ACS Cycle 31 Calibration plan - Routine programs

ID	PI	Proposal Title	Frequency	Orbits External	Internal	Scheduling requirements	Resources required (FTE)	Products	Accuracy goal	Notes
17331	Hathi	ACS CCD Stability monitor	4x / cycle	6		~Nov,Feb,May,Aug	0.1	Flat field ref. files, geom. dist	1% for FF	L-flats, Distortion, Photometry. 47Tuc + OmegaCen
17332	Ryon	ACS Internal CTE monitor	2x / cycle		12	Nov 23, May 24	0.1	CTE webpage updates	10%	CTE EPER Test, uses LED
17333	McDonald	ACS CCD Daily monitor	3x/week		628	Periodic	0.5	Ref. files		Superdark, superbias creation, sink pixels
17336	Chiaberge	ACS External CTE monitor	Yearly	8		Summer 2024	0.3	Correction formula	~2% abs	Monitoring of CTE losses to calibrate phot. corr.
17337	McDonald	ACS CCD hot pixel annealing	4 weeks		156	Periodic	0.25	Ref. files, ISR		
17338	Avila	ACS SBC Photometric monitor	Yearly	2		Early spring 24	0.1	Ref. files, zeropoints	1%	Formerly "contamination monitor", UV Sensitivity
17339	Cohen	ACS Internal Flat Fields	2x / cycle		16	Dec 23 Jun 24	0.1	Ref. files, ISR	<1%	Track P-flats changes, uses lamps.
17340	Avila	ACS SBC Darks*	8x / cycle		24	Periodic	0.15		10%	SBC dark current monitor - increased frequency
17341	Bohlin	ACS Photometric Calibration	Yearly	4		By end of cycle	0.15	Improved flux calibration	<~1%	
17342	Wheeler	ACS SBC MAMA Recovery	as needed		4	N/A	0.004			After irregular safing
17343	McDonald	Postflash Calibration	yearly		6	Nov-22	0.1	Postflash calibration file	1%	Performed since Cycle 25
17344	Anand	ACS/WFC Gain monitor	yearly		2	None	0.05	Gain	<5%	Performed in Cycle 25 for first time since SM4
		Total orbits for routine Cycle 31 programs		20	848		1.904			

* modified with respect to Cycle 30