.0 Secs]	[1]
	6		(10) CVNII-Q125704+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1378, -0.1474		380 Secs [=>383.0 Secs]	[1]
	7		(10) CVNII-Q125704+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0689, -0.0540		400 Secs [=>402.0 Secs]	[2]
	8		(10) CVNII-Q125704+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0295,0.0316		400 Secs [=>402.0 Secs]	[2]
	9		(10) CVNII-Q125704+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0787,0.0842		400 Secs [=>402.0 Secs]	[2]
	10		(10) CVNII-Q125704+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1771,0.1698		400 Secs [=>402.0 Secs]	[2]
	11		(10) CVNII-Q125704+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2460,0.2633		400 Secs [=>402.0 Secs]	[2]
	12		(10) CVNII-Q125704+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3444,0.3489		400 Secs [=>402.0 Secs]	[2]
	13		(10) CVNII-Q125704+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0.4410		400 Secs [=>402.0 Secs]	[3]
	14		(10) CVNII-Q125704+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0.5265		400 Secs [=>402.0 Secs]	[3]

Proposal 11697 - Visit 10 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	15		(10) CVNII-Q12570 4+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.5610,0 .6200		400 Secs [=>402.0 Secs]	[3]
	16		(10) CVNII-Q12570 4+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.6594,0 .7056		400 Secs [=>402.0 Secs]	[3]
	17		(10) CVNII-Q12570 4+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.7086,0 .7582		400 Secs [=>402.0 Secs]	[3]
	18		(10) CVNII-Q12570 4+341920	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.8070,0 .8438		400 Secs [=>402.0 Secs]	[3]



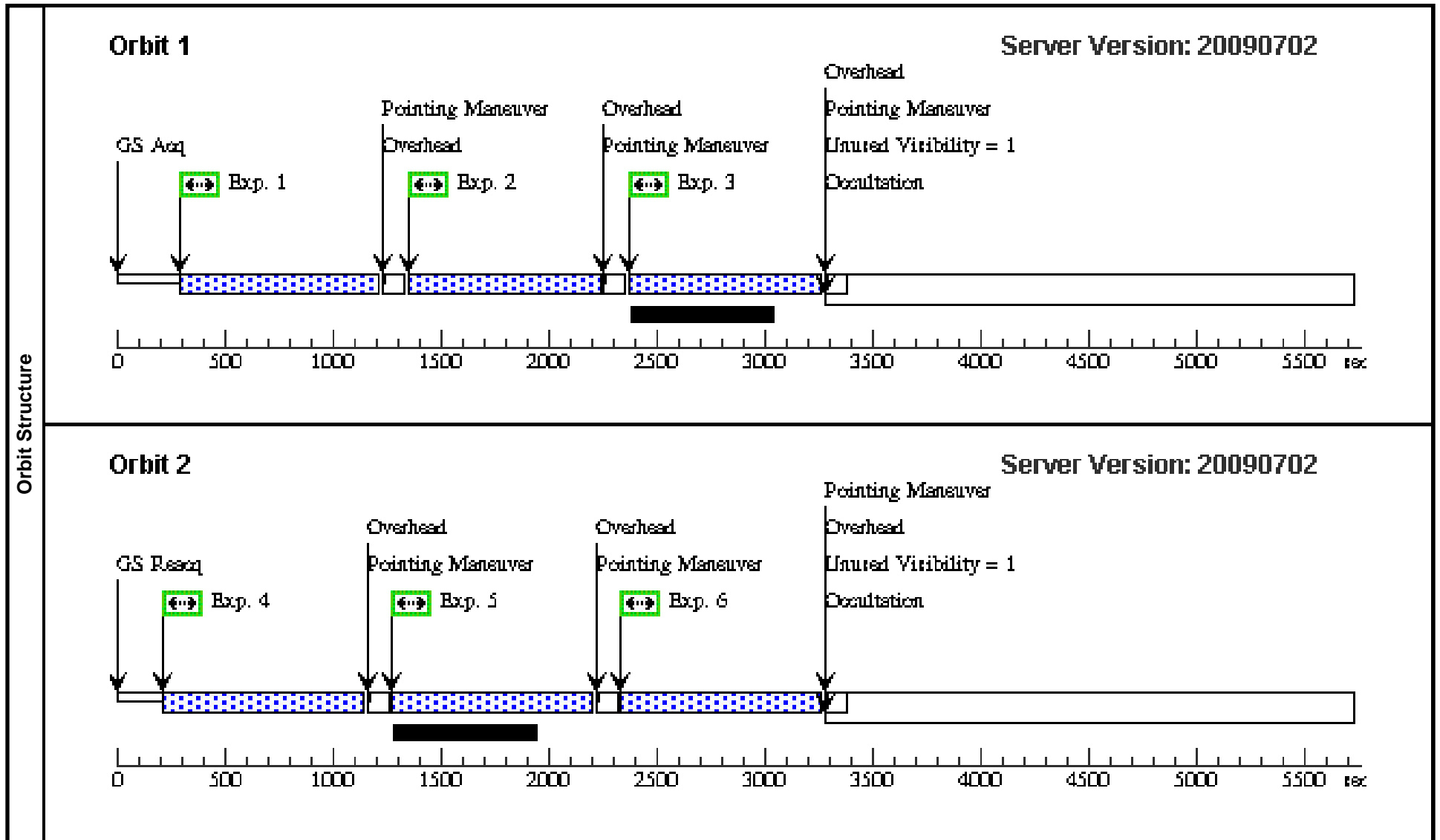


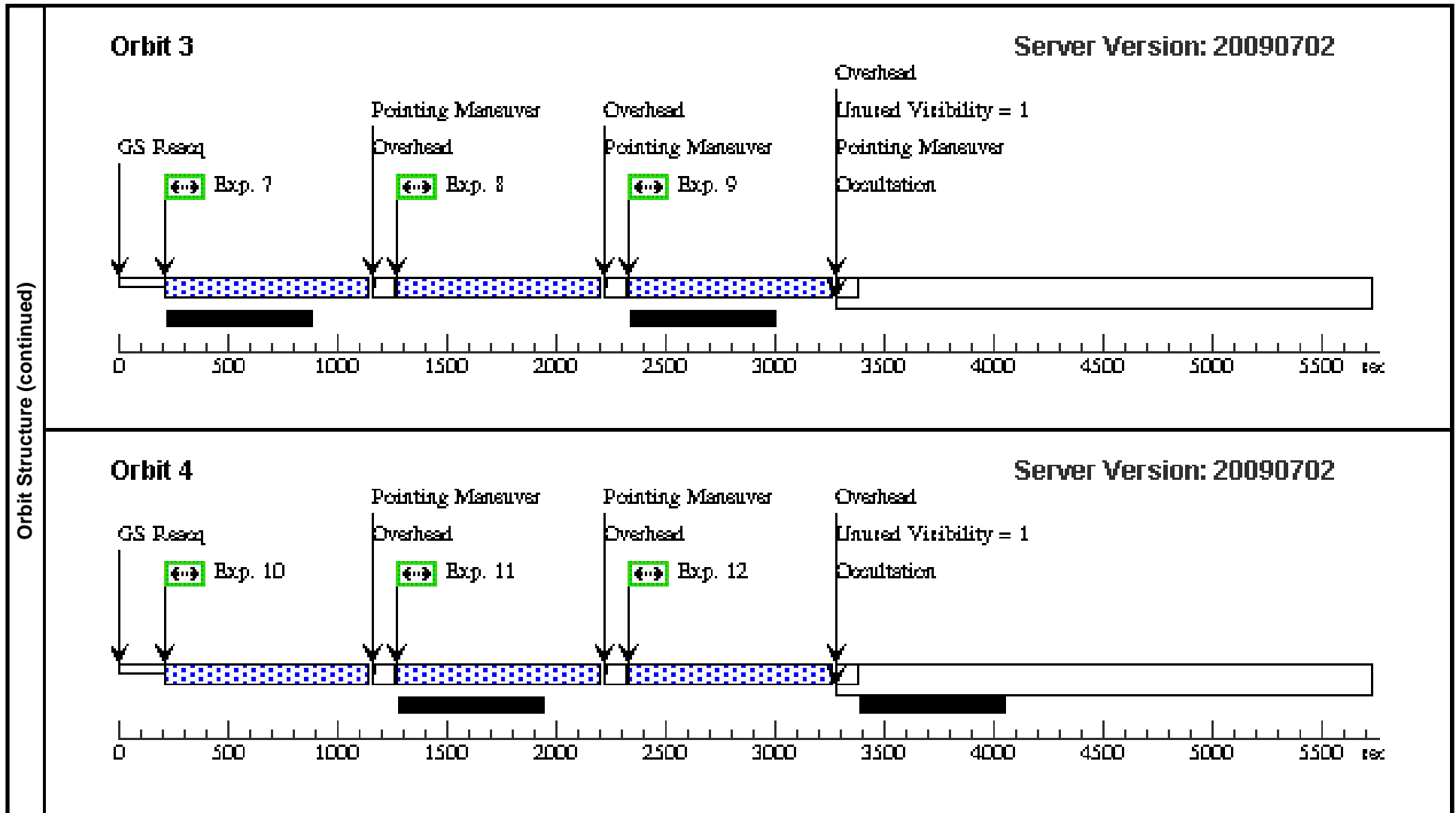


Proposal 11697 - Visit 11 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Fri Oct 02 01:04:28 GMT 2009

Visit	Proposal 11697, Visit 11, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BEFORE 30-JAN-2010:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(11)	CVNI-Q132744+333339	RA: 13 27 44.8800 (201.9370000d) Dec: +33 33 39.30 (33.56092d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=22.99	Reference Frame: ICRS				
	<i>Comments: The coordinates are for a QSO behind the dwarf spheroidal galaxy Canes Venatici I.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) CVNI-Q132744+333339	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3740, -0.4002		800 Secs [=>895.0 Secs]	[1]
	2		(11) CVNI-Q132744+333339	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2952, -0.3357		800 Secs [=>895.0 Secs]	[1]
	3		(11) CVNI-Q132744+333339	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2263, -0.2422		800 Secs [=>895.0 Secs]	[1]
	4		(11) CVNI-Q132744+333339	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1279, -0.1566		800 Secs [=>932.0 Secs]	[2]
	5		(11) CVNI-Q132744+333339	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0787, -0.0645		800 Secs [=>932.0 Secs]	[2]
	6		(11) CVNI-Q132744+333339	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO			800 Secs [=>932.0 Secs]	[2]
	7		(11) CVNI-Q132744+333339	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0886,0.1145		800 Secs [=>932.0 Secs]	[3]
	8		(11) CVNI-Q132744+333339	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1870,0.2001		800 Secs [=>932.0 Secs]	[3]
	9		(11) CVNI-Q132744+333339	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2362,0.2527		800 Secs [=>932.0 Secs]	[3]
	10		(11) CVNI-Q132744+333339	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3346,0.3383		800 Secs [=>932.0 Secs]	[4]
	11		(11) CVNI-Q132744+333339	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0.4410		800 Secs [=>932.0 Secs]	[4]
	12		(11) CVNI-Q132744+333339	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0.5265		800 Secs [=>932.0 Secs]	[4]

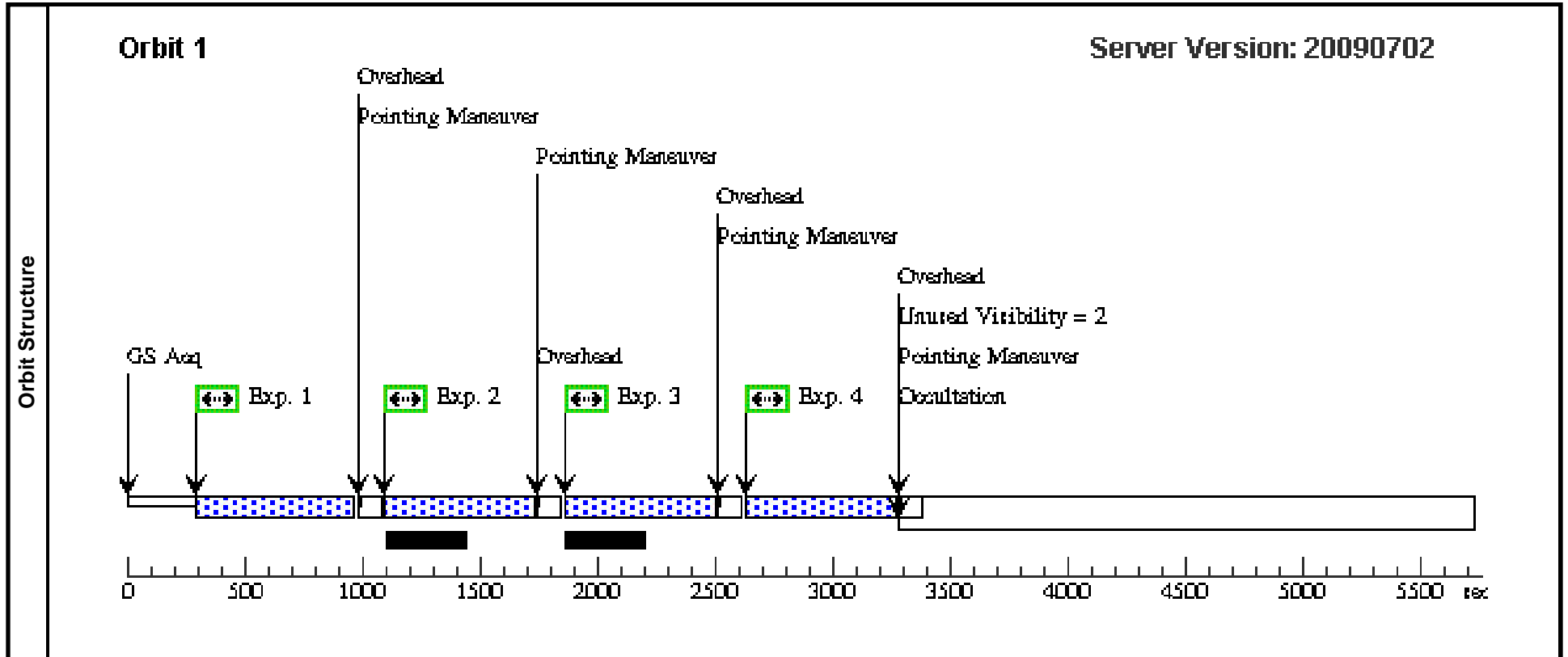


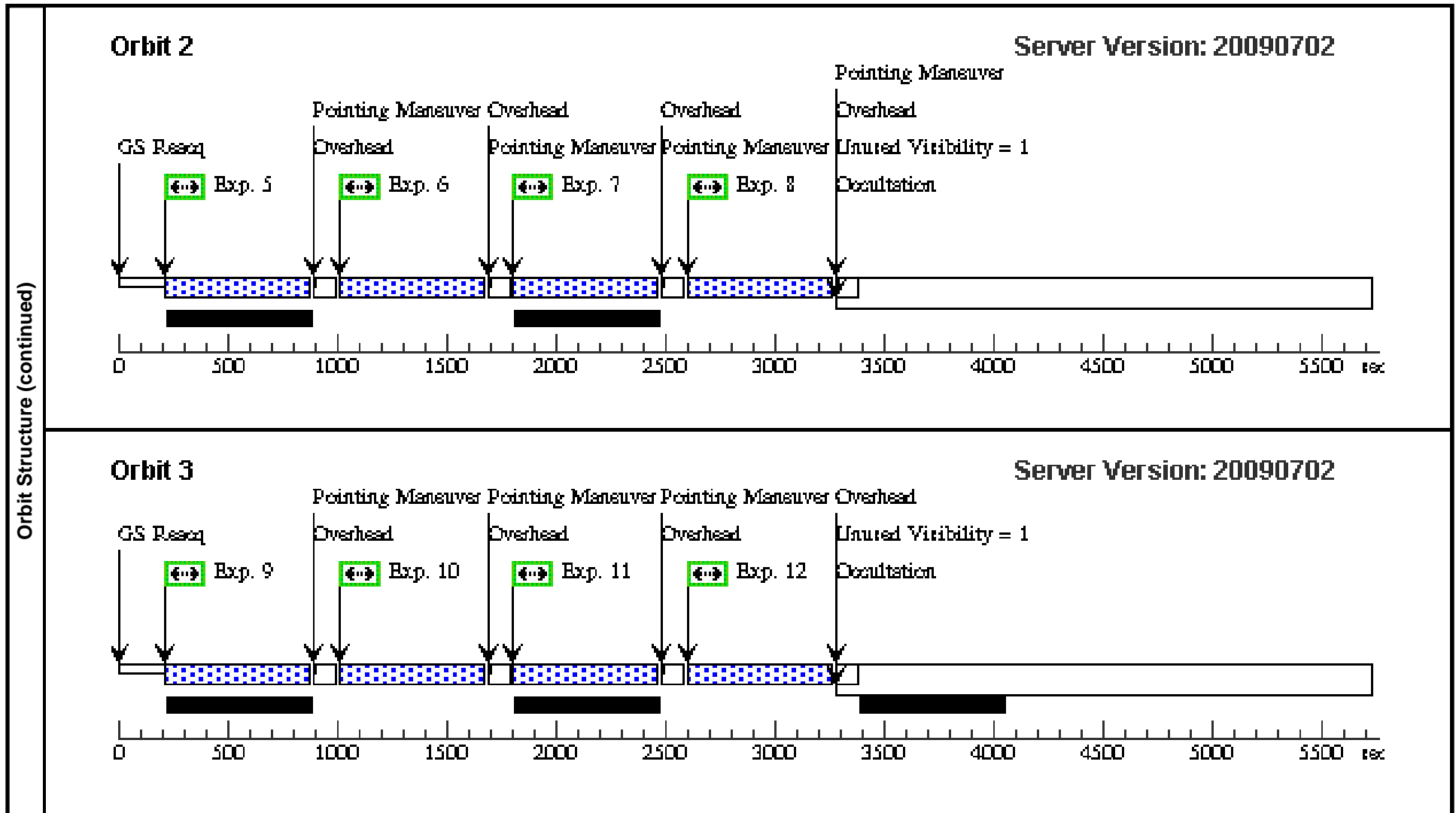


Proposal 11697 - Visit 12 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Fri Oct 02 01:04:29 GMT 2009

Visit	Proposal 11697, Visit 12, implementation									
	Diagnostic Status: No Diagnostics									
Fixed Targets	Scientific Instruments: WFC3/UVIS									
	Special Requirements: (none)									
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
(12)	CVNI-Q132753+334000	RA: 13 27 53.0000 (201.9708333d) Dec: +33 40 0.10 (33.66669d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=20.50	Reference Frame: ICRS					
<i>Comments: The coordinates are for a QSO behind the dwarf spheroidal galaxy Canes Venatici I.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(12) CVNI-Q132753+334000	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3740, -0.4002		550 Secs [=>639.0 Secs]	[1]
	2		(12) CVNI-Q132753+334000	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2952, -0.3357		550 Secs [=>639.0 Secs]	[1]
	3		(12) CVNI-Q132753+334000	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2263, -0.2422		550 Secs [=>639.0 Secs]	[1]
	4		(12) CVNI-Q132753+334000	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1279, -0.1566		550 Secs [=>639.0 Secs]	[1]
	5		(12) CVNI-Q132753+334000	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0787, -0.0645		550 Secs [=>667.0 Secs]	[2]
	6		(12) CVNI-Q132753+334000	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO			550 Secs [=>667.0 Secs]	[2]
	7		(12) CVNI-Q132753+334000	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0886,0 .1145		550 Secs [=>667.0 Secs]	[2]
	8		(12) CVNI-Q132753+334000	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1870,0 .2001		550 Secs [=>667.0 Secs]	[2]
	9		(12) CVNI-Q132753+334000	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2362,0 .2527		550 Secs [=>667.0 Secs]	[3]
	10		(12) CVNI-Q132753+334000	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3346,0 .3383		550 Secs [=>667.0 Secs]	[3]
	11		(12) CVNI-Q132753+334000	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0 .4410		550 Secs [=>667.0 Secs]	[3]
12		(12) CVNI-Q132753+334000	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0 .5265		550 Secs [=>667.0 Secs]	[3]	





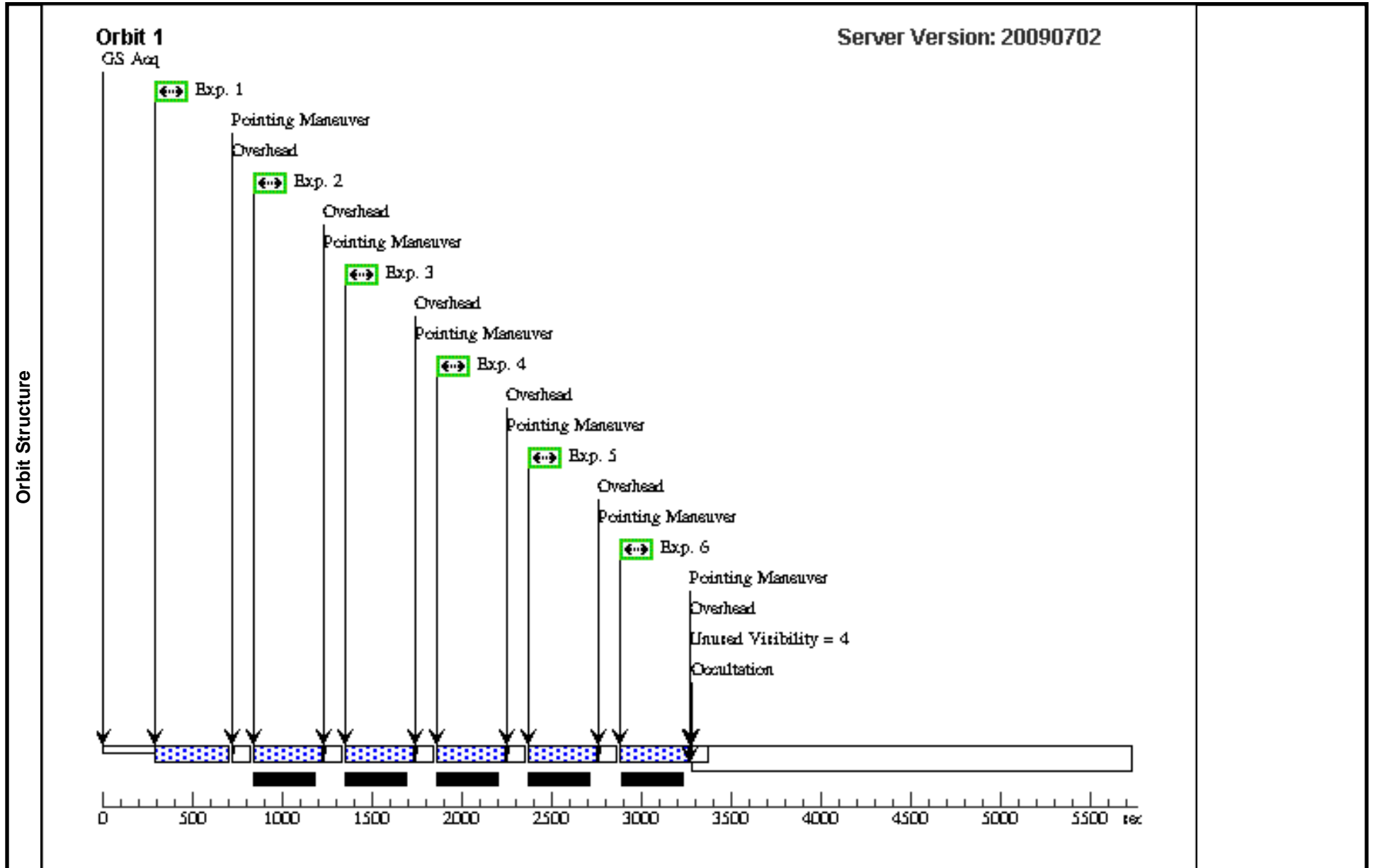
Proposal 11697 - Visit 13 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

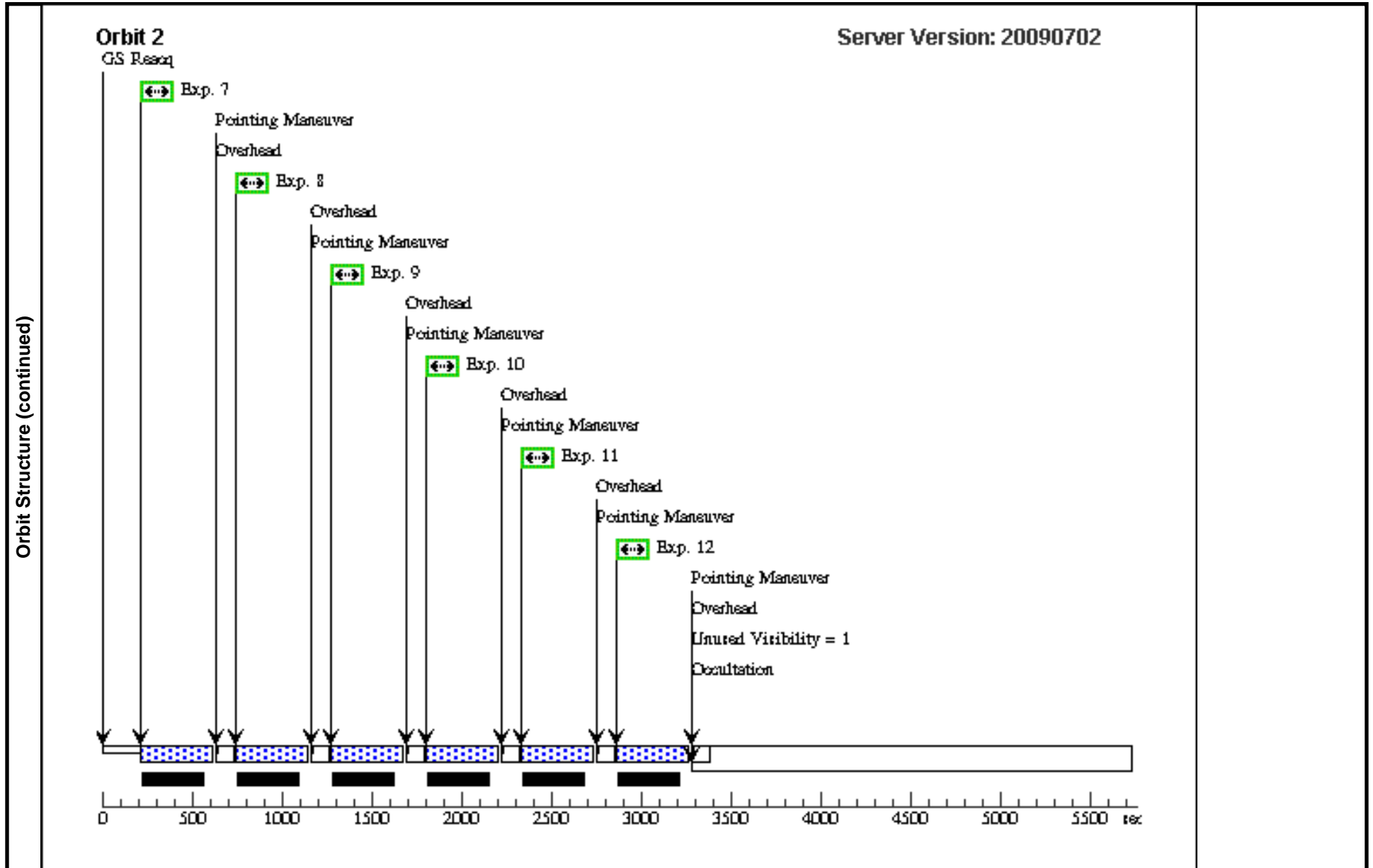
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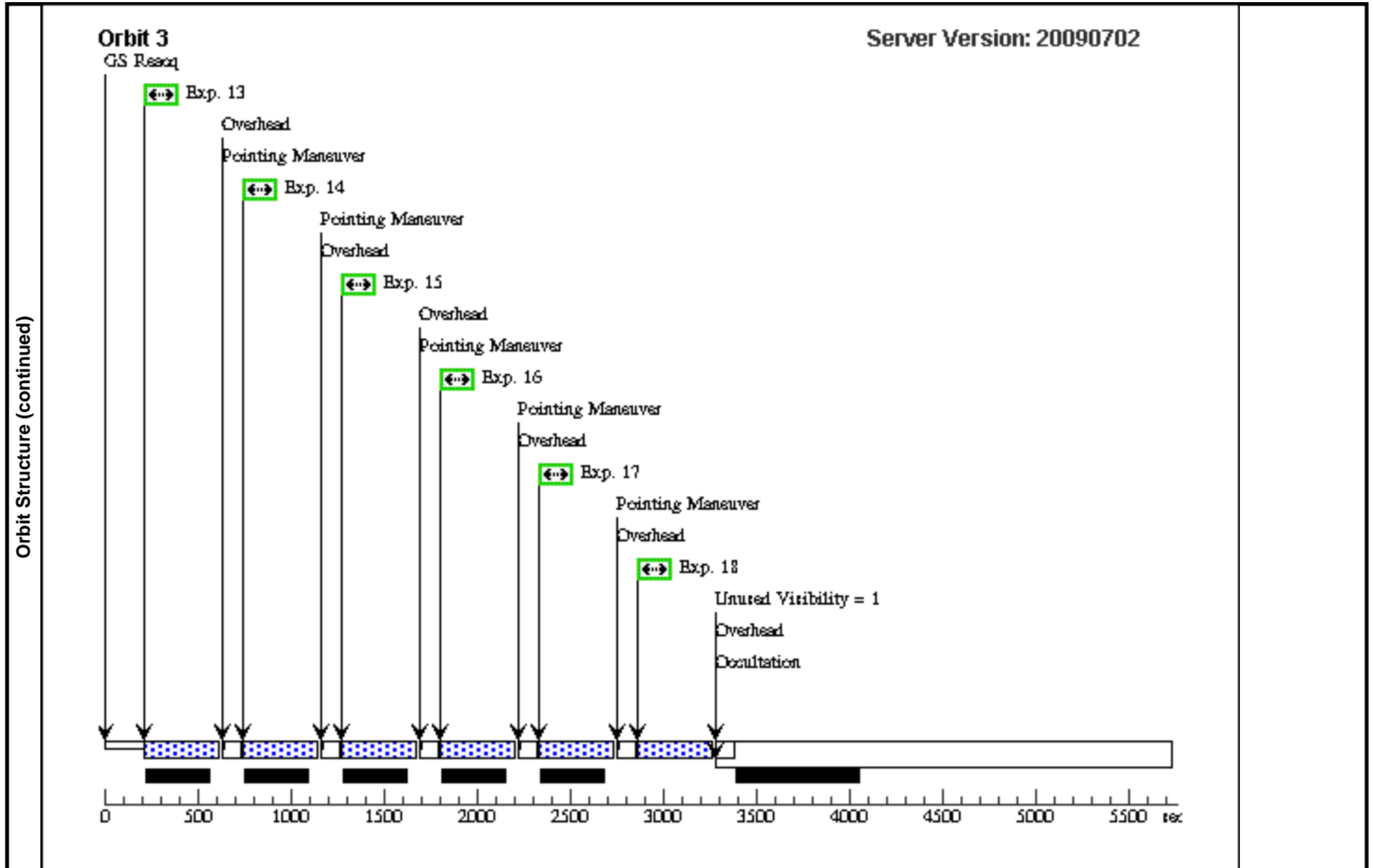
Visit	Proposal 11697, Visit 13, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(13)	CVNI-Q132821+333809	RA: 13 28 21.8500 (202.0910417d) Dec: +33 38 9.60 (33.63600d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=19.90	Reference Frame: ICRS				
	<i>Comments: The coordinates are for a QSO behind the dwarf spheroidal galaxy Canes Venatici I.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(13) CVNI-Q132821+333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.5511, -0.5897		380 Secs [=>383.0 Secs]	[1]
	2		(13) CVNI-Q132821+333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.4527, -0.5041		380 Secs [=>383.0 Secs]	[1]
	3		(13) CVNI-Q132821+333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3838, -0.4107		380 Secs [=>383.0 Secs]	[1]
	4		(13) CVNI-Q132821+333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2854, -0.3251		380 Secs [=>383.0 Secs]	[1]
	5		(13) CVNI-Q132821+333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2362, -0.2330		380 Secs [=>383.0 Secs]	[1]
	6		(13) CVNI-Q132821+333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1378, -0.1474		380 Secs [=>383.0 Secs]	[1]
	7		(13) CVNI-Q132821+333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0689, -0.0540		400 Secs [=>402.0 Secs]	[2]
	8		(13) CVNI-Q132821+333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0295,0.0316		400 Secs [=>402.0 Secs]	[2]
	9		(13) CVNI-Q132821+333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0787,0.0842		400 Secs [=>402.0 Secs]	[2]
	10		(13) CVNI-Q132821+333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1771,0.1698		400 Secs [=>402.0 Secs]	[2]
	11		(13) CVNI-Q132821+333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2460,0.2633		400 Secs [=>402.0 Secs]	[2]
	12		(13) CVNI-Q132821+333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3444,0.3489		400 Secs [=>402.0 Secs]	[2]
	13		(13) CVNI-Q132821+333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0.4410		400 Secs [=>402.0 Secs]	[3]
14		(13) CVNI-Q132821+333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0.5265		400 Secs [=>402.0 Secs]	[3]	

Proposal 11697 - Visit 13 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	15		(13) CVNI-Q132821 +333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.5610,0 .6200		400 Secs [==>402.0 Secs]	[3]
	16		(13) CVNI-Q132821 +333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.6594,0 .7056		400 Secs [==>402.0 Secs]	[3]
	17		(13) CVNI-Q132821 +333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.7086,0 .7582		400 Secs [==>402.0 Secs]	[3]
	18		(13) CVNI-Q132821 +333809	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.8070,0 .8438		400 Secs [==>402.0 Secs]	[3]







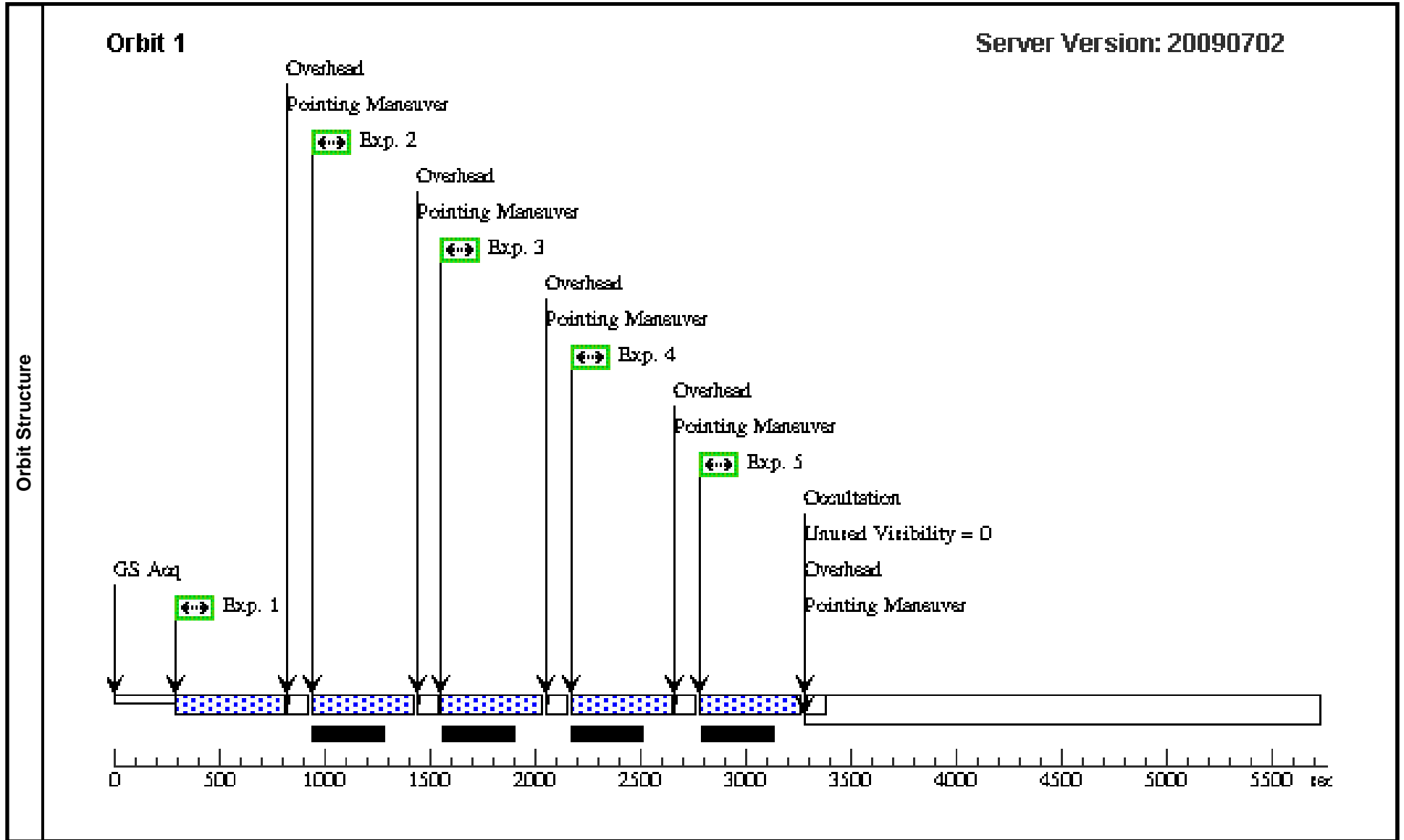
Proposal 11697 - Visit 14 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

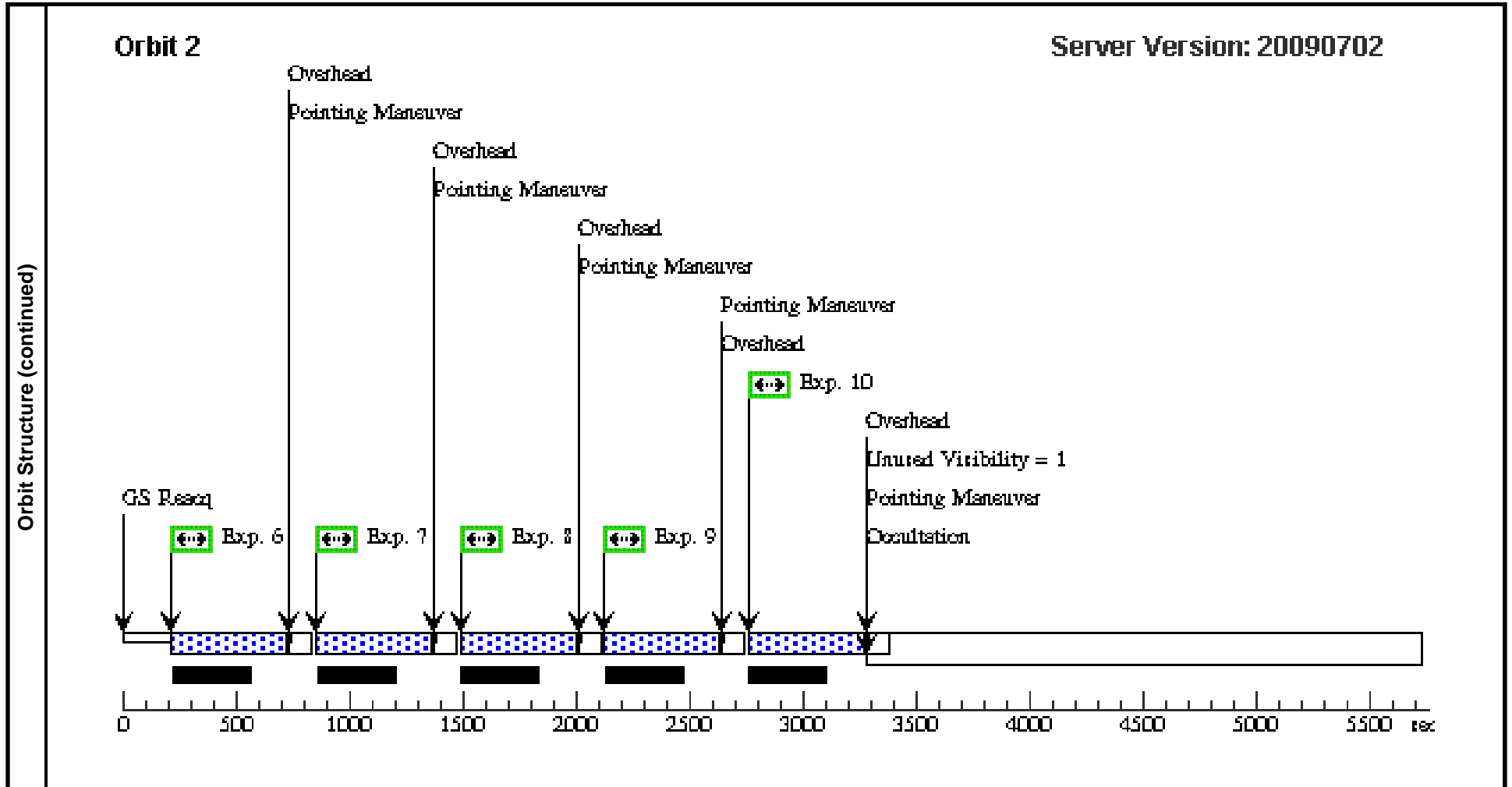
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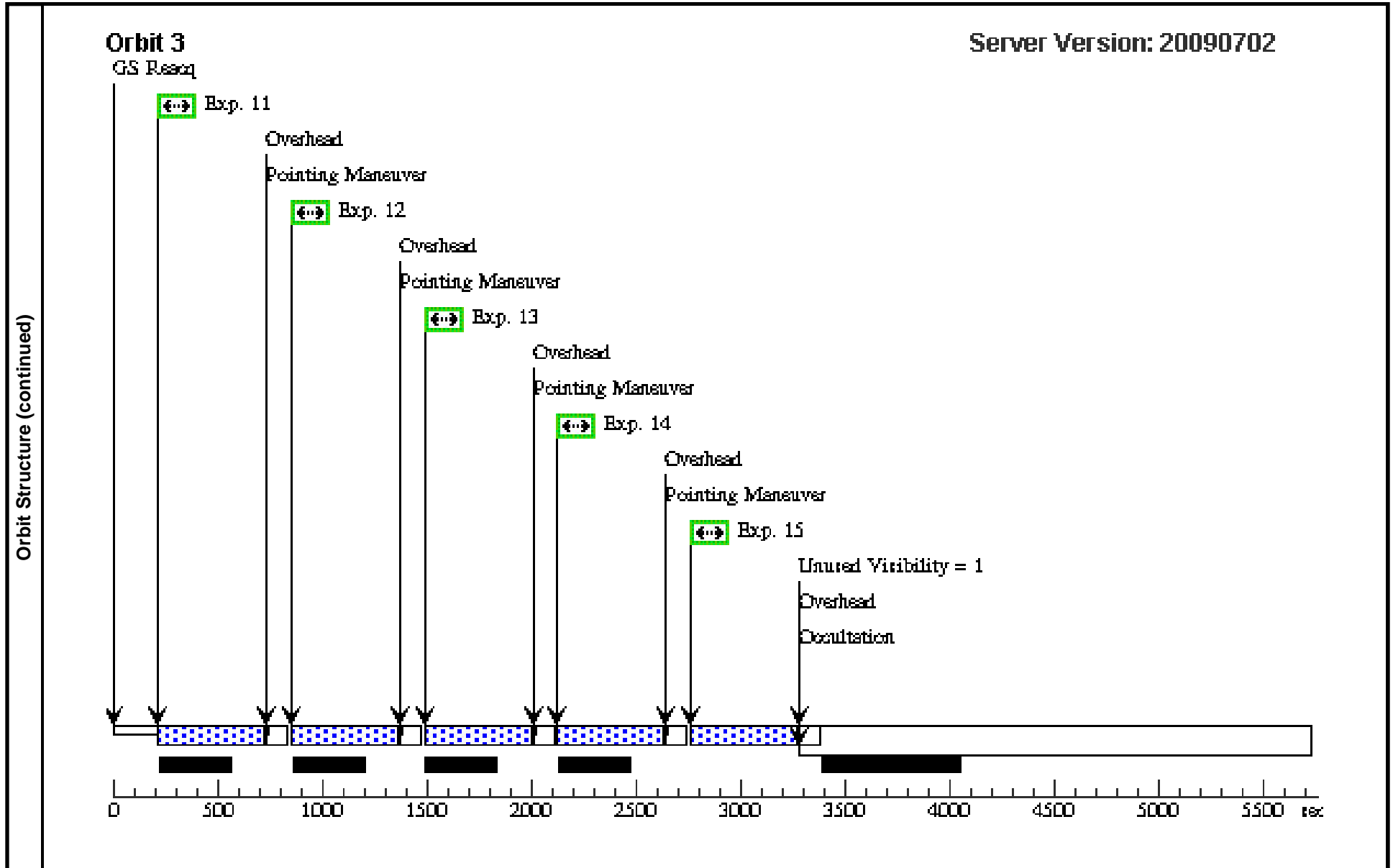
Visit	Proposal 11697, Visit 14, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(14)	CVNI-Q132830+333553	RA: 13 28 30.1800 (202.1257500d) Dec: +33 35 53.60 (33.59822d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=20.31	Reference Frame: ICRS				
	<i>Comments: The coordinates are for a QSO behind the dwarf spheroidal galaxy Canes Venatici I.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(14) CVNI-Q132830+333553	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.5511, -0.5897		480 Secs [=>486.0 Secs]	[1]
	2		(14) CVNI-Q132830+333553	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.4527, -0.5041		480 Secs [=>486.0 Secs]	[1]
	3		(14) CVNI-Q132830+333553	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3838, -0.4107		480 Secs [=>486.0 Secs]	[1]
	4		(14) CVNI-Q132830+333553	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2854, -0.3251		480 Secs [=>486.0 Secs]	[1]
	5		(14) CVNI-Q132830+333553	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2362, -0.2330		480 Secs [=>486.0 Secs]	[1]
	6		(14) CVNI-Q132830+333553	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1378, -0.1474		500 Secs [=>508.0 Secs]	[2]
	7		(14) CVNI-Q132830+333553	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0689, -0.0540		500 Secs [=>508.0 Secs]	[2]
	8		(14) CVNI-Q132830+333553	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0295,0 .0316		500 Secs [=>508.0 Secs]	[2]
	9		(14) CVNI-Q132830+333553	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0787,0 .0842		500 Secs [=>508.0 Secs]	[2]
	10		(14) CVNI-Q132830+333553	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1771,0 .1698		500 Secs [=>508.0 Secs]	[2]
	11		(14) CVNI-Q132830+333553	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2460,0 .2633		500 Secs [=>508.0 Secs]	[3]
	12		(14) CVNI-Q132830+333553	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3444,0 .3489		500 Secs [=>508.0 Secs]	[3]
	13		(14) CVNI-Q132830+333553	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0 .4410		500 Secs [=>508.0 Secs]	[3]
14		(14) CVNI-Q132830+333553	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0 .5265		500 Secs [=>508.0 Secs]	[3]	

Proposal 11697 - Visit 14 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	15		(14) CVNI-Q132830 +333553	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.5610,0 .6200	500 Secs <i>[==>508.0 Secs]</i>		<i>[3]</i>



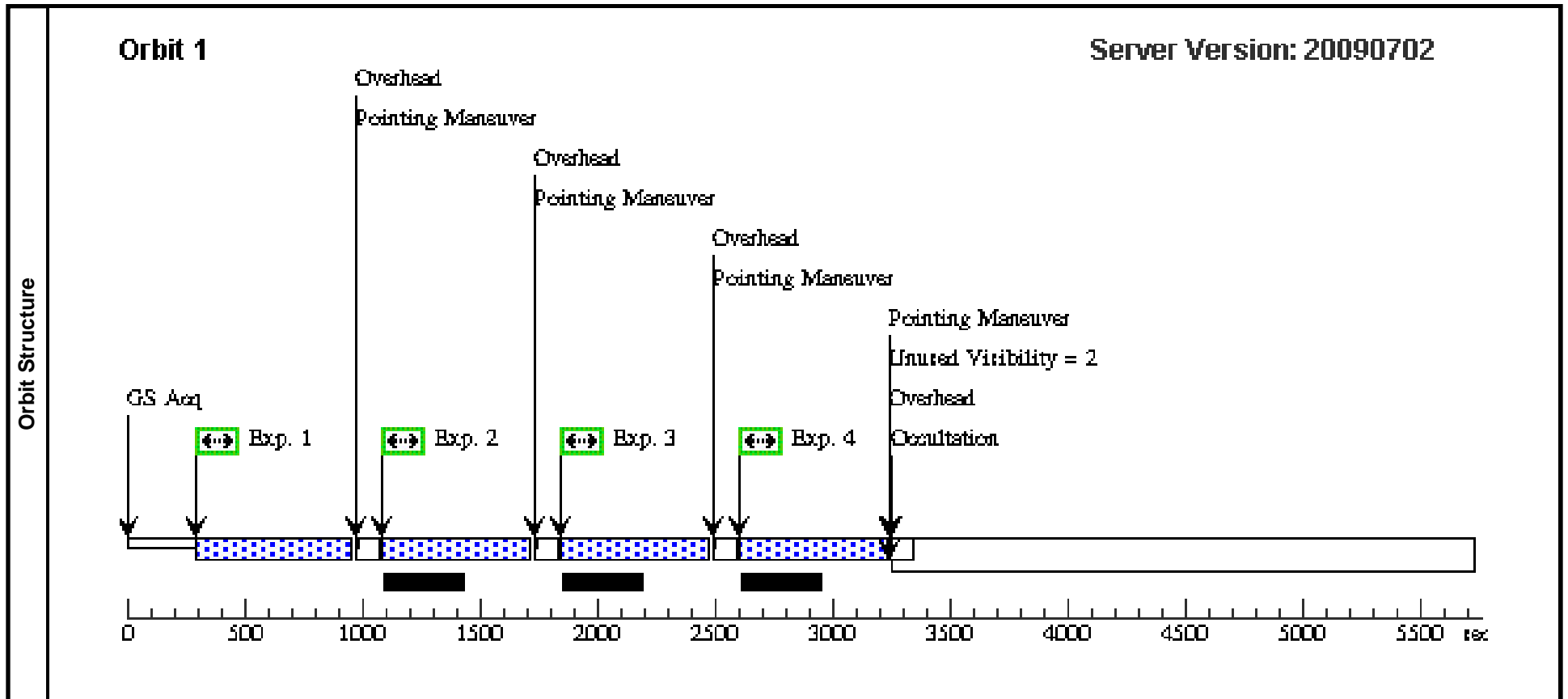


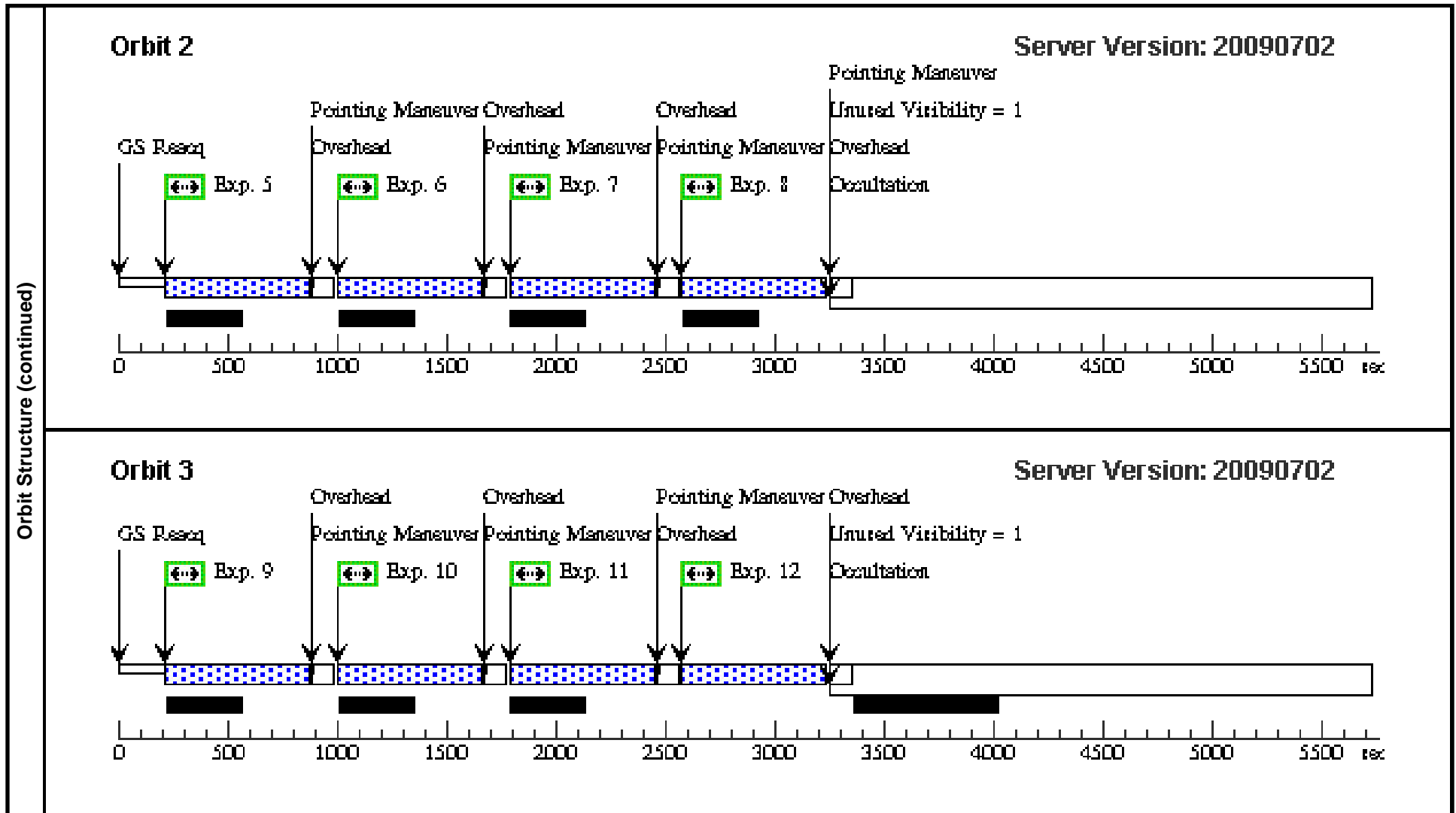


Proposal 11697 - Visit 15 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Fri Oct 02 01:04:31 GMT 2009

Visit	Proposal 11697, Visit 15, implementation									
	Diagnostic Status: No Diagnostics									
Fixed Targets	Scientific Instruments: WFC3/UVIS									
	Special Requirements: (none)									
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(15)	BOOI-Q135959+143633	RA: 13 59 59.7100 (209.9987917d) Dec: +14 36 33.20 (14.60922d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=20.60	Reference Frame: ICRS				
<i>Comments: The coordinates are for a QSO behind the dwarf spheroidal galaxy Bootes I.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(15) BOOI-Q135959+143633	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3740, -0.4002		550 Secs [=>631.0 Secs]	[1]
	2		(15) BOOI-Q135959+143633	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2952, -0.3357		550 Secs [=>631.0 Secs]	[1]
	3		(15) BOOI-Q135959+143633	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2263, -0.2422		550 Secs [=>631.0 Secs]	[1]
	4		(15) BOOI-Q135959+143633	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1279, -0.1566		550 Secs [=>631.0 Secs]	[1]
	5		(15) BOOI-Q135959+143633	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0787, -0.0645		550 Secs [=>659.0 Secs]	[2]
	6		(15) BOOI-Q135959+143633	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO			550 Secs [=>659.0 Secs]	[2]
	7		(15) BOOI-Q135959+143633	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0886,0.1145		550 Secs [=>659.0 Secs]	[2]
	8		(15) BOOI-Q135959+143633	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1870,0.2001		550 Secs [=>659.0 Secs]	[2]
	9		(15) BOOI-Q135959+143633	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2362,0.2527		550 Secs [=>659.0 Secs]	[3]
	10		(15) BOOI-Q135959+143633	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3346,0.3383		550 Secs [=>659.0 Secs]	[3]
	11		(15) BOOI-Q135959+143633	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0.4410		550 Secs [=>659.0 Secs]	[3]
	12		(15) BOOI-Q135959+143633	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0.5265		550 Secs [=>659.0 Secs]	[3]





Proposal 11697 - Visit 16 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Fri Oct 02 01:04:31 GMT 2009

Visit	Proposal 11697, Visit 16, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(16)	BOOI-Q140032+142327	RA: 14 00 32.1800 (210.1340833d) Dec: +14 23 27.30 (14.39092d) Equinox: J2000	Proper Motion RA: 0s/yr Proper Motion Dec: 0"/yr Epoch of Position:	V=20.05	Reference Frame: ICRS				
	<i>Comments: The coordinates are for a QSO behind the dwarf spheroidal galaxy Bootes I.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(16) BOOI-Q140032+142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.5511,-0.5897		380 Secs [=>378.0 Secs]	[1]
	2		(16) BOOI-Q140032+142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.4527,-0.5041		380 Secs [=>378.0 Secs]	[1]
	3		(16) BOOI-Q140032+142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.3838,-0.4107		380 Secs [=>378.0 Secs]	[1]
	4		(16) BOOI-Q140032+142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2854,-0.3251		380 Secs [=>378.0 Secs]	[1]
	5		(16) BOOI-Q140032+142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.2362,-0.2330		380 Secs [=>378.0 Secs]	[1]
	6		(16) BOOI-Q140032+142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.1378,-0.1474		380 Secs [=>378.0 Secs]	[1]
	7		(16) BOOI-Q140032+142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG -0.0689,-0.0540		400 Secs [=>396.0 Secs]	[2]
	8		(16) BOOI-Q140032+142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0295,0.0316		400 Secs [=>396.0 Secs]	[2]
	9		(16) BOOI-Q140032+142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.0787,0.0842		400 Secs [=>396.0 Secs]	[2]
	10		(16) BOOI-Q140032+142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.1771,0.1698		400 Secs [=>396.0 Secs]	[2]
	11		(16) BOOI-Q140032+142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.2460,0.2633		400 Secs [=>396.0 Secs]	[2]
	12		(16) BOOI-Q140032+142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3444,0.3489		400 Secs [=>396.0 Secs]	[2]
	13		(16) BOOI-Q140032+142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.3936,0.4410		400 Secs [=>396.0 Secs]	[3]
14		(16) BOOI-Q140032+142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.4921,0.5265		400 Secs [=>396.0 Secs]	[3]	

Proposal 11697 - Visit 16 - Proper Motion Survey of Classical and SDSS Local Group Dwarf Galaxies

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	15		(16) BOOI-Q140032 +142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.5610,0 .6200		400 Secs [==>396.0 Secs]	[3]
	16		(16) BOOI-Q140032 +142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.6594,0 .7056		400 Secs [==>396.0 Secs]	[3]
	17		(16) BOOI-Q140032 +142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.7086,0 .7582		400 Secs [==>396.0 Secs]	[3]
	18		(16) BOOI-Q140032 +142327	WFC3/UVIS, ACCUM, UVIS1-FIX	F350LP	CR-SPLIT=NO	POS TARG 0.8070,0 .8438		400 Secs [==>396.0 Secs]	[3]

