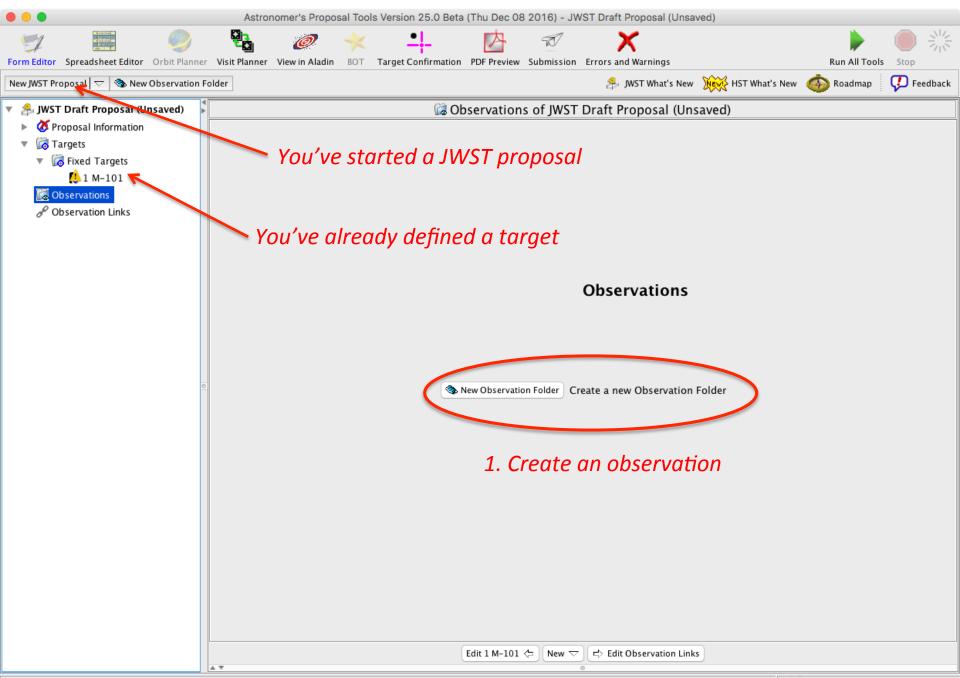


NIRCam Mosaics and Parallels Tutorial

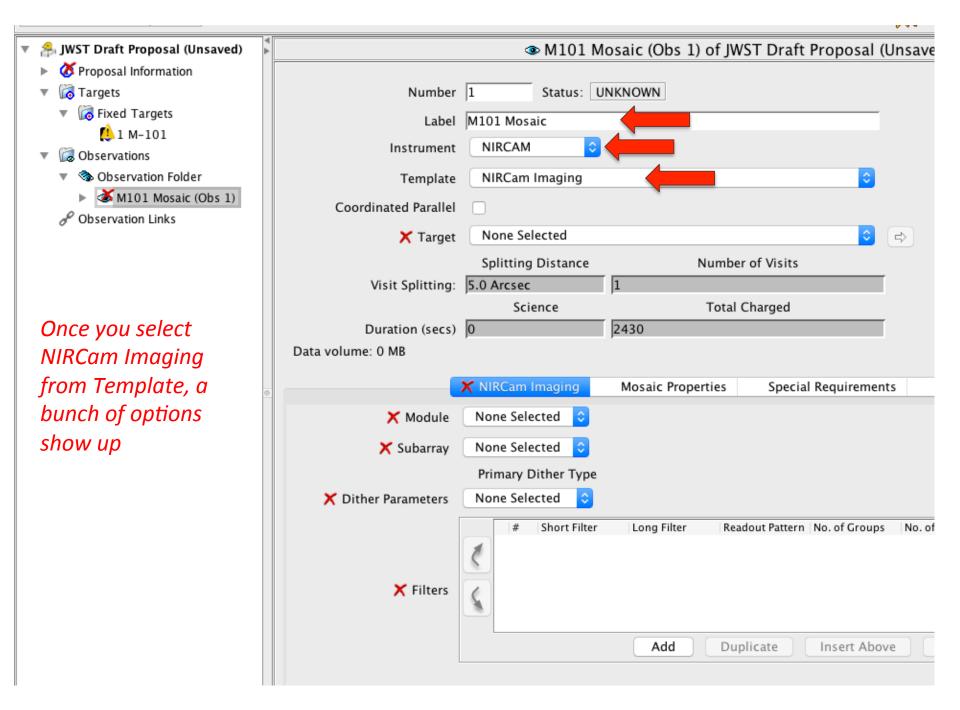
Martha Boyer (STScl)

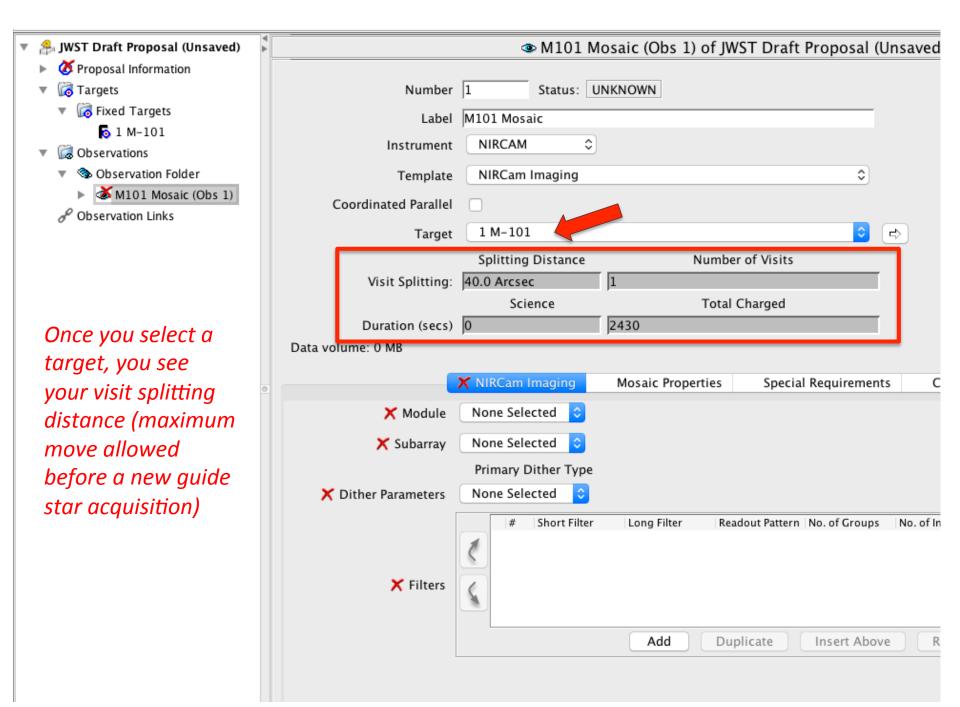


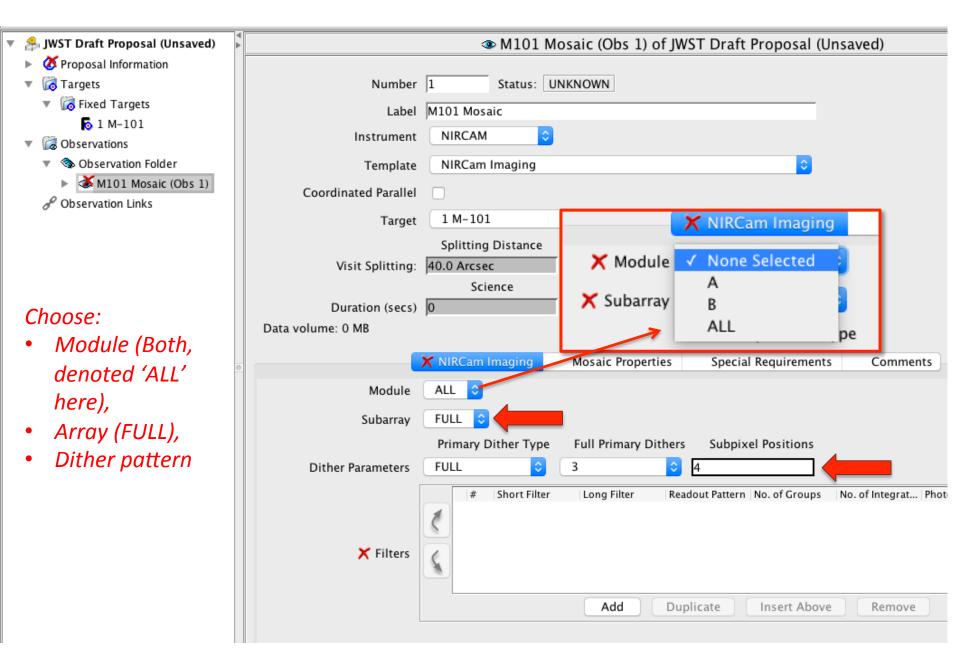


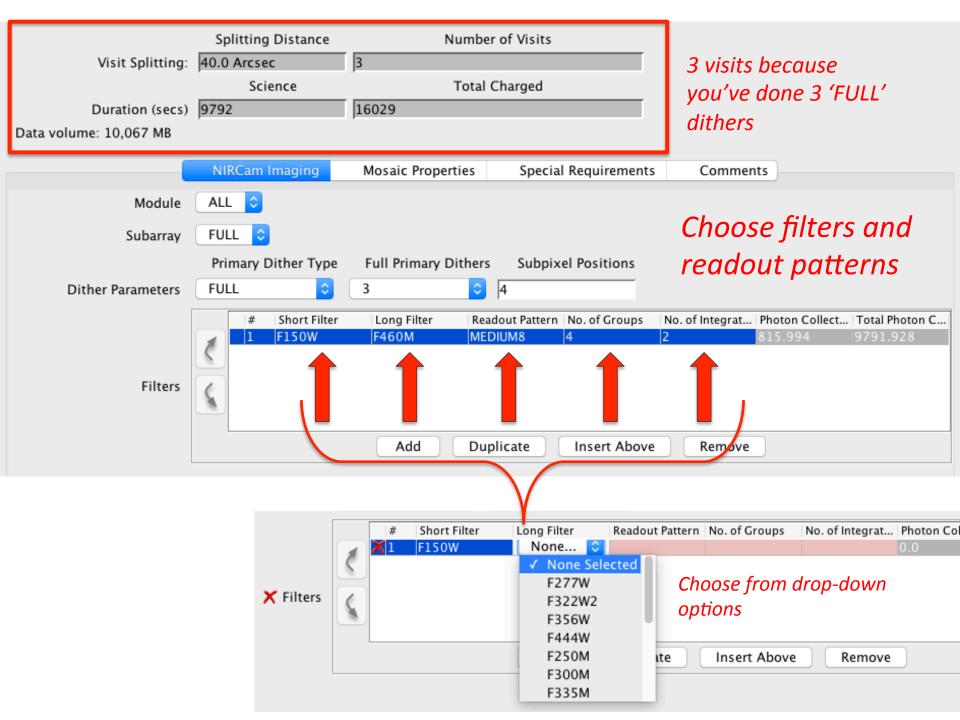
Blank Observation Window

		Astron	nomer's Propos	al Too	ls Version 25.0 Beta	a (Thu Dec 08	3 2016) - JW	/ST Draft Proposal (Unsaved)	
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P Observation Links			Templ	ate	None Selected				0	
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	•									
				Or	nce a Template	has been s	elected, t	emplate proper	rties may b	e selected.









In the Mosaic Properties tab, specify number of rows and columns, shifts and overlaps

-3

-2

0

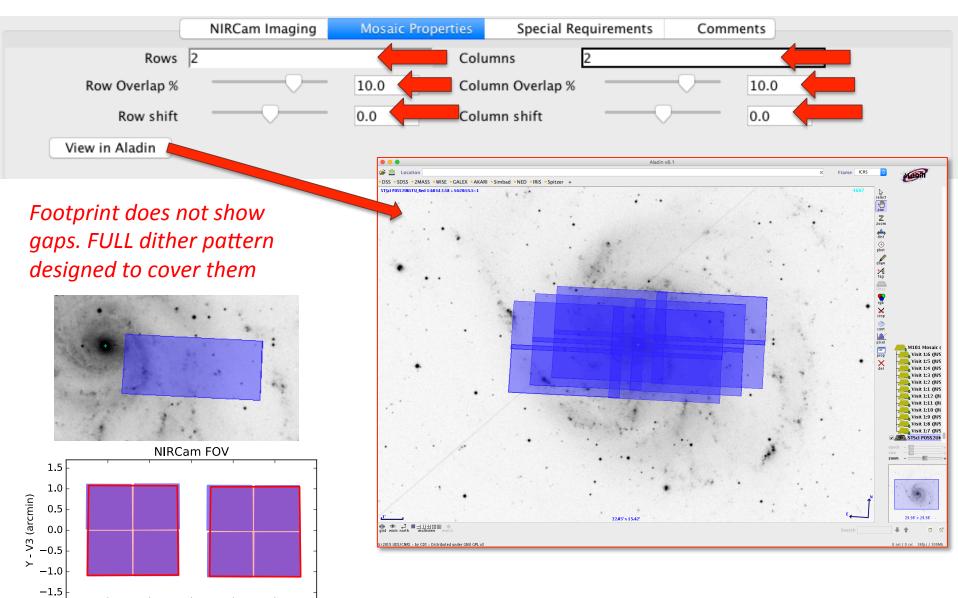
X - V2 (arcmin)

-1

1

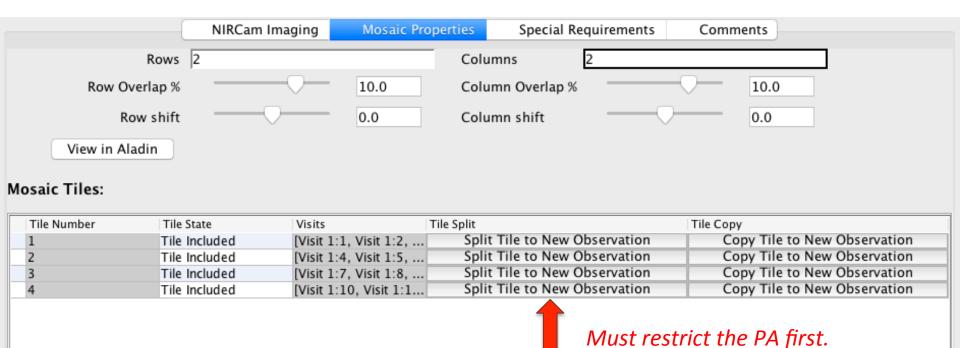
2

3



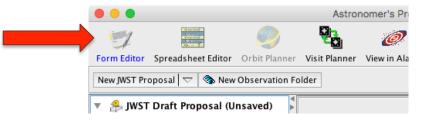
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 Ø Proposal Information Information 	Instrument	NIRCAM	3						
Fixed Targets	Template	NIRCam Imaging			\$				
5 1 M-101	Coordinated Parallel								
 Governations Observation Folder 	Target	1 M-101			•	₽			
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& Observation Links	Visit Splitting:	40.0 Arcsec	12			T			
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	Duration (secs)	39168	58747						
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e	Implicit Requirements								
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	L	Edit C	bservation Fol	der < Off No On Tar Ma	set Parallel Hold get Of Opportunity ximum Visit Duration kground Noise	PA Offset Link Same PA Link		Click for Details)	

Mosaic Groups: Create by clicking the 'Split Tile' button below



Insert New Observation into Mosaic

You may get an error message the first time you do this. It will still work – just click back into 'Form Editor' at the top left.



 M101 Mosaic Mosaic Group M101 Mosaic (Obs 1) M101 Mosaic Split off Tile: Observation Folder Observation Links 	Splitting Distance Number of Visits Visit Splitting: 40.0 Arcsec 9 Science Total Charged Duration (secs) 29376 44532 Data volume: 30, 199 MB NIRCam Imaging Mosaic Properties Special Requirements Comments Rows 2 Columns 2 0.0 Column Sveration 10.0 Row Shift 0.0 Column shift 0.0 0.0 0.0 View in Aladin View in Aladin Tile Split Tile to New Observation Copy Tile to New Observation Copy Tile to New Observation 1 Tile Included Visit 1:1, Visit 1:2, Split Tile to New Observation Copy Tile to New Observation 3 Tile Included Visit 1:7, Visit 1:8, Split Tile to New Observation Copy Tile to New Observation 3 Tile Included Visit 1:7, Visit 1:8, Split Tile to New Observation Copy Tile to New Observation	The tile you've split now has it's own entry & can be manipulated separately
	Insert New Observation into Mosaic	
	Edit M101 Mosaic Group 🗇 New 🗢 🖒 Edit Visit 1:1	
	ODSETVATION LINKS Data volume: 10,067 MB NIRCam Imaging Mosaic Properties Special Requirements	Comments
	Rows 1 Columns 1 Row Overlap % 10.0 Column Overlap % Row shift 0.0 Column shift View in Aladin View in Aladin	
	Tile Number Tile State Visits Tile Split I Tile Included [Visit 2:1, Visit 2:2,] Split Tile to New Observation	Tile Copy Copy Tile to New Observation
I've changed t	Insert New Observation into Mosaic he PA restriction on the split tile Edit Visit 1:9 Edit Visit 1:9	

	Astronomer's Proposal Tools Version 25.0 Beta (Thu Dec 08 2016) - JWST Draft Proposal (Unsaved)					
Form Editor Spreadsheet Editor Orbit Planner	Visit Planner View in Aladin BOT Target Confirmation PDF Preview Submission Errors and Warnings Run All Tools Stop					
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🔻 😤 JWST Draft Proposal (Unsaved) 🔰	M101 Mosaic (Obs 1) of JWST Draft Proposal (Unsaved)					
Ø Proposal Information						
🔻 🙀 Targets	Number 1 Status: UNKNOWN					
Fixed Targets	Label M101 Mosaic					
5 1 M-101	Prime Instrument NIRCAM					
10 2 M-101-TILE-1						
M-101-TILE-2	Template NIRCam Imaging					
 Gobservations Observation Folder 	Coordinated Parallel 🧹 NIRCam-MIRI Imaging					
M101 Mosaic (Obs 1)	Target 1 M-101					
& Observation Links	Splitting Distance Number of Visits					
	Visit Splitting: 40.0 Arcsec 4					
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Add a parallel	NIRCam Imaging Duration (secs) 3264 8506					
observation	MIRI Imaging Duration (secs) 0					
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	X NIRCam Imaging X MIRI Imaging Mosaic Properties Special Requirements Comments					
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sumpling	Add Duplicate Insert Above Remove					
	Edit Observation Folder (>) New (>) Edit Visit 1:1					

🗙 15 errors & warnings (Click for Details)

