

ACS Cycle 21 Calibration Plan

PI Program ID	Proposal Title	Frequency	Time (orbits)		Scheduling Required	Resources Required (FTE)	Products	Accuracy Required	Notes
			External	Internal					
Golimowski 13589-90-91	ACS CCD Daily Monitor	3x/week		656	Periodic	0.5	Ref files		Dark, bias creation
Chiaberge 13592	ACS External CTE Monitor	Yearly	9		< Feb 2014	0.5	formula	1% abs	Monitoring of CTE losses to calibrate correction formula
Ogaz 13593	ACS Internal CTE Monitor	Yearly		15	Nov 13 (CTE) Jul-Sep 14(darks)	0.09	Web, cte ref files	1%	EPER, short darks for pix- based CTE calibration
Golimowski 13594	ACS CCD Hot Pixel Annealing	4 weeks		156	Periodic	0.5	Ref		
Avila 13595	ACS UV Contamination Monitor	Yearly	2			0.2	Ref, ISR	1%	SBC
Coe 13596	ACS CCD Stability Monitor	3x in cycle	4		Nov13 Mar/Jul14	0.3	Ref files	1%	L-flat, Distortion, Photometry
McMaster 13597	ACS Internal Flat Fields	2x/cycle		16	~Dec13 ~Aug14	0.2	Ref, ISR	<1%	Track flat field changes, uses lamp
Ogaz 13598	ACS SBC darks	Yearly		4		0.04		10%	
Bohlin 13599	ACS Photometric cross-cal	Yearly	8		Mar 14	0.3	ISR, zp, ref files	1%	Time dependent phot cal
Wheeler 13600	ACS SBC MAMA Recovery	as needed		4		0.004	-	-	After irregular safing
Golimowski 13601	Bias Frames for subarrays			10	Linked to GO prog	0.1	Ref files	-	Subarray biases for WFC
Bohlin 13602	Bandpass variations across the FOV		4	40	2 stars within 3 months	0.3			User defined subarrays
Chiaberge 13603	Post flash extended sources		3			0.4			
Ogaz 13604	Post flash calibration			1	< Nov 1st	0.02		1%	Post-flashed darks
Anderson 13605	Post flashed darks			12	Mar-april 14	0.1		10-25%	Visits within <~2 weeks
Anderson 13606	PSF support pilot program		3			0.1			
Total requested orbits			33	914		3.654			