

# Update on GOES-R Proving Ground Activities at the Operations Proving Ground



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**GOES-R/JPSS All-Hands Call – 7 July 2014**



## The last two months...

- **OPG Evaluation of Tracking Meteogram Tool**
- **Satellite Proving Ground / User-Readiness Meeting Planning Team**
- **AMS Broadcast Conference**
- **BAMS Publication**
- **Initial Planning of Operations Proving Ground GOES-R Projects**
  - **Scanning Strategies**
  - **Preparing for ABI**
- **Ongoing Coordination of GOES-R Products with Forecast Offices**



# NASA SPoRT/MDL AWIPS-II Tracking Meteogram Evaluation

- Evaluation plan was created by OPG, MDL, and NASA SPoRT to assess:
  - Functionality, Ease of Use, and Maturity
  - Meteorological Relevance
  - Workflow/Workforce Impacts
  - Value for Communicating Decision Support Services
- 4 NWS forecasters (ER, CR, SR, WR) came to OPG 12-16 May 2014
- Evaluated the Tracking Meteogram using Satellite, Radar, Total Lightning, and Model Output
- Forecasters identified many effective practices, found alternative utility, supported future training, and used the VLab to document experiences.
- Forecasters highly recommended implementation into AWIPS-II baseline with the caveat that remaining stability issues are resolved.
- OPG is currently drafting report for OS&T, STI, NOAT, PGTB Coordinating Committee, and AWIPS Program Office.

- **Title: Capabilities of The Next-Generation Geostationary Environmental Satellite System for Operational Meteorology**



- **Interest to have AMS Broadcast Board begin discussions on having a Short Course on GOES-R for broadcast meteorologists at 2015 conference.**

- Recent meeting between OPG and Bill Ward.
- Exploring Impact of GOES-R ABI on NWS Forecast Office Operations.
- Once Himawari is launched, pull imagery into the OPG and begin archiving “interesting” cases.
- Use forecaster discussions to assist with...
  - Effective Practices on a Multi Spectral Approach to Meteorological Analysis
  - Efficiency of Creating RGBs “on the fly” (EPDT Plugin?)
  - GOES-R ABI Training
- Late Spring and Early Summer 2015
- 4 weeks long, 4 NWS forecasters each week (1 Pacific Region forecaster each week)

- **Finish writing and submit BAMS article - Coordination between CIMSS and NASA SPoRT (Mecikalski, Line, Petersen, Sieglaff, Stano, and Bedka)**
- **Begin planning OPG/GOES-R Scanning Strategy Experiment**
- **Prepare oral presentations for EUMETSAT...**
  - **Using GOES-R Demonstration Products to Bridge the Gap Between Severe Weather Watches and Warnings for the 20 May 2013 Moore, OK Tornado Outbreak**
  - **Transitioning the GOES-R Fog and Low Stratus Products from Research To Operations**
  - **Training Within the GOES-R Proving Ground Past, Present, and Future**
- **Satellite Liaison representative to the SOO/DOH Satellite User Readiness Training Team**
- **Continue assisting WFOs with GOES-R Demonstration Products**

Comments and/or Questions?

