

GENERAL OBSERVERS EXCLUSIVE USE PERIOD POLICY

James Webb Space Telescope

OFE Omni
Secondary Mirror Support Structure
Fringe

Secondary Mirror Assembly
Secondary Mirror
18 Segment Primary Mirror
Aft Optics Subsystem

Stationkeeping SCAT Thrusters
Spacecraft Bus Radiation Shades
-J2 Equipment Panel
Star Trackers
Spacecraft Omni
LV Adapter Ring
Gimballed Antenna Assembly

Sunshield Layer 5
Forward Spreader Bars
Sunshield Layer 1
Forward UPS Assembly
Mid Boom
Mid Spreader Bar
Membrane Tensioning System
Spacecraft Bus

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BACKGROUND

- NASA seeks to maximize the scientific return from all of its science missions
- The more people who have access to NASA data the more science studies will be performed using those data
 - Archival science products are more numerous now than general observer products (e.g., HST, Chandra)
 - Access to data fosters better informed proposals which increases science productivity
- JWST is a life limited mission
 - 5 year prime mission
 - 10 year consumables limit

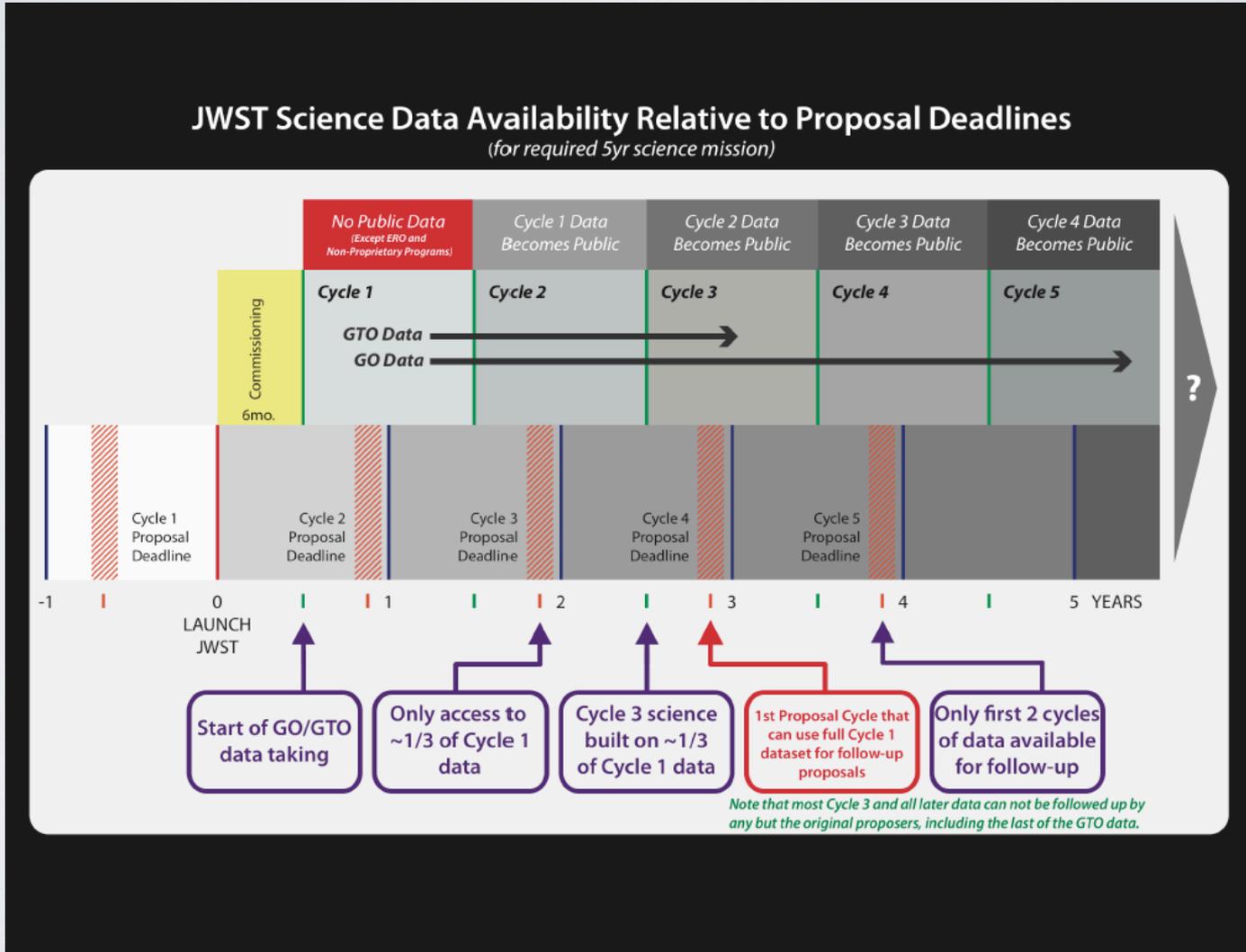
JWST GENERAL OBSERVERS

- Like HST, JWST will select a pool of General Observers (GOs) yearly
- Current science policy states GOs will have a 12 month exclusive use rights to their data (can be waived), and STScI Director can recommend different lengths for this period
- In July of this year, the STScI Director recommended the GO exclusive user period be set at 6 months based upon advice from the JWST Space Telescope Advisory Committee (JSTAC)

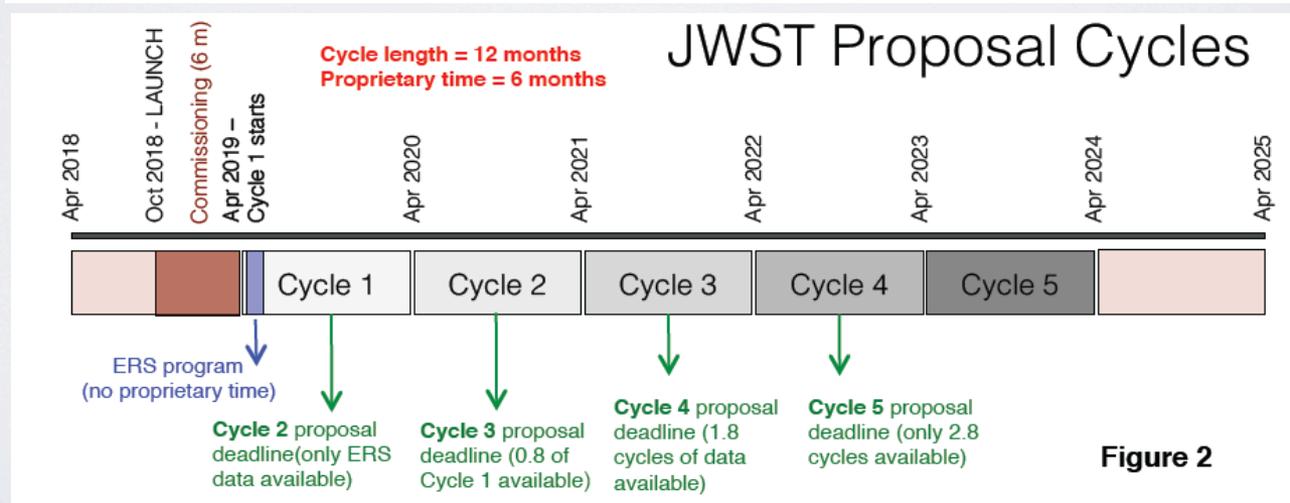
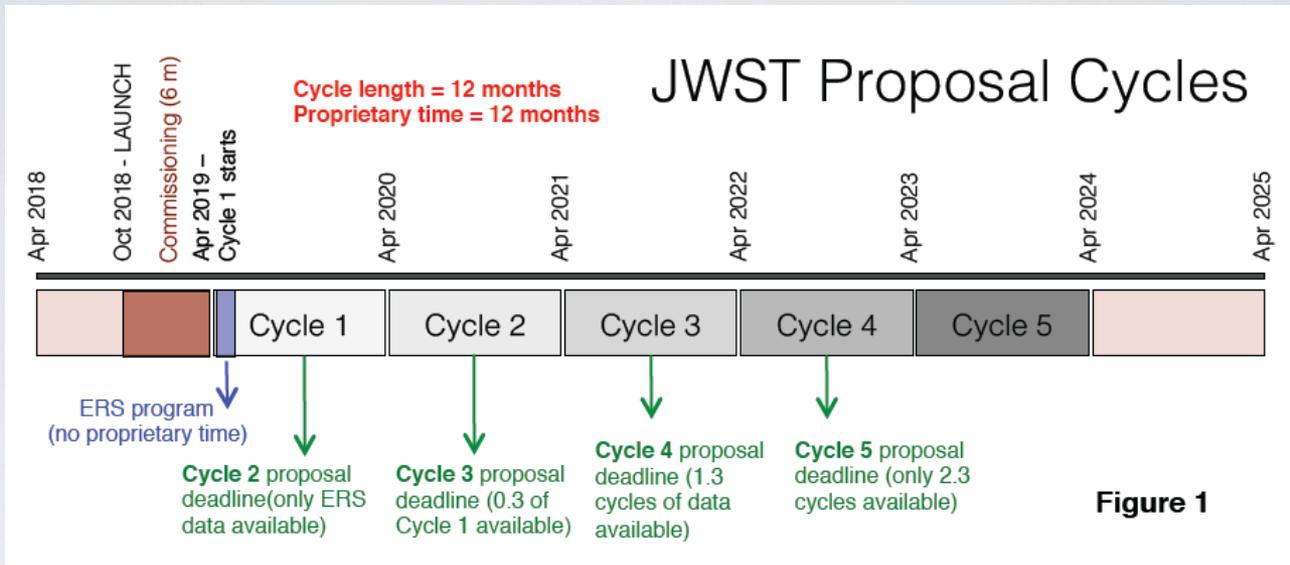
JSTAC

- STScI employs the JSTAC to provide the Director with advice on technical readiness, policies and other matters (see <http://www.stsci.edu/jwst/advisory-committee>)
- This committee performed a study that showed how changing to a 6 months exclusive use period would dramatically affect the amount of public data for Cycles 2 and 3 of the JWST proposal timeline (see letter 1)

12 MONTH EXCLUSIVE USE



TIMELINE COMPARISON



JWST SWG ASSESSMENT

- NASA asked its JWST Science Working Group to provide their assessment of the pros and cons to going from 12 to 6 months
- General recognition of benefit of changing the Exclusive use period.
- See letter 2

NEXT STEPS

- Current 12 month period is mentioned in the NASA-ESA and NASA-CSA Memoranda of Understanding for cooperation on JWST
- NASA, ESA and CSA have discussed this proposal and have agreed to work with their respective communities so they could discuss this change
- NASA would like you to discuss this with your colleagues and present your findings at a future APS meeting, in order to provide NASA additional guidance in making a decision

SUMMARY

- Changing the default exclusive use period for JWST general observers from 12 to 6 months can benefit the science community and NASA by making more data available to proposers earlier in the limited lifetime of JWST
- The STScI Director recommended and the JWST SWG endorses this proposal
- NASA, ESA, and CSA will work with their communities to be sure we have explored pros and cons of this proposed shift.

