

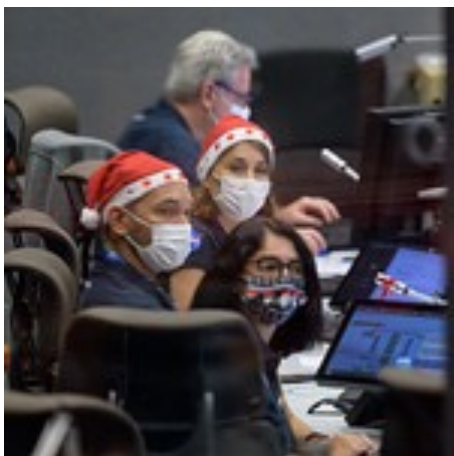
JAMES WEBB SPACE TELESCOPE UPDATE



Eric P. Smith
JWST Program Scientist
26-January-2022 AAAC meeting



Astronomical Christmas Gift 12/25/21



The precision of ESA/Arianespace's launch means Webb life-limiting fuel supply will last significantly more than 10 years, could be roughly 20 years.



Textbook major deployment phase went as planned (14 days)
Finishing on 1/8/2022





All major deployments completed on schedule and performance is nominal

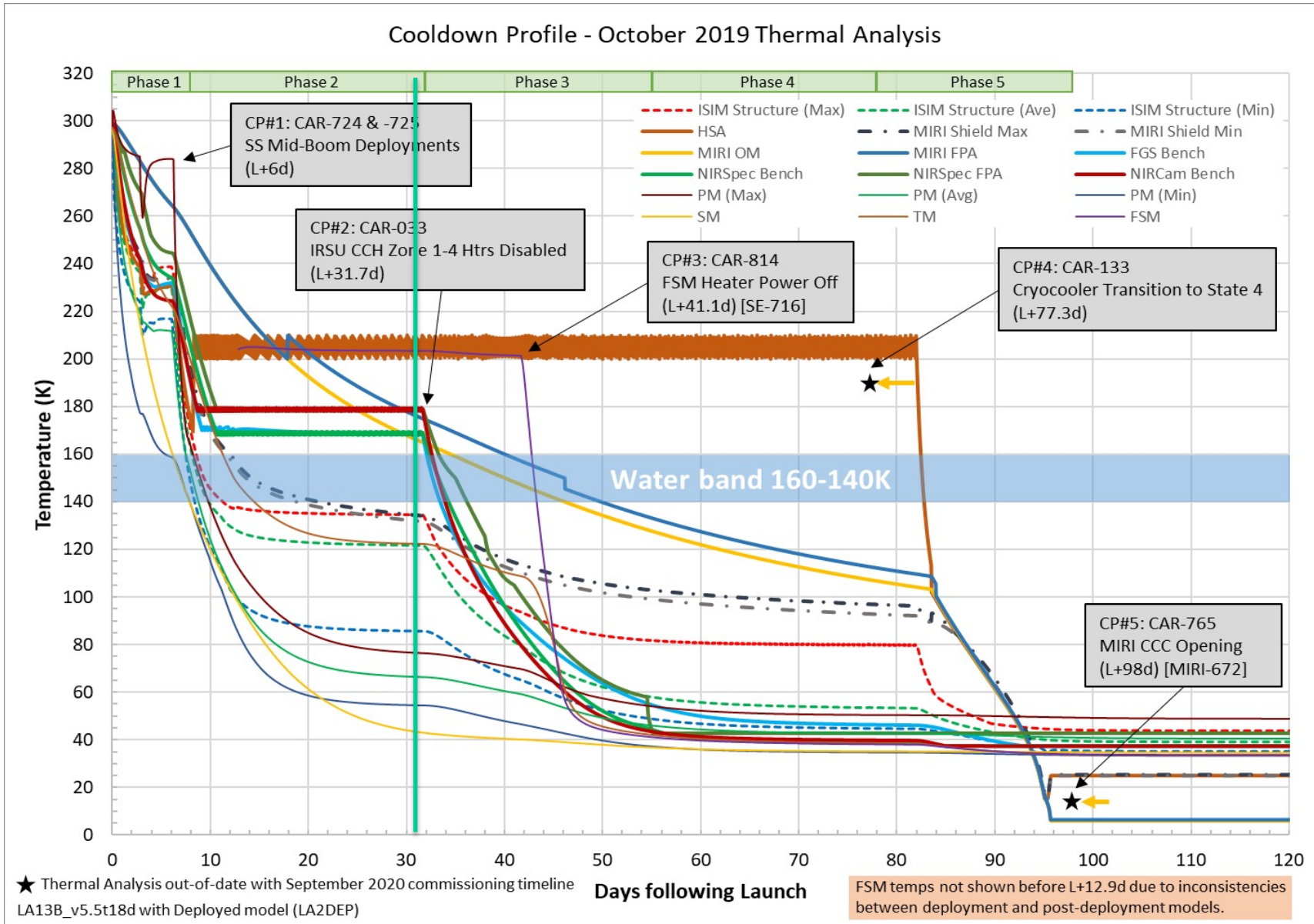


OTE Group	Max Temp. (K)	Limit Violation(s)
Backplane/BSF	85.72	None
PMSAs/SMA	80.67	None
AOS & SMA Struc.	217.62	None

ISIM Group	Max Temp. (K)	Limit Violation(s)
IEC & HR	281.79	None
ADIR	77.41	None
Instruments	164.24	None
ISIM Structures	128.09	None
ISIM Enclosure	119.88	None

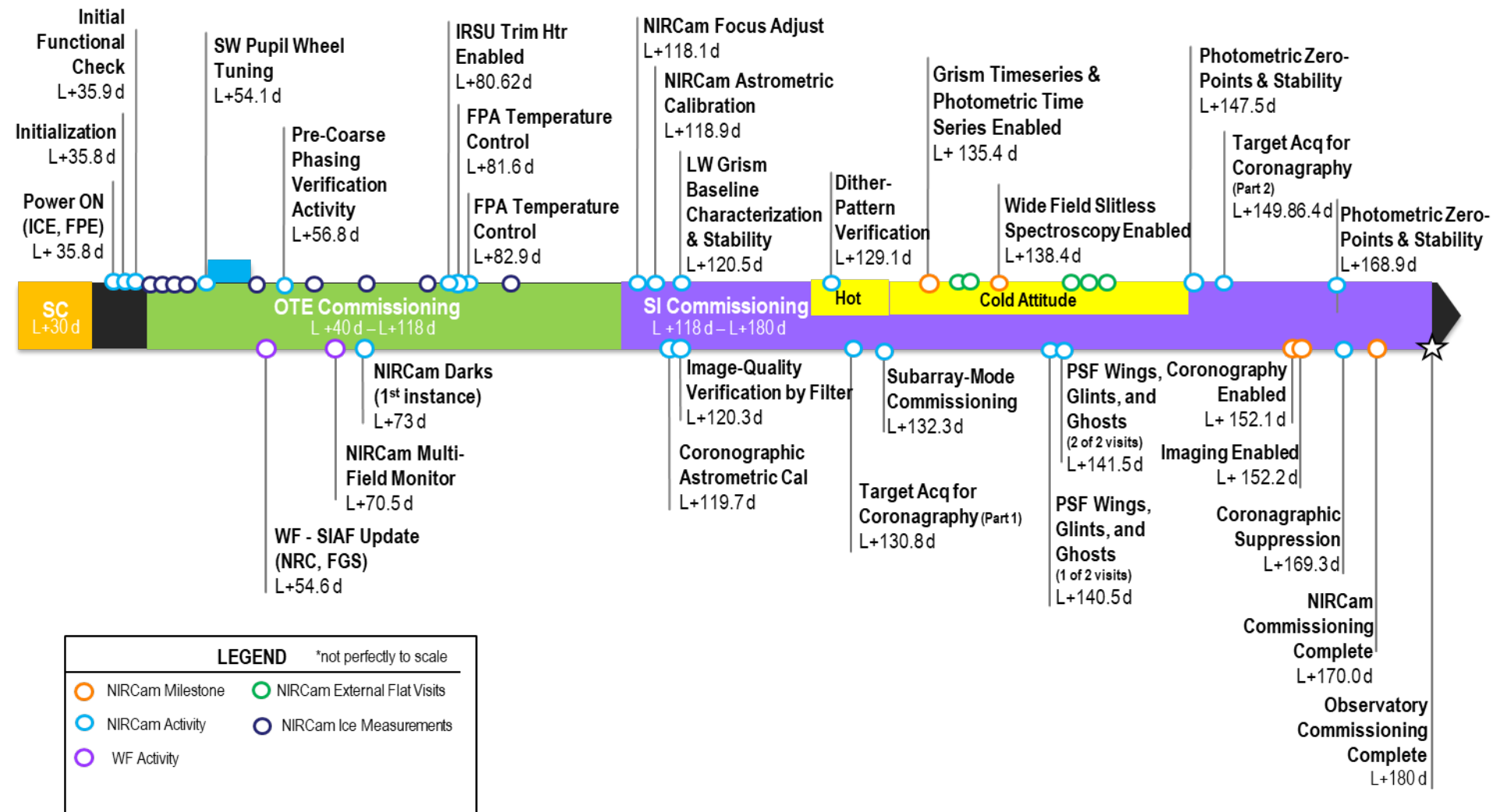


Cooldown Overview





NIRCam Commissioning Overview





Other JWST News

- Ka band communications activated (allows 28 Mbps communications)
- All mirrors moved off launch locks and positioned at last “best focus” from Johnson Space Center testing
- Observatory in it’s L2 halo orbit
- JWST General Observer Funding: ~\$60M/year
- Cycle 2 Call for Proposals coming in 10 months!
- <https://www.youtube.com/user/nasawebbtelescope>
- Twitter: @NASAWebb