

# JWST Update

JWST Space Telescope User Committee  
4-October-2021

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# Completed Observatory

Webb in launch configuration at  
the Northrop Grumman Space  
Park clean room prior to  
shipping





# Getting Ready to Ship



Shipping container, roll-over fixture and Webb at Northrop Grumman



# Different Perspectives



Aft-Flap walkout



# STScI Webb Status

## Science & Operations Center (S&OC) Status

- All Observatory control, science planning and science data processing operational systems are complete
- S&OC subsystems have been and will continue to be used to support Observatory integration and test
- Ground Segment “soft” system freeze currently in effect
  - “Hard” freeze (exemptions approved by Project Manager) starting October

## Testing and Exercises

- Space Network & DNS RF compatibility completed July 28
- Last commanding between the Mission Operation Center (MOC) and the Spacecraft on the ground prior to launch has occurred
  - Practice, practice, practice of the day of launch communications between and among the MOC, bMOC, DSN, TDRS and ESA’s Malindi ground station
    - Launch Readiness Rehearsals (launch and commissioning) and Normal Operations rehearsals are in full swing

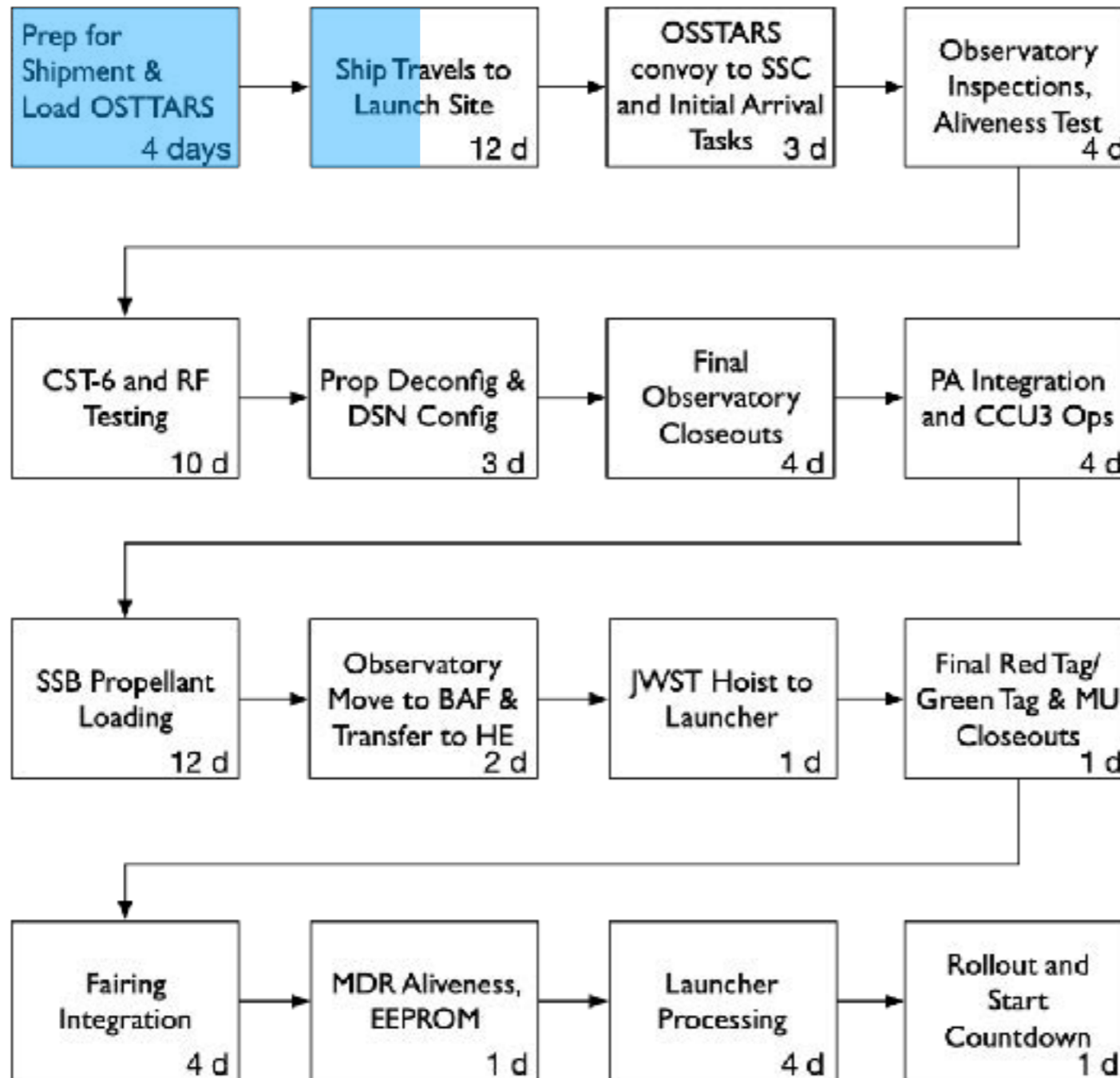


# “The Launch Boat”





# Activities to Launch

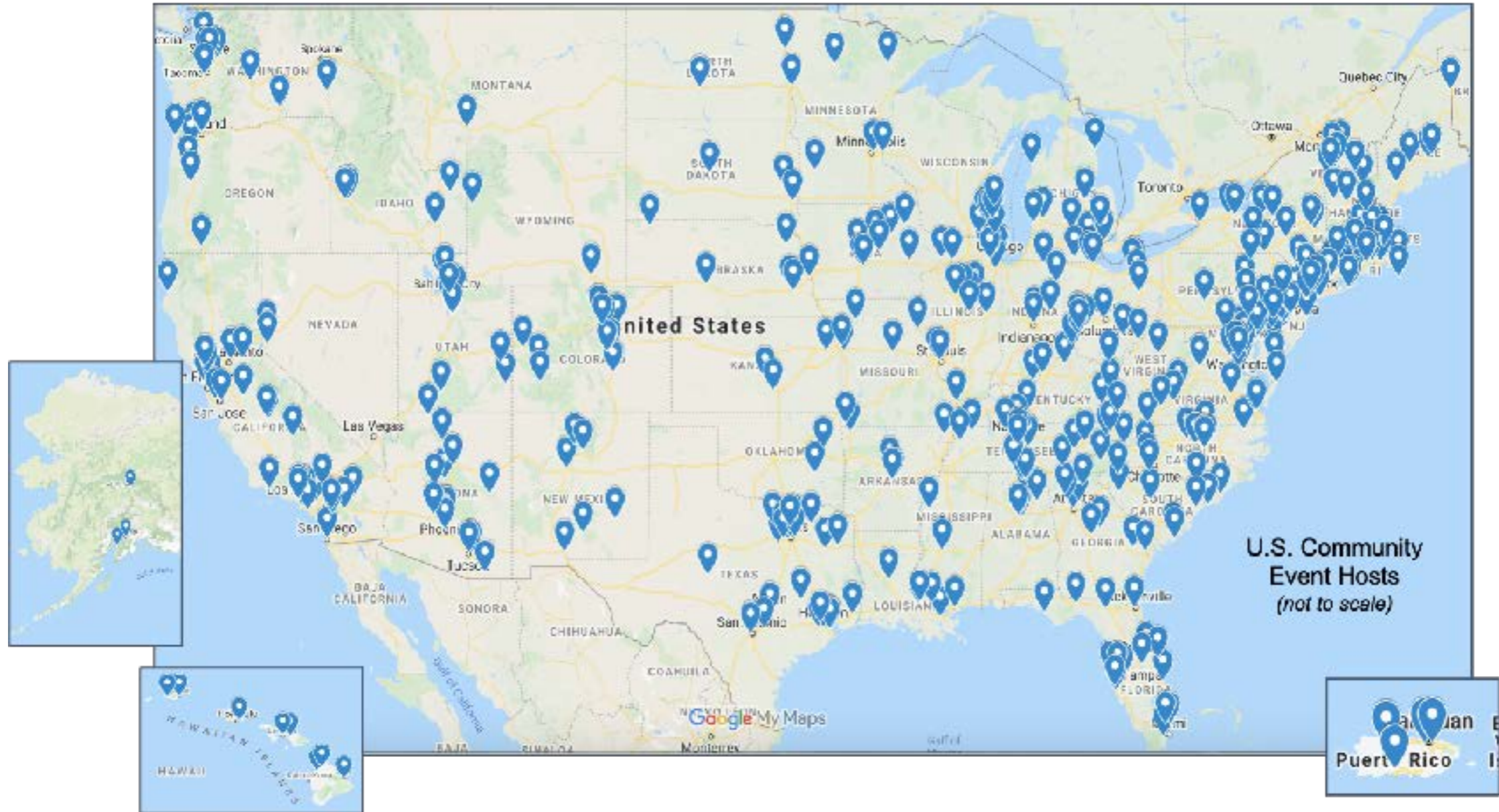


December 18, 2021





# Webb Community Events



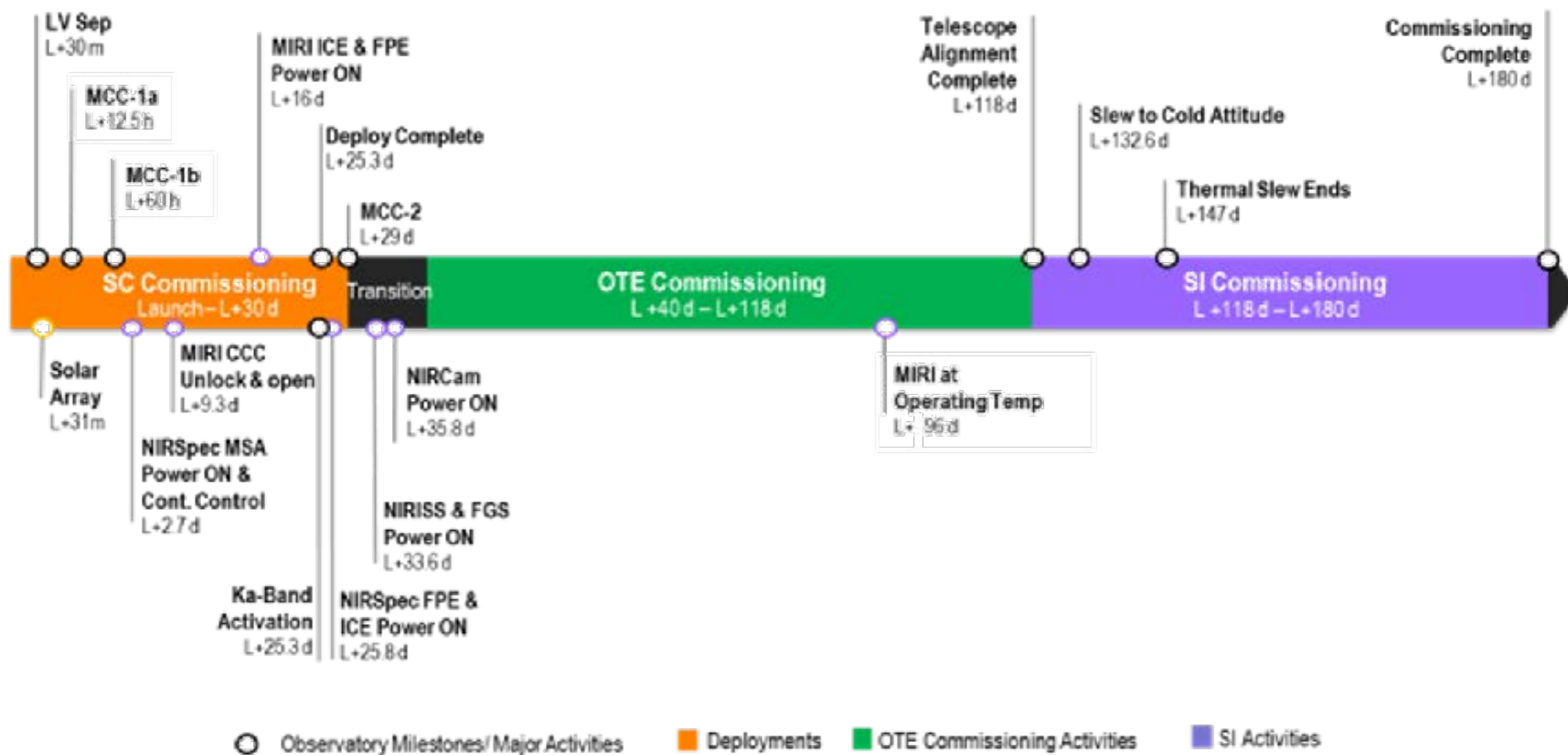
470 host sites in all 50 states

Events run from September to January

Locally run, but NASA provides expert speakers and materials upon request

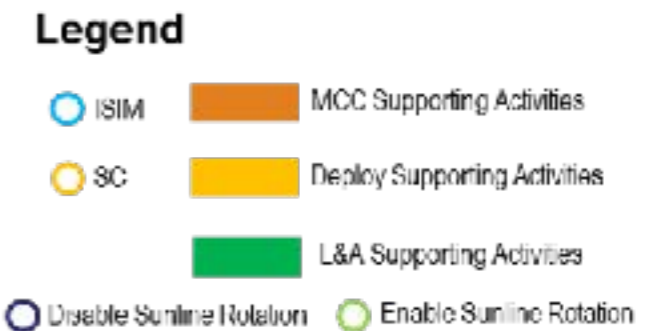
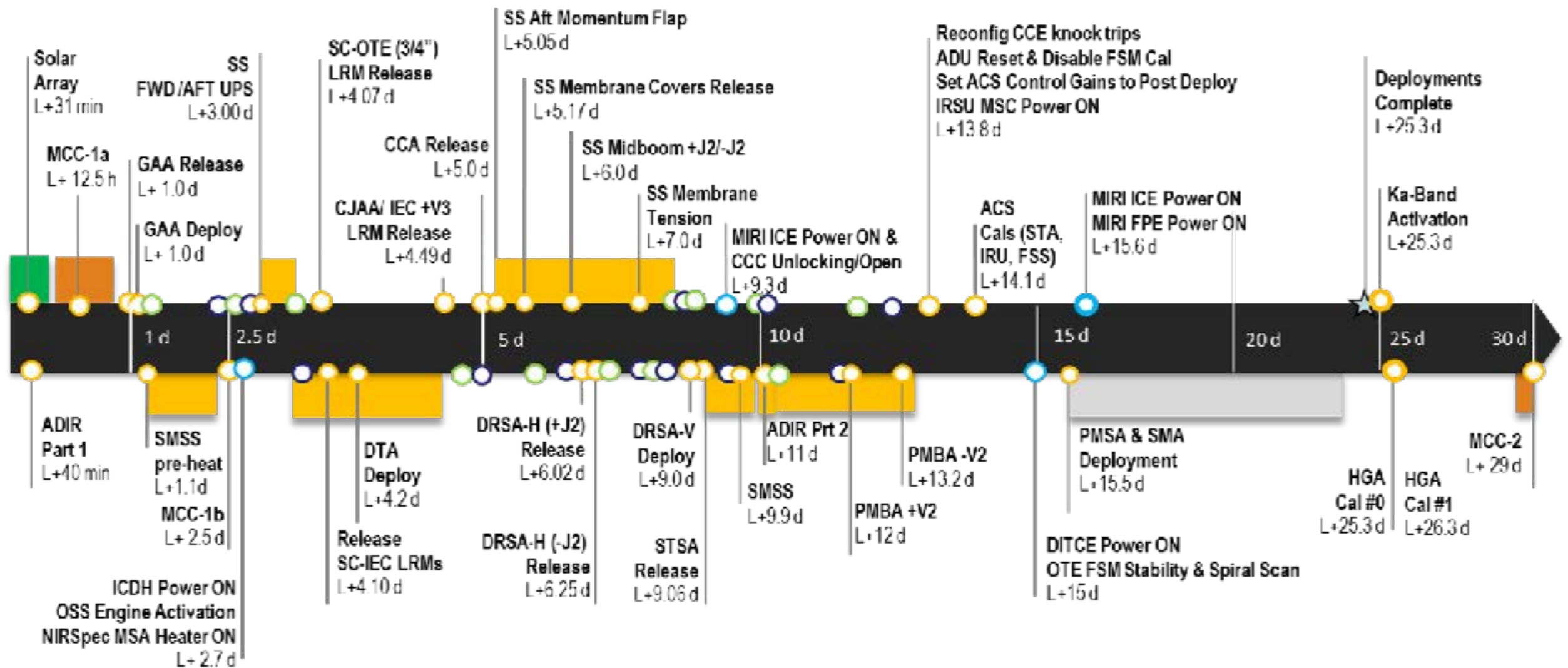


# Commissioning



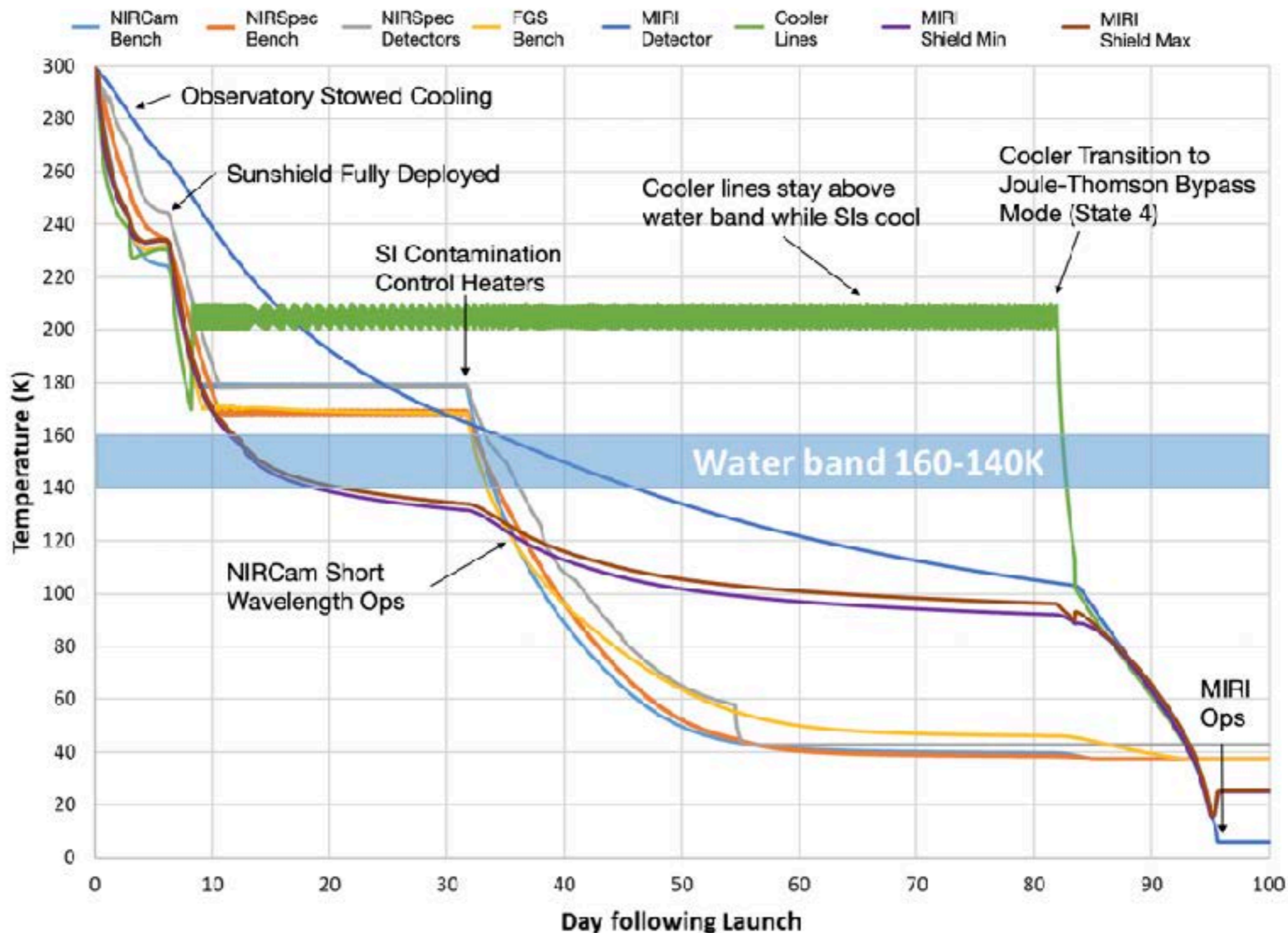


# Spacecraft Comm.



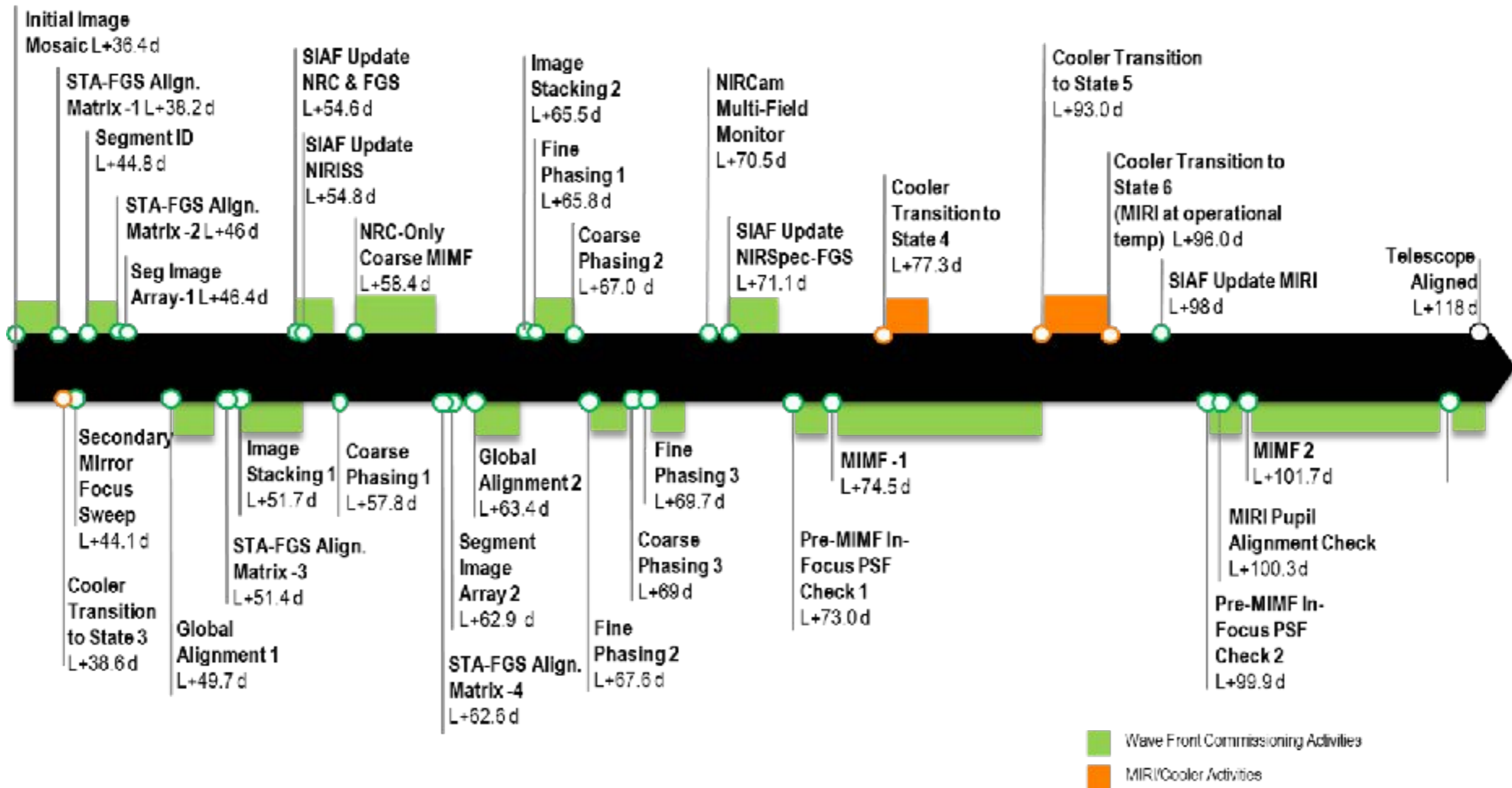


# Cooling Drives Commissioning





# Telescope Comm.





# Final NASA SRB Reviews

- Operational Readiness Review 6-Oct
- Key Decision Point E (KDP-E) 4-Nov
- Agency Program Management Council (APMC) 17-Nov [TBC]