

NIRCam Grism Time Series

Program, Obs only 1 expspec	Comment
Template Specific Information	
622 1	NIRCam Grism Time Series template exists
622 1	Field: Acquisition Target choose from list
622 1	Field: Acquisition Subarray SUB32TATSGRISM
622 1	Field: Acquisition Filter F335M
622 1	Field: Acquisition Readout Pattern choose from list
622 1	Field: Acquisition Number of Groups/Integrations choose from list
622 1	Field: Acquisition Number of Integrations/Exposure 1 only allowed value
622 1	Field: Module A (not selectable in gui)
622 1	Field: Subarray choose from list
622 1	Field: Number of Detector Output Channels 1 or 4
622 1	Field: Number of Exposures/Dither number
622 1	Field: Pupil+Filter choose from list
622 1	Field: Readout Pattern choose from list
622 1	Field: Number of Groups/Integration number
622 1	Field: Number of Integrations/Exposure number
Template Considerations	
	cannot be used in parallel
	cannot have parallels attached
910 109	NO PARALLEL special requirement added
910 109	TIME SERIES OBSERVATION special requirement added
622 1	cannot be used with a mosaic - no tab for mosaic
Acquisition Target	
622 2	if offset star select ACQUISITION TARGET NAME from list targets previously entered
general req	if Solar System Target acq target can't be other SS target
622 1	ACQUISITION TARGET should default to "Same Target as Observation"
Acquisition Subarray	
622 1	SUZB32TATSGRISM
Acquisition Target Filter	
622 1	F335M
Acquisition Readout Pattern	
622 1	RAPID
622 2	BRIGHT1
622 3	BRIGHT2
622 4	SHALLOW2
622 5	SHALLOW4
622 6	MEDIUM2
622 7	MEDIUM8
622 8	DEEP2
622 9	DEEP8
Acquisition Number of Groups/Integration	

622 1	3
622 2	5
622 3	9
622 4	17
622 5	33
622 6	65
Acquisition Number of Integrations/Exposure	
622 1	1 only allowed value
Science Exposures	
Module	
622 1	A
Subarray	
622 1	FULL
622 2	SUBGRISM256
622 3	SUBGRISM128
622 4	SUBGRISM64
Number of Detector Output Channels	
622 1 (910 109)	1 (default)
622 3	
622 1	gui label to right with frame readout time
Number of Exposures/Dither	
622 3	number
Filter/Pupil pairs	
Short Wavelength	
622 1	CLEAR+WLP4
622 2	WLP8+F182M
622 3	WLP8+F210M
622 4	WLP8+F187N
622 5	WLP8+F212N
Long Wavelength	
622 4	GRISMR+F277W
622 3	GRISMR+F322W2
622 2	GRISMR+F356W
622 1	GRISMR+F444W
Readout Pattern	
622 1	RAPID
622 2	BRIGHT1
622 3	BRIGHT2
622 4	SHALLOW2
622 5	SHALLOW4
622 6	MEDIUM2
622 7	MEDIUM8
622 8	DEEP2
622 9	DEEP8
Number of Groups/Integration	
Maximum Number of Groups	
910 104	Number of Groups: 1
622 1	2
910 103	Number of Groups: 30

910 106	Illegal value 0
910 105	31
Number of Integrations/Exposure	
622 4	Number of Integrations: 1
622 2	4
910 103	Number of Integrations: 65535
910 108	Illegal value 0
910 107	65536
warning if visit duration > 100 hours	