

ACS Cycle 18 Calibration Plan

| PI | Proposal Title | Frequency | Time (orbits) | | Scheduling Required | Resources Required (FTE) | Products | Accuracy Required | Notes |
|-------------------------------------|---------------------------|-------------|---------------|----------|-----------------------------------|--------------------------|------------|-------------------|---|
| | | | External | Internal | | | | | |
| Routine Monitoring Programs | | | | | | | | | |
| Golimowski 12384 | CCD Daily Monitor | 3x/week | | 624 | Periodic | 0.5 | Ref files | | Dark, bias creation |
| Chiaberge 12385 | External CTE Monitor | Yearly | 9 | | < Feb 2011 | 0.5 | Corr Form. | 1% abs | Monitoring of CTE losses |
| Lim 12386 | Internal CTE Monitor | Yearly | | 15 | Nov 10 (CTE) Jul-Sep 11(darks) | 0.5 | ISR | 1% | EPER, short darks for pix-based CTE calibration |
| Golimowski 12387 | CCD Hot Pixel Annealing | 4 weeks | | 156 | Periodic | 0.25 | Ref | | |
| Smith 12388 | UV Contamination Monitor | Yearly | 2 | | | 0.2 | Ref, ISR | 1% | SBC |
| Grogin 12389 | CCD Stability Monitor | 3x in cycle | 4 | | Nov10 Mar/jul11 | 0.5 | Ref | 1% | L-flat, Distortion, Photometry |
| Maybhate 12390 | Internal Flat Fields | 2x/cycle | | 16 | ~Dec10 ~Aug11 | 0.2 | Ref, ISR | <1% | Track flat field changes, uses lamp |
| Lim 12391 | SBC darks | | | 4 | Mar 11 | 0.02 | | 10% | |
| Bohlin 12392 | Photometric cross-cal | yearly | 7 | | | 0.3 | ISR? | 1% | Time dependent phot cal |
| Wheeler 12393 | SBC MAMA Recovery | as needed | | 4 | | 0.004 | - | - | After irregular safing |
| Golimowski 12394 | Bias Frames for subarrays | | | 18 | Linked to GO progs | 0.1 | Ref files | - | Subarray biases for WFC |
| Special calibration Programs | | | | | | | | | |
| Golimowski 12395 | Bias shift calibration | | 2 | | Jan-jun 11 | 0.25 | Script | 0.02% | Calibrate bias shift |
| Total requested orbits | | | 24 | 837 | | 3.22 | | | |
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