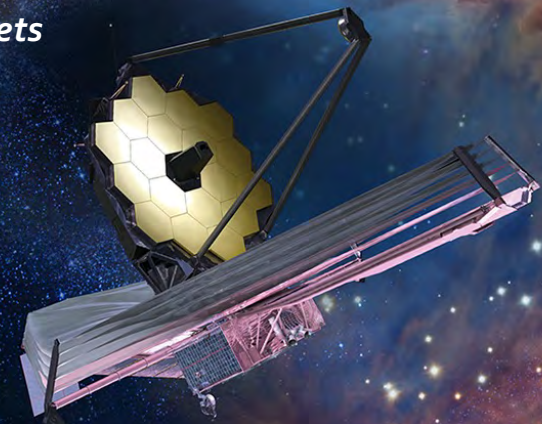


Mission Status Update

A mission to seek the first light of early galaxies and explore distant planets

WEBB **SPACE TELESCOPE**



14-June JSTUC Meeting

Eric P. Smith:
JWST Program Scientist
NASA Headquarters

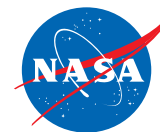


National Aeronautics and Space Administration

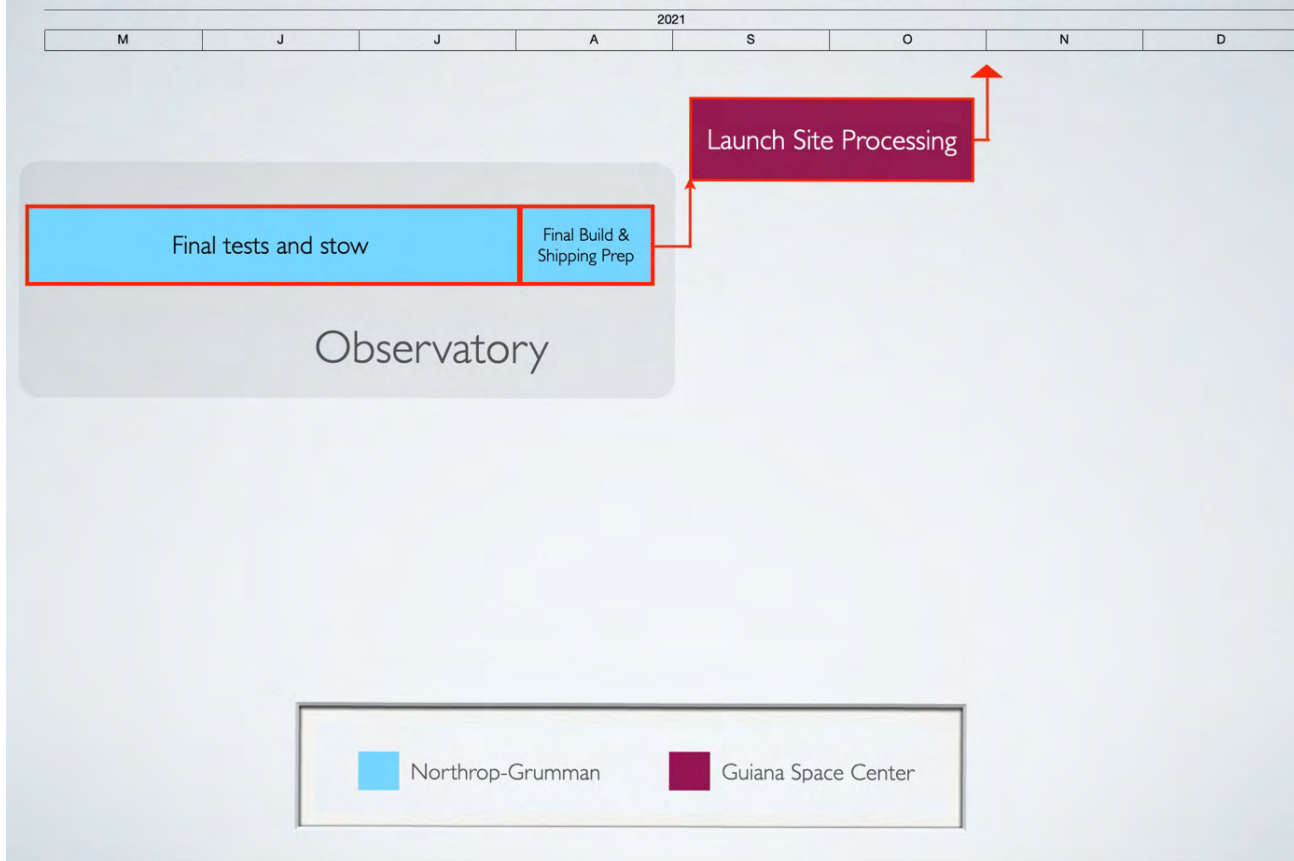


Mission Update

- All post-environmental deployment testing is complete
- Launch rehearsals continue
- Cycle I observing program is defined
- S-band transponders have arrived at Northrop Grumman for reinstallation and regression testing starting this week
- Webb is on track to be ready to ship near the end of August albeit with tight margins
- Ariane announced their next flight (VA254) for late July, and Webb will launch approximately four months later. Webb is third in the launch manifest.
- Webb launch activity planning in full swing for US locations
 - Highly limited attendance at launch site
 - Highly limited attendance at STScI
 - NASA is planning a major event in the DC area
 - Hundreds of events being planned across the US



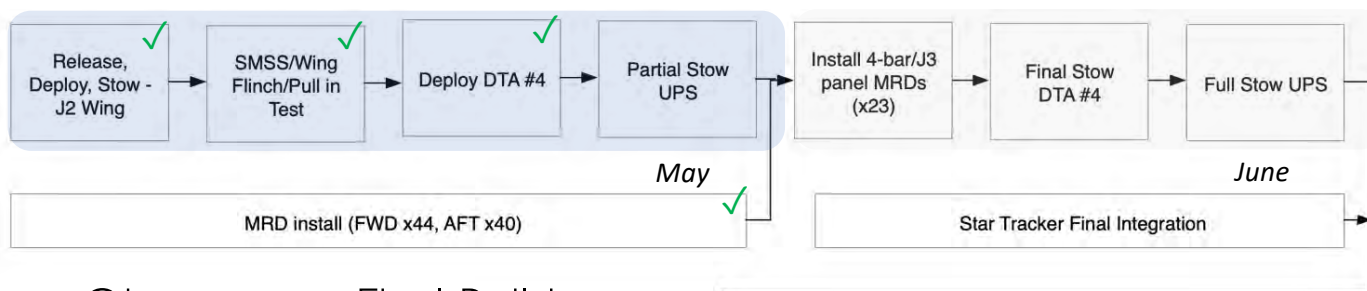
SIMPLIFIED SCHEDULE



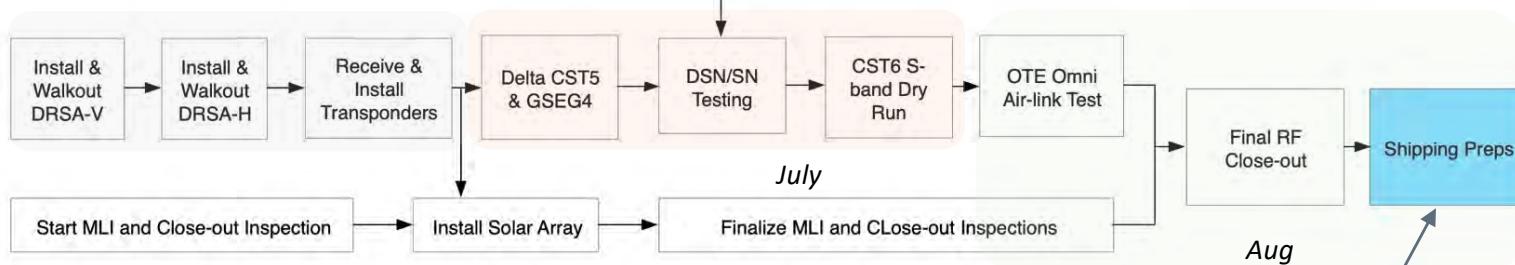


Remaining I&T Steps

Observatory Deployments



Observatory Final Build



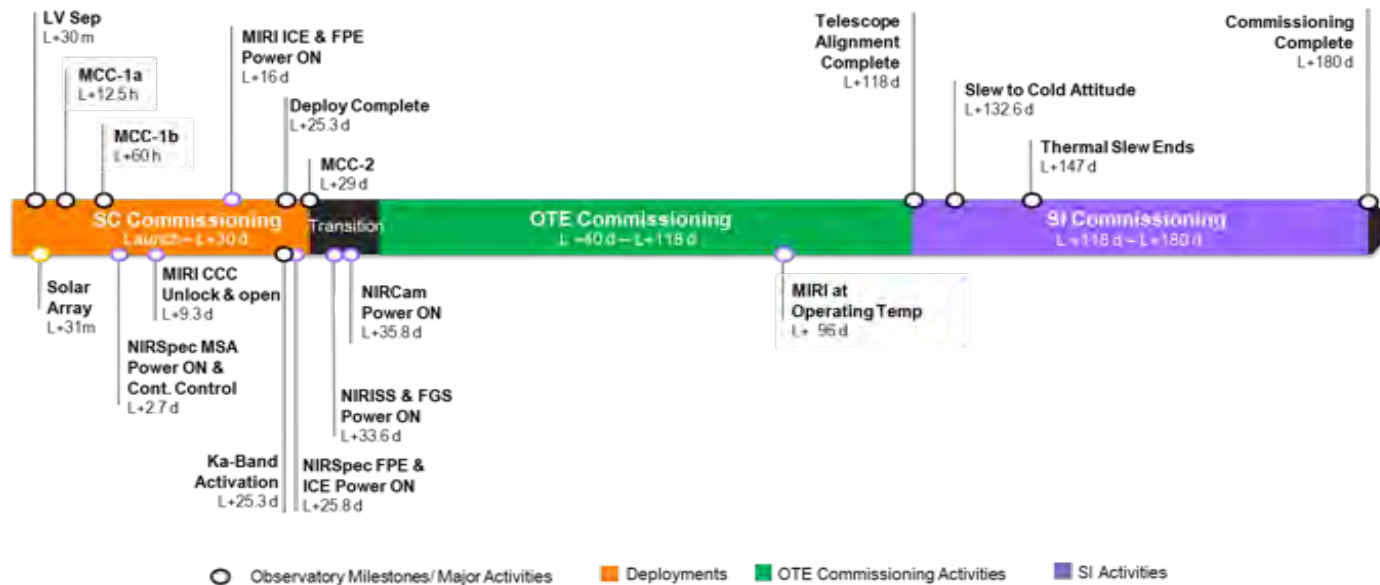
Blue box indicates first time activity

JWST Commissioning At A Glance



Commissioning begins at launch and is ~ 180 days long marked by the following key events:

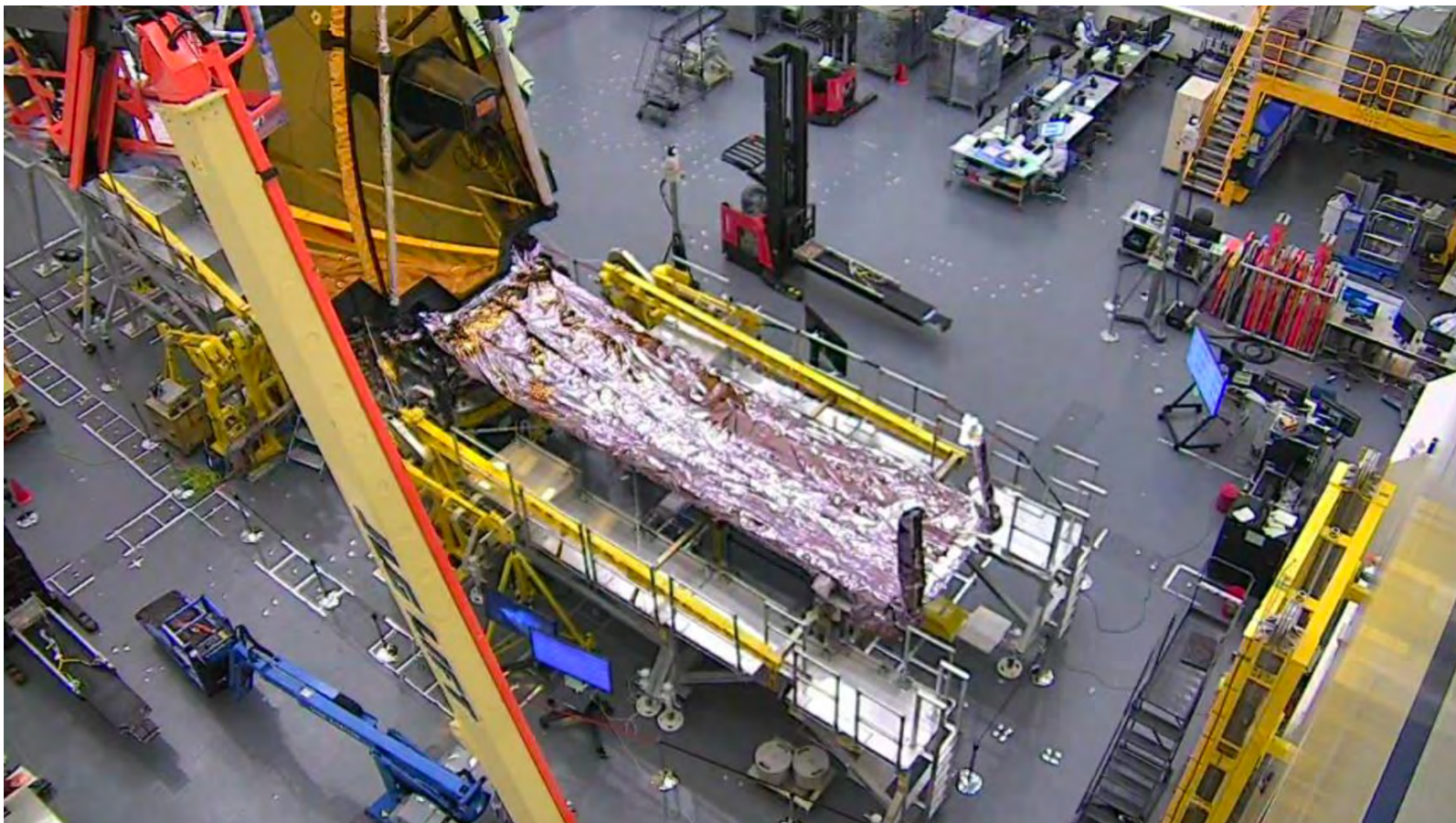
1. Launch and Ascent – power positive, safe attitude, and communications established
2. Mid Course Correction – MCC1 (a and b) corrects launcher dispersions for proper L2 trajectory
3. Deployments
4. Cool-Down/Cryo-Cooler Activation
5. Mirror segment deploy and wave-front control
6. Science Instrument calibrations and checkout



+J2 Wing Deployed



Forward Membrane Cover Complete





Summary

- Prelaunch performance predictions are what the community required for its science
- Cycle I schedule observations are being put into place
- Final hardware preparations are nearing the end