



15766 - ACS SBC Darks

Cycle: 27, Proposal Category: CAL/ACS

(Availability Mode: RESTRICTED)

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	DARK	ACS/SBC	4	14-Aug-2019 15:09:57.0	yes

4 Total Orbits Used

ABSTRACT

This takes a series of SBC dark measurements over a continuous period of about 6 hours (4 orbits). The aim is to collect dark images during an extended SBC on-time. Earlier measurements indicate that the dark current increases with SBC on-time and may also be increasing with overall SBC use. The 6-hour time matches the longest time used by any observer. As with all SBC observations this needs continuous SAA free time.

This program is executed once per cycle. The last exposures were taken in April 2019 under Program 15528.

OBSERVING DESCRIPTION

Five 1000-second darks are taken in each of four orbits. The SBC will thereby be kept on continuously for about 6 hours.

Proposal 15766 - Visit 01 - ACS SBC Darks

Wed Aug 14 19:09:58 GMT 2019

Visit	Proposal 15766, Visit 01 Diagnostic Status: Warning Scientific Instruments: ACS/SBC Special Requirements: GYRO MODE 3GOBAD; BETWEEN 01-MAR-2020:00:00:00 AND 01-APR-2020:00:00:00 Comments: HOPR repeat of visit 01 (ACS suspend)									
	Diagnostics	(Visit 01) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU								
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
	1		DARK	ACS/SBC, ACCUM, SBC	DEF		SAA CONTOUR 28		1000.0 Secs X 5 (5000 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
									[==>(Copy 4)]	
									[==>(Copy 5)]	
	2		DARK	ACS/SBC, ACCUM, SBC	DEF		SAA CONTOUR 28		1000.0 Secs X 5 (5000 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
								[==>(Copy 3)]	[2]	
								[==>(Copy 4)]		
								[==>(Copy 5)]		
3		DARK	ACS/SBC, ACCUM, SBC	DEF		SAA CONTOUR 28		1000.0 Secs X 5 (5000 Secs)		
								[==>(Copy 1)]	[2]	
								[==>(Copy 2)]		
								[==>(Copy 3)]		
								[==>(Copy 4)]	[3]	
								[==>(Copy 5)]		
4		DARK	ACS/SBC, ACCUM, SBC	DEF		SAA CONTOUR 28		1000.0 Secs X 5 (5000 Secs)		
								[==>(Copy 1)]	[3]	
								[==>(Copy 2)]		
								[==>(Copy 3)]		
								[==>(Copy 4)]	[4]	
								[==>(Copy 5)]		



