



11730 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Distance

Cycle: 17, Proposal Category: SNAP

(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) QSO-054750-672802	WFC3/UVIS	1	30-Jun-2009 22:50:31.0	yes
02	(2) QSO-044611-720509	WFC3/UVIS	1	30-Jun-2009 22:50:36.0	yes
03	(3) QSO-051628-683702	WFC3/UVIS	1	30-Jun-2009 22:50:38.0	yes
04	(4) QSO-051636-663436	WFC3/UVIS	1	30-Jun-2009 22:50:41.0	yes
05	(5) QSO-051536-705401	WFC3/UVIS	1	30-Jun-2009 22:50:44.0	yes
06	(6) QSO-060234-683041	WFC3/UVIS	1	30-Jun-2009 22:50:46.0	yes
07	(7) QSO-051626-694819	WFC3/UVIS	1	30-Jun-2009 22:50:49.0	yes
08	(8) QSO-053009-660701	WFC3/UVIS	1	30-Jun-2009 22:50:51.0	yes

Proposal 11730 (STScI Edit Number: 0, Created: Tuesday, June 30, 2009 9:52:04 PM EST) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
09	(9) QSO-050054-664401	WFC3/UVIS	1	30-Jun-2009 22:50:54.0	yes
10	(10) QSO-051522-705806	WFC3/UVIS	1	30-Jun-2009 22:50:56.0	yes
11	(11) QSO-045356-694035	WFC3/UVIS	1	30-Jun-2009 22:50:59.0	yes
12	(12) QSO-054941-694415	WFC3/UVIS	1	30-Jun-2009 22:51:01.0	yes
13	(13) QSO-005116-721651	WFC3/UVIS	1	30-Jun-2009 22:51:03.0	yes
14	(14) QSO-005534-722834	WFC3/UVIS	1	30-Jun-2009 22:51:06.0	yes
15	(15) QSO-010214-731626	WFC3/UVIS	1	30-Jun-2009 22:51:08.0	yes
16	(16) QSO-003639-722742	WFC3/UVIS	1	30-Jun-2009 22:51:10.0	yes
17	(17) QSO-011141-724947	WFC3/UVIS	1	30-Jun-2009 22:51:12.0	yes
18	(18) QSO-055722-671322	WFC3/UVIS	1	30-Jun-2009 22:51:15.0	yes
19	(19) QSO-050146-673241	WFC3/UVIS	1	30-Jun-2009 22:51:17.0	yes
20	(20) QSO-052056-702452	WFC3/UVIS	1	30-Jun-2009 22:51:19.0	yes
21	(21) QSO-052402-701108	WFC3/UVIS	1	30-Jun-2009 22:51:21.0	yes
22	(22) QSO-050634-691047	WFC3/UVIS	1	30-Jun-2009 22:51:24.0	yes
23	(23) QSO-050253-672546	WFC3/UVIS	1	30-Jun-2009 22:51:26.0	yes
24	(24) QSO-051412-702025	WFC3/UVIS	1	30-Jun-2009 22:51:28.0	yes
25	(25) QSO-050436-662417	WFC3/UVIS	1	30-Jun-2009 22:51:30.0	yes
26	(26) QSO-052514-655445	WFC3/UVIS	1	30-Jun-2009 22:51:32.0	yes
27	(27) QSO-050017-693216	WFC3/UVIS	1	30-Jun-2009 22:51:35.0	yes
28	(28) QSO-053026-664855	WFC3/UVIS	1	30-Jun-2009 22:51:37.0	yes
29	(29) QSO-053159-691951	WFC3/UVIS	1	30-Jun-2009 22:51:39.0	yes
30	(30) QSO-053131-712947	WFC3/UVIS	1	30-Jun-2009 22:51:41.0	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>
31	(31) QSO-045614-673910	WFC3/UVIS	1	30-Jun-2009 22:51:43.0	yes
32	(32) QSO-051504-714338	WFC3/UVIS	1	30-Jun-2009 22:51:45.0	yes
33	(33) QSO-010234-725422	WFC3/UVIS	1	30-Jun-2009 22:51:47.0	yes
34	(34) QSO-050854-673735	WFC3/UVIS	1	30-Jun-2009 22:51:49.0	yes
35	(35) QSO-051032-692716	WFC3/UVIS	1	30-Jun-2009 22:51:51.0	yes
36	(36) QSO-051717-704402	WFC3/UVIS	1	30-Jun-2009 22:51:53.0	yes
37	(37) QSO-051259-703024	WFC3/UVIS	1	30-Jun-2009 22:51:55.0	yes
38	(38) QSO-053007-671027	WFC3/UVIS	1	30-Jun-2009 22:51:57.0	yes
39	(39) QSO-051928-654950	WFC3/UVIS	1	30-Jun-2009 22:51:59.0	yes
40	(40) QSO-052056-653904	WFC3/UVIS	1	30-Jun-2009 22:52:01.0	yes

40 Total Orbits Used

ABSTRACT

In Cycles 11 and 13 we obtained two epochs of ACS/HRC data for fields in the Magellanic Clouds centered on background quasars. We used these data to determine the proper motions of the LMC and SMC to better than 5% and 15% respectively. The results had a number of unexpected implications for the Milky Way-LMC-SMC system and received considerable attention in the literature and in the press. The implied three-dimensional velocities are larger than previously believed and close to the escape velocity in a standard 10^{12} solar mass Milky Way dark halo. Our orbit calculations suggest the Clouds may not be bound to the Milky Way or may just be on their first passage, both of which are unexpected in view of traditional interpretations of the Magellanic Stream. Alternatively, the Milky Way dark halo may be a factor two more massive than previously believed, which would be surprising in view of other observational constraints. Also, the relative velocity between the LMC and SMC was larger than expected, leaving open the possibility that the Clouds may not be bound to each other. To further verify and refine our results we requested an additional epoch data in Cycle 16 which is being executed with WFPC2/PC due to the failure of ACS. A detailed analysis of one LMC field shows that the field proper motion using all three epochs of data is consistent within 1-sigma with the two-epoch data, thus verifying that there are no major

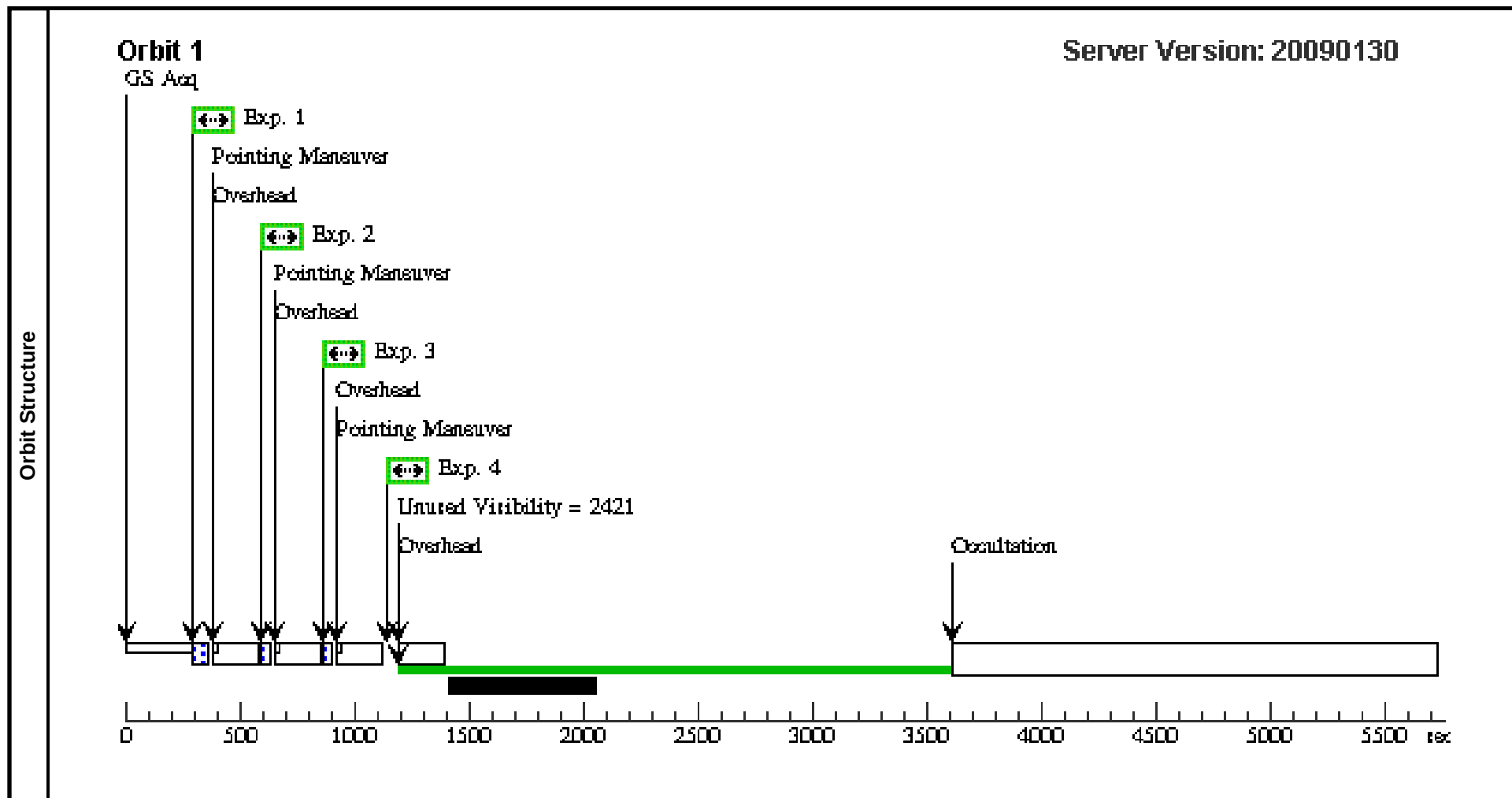
systematic effects in our previous measurements. The random errors, however, are only smaller by a factor of 1.4 because of the relatively large errors in the WFPC2 data. A prediction for a fourth epoch with measurement errors similar to epochs 1 and 2 shows that the uncertainties will improve by a factor of 3. This will allow us to better address whether the Clouds are indeed bound to each other and to the Milky Way. It will also allow us to constrain the internal motions of various populations within the Clouds, and to determine a distance to the LMC using rotational parallax. Continuation of this highly successful program is therefore likely to provide important additional insights. Execution in SNAPshot mode guarantees maximally efficient use of HST resources.

OBSERVING DESCRIPTION

We will use ACS/HRC with the V-band (F606W) filter and an eight-point dither pattern to image fields around 20 QSOs, and the WFC3/UVIS in the same filter with a four-point dither pattern to image the remaining 20. The eight ACS dither positions were made from a combination of the standard line and box HRC patterns. For the WFC3/UVIS we use a non-standard dither pattern specified through POS TARGETS to sample widely separated areas of the CCD in order to perform accurate astrometry. We also use the UVIS1-2k4 subarray to avoid buffer dumps because our SNAPSHOT program uses shorter exposures. The targets have been split evenly between ACS and WFC3 because both instruments provide both advantages and drawbacks to our program. This way we optimize our probability of reaching our proposed goals.

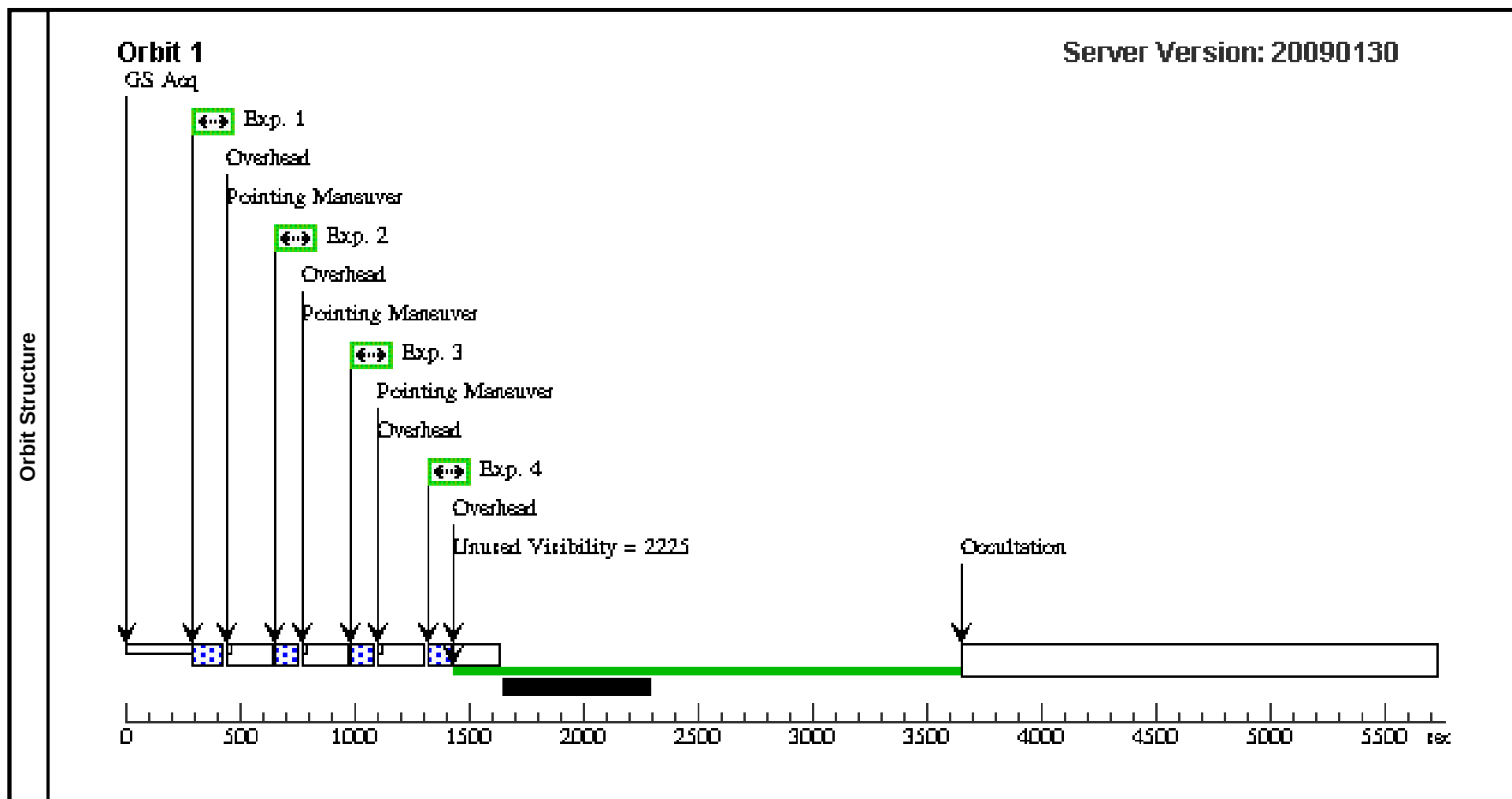
Proposal 11730 - Visit 01 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 01, implementation										Wed Jul 01 02:52:05 GMT 2009
	Diagnostic Status: No Diagnostics										
Fixed Targets	Scientific Instruments: WFC3/UVIS										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(1)	QSO-054750-672802	RA: 05 47 50.2000 (86.9591667d) Dec: -67 28 1.30 (-67.46703d) Equinox: J2000				V=16.4+/-0.2	Reference Frame: HST_IMAGE			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		(1) QSO-054750-672802	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		39 Secs [==>]		[1]
	2		(1) QSO-054750-672802	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		39 Secs [==>]		[1]
	3		(1) QSO-054750-672802	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		39 Secs [==>]		[1]
	4		(1) QSO-054750-672802	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		39 Secs [==>]		[1]



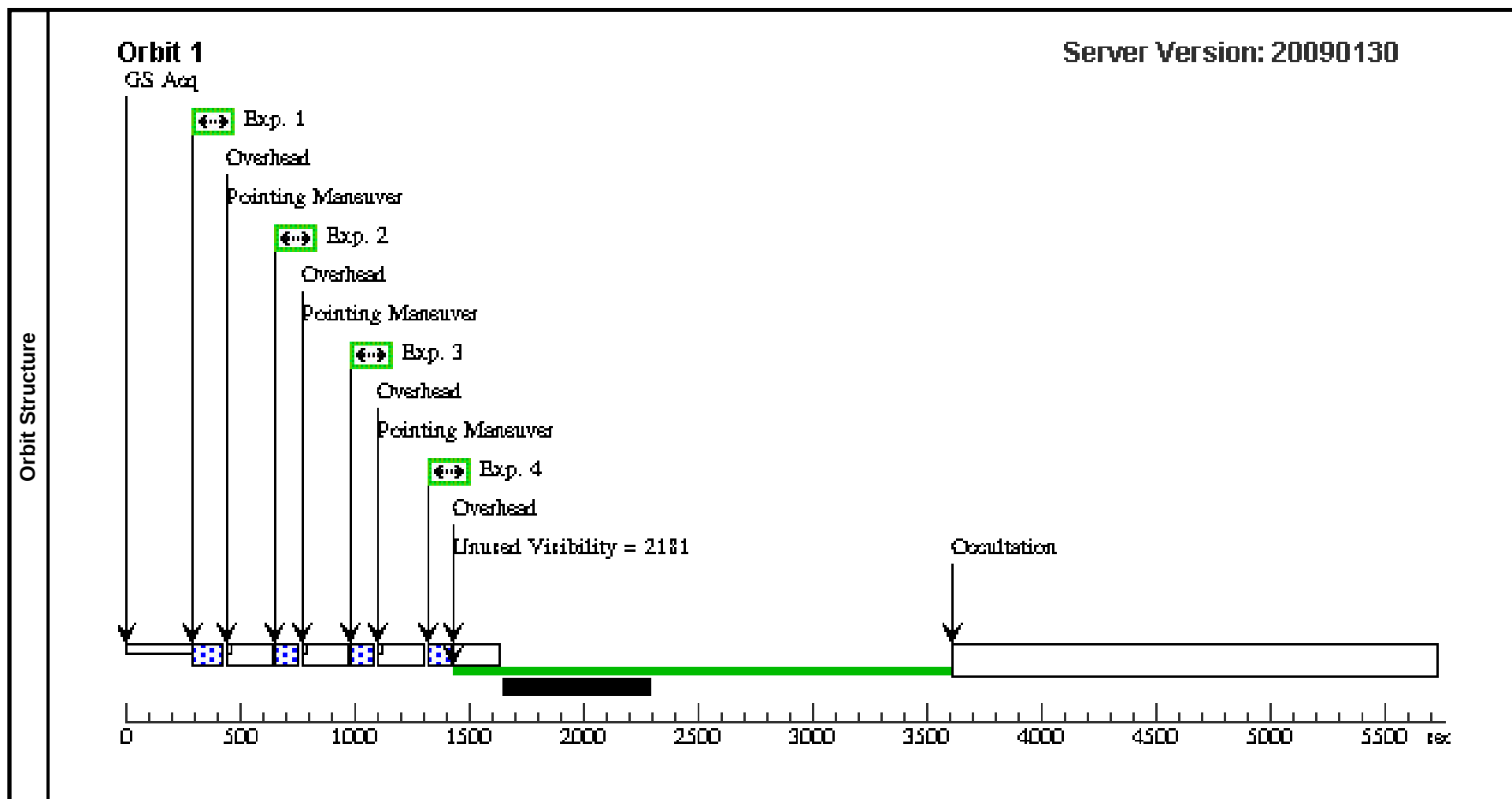
Proposal 11730 - Visit 02 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 02, implementation										Wed Jul 01 02:52:06 GMT 2009
	Diagnostic Status: No Diagnostics										
Fixed Targets	Scientific Instruments: WFC3/UVIS										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(2)	QSO-044611-720509	RA: 04 46 11.1000 (71.5462500d) Dec: -72 05 9.00 (-72.08583d) Equinox: J2000		V=17.4+/-0.2	Reference Frame: HST_IMAGE					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		(2) QSO-044611-720509	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		99 Secs [==>]		[1]
	2		(2) QSO-044611-720509	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		99 Secs [==>]		[1]
	3		(2) QSO-044611-720509	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		99 Secs [==>]		[1]
	4		(2) QSO-044611-720509	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		99 Secs [==>]		[1]



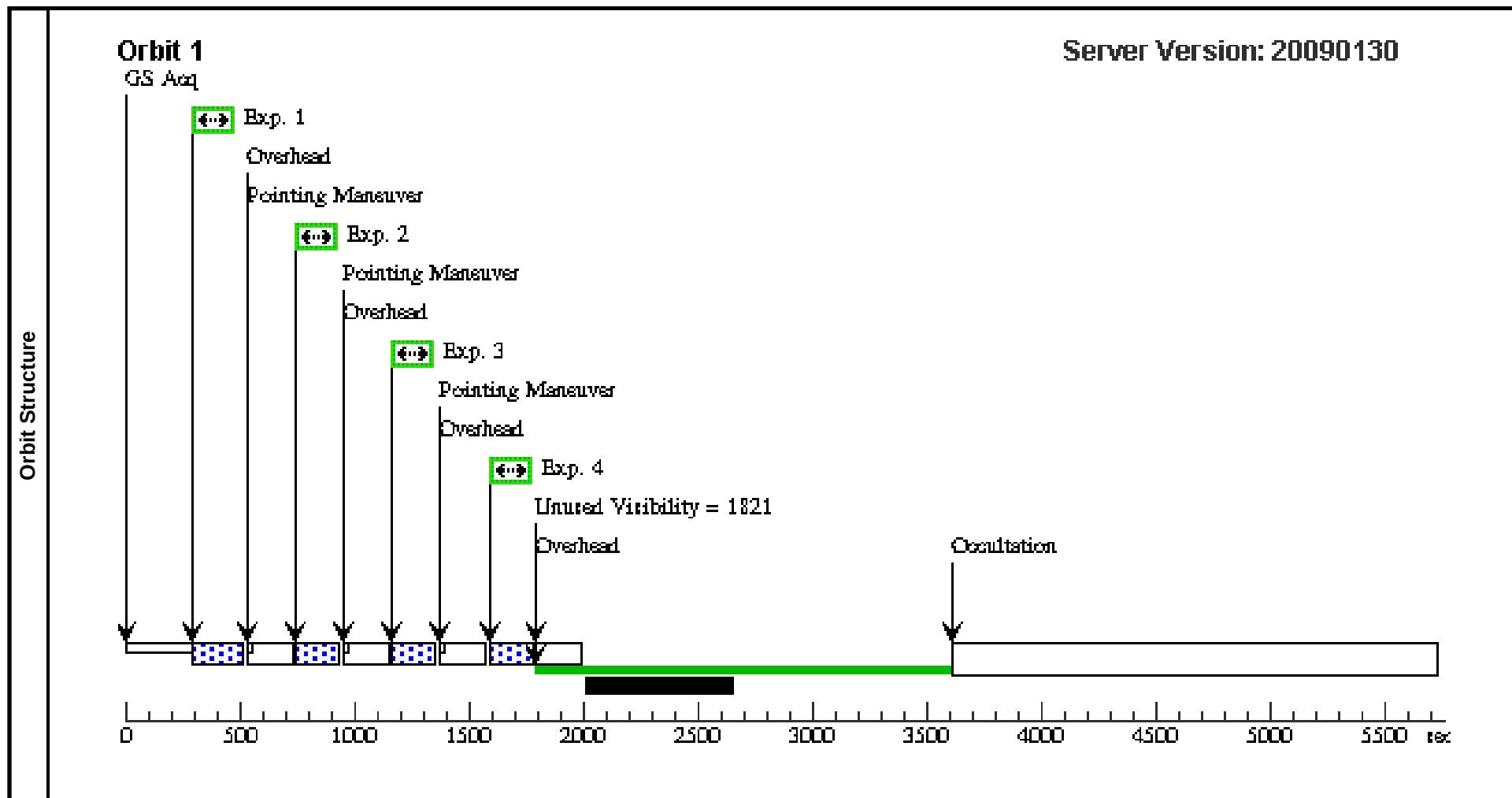
Proposal 11730 - Visit 03 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 03, implementation Wed Jul 01 02:52:06 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	QSO-051628-683702	RA: 05 16 28.9000 (79.1204167d) Dec: -68 37 1.80 (-68.61717d) Equinox: J2000			V=17.4+/-0.2		Reference Frame: HST_IMAGE		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) QSO-051628-683702	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		99 Secs [==>]	[1]
	2		(3) QSO-051628-683702	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		99 Secs [==>]	[1]
	3		(3) QSO-051628-683702	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		99 Secs [==>]	[1]
	4		(3) QSO-051628-683702	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		99 Secs [==>]	[1]



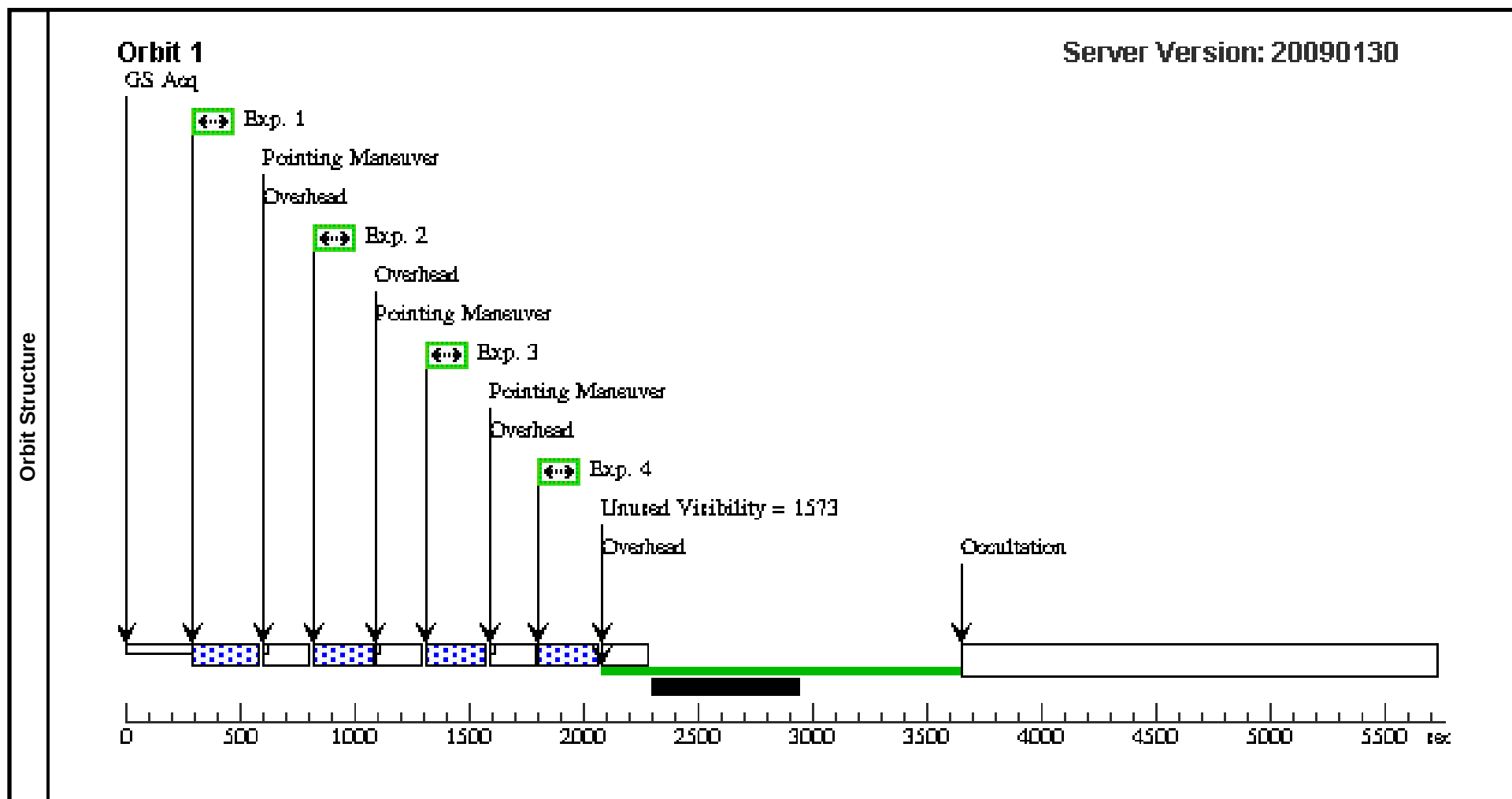
Proposal 11730 - Visit 04 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 04, implementation Wed Jul 01 02:52:06 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	QSO-051636-663436	RA: 05 16 36.8000 (79.1533333d) Dec: -66 34 35.80 (-66.57661d) Equinox: J2000		V=18.1+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) QSO-051636-663436	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		189 Secs [==>]	[1]
	2		(4) QSO-051636-663436	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		189 Secs [==>]	[1]
	3		(4) QSO-051636-663436	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		189 Secs [==>]	[1]
	4		(4) QSO-051636-663436	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		189 Secs [==>]	[1]



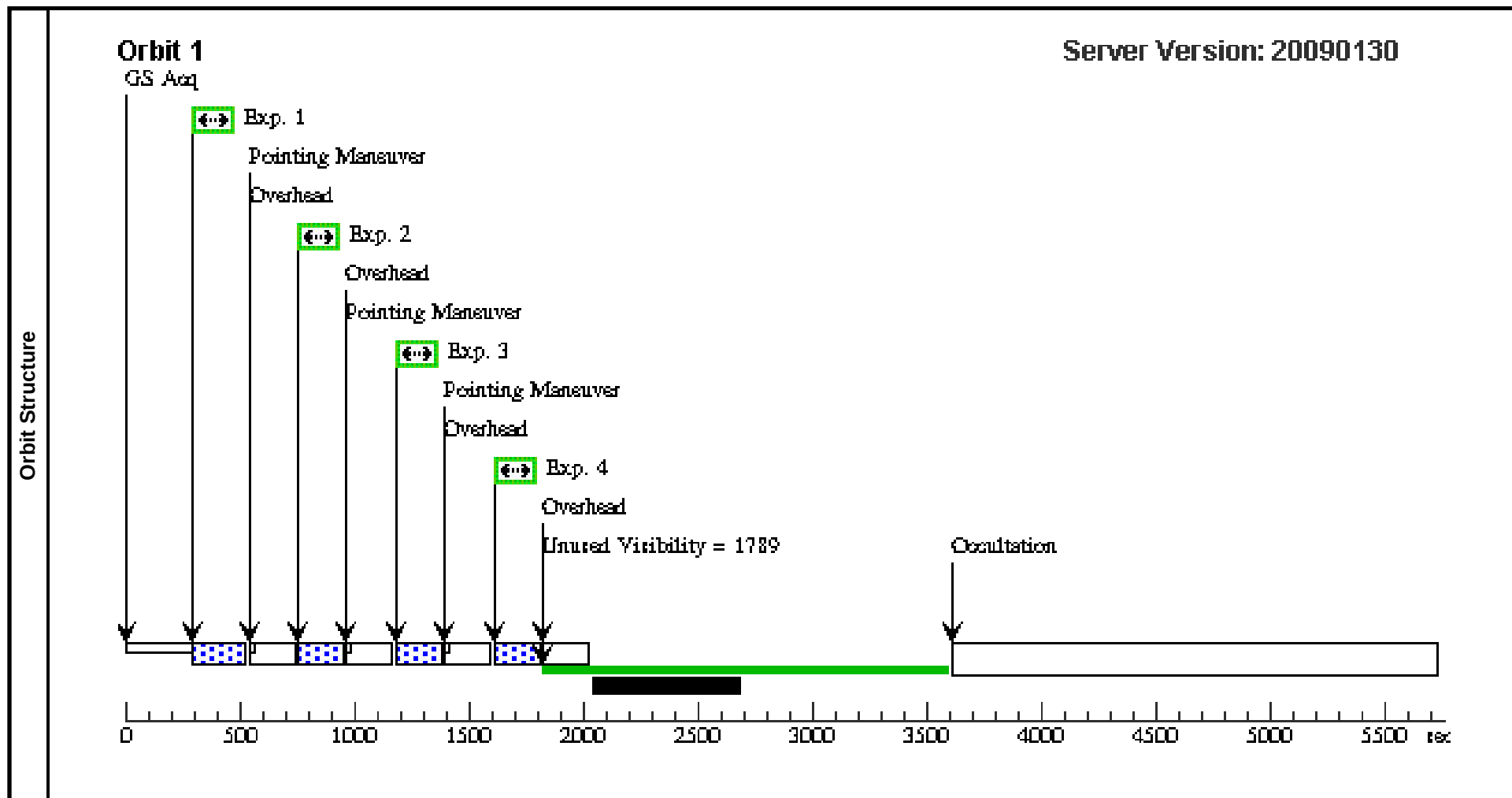
Proposal 11730 - Visit 05 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 05, implementation Wed Jul 01 02:52:07 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	QSO-051536-705401	RA: 05 15 36.1000 (78.9004167d) Dec: -70 54 0.80 (-70.90022d) Equinox: J2000		V=18.9+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) QSO-051536-705401	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [=>]	[1]
	2		(5) QSO-051536-705401	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [=>]	[1]
	3		(5) QSO-051536-705401	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [=>]	[1]
	4		(5) QSO-051536-705401	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [=>]	[1]



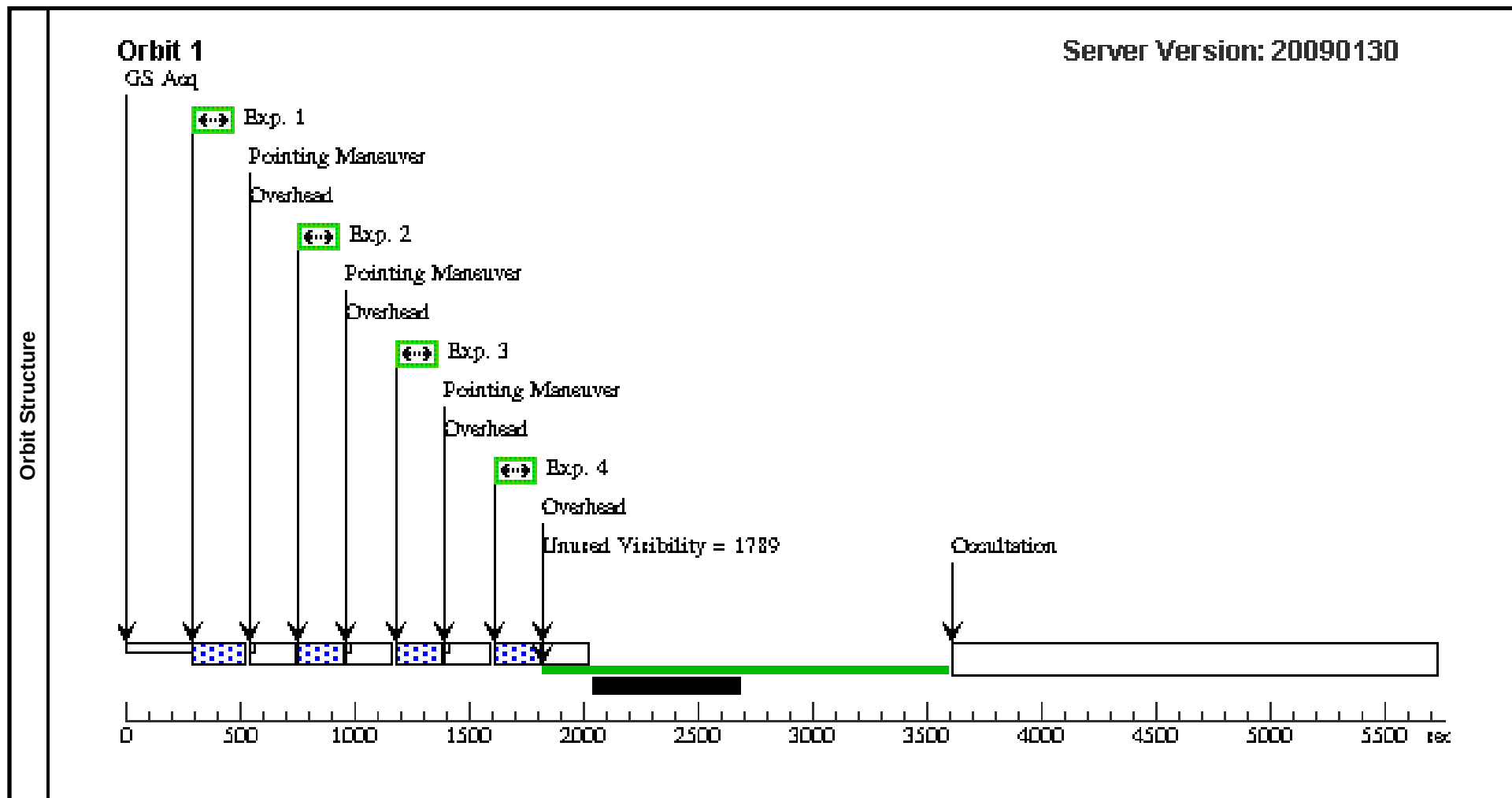
Proposal 11730 - Visit 06 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 06, implementation Wed Jul 01 02:52:07 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	QSO-060234-683041	RA: 06 02 34.3000 (90.6429167d) Dec: -68 30 41.10 (-68.51142d) Equinox: J2000			V=18.5+/-0.2		Reference Frame: HST_IMAGE		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(6) QSO-060234-683041	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		200 Secs [==>]	[1]
	2		(6) QSO-060234-683041	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		200 Secs [==>]	[1]
	3		(6) QSO-060234-683041	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		200 Secs [==>]	[1]
	4		(6) QSO-060234-683041	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		200 Secs [==>]	[1]



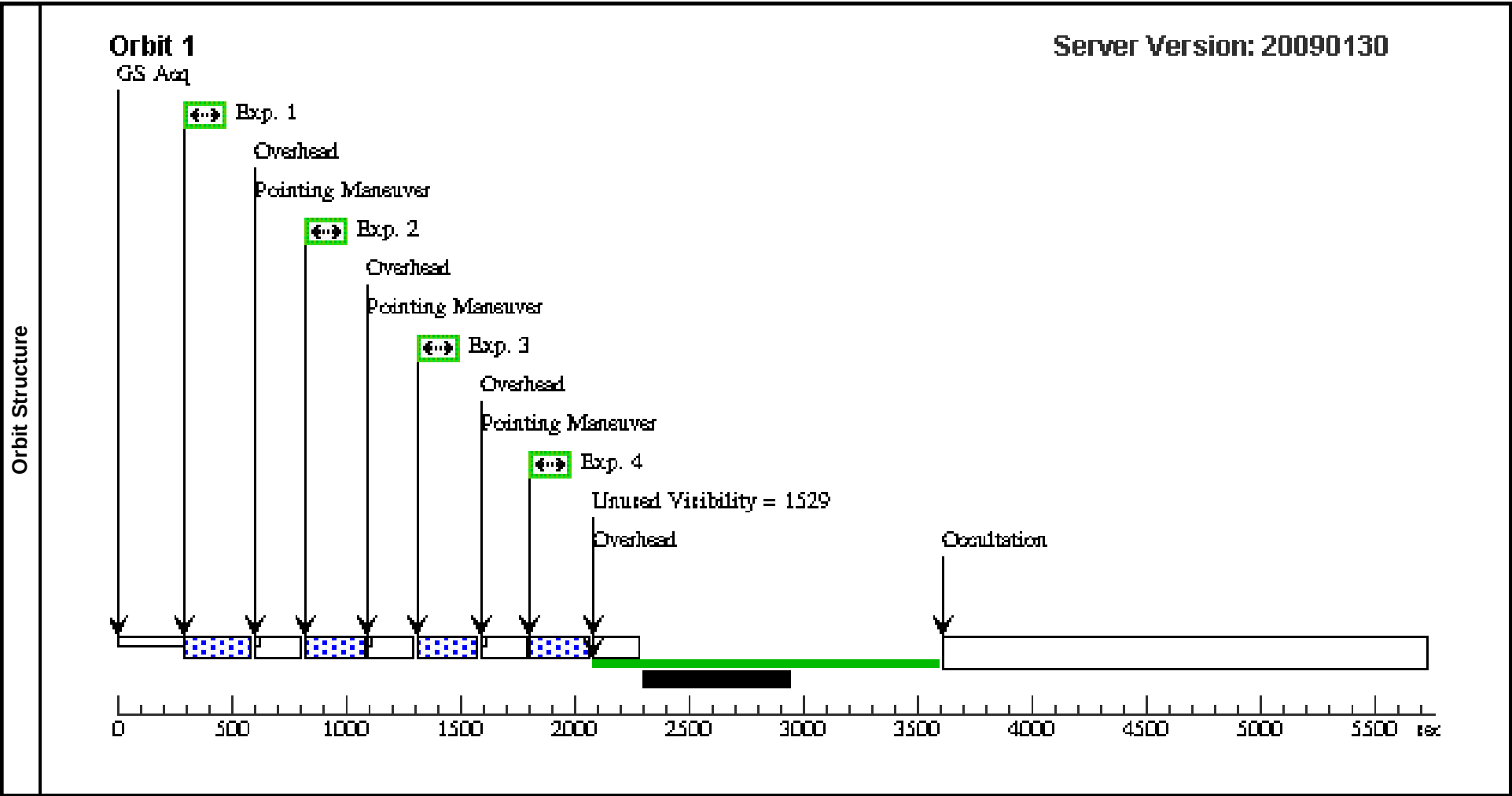
Proposal 11730 - Visit 07 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 07, implementation Wed Jul 01 02:52:07 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	QSO-051626-694819	RA: 05 16 26.3000 (79.1095833d) Dec: -69 48 19.00 (-69.80528d) Equinox: J2000		V=18.5+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(7) QSO-051626-694819	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		200 Secs [==>]	[1]
	2		(7) QSO-051626-694819	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		200 Secs [==>]	[1]
	3		(7) QSO-051626-694819	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		200 Secs [==>]	[1]
	4		(7) QSO-051626-694819	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		200 Secs [==>]	[1]



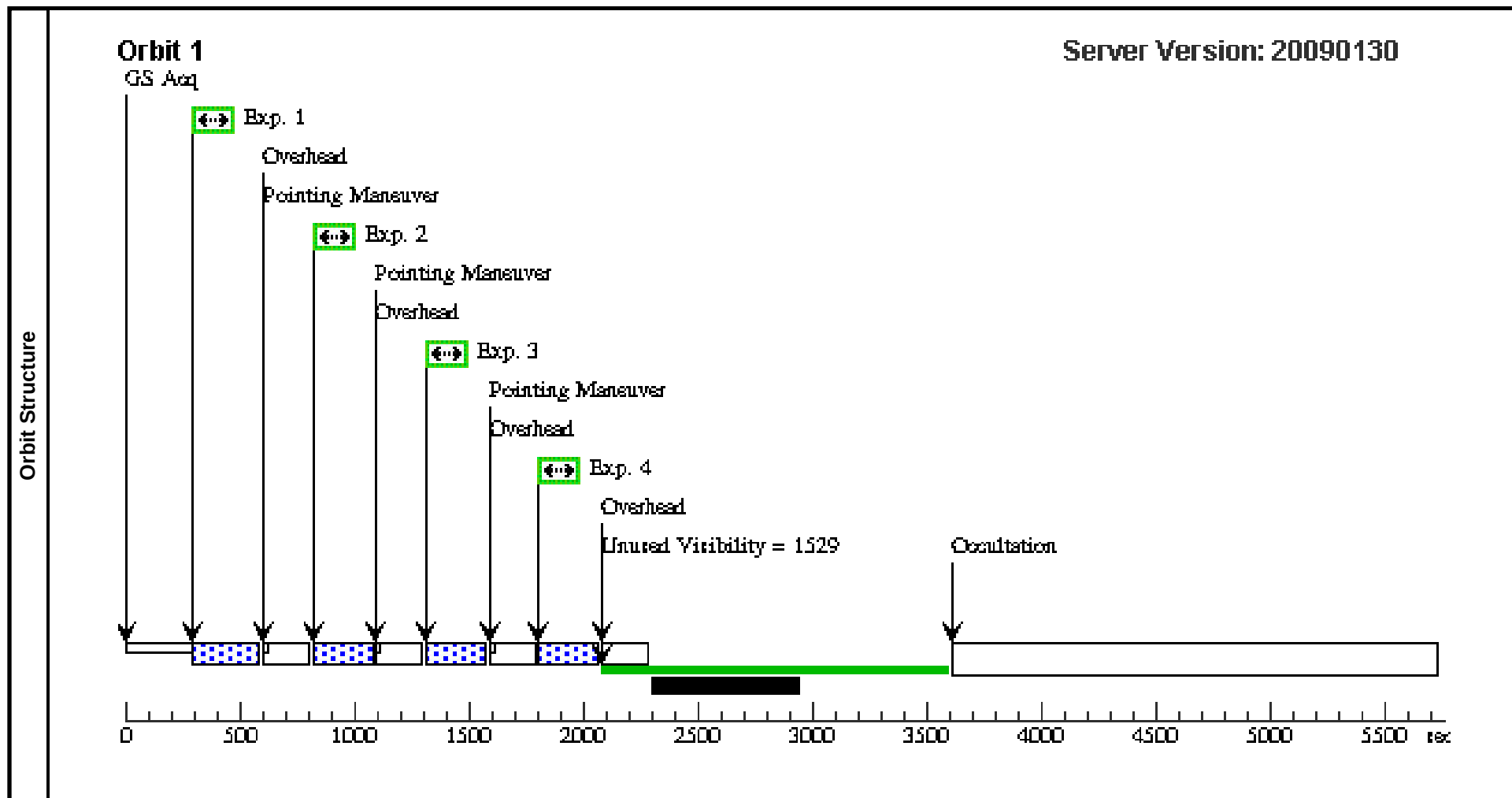
Proposal 11730 - Visit 08 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 08, implementation Wed Jul 01 02:52:07 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(8)	QSO-053009-660701	RA: 05 30 9.1000 (82.5379167d) Dec: -66 07 0.90 (-66.11692d) Equinox: J2000		V=19.2+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(8) QSO-053009-660701	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs	
									[=>]	[1]
	2		(8) QSO-053009-660701	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs	
									[=>]	[1]
	3		(8) QSO-053009-660701	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs	
									[=>]	[1]
	4		(8) QSO-053009-660701	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs	
									[=>]	[1]



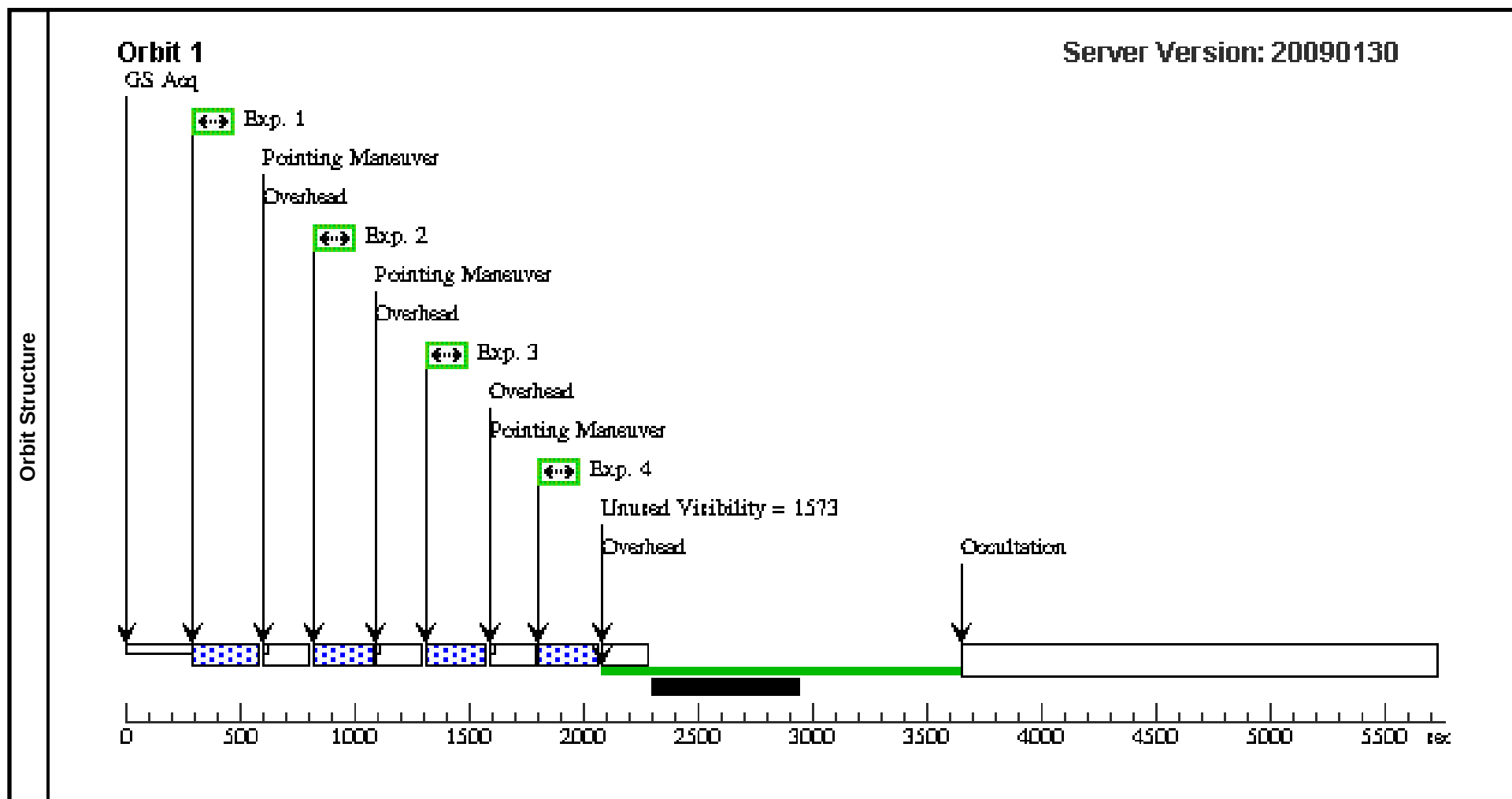
Proposal 11730 - Visit 09 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 09, implementation Wed Jul 01 02:52:08 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	QSO-050054-664401	RA: 05 00 54.0000 (75.2250000d) Dec: -66 43 59.80 (-66.73328d) Equinox: J2000		V=19.0+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(9) QSO-050054-664401	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [=>]	[1]
	2		(9) QSO-050054-664401	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [=>]	[1]
	3		(9) QSO-050054-664401	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [=>]	[1]
	4		(9) QSO-050054-664401	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [=>]	[1]



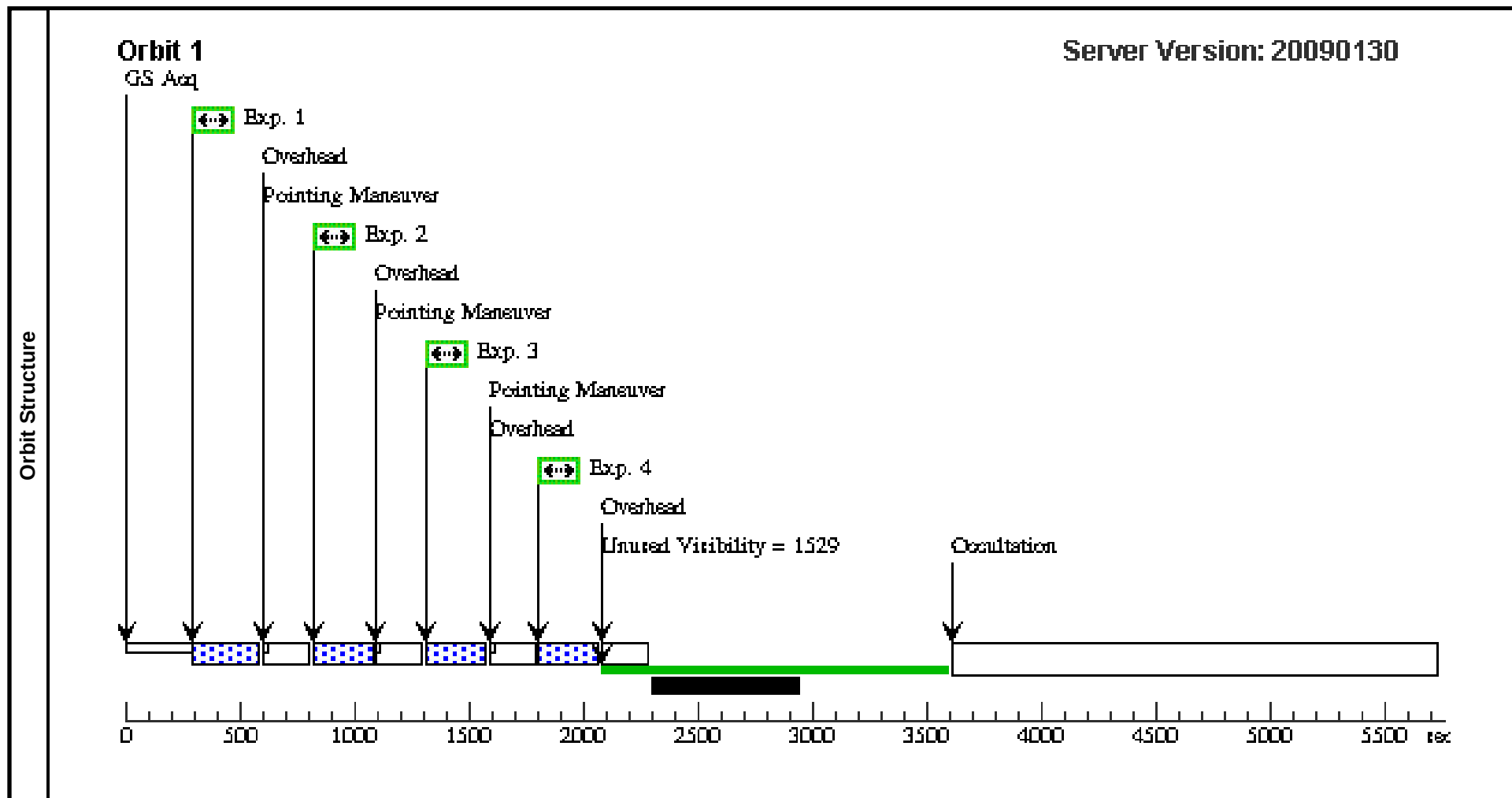
Proposal 11730 - Visit 10 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 10, implementation Wed Jul 01 02:52:08 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	QSO-051522-705806	RA: 05 15 22.8000 (78.8450000d) Dec: -70 58 6.00 (-70.96833d) Equinox: J2000		V=18.8+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(10) QSO-051522-705806	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [=>]	[1]
	2		(10) QSO-051522-705806	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [=>]	[1]
	3		(10) QSO-051522-705806	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [=>]	[1]
	4		(10) QSO-051522-705806	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [=>]	[1]



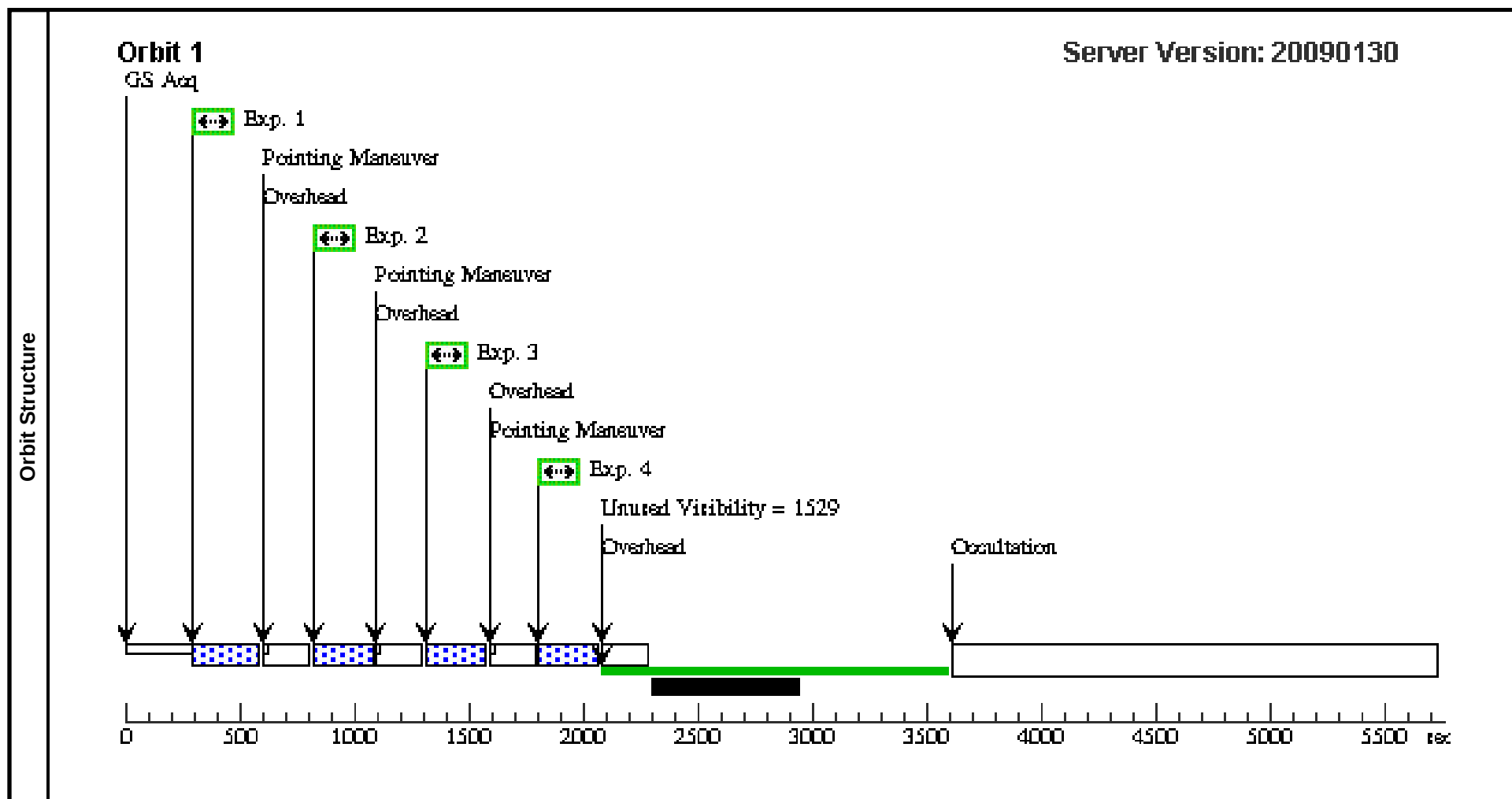
Proposal 11730 - Visit 11 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 11, implementation Wed Jul 01 02:52:09 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	QSO-045356-694035	RA: 04 53 56.5000 (73.4854167d) Dec: -69 40 35.40 (-69.67650d) Equinox: J2000		V=18.9+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) QSO-045356-694035	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [=>]	[1]
	2		(11) QSO-045356-694035	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [=>]	[1]
	3		(11) QSO-045356-694035	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [=>]	[1]
	4		(11) QSO-045356-694035	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [=>]	[1]



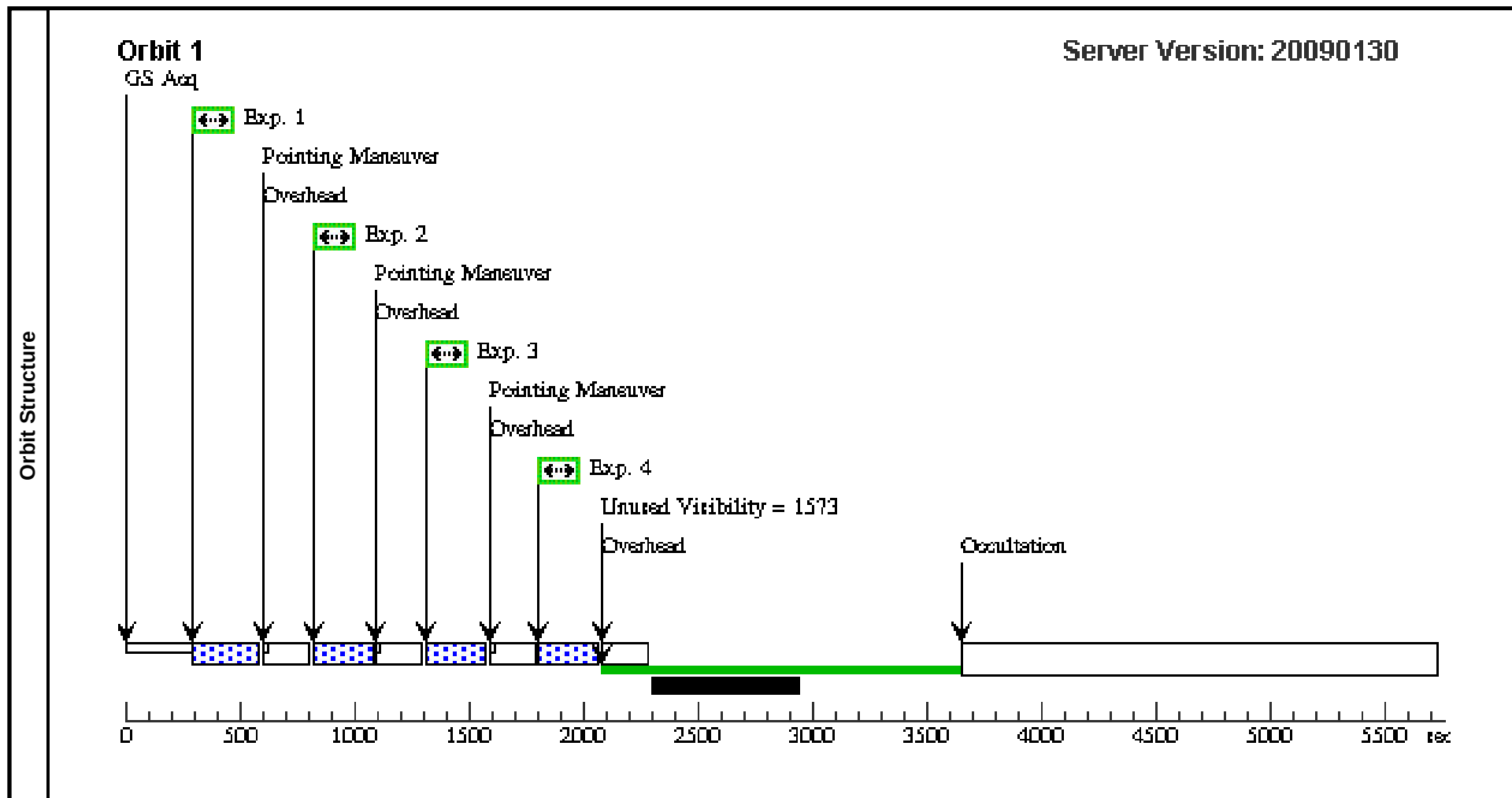
Proposal 11730 - Visit 12 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 12, implementation Wed Jul 01 02:52:09 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(12)	QSO-054941-694415	RA: 05 49 41.6000 (87.4233333d) Dec: -69 44 15.10 (-69.73753d) Equinox: J2000			V=19.7+/-0.2		Reference Frame: HST_IMAGE		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(12) QSO-054941-694415	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [=>]	[1]
	2		(12) QSO-054941-694415	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [=>]	[1]
	3		(12) QSO-054941-694415	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [=>]	[1]
	4		(12) QSO-054941-694415	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [=>]	[1]



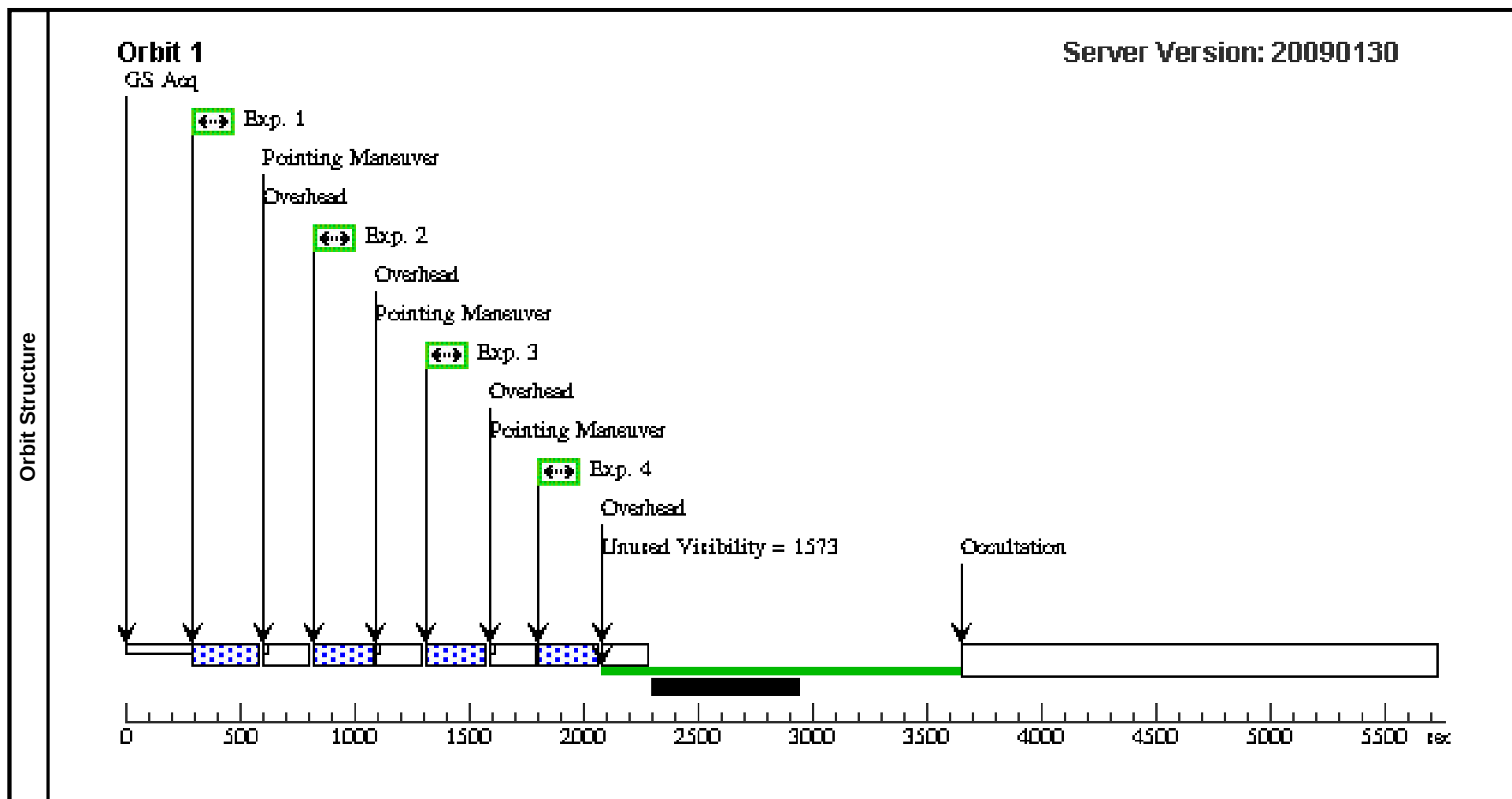
Proposal 11730 - Visit 13 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 13, implementation Wed Jul 01 02:52:09 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(13)	QSO-005116-721651	RA: 00 51 17.0000 (12.8208333d) Dec: -72 16 51.30 (-72.28092d) Equinox: J2000		V=18.8+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(13) QSO-005116-721651	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [=>]	[1]
	2		(13) QSO-005116-721651	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [=>]	[1]
	3		(13) QSO-005116-721651	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [=>]	[1]
	4		(13) QSO-005116-721651	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [=>]	[1]



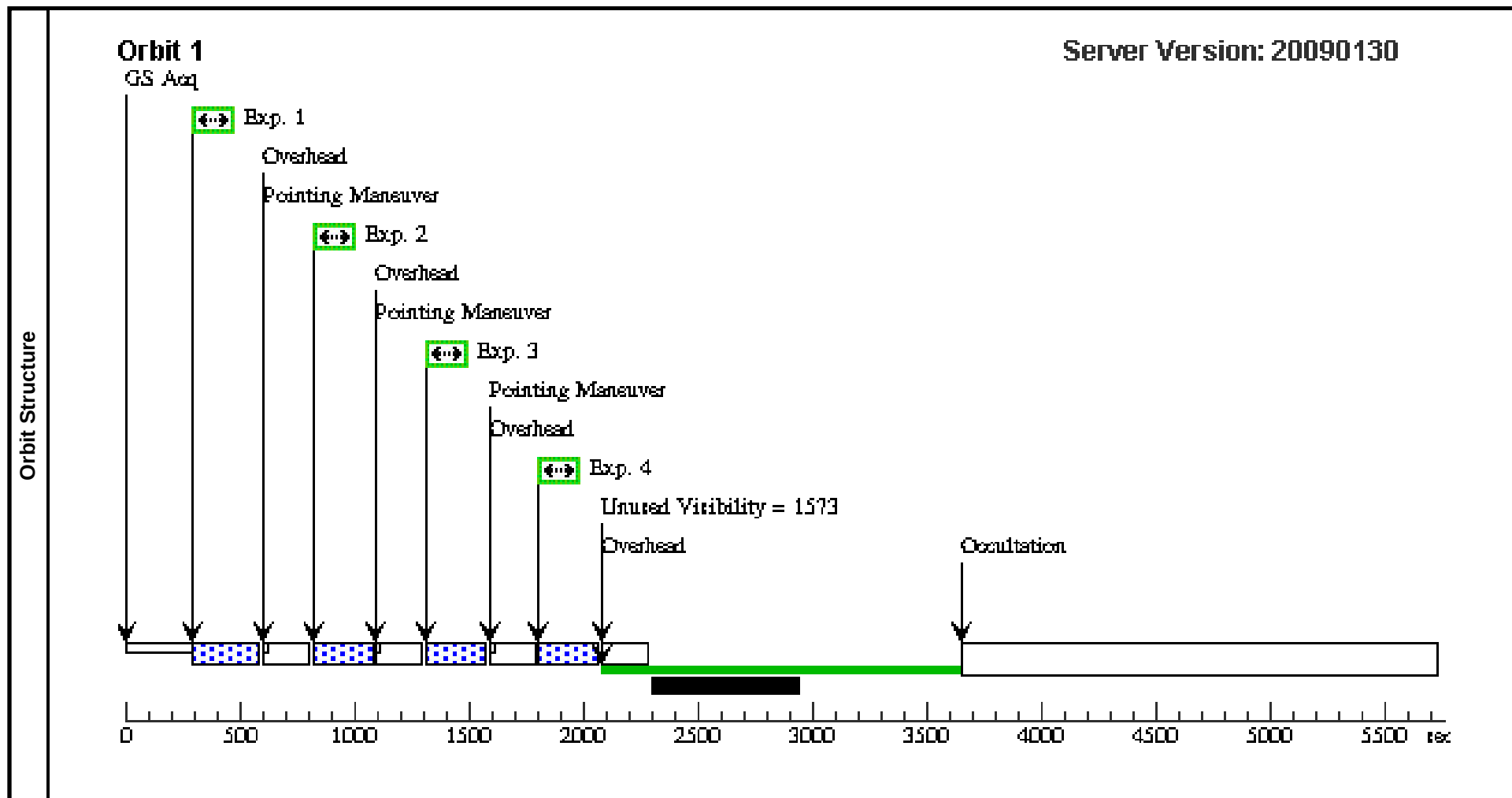
Proposal 11730 - Visit 14 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 14, implementation Wed Jul 01 02:52:10 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(14)	QSO-005534-722834	RA: 00 55 34.7000 (13.8945833d) Dec: -72 28 33.90 (-72.47608d) Equinox: J2000		V=18.8+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(14) QSO-005534-722834	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [==>]	[1]
	2		(14) QSO-005534-722834	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [==>]	[1]
	3		(14) QSO-005534-722834	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [==>]	[1]
	4		(14) QSO-005534-722834	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [==>]	[1]



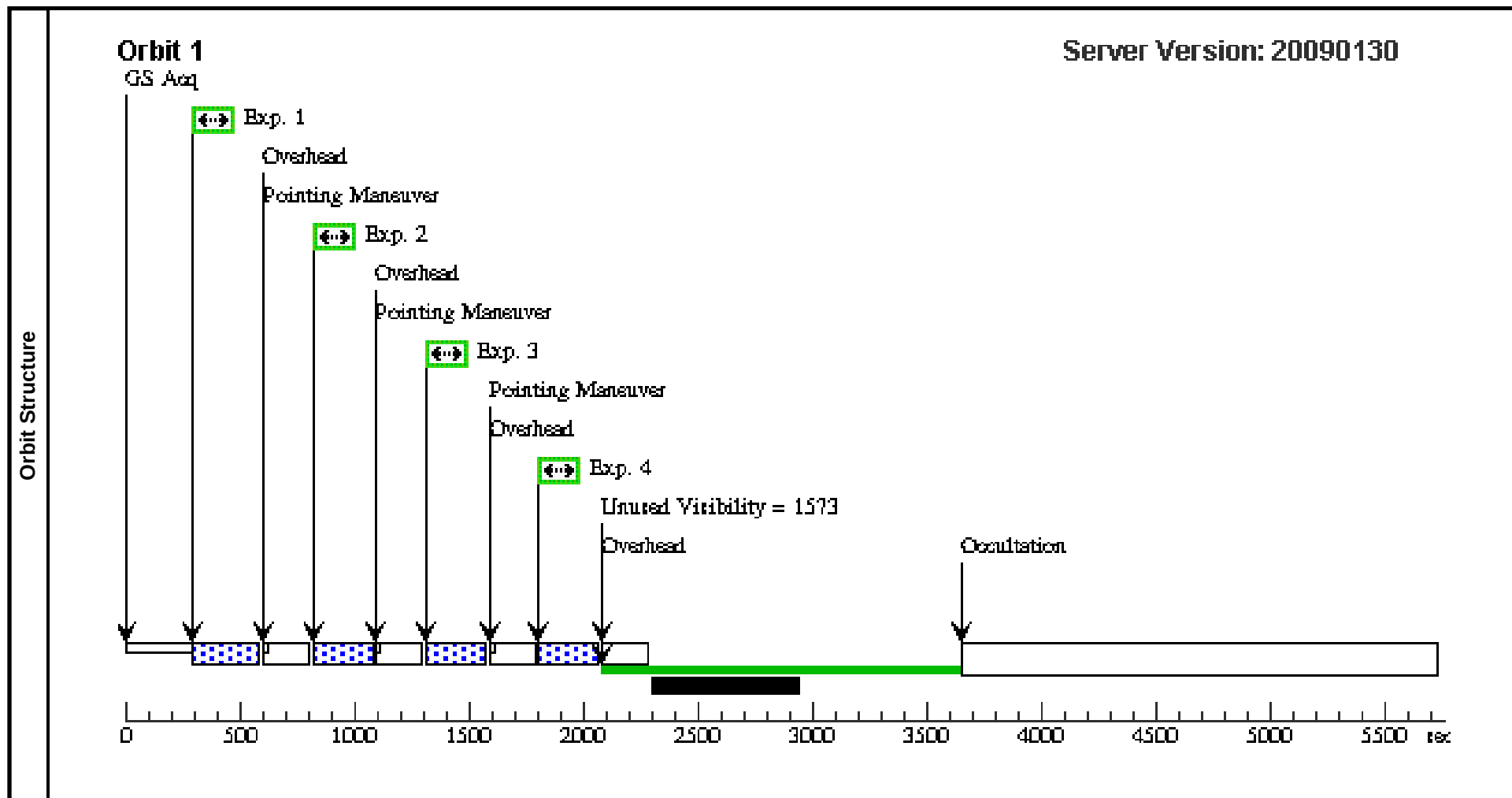
Proposal 11730 - Visit 15 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 15, implementation Wed Jul 01 02:52:10 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(15)	QSO-010214-731626	RA: 01 02 14.5000 (15.5604167d) Dec: -73 16 26.60 (-73.27406d) Equinox: J2000		V=19.4+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(15) QSO-010214-731626	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [==>]	[1]
	2		(15) QSO-010214-731626	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [==>]	[1]
	3		(15) QSO-010214-731626	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [==>]	[1]
	4		(15) QSO-010214-731626	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [==>]	[1]



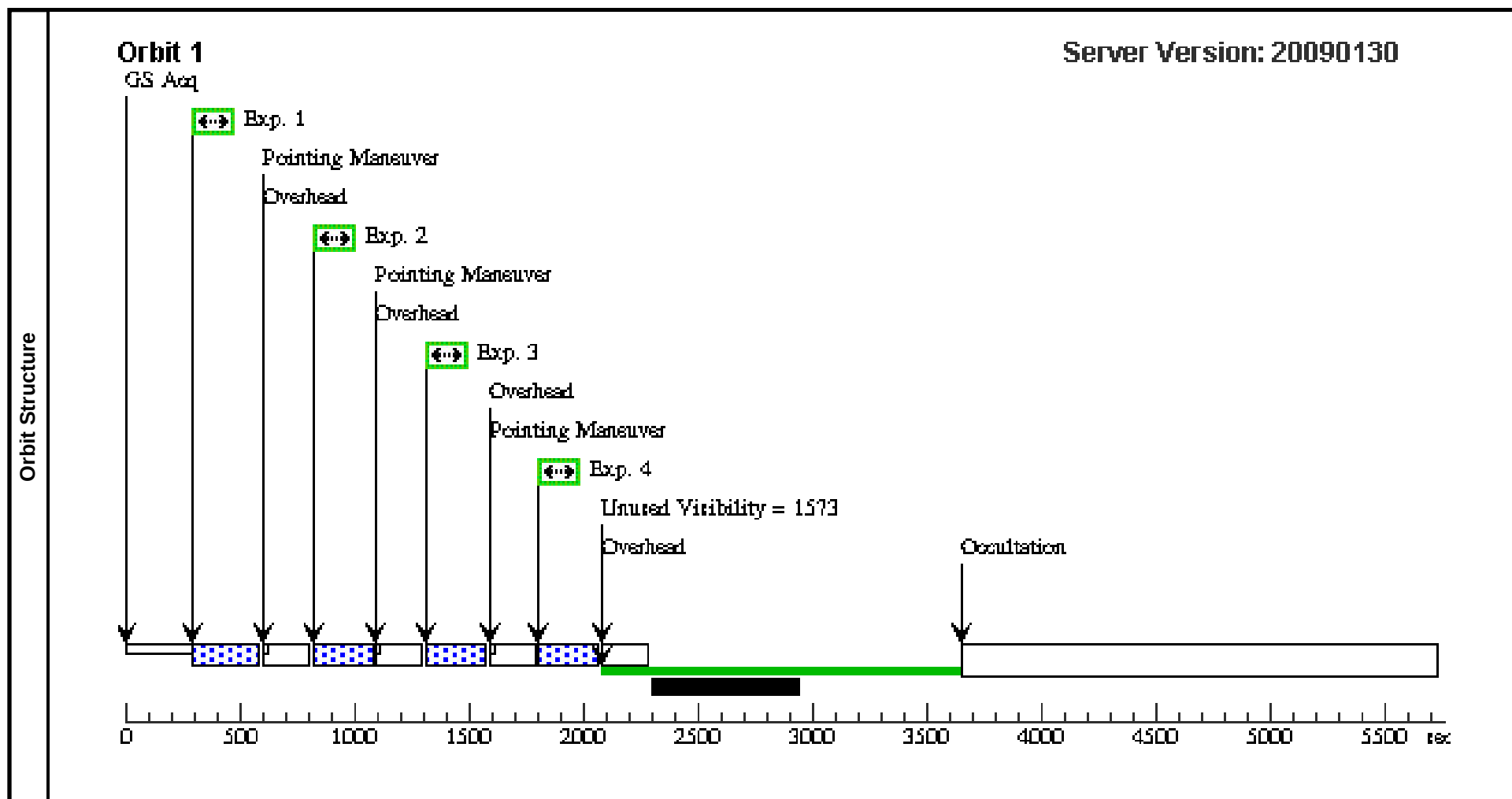
Proposal 11730 - Visit 16 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 16, scheduling Wed Jul 01 02:52:10 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(16)	QSO-003639-722742	RA: 00 36 39.7000 (9.1654167d) Dec: -72 27 42.00 (-72.46167d) Equinox: J2000		V=19.5+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(16) QSO-003639-72742	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [==>]	[1]
	2		(16) QSO-003639-72742	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [==>]	[1]
	3		(16) QSO-003639-72742	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [==>]	[1]
	4		(16) QSO-003639-72742	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [==>]	[1]



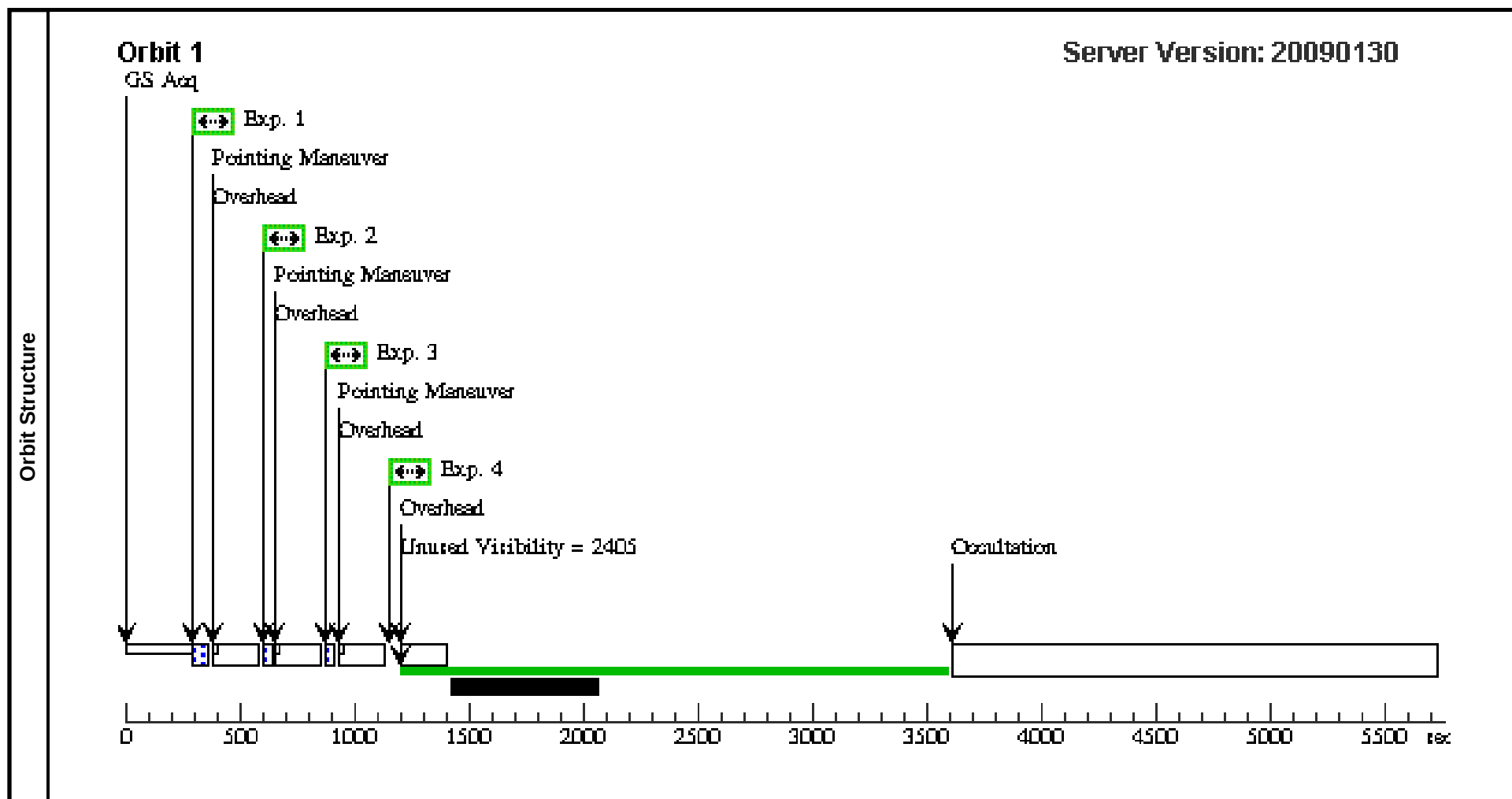
Proposal 11730 - Visit 17 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 17, scheduling Wed Jul 01 02:52:10 GMT 2009 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(17)	QSO-011141-724947	RA: 01 11 41.7000 (17.9237500d) Dec: -72 49 47.00 (-72.82972d) Equinox: J2000		V=19.4+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(17) QSO-011141-724947	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs	
									[=>]	[1]
	2		(17) QSO-011141-724947	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs	
									[=>]	[1]
	3		(17) QSO-011141-724947	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs	
									[=>]	[1]
	4		(17) QSO-011141-724947	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs	
									[=>]	[1]



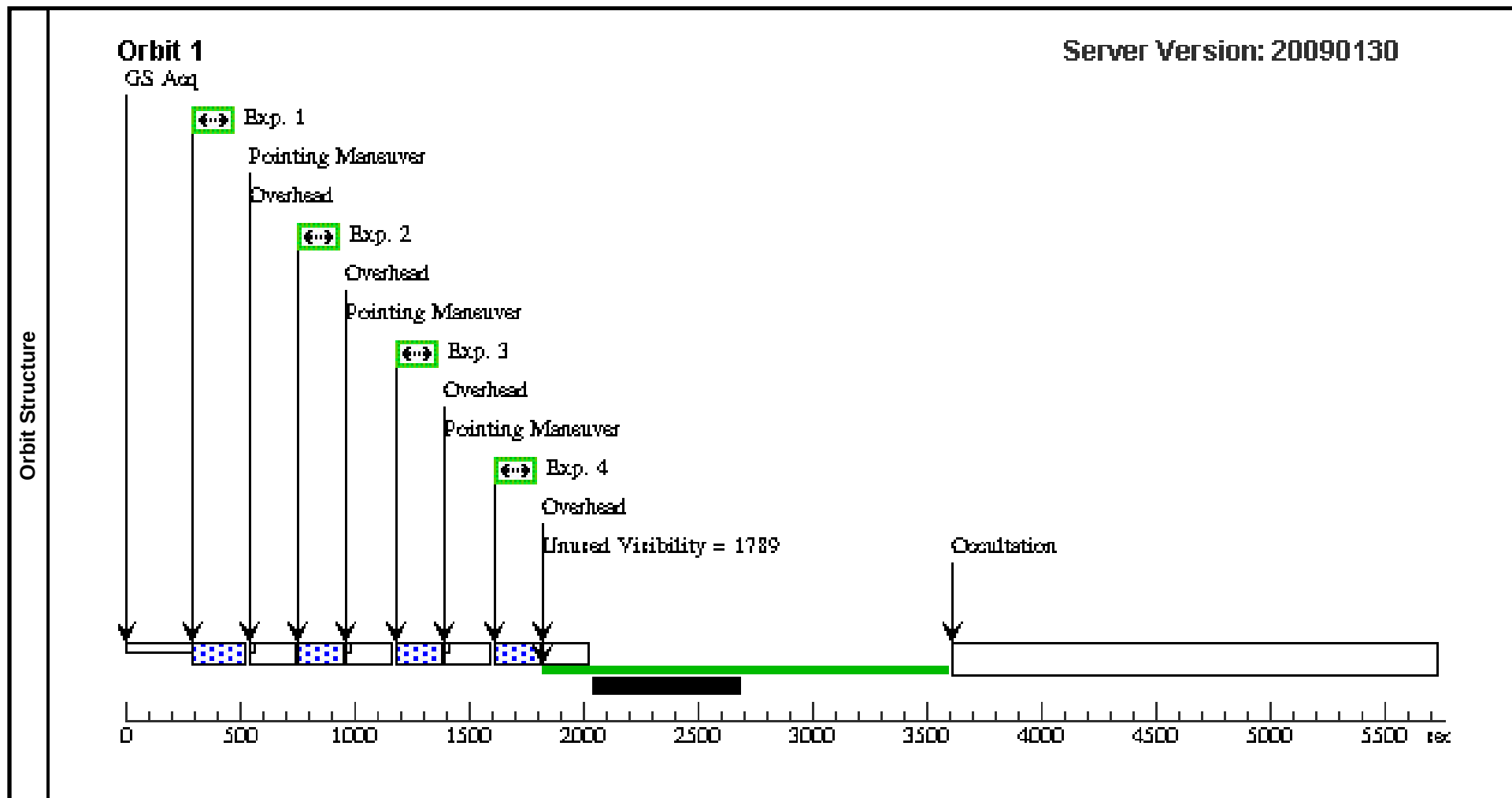
Proposal 11730 - Visit 18 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 18, implementation										Wed Jul 01 02:52:11 GMT 2009
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(18)	QSO-055722-671322	RA: 05 57 22.4000 (89.3433333d) Dec: -67 13 21.50 (-67.22264d) Equinox: J2000				V=16.5+/-0.2		Reference Frame: HST_IMAGE		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		(18) QSO-055722-671322	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		43 Secs [=>]		[1]
	2		(18) QSO-055722-671322	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		43 Secs [=>]		[1]
	3		(18) QSO-055722-671322	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		43 Secs [=>]		[1]
	4		(18) QSO-055722-671322	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		43 Secs [=>]		[1]



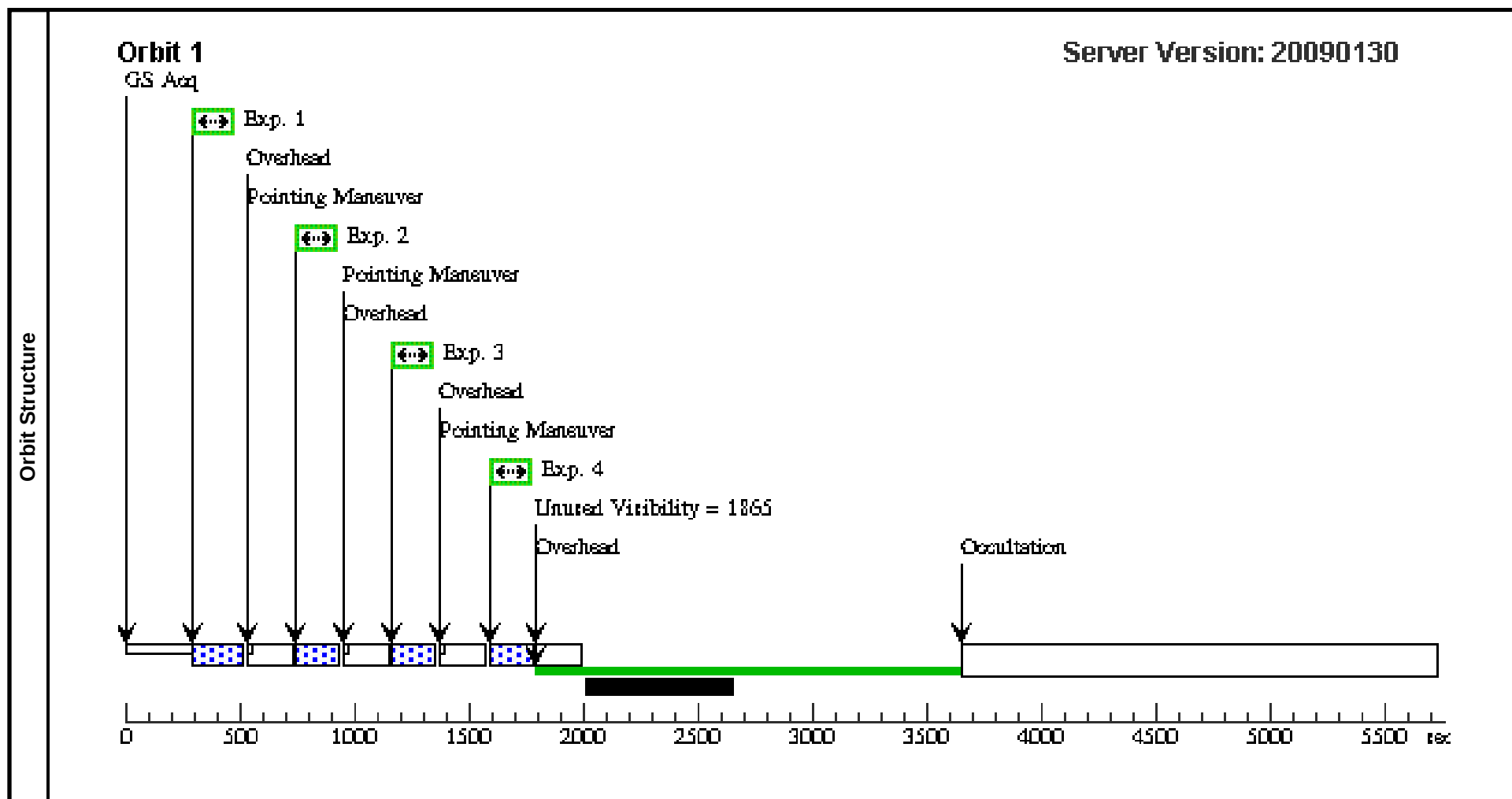
Proposal 11730 - Visit 19 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 19, implementation Wed Jul 01 02:52:11 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(19)	QSO-050146-673241	RA: 05 01 46.7000 (75.4445833d) Dec: -67 32 39.80 (-67.54439d) Equinox: J2000		V=18.4+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(19) QSO-050146-673241	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		200 Secs [==>]	[1]
	2		(19) QSO-050146-673241	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		200 Secs [==>]	[1]
	3		(19) QSO-050146-673241	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		200 Secs [==>]	[1]
	4		(19) QSO-050146-673241	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		200 Secs [==>]	[1]



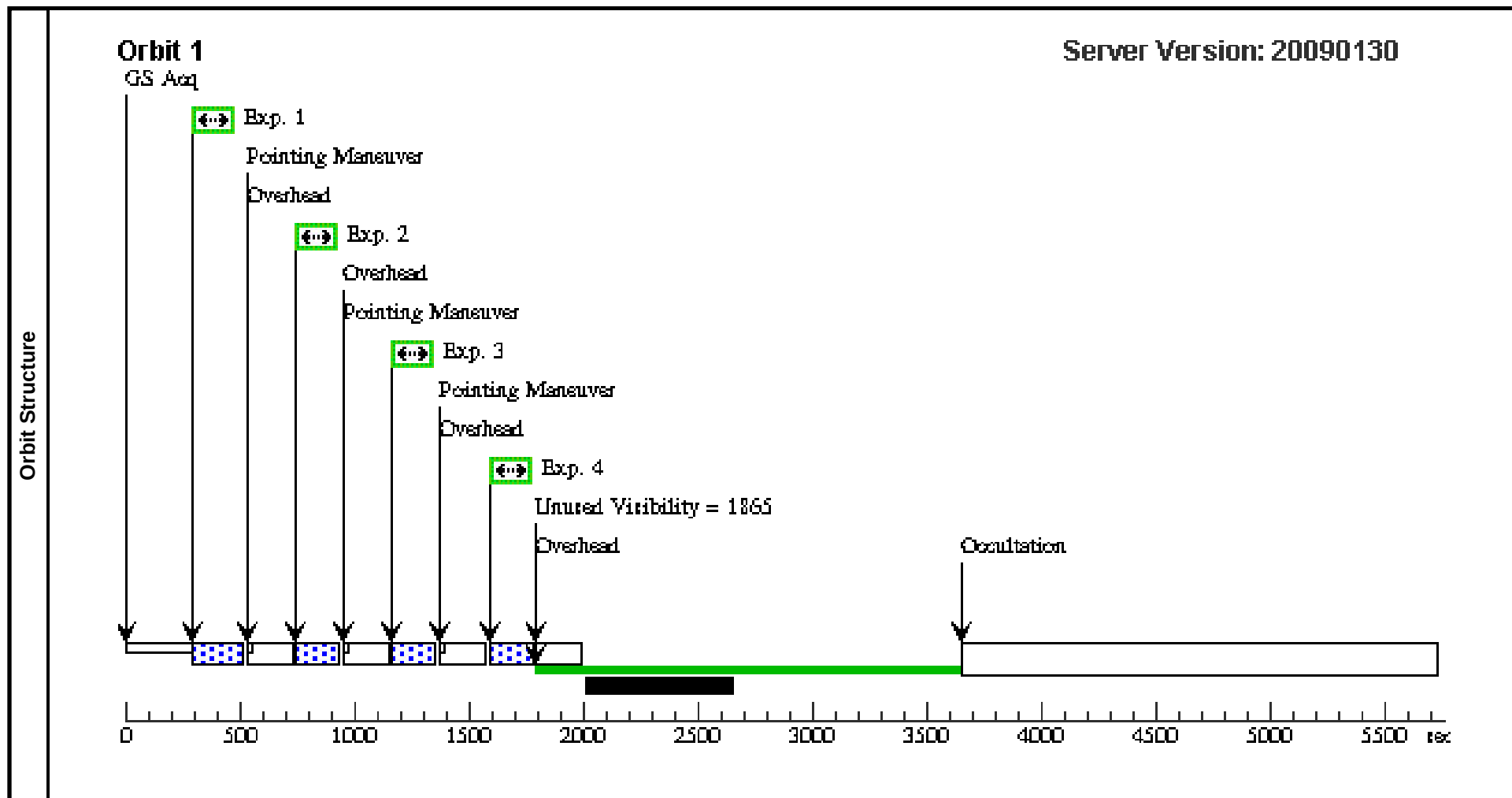
Proposal 11730 - Visit 20 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 20, implementation										Wed Jul 01 02:52:11 GMT 2009
	Diagnostic Status: No Diagnostics										
Fixed Targets	Scientific Instruments: WFC3/UVIS										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(20)	QSO-052056-702452	RA: 05 20 57.0000 (80.2375000d) Dec: -70 24 52.60 (-70.41461d) Equinox: J2000		V=18.1+/-0.2	Reference Frame: HST_IMAGE					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		(20) QSO-052056-702452	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		189 Secs		
									[=>]		[1]
	2		(20) QSO-052056-702452	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		189 Secs		
									[=>]		[1]
	3		(20) QSO-052056-702452	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		189 Secs		
									[=>]		[1]
	4		(20) QSO-052056-702452	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		189 Secs		
									[=>]		[1]



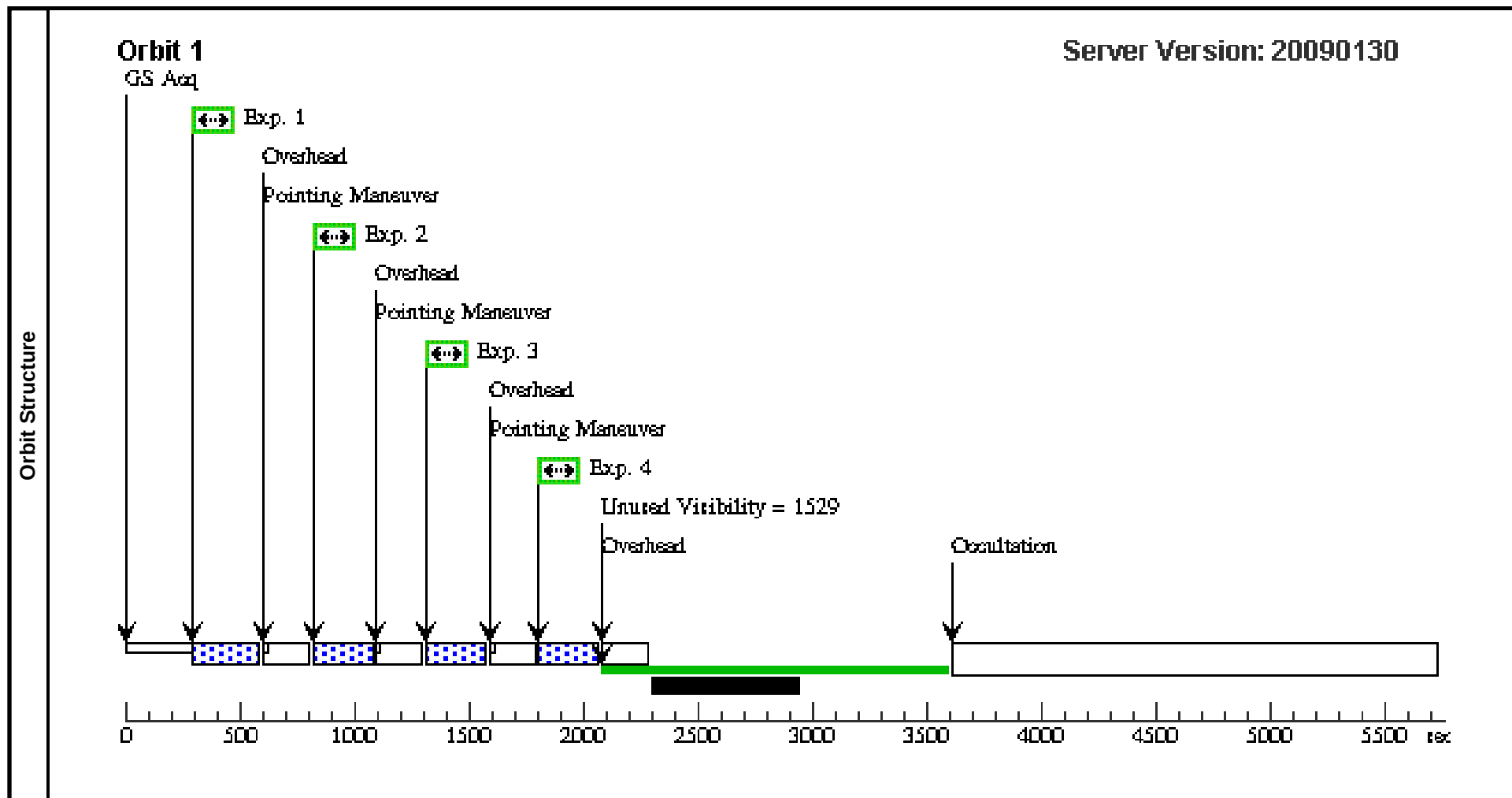
Proposal 11730 - Visit 21 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 21, implementation										Wed Jul 01 02:52:12 GMT 2009
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(21)	QSO-052402-701108	RA: 05 24 2.2000 (81.0091667d) Dec: -70 11 8.60 (-70.18572d) Equinox: J2000				V=18.1+/-0.2	Reference Frame: HST_IMAGE			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		(21) QSO-052402-701108	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		189 Secs [==>]		[1]
	2		(21) QSO-052402-701108	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		189 Secs [==>]		[1]
	3		(21) QSO-052402-701108	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		189 Secs [==>]		[1]
	4		(21) QSO-052402-701108	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		189 Secs [==>]		[1]



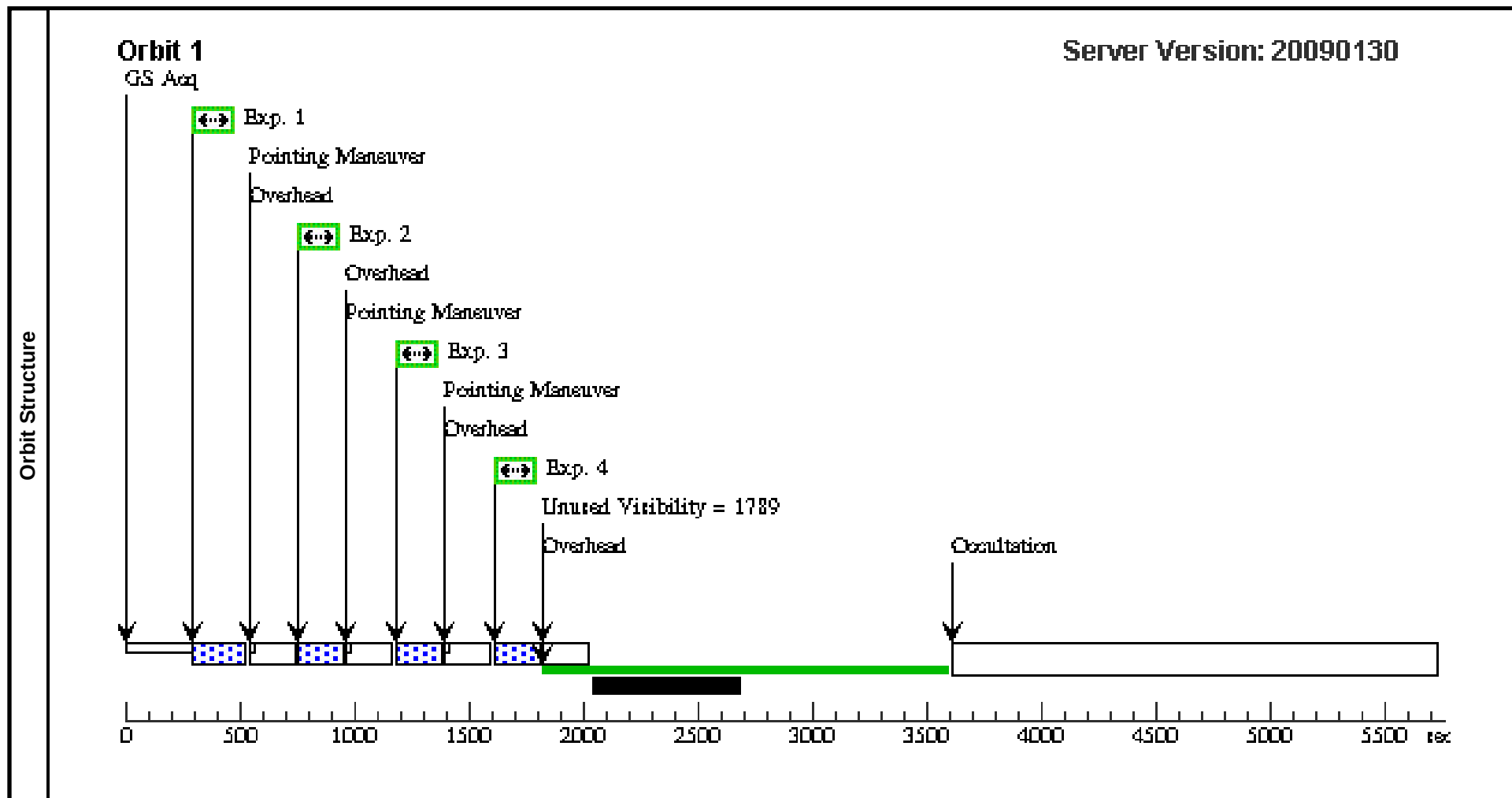
Proposal 11730 - Visit 22 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 22, implementation										Wed Jul 01 02:52:12 GMT 2009
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(22)	QSO-050634-691047	RA: 05 06 34.1000 (76.6420833d) Dec: -69 10 47.00 (-69.17972d) Equinox: J2000				V=18.8+/-0.2	Reference Frame: HST_IMAGE			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		(22) QSO-050634-691047	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [==>]		[1]
	2		(22) QSO-050634-691047	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [==>]		[1]
	3		(22) QSO-050634-691047	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [==>]		[1]
	4		(22) QSO-050634-691047	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [==>]		[1]



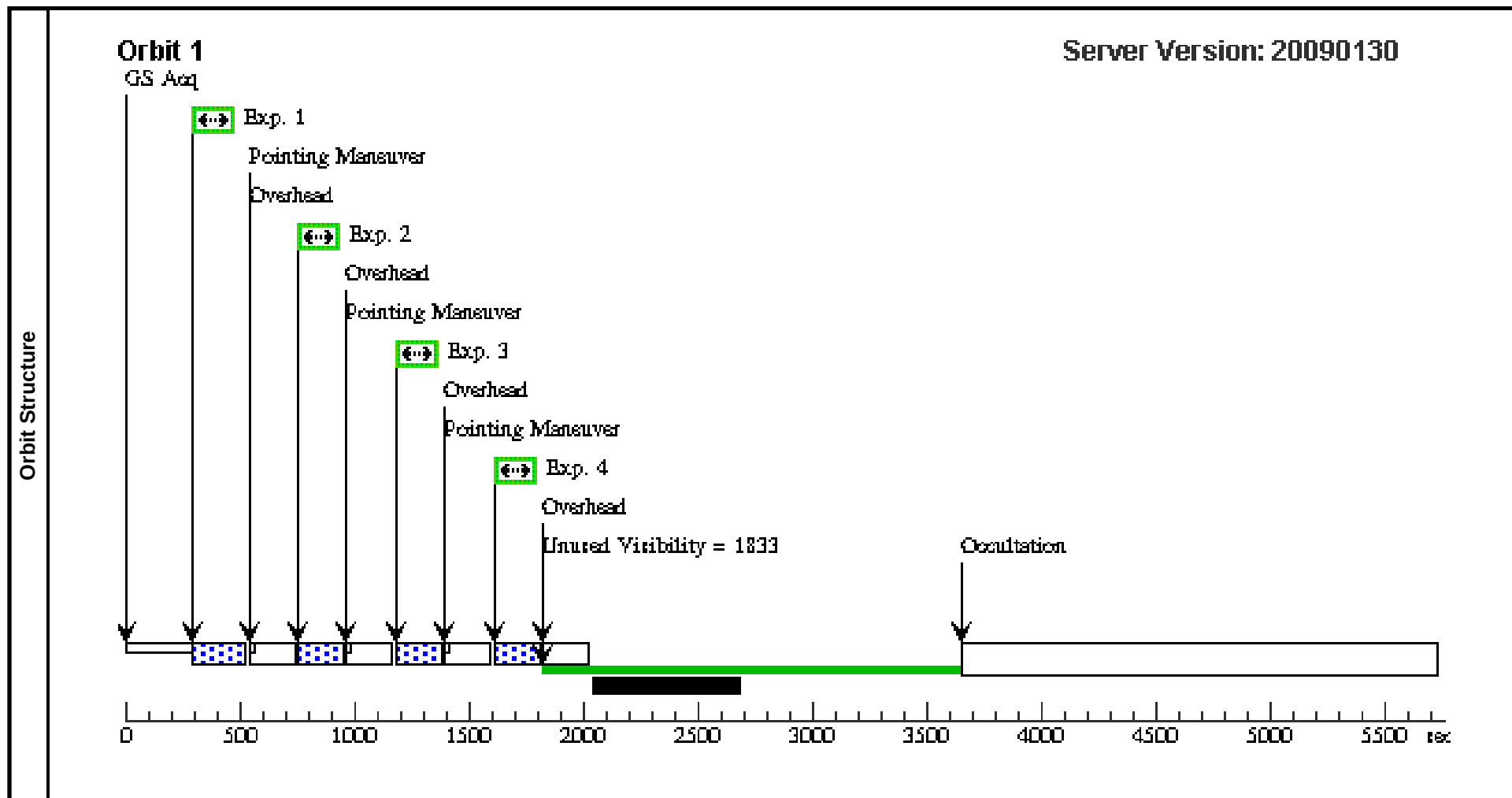
Proposal 11730 - Visit 23 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 23, scheduling Wed Jul 01 02:52:12 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(23)	QSO-050253-672546	RA: 05 02 53.7000 (75.7237500d) Dec: -67 25 45.00 (-67.42917d) Equinox: J2000		V=18.5+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(23) QSO-050253-672546	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		200 Secs [==>]	[1]
	2		(23) QSO-050253-672546	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		200 Secs [==>]	[1]
	3		(23) QSO-050253-672546	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		200 Secs [==>]	[1]
	4		(23) QSO-050253-672546	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		200 Secs [==>]	[1]



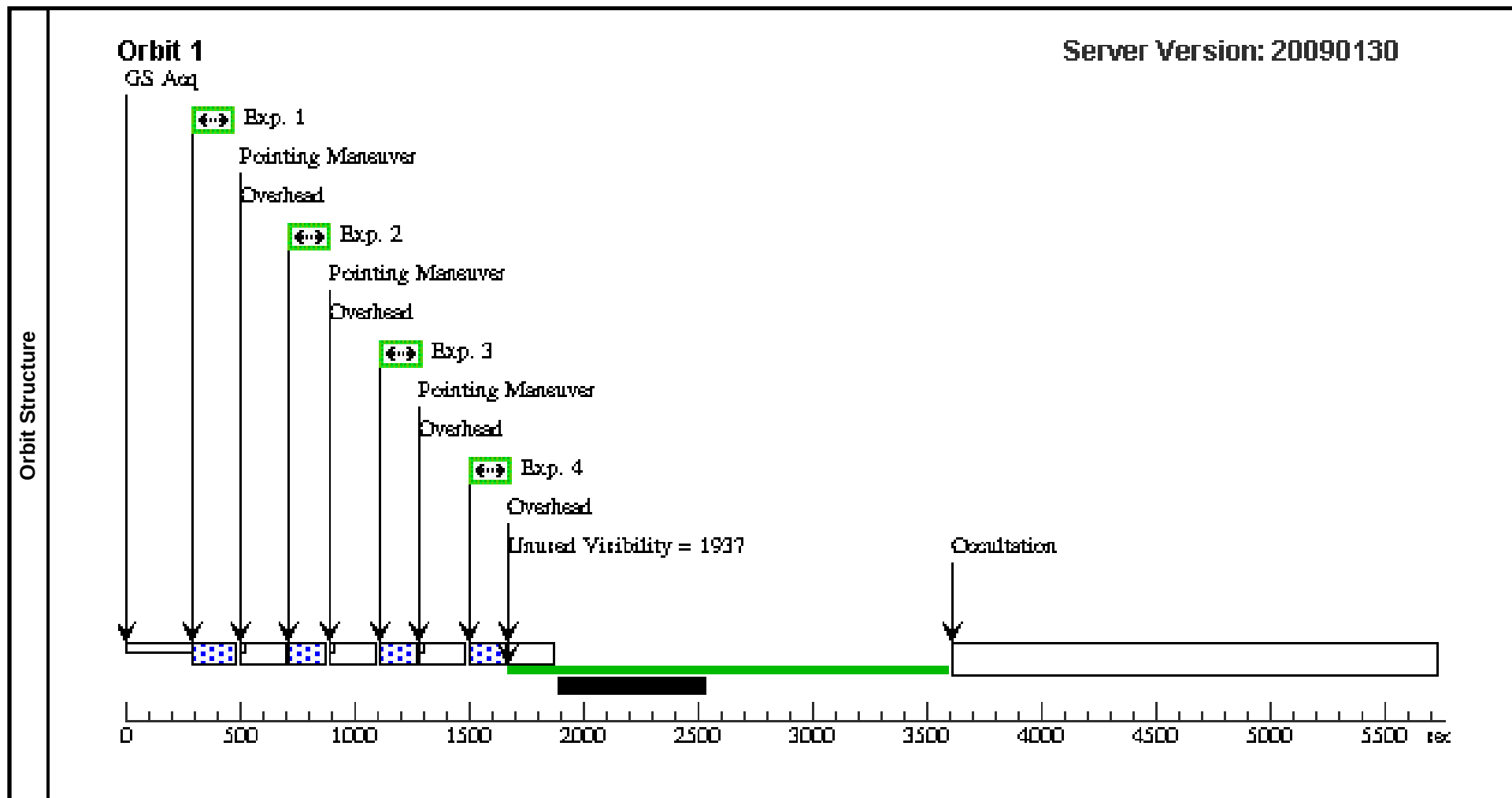
Proposal 11730 - Visit 24 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 24, scheduling Wed Jul 01 02:52:13 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(24)	QSO-051412-702025	RA: 05 14 12.1000 (78.5504167d) Dec: -70 20 25.80 (-70.34050d) Equinox: J2000			V=18.6+/-0.2		Reference Frame: HST_IMAGE		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(24) QSO-051412-702025	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		200 Secs [==>]	[1]
	2		(24) QSO-051412-702025	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		200 Secs [==>]	[1]
	3		(24) QSO-051412-702025	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		200 Secs [==>]	[1]
	4		(24) QSO-051412-702025	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		200 Secs [==>]	[1]



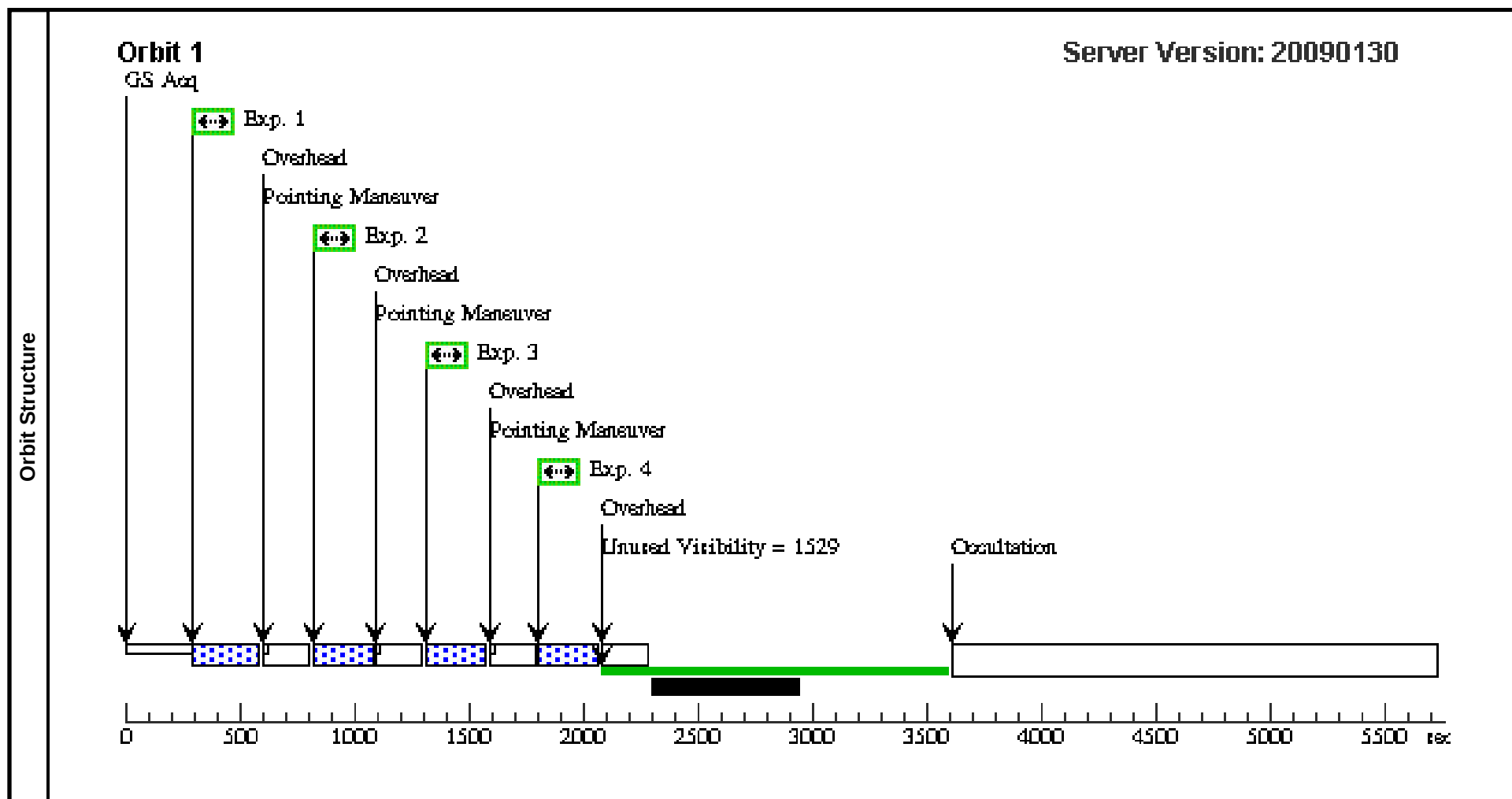
Proposal 11730 - Visit 25 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 25, scheduling Wed Jul 01 02:52:13 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(25)	QSO-050436-662417	RA: 05 04 36.0000 (76.1500000d) Dec: -66 24 15.70 (-66.40436d) Equinox: J2000		V=18.2+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(25) QSO-050436-662417	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		160 Secs [=>]	[1]
	2		(25) QSO-050436-662417	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		160 Secs [=>]	[1]
	3		(25) QSO-050436-662417	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		160 Secs [=>]	[1]
	4		(25) QSO-050436-662417	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		160 Secs [=>]	[1]



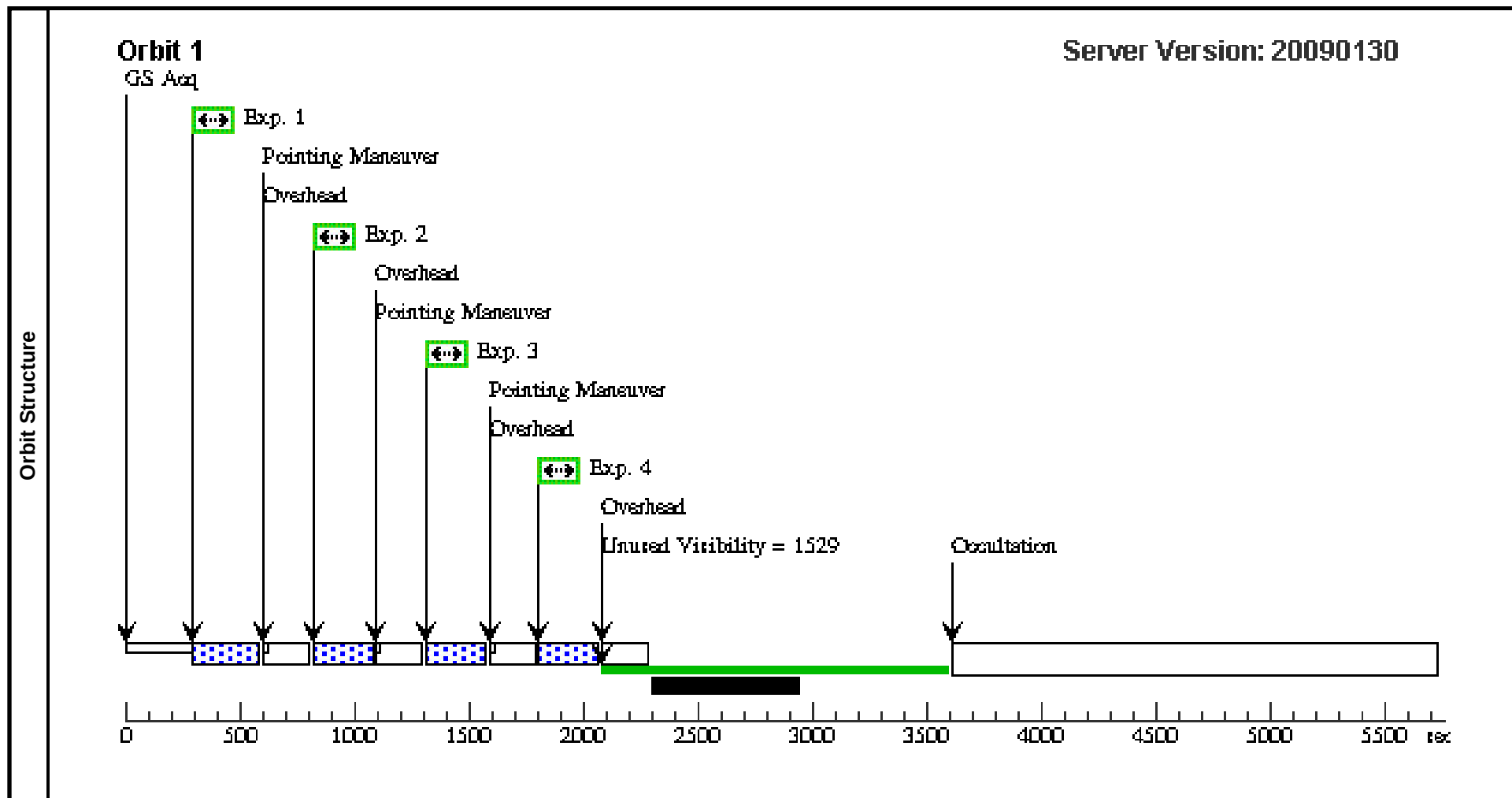
Proposal 11730 - Visit 26 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 26, scheduling Wed Jul 01 02:52:13 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(26)	QSO-052514-655445	RA: 05 25 14.4000 (81.3100000d) Dec: -65 54 45.70 (-65.91269d) Equinox: J2000		V=18.7+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(26) QSO-052514-655445	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [=>]	[1]
	2		(26) QSO-052514-655445	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [=>]	[1]
	3		(26) QSO-052514-655445	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [=>]	[1]
	4		(26) QSO-052514-655445	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [=>]	[1]



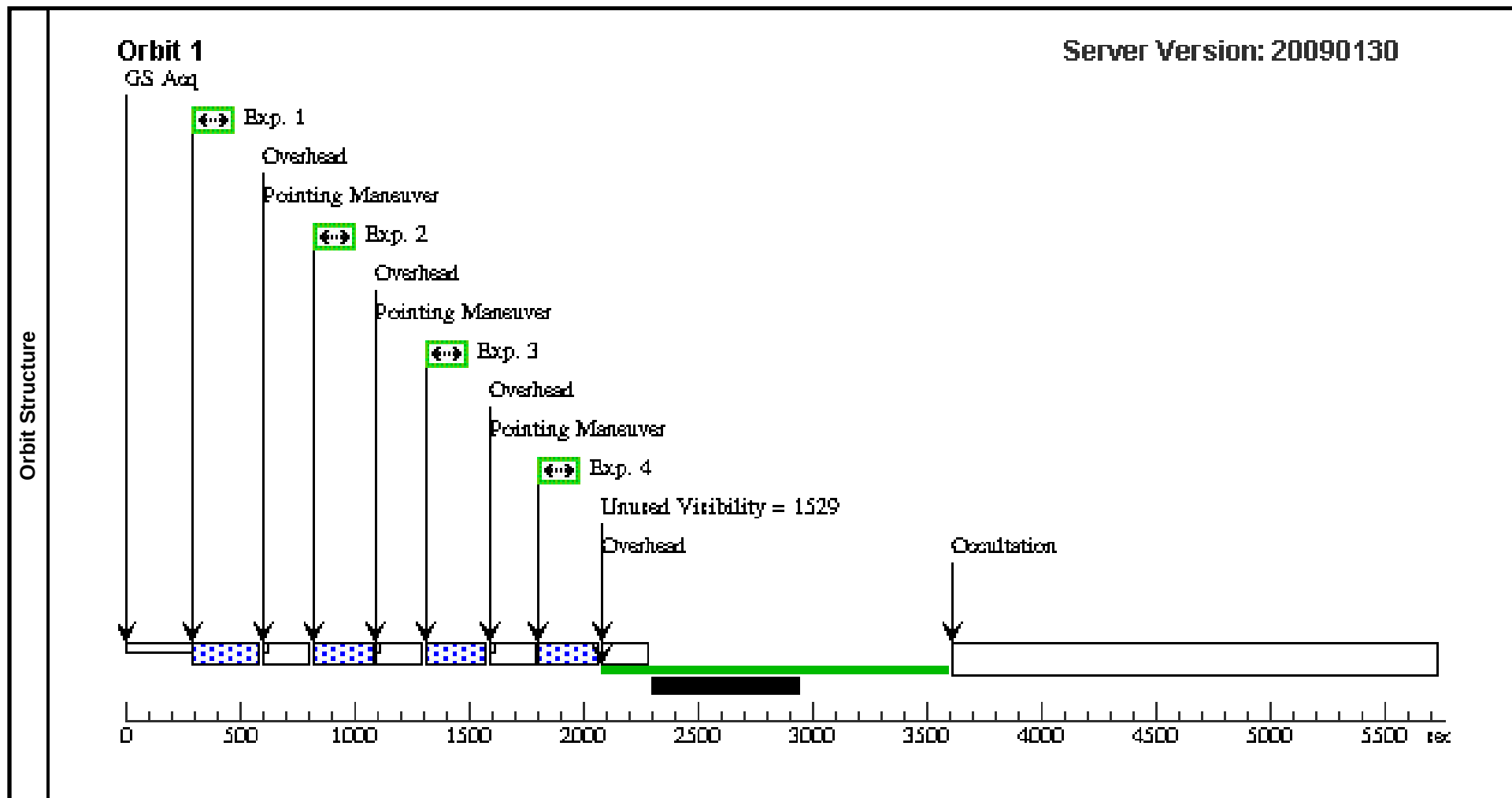
Proposal 11730 - Visit 27 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 27, scheduling Wed Jul 01 02:52:13 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(27)	QSO-050017-693216	RA: 05 00 17.4000 (75.0725000d) Dec: -69 32 15.60 (-69.53767d) Equinox: J2000		V=19.0+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(27) QSO-050017-693216	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [=>]	[1]
	2		(27) QSO-050017-693216	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [=>]	[1]
	3		(27) QSO-050017-693216	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [=>]	[1]
	4		(27) QSO-050017-693216	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [=>]	[1]



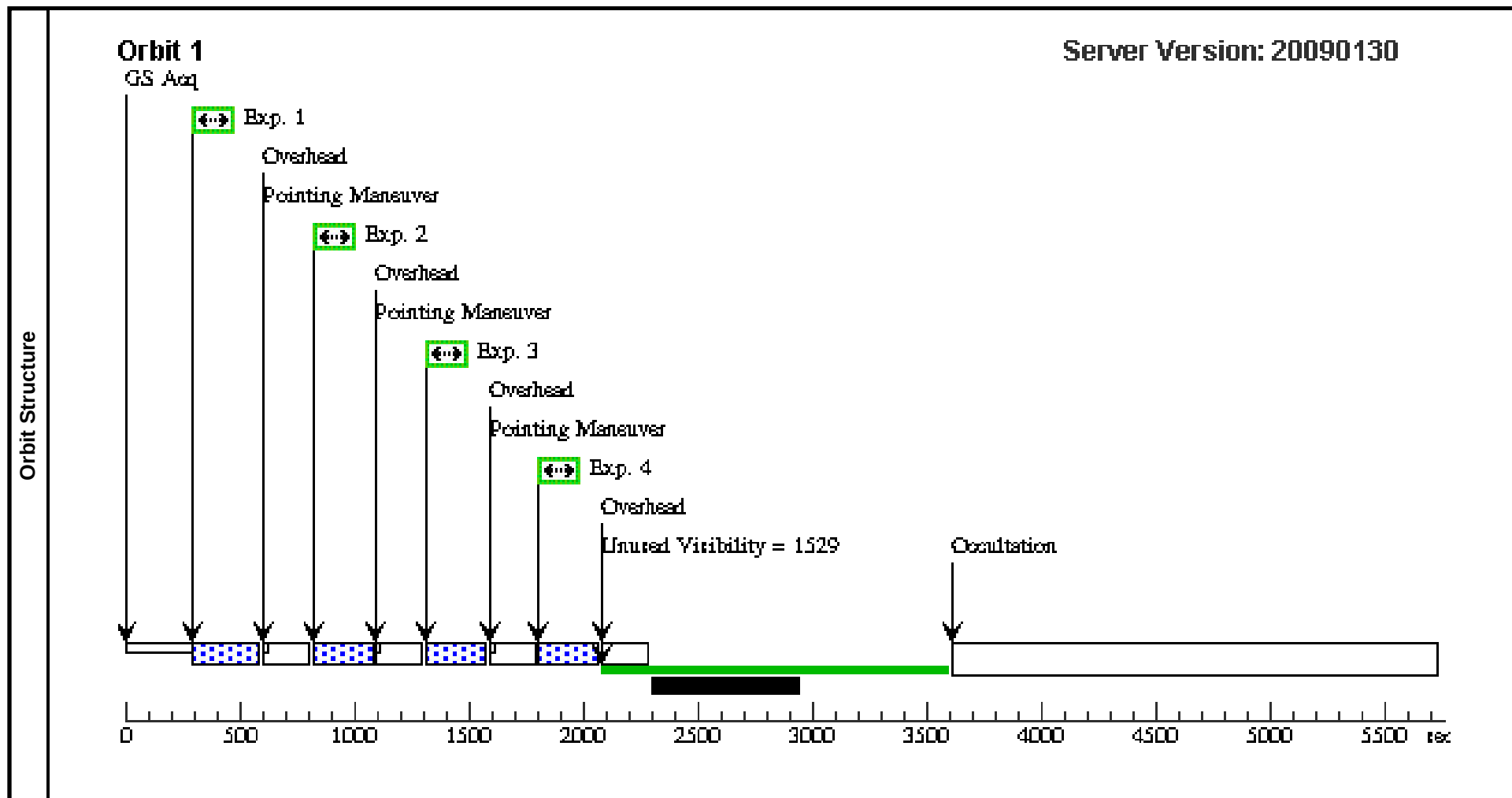
Proposal 11730 - Visit 28 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 28, scheduling Wed Jul 01 02:52:13 GMT 2009 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(28)	QSO-053026-664855	RA: 05 30 26.8000 (82.6116667d) Dec: -66 48 52.90 (-66.81469d) Equinox: J2000		V=18.8+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(28) QSO-053026-664855	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [=>]	[1]
	2		(28) QSO-053026-664855	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [=>]	[1]
	3		(28) QSO-053026-664855	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [=>]	[1]
	4		(28) QSO-053026-664855	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [=>]	[1]



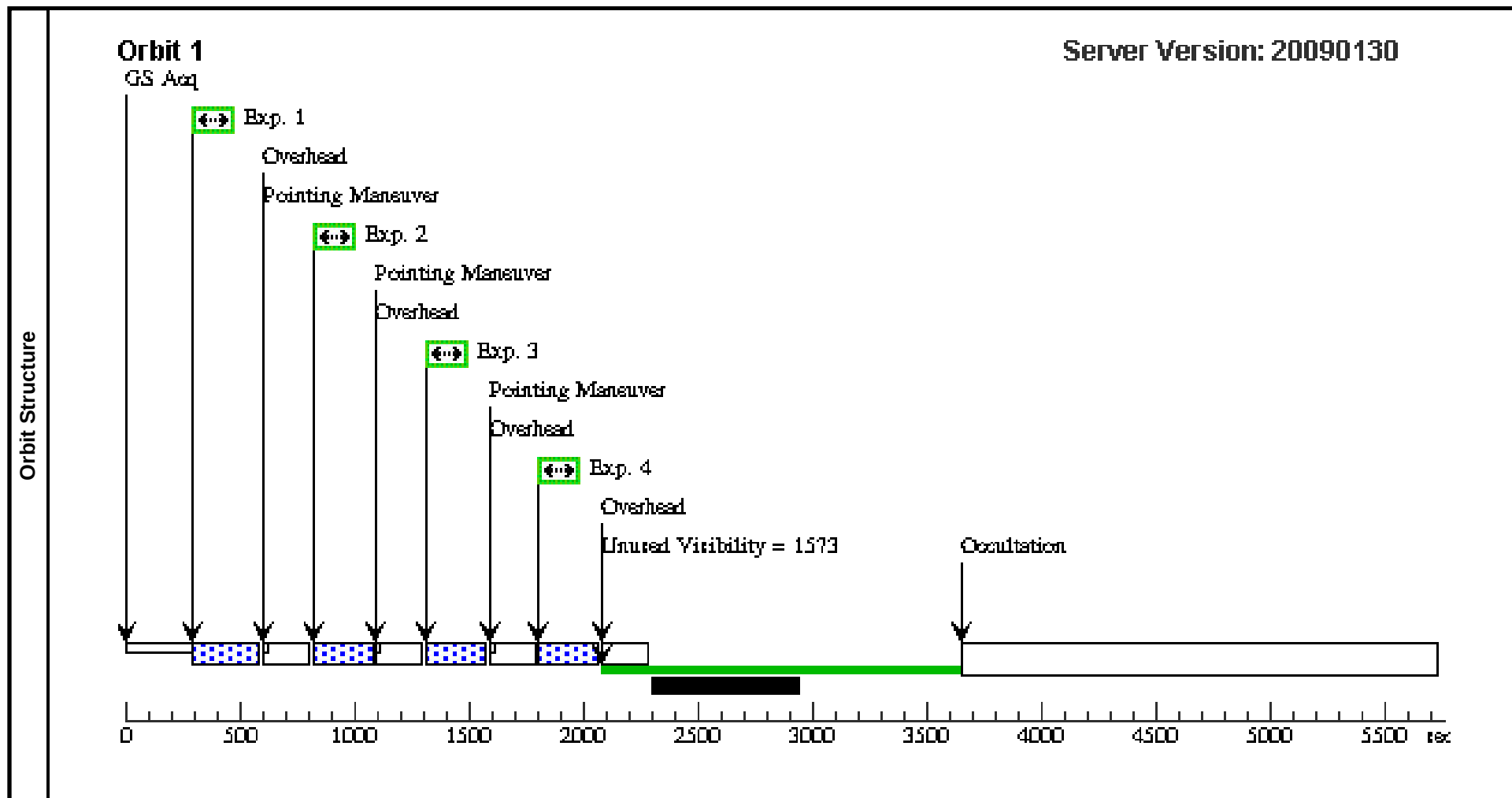
Proposal 11730 - Visit 29 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 29, scheduling Wed Jul 01 02:52:14 GMT 2009 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(29)	QSO-053159-691951	RA: 05 31 59.7000 (82.9987500d) Dec: -69 19 51.50 (-69.33097d) Equinox: J2000		V=18.9+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(29) QSO-053159-691951	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [=>]	[1]
	2		(29) QSO-053159-691951	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [=>]	[1]
	3		(29) QSO-053159-691951	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [=>]	[1]
	4		(29) QSO-053159-691951	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [=>]	[1]



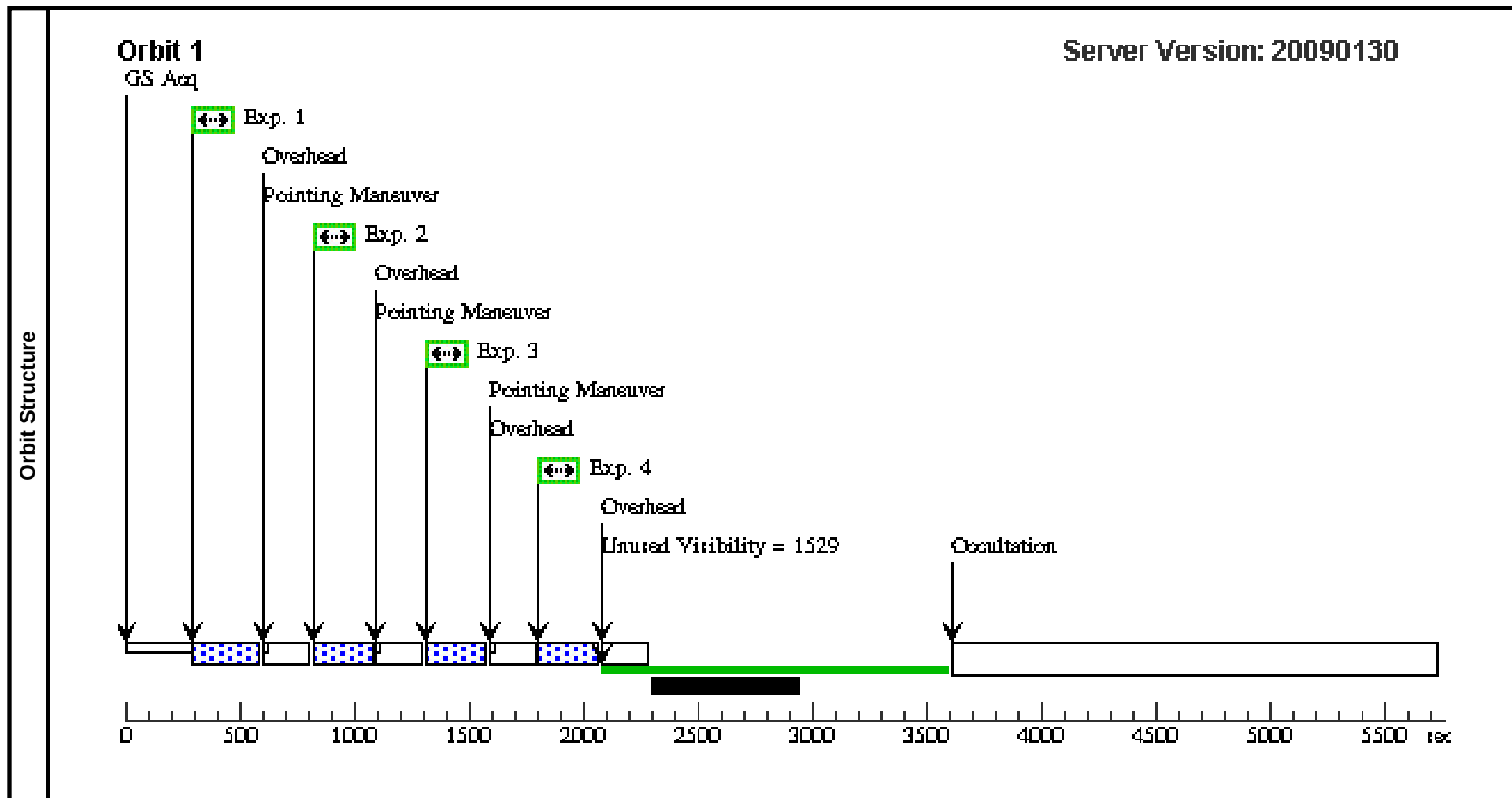
Proposal 11730 - Visit 30 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 30, scheduling Wed Jul 01 02:52:14 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(30)	QSO-053131-712947	RA: 05 31 31.6000 (82.8816667d) Dec: -71 29 46.60 (-71.49628d) Equinox: J2000			V=19.4+/-0.2		Reference Frame: HST_IMAGE		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(30) QSO-053131-712947	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [=>]	[1]
	2		(30) QSO-053131-712947	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [=>]	[1]
	3		(30) QSO-053131-712947	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [=>]	[1]
	4		(30) QSO-053131-712947	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [=>]	[1]



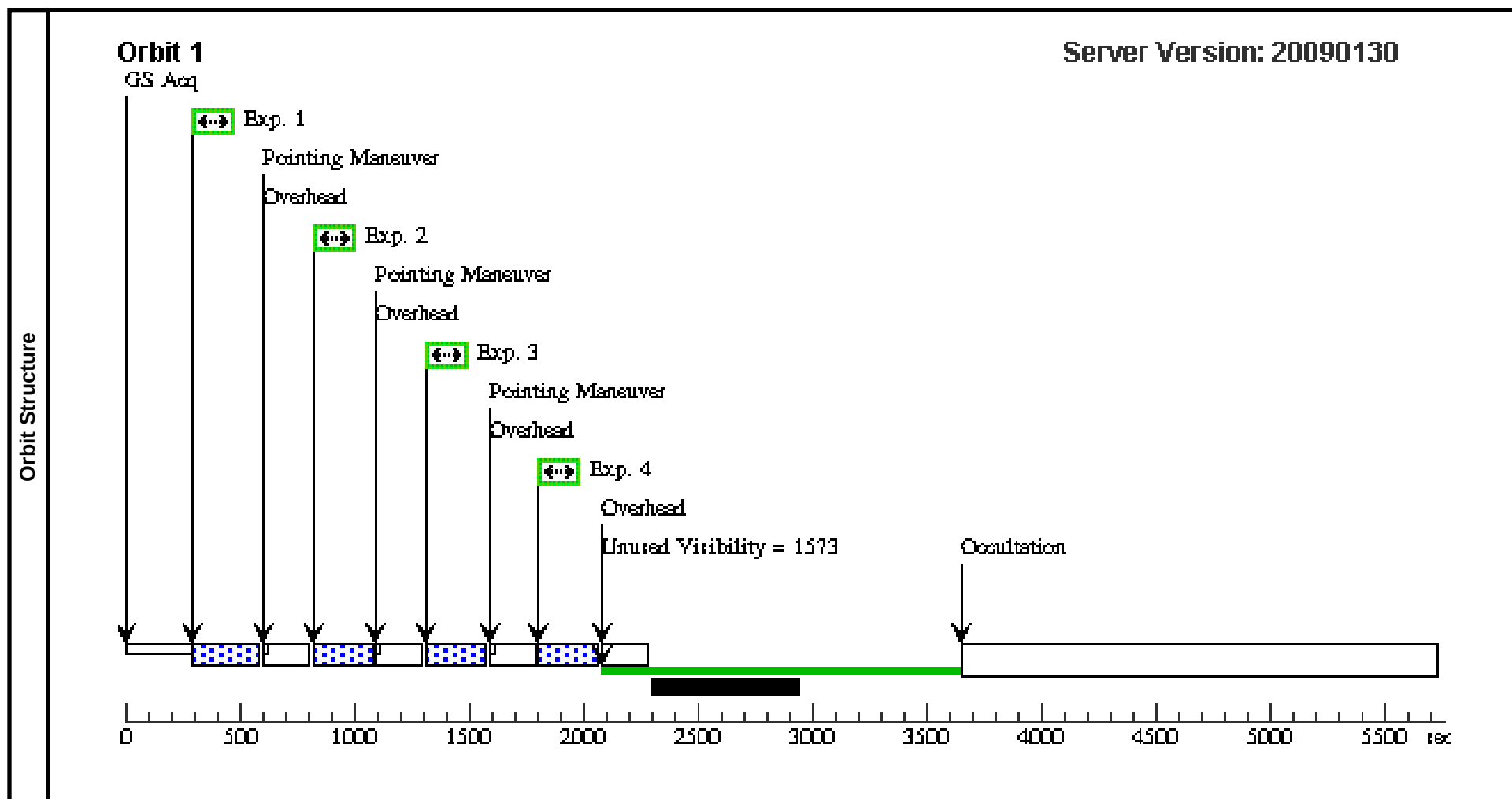
Proposal 11730 - Visit 31 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 31, scheduling Wed Jul 01 02:52:14 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(31)	QSO-045614-673910	RA: 04 56 14.3000 (74.0595833d) Dec: -67 39 9.00 (-67.65250d) Equinox: J2000			V=19.1+/-0.2		Reference Frame: HST_IMAGE		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(31) QSO-045614-673910	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [=>]	[1]
	2		(31) QSO-045614-673910	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [=>]	[1]
	3		(31) QSO-045614-673910	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [=>]	[1]
	4		(31) QSO-045614-673910	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [=>]	[1]



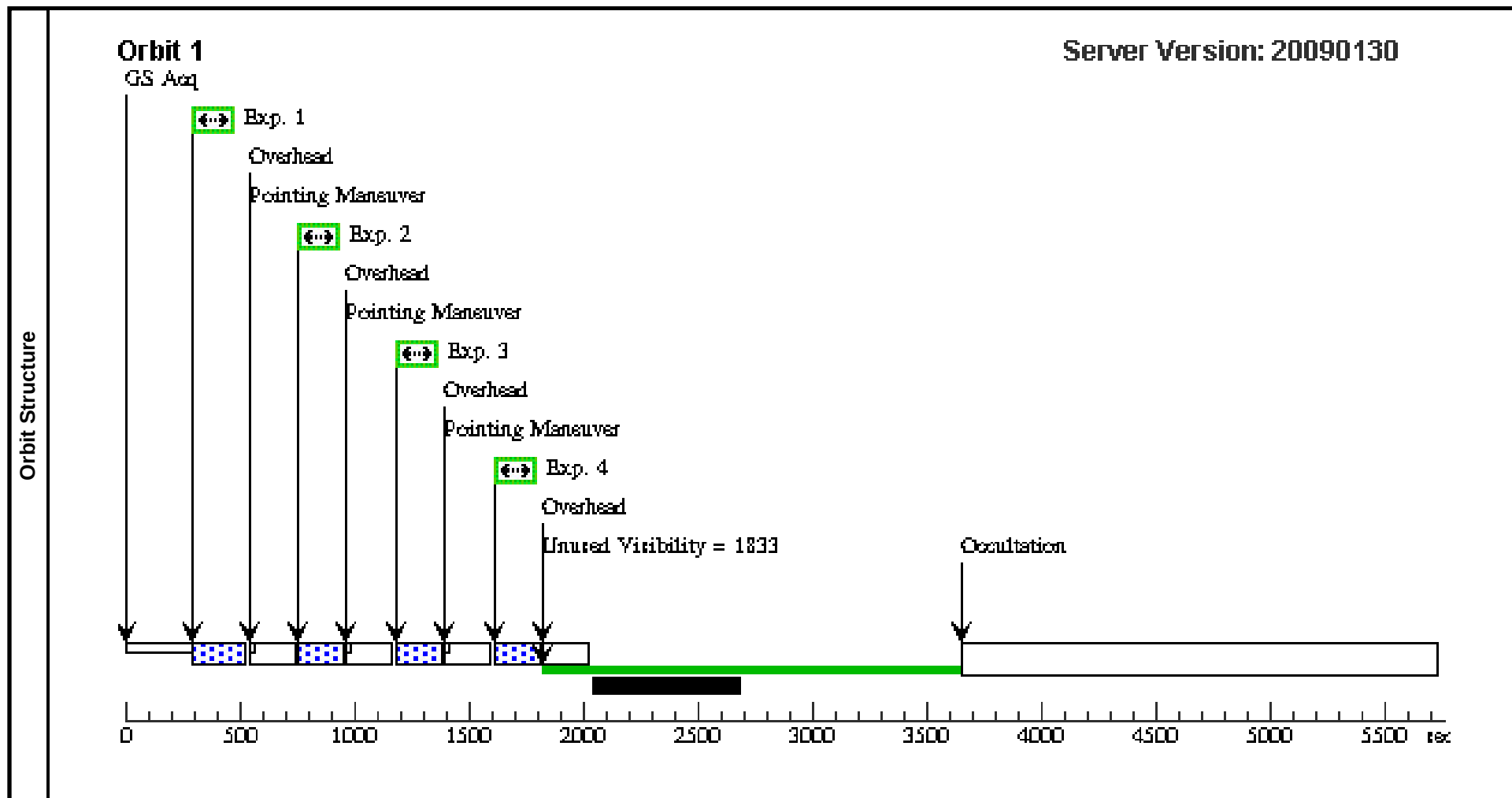
Proposal 11730 - Visit 32 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 32, scheduling Wed Jul 01 02:52:14 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(32)	QSO-051504-714338	RA: 05 15 4.5000 (78.7687500d) Dec: -71 43 38.10 (-71.72725d) Equinox: J2000			V=19.7+/-0.2		Reference Frame: HST_IMAGE		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(32) QSO-051504-714338	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs	
									[=>]	[1]
	2		(32) QSO-051504-714338	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs	
									[=>]	[1]
	3		(32) QSO-051504-714338	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs	
									[=>]	[1]
	4		(32) QSO-051504-714338	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs	
									[=>]	[1]



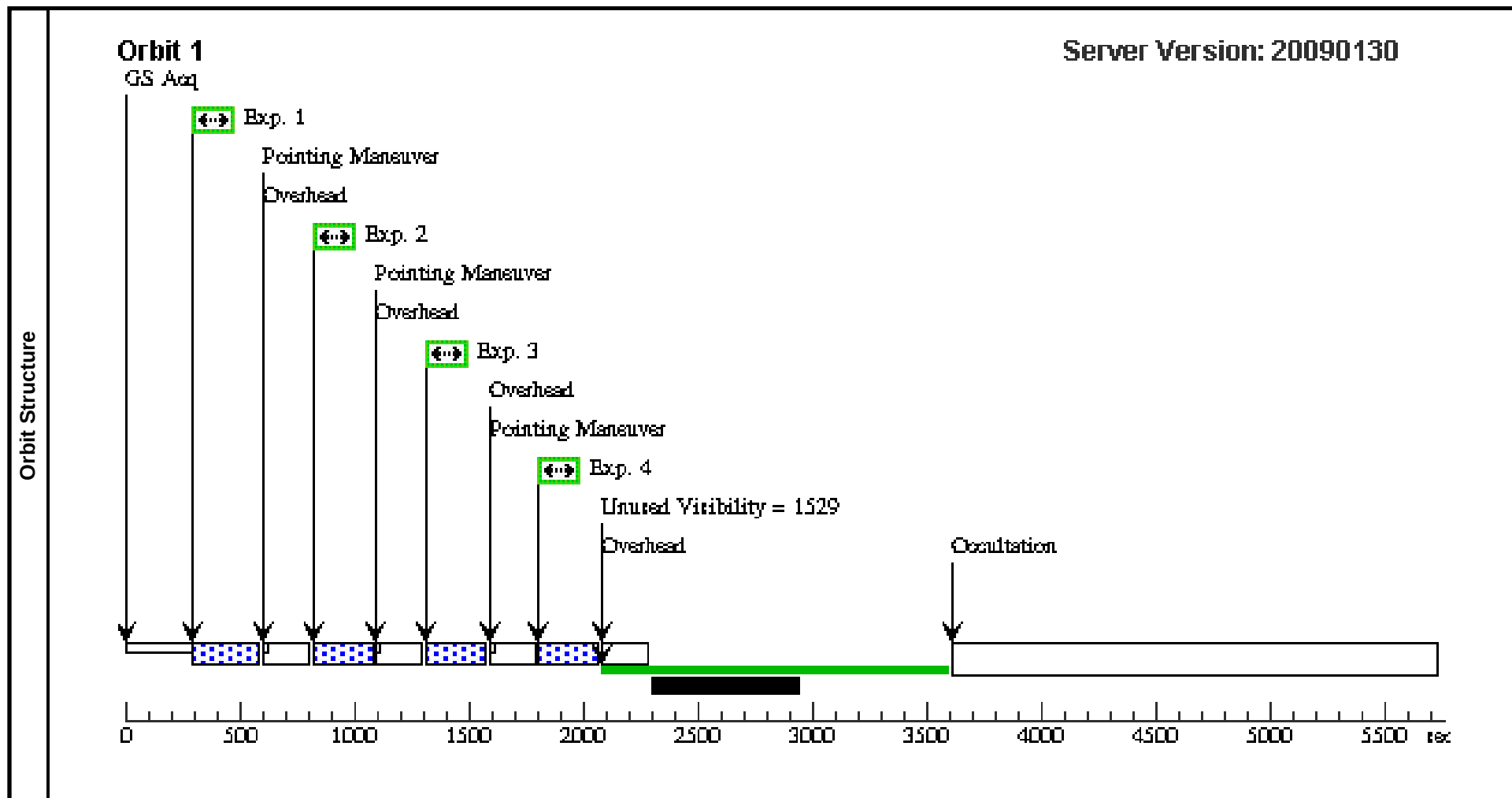
Proposal 11730 - Visit 33 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 33, scheduling Wed Jul 01 02:52:15 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(33)	QSO-010234-725422	RA: 01 02 34.7000 (15.6445833d) Dec: -72 54 23.80 (-72.90661d) Equinox: J2000		V=18.4+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(33) QSO-010234-725422	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		200 Secs [==>]	[1]
	2		(33) QSO-010234-725422	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		200 Secs [==>]	[1]
	3		(33) QSO-010234-725422	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		200 Secs [==>]	[1]
	4		(33) QSO-010234-725422	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		200 Secs [==>]	[1]



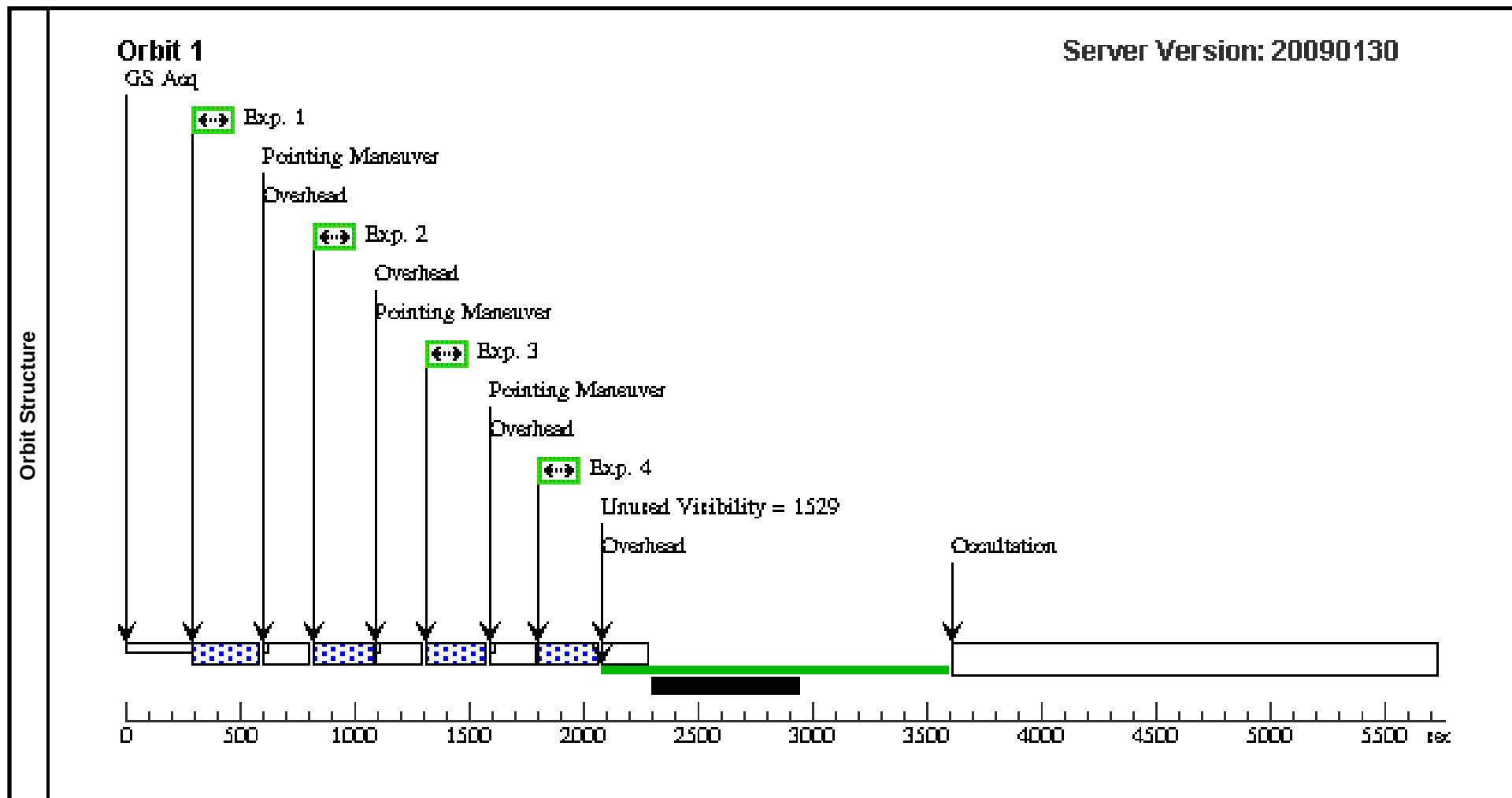
Proposal 11730 - Visit 34 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 34, scheduling Wed Jul 01 02:52:15 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(34)	QSO-050854-673735	RA: 05 08 54.2000 (77.2258333d) Dec: -67 37 33.60 (-67.62600d) Equinox: J2000		V=20.3+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(34) QSO-050854-673735	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [=>]	[1]
	2		(34) QSO-050854-673735	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [=>]	[1]
	3		(34) QSO-050854-673735	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [=>]	[1]
	4		(34) QSO-050854-673735	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [=>]	[1]



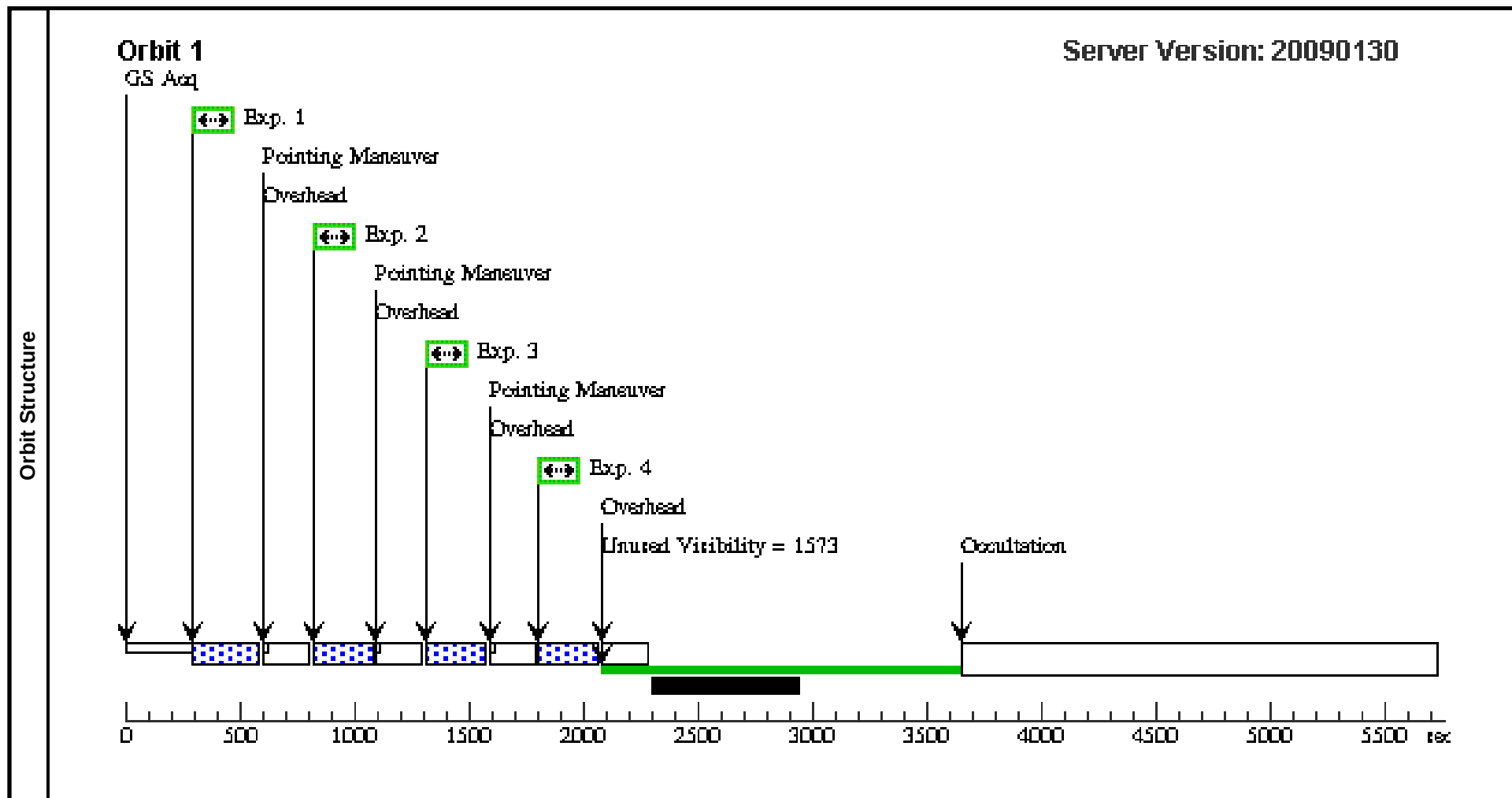
Proposal 11730 - Visit 35 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 35, scheduling Wed Jul 01 02:52:15 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(35)	QSO-051032-692716	RA: 05 10 32.5000 (77.6354167d) Dec: -69 27 15.50 (-69.45431d) Equinox: J2000			V=18.9+/-0.2		Reference Frame: HST_IMAGE		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(35) QSO-051032-692716	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs	
									[=>]	[1]
	2		(35) QSO-051032-692716	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs	
									[=>]	[1]
	3		(35) QSO-051032-692716	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs	
									[=>]	[1]
	4		(35) QSO-051032-692716	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs	
									[=>]	[1]



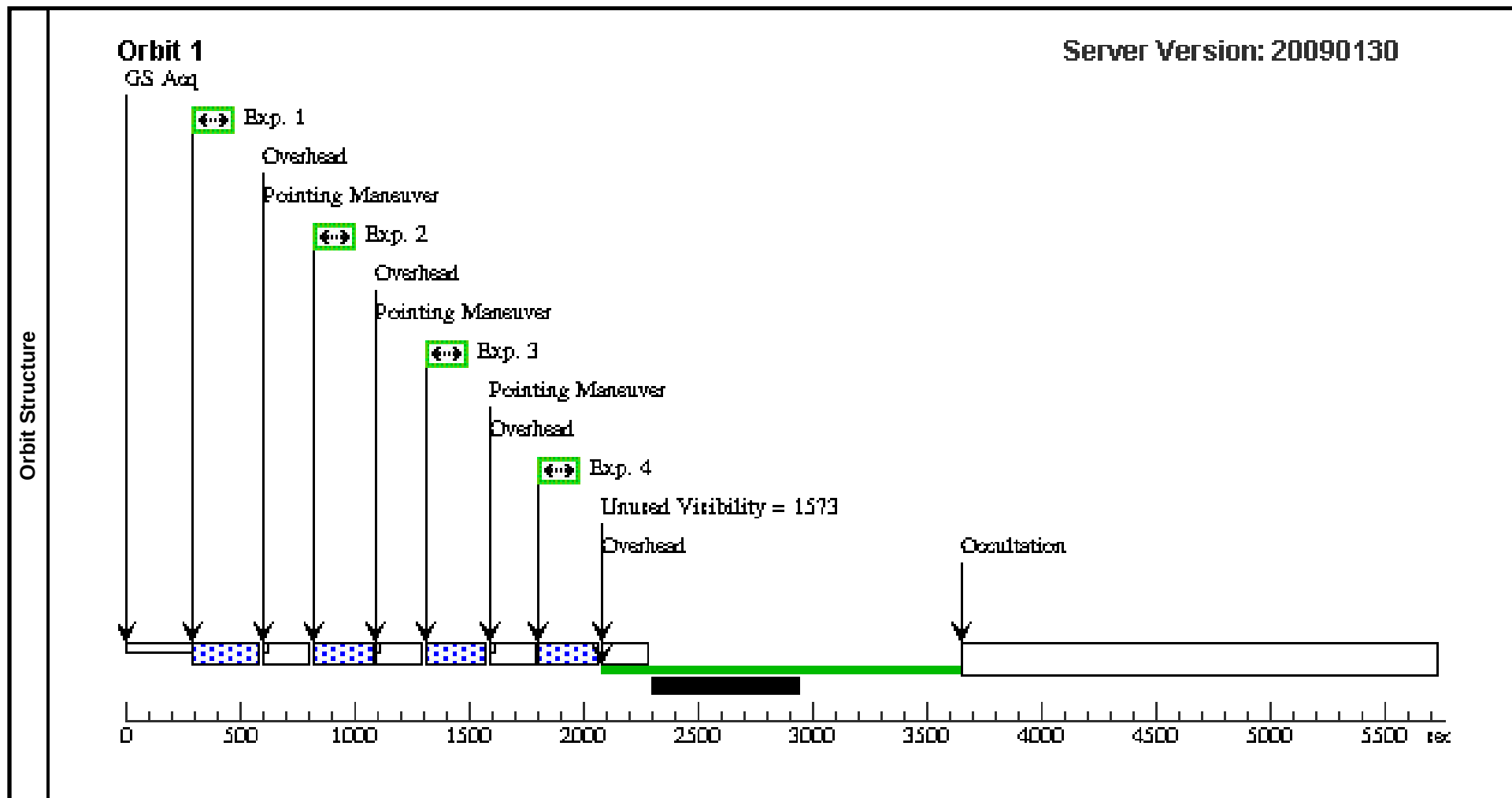
Proposal 11730 - Visit 36 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 36, scheduling Wed Jul 01 02:52:15 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(36)	QSO-051717-704402	RA: 05 17 16.9000 (79.3204167d) Dec: -70 44 1.90 (-70.73386d) Equinox: J2000		V=19.4+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(36) QSO-051717-704402	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [==>]	[1]
	2		(36) QSO-051717-704402	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [==>]	[1]
	3		(36) QSO-051717-704402	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [==>]	[1]
	4		(36) QSO-051717-704402	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [==>]	[1]



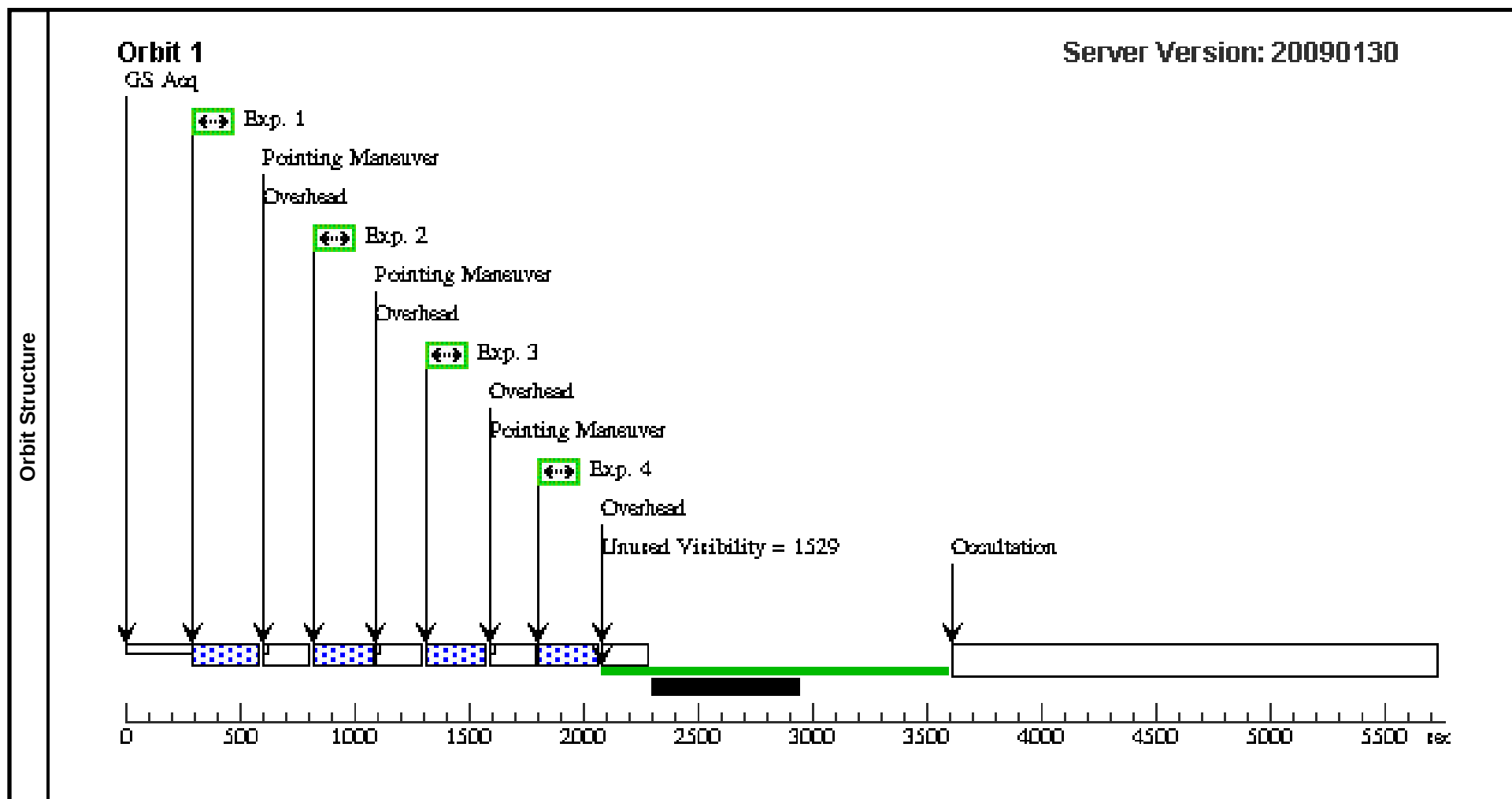
Proposal 11730 - Visit 37 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 37, scheduling Wed Jul 01 02:52:16 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(37)	QSO-051259-703024	RA: 05 12 59.6000 (78.2483333d) Dec: -70 30 23.50 (-70.50653d) Equinox: J2000		V=19.9+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(37) QSO-051259-703024	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs	
									[=>]	[1]
	2		(37) QSO-051259-703024	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs	
									[=>]	[1]
	3		(37) QSO-051259-703024	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs	
									[=>]	[1]
	4		(37) QSO-051259-703024	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs	
									[=>]	[1]



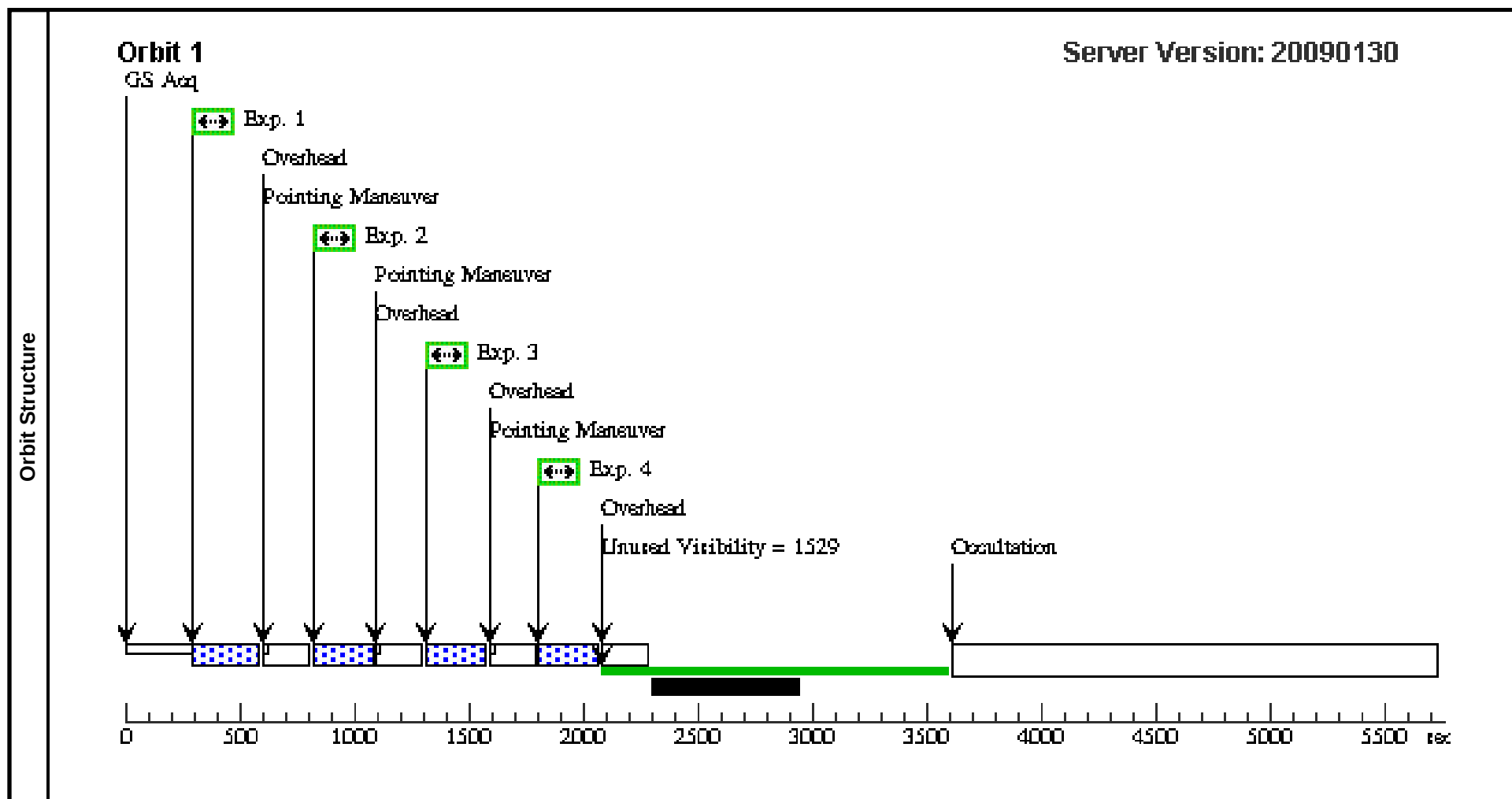
Proposal 11730 - Visit 38 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 38, scheduling Wed Jul 01 02:52:16 GMT 2009									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(38)	QSO-053007-671027	RA: 05 30 8.1000 (82.5337500d) Dec: -67 10 27.30 (-67.17425d) Equinox: J2000		V=19.2+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(38) QSO-053007-671027	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [==>]	[1]
	2		(38) QSO-053007-671027	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [==>]	[1]
	3		(38) QSO-053007-671027	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [==>]	[1]
	4		(38) QSO-053007-671027	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [==>]	[1]



Proposal 11730 - Visit 39 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 39, scheduling Wed Jul 01 02:52:16 GMT 2009 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(39)	QSO-051928-654950	RA: 05 19 28.0000 (79.8666667d) Dec: -65 49 50.10 (-65.83058d) Equinox: J2000			V=19.1+/-0.2		Reference Frame: HST_IMAGE		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(39) QSO-051928-654950	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs	
									[=>]	[1]
	2		(39) QSO-051928-654950	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs	
									[=>]	[1]
	3		(39) QSO-051928-654950	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs	
									[=>]	[1]
	4		(39) QSO-051928-654950	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs	
									[=>]	[1]



Proposal 11730 - Visit 40 - Continued Proper Motions of the Magellanic Clouds: Orbits, Internal Kinematics, and Dista...

Visit	Proposal 11730, Visit 40, scheduling Wed Jul 01 02:52:16 GMT 2009 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(40)	QSO-052056-653904	RA: 05 20 56.5000 (80.2354167d) Dec: -65 39 4.80 (-65.65133d) Equinox: J2000		V=19.9+/-0.2	Reference Frame: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(40) QSO-052056-653904	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.92500 00,10.609950		265 Secs [=>]	[1]
	2		(40) QSO-052056-653904	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9349 250,9.3192500		265 Secs [=>]	[1]
	3		(40) QSO-052056-653904	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG 9.94485 00,-9.3285500		265 Secs [=>]	[1]
	4		(40) QSO-052056-653904	WFC3/UVIS, ACCUM, UVIS1-2K4-SUB	F606W	CR-SPLIT=NO; BIN=NONE	POS TARG -9.9547 750,-10.601950		265 Secs [=>]	[1]

