

Month by month activity and procurement schedule

Month	Detector Activity	Optical Activity	Mechanical Activity	Integration Activity
Nov 2021	- H1 to H2RG electronics preparation - DSP and userspace coding for H2RG	- critical prism design (prep for procurement) - begin f/9 optics - placement of echelle grating for MechE	- mechanical design of prism mount - mechanical design of echelle mount - Design calibration slider and window	
Dec 2021	Cold testing of SWIR array	- Prism goes out for procurement - f/9 optics design finalized, procurement started - procure new window	- continue prior activities - begin fab for prism mount - new window mount - identify slit mfr process	- Design of electronics consolidation - Spares assessment - AVC cryocooler controller, \$6k - Procure new cryocooler controller
Jan 2022	Cold testing of LWIR array	- Procurement complete for f/9 zoom optics	- Assemble calibration unit - begin fab for echelle mount - f/9 optics mounts - Slit development	- Rackmount electronics consolidation design and procurement - Replacement motors and/or controllers - Calibration unit redesign and procurement
Feb 2022	Detector reserve	Optical reserve	- mounts out for fab	Integration reserve
Mar 2022	Prep dewar for internal rework		- deliver mounts and reworked shields for integration - slit development	- Integrate calibration unit and warm test - Cryostat open: Optics integration begins
Apr 2022			Mechanical reserve	- Optics integration and laser alignment continues - initial cold test likely - Rackmount electronics I&T
May 2022				- Closeout remaining dewar items - cold testing - software I&T
Jun 2022				- re-alignment and 2 nd cold test; completed system
Jul 2022				