



Lunch Panel Discussion: The Path Forward to Ensure User Readiness for GOES-R

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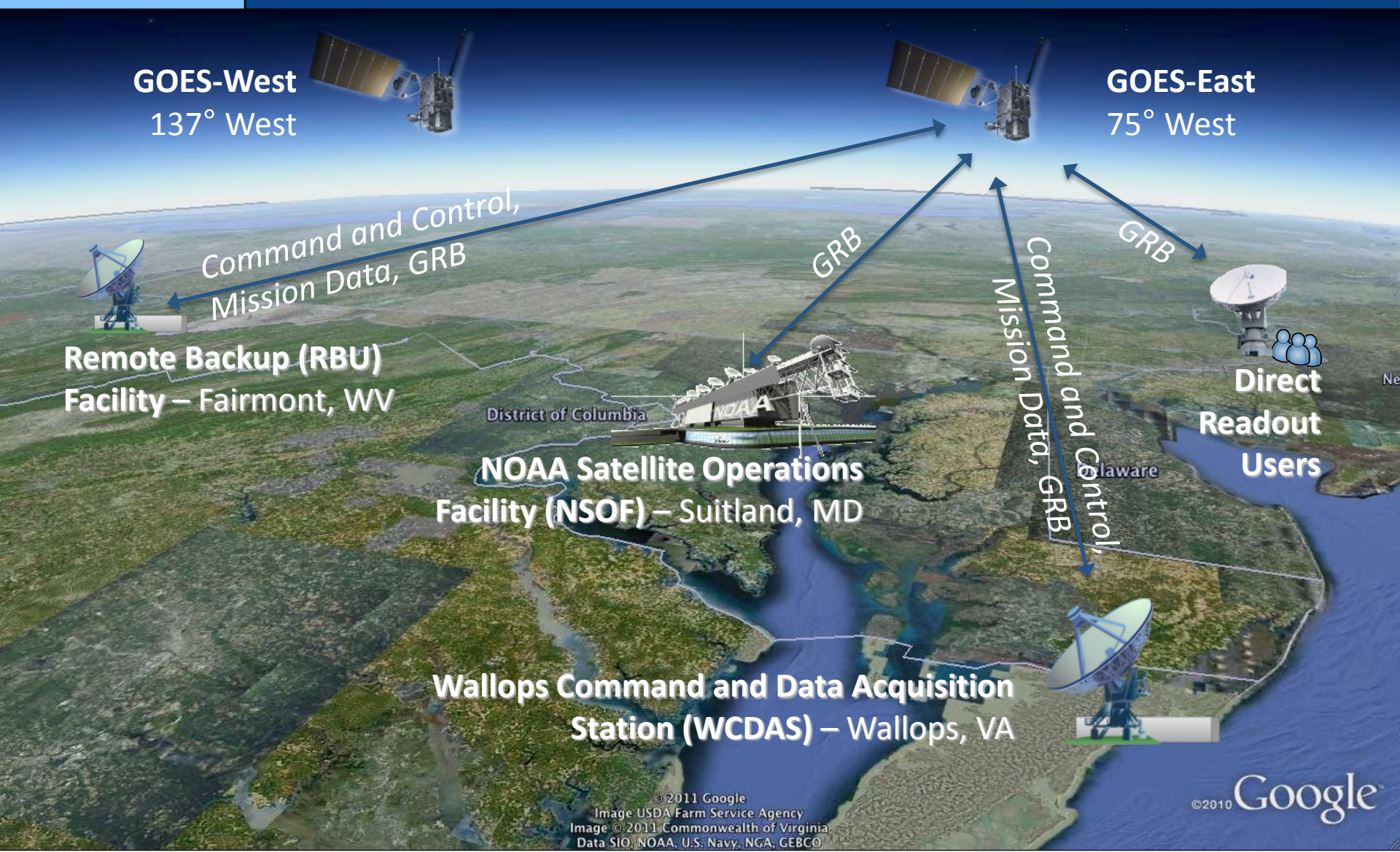


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GOES-R Operational System Configuration





Transitioning from GOES NOP to GOES-R

- Improved data products
 - Faster full disk images
 - 5 minutes (Mode 4) and 15 minutes (Mode 3)
 - Full set of Level 1b Data
 - Data from all ABI channels and other instruments
- Requires new antenna, receiver hardware, and processing system to handle the new data volumes
 - Receiver frequency shift from 1685.7 MHz to 1686.6 MHz
 - Dual circular polarized signals
 - Going from 2.11 mbps to 30 mbps



Readiness Efforts – At All Levels

- NWS Ground Readiness Project
 - Established by NWS to address IT infrastructure issues requiring attention for GOES-R and beyond. Underway now.
 - Addresses infrastructure for NPP, GOES-R, JPSS, and other advancements
- User Readiness Plan
 - GOES-R Program level communications to users of each system (AWIPS, GAS, CLASS, GRB) regarding training, schedules, needs, important points for dissemination. Draft due November 2011.
 - Will incorporate COMET and Proving Ground efforts, among others.
 - User System Readiness
 - GOES-R GS Project effort to provide support to help external NOAA systems receive GOES-R data. Underway now.
- Go to <http://www.goes-r.gov/users/overview.html> Information will be posted as it becomes available.