VIONYX TECHNOLOGIES

SAMPLE REPORT

OPERATION REPORT · INTEGRATION CLEANROOM

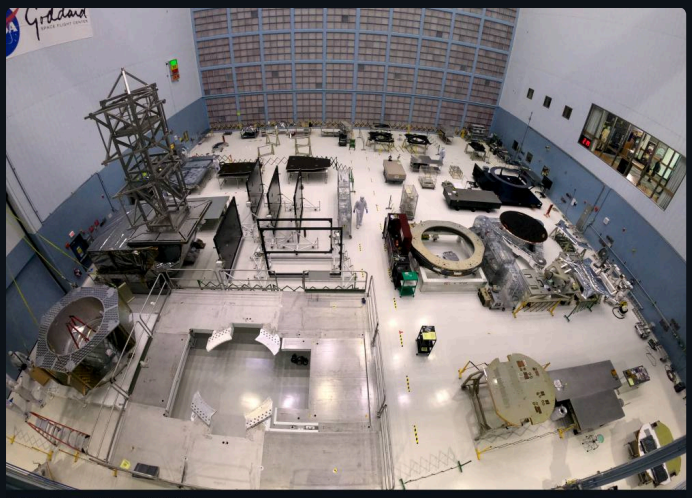
Primary structure: lift, transfer and install

14:14 – 15:36
times read from the hall clock

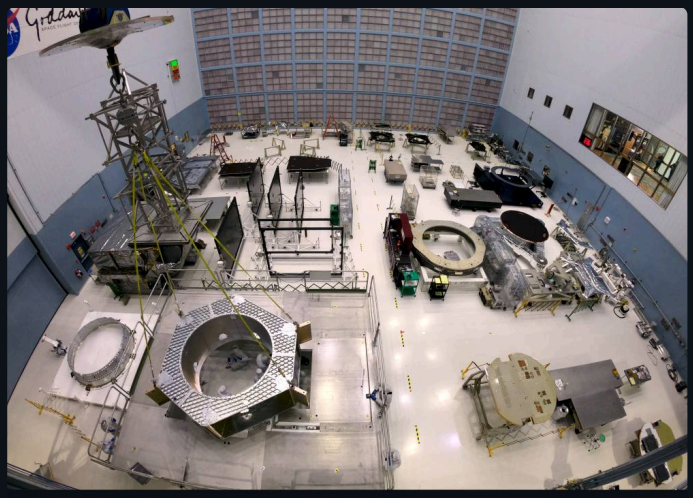
VION 02 · ceiling mount
Autonomous AI vision

6 floor zones
platform, tower, bays, aisle

14:30–15:04
recording gap



BEFORE · 14:14 · VION 02



AFTER · 15:36 · VION 02

OPERATION	LIFT → SEATED	ON HOOK, NO RECORDING	PEAK CREW	STEPS OBSERVED
14:14–15:36	**63 min**	**34 min**	**15**	**6**
49 min recorded	29 min active handling	structure suspended 14:30–15:04	345 person-minutes	from rigging to seating

SUMMARY

The team executed the overhead rigging, transfer, and precision placement of the hexagonal primary structure onto the integration platform. After a gap in recording (14:30–15:04) and a briefing at the workbenches, the structure was translated across the main aisle and aligned into platform mount fixtures. By 15:35, the unit was seated with technicians performing internal and underside securing operations.

Start → end of operation

Start. The hexagonal primary structure sits on an auxiliary transport dolly adjacent to the integration platform, leaving the platform central cutout vacant.

End. The primary structure has been flown by overhead crane and mated into the central receptacle of the integration platform, where technicians are actively securing interface fittings.

Needs attention

- Structure hung on the crane **34 min** with no recording (14:30–15:04); on the hook 63 min in total.
- Peak of **15** suited people on the floor during transfer.

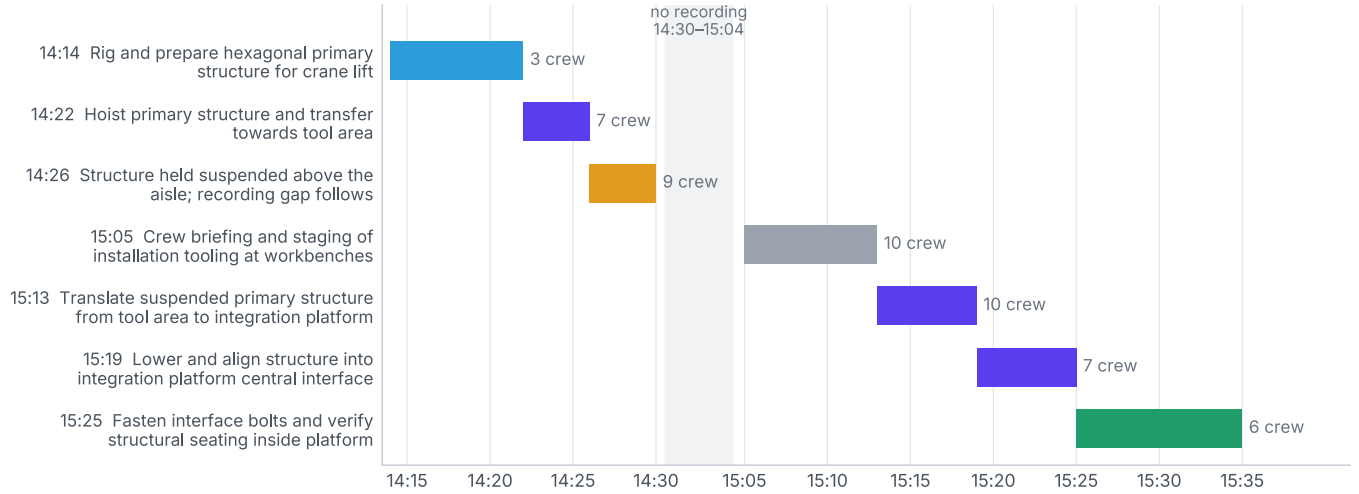
Carried over · state at 15:36

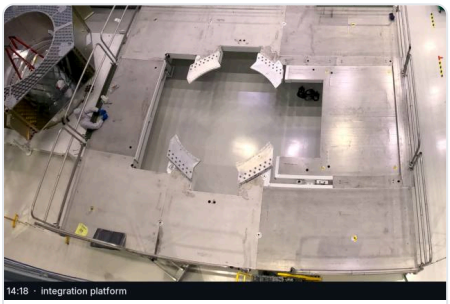
- Structure seated on the integration platform since 15:25; crane hook and yellow slings still attached at 15:36.
- Technicians inside the structure at 15:36, working on the interface.

TIMELINE

Step by step

Grey band: no recording. 02





RIGGING 14:14–14:22 · 3 crew

Rig and prepare hexagonal primary structure for crane lift



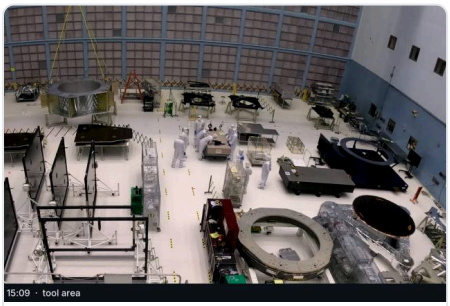
LIFT 14:22–14:26 · 7 crew

Hoist primary structure and transfer towards tool area



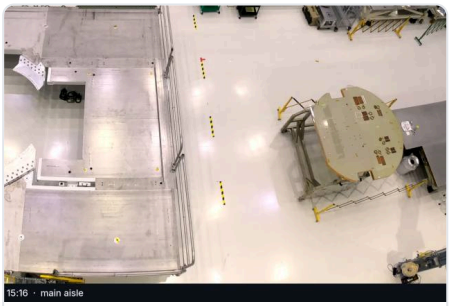
IDLE 14:26–14:30 · 9 crew

Structure held suspended above the aisle; recording gap follows



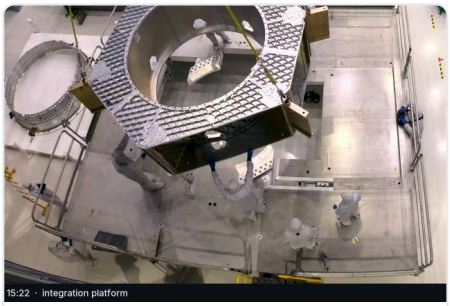
PREP 15:05–15:13 · 10 crew

Crew briefing and staging of installation tooling at workbenches



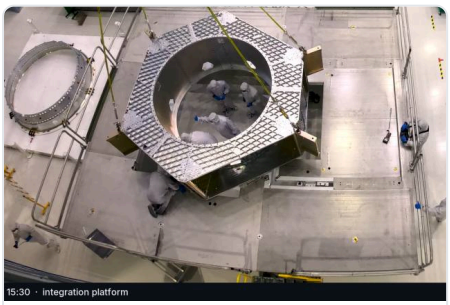
MOVE 15:13–15:19 · 10 crew

Translate suspended primary structure from tool area to integration platform



LOWER 15:19–15:25 · 7 crew

Lower and align structure into integration platform central interface cutout

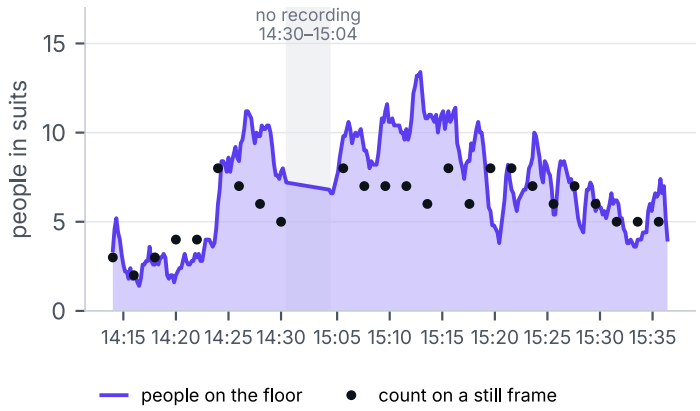


SECURE 15:25–15:35 · 6 crew

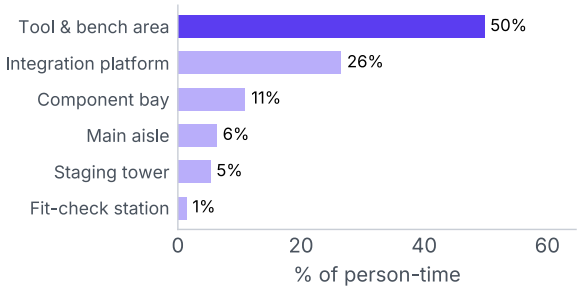
Fasten interface bolts and verify structural seating inside platform cutout

Who worked where

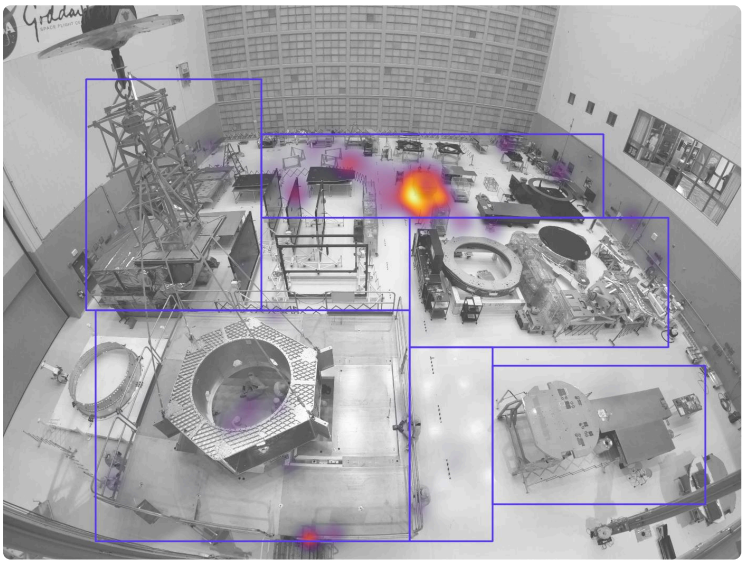
People on the floor



Share of person-time by zone



Presence map



Observations

- Structure on the crane 34 min during the recording gap 14:30–15:04.
- Peak of 15 people on the floor during transfer.
- Up to 8 people gathered at the tool-area workbenches during the briefing, 15:05–15:13.

Message to the shift lead

VION · Cleanroom
operations bot

Structure on the platform · 15:36
Primary structure seated on the integration platform.
Lift → seated 63 min (34 min on hook during the recording gap)
Peak crew 15
At 15:36: hook and slings still attached
Full PDF · 3 pages

15:36 ✓✓