Test Case DMS-TP-441: CRDS: CRDS shows reference files for context versions [Version : 1]		
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Summary:

This test procedure will verify DMS requirement DMS-547: CRDS shall provide a tool to show the set of active reference files being used for all supported versions of the software, or a specific version of the software.

For CRDS the version of software is interpreted as the CRDS context versions.

Preconditions:

Internet connection is required

Log out of any CRDS website you are currently logged into and close your browser window (if open).

#:	Step actions:	Expected Results:
1	Open an internet browser.	The browser window will open in your active desktop
2	Navigate to https://jwst-crds-b5it.stsci.edu	The browser will load https://jwst-crds-b5it.stsci.edu This JWST Calibration Reference Data System (CRDS) page has four key areas: • Obtain Best Reference Files • Reference File Database Services • Operational References • Context History
3	Under the Context History heading, click on the jwst_0104.pmap link	The browser will navigate to https://jwst-crds-b5it.stsci.edu/context_table/jwst_0104.pmap On this page each JWST instrument will have it's own expandable tab. fgs, miri, nircam, niriss, and nirspec
4	Expand the 'fgs' tab	The fgs tab will expand and show the that jwst_fgs_0017.imap is the current fgs instrument mapping under jwst_0104.pmap. You will also see these expandable tabs for different types of reference files: camera ---- Camera Model collimator ---- Collimator disperser ---- Disperser filteroffset ---- Imager Filter Offset fore ---- Transform through the FORE optics fpa ---- Transform in the Focal Plane Array gain ---- Gain ipc ---- Interpixel Capacitance lastframe ---- Last Frame linearity ---- Detector Linearity Correction Coefficients mask ---- Bad Pixel Mask msa ---- Transform on the Multi Shutter Array ote ---- Transform through the Optical Telescope Element readnoise ---- Read Noise regions ---- Regions reset ---- Reset Correction saturation ---- Saturation specwcs ---- Spectroscopic World Coordinate System superbias ---- Super Bias v2v3 ---- v2-v3 map wavelengthrange ---- Spectral Configurations wcsregions ---- World Coordinate System Regions If the tabs are greyed out, they do not have reference files associated with that reference file type.
5	Expand the 'gain ---- Gain' tab	The gain ---- Gain tab will expand and show that jwst_fgs_gain_0001.rmap is the current fgs gain reference map associated with jwst_fgs_0017.imap and jwst_0104.pmap. There will a table with columns: INSTRUMENT.DETECTOR, INSTRUMENT.FILTER, ACTIVATION DATE, REFERENCE, and diff

		Two Reference files will be listed in this table with reference names: jwst_fgs_gain_0000.fits jwst_fgs_gain_0001.fits
6	Expand the 'mask ---- Bad Pixel Mask' tab	The mask ---- Bad Pixel Mask tab will expand and show that jwst_fgs_mask_0002.rmap is the current fgs mak reference file associated with jwst_fgs_0017.imap and jwst_0104.pmap. Two reference files will be listed in the table with reference names: jwst_fgs_mask_0002.fits jwst_fgs_mask_0003.fits
7	Expand the other reference file tabs (not the greyed out ones) under fgs and verify there are active reference files listed.	Active reference files are listed for each reference file type that has been delivered to CRDS for this build.
8	Expand the tabs for the other JWST instruments and verify there are active reference files listed under the reference file tabs.	Active reference files are listed for each reference file type that has been delivered to CRDS for this build. Note: There may be place holder rows for reference files, these won't have an activation date and may or may not have a reference file name listed. Completion of this step verifies DMS requirement DMS-547. The tool shows all the active reference files for a specific version of the software.

Execution type:	Manual
Estimated exec. duration (min):	
Importance:	Medium
Cautionary Statement:	N/A
Facility:	STScI
Environment:	JWST DMS Build 5.0
Run Date:	N/A
Inputs:	N/A
Outputs:	N/A
Test Case(s):	DMS-TC-3930
Prerequisites:	N/A
Notes:	N/A
Post Condition:	Close browser window.
QA Approval Date:	
Requirements	DMS-547: Displaying Active Reference Files
Keywords:	CRDS Draft Build 5