

## WFSC Commissioning

Program, Obs only 1 expspec	Comment
681 1	all images full frame
908 6	sr WAVEFRONT SENSING SENSING_CONTROL added by default
908 6	sr DMS PRIORITY ELEVATED added by default
908 6	sr NO PARALLEL added by default
908 6	sr PCS MODE COARSE added by default
908 7, 12	warning if COARSE is overridden unless SEGMENT GUIDE STAR sr is used
681 1	mosaicing not allowed - no Mosaic Tab
681 1	Field: WFSC Commissioning template exists
681 1	Field: Module A, B, ALL
681 1	Field: Short Wavelength Filter F200W, F212N
681 1	Field: Option for Long Wavelength Filter checkbox
681 1	Filter: Long Wavelength Filter choose from list if checked
681 1	Field: Readout Pattern FAST, SLOW
681 1	Field: Number of Groups/Integration number
681 1	Field: Number of Integrations/Exposure number
681 1	Field: Reacquisition REACQ, NOREACQ
681 1	Field: Expected Number of WFSC Groups number
Module	
681 1	A
681 3	B
681 2	ALL
Filters	
Short Filter	
681 1	F200W
681 2	F212N
Option for Long Wavelength Channel	
681 4	select checkbox
681 1	if not selected long wavelength pupil wheel will by default be placed in the FLAT position
Long Filter	
681 4	F322W2
681 5	F460M
681 7	F480M
681 6	F323N+F322W2
681 1	DB nircam_exposure_specification.pupil_long default FLAT
681 4-7	in DB if long filter chosen stored in nircam_exposure_specification.filter_long and pupil_long will be null
Readout Pattern	
681 1	RAPID
681 5	BRIGHT1
Number of Groups/Integration	
681 1	number
908 7,11,8,12	A or B min/max 1, 10

908 9,13,10,14	A or B illegal min,max 0, 11
908 15,16	ALL min/max 1, 4
908 17,18	ALL illegal min/max 0, 5
Number of Integrations/Exposure	
681 1	number
908 7,11,8,12	A or B min/max 1, 10
908 9,13,10,14	A or B illegal min,max 0, 11
908 16	ALL must be 1
Reacquisition	
681 1	REACQ
681 3	NOREACQ
681 1	visit.type should be PRIME_WFSC_SENSING_CONTROL
Expected Number of WFC Groups	
681 1, 908 7	min/max 1, 200
908 6	default 1
908 8, 11	illegal min/max 0, 201
Are estimated duration calculations still correct? Asked Ernie to check in spare time.	