



STScI | SPACE TELESCOPE
SCIENCE INSTITUTE

EXPANDING THE FRONTIERS OF SPACE ASTRONOMY

Brief Introduction to SI Team Talks

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Roadmap for instrument team talks

- Describe work leading up to proposal deadline and leading up to launch
- Many tasks in common across instrument teams
 - Generic list on next two slides
 - Specific examples called out in individual instrument team presentations
- COVID impacts
 - Rehearsal support is remote, where possible, rather than in person
 - Preparing for remote support of commissioning, where possible
 - Progress on some tasks is slower because of work from home status
 - Prioritizing work, some tasks are delayed (e.g., maintenance of coronagraphy simulation tool)
 - Instrument teams are on track to support commissioning and Cycle 1



Recent activities leading up to GO Cycle 1 proposal deadline

- Support users
 - Answer Help Desk questions
 - Make urgent documentation updates based on Help Desk questions
 - Create Jupyter notebooks that demonstrate JWST data analysis
- Operate observatory and instruments
 - Prepare for commissioning (rehearse, create and analyze simulations)
 - Maintain reference data (calibration reference files, aperture specification)
- Support software development for users
 - Limited updates to proposal tools leading up to proposal deadline
 - Calibration pipeline ([calwebb](#))
 - Data visualization tools ([jdaviz](#))
 - Software for specific instrument modes



Ongoing activities in preparation for launch

- Support users
 - Update documentation based on feedback from Cycle 1 call for proposals
 - Perform science review of Cycle 1 observing programs (updated GTO/ERS, GO)
 - Create Jupyter notebooks that demonstrate JWST data analysis
 - Support data analysis Webinars that will train community
- Operate observatory and instruments
 - Prepare for commissioning (rehearse, create and analyze simulations)
 - Maintain reference data (calibration reference files, aperture specification)
- Support software development for users
 - Program specification tools ([ETC](#), [APT](#))
 - Calibration pipeline ([calwebb](#))
 - Data visualization tools ([jdaviz](#))
 - Software for specific instrument modes