

WFSC Global Alignment

Program, Obs only 1 expspec	Comment
908 19	sr WAVEFRONT SENSING SENSING_CONTROL added by default
908 19	sr DMS PRIORITY ELEVATED added by default
908 19	sr NO PARALLEL added by default
908 19	sr PCS MODE COARSE added by default
908 20, 21	warning if COARSE is overridden unless SEGMENT GUIDE STAR sr is used
908 19	sr VISIT SPLITTING DISTANCE 255.0 Arcsec added by default
682 1	mosaicing not allowed - no Mosaic Tab
682 1	Field: WFSC Global Alignment template exists
Template Specific Information	
682 1	Field: Global Alignment Iteration Type choose from list
NIRCam Parameters	
682 1	Field: Module A, B, ALL
682 1	Field: Short Wavelength Filter F200W, F212N
682 1	Field: Option for Long Wavelength Filter checkbox
682 6	Filter: Long Wavelength Filter choose from list if checked
682 1	Field: Readout Pattern FAST, SLOW
682 1	Field: Number of Groups/Integration number
682 1	Field: Number of Integrations/Exposure number
FGS Parameters	
682 1	Field: Number of Groups/Integration number
682 1	Field: Number of Integrations/Exposure number
Global Alignment Iteration Type	
682 1	ADJUST1
682 5	ADJUST2
682 4	BSCORRECT
682 2	CORRECT
682 3	CORRECT+ADJUST
682 4	if BSCORRECT prompted for small angle maneuver
NIRCam Parameters	
Module	
682 1	A
682 2	B
Filters	
Short Filter	
682 1	F200W
682 3	F212N
Option for Long Wavelength Channel	
682 6	select checkbox
682 1-5	if not selected long wavelength pupil wheel will by default be placed in the FLAT position
Long Filter	
682 6	F322W2
682 7	F460M
682 10	F480M

682 8	F323N+F322W2
682 1-5	DB nircam_exposure_specification.pupil_long default FLAT
682 6-10	in DB if long filter chosen stored in nircam_exposure_specification.filter_long and pupil_long will be null
Readout Pattern	
682 1	RAPID
682 7	BRIGHT1
Number of Groups/Integration	
682 1	number
908 20, 21	min/max 1, 65535
908 22, 23	illegal min,max 0, 65536
Number of Integrations/Exposure	
682 1	number
908 20, 21	min/max 1, 65535
908 22, 23	illegal min,max 0, 65536
FGS Parameters	
Number of Groups/Integration	
682 1	number
908 20, 21	min/max 1, 65535
908 22, 23	illegal min,max 0, 65536
Number of Integrations/Exposure	
682 1	number
908 20, 21	min/max 1, 65535
908 22, 23	illegal min,max 0, 65536
682 1	visit.type=PRIME_WFSC_SENSING_CONTROL