



10711 - Hubble Heritage Observations of NGC1309

Cycle: 14, Proposal Category: GO/DD

(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) NGC1309	ACS/WFC	2	12-Jul-2005 21:16:36.0	yes
02	(1) NGC1309	ACS/WFC	2	12-Jul-2005 21:16:41.0	yes

4 Total Orbits Used

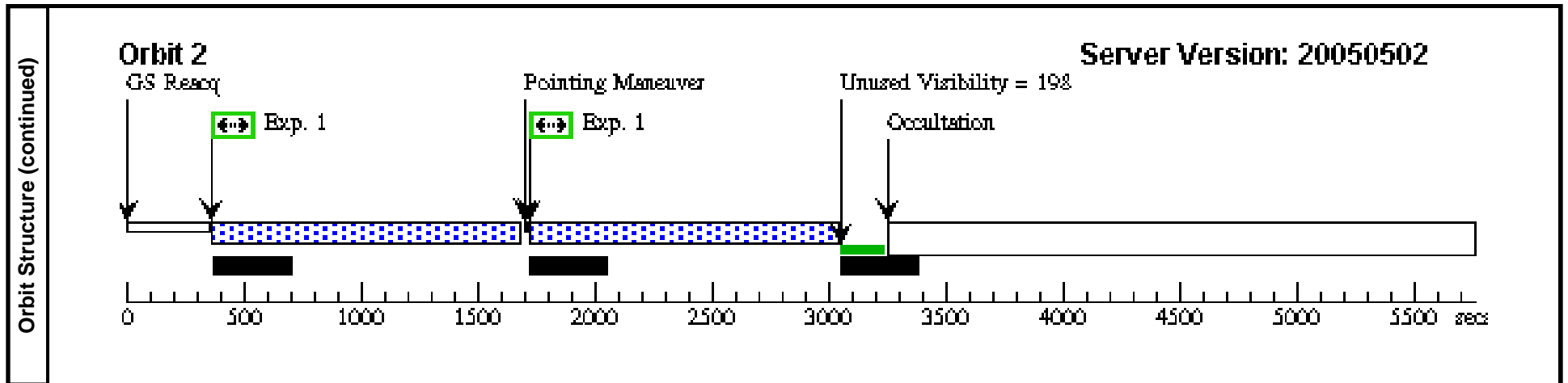
ABSTRACT

The Hubble Heritage team will use a single pointing of ACS WFC to obtain F435W images of NGC 1309 as part of a public release image.

OBSERVING DESCRIPTION

Observing NGC1309 with 1 filter. Images will be combined with images obtained from GO proposal 10497 for a public release image.

Visit	Proposal 10711, Visit 01 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 267.0D TO 267.0 D									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.129 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=39.6 Angle Between Sides= Center Pattern=false	(1)				
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(1)	NGC1309	RA: 03 22 5.2880 (50.5220333d) Dec: -15 23 49.34 (-15.39704d) Equinox: J2000 Plate Id: (?)			V=12.0	Coordinate Source: HST_IMAGE			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(1) NGC1309	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2		Pattern 1-1 (1)	1200.0 Secs		
								[==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 2,1)] [==>(Pattern 2,2)]	[1] [2]	
Orbit Structure	<p>Orbit 1 Server Version: 20050502</p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. Key events are marked with vertical arrows: GS Acq at ~100s, Exp. 1 at ~400s, Pointing Maneuver at ~1800s, another Exp. 1 at ~1900s, Occultation at ~3200s, and a final Pointing Maneuver at ~3300s. A shaded region from ~400s to ~3200s indicates the observation period. Unused visibility is 92 seconds.</p>									
	<p>Timeline labels: GS Acq, Exp. 1, Pointing Maneuver, Occultation, Unused Visibility = 92, Pointing Maneuver.</p>									



Visit	Proposal 10711, Visit 02 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 267.0D TO 267.0 D									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.129 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=39.6 Angle Between Sides= Center Pattern=false	(1)				
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(1)	NGC1309	RA: 03 22 5.2880 (50.5220333d) Dec: -15 23 49.34 (-15.39704d) Equinox: J2000 Plate Id: (?)			V=12.0	Coordinate Source: HST_IMAGE			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(1) NGC1309	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2		Pattern 1-1 (1)	1200.0 Secs		
								[==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 2,1)] [==>(Pattern 2,2)]	[1] [2]	
Orbit Structure	Orbit 1 Server Version: 20050502									
	<p>The diagram illustrates the orbit structure for Orbit 1, spanning from 0 to 5500 seconds. Key events are marked with arrows: GS Acq at approximately 100 seconds, the first exposure (Exp. 1) at 400 seconds, a pointing maneuver at 1800 seconds, the second exposure (Exp. 1) at 1900 seconds, an occultation at 3200 seconds, and a final pointing maneuver at 3300 seconds. A shaded region from 400 to 3200 seconds represents the observation period. A note indicates 'Unused Visibility = 92' seconds following the occultation.</p>									

