



# 10396 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Cycle: 13, Proposal Category: GO

(Availability Mode: SUPPORTED)

## INVESTIGATORS

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## VISITS

<i>Visit</i>	<i>Targets</i>	<i>Configurations</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) NGC416	ACS/WFC	2	08-Mar-2006 23:30:57.0	yes

Proposal 10396 - Overview

<i>Visit</i>	<i>Targets</i>	<i>Configurations</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
02	(2) LINDSAY-38	ACS/WFC	2	08-Mar-2006 23:31:11.0	yes
03	(3) NGC419	ACS/WFC	2	08-Mar-2006 23:31:19.0	yes
04	(4) NGC339	ACS/WFC	2	08-Mar-2006 23:31:30.0	yes
05	(5) LINDSAY-1	ACS/WFC	2	08-Mar-2006 23:31:37.0	yes
06	(6) NGC121	ACS/WFC	2	08-Mar-2006 23:31:43.0	yes
07	(7) KRON-3	ACS/WFC	2	08-Mar-2006 23:31:50.0	yes
10	(8) SFH-1	ACS/WFC	2	08-Mar-2006 23:32:02.0	yes
11	(9) SFH-4	ACS/WFC	2	08-Mar-2006 23:32:09.0	yes
12	(13) SFH-10A	ACS/WFC	2	08-Mar-2006 23:32:21.0	yes
14	(11) SFH-8	ACS/WFC	2	08-Mar-2006 23:32:27.0	yes
15	(12) SFH-9	ACS/WFC	2	08-Mar-2006 23:32:34.0	yes
16	(14) SFH-5	ACS/WFC	2	08-Mar-2006 23:32:46.0	yes
A1	(1) NGC416	ACS/HRC	1	08-Mar-2006 23:32:51.0	yes
A2	(15) NGC419-CENTERED	ACS/HRC	1	08-Mar-2006 23:32:56.0	yes
A4	(6) NGC121	ACS/HRC	1	08-Mar-2006 23:33:01.0	yes
21	(1) NGC416	ACS/WFC	2	08-Mar-2006 23:33:13.0	yes
23	(3) NGC419	ACS/WFC	2	08-Mar-2006 23:33:19.0	yes

33 Total Orbits Used

**ABSTRACT**

As the closest star forming dwarf galaxy, the SMC is the preferred location for detailed studies of this extremely common class of objects. We therefore propose to use the capabilities of ACS, which provide an improvement by an order of magnitude over what is possible with ground-based

## Proposal 10396 - Overview

optical imaging surveys that are limited by confusion and depth, to measure key stellar population parameters in the SMC from VI color-magnitude diagrams. Our program focuses on regions where crowding makes HST essential and includes 7 star clusters and 7 field star locations. We will measure accurate ages of the clusters, test stellar evolution models, gain fiducial stellar sequences to use in fitting the field stars, check the form of the IMF, and substantially extend the study of RR Lyrae variables in the key NGC121 SMC globular cluster. The field pointings will allow us to reconstruct the star formation history, look for enhanced star formation that is expected when the SMC interacts with the LMC and/or Milky Way, and compare its main sequence luminosity (and mass) functions with those of the Milky Way, LMC, and UMi dwarf spheroidal. This proposal is part of a coordinated HST and ground-based study of the stellar history and star formation processes in the SMC.

### **OBSERVING DESCRIPTION**

Visit 01-07, 13-16 have the same structure.

The cluster is centered in WFC, but we use small post-target to move the cluster center away from the gap between the chips and the amplifiers edge at the center of the FOV. The choice is to move the center of the cluster toward Amp-B because of the lower readnoise and better cosmetics. Two orbits are devoted to each cluster, a pair of dithered short exposure (10-20sec) + a dither box pattern with long exposures. Gain=2 has been selected to gain ~0.3 mag in saturation level.

For visits 10-12 we use a different strategy. These regions may contain young-bright stars that would saturate in 10-20sec. So we take 2 very short exposure (1sec) + a 3 points dither with long exposure and, at the end of each orbit, an intermediate (50sec) exposure.

Only one intermediate exposure can be fitted in each orbit, therefore, for CR-rejection (and hot pixel)

we will need to combine the 50 sec exposure with the short exposures...

Finally in visits A1-A4 HRC will be centered in the crowdest region of the intermediate-age cluster. A sequence of dithered observation with short and long exposure, will assure the appropriate S/N coverage.

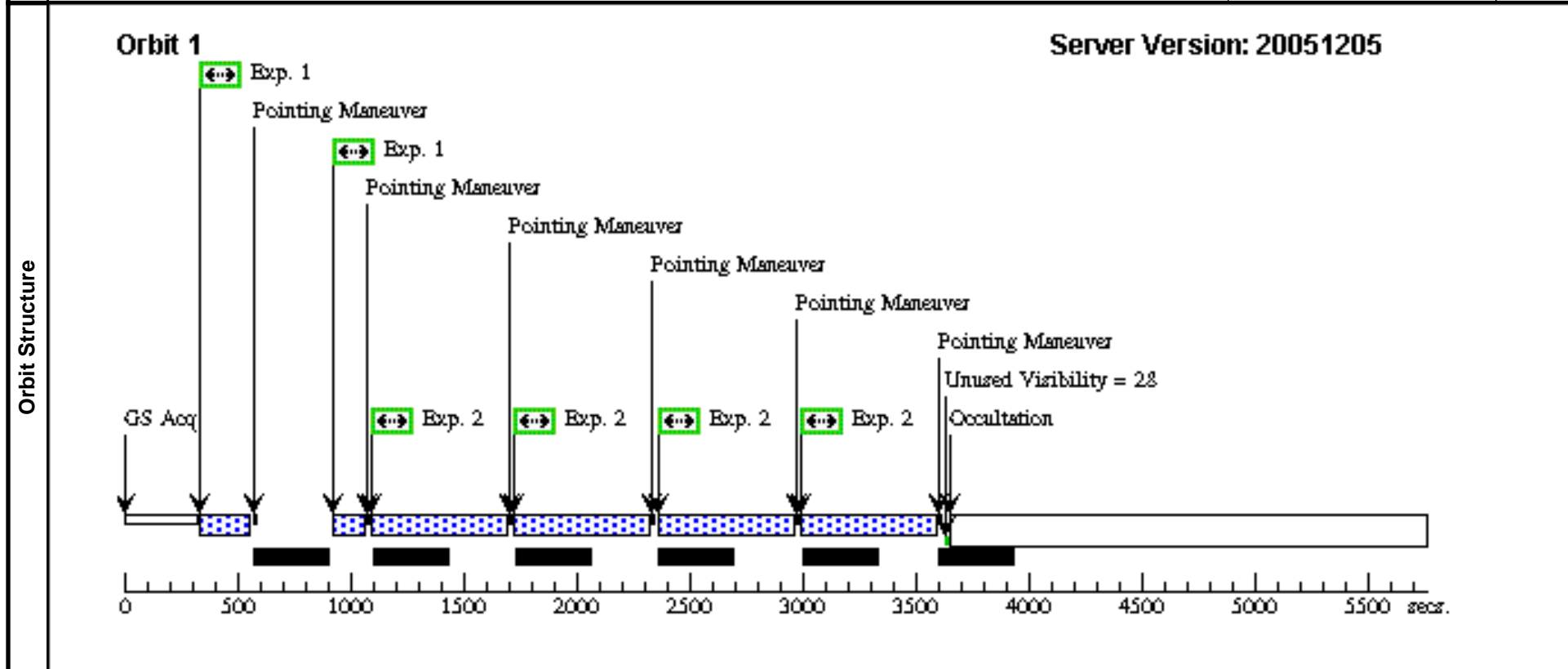
Proposal 10396 - Visit 01 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

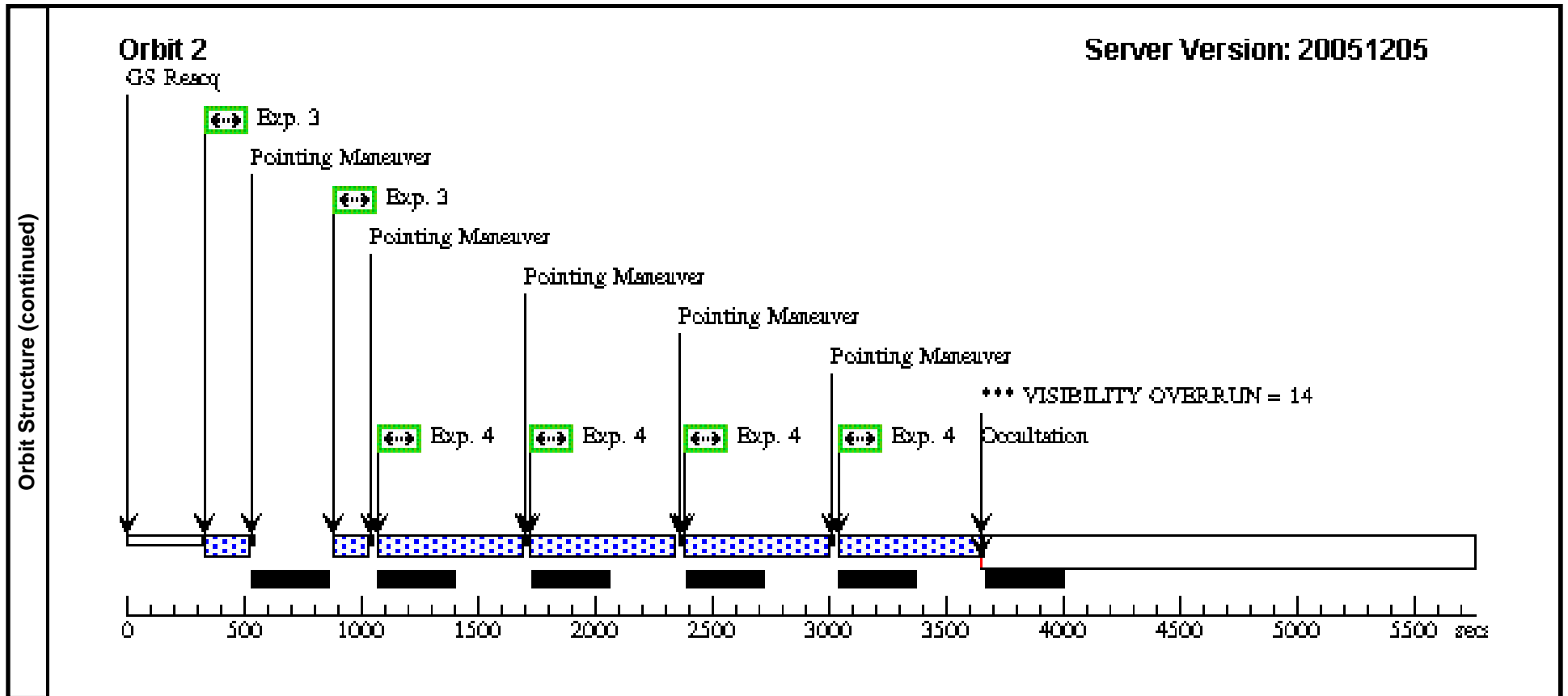
Thu Mar 09 04:33:21 GMT 2006

<b>Visit</b>	<b>Proposal 10396, Visit 01</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: ACS/WFC Special Requirements: (none)									
	(Visit 01) Warning: VISIBILITY OVERRUN									
<b>Diagnostics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=3 Line Spacing=3		Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false					(2), (4)	
<b>Patterns</b>	(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false					(1), (3)	
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>		
	(1)	NGC416	RA: 01 07 58.9700 (16.9957083d) Dec: -72 21 19.50 (-72.35542d) Equinox: J2000 Plate Id: (?)				V=11.4	Coordinate Source: CDS		
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	NGC 416 V short lowres	(1) NGC416	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 10,25	Pattern 1-1 (2)	10.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
<b>Exposures</b>	2	NGC 416 V long lowres	(1) NGC416	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 10,25	Pattern 2-2 (1)	474.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]

Proposal 10396 - Visit 01 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	3	NGC 416 I s hort lowres	(1) NGC416	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 10,25	Pattern 3-3 (2)	20.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[2]
4	NGC 416 II ong lowres	(1) NGC416	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 10,25	Pattern 4-4 (1)	496.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





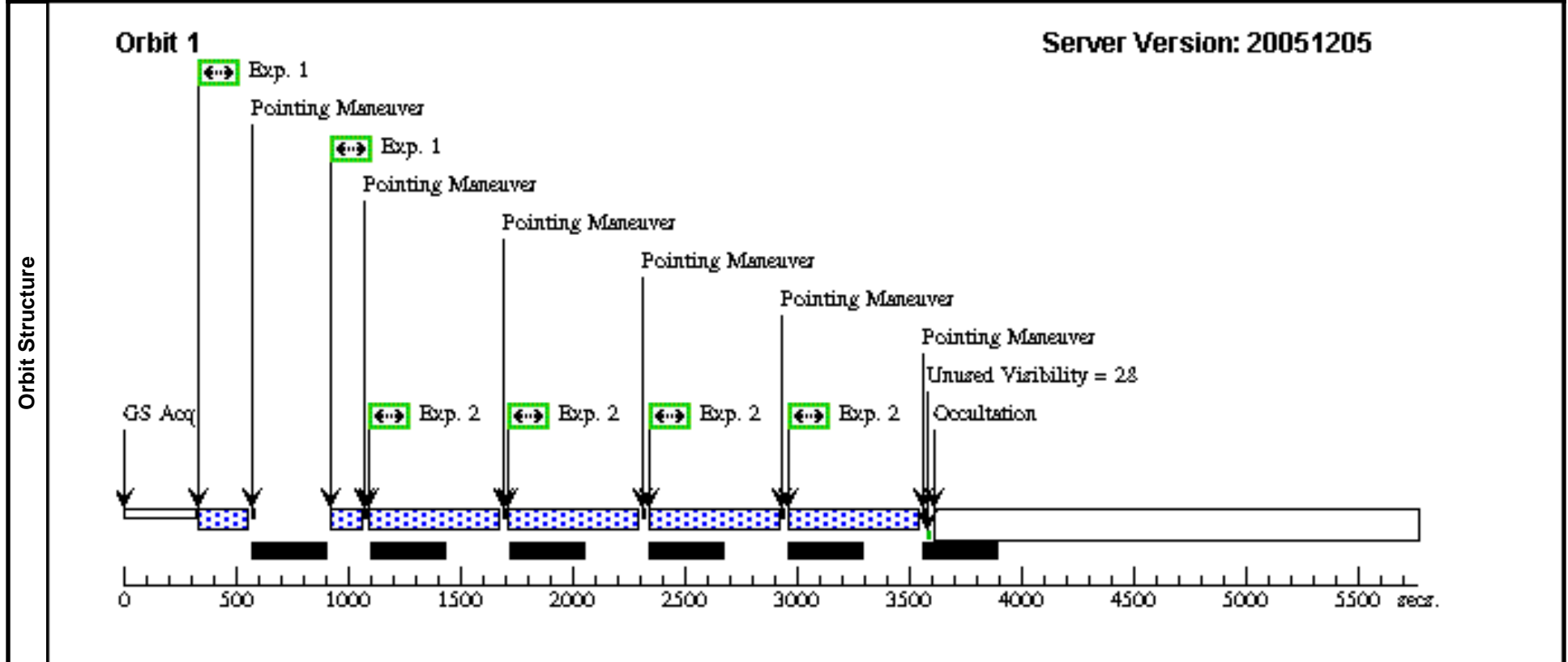
Proposal 10396 - Visit 02 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

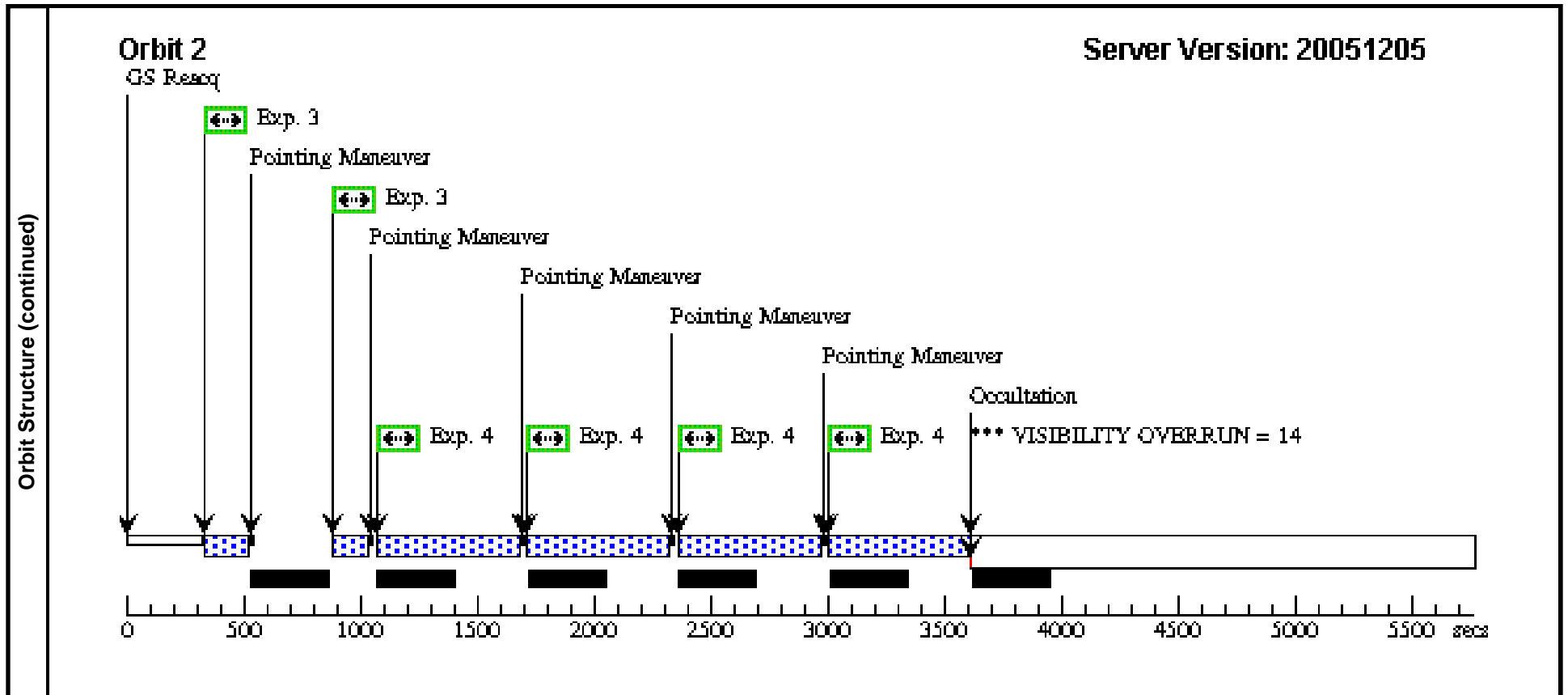
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<b>Visit</b>	<b>Proposal 10396, Visit 02</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: ACS/WFC Special Requirements: (none)										
	(Visit 02) Warning: VISIBILITY OVERRUN										
<b>Diagnosics</b>											
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>				<b>Exposures</b>	
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=3 Line Spacing=3				Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false				(2), (4)	
<b>Patterns</b>	(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false				(1), (3)	
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>			<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>		
	(2)	LINDSAY-38	RA: 00 48 50.4500 (12.2102083d) Dec: -69 52 0.53 (-69.86681d) Equinox: J2000 Plate Id: (?)					V=16.2	Coordinate Source: CDS		
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>		<b>Orbit</b>
	1	Lindsay-38 V short lowres	(2) LINDSAY-38	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 20,25	Pattern 1-1 (2)	10.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]		[1]
<b>Exposures</b>	2	Lindsay-38 V long lowres	(2) LINDSAY-38	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 20,25	Pattern 2-2 (1)	463.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]

Proposal 10396 - Visit 02 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	3	Lindsay-38 I (2) LINDSAY-38 short lowres	(2) LINDSAY-38	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 20,25	Pattern 3-3 (2)	20.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[2]
4	Lindsay-38 I (2) LINDSAY-38 long lowres	(2) LINDSAY-38	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 20,25	Pattern 4-4 (1)	485.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





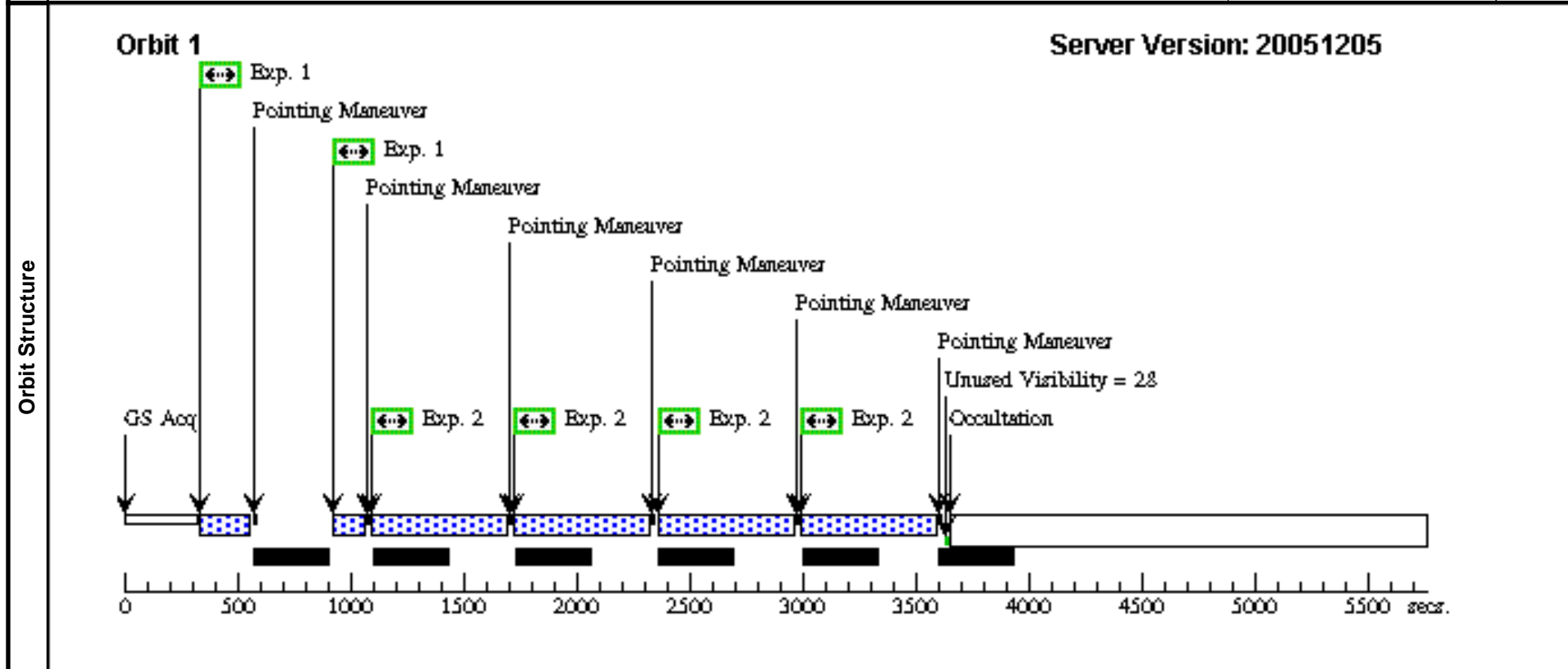
Proposal 10396 - Visit 03 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

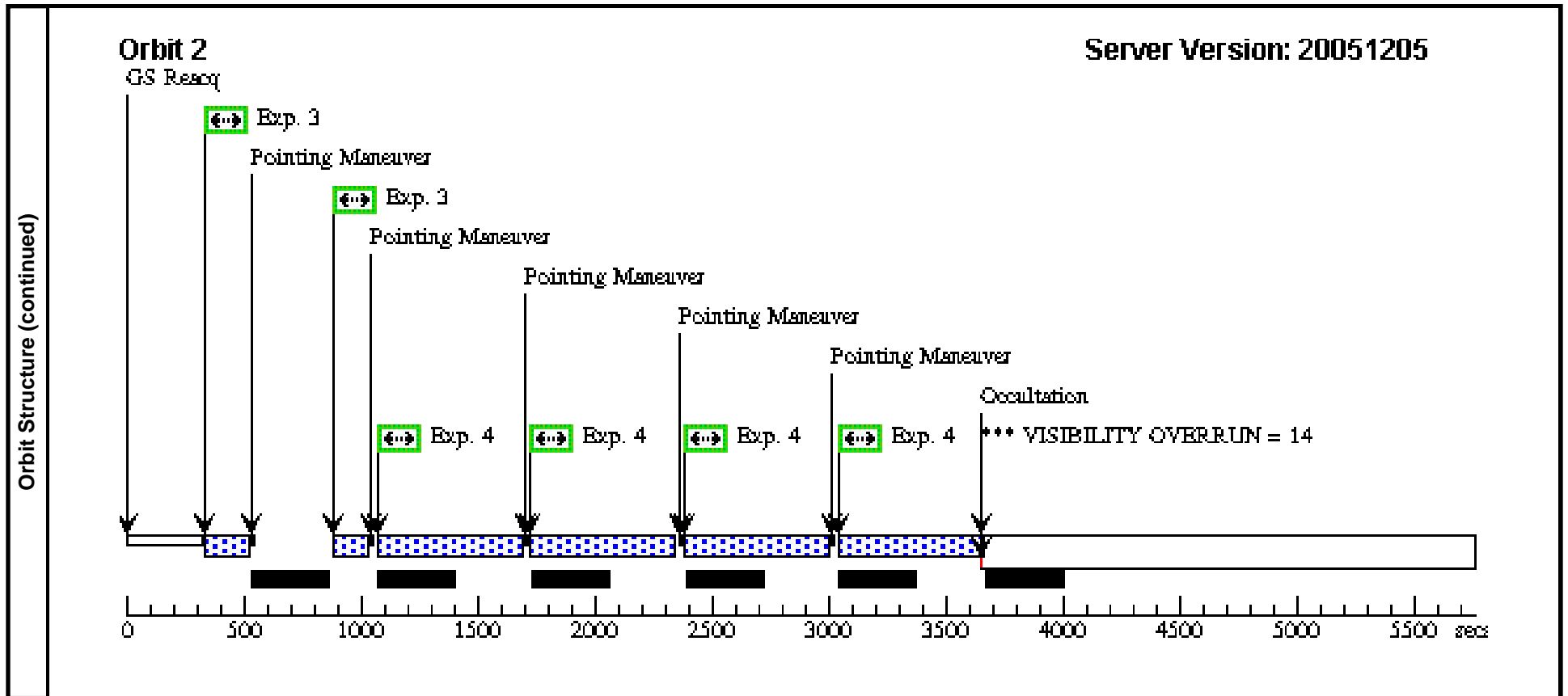
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<b>Visit</b>	<b>Proposal 10396, Visit 03</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: ACS/WFC Special Requirements: (none)										
	(Visit 03) Warning: VISIBILITY OVERRUN										
<b>Diagnosics</b>											
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>				<b>Exposures</b>	
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=3 Line Spacing=3		Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false						(2), (4)	
<b>Patterns</b>	(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false						(1), (3)	
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>			<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>		<b>Miscellaneous</b>	
	(3)	NGC419	RA: 01 08 17.8000 (17.0741667d) Dec: -72 53 2.86 (-72.88413d) Equinox: J2000 Plate Id: (?)					V=10.6		Coordinate Source: CDS	
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>		<b>Orbit</b>
	1	NGC 419 V short lowres	(3) NGC419	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 15,20	Pattern 1-1 (2)	10.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]		[1]
<b>Exposures</b>	2	NGC 419 V long lowres	(3) NGC419	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 15,20	Pattern 2-2 (1)	474.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]

Proposal 10396 - Visit 03 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	3	NGC 419 I s hort lowres	(3) NGC419	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 15,20	Pattern 3-3 (2)	20.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[2]
4	NGC 419 II ong lowres	(3) NGC419	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 15,20	Pattern 4-4 (1)	496.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





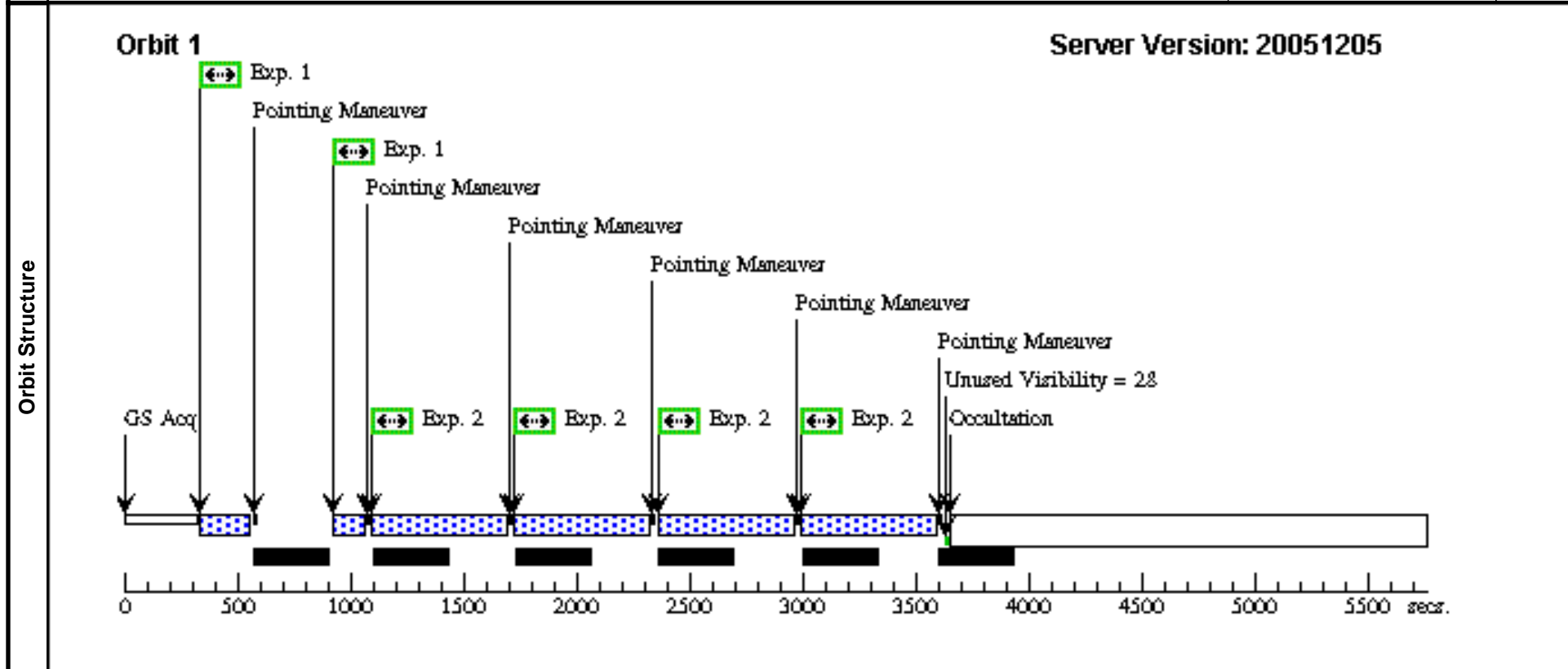
Proposal 10396 - Visit 04 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

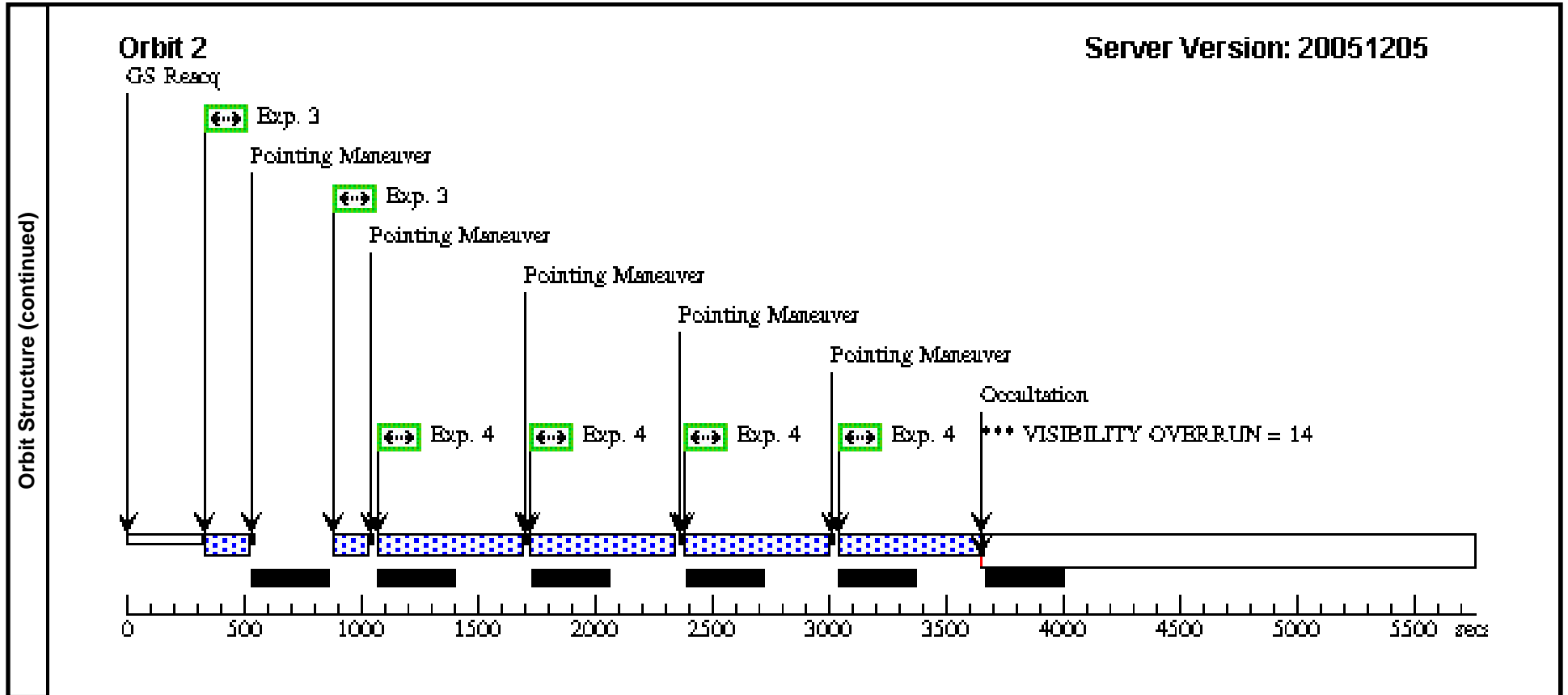
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<b>Visit</b>	<b>Proposal 10396, Visit 04</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: ACS/WFC Special Requirements: (none)										
	(Visit 04) Warning: VISIBILITY OVERRUN										
<b>Diagnosics</b>											
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>				<b>Exposures</b>	
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=3 Line Spacing=3				Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false				(2), (4)	
<b>Patterns</b>	(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false				(1), (3)	
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>			<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>		
	(4)	NGC339	RA: 00 57 46.0800 (14.4420000d) Dec: -74 28 16.98 (-74.47138d) Equinox: J2000 Plate Id: (?)					V=12.8	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME		
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>		<b>Orbit</b>
	1	NGC 339 V short lowres	(4) NGC339	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 10,0	Pattern 1-1 (2)	10.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]		[1]
<b>Exposures</b>	2	NGC 339 V long lowres	(4) NGC339	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 10,0	Pattern 2-2 (1)	474.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]

Proposal 10396 - Visit 04 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	3	NGC 339 I s hort lowres	(4) NGC339	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 10,0	Pattern 3-3 (2)	20.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[2]
4	NGC 339 II ong lowres	(4) NGC339	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 10,0	Pattern 4-4 (1)	496.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





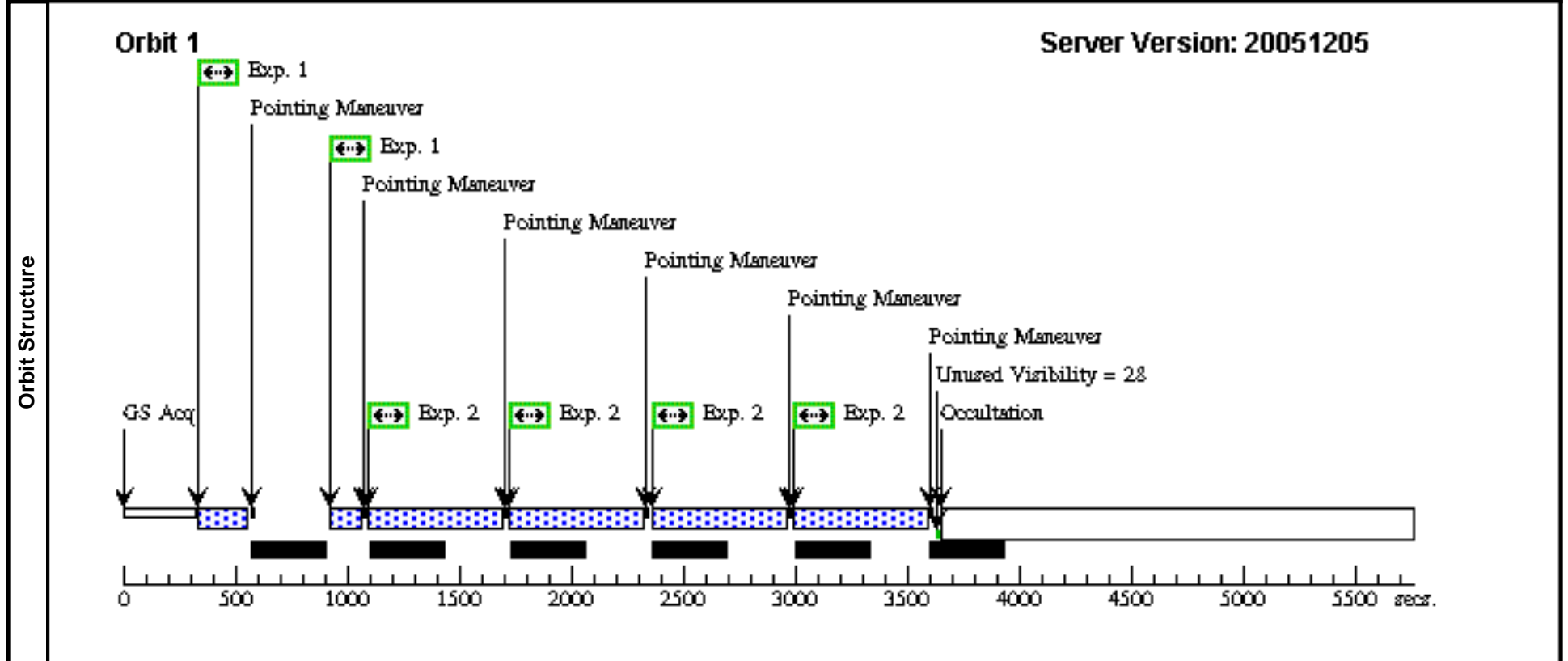
Proposal 10396 - Visit 05 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

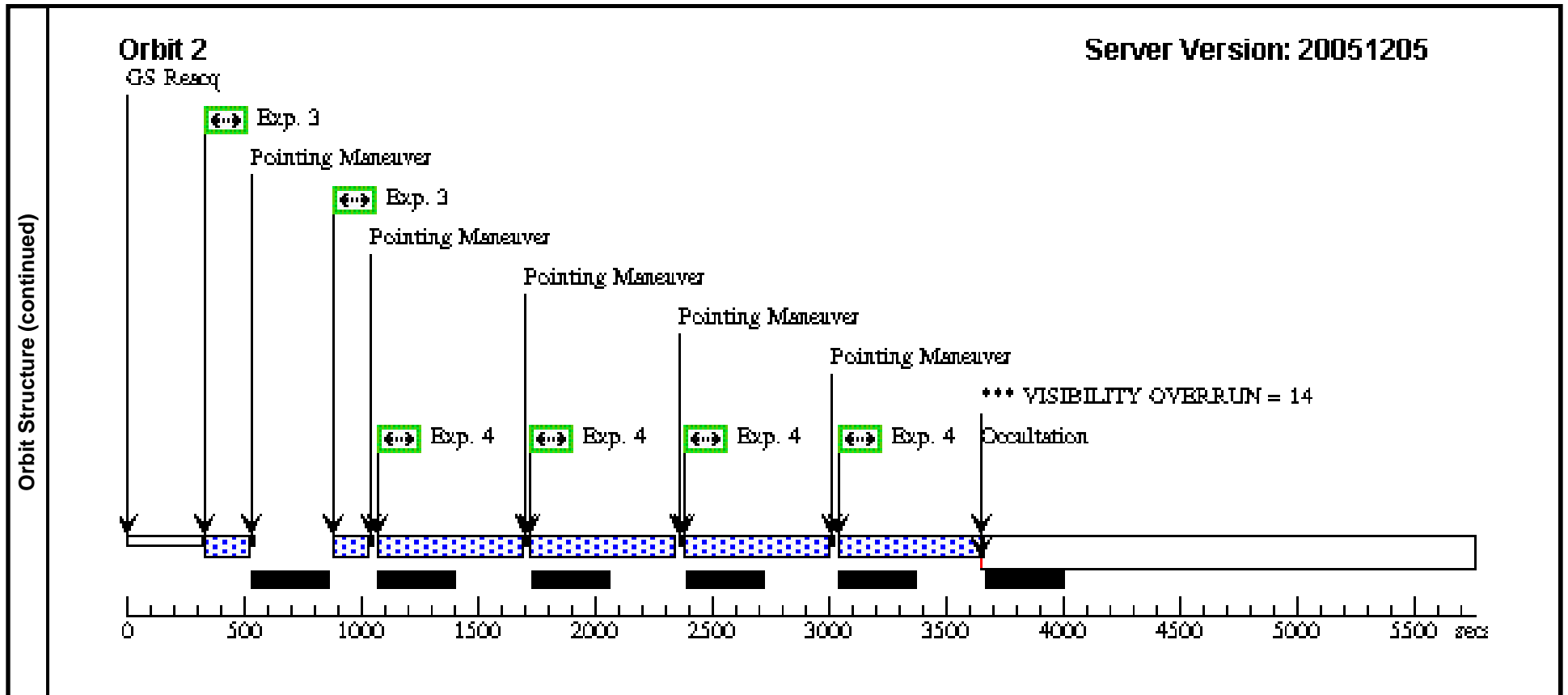
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<b>Visit</b>	<b>Proposal 10396, Visit 05</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: ACS/WFC Special Requirements: (none)										
	(Visit 05) Warning: VISIBILITY OVERRUN										
<b>Diagnosics</b>											
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>				<b>Exposures</b>	
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=3 Line Spacing=3				Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false				(2), (4)	
<b>Patterns</b>	(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false				(1), (3)	
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>			<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>		
	(5)	LINDSAY-1	RA: 00 03 52.7300 (.9697083d) Dec: -73 28 13.48 (-73.47041d) Equinox: J2000 Plate Id: (?)					V=11.7	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME		
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>		<b>Orbit</b>
	1	Lindsay-1 V short lowres	(5) LINDSAY-1	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2		Pattern 1-1 (2)	10.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]		[1]
<b>Exposures</b>	2	Lindsay-1 V long lowres	(5) LINDSAY-1	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	474.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]

Proposal 10396 - Visit 05 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	3	Lindsay-1 I short lowres	(5) LINDSAY-1	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (2)	20.0 Secs [=>(Pattern 1)] [=>(Pattern 2)]	[2]
4	Lindsay-1 I I ong lowres	(5) LINDSAY-1	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2		Pattern 4-4 (1)	496.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[2]	





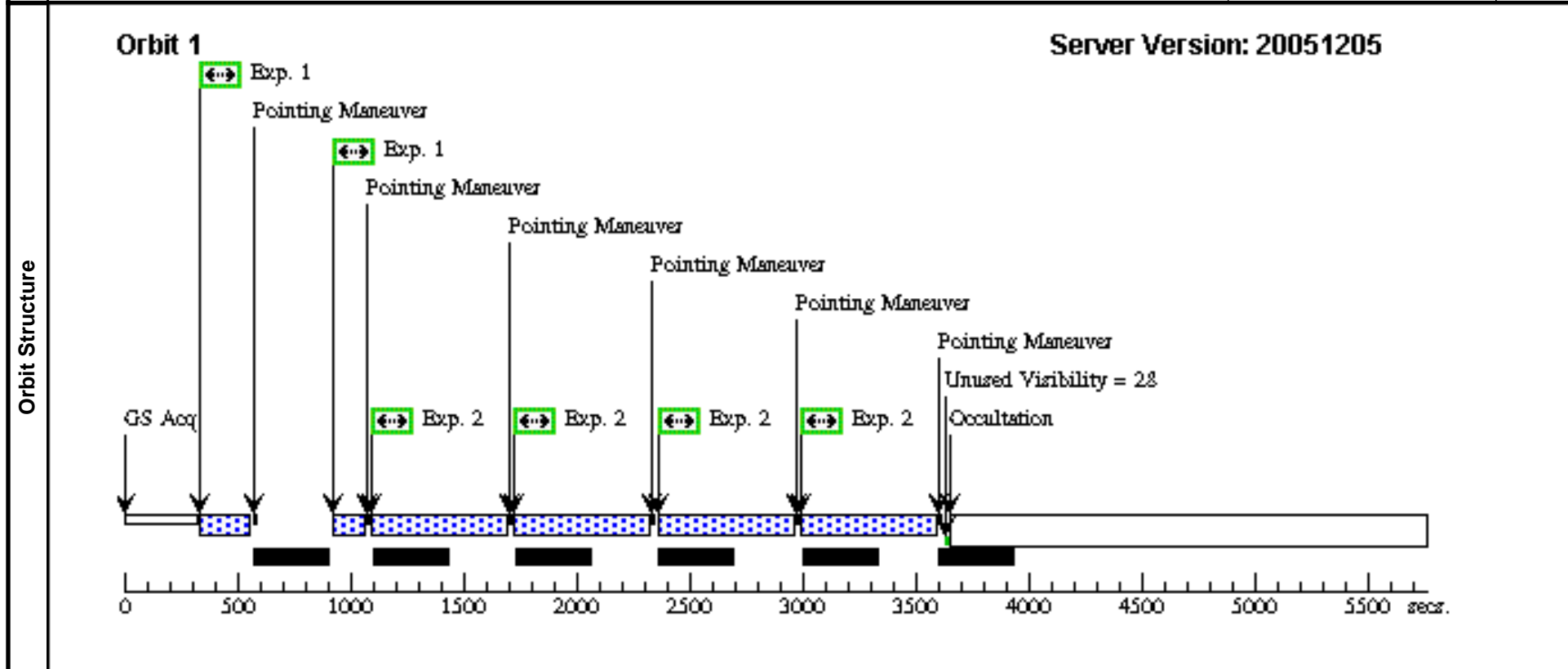
Proposal 10396 - Visit 06 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

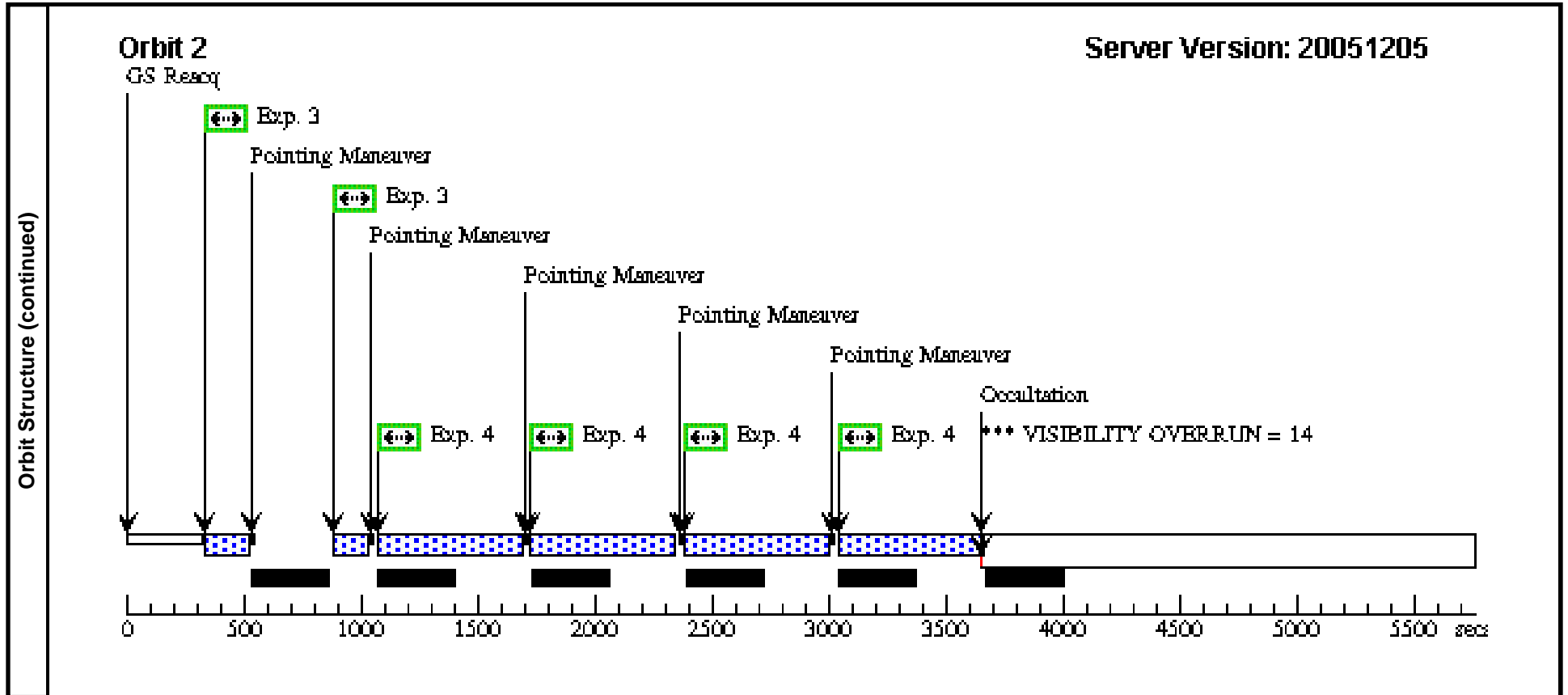
Thu Mar 09 04:33:25 GMT 2006

<b>Visit</b>	<b>Proposal 10396, Visit 06</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: ACS/WFC Special Requirements: (none)									
	(Visit 06) Warning: VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=3 Line Spacing=3	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false						(2), (4)	
<b>Patterns</b>	(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false						(1), (3)	
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>		
	(6)	NGC121	RA: 00 26 48.6000 (6.7025000d) Dec: -71 32 7.68 (-71.53547d) Equinox: J2000 Plate Id: (?)					V=11.2	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME	
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	NGC 121 V short low res	(6) NGC121	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 16,20	Pattern 1-1 (2)	10.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
<b>Exposures</b>	2	NGC121 V 1 ong low res	(6) NGC121	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 16,20	Pattern 2-2 (1)	474.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]

Proposal 10396 - Visit 06 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	3	NGC 121 I s hort low res	(6) NGC121	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 16,20	Pattern 3-3 (2)	20.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[2]
4	NGC 121 I I ong low res	(6) NGC121	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 16,20	Pattern 4-4 (1)	496.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





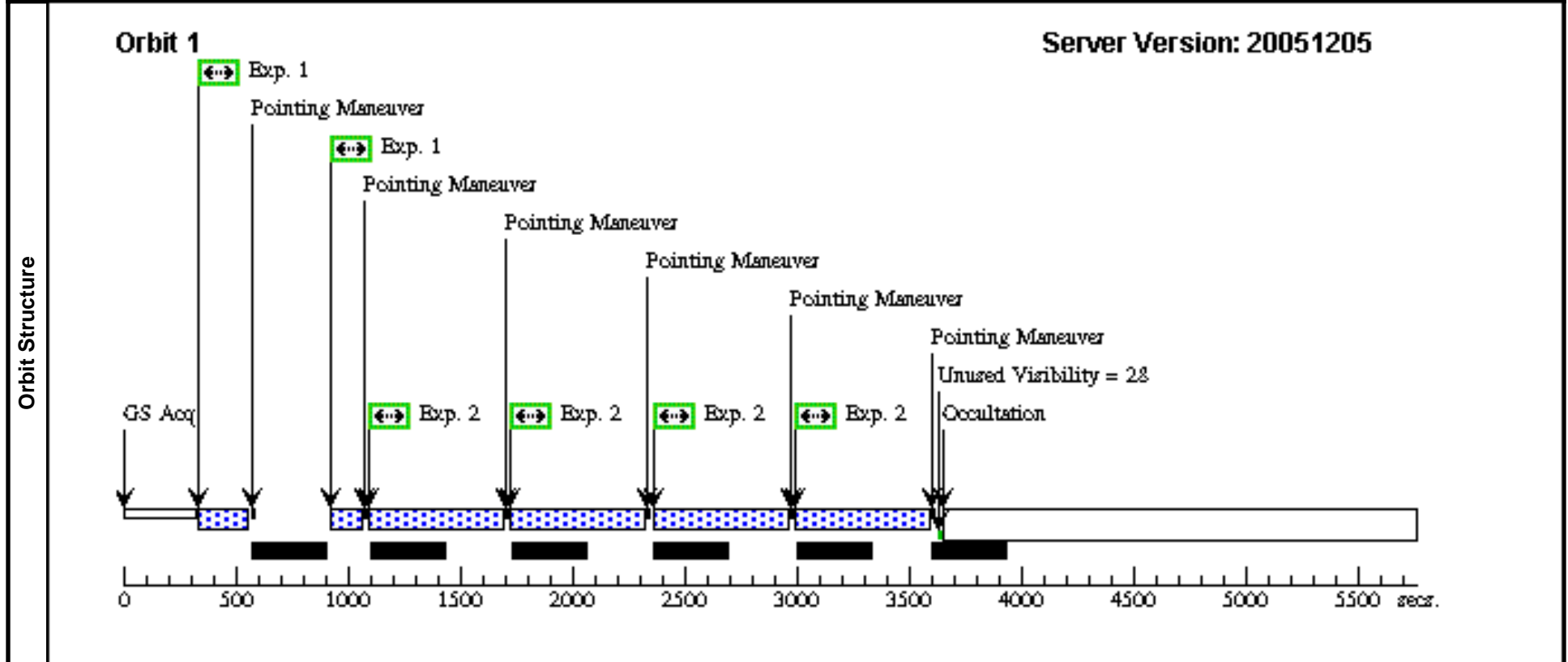
Proposal 10396 - Visit 07 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

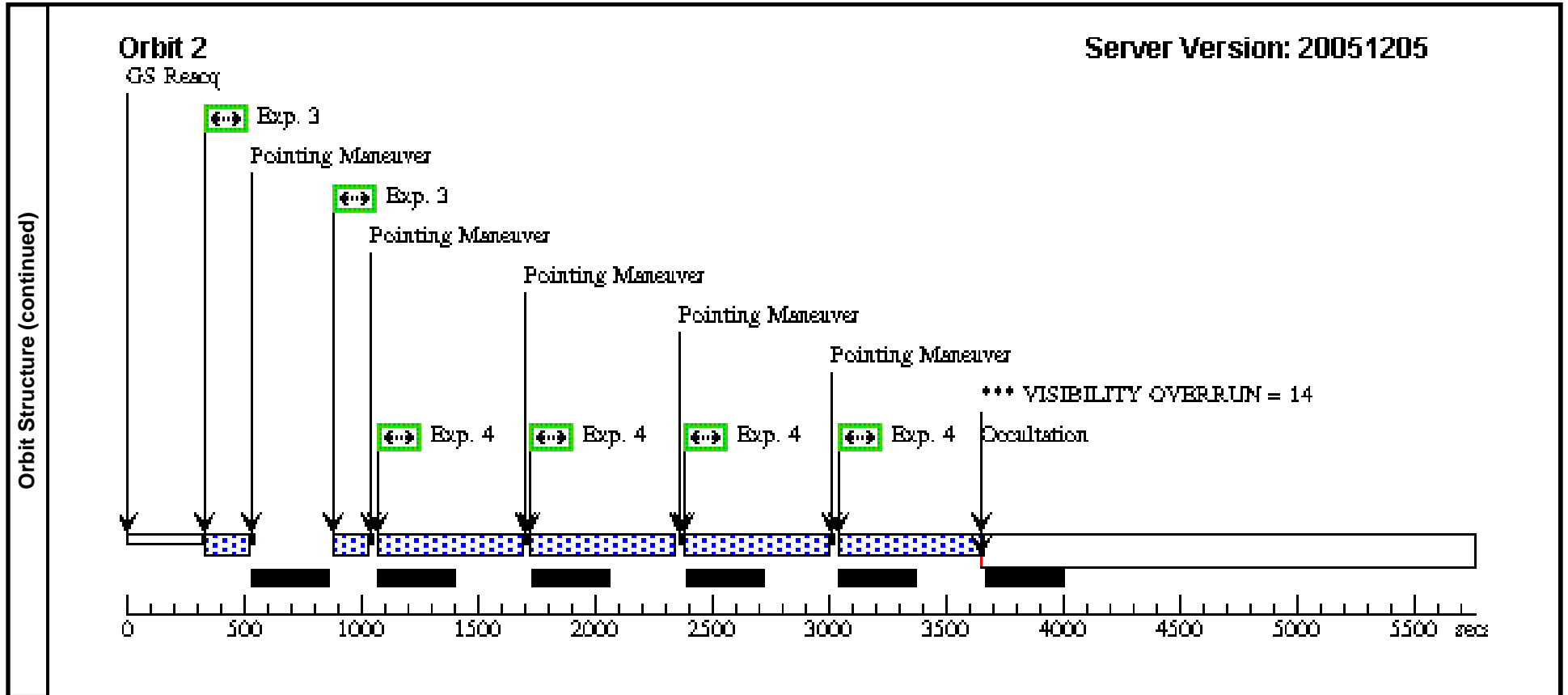
Thu Mar 09 04:33:26 GMT 2006

<b>Visit</b>	<b>Proposal 10396, Visit 07</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: ACS/WFC Special Requirements: (none)									
	(Visit 07) Warning: VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=3 Line Spacing=3	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false						(2), (4)	
<b>Patterns</b>	(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false						(1), (3)	
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(7)	KRON-3	RA: 00 24 46.4000 (6.1933333d) Dec: -72 47 37.00 (-72.79361d) Equinox: J2000 Plate Id: (?)			V=11.6	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	Kron 3 V sh ort lowres	(7) KRON-3	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 15,15	Pattern 1-1 (2)	10.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
<b>Exposures</b>	2	Kron 3 V lo ng lowres	(7) KRON-3	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 15,15	Pattern 2-2 (1)	474.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]

Proposal 10396 - Visit 07 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	3	Kron 3 I short lowres	(7) KRON-3	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 15,15	Pattern 3-3 (2)	20.0 Secs [=>(Pattern 1)] [=>(Pattern 2)]	[2]
4	Kron 3 I long lowres	(7) KRON-3	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 15,15	Pattern 4-4 (1)	496.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[2]	





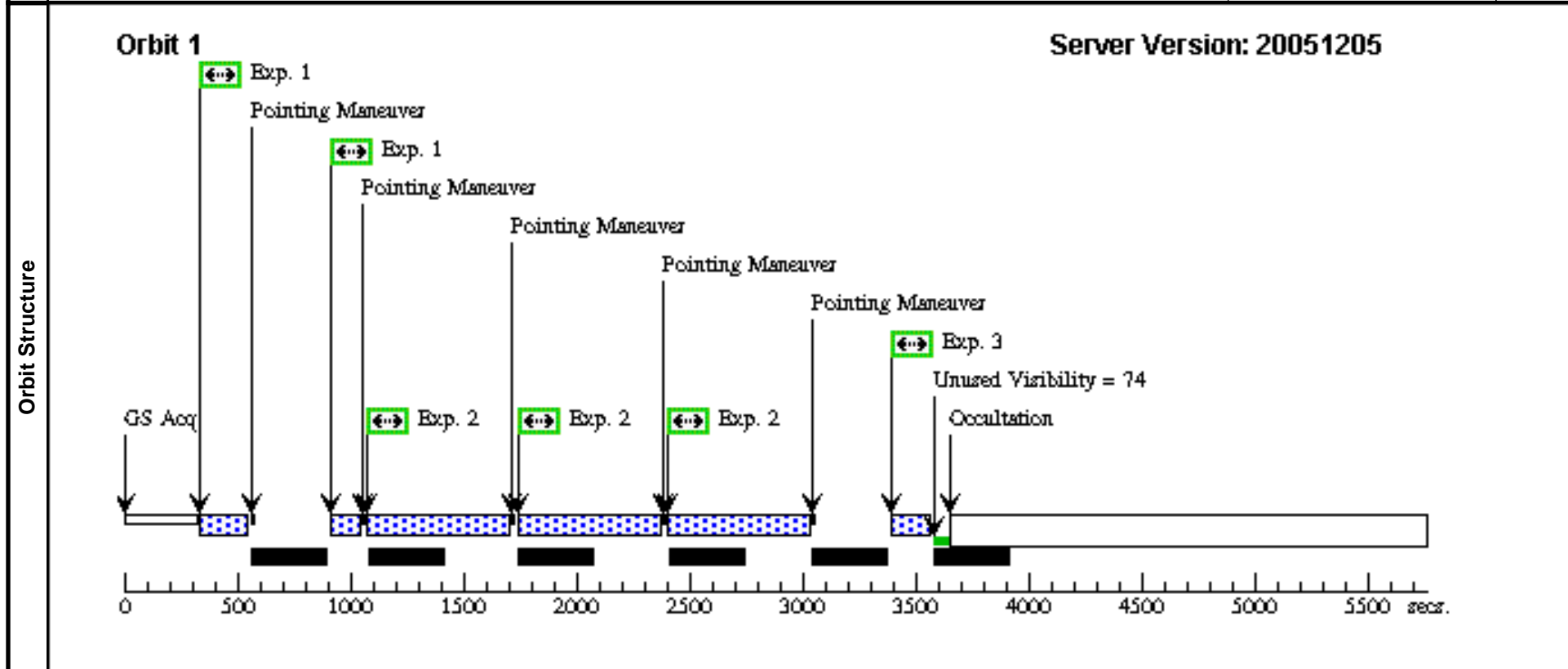
Proposal 10396 - Visit 10 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

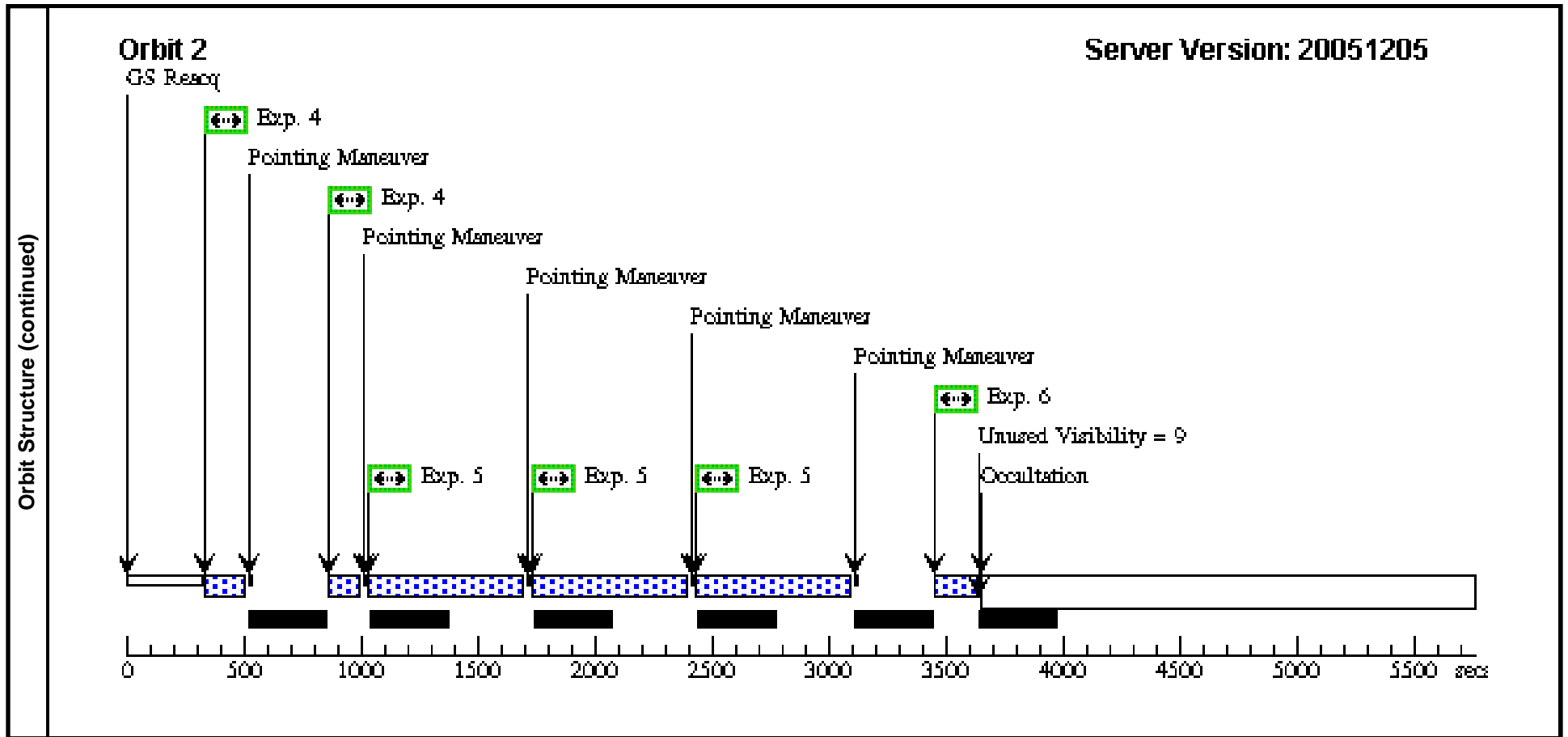
Thu Mar 09 04:33:26 GMT 2006

Visit	<b>Proposal 10396, Visit 10</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false					(1), (4)	
	(5)	Pattern Type=LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.33 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=50 Angle Between Sides= Center Pattern=true					(2), (5)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(8)	SFH-1	RA: 00 51 40.0000 (12.9166667d) Dec: -73 07 1.00 (-73.11694d) Equinox: J2000 Plate Id: (?)		V=25.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	SFH-1 I short lowres	(8) SFH-1	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2		Pattern 1-1 (2)	1.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	SFH-1 I long lowres	(8) SFH-1	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (5)	504.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	3	SFH-1 I medium	(8) SFH-1	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2			48.0 Secs [==>]	[1]
	4	SFH-1 V short lowres	(8) SFH-1	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2		Pattern 4-4 (2)	1.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[2]
5	SFH-1 V long lowres	(8) SFH-1	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2		Pattern 5-5 (5)	539.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]	

Proposal 10396 - Visit 10 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	6	SFH-1 edium	V m (8) SFH-1	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2			50.0 Secs [==>]	[2]





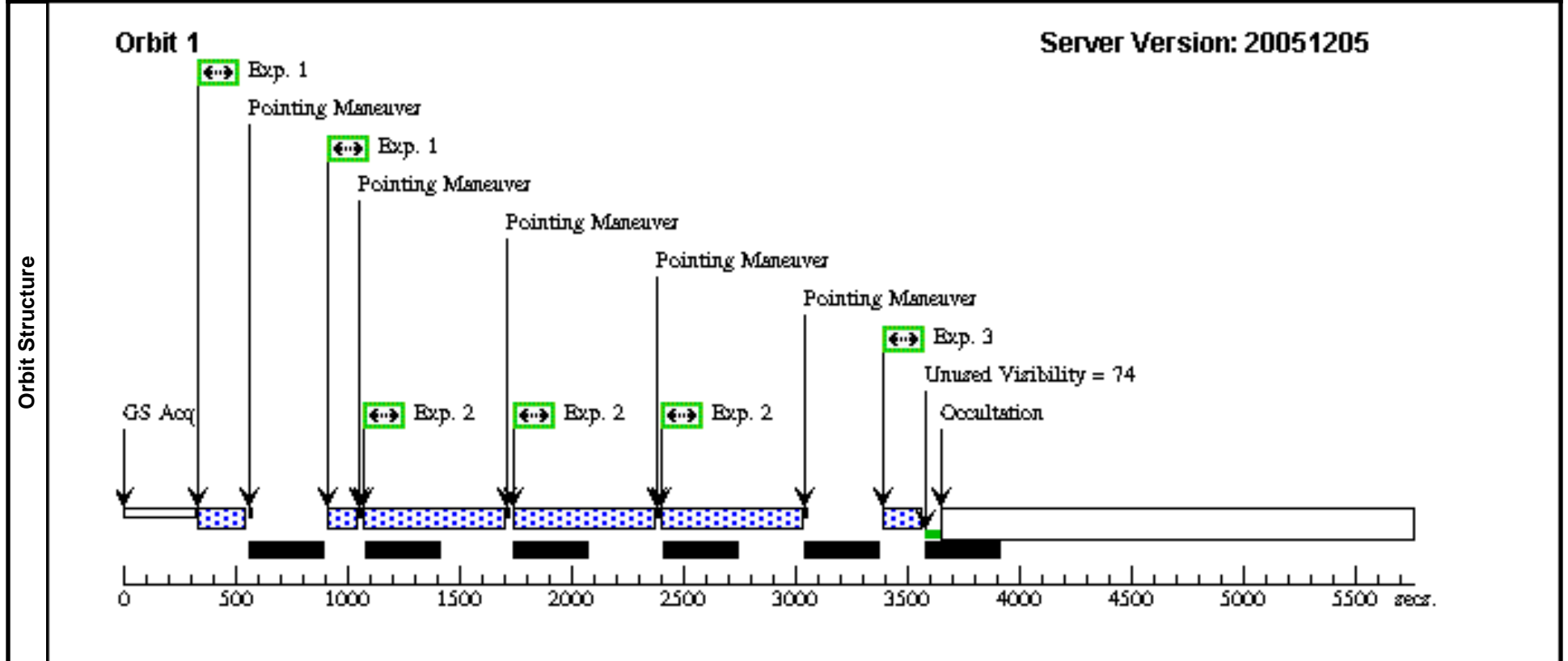
Proposal 10396 - Visit 11 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

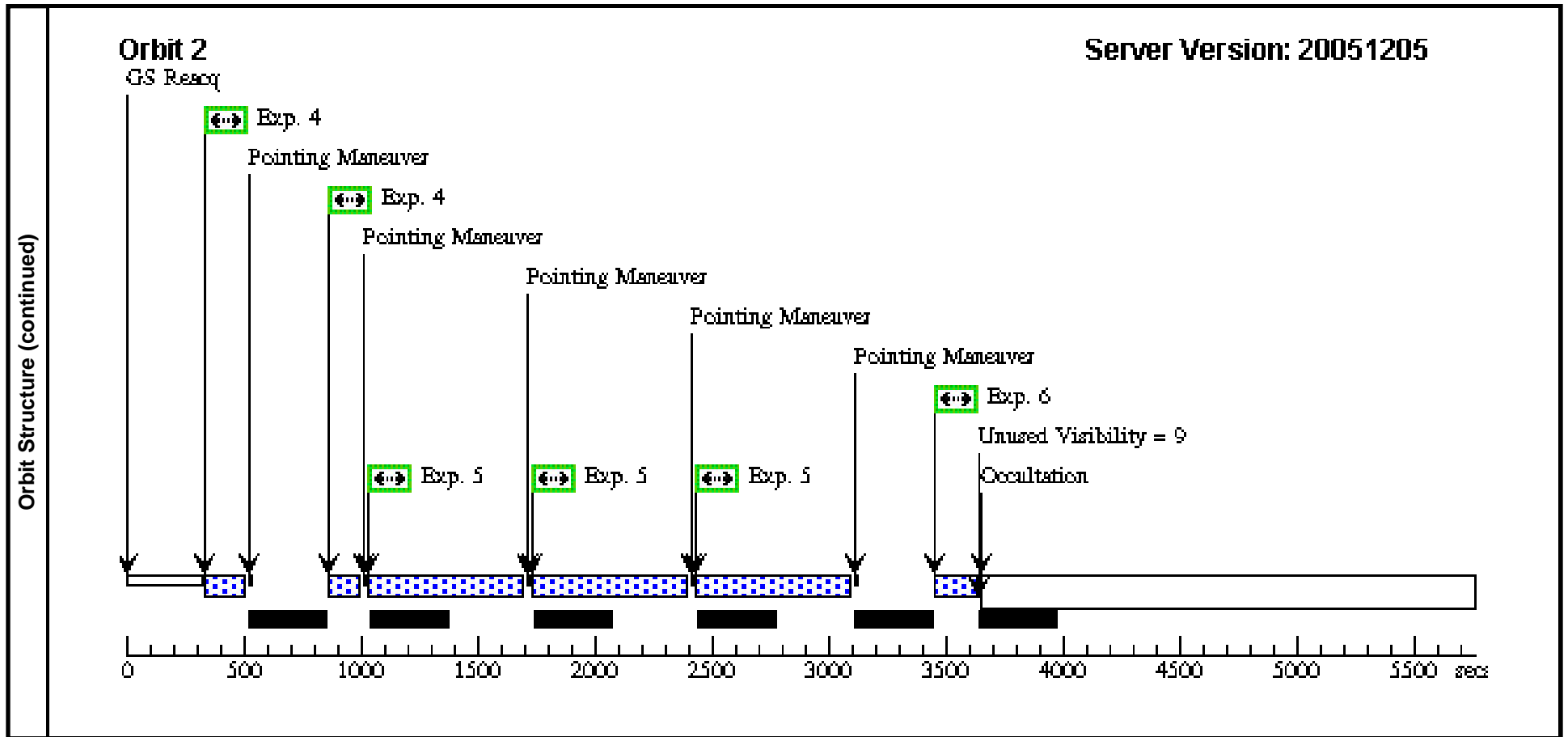
Thu Mar 09 04:33:27 GMT 2006

Visit	<b>Proposal 10396, Visit 11</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false		(1), (4)				
	(5)	Pattern Type=LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.33 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=50 Angle Between Sides= Center Pattern=true		(2), (5)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	SFH-4	RA: 01 00 3.0000 (15.0125000d) Dec: -72 32 4.00 (-72.53444d) Equinox: J2000 Plate Id: (?)		V=25.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	SFH-4 I short lowres	(9) SFH-4	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2		Pattern 1-1 (2)	1.0 Secs [=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	SFH-4 I long lowres	(9) SFH-4	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (5)	504.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3	SFH-4 I medium	(9) SFH-4	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2			48.0 Secs [=>]	[1]
	4	SFH-4 V short lowres	(9) SFH-4	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2		Pattern 4-4 (2)	1.0 Secs [=>(Pattern 1)] [=>(Pattern 2)]	[2]
5	SFH-4 V long lowres	(9) SFH-4	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2		Pattern 5-5 (5)	539.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]	

Proposal 10396 - Visit 11 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	6	SFH-4 V m edium	(9) SFH-4 edium	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2			50.0 Secs [==>]	[2]





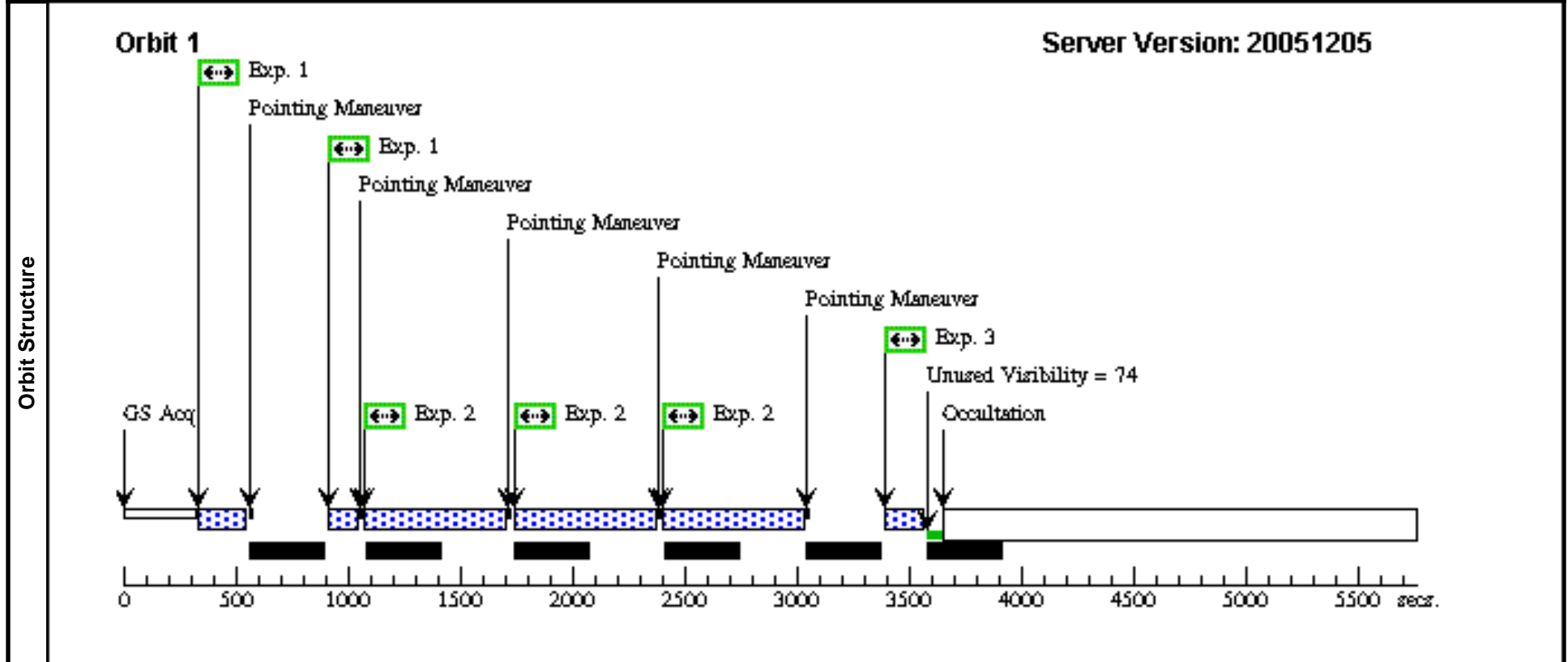
Proposal 10396 - Visit 12 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

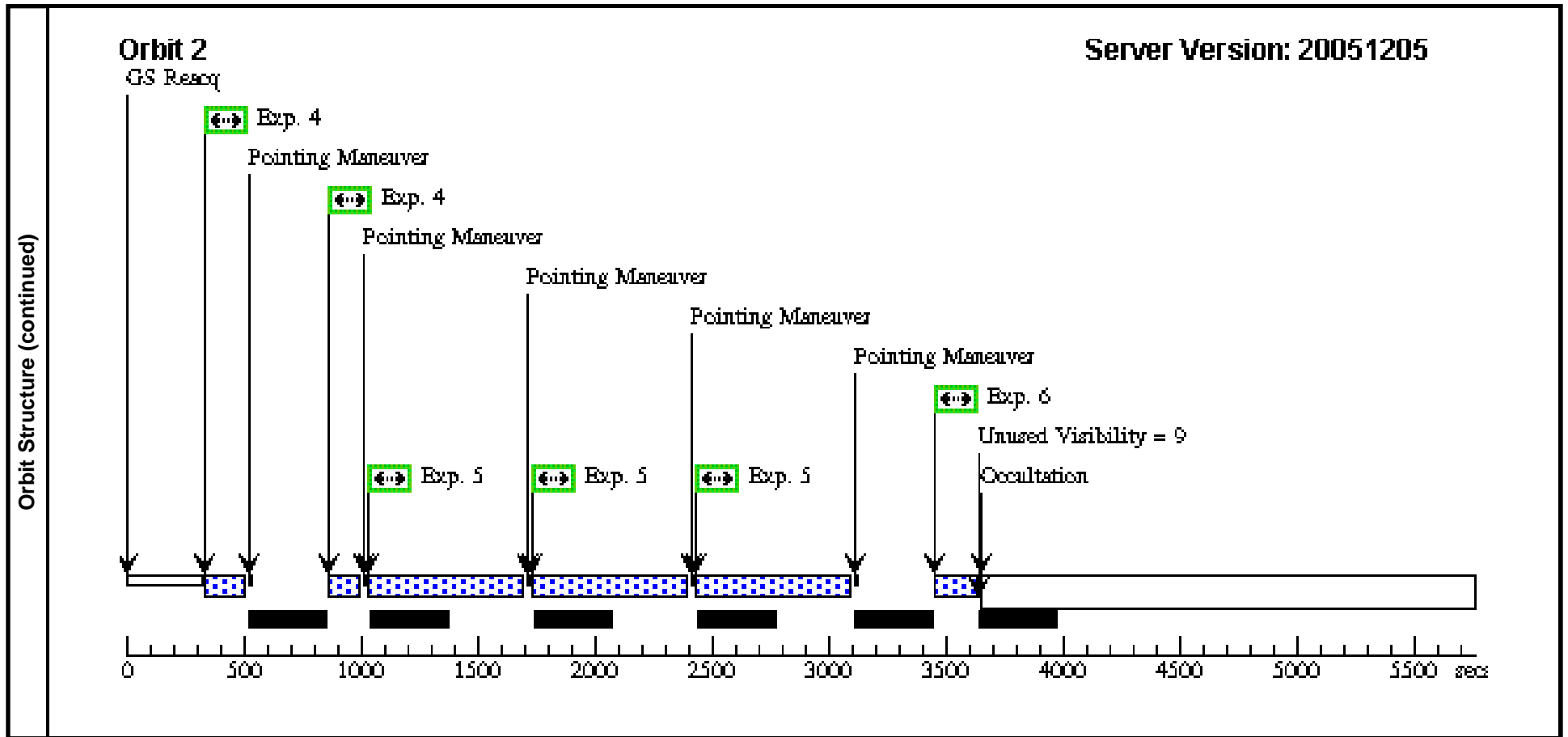
Thu Mar 09 04:33:27 GMT 2006

Visit	<b>Proposal 10396, Visit 12</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false		(1), (4)				
	(5)	Pattern Type=LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.33 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=50 Angle Between Sides= Center Pattern=true		(2), (5)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(13)	SFH-10A	RA: 01 08 39.8000 (17.1658333d) Dec: -72 58 45.00 (-72.97917d) Equinox: J2000 Plate Id: (?)		V=25.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	SFH-10 I short lowres	(13) SFH-10A	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2		Pattern 1-1 (2)	1.0 Secs [=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	SFH-10 I long lowres	(13) SFH-10A	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (5)	504.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3	SFH-10 I medium	(13) SFH-10A	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2			48.0 Secs [=>]	[1]
	4	SFH-10 V short lowres	(13) SFH-10A	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2		Pattern 4-4 (2)	1.0 Secs [=>(Pattern 1)] [=>(Pattern 2)]	[2]
5	SFH-10 V long lowres	(13) SFH-10A	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2		Pattern 5-5 (5)	539.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]	

Proposal 10396 - Visit 12 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	6	SFH-10 V medium	(13) SFH-10A	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2			50.0 Secs [==>]	[2]





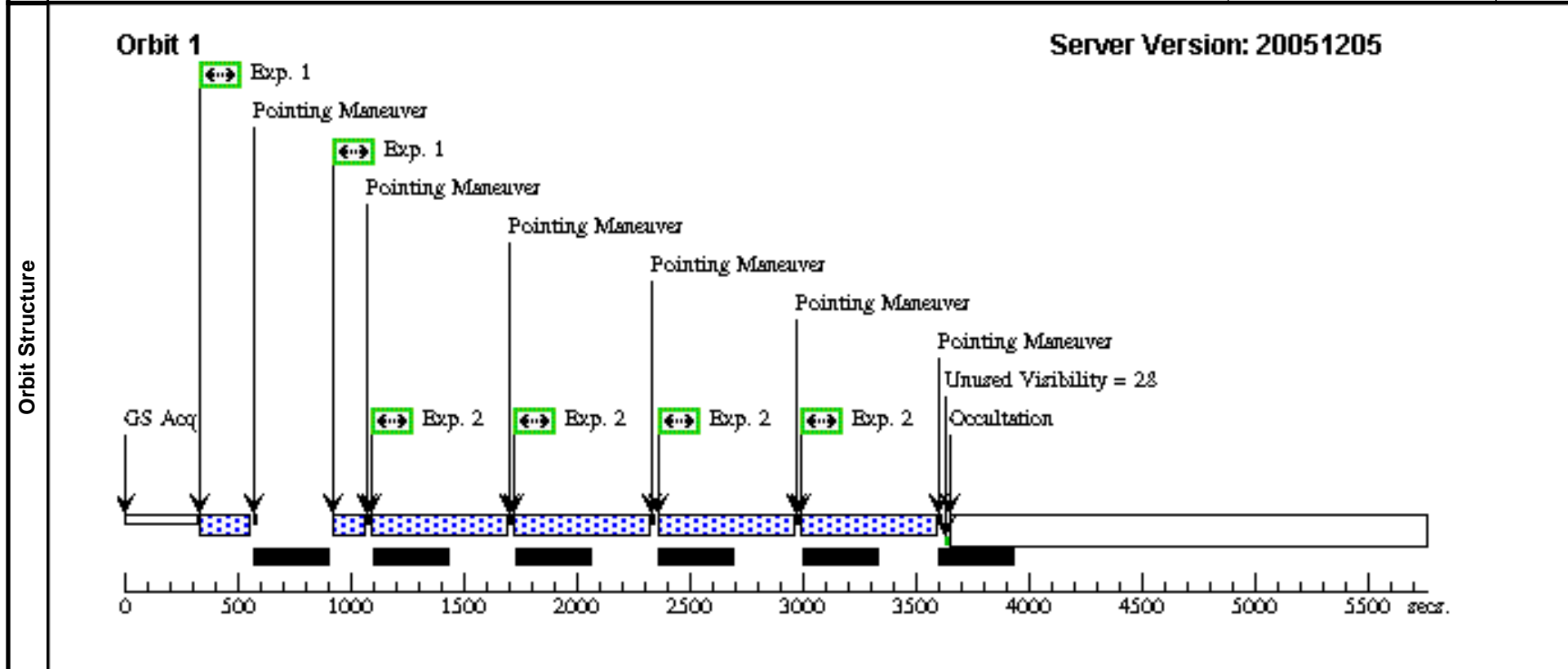
Proposal 10396 - Visit 14 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

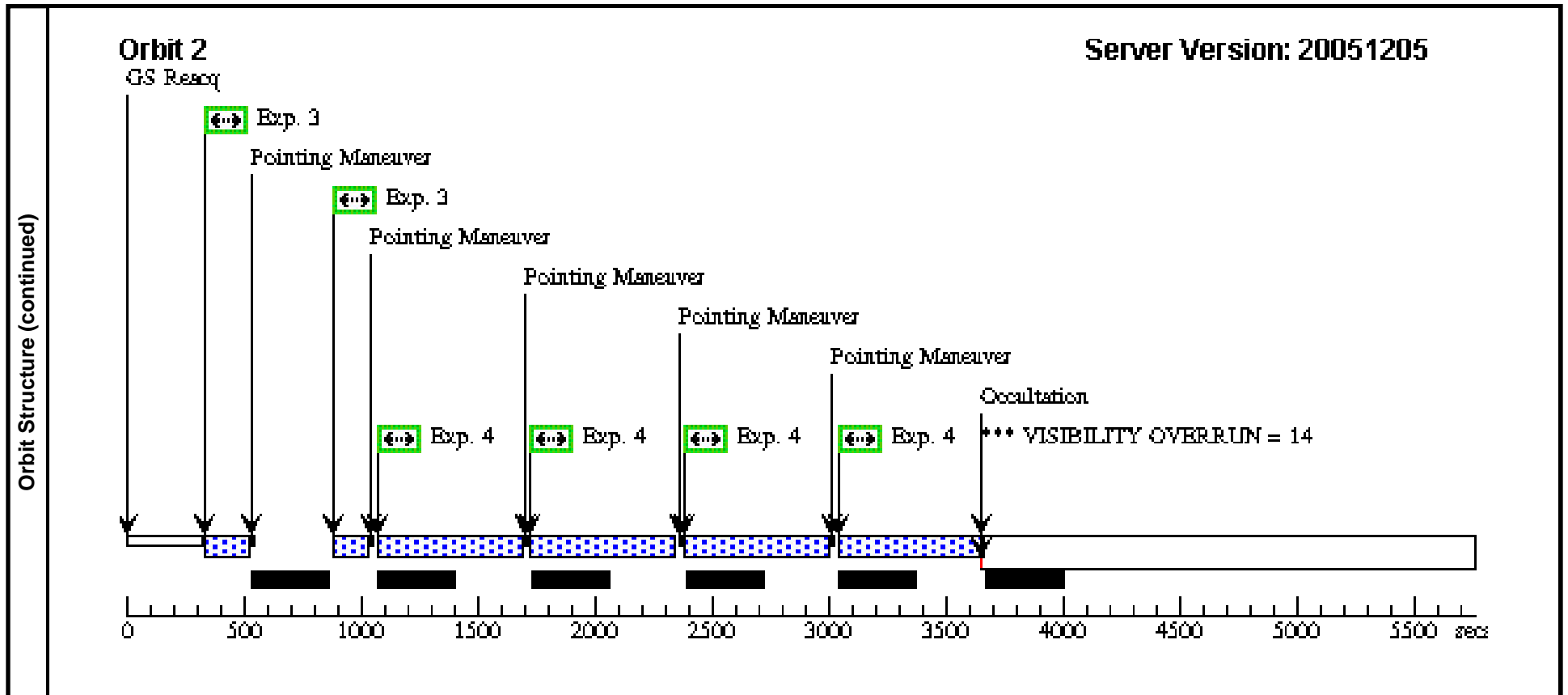
Thu Mar 09 04:33:29 GMT 2006

<b>Visit</b>	<b>Proposal 10396, Visit 14</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: ACS/WFC Special Requirements: (none)										
	<b>Diagnosics</b> (Visit 14) Warning: VISIBILITY OVERRUN										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>				<b>Exposures</b>	
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=3 Line Spacing=3		Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false						(2), (4)	
(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false						(1), (3)		
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>		<b>Miscellaneous</b>		
	(11)	SFH-8	RA: 00 41 48.0000 (10.4500000d) Dec: -71 03 45.00 (-71.06250d) Equinox: J2000 Plate Id: (?)				V=25.0		Coordinate Source: IMAGE_TIED_TO_GSC_FRAME		
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>	
	1	SFH-8 I short lowres	(11) SFH-8	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2		Pattern 1-1 (2)	10.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]	
2	SFH-8 I long lowres	(11) SFH-8	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	474.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]		

Proposal 10396 - Visit 14 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	3	SFH-8 V sh ort lowres	(11) SFH-8	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (2)	20.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[2]
4	SFH-8 V lon g lowres	(11) SFH-8	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2		Pattern 4-4 (1)	496.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





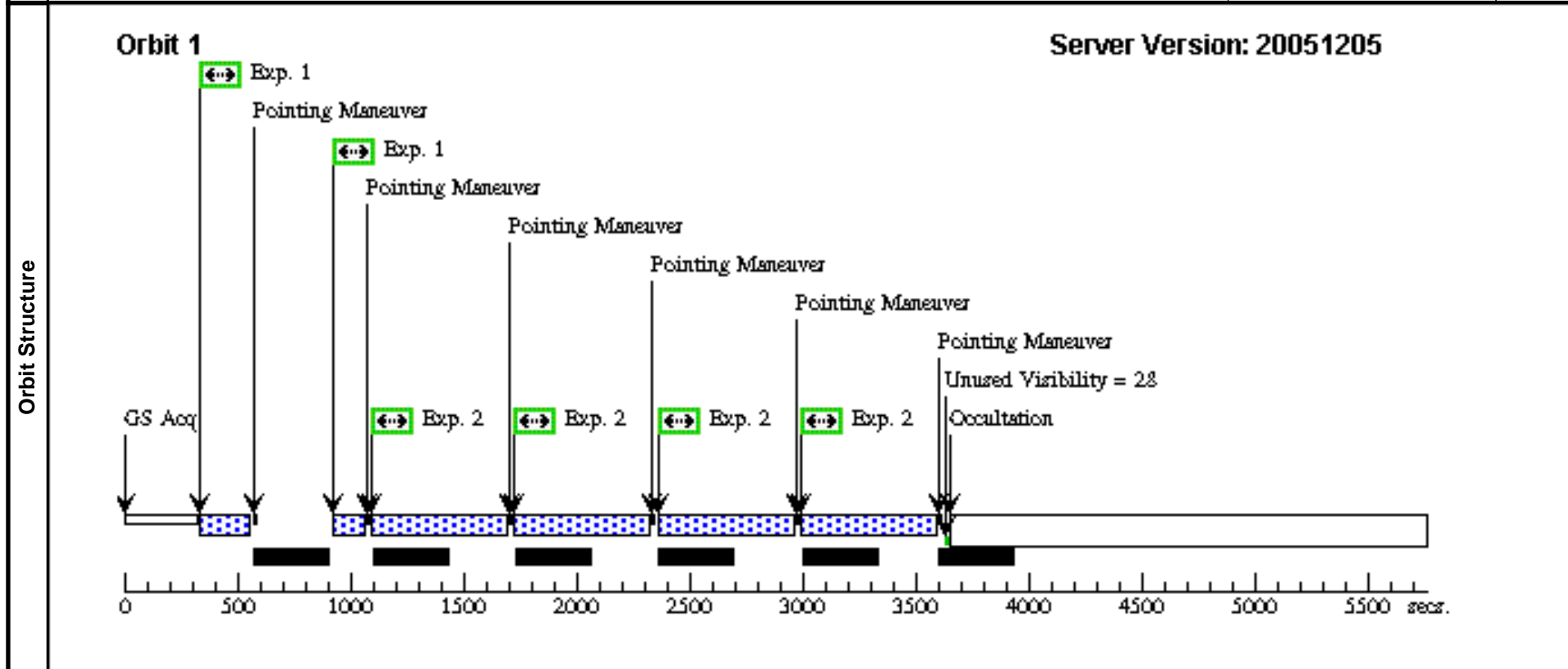
Proposal 10396 - Visit 15 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

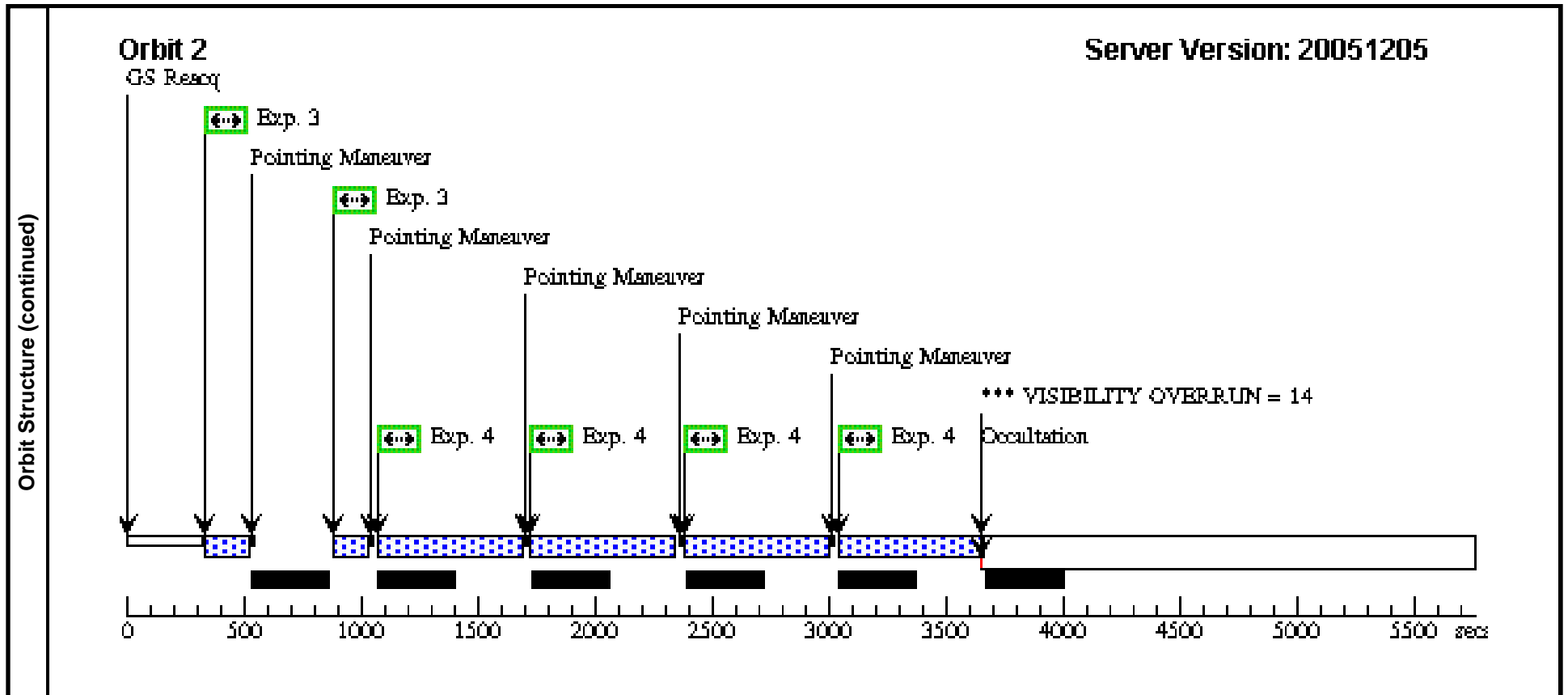
Thu Mar 09 04:33:29 GMT 2006

<b>Visit</b>	<b>Proposal 10396, Visit 15</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: ACS/WFC Special Requirements: (none)									
	(Visit 15) Warning: VISIBILITY OVERRUN									
<b>Diagnostics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>				<b>Exposures</b>
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=3 Line Spacing=3	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false					(2), (4)		
(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false					(1), (3)			
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(12)	SFH-9	RA: 01 21 53.0000 (20.4708333d) Dec: -73 18 46.00 (-73.31278d) Equinox: J2000 Plate Id: (?)		V=25.0	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	SFH-9 I short lowres	(12) SFH-9	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2		Pattern 1-1 (2)	10.0 Secs [=>(Pattern 1)] [=>(Pattern 2)]	[1]
2	SFH-9 I long lowres	(12) SFH-9	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	474.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	

Proposal 10396 - Visit 15 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	3	SFH-9 V sh ort lowres	(12) SFH-9	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (2)	20.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[2]
4	SFH-9 V lon g lowres	(12) SFH-9	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2		Pattern 4-4 (1)	496.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	



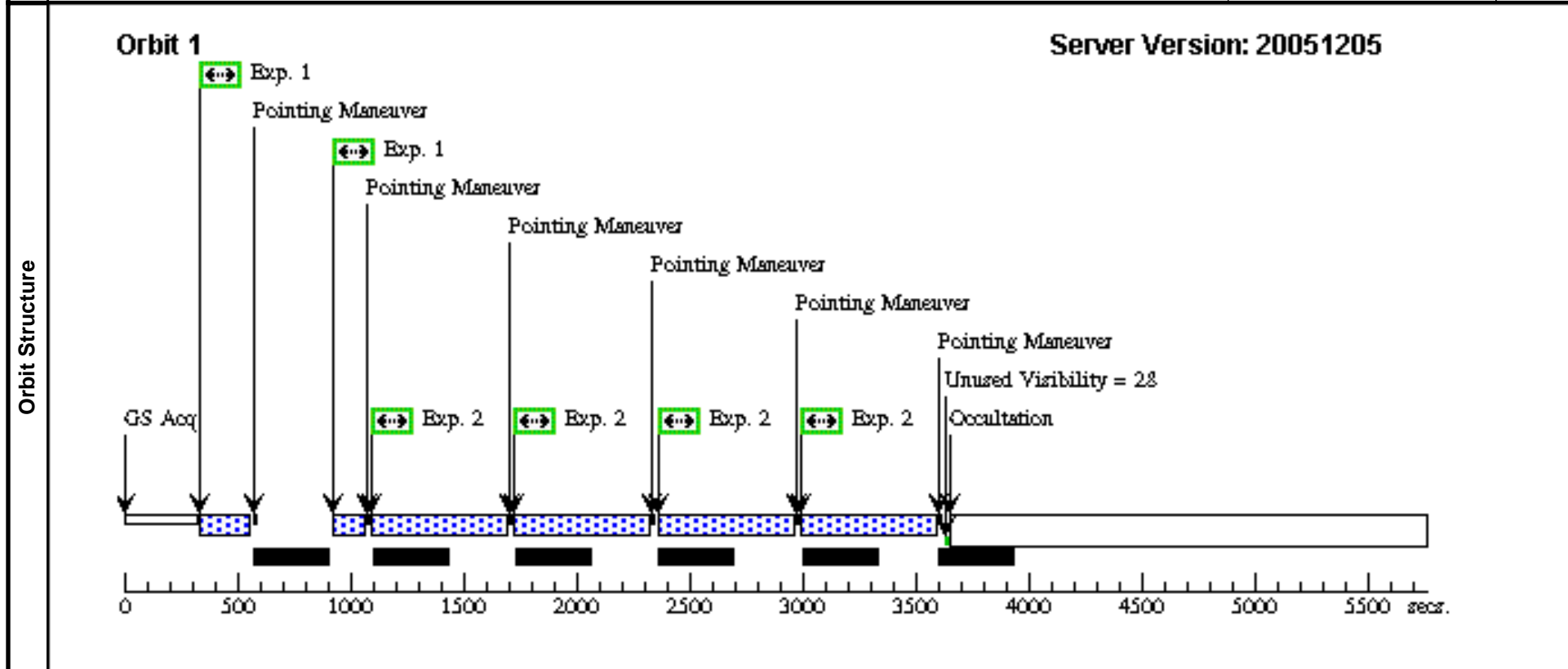


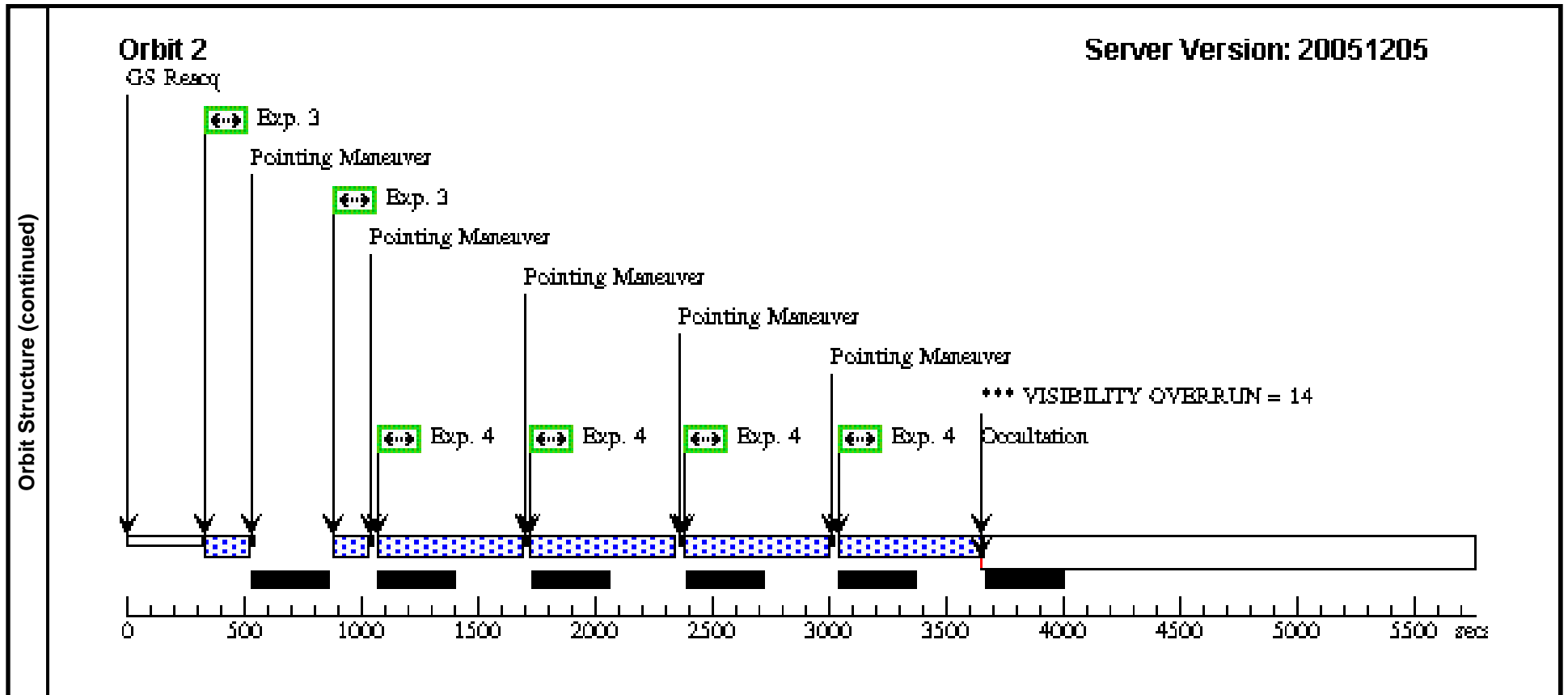
Proposal 10396 - Visit 16 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Thu Mar 09 04:33:30 GMT 2006

<b>Visit</b>	<b>Proposal 10396, Visit 16</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: ACS/WFC Special Requirements: (none)										
	(Visit 16) Warning: VISIBILITY OVERRUN										
<b>Diagnostics</b>											
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>				<b>Exposures</b>	
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=3 Line Spacing=3		Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false						(2), (4)	
<b>Patterns</b>	(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false						(1), (3)	
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>			<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>		<b>Miscellaneous</b>	
	(14)	SFH-5	RA: 01 00 25.0000 (15.1041667d) Dec: -73 11 10.00 (-73.18611d) Equinox: J2000 Plate Id: (?)					V=25.0		Coordinate Source: IMAGE_TIED_TO_GSC_FRAME	
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>		<b>Orbit</b>
	1	SFH-5 I short lowres	(14) SFH-5	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2		Pattern 1-1 (2)	10.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]		[1]
<b>Exposures</b>	2	SFH-5 I long lowres	(14) SFH-5	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	474.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	3	SFH-5 V sh ort lowres	(14) SFH-5	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (2)	20.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[2]
4	SFH-5 V lon g lowres	(14) SFH-5	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2		Pattern 4-4 (1)	496.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





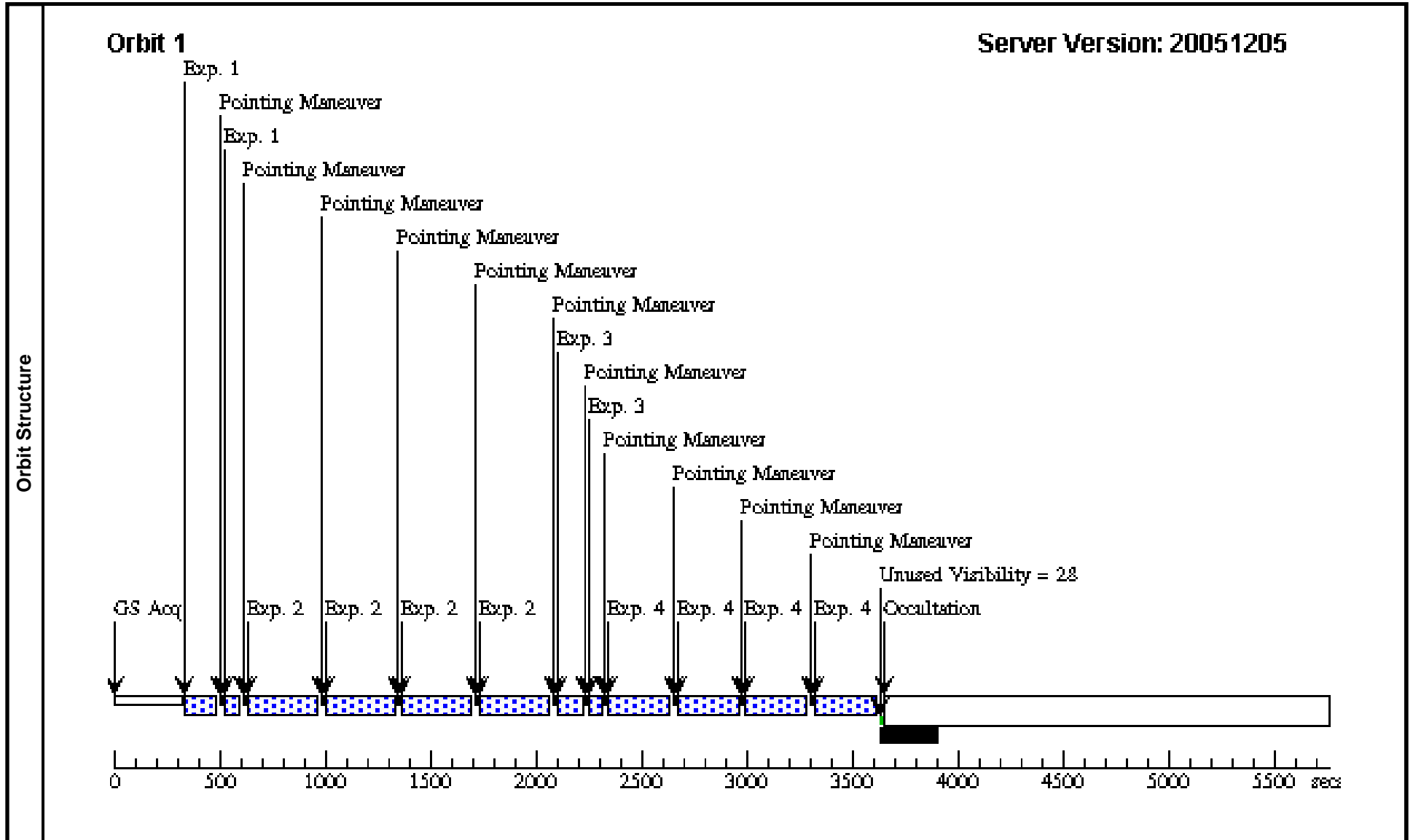
Proposal 10396 - Visit A1 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Thu Mar 09 04:33:30 GMT 2006

Visit	<b>Proposal 10396, Visit A1</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/HRC Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(3)	Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=1 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false		(1), (3)				
	(4)	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Line Spacing=0.098	Coordinate Frame=POS-TARG Pattern Orientation=19.9 Angle Between Sides=63.5 Center Pattern=false		(2), (4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC416	RA: 01 07 58.9700 (16.9957083d) Dec: -72 21 19.50 (-72.35542d) Equinox: J2000 Plate Id: (?)		V=11.4	Coordinate Source: CDS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NGC 416 V short highres	(1) NGC416	ACS/HRC, ACCUM, HRC-FIX	F555W	CR-SPLIT=NO		Pattern 1-1 (3)	35.0 Secs	
									[=>(Pattern 1)]	[1]
									[=>(Pattern 2)]	
2	NGC 416 V long highres	(1) NGC416	ACS/HRC, ACCUM, HRC-FIX	F555W	CR-SPLIT=NO		Pattern 2-2 (4)	300.0 Secs		
								[=>(Pattern 1)]	[1]	
								[=>(Pattern 2)]		
								[=>(Pattern 3)]		
								[=>(Pattern 4)]		
3	NGC 416 I s hort highres	(1) NGC416	ACS/HRC, ACCUM, HRC-FIX	F814W	CR-SPLIT=NO		Pattern 3-3 (3)	20.0 Secs		
								[=>(Pattern 1)]	[1]	
								[=>(Pattern 2)]		

Proposal 10396 - Visit A1 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	4	NGC 416 I1 ong highres	(1) NGC416	ACS/HRC, ACCUM, HRC-FIX	F814W	CR-SPLIT=NO		Pattern 4-4 (4)	259.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



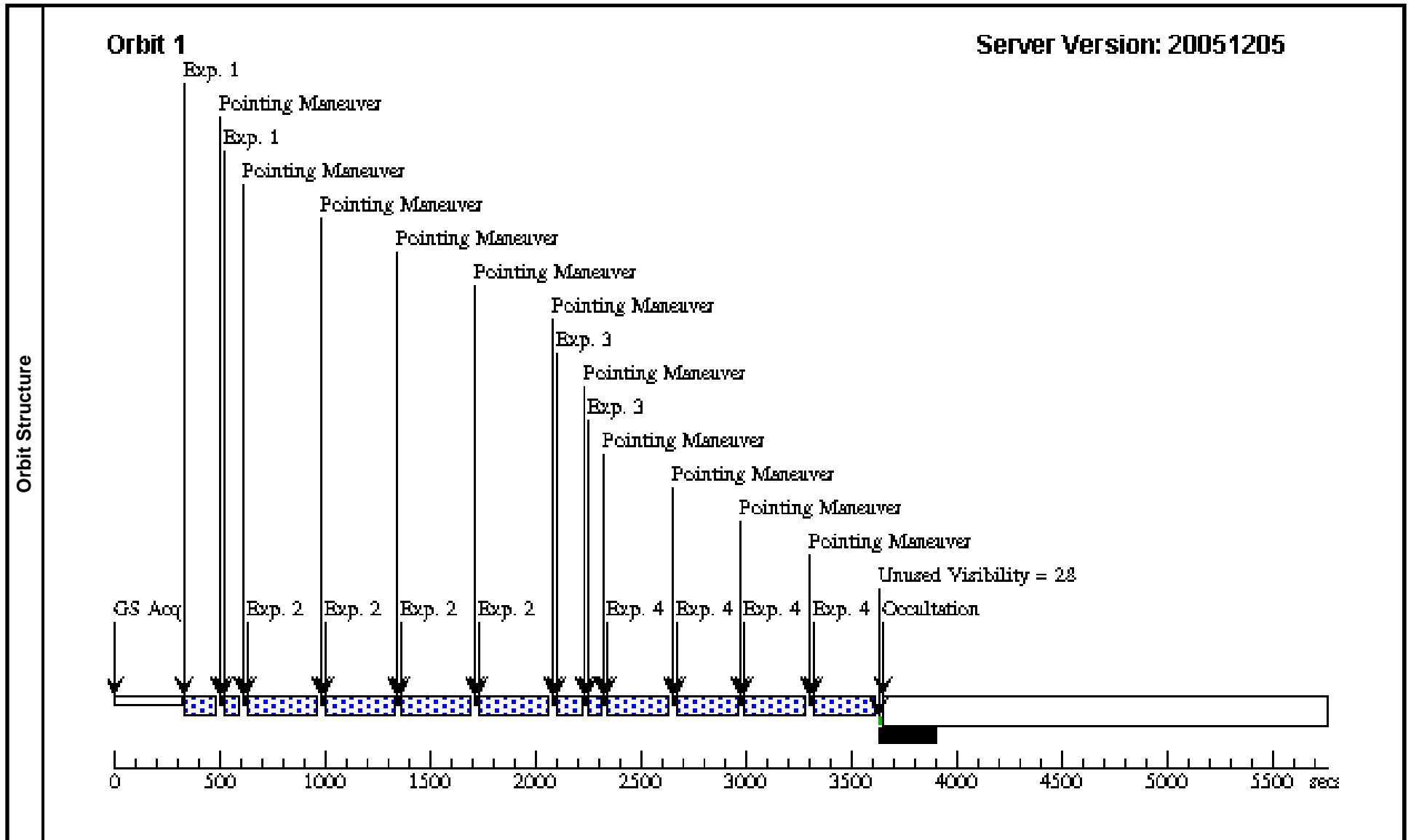
Proposal 10396 - Visit A2 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Thu Mar 09 04:33:30 GMT 2006

Visit	<b>Proposal 10396, Visit A2</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/HRC Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(3)	Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=1 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false		(1), (3)				
	(4)	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Line Spacing=0.098	Coordinate Frame=POS-TARG Pattern Orientation=19.9 Angle Between Sides=63.5 Center Pattern=false		(2), (4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(15)	NGC419-CENTERED	RA: 01 08 17.8000 (17.0741667d) Dec: -72 53 2.86 (-72.88413d) Equinox: J2000 Plate Id: (?)		V=10.6	Coordinate Source: CDS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NGC 419 V short highres	(15) NGC419-CENT ERED	ACS/HRC, ACCUM, HRC-FIX	F555W	CR-SPLIT=NO		Pattern 1-1 (3)	35.0 Secs	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	NGC 419 V long highres	(15) NGC419-CENT ERED	ACS/HRC, ACCUM, HRC-FIX	F555W	CR-SPLIT=NO		Pattern 2-2 (4)	300.0 Secs	
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	
3	NGC 419 I s hort highres	(15) NGC419-CENT ERED	ACS/HRC, ACCUM, HRC-FIX	F814W	CR-SPLIT=NO		Pattern 3-3 (3)	20.0 Secs		
								[=>(Pattern 1)] [=>(Pattern 2)]	[1]	

Proposal 10396 - Visit A2 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	4	NGC 419 11 ong highres	(15) NGC419-CENT ERED	ACS/HRC, ACCUM, HRC-FIX	F814W	CR-SPLIT=NO		Pattern 4-4 (4)	259.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



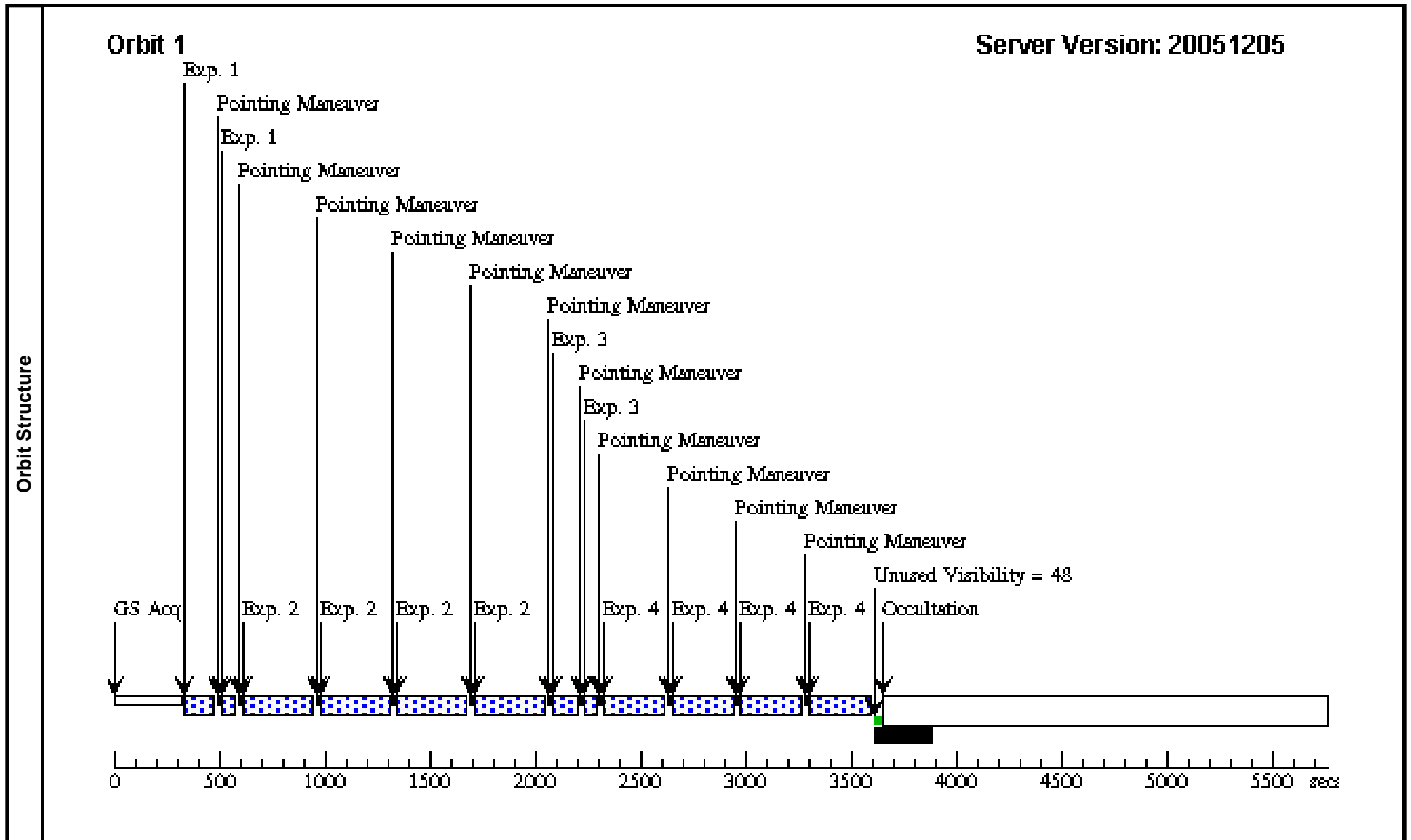
Proposal 10396 - Visit A4 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Thu Mar 09 04:33:31 GMT 2006

Visit	<b>Proposal 10396, Visit A4</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/HRC Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(3)	Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=1 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false		(1), (3)				
	(4)	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Line Spacing=0.098	Coordinate Frame=POS-TARG Pattern Orientation=19.9 Angle Between Sides=63.5 Center Pattern=false		(2), (4)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	NGC121	RA: 00 26 48.6000 (6.7025000d) Dec: -71 32 7.68 (-71.53547d) Equinox: J2000 Plate Id: (?)		V=11.2	Coordinate Source: IMAGE_TIED_TO_GSC_FRAME				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	NGC 121 V short highres	(6) NGC121	ACS/HRC, ACCUM, HRC-FIX	F555W	CR-SPLIT=NO		Pattern 1-1 (3)	25.0 Secs	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	NGC 121 V long highres	(6) NGC121	ACS/HRC, ACCUM, HRC-FIX	F555W	CR-SPLIT=NO		Pattern 2-2 (4)	300.0 Secs	
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	
	3	NGC 121 I s hort highres	(6) NGC121	ACS/HRC, ACCUM, HRC-FIX	F814W	CR-SPLIT=NO		Pattern 3-3 (3)	20.0 Secs	
								[=>(Pattern 1)] [=>(Pattern 2)]	[1]	

Proposal 10396 - Visit A4 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	4	NGC 121 I1 ong highes	(6) NGC121	ACS/HRC, ACCUM, HRC-FIX	F814W	CR-SPLIT=NO		Pattern 4-4 (4)	259.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



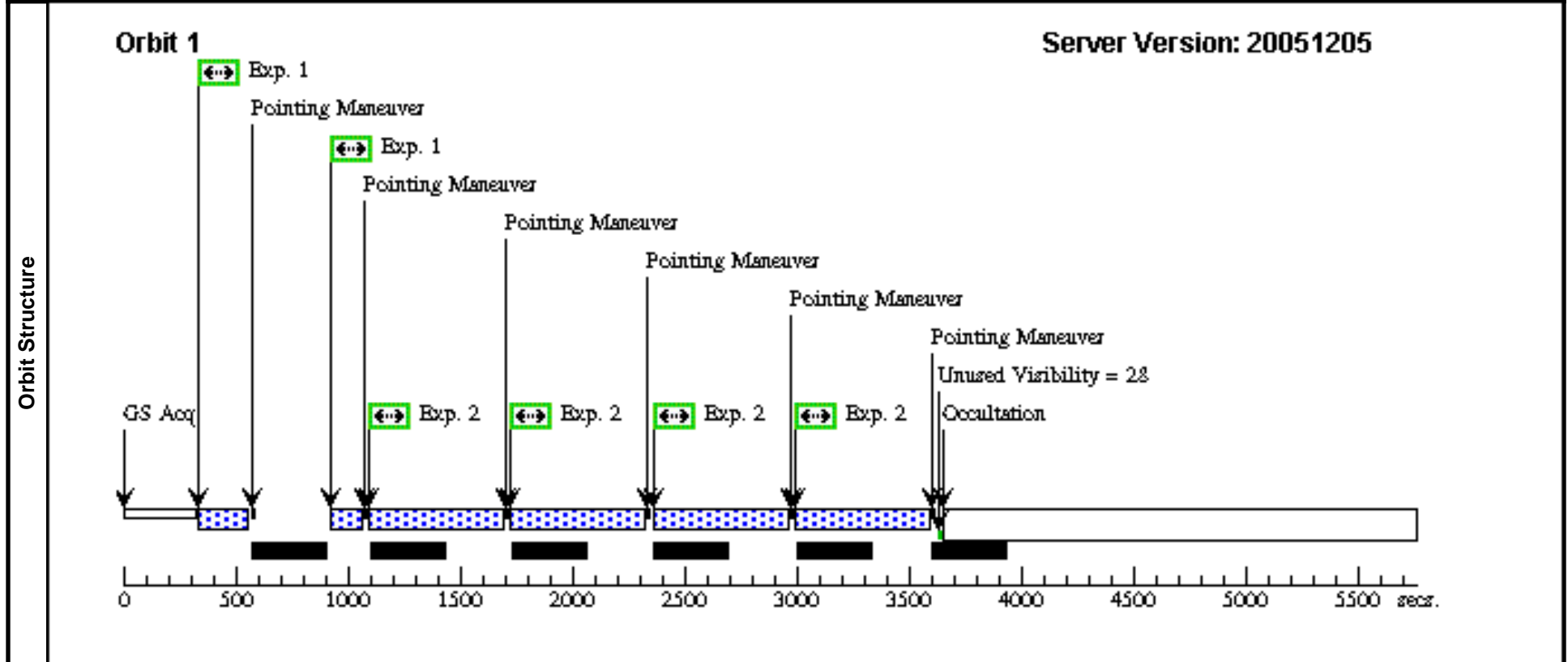
Proposal 10396 - Visit 21 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

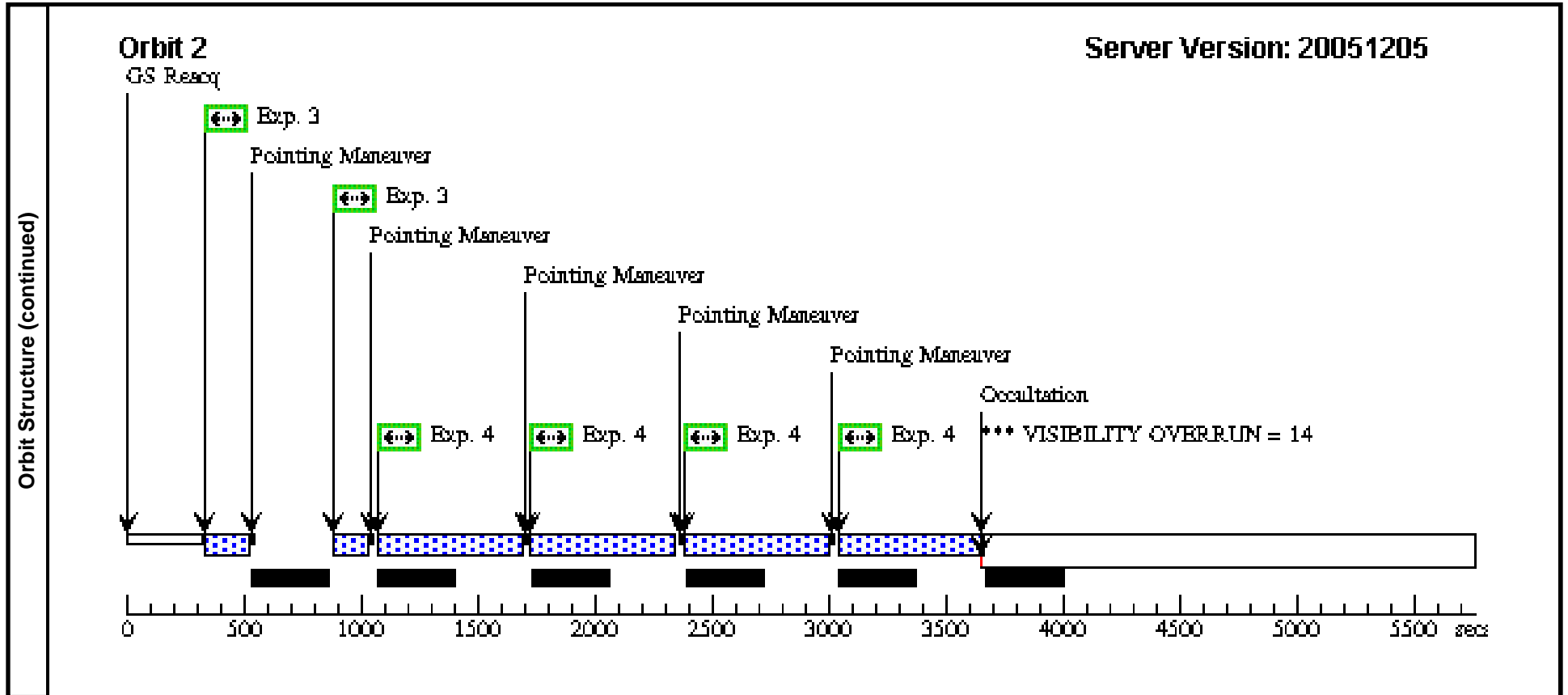
Thu Mar 09 04:33:31 GMT 2006

<b>Visit</b>	<b>Proposal 10396, Visit 21</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: ACS/WFC Special Requirements: (none)									
	(Visit 21) Warning: VISIBILITY OVERRUN									
<b>Diagnostics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=3 Line Spacing=3	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false						(2), (4)	
(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false						(1), (3)		
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>		
	(1)	NGC416	RA: 01 07 58.9700 (16.9957083d) Dec: -72 21 19.50 (-72.35542d) Equinox: J2000 Plate Id: (?)				V=11.4	Coordinate Source: CDS		
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	NGC 416 V short lowres	(1) NGC416	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 10,25	Pattern 1-1 (2)	10.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
2	NGC 416 V long lowres	(1) NGC416	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 10,25	Pattern 2-2 (1)	474.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	

Proposal 10396 - Visit 21 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	3	NGC 416 I s hort lowres	(1) NGC416	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 10,25	Pattern 3-3 (2)	20.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[2]
4	NGC 416 II ong lowres	(1) NGC416	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 10,25	Pattern 4-4 (1)	496.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





Proposal 10396 - Visit 23 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Thu Mar 09 04:33:31 GMT 2006

<b>Visit</b>	<b>Proposal 10396, Visit 23</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: ACS/WFC Special Requirements: (none)									
	(Visit 23) Warning: VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=3 Line Spacing=3	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false						(2), (4)	
<b>Patterns</b>	(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false						(1), (3)	
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>		
	(3)	NGC419	RA: 01 08 17.8000 (17.0741667d) Dec: -72 53 2.86 (-72.88413d) Equinox: J2000 Plate Id: (?)				V=10.6	Coordinate Source: CDS		
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	NGC 419 V short lowres	(3) NGC419	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 15,20	Pattern 1-1 (2)	10.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
<b>Exposures</b>	2	NGC 419 V long lowres	(3) NGC419	ACS/WFC, ACCUM, WFC-FIX	F814W	CR-SPLIT=NO; GAIN=2	POS TARG 15,20	Pattern 2-2 (1)	474.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]

Proposal 10396 - Visit 23 - Star Clusters, Stellar Populations, and the Evolution of the Small Magellanic Cloud

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	3	NGC 419 I s hort lowres	(3) NGC419	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 15,20	Pattern 3-3 (2)	20.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[2]
4	NGC 419 II ong lowres	(3) NGC419	ACS/WFC, ACCUM, WFC-FIX	F555W	CR-SPLIT=NO; GAIN=2	POS TARG 15,20	Pattern 4-4 (1)	496.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	

