NASA Wallops Flight Facility

Bureau of Ocean Energy Management
Central Atlantic Intergovernmental
Renewable Energy Task Force
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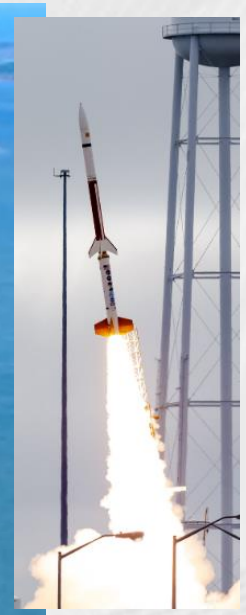
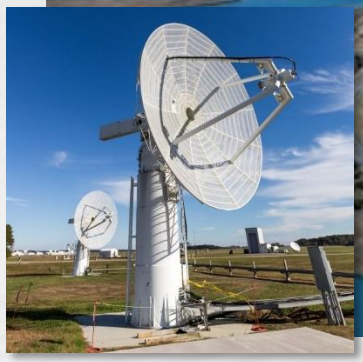
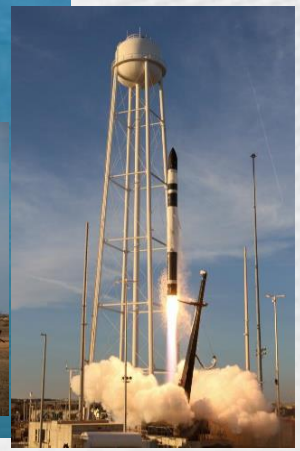
NASA Wallops Overview

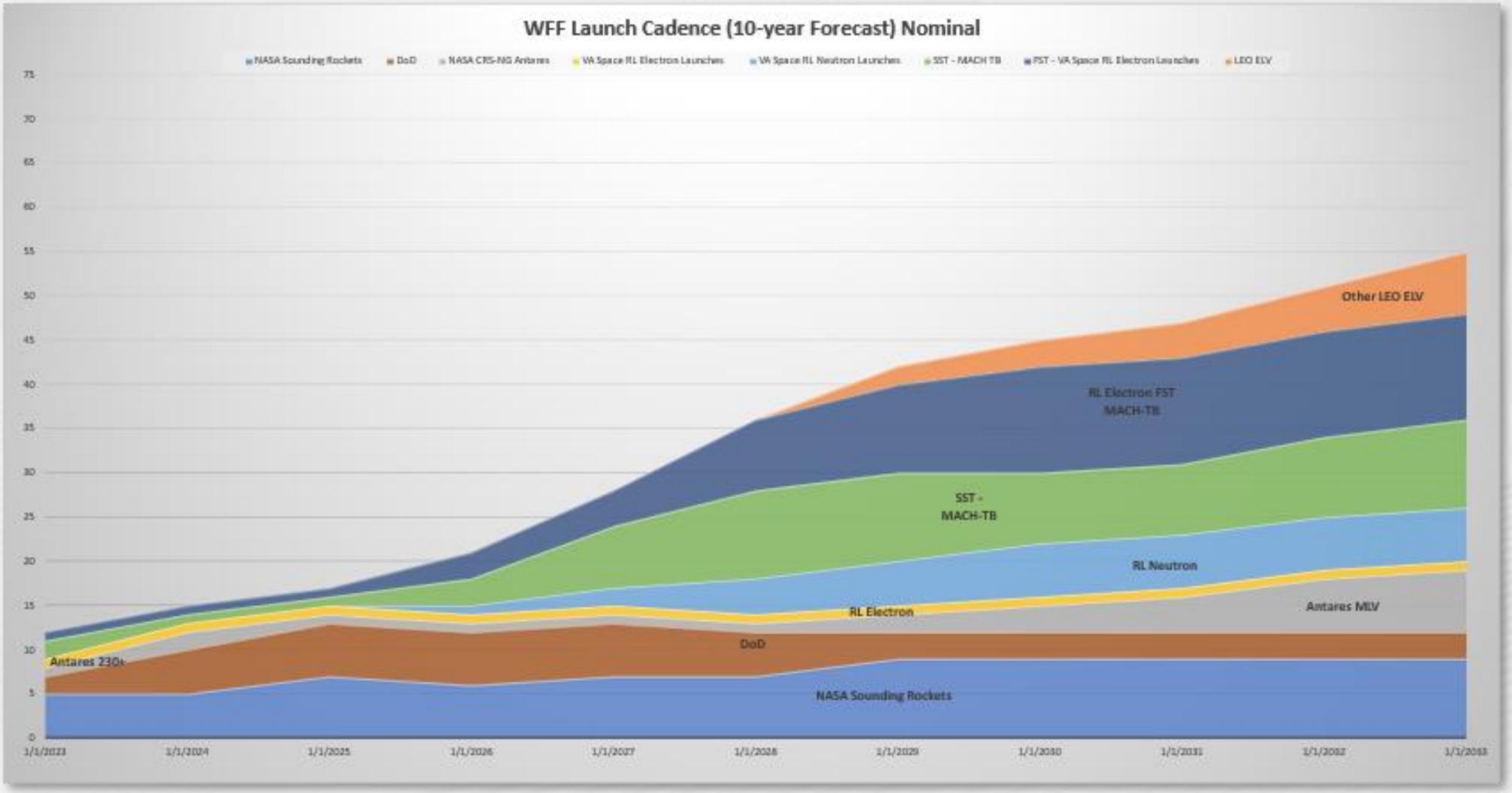
- NASA-owned Launch and Test Range for 80 years
- Facility of NASA's Goddard Space Flight Center
- Partnerships with DoD, Commercial Space, and Academia /Industry
- Located on Virginia's Eastern Shore accessing VACAPES Warning Areas
- Provider to our nation of rapid, low-cost access to the air and space environment for science, research, technology, commercial and academic activities.







Wallops Operational Forecast



Central Atlantic 2 Preliminary Assessment

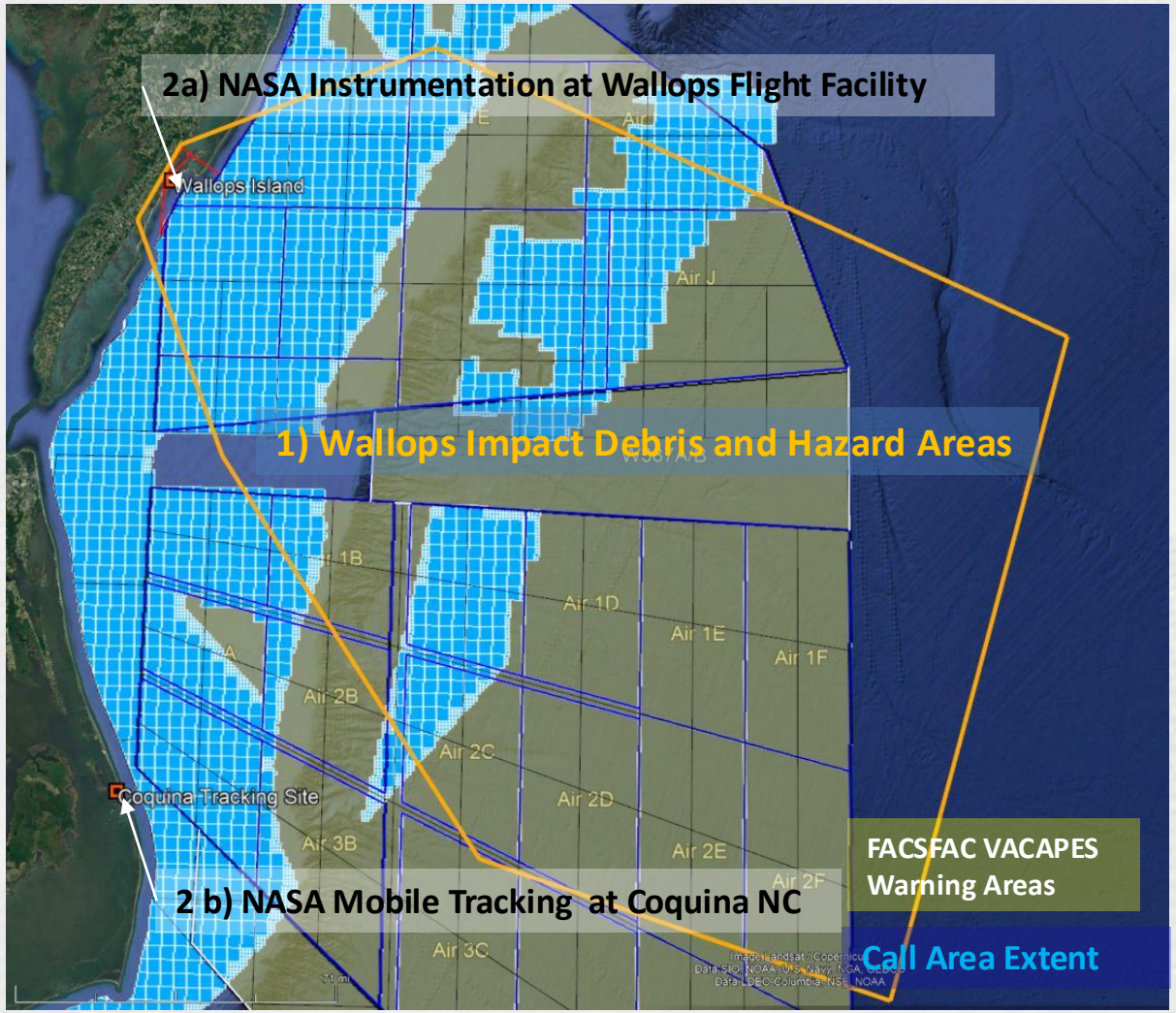
Leveraging previous CA-1 assessment data

Preliminary assessment overview :

1. CA2 portions inside Wallops impact hazard areas:
   - Debris impact risk to turbines and populations
   - Effect on surface ship surveillance
   - Effect on payload recovery

2. CA2 portions affecting tracking, data and command systems at:
   a) Wallops Flight Facility
   b) Coquina, NC -Mobile Off-Axis Site

Schedule: Technical assessment and review estimated completion in late October 2024.



PRE-DECISIONAL /PRELIMINARY

NASA Summary

NASA supports renewable energy and will continue working with the Bureau of Ocean Energy Management (BOEM) to limit impacts to our launch and test range operations that could come from additional development in the Central Atlantic Ocean. NASA has worked very closely with BOEM in providing feedback on CA1 in the Central Atlantic to ensure any potential development would minimally affect launch range operations.

NASA's preliminary assessment identifies similar concerns as with CA-1 over a broader CA-2 area:

- Potential radio frequency interference and blockage with instrumentation tracking and command systems at Wallops and Coquina remote site.
- Potential radio frequency interference and blockage that could reduce effectiveness of surveillance radars (land and air-based) used to ensure boaters and aircraft are out of the launch hazards.
- Wind turbines and wind turbine personnel exposure to risk from to debris from planned impacts, and failures from launch vehicles.
- Wind turbine interference with recovery of payloads
- Reduction in number of launches possible from Wallops


Thank You !
Questions?