



10713 - Hubble Heritage Observations of NGC 281

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) NGC281	ACS/WFC	3	14-Sep-2005 15:11:30.0	yes

3 Total Orbits Used

ABSTRACT

Proposal 10713 - Overview

The Hubble Heritage team will use a single pointing of ACS WFC to obtain F435W, F555W, F658N, and F814W images of NGC 281 as part of a public release image.

OBSERVING DESCRIPTION

Observing NGC 281 with 4 filters.

The constraints on the orient were made to allow the large globule and stream of dust to be included in the image, but to remove the 10th magnitude star at the NE corner of the field. We are not concerned with cosmetic effects that the proximity of this star may cause. We have decided not to include shorter exposures as a consistent S/N is more valuable than artifacts that can be later removed.

Proposal 10713 - Visit 01 - Hubble Heritage Observations of NGC 281

Wed Sep 14 19:11:34 GMT 2005

Visit	Proposal 10713, Visit 01 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: ORIENT 157.0D TO 163.0 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(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		(2-4)				
	(2)	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=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.2 Angle Between Sides= Center Pattern=false	(1)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC281	RA: 00 53 4.7745 (13.2698938d) Dec: +56 38 15.41 (56.63761d) Equinox: J2000 Plate Id: (?)		V=10.0+/-0.1	Coordinate Source: GSC_SURVEY_PLATE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	F658N	(1) NGC281	ACS/WFC, ACCUM, WFC	F658N	CR-SPLIT=NO		Pattern 1-1 (2)	1385.0 Secs	
									[==>(Pattern 1,1)]	[1]
									[==>(Pattern 1,2)]	
									[==>(Pattern 2,1)]	[2]
									[==>(Pattern 2,2)]	
	2	F435W	(1) NGC281	ACS/WFC, ACCUM, WFC	F435W	CR-SPLIT=NO		Pattern 2-4 (1)	340.0 Secs	
									[==>(Pattern 1)]	[3]
								[==>(Pattern 2)]		
3	F555W	(1) NGC281	ACS/WFC, ACCUM, WFC	F555W	CR-SPLIT=NO		Pattern 2-4 (1)	340.0 Secs		
								[==>(Pattern 1)]	[3]	
								[==>(Pattern 2)]		
4	F814W	(1) NGC281	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 2-4 (1)	340.0 Secs		
								[==>(Pattern 1)]	[3]	
								[==>(Pattern 2)]		



