11093 - Hubble Heritage Observations of PNe with WFPC2

Cycle: 15, Proposal Category: GO/DD

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(1) PN-G111.8-02.8	WFPC2	4	31-Jan-2007 11:21:46.0	yes
02	(2) IC-4593	WFPC2	4	31-Jan-2007 11:22:08.0	yes
03	(3) NGC-2371	WFPC2	5	31-Jan-2007 11:22:23.0	yes

13 Total Orbits Used

ABSTRACT

This is a proposal for observation of a set of PNe using a common WFPC2 observation sequence.

OBSERVING DESCRIPTION

5 orbit generic observing sequence for PNe

part two (note: for some targets the sequence is truncated or expanded)

Visit

Proposal 11093, Visit 01, implementation Thu Feb 01 03:03:47 GMT 2007

Diagnostic Status: No Diagnostics

Scientific Instruments: WFPC2

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX	Coordinate Frame=POS-TARG		(1), (2), (3), (4-6)
	Purpose=DITHER	Pattern Orientation=26.6		
	Number Of Points=4	Angle Between Sides=143.1		
	Point Spacing=0.559	Center Pattern=false		
	Line Spacing=0.559			

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	PN-G111.8-02.8	RA: 23 26 14.9000 (351.5620833d)		V=15.0+/-5.0	Reference Frame: NED
		Dec: +58 10 53.00 (58.18139d)			
		Equinox: J2000			

Comments: This object was generated by the targetselector and retrieved from the NED database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) PN-G111.8-02.8	WFPC2, IMAGE, PC1-FIX	F656N	ATD-GAIN=15		Pattern 1-1 (1)	400.0 Secs	
								[==>(Pattern 1)]	***[1]***
								[==>(Pattern 2)]	
								[==>(Pattern 3)]	
								[==>(Pattern 4)]	
2		(1) PN-G111.8-02.8	WFPC2, IMAGE, PC1-FIX	F502N	ATD-GAIN=15		Pattern 2-2 (1)	400.0 Secs	
								[==>(Pattern 1)]	***[2]***
								[==>(Pattern 2)]	
								[==>(Pattern 3)]	
								[==>(Pattern 4)]	
3		(1) PN-G111.8-02.8	WFPC2, IMAGE, PC1-FIX	F658N	ATD-GAIN=15		Pattern 3-3 (1)	400.0 Secs	
								[==>(Pattern 1)]	***[3]***
								[==>(Pattern 2)]	
								[==>(Pattern 3)]	
								[==>(Pattern 4)]	
4		(1) PN-G111.8-02.8	WFPC2, IMAGE, PC1-FIX	F439W	ATD-GAIN=15		Pattern 4-6 (1)	50.0 Secs	
								[==>(Pattern 1)]	***[4]***
								[==>(Pattern 2)]	
								[==>(Pattern 3)]	
								[==>(Pattern 4)]	

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5		(1) PN-G111.8-02.8	WFPC2, IMAGE, PC1-FIX	F555W	ATD-GAIN=15		Pattern 4-6 (1)	30.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[4]***
6		(1) PN-G111.8-02.8	WFPC2, IMAGE, PC1-FIX	F675W	ATD-GAIN=15		Pattern 4-6 (1)	30.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[4]***

Visit

Proposal 11093, Visit 02, implementation Thu Feb 01 03:03:48 GMT 2007

Diagnostic Status: No Diagnostics

Scientific Instruments: WFPC2

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFPC2-BOX	Coordinate Frame=POS-TARG		(1), (2), (3), (4-6)
	Purpose=DITHER	Pattern Orientation=26.6		
	Number Of Points=4	Angle Between Sides=143.1		
	Point Spacing=0.559	Center Pattern=false		
	Line Spacing=0.559			

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	IC-4593	RA: 16 11 44.5000 (242.9354167d)		V=15.0+/-5.0	Reference Frame: NED
		Dec: +12 04 17.00 (12.07139d)			
		Equinox: J2000			

Comments: This object was generated by the targetselector and retrieved from the NED database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(2) IC-4593	WFPC2, IMAGE, PC1-FIX	F656N	ATD-GAIN=15		Pattern 1-1 (1)	400.0 Secs	
								[==>(Pattern 1)]	***[1]***
								[==>(Pattern 2)]	
								[==>(Pattern 3)]	
								[==>(Pattern 4)]	
2		(2) IC-4593	WFPC2, IMAGE, PC1-FIX	F502N	ATD-GAIN=15		Pattern 2-2 (1)	400.0 Secs	
								[==>(Pattern 1)]	***[2]***
								[==>(Pattern 2)]	
								[==>(Pattern 3)]	
								[==>(Pattern 4)]	
3		(2) IC-4593	WFPC2, IMAGE, PC1-FIX	F658N	ATD-GAIN=15		Pattern 3-3 (1)	400.0 Secs	
								[==>(Pattern 1)]	***[3]***
								[==>(Pattern 2)]	
								[==>(Pattern 3)]	
								[==>(Pattern 4)]	
4		(2) IC-4593	WFPC2, IMAGE, PC1-FIX	F439W	ATD-GAIN=15		Pattern 4-6 (1)	50.0 Secs	
								[==>(Pattern 1)]	***[4]***
								[==>(Pattern 2)]	
								[==>(Pattern 3)]	
								[==>(Pattern 4)]	

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5		(2) IC-4593	WFPC2, IMAGE, PC1-FIX	F555W	ATD-GAIN=15		Pattern 4-6 (1)	30.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[4]***
6		(2) IC-4593	WFPC2, IMAGE, PC1-FIX	F675W	ATD-GAIN=15		Pattern 4-6 (1)	30.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[4]***

Visit

Proposal 11093, Visit 03, implementation Thu Feb 01 03:03:48 GMT 2007

Diagnostic Status: No Diagnostics

Scientific Instruments: WFPC2

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(2)	Pattern Type=BOX	Coordinate Frame=POS-TARG		(1), (2), (3), (4), (5-7)
	Purpose=DITHER	Pattern Orientation=36.9		
	Number Of Points=4	Angle Between Sides=163.7		
	Point Spacing=1.25	Center Pattern=false		
	Line Spacing=1.25			

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	NGC-2371	RA: 07 25 34.6000 (111.3941667d)		V=15.0+/-5.0	Reference Frame: NED
		Dec: +29 29 26.00 (29.49056d)			
		Equinox: J2000			

Comments: This object was generated by the targetselector and retrieved from the NED database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(3) NGC-2371	WFPC2, IMAGE, WF3-FIX	F656N	ATD-GAIN=15		Pattern 1-1 (2)	400.0 Secs	
								[==>(Pattern 1)]	***[1]***
								[==>(Pattern 2)]	
								[==>(Pattern 3)]	
								[==>(Pattern 4)]	
2		(3) NGC-2371	WFPC2, IMAGE, WF3-FIX	F502N	ATD-GAIN=15		Pattern 2-2 (2)	400.0 Secs	
								[==>(Pattern 1)]	***[2]***
								[==>(Pattern 2)]	
								[==>(Pattern 3)]	
								[==>(Pattern 4)]	
3		(3) NGC-2371	WFPC2, IMAGE, WF3-FIX	F658N	ATD-GAIN=15		Pattern 3-3 (2)	400.0 Secs	
								[==>(Pattern 1)]	***[3]***
								[==>(Pattern 2)]	
								[==>(Pattern 3)]	
								[==>(Pattern 4)]	
4		(3) NGC-2371	WFPC2, IMAGE, WF3-FIX	F673N	ATD-GAIN=15		Pattern 4-4 (2)	400.0 Secs	
								[==>(Pattern 1)]	***[4]***
								[==>(Pattern 2)]	
								[==>(Pattern 3)]	
								[==>(Pattern 4)]	

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5		(3) NGC-2371	WFPC2, IMAGE, WF3-FIX	F439W	ATD-GAIN=15		Pattern 5-7 (2)	50.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[5]***
6		(3) NGC-2371	WFPC2, IMAGE, WF3-FIX	F555W	ATD-GAIN=15		Pattern 5-7 (2)	30.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[5]***
7		(3) NGC-2371	WFPC2, IMAGE, WF3-FIX	F675W	ATD-GAIN=15		Pattern 5-7 (2)	30.0 Secs	
								[==>(Pattern 1)] *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[5]***