



11695 - Searching for the Bottom of the Initial Mass Function

Cycle: 17, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Prof. Kevin Luhman (PI)	The Pennsylvania State University	kluhman@astro.psu.edu

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) CHAS-POS1	ACS/WFC	1	03-Aug-2009 21:23:12.0	yes
02	(2) CHAS-POS2	ACS/WFC	1	03-Aug-2009 21:23:17.0	yes
03	(3) CHAS-POS3	ACS/WFC	1	03-Aug-2009 21:23:20.0	yes
04	(4) CHAS-POS4	ACS/WFC	1	03-Aug-2009 21:23:23.0	yes
05	(5) CHAS-POS5	ACS/WFC	1	03-Aug-2009 21:23:26.0	yes
06	(6) CHAS-POS6	ACS/WFC	1	03-Aug-2009 21:23:29.0	yes
07	(7) CHAS-POS7	ACS/WFC	1	03-Aug-2009 21:23:32.0	yes
08	(8) CHAS-POS8	ACS/WFC	1	03-Aug-2009 21:23:35.0	yes
09	(9) CHAS-POS9	ACS/WFC	1	03-Aug-2009 21:23:38.0	yes
10	(10) CHAS-POS10	ACS/WFC	1	03-Aug-2009 21:23:41.0	yes
11	(11) CHAS-POS11	ACS/WFC	1	03-Aug-2009 21:23:44.0	yes
12	(12) CHAS-POS12	ACS/WFC	1	03-Aug-2009 21:23:46.0	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>
13	(13) CHAS-POS13	ACS/WFC	1	03-Aug-2009 21:23:49.0	yes
14	(14) CHAS-POS14	ACS/WFC	1	03-Aug-2009 21:23:52.0	yes
15	(15) CHAS-POS15	ACS/WFC	1	03-Aug-2009 21:23:55.0	yes
16	(16) CHAS-POS16	ACS/WFC	1	03-Aug-2009 21:23:58.0	yes
17	(17) CHAS-POS17	ACS/WFC	1	03-Aug-2009 21:24:00.0	yes
18	(18) CHAS-POS18	ACS/WFC	1	03-Aug-2009 21:24:03.0	yes
19	(19) CHAS-POS19	ACS/WFC	1	03-Aug-2009 21:24:06.0	yes
20	(20) CHAS-POS20	ACS/WFC	1	03-Aug-2009 21:24:09.0	yes

20 Total Orbits Used

ABSTRACT

The measurement of the minimum mass of the IMF would provide a fundamental test of theories of star and planet formation. In a Cycle 13 program, we used ACS and ground-based near-IR imaging and spectroscopy to measure the IMF down to a completeness limit of 10 M_{Jup} (i~24) in a 800"x1000" area in the southern subcluster of the Chamaeleon I star-forming region (2 Myr, 160 pc). There is no sign of a low-mass cutoff in this IMF measurement. To provide a better constraint on the minimum mass of the IMF, we propose to obtain ACS images of this field again and use the two ACS epochs to identify substellar cluster members down to the detection limit of the data (i~27) via their proper motions. In this way, we will improve the completeness limit of our IMF measurement to 3 M_{Jup}. In addition, to improve the number statistics of our measurement of the substellar IMF in Chamaeleon I, we propose to double the number of objects in the IMF sample by performing ACS imaging of a second field toward the northern subcluster.

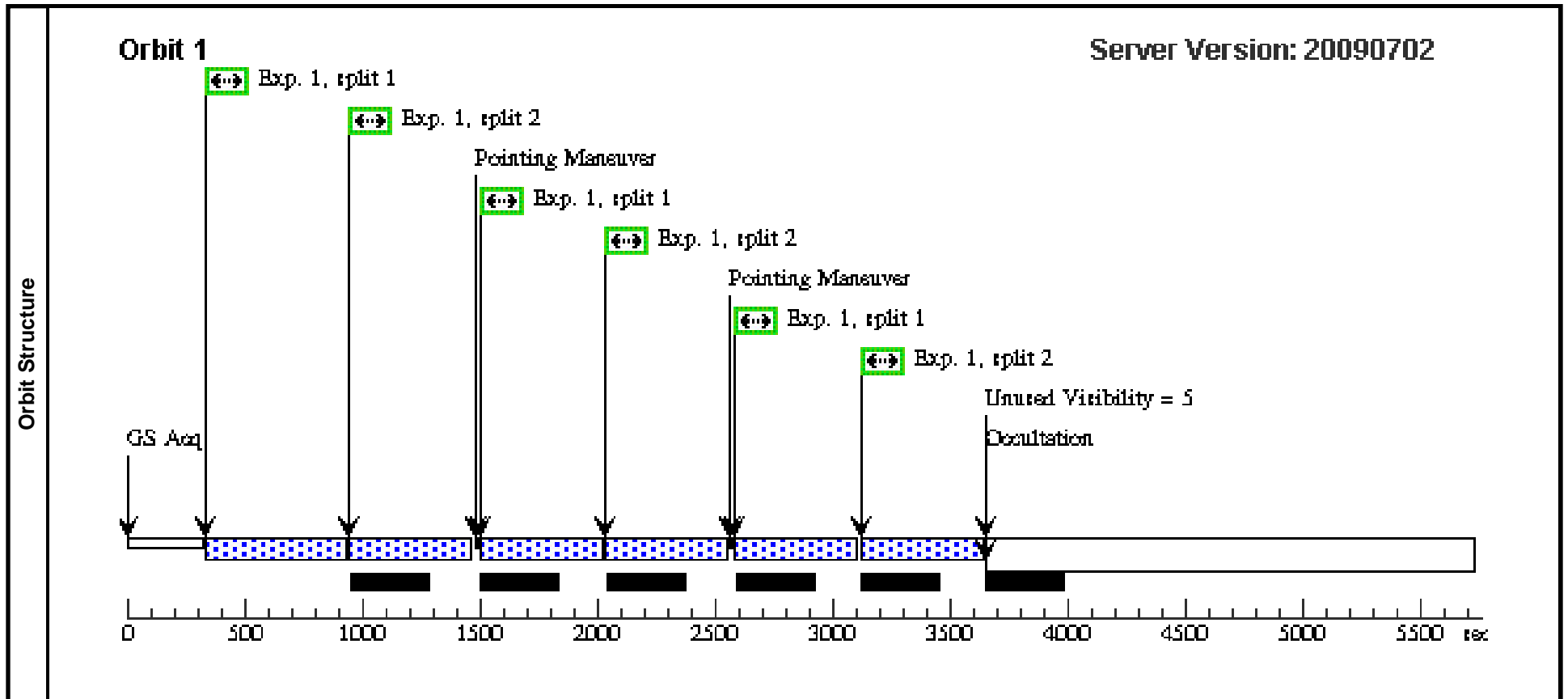
OBSERVING DESCRIPTION

This program consists of ACS/WFC images in F850LP of a 800"x1000" area. This area will be mapped through a 4x5 mosaic of adjacent ACS/WFC fields of view. The position and orientation of each cell in the mosaic will be identical to those used during ACS/WFC observations in the cycle 13 program 10138, with the exception of Visit 8, which requires a 180 degree rotation (and corresponding adjustment in position) relative to the cycle 13 observation to be schedulable. At each cell in the mosaic, two 395 sec exposures (790 sec with CR-SPLIT=2) will be obtained at each position in a three-point sub-pixel dither pattern. All exposures for a given cell in the mosaic fill one orbit, resulting in a total of 20 orbits for the 20 cells in the mosaic, which are divided into 20 visits.

Proposal 11695 - Visit 01 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:12 GMT 2009

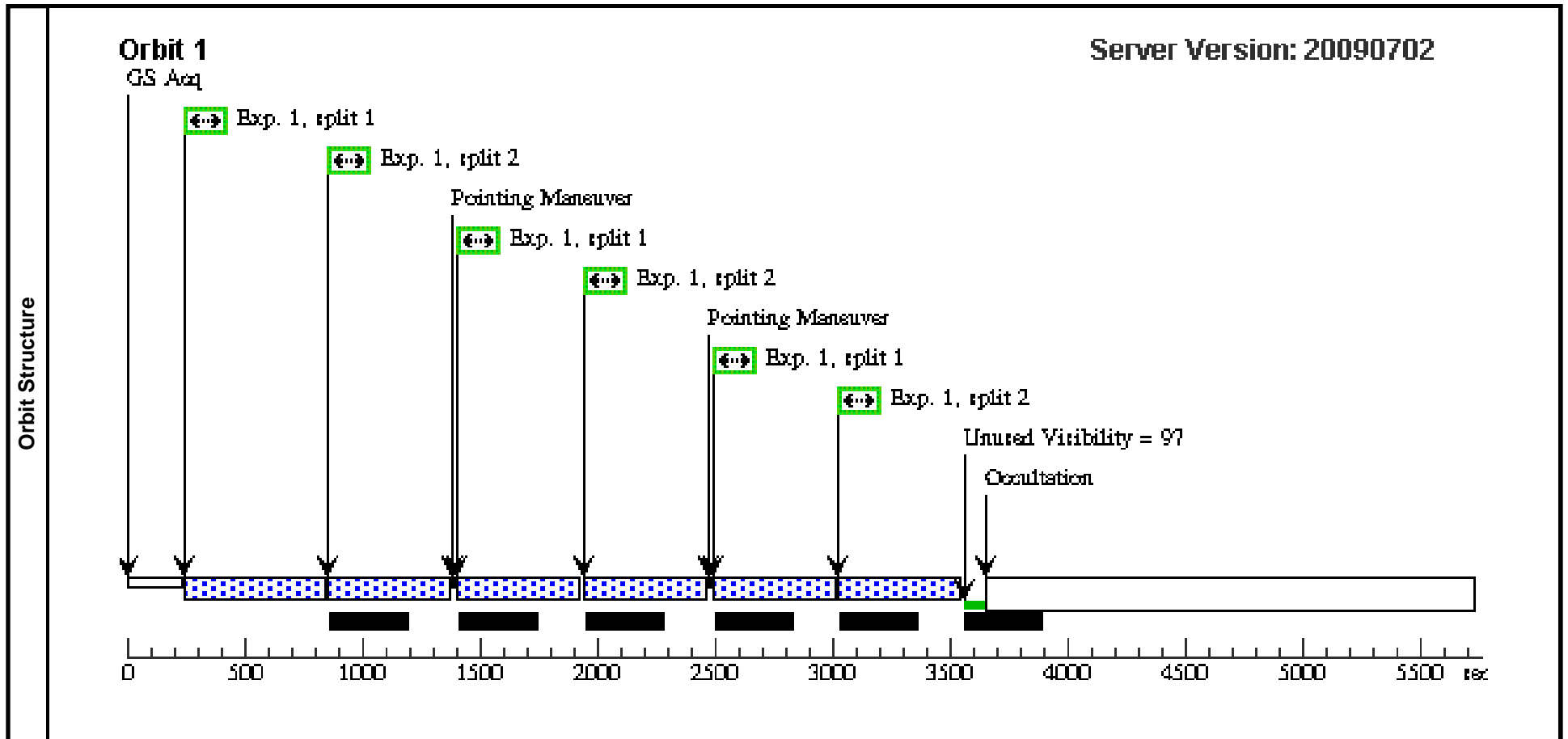
Visit	Proposal 11695, Visit 01, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 343D TO 343 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	CHAS-POS1	RA: 11 05 16.7900 (166.3199583d) Dec: -77 35 46.60 (-77.59628d) Equinox: J2000			V=30	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) CHAS-POS1	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2		Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 02 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:12 GMT 2009

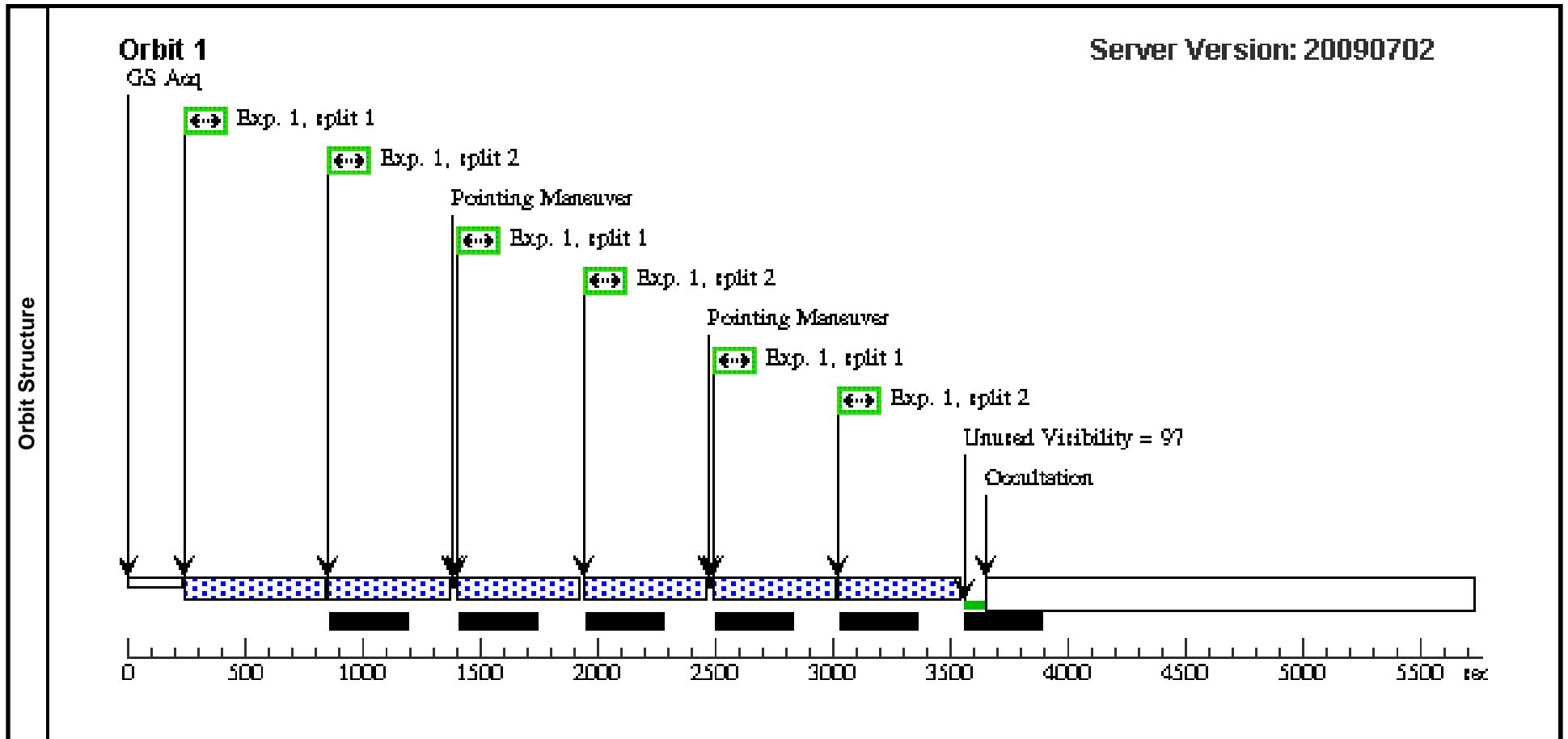
Visit	Proposal 11695, Visit 02, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 343D TO 343 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(2)	CHAS-POS2	RA: 11 06 15.6400 (166.5651667d) Dec: -77 34 41.60 (-77.57822d) Equinox: J2000			V=30	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) CHAS-POS2	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 03 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:13 GMT 2009

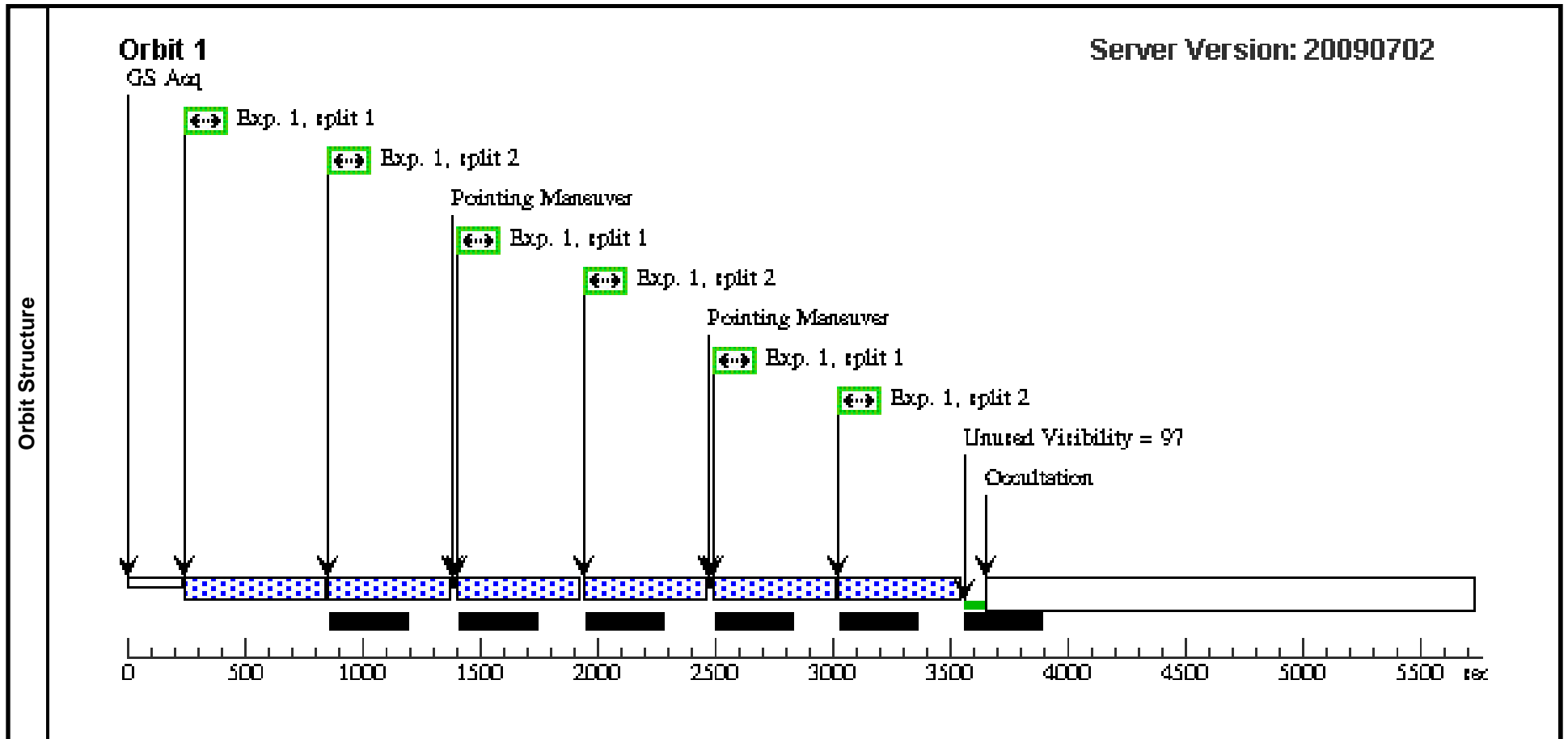
Visit	Proposal 11695, Visit 03, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 163D TO 163 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(3)	CHAS-POS3	RA: 11 07 14.3400 (166.8097500d) Dec: -77 33 36.50 (-77.56014d) Equinox: J2000			V=30	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) CHAS-POS3	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 04 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:13 GMT 2009

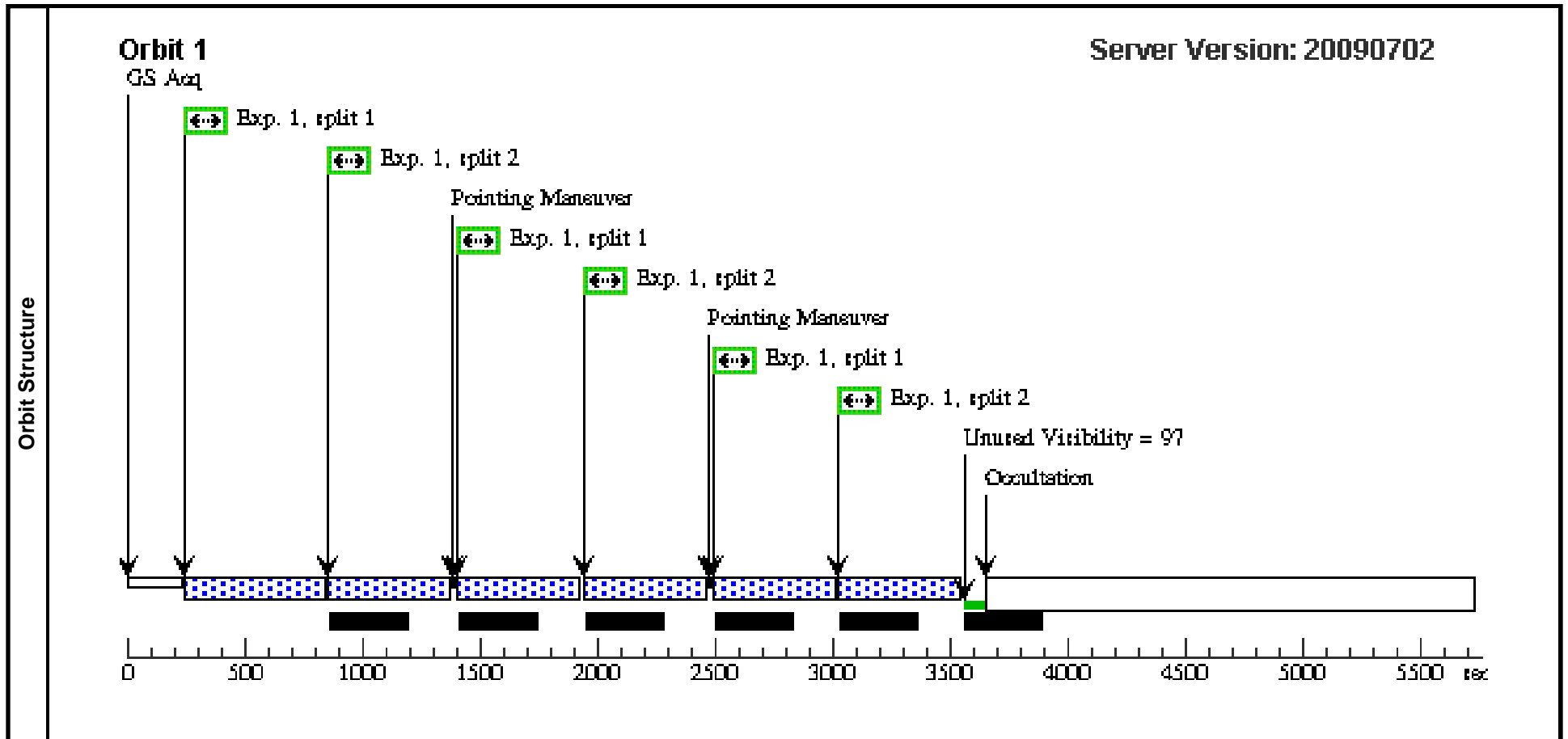
Visit	Proposal 11695, Visit 04, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 343D TO 343 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	CHAS-POS4	RA: 11 08 12.7600 (167.0531667d) Dec: -77 32 31.40 (-77.54206d) Equinox: J2000		V=30	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) CHAS-POS4	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 05 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:14 GMT 2009

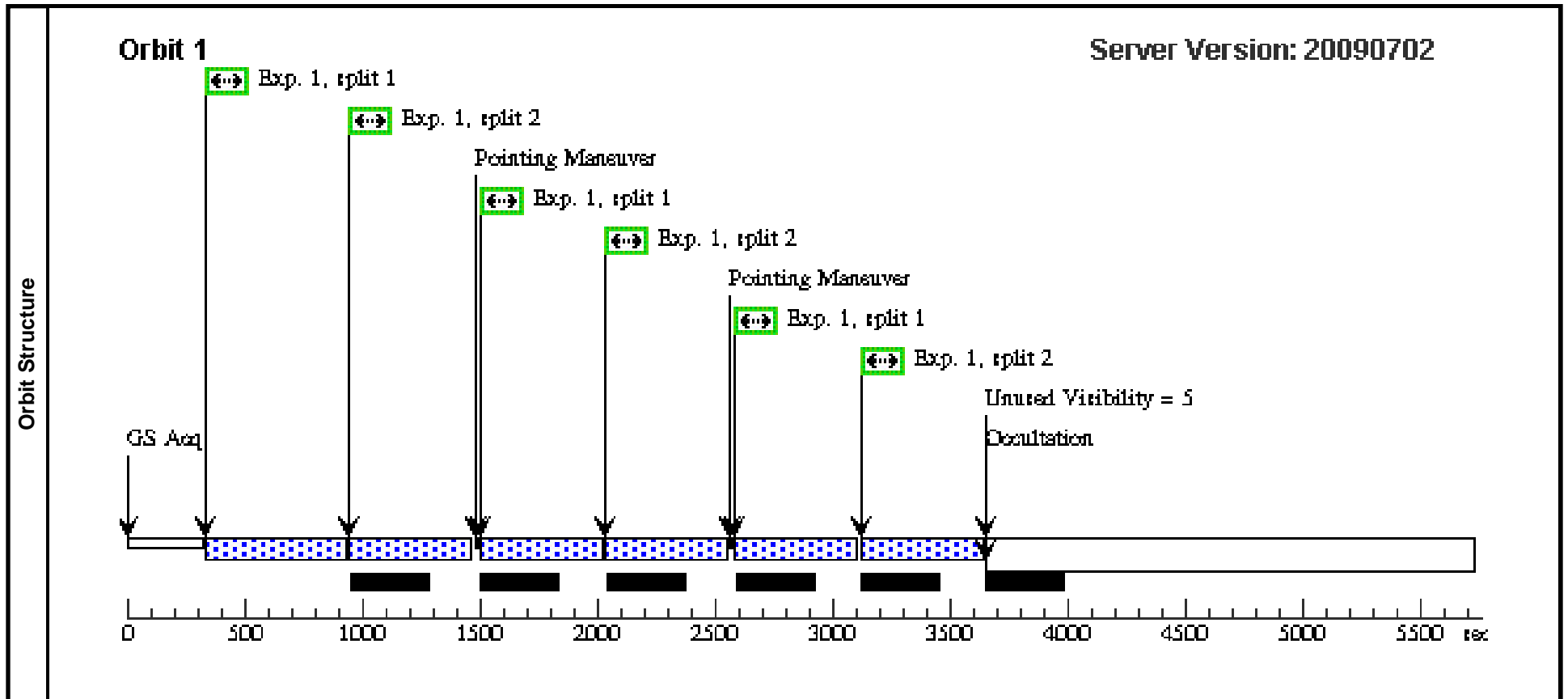
Visit	Proposal 11695, Visit 05, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 163D TO 163 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(5)	CHAS-POS5	RA: 11 09 11.1000 (167.2962500d) Dec: -77 31 26.10 (-77.52392d) Equinox: J2000			V=30	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) CHAS-POS5	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 06 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:14 GMT 2009

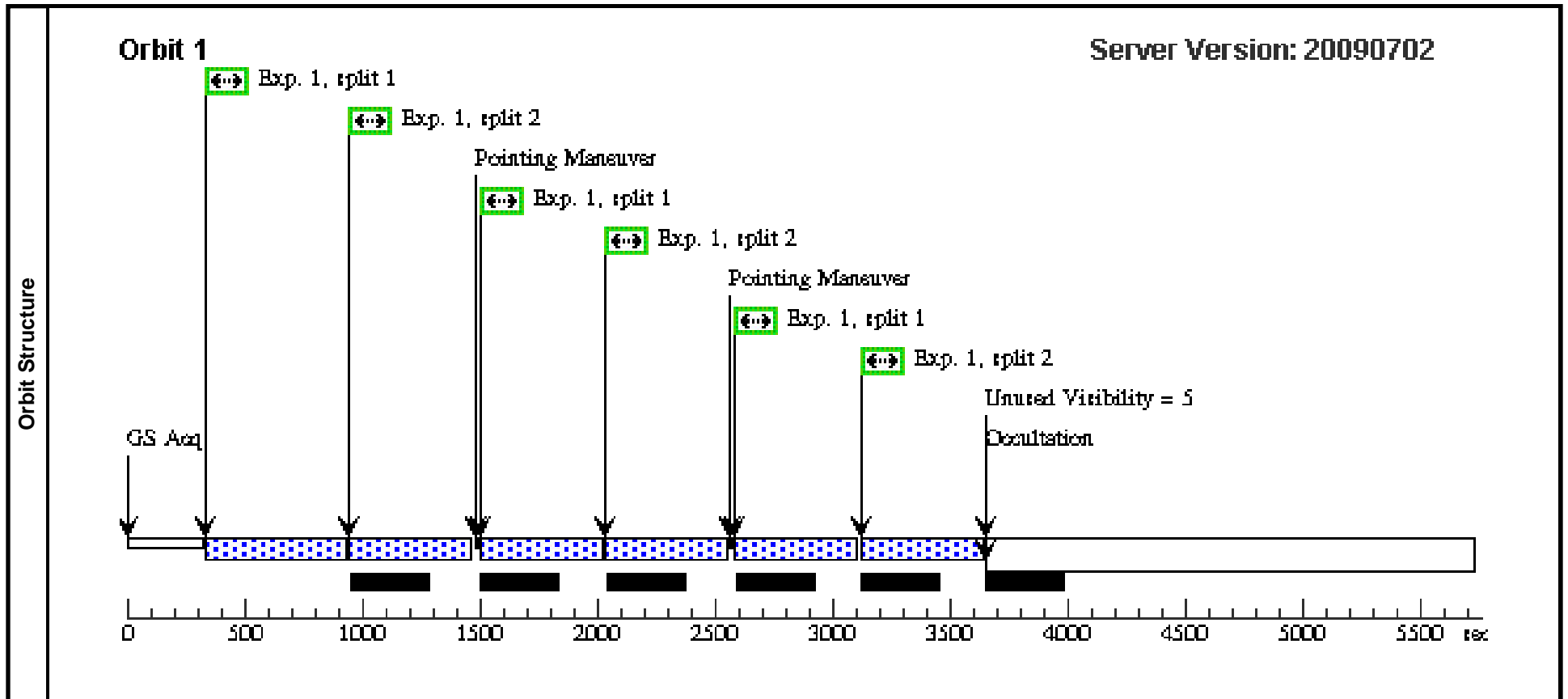
Visit	Proposal 11695, Visit 06, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 343D TO 343 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	CHAS-POS6	RA: 11 05 36.5000 (166.4020833d) Dec: -77 38 56.00 (-77.64889d) Equinox: J2000		V=30	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(6) CHAS-POS6	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2		Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 07 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:14 GMT 2009

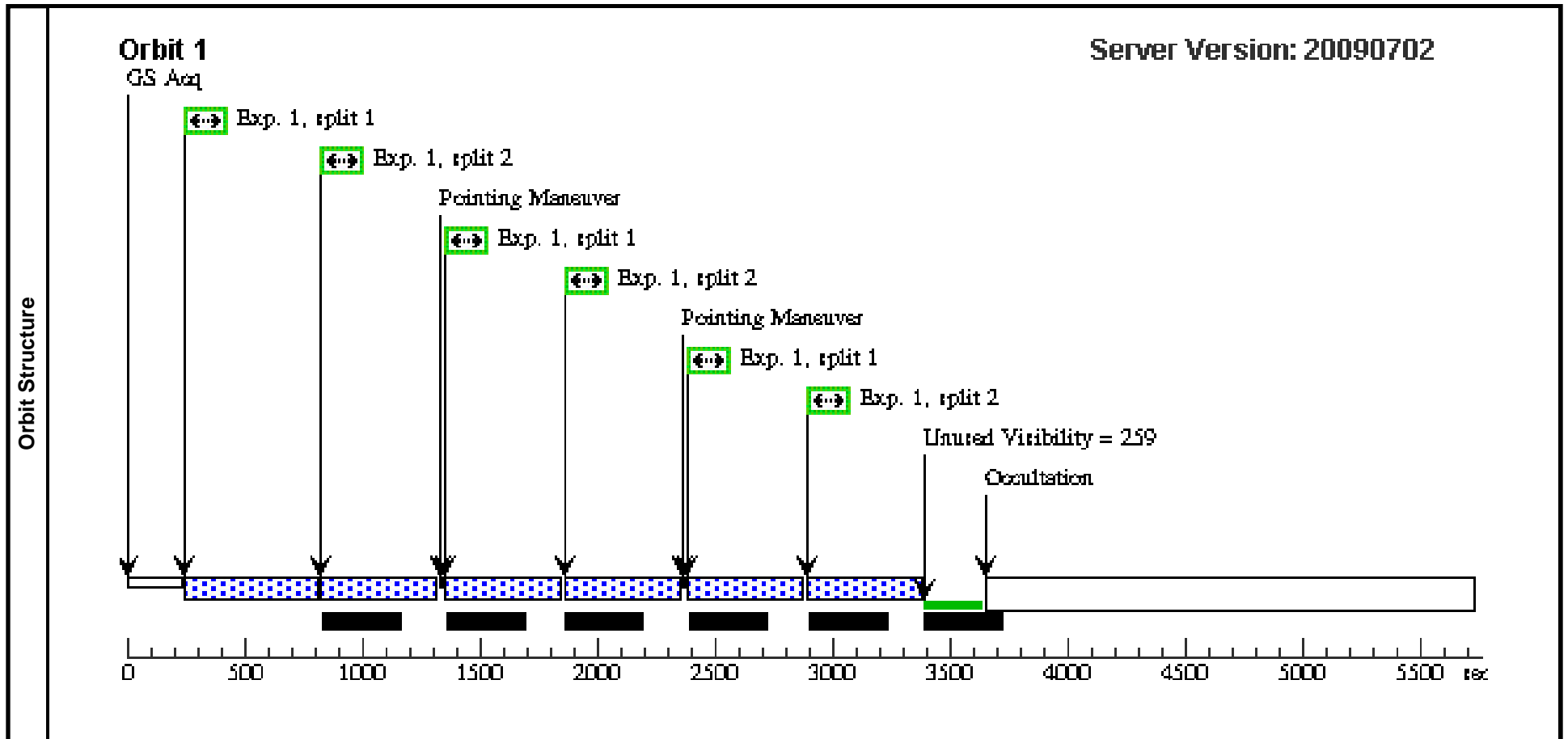
Visit	Proposal 11695, Visit 07, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 343D TO 343 D									
	Patterns	#	Primary Pattern		Secondary Pattern			Exposures		
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	CHAS-POS7	RA: 11 06 35.5700 (166.6482083d) Dec: -77 37 50.90 (-77.63081d) Equinox: J2000		V=30	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(7) CHAS-POS7	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2		Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 08 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:14 GMT 2009

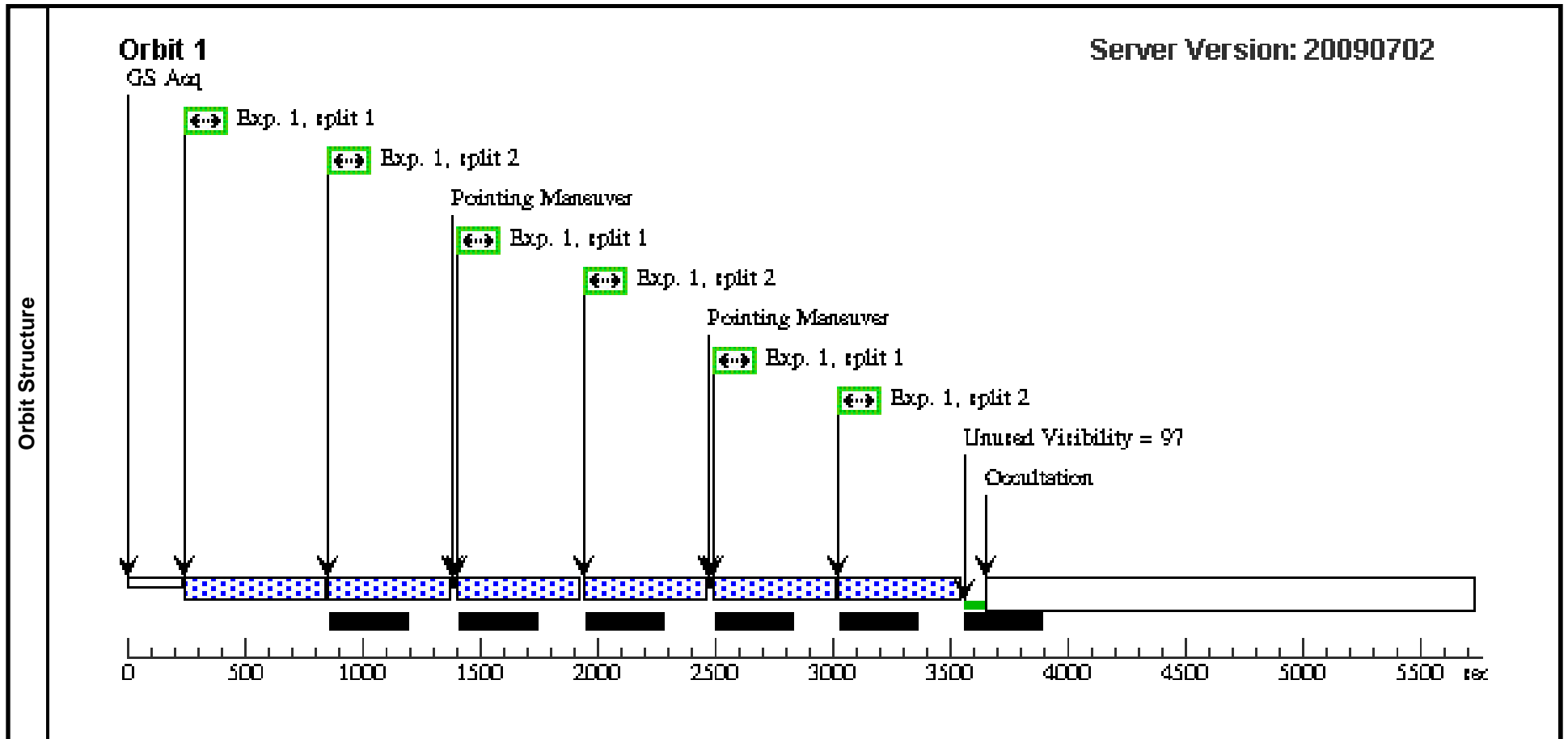
Visit	Proposal 11695, Visit 08, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 253D TO 253 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(8)	CHAS-POS8	RA: 11 07 34.4800 (166.8936667d) Dec: -77 36 45.80 (-77.61272d) Equinox: J2000			V=30	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(8) CHAS-POS8	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 (1)	736 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 09 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:15 GMT 2009

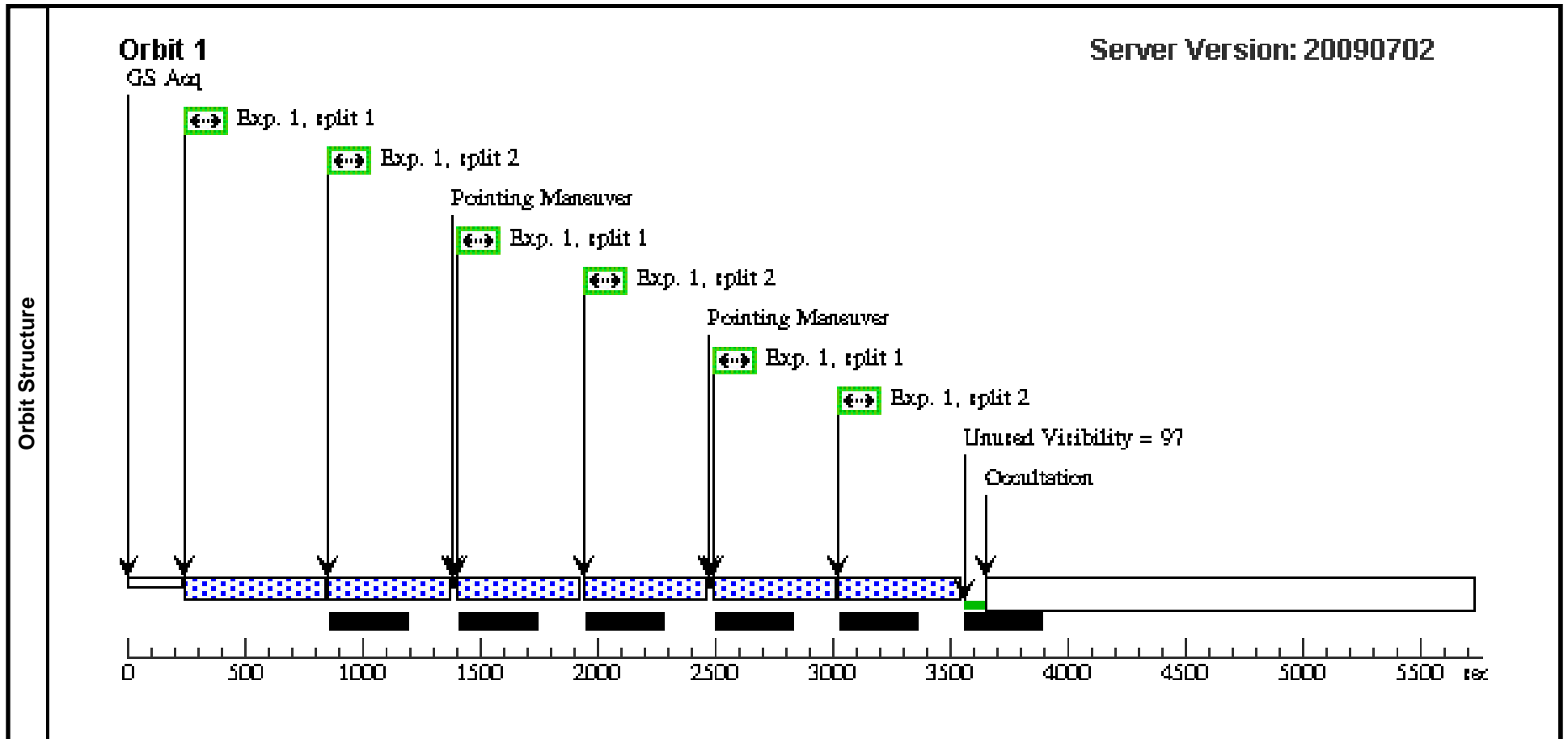
Visit	Proposal 11695, Visit 09, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 151.5D TO 151.5 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(9)	CHAS-POS9	RA: 11 08 33.1800 (167.1382500d) Dec: -77 35 40.70 (-77.59464d) Equinox: J2000			V=30	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(9) CHAS-POS9	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 10 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:15 GMT 2009

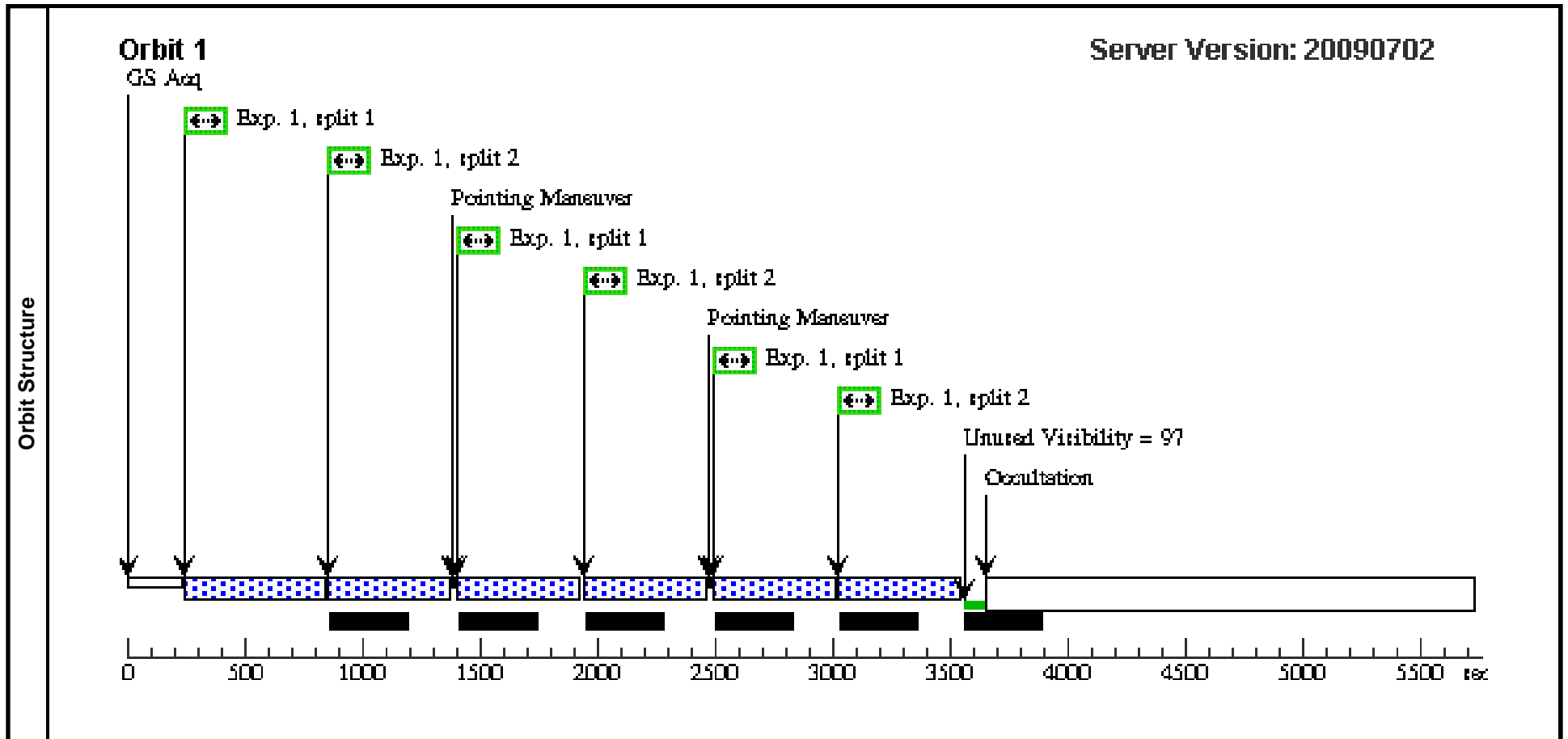
Visit	Proposal 11695, Visit 10, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 163D TO 163 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	CHAS-POS10	RA: 11 09 31.6800 (167.3820000d) Dec: -77 34 35.50 (-77.57653d) Equinox: J2000		V=30	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(10) CHAS-POS10	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 11 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:15 GMT 2009

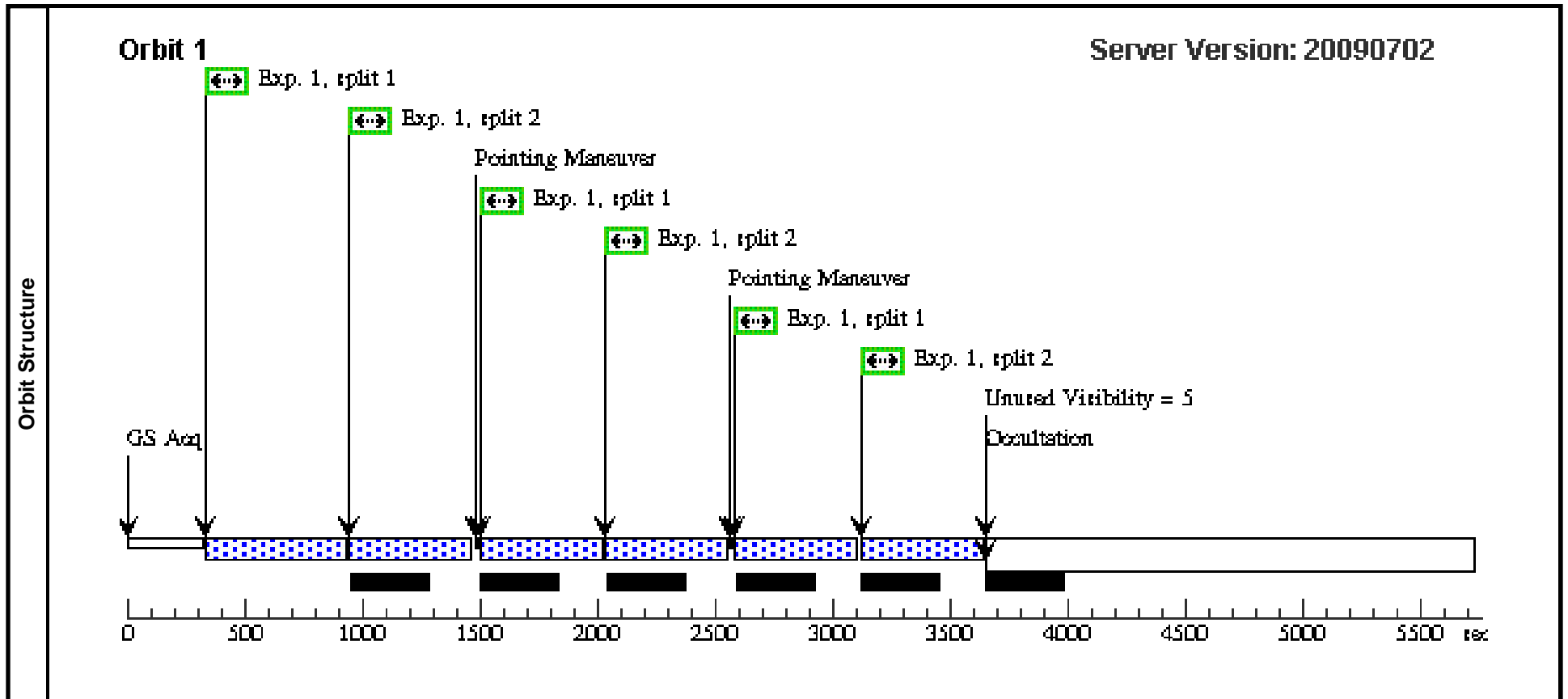
Visit	Proposal 11695, Visit 11, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 343D TO 343 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	CHAS-POS11	RA: 11 05 56.3800 (166.4849167d) Dec: -77 42 5.20 (-77.70144d) Equinox: J2000		V=30	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) CHAS-POS11	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 12 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:15 GMT 2009

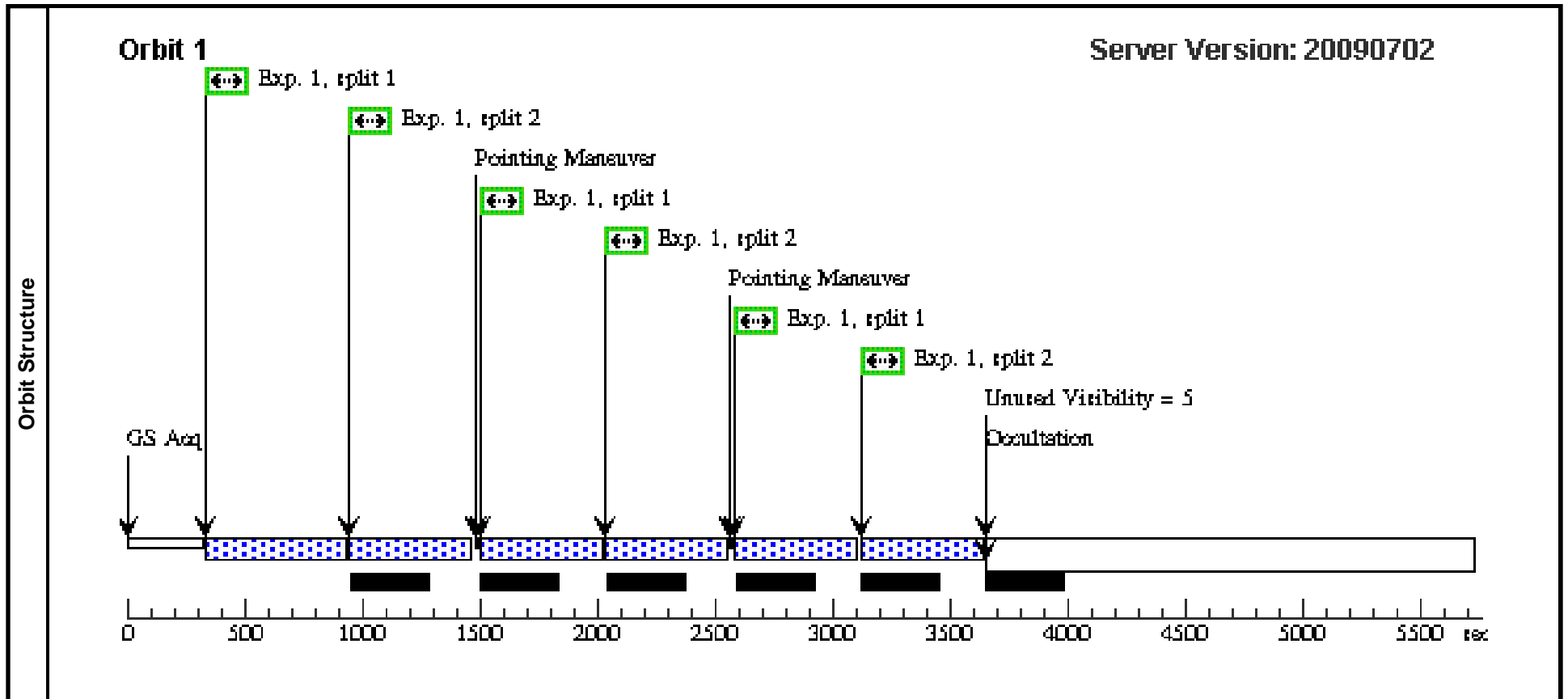
Visit	Proposal 11695, Visit 12, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 343D TO 343 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(12)	CHAS-POS12	RA: 11 06 55.6200 (166.7317500d) Dec: -77 41 0.00 (-77.68333d) Equinox: J2000		V=30	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(12) CHAS-POS12	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 13 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:16 GMT 2009

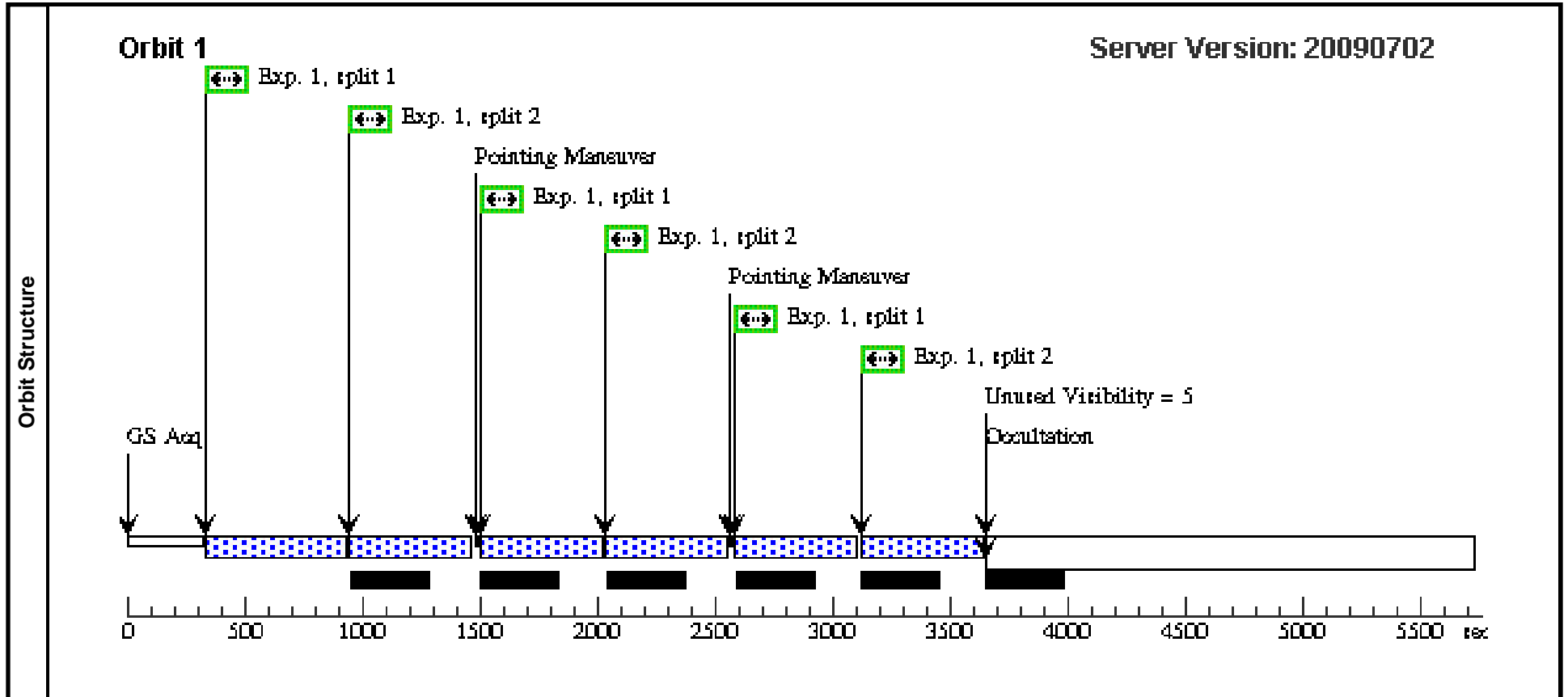
Visit	Proposal 11695, Visit 13, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 163D TO 163 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(13)	CHAS-POS13	RA: 11 07 54.7400 (166.9780833d) Dec: -77 39 54.80 (-77.66522d) Equinox: J2000		V=30	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(13) CHAS-POS13	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2		Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 14 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:16 GMT 2009

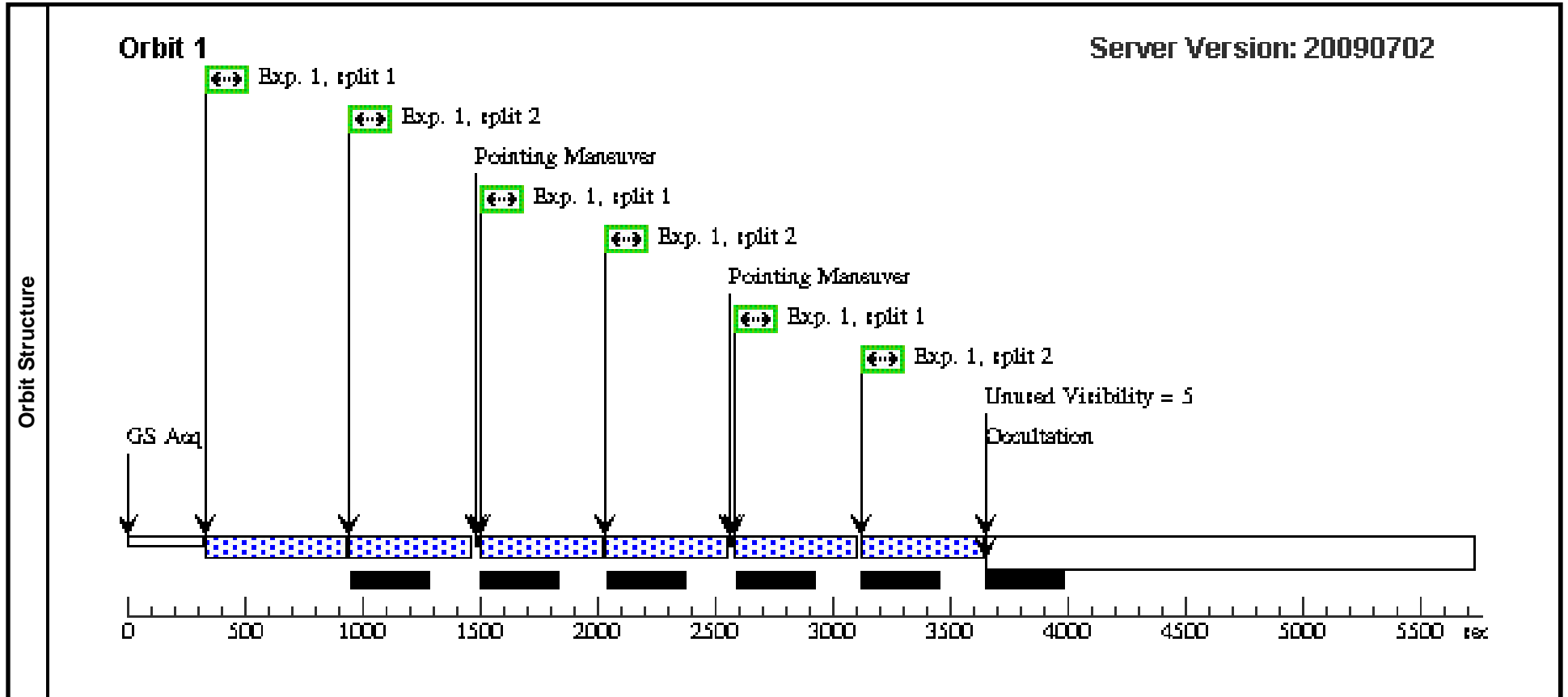
Visit	Proposal 11695, Visit 14, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 163D TO 163 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(14)	CHAS-POS14	RA: 11 08 53.6800 (167.2236667d) Dec: -77 38 49.70 (-77.64714d) Equinox: J2000		V=30	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(14) CHAS-POS14	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2		Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 15 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:16 GMT 2009

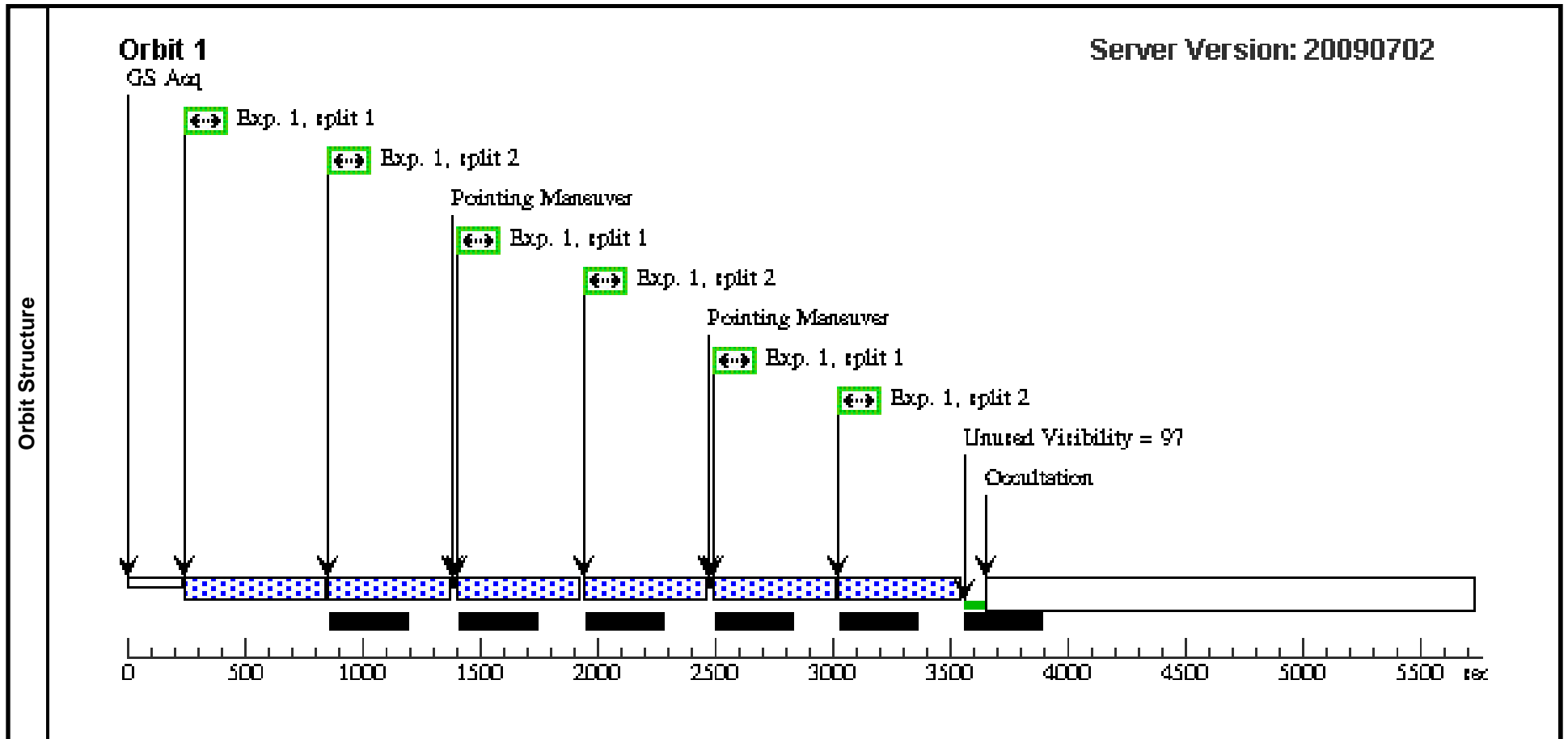
Visit	Proposal 11695, Visit 15, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 163D TO 163 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(15)	CHAS-POS15	RA: 11 09 52.4000 (167.4683333d) Dec: -77 37 44.50 (-77.62903d) Equinox: J2000			V=30	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(15) CHAS-POS15	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2		Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 16 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:17 GMT 2009

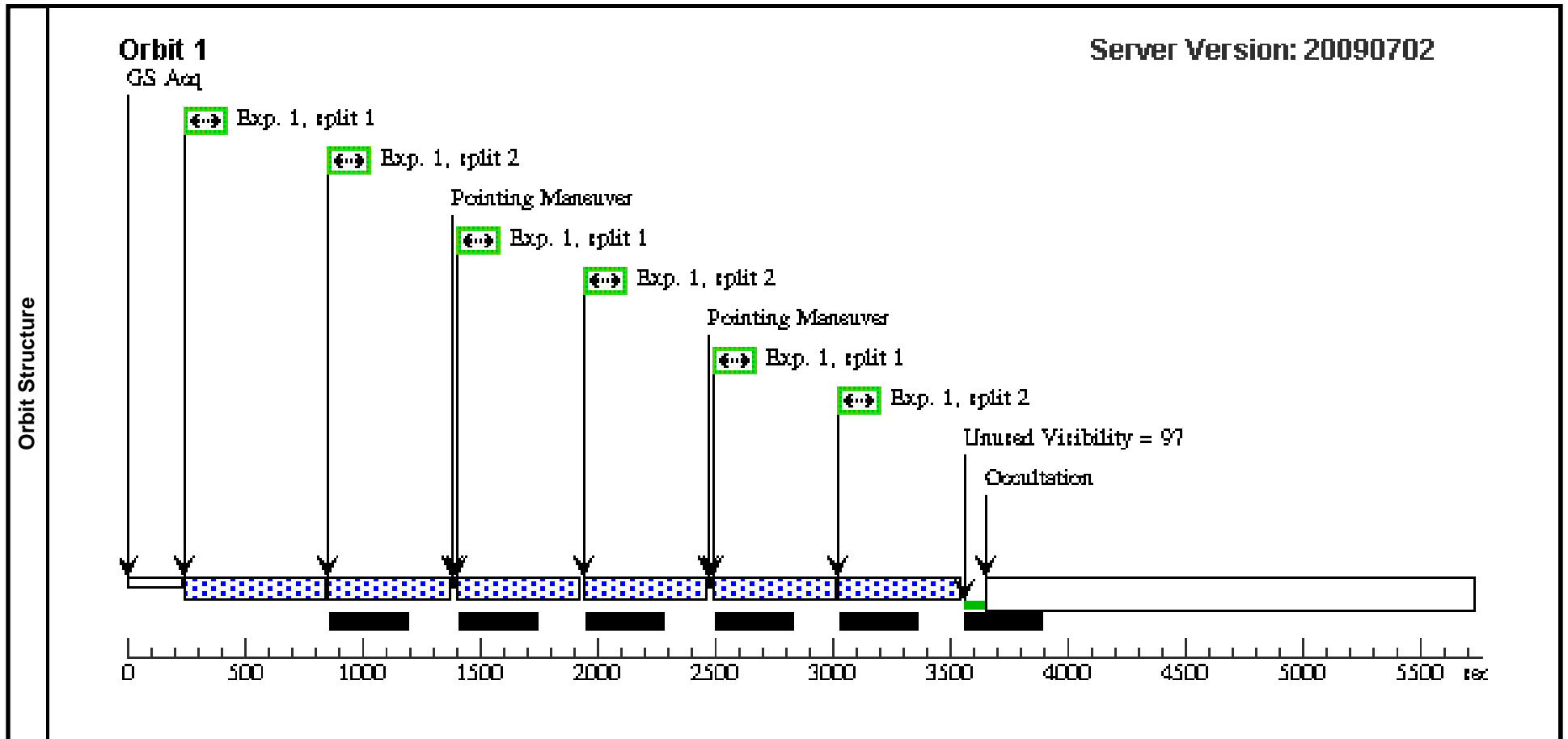
Visit	Proposal 11695, Visit 16, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 343D TO 343 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(16)	CHAS-POS16	RA: 11 06 16.3900 (166.5682917d) Dec: -77 45 14.30 (-77.75397d) Equinox: J2000		V=30	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(16) CHAS-POS16	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 17 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:17 GMT 2009

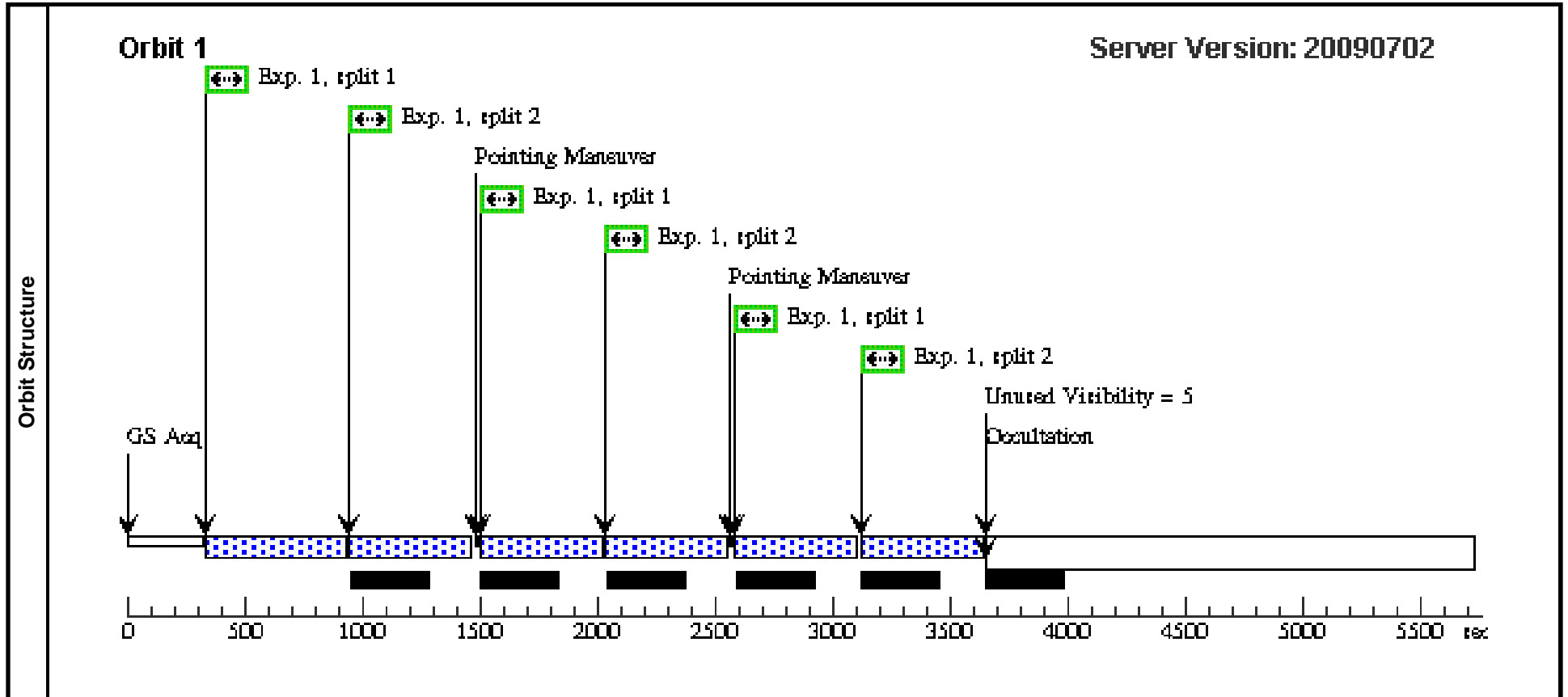
Visit	Proposal 11695, Visit 17, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 343D TO 343 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(17)	CHAS-POS17	RA: 11 07 15.8700 (166.8161250d) Dec: -77 44 9.10 (-77.73586d) Equinox: J2000		V=30	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(17) CHAS-POS17	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 18 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:17 GMT 2009

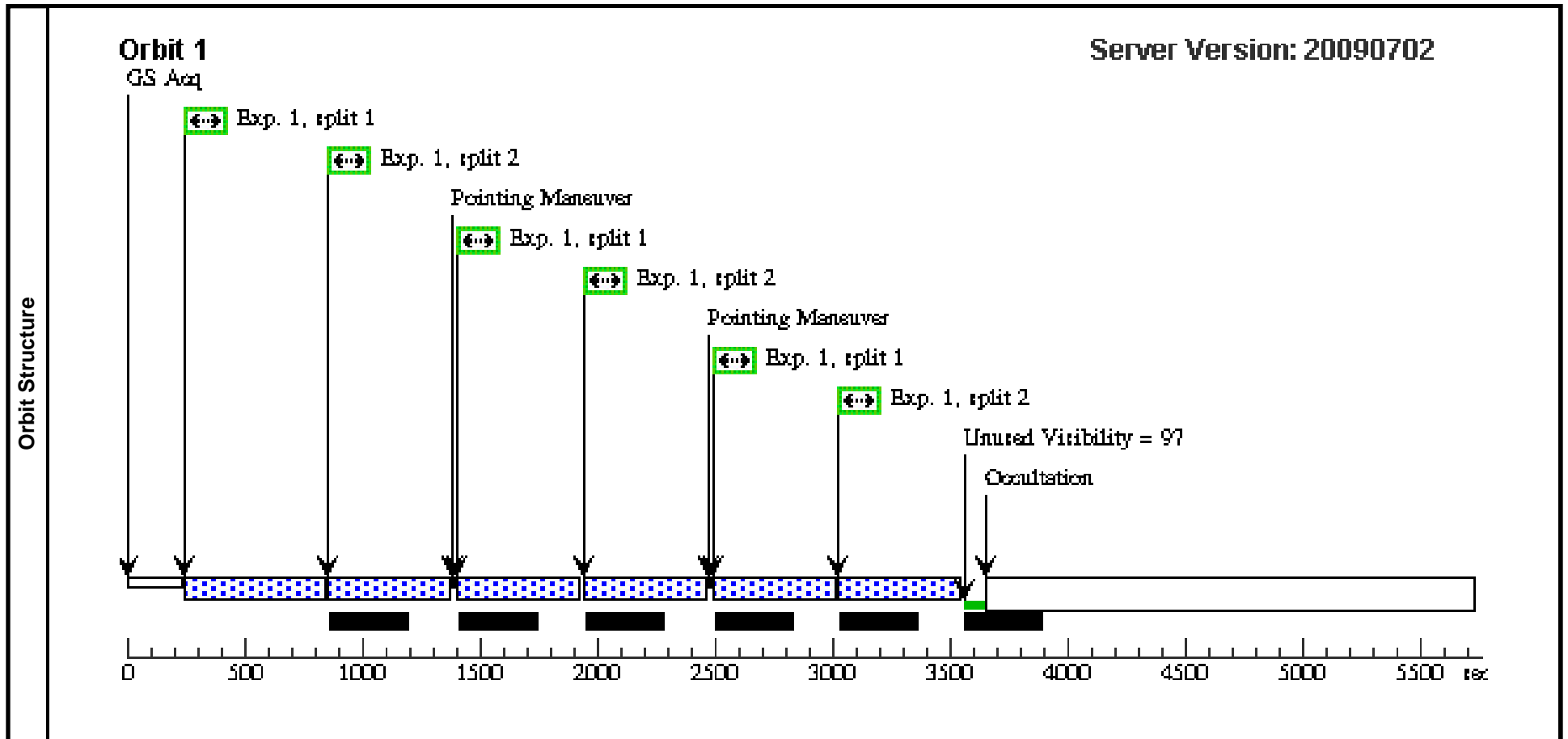
Visit	Proposal 11695, Visit 18, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 163D TO 163 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(18)	CHAS-POS18	RA: 11 08 15.1900 (167.0632917d) Dec: -77 43 3.90 (-77.71775d) Equinox: J2000		V=30	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(18) CHAS-POS18	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2		Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 19 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:17 GMT 2009

Visit	Proposal 11695, Visit 19, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 163D TO 163 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false					(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(19)	CHAS-POS19	RA: 11 09 15.7100 (167.3154583d) Dec: -77 42 24.70 (-77.70686d) Equinox: J2000		V=30	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(19) CHAS-POS19	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



Proposal 11695 - Visit 20 - Searching for the Bottom of the Initial Mass Function

Tue Aug 04 01:24:18 GMT 2009

Visit	Proposal 11695, Visit 20, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 163D TO 163 D									
	Patterns	#	Primary Pattern	Secondary Pattern			Exposures			
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.170 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.23 Angle Between Sides= Center Pattern=false				(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(20)	CHAS-POS20	RA: 11 10 13.2900 (167.5553750d) Dec: -77 40 53.50 (-77.68153d) Equinox: J2000		V=30	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(20) CHAS-POS20	ACS/WFC, ACCUM, WFC-FIX	F850LP	CR-SPLIT=2		Pattern 1, Exps 1-1 (1)	790 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]

