

ACS Cycle 23 Calibration Plan

PI	Proposal Title	Frequency	Time (orbits)		Scheduling Required	Resources Required (FTE)	Products	Accuracy Required	Notes
			External	Internal					
Golimowski 14395-6-7	ACS CCD Daily Monitor	3x/week + subarrays		681	Periodic	0.5	Ref files		Dark, bias creation
Chiaberge 14398	ACS External CTE Monitor	Yearly	8		< May 2016	0.5	correction formula	1% abs	Monitoring of CTE losses to calibrate correction formula
Ogaz 14399	ACS Internal CTE Monitor	Twice in Cycle		12	Nov 15 May 16	0.04	Web, cte ref files	10%	CTE EPER test
Golimowski 14400	ACS CCD Hot Pixel Annealing	4 weeks		156	Periodic	0.25	Ref		
Avila 14401	ACS UV Contamination Monitor	Yearly	2			0.2	Ref, ISR	1%	SBC sensitivity
Coe 14402	ACS CCD Stability Monitor	3x in cycle	8	4	Nov 15 Mar/Jul 16	0.3	Ref files	1%	L-flat, Distortion, Photometry
Borncamp 14403	ACS Internal Flat Fields	2x/cycle		28	~Dec15 ~Aug16	0.2	Ref, ISR	<1%	Track flat field changes, uses lamps. SBC flats
Ogaz 14404	ACS SBC darks	Yearly		4		0.04		10%	
Bohlin 14405	ACS Photometric calibration	Yearly	4	6	Mar 15	0.3	ISR, zp, ref files	<~1%	Time dependent phot cal
Wheeler 14406	ACS SBC MAMA Recovery	as needed		4		0.004	-	-	After irregular safing
Golimowski no ID	Bias Frames for subarrays			<36	Linked to GO prog	0.1	Ref files	-	Subarray biases for WFC
McMaster 14407	ACS Polarization calibration		8	4		0.15			Polarization coefficients
Avila 14408	Encircled energy curves for ACS/SBC		3			0.15			SBC PSF
Ogaz 14409	Post flash calibration	Yearly		1	March 2016	0.02		1%	Post-flash ref file
Total requested orbits			33	<936		2.754			