



## 11800 - Hubble Heritage imaging of NGC 3324 in the Carina Nebula

Cycle: 16, Proposal Category: GO/DD

(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) NGC-3324	WFPC2	2	21-Jul-2008 21:47:41.0	yes
51	(1) NGC-3324	WFPC2	2	21-Jul-2008 21:47:46.0	yes
02	(1) NGC-3324	WFPC2	2	21-Jul-2008 21:47:50.0	yes
03	(1) NGC-3324	WFPC2	2	21-Jul-2008 21:47:53.0	yes

8 Total Orbits Used

**ABSTRACT**

An ACS H-alpha mosaic of NGC 3324 already exists (HST proposal 10475, PI Nathan Smith). This program will use WFPC2 to obtain two more filters for this field.

**OBSERVING DESCRIPTION**

A linear mosaic of WFPC2 pointings, designed to match the existing ACS H-alpha mosaic as much as possible. In addition to the large mosaic shifts, there are small dithers for the rejection of cosmic rays and detector artifacts. The mosaic strategy combined with the quantized WFPC2 exposure times somewhat dictates the 400s and 500s exposure times.

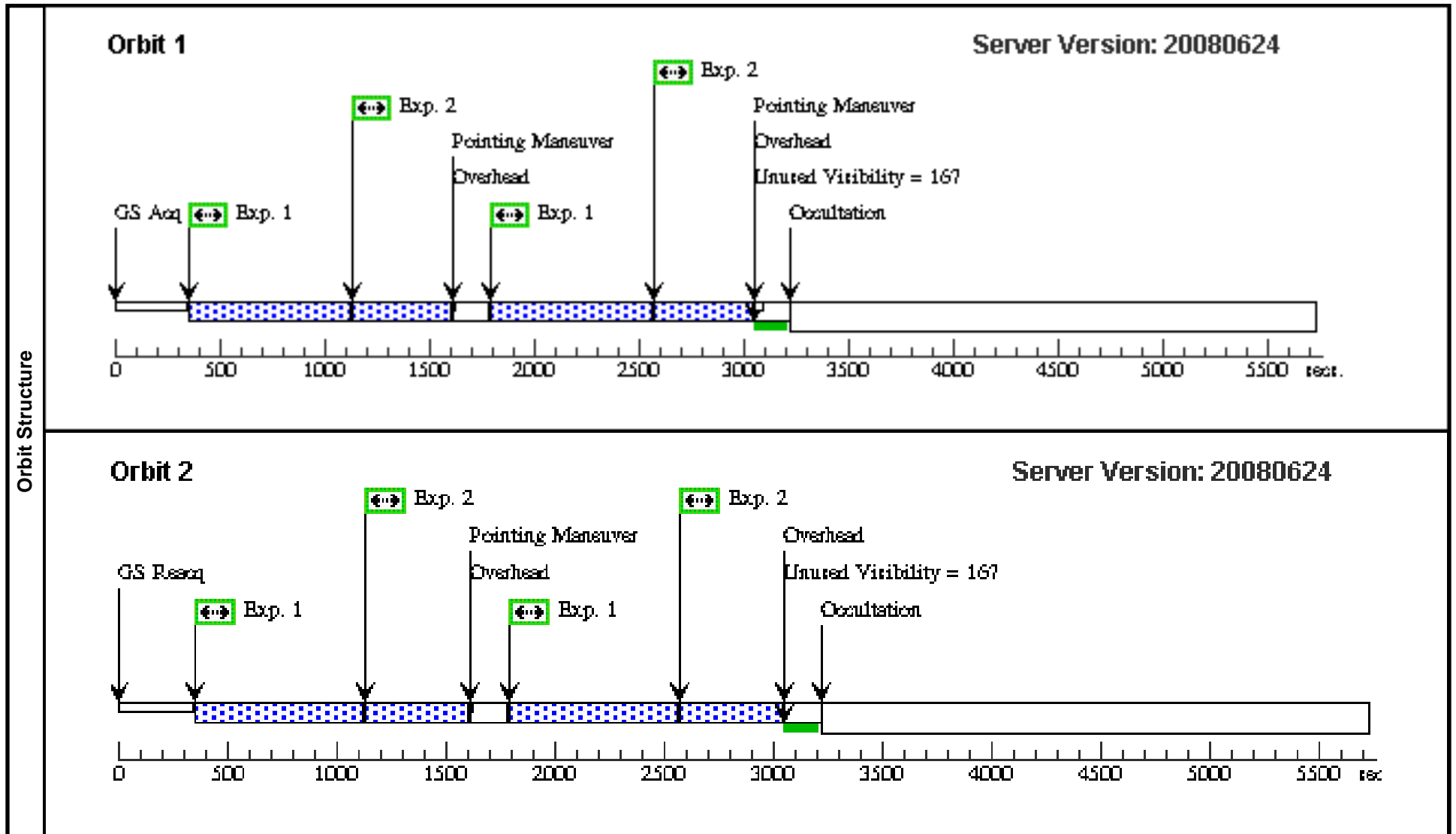
**ADDITIONAL COMMENTS**

Happy 10th Anniversary to the Hubble Heritage Team. This will be our "last hurrah" with the venerable WFPC2, which will be removed during Hubble Servicing Mission 4, after 15 outstanding years of service on orbit.

Proposal 11800 - Visit 01 - Hubble Heritage imaging of NGC 3324 in the Carina Nebula

Tue Jul 22 01:47:57 GMT 2008

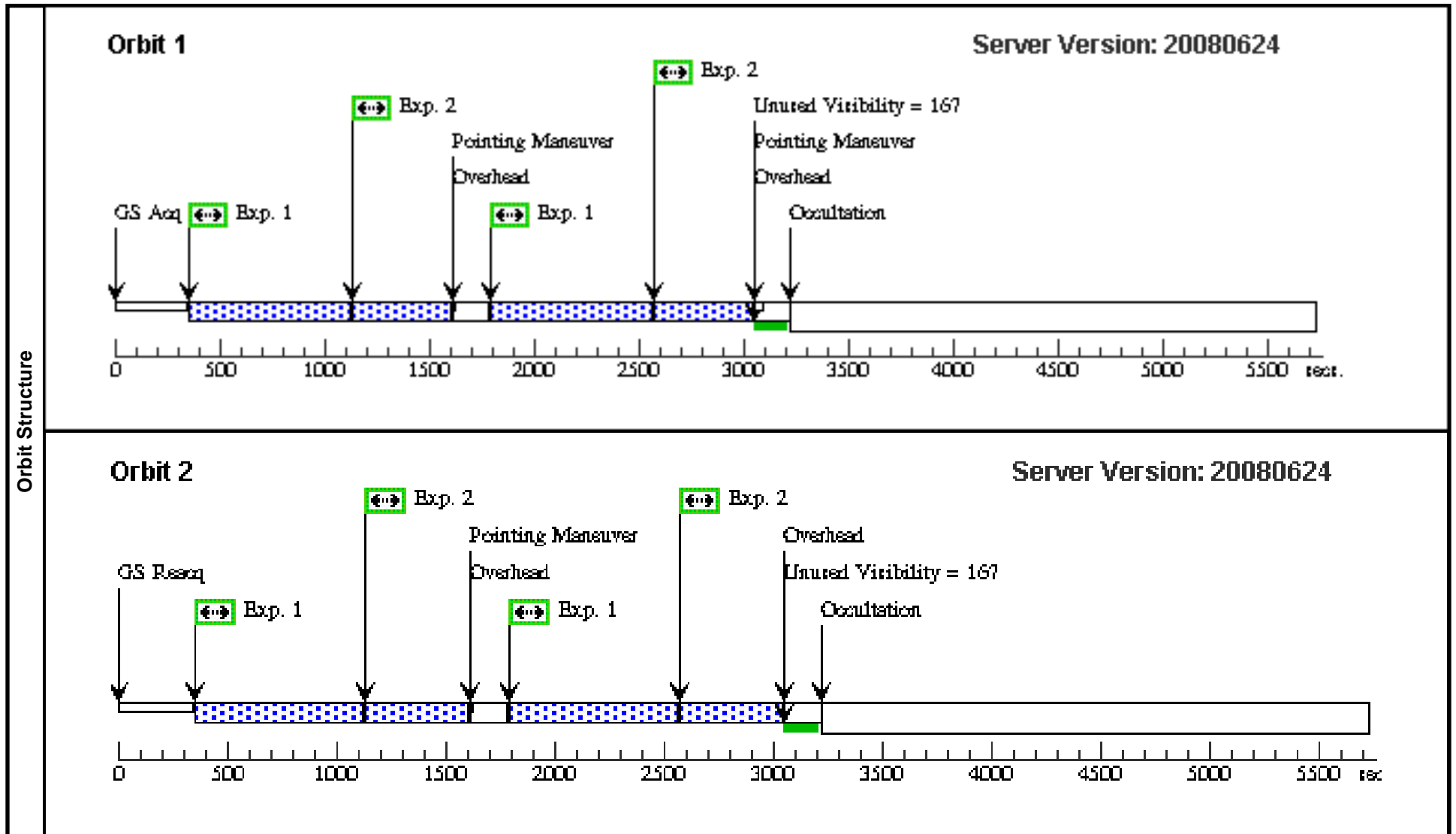
<b>Visit</b>	<b>Proposal 11800, Visit 01, completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: ORIENT 140D TO 145 D; SEQ 01,02,03 WITHIN 14 D										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>				<b>Exposures</b>
(1)		Pattern Type=LINE Purpose=MOSAIC Number Of Points=2 Point Spacing=75 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90 Angle Between Sides= Center Pattern=false	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.3535 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false	(1-2)					
<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)	NGC-3324	RA: 10 36 56.7929 (159.2366371d) Dec: -58 39 46.17 (-58.66282d) Equinox: J2000				V=10.0	Reference Frame: ICRS			
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>											
<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		(1) NGC-3324	WFPC2, IMAGE, PC1-FIX	F673N	CR-SPLIT=NO	POS TARG 0,0	Pattern 1-2 (1)	500 Secs		
									[=>(Pattern 1,1)]		
									[=>(Pattern 1,2)]		[1]
									[=>(Pattern 2,1)]		
									[=>(Pattern 2,2)]		[2]
2		(1) NGC-3324	WFPC2, IMAGE, PC1-FIX	F502N	CR-SPLIT=NO	POS TARG 0,0	Pattern 1-2 (1)	400 Secs			
								[=>(Pattern 1,1)]			
								[=>(Pattern 1,2)]		[1]	
								[=>(Pattern 2,1)]			
								[=>(Pattern 2,2)]		[2]	



Proposal 11800 - Visit 51 - Hubble Heritage imaging of NGC 3324 in the Carina Nebula

Tue Jul 22 01:47:58 GMT 2008

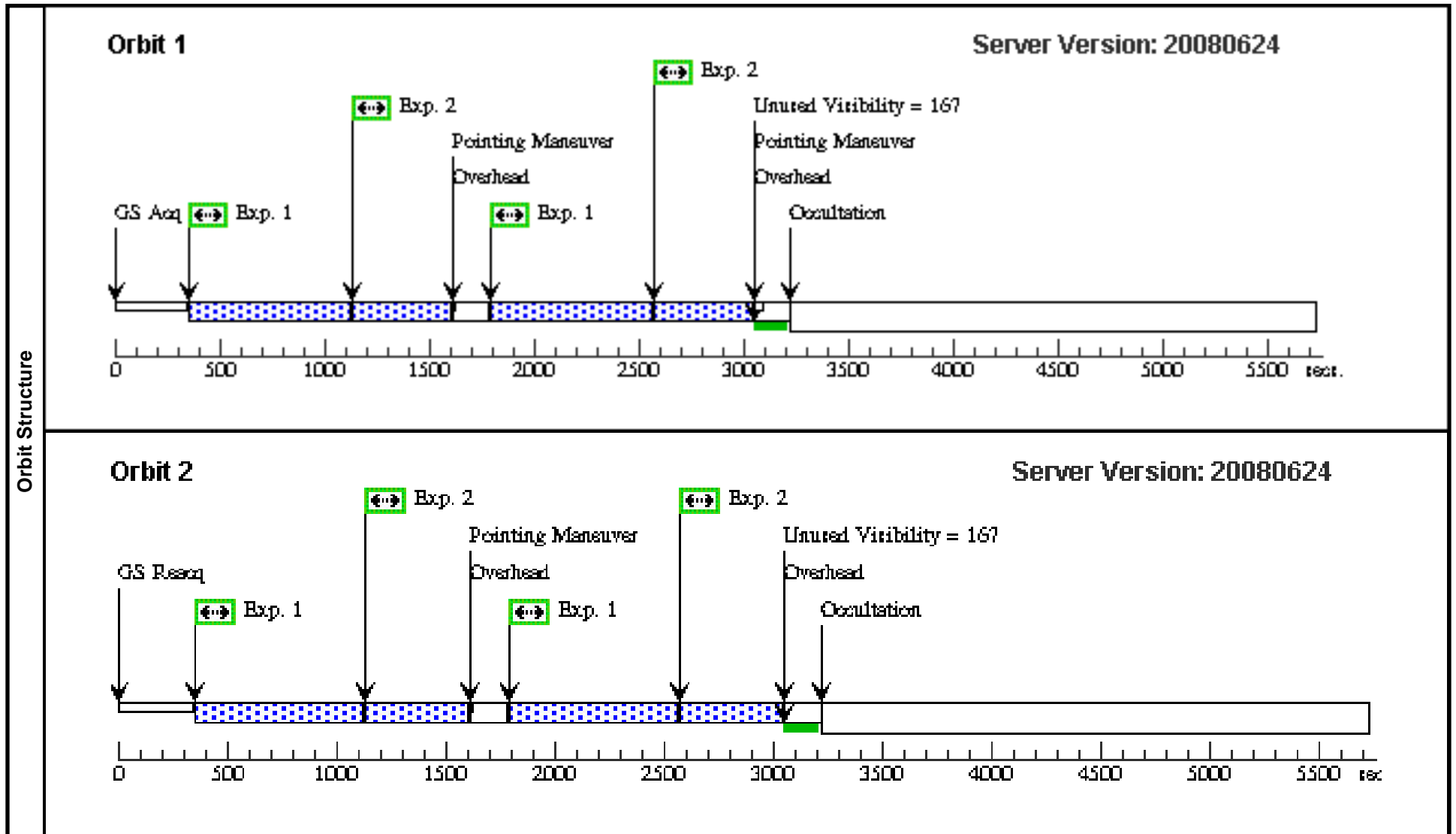
<b>Visit</b>	<b>Proposal 11800, Visit 51, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: ORIENT 145.5D TO 145.5 D										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>				<b>Exposures</b>
(1)		Pattern Type=LINE Purpose=MOSAIC Number Of Points=2 Point Spacing=75 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90 Angle Between Sides= Center Pattern=false	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.3535 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false	(1-2)					
<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)	NGC-3324	RA: 10 36 56.7929 (159.2366371d) Dec: -58 39 46.17 (-58.66282d) Equinox: J2000			V=10.0	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>											
<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	(1) NGC-3324	WFPC2, IMAGE, PC1-FIX	F673N	CR-SPLIT=NO	POS TARG 0,0	Pattern 1-2 (1)	500 Secs			
									[=>(Pattern 1,1)]	[1]	
									[=>(Pattern 1,2)]	[2]	
									[=>(Pattern 2,1)]	[1]	
									[=>(Pattern 2,2)]	[2]	
2	(1) NGC-3324	WFPC2, IMAGE, PC1-FIX	F502N	CR-SPLIT=NO	POS TARG 0,0	Pattern 1-2 (1)	400 Secs				
								[=>(Pattern 1,1)]	[1]		
								[=>(Pattern 1,2)]	[2]		
								[=>(Pattern 2,1)]	[1]		
								[=>(Pattern 2,2)]	[2]		



Proposal 11800 - Visit 02 - Hubble Heritage imaging of NGC 3324 in the Carina Nebula

Tue Jul 22 01:47:59 GMT 2008

<b>Visit</b>	<b>Proposal 11800, Visit 02, completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS 01										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>				<b>Exposures</b>
(1)		Pattern Type=LINE Purpose=MOSAIC Number Of Points=2 Point Spacing=75 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90 Angle Between Sides= Center Pattern=false	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.3535 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false	(1-2)					
<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)	NGC-3324	RA: 10 36 56.7929 (159.2366371d) Dec: -58 39 46.17 (-58.66282d) Equinox: J2000			V=10.0	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>											
<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		(1) NGC-3324	WFPC2, IMAGE, PC1-FIX	F673N	CR-SPLIT=NO	POS TARG 0,120	Pattern 1-2 (1)	500 Secs		
									[=>(Pattern 1,1)]		
									[=>(Pattern 1,2)]		[1]
									[=>(Pattern 2,1)]		
									[=>(Pattern 2,2)]		[2]
2		(1) NGC-3324	WFPC2, IMAGE, PC1-FIX	F502N	CR-SPLIT=NO	POS TARG 0,120	Pattern 1-2 (1)	400 Secs			
								[=>(Pattern 1,1)]			
								[=>(Pattern 1,2)]		[1]	
								[=>(Pattern 2,1)]			
								[=>(Pattern 2,2)]		[2]	



Proposal 11800 - Visit 03 - Hubble Heritage imaging of NGC 3324 in the Carina Nebula

Tue Jul 22 01:47:59 GMT 2008

<b>Visit</b>	<b>Proposal 11800, Visit 03, completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS 01										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>				<b>Exposures</b>
(1)		Pattern Type=LINE Purpose=MOSAIC Number Of Points=2 Point Spacing=75 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90 Angle Between Sides= Center Pattern=false	Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.3535 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45.0 Angle Between Sides= Center Pattern=false	(1-2)					
<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)	NGC-3324	RA: 10 36 56.7929 (159.2366371d) Dec: -58 39 46.17 (-58.66282d) Equinox: J2000			V=10.0	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>											
<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	(1) NGC-3324	WFPC2, IMAGE, PC1-FIX	F673N	CR-SPLIT=NO	POS TARG 0,-120	Pattern 1-2 (1)	500 Secs			
									[=>(Pattern 1,1)]	[1]	
									[=>(Pattern 1,2)]	[2]	
									[=>(Pattern 2,1)]	[1]	
									[=>(Pattern 2,2)]	[2]	
2	(1) NGC-3324	WFPC2, IMAGE, PC1-FIX	F502N	CR-SPLIT=NO	POS TARG 0,-120	Pattern 1-2 (1)	400 Secs				
								[=>(Pattern 1,1)]	[1]		
								[=>(Pattern 1,2)]	[2]		
								[=>(Pattern 2,1)]	[1]		
								[=>(Pattern 2,2)]	[2]		

