

Table 1: Revised NICMOS Cycle 7 Calibration Plan (June 1997 - December 1998)

ID	Proposal Title	Frequency	Estimated Time (orbits)		Required Resources (FTE)	Products	Accuracy	Comments
			“External”	“Internal”				
Routine Monitoring Programs								
7596	MULTIACCUM Darks	1/4 weeks		54	0.10	CBDS	10 DN	Data in all three cameras
7690	Internal Lamp Flats	1/4 weeks	26		0.30	CDBS	1%	NIC1&2 master flats + monitor
7607	Photometric Monitoring	1/4 weeks	18		0.15	ISR	2%	June'97 to Jan'98
7902	Photometric Monitoring II	1/4 weeks	22		0.15	ISR	2%	Feb.'98 to Dec'98
7608	Focus Monitoring	2/4weeks	51		0.30	PDB	1 mm	Jun'97 to Jan'98
7901	Focus Monitoring II	1/4weeks	22		0.30	PDB	1 mm	Feb'98 to Dec'99
7903	GRISM Dispersion Monitoring	1/ 8 weeks	6		0.10	CDBS	0.01 μ m	Extragalactic Grism Survey
Special Calibration Programs								
7703-10	MULTIACCUM Darks	1		132	0.50	CDBS	10 DN	Data in all three cameras
7789, 93-99	MULTIACCUM Darks: post-fix	1		132	0.50	CDBS	10 DN	Data in all three cameras
7688	ACCUM Darks	1		37	0.10	CDBS	10 DN	Data in all three cameras
7775	Earth Flats	5		150	0.70	CDBS	5%	NIC1&2; NIC3 reduced program
7691	Photometric Zero Point	1	12	2	0.30	Synphot	5-10%	NIC1&2
7904	Photometric Zero Point: Red Stars	1	6		0.15	Synphot	5-10%	NIC1&2
7692	Polarizers	1	12	2	0.30	ISR	1%	NIC1&2
7693	Pupil Transfer Function	1	15		0.10	ISR	1%	NIC1&2
7611	Thermal Background	continuous		20	0.10	ISR	n/a	Data and analysis for NIC2&3
7806	GRISM Revalidation	1	2		0.05	CBDS	0.01 μ m	revalidation of SMOV test
NIC3 Specific Calibration Programs: Campaign January'98								
7813	NIC3 HDF Darks	continuous		83	0.00			Darks for HDF Observations

Table 1: Revised NICMOS Cycle 7 Calibration Plan (continuation)

ID	Proposal Title	Frequency	Estimated Time (orbits)		Required Resources (FTE)	Products	Accuracy	Comments
			“External”	“Internal”				
7815	NIC3 Earth Flats	continuous		8	0.30	CDBS	5%	narrow-band filters
7814	NIC3 Lamp Flats	1	7		0.15	CDBS	1%	all filters
7610	Plate Scale Calibration	1	1		0.05	ISR	0.1%	
7816	NIC3 Photometric Zero Point	1	13		0.20	Synphot	5-10%	all filters; intra-pixel sensitivity
7693	Pupil Transfer Function	1	10		0.10	ISR	1%	F110W and F222M
7695	GRISM Wavelength Calibration	1	2		0.10	CDBS	0.01 μ m	G096, G141 and G206
7696	GRISM Absolute Sensitivity	1	4		0.20	CDBS	20-30%	G096, G141 and G206
Closure Special Calibration Programs: Support Cycle 7 Science Observations								
7938	FOM-focus Test	1	3		0.05	ISR		NIC3 improvement in focus
7689	NIC2 Narrow-band Flats	1	5		0.10	CDBS	1%	Flats for NIC2 narrow-band filters
7956	NIC1 Narrow-band Flats	1	13		0.10	CDBS	1%	Flats for NIC1 narrow-band filters
7957	Lamp Flats II	1	6 + (6)		0.15	CDBS	1%	repeat subset of 7690; + (NIC3)
7958	Polarizers II	1	2		0.10	ISR		repeat subset of 7692
7959	GRISMs calibration II	1	4		0.20	ISR		repeat 7696 (2nd NIC3 campaign)
7960	Persistence test	1	6		0.15			CR- and star- induced persistence
Closure Special Calibration Programs: “Cycle 9” Oriented (T > 62.7 K)								
7961	Flats: Warming up	5	5		0.10			Grot and sensitivity
7962	Focus: Warming up	3	3		0.10			Camera motions
7963	Darks: Warming up	continuous		20	0.10			Darks as dewar temp. rises
TOTAL TIME (including all executions)			276 + (6)	640 - (128)	6.45 - (0.50)			