ACS Cycle 33 Calibration plan - Routine programs

ID	PI	Proposal Title	Frequency	Orbits		Scheduling requirements	Resources required (FTE)	Products	Accuracy goal	Notes
				External	Internal					
17975	Clark	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
17976	Ryon	ACS Internal CTE monitor	2x / cycle		12	~Nov 25, ~May 26	0.1	CTE webpage updates	10%	CTE EPER Test, uses LED
17977-8	Guzman	ACS CCD Daily monitor	3x/week		314	Periodic	0.5	Ref. files		Superdark, superbias creation, sink pixels
17979	Chiaberge	ACS External CTE monitor	Yearly	8		~Summer 2026	0.3	Correction formula	~2% abs	Monitoring of CTE losses to calibrate phot. corr.
17980	Guzman	ACS CCD hot pixel annealing	4 weeks		156	Periodic	0.25	Ref. files, ISR		
17981	Avila	ACS SBC Photometric monitor	Yearly	2		Early spring 26	0.1	Ref. files, zeropoints	1%	Formerly "contamination monitor", UV Sensitivity
17982	Cohen	ACS Internal Flat Fields	2x / cycle		16	Dec 25 Jun 26	0.1	Ref. files, ISR	<1%	Track P-flats changes, uses lamps.
17983	Guzman	ACS SBC Darks	8x / cycle		24	Periodic	0.15		10%	SBC dark current monitor - increased frequency
17984	Anand	ACS Photometric Calibration	Yearly	5		By end of cycle	0.1	Improved flux calibration	<~1%	
17985	Welty	ACS SBC MAMA Recovery	as needed		4	N/A	0.008			After irregular safing
17986	McDonald	Postflash Calibration	yearly		6	Late november 2025	0.1	Postflash calibration file	1%	Performed since Cycle 25
17987	Anand	ACS/WFC Gain monitor	yearly		2	~1 yr since last epoch	0.05	Gain	<2-3%	Gain from lamp flat
		Total orbits for routine Cycle 33 programs		21	534		1.858			