



GOES-R Program Weekly Status Report

National Oceanic and Atmospheric Administration

Volume 1, Issue 9

09 April 2004

The Week Ahead

BAA Architecture Vendor Telecons

13 – 15 Apr 04, 09:00am – 5:00pm, SSMC1 Rm 6229

POC: Gus Comeyne,
gus.comeyne@noaa.gov

Space Weather Week

14 – 16 Apr 04, Boulder CO

POC: Larry Key,
lawrence.e.key@noaa.gov

GOES-R Risk Management Board

15 Apr 04, 1:30pm, SSMC1, Rm 5300

POC: Dan May,
dan.may@noaa.gov

On The Horizon

Calibration/Validation WG Inaugural Meeting

Date/Time/Location: TBD

POC: Mike Weinreb,
michael.weinreb@noaa.gov

TI IPT Meeting

22 Apr 04, Time: TBD, SSMC1 Rm 5300

POC: Larry Key,
lawrence.e.key@noaa.gov

Maryland Space Business Round Table

27 Apr, 11:00am, Location: TBD

POC: Liz Carson,
elizabeth.carson@noaa.gov

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The following report is intended for internal agency use. It is distributed for informational purposes only and does not necessarily reflect agency policy or plans.

GOES-R Operational Requirements Working Group

NSTR*

Technology Infusion Integrated Product Team

G. Dittberner attended the NASA Earth Science Technology Office's (ESTO) periodic Technology Strategy Team (TST) meeting in Boulder during the week of 22 March. The purpose of the meeting was to begin developing technology investment strategies in response to NASA Headquarters' six Science Technology Roadmaps. (Larry Key, lawrence.e.key@noaa.gov)

Members of the TI IPT held a telecon with Steve Goodman of NASA's Marshall Space Flight Center on 26 March to continue exploring potential pathways for moving NASA-developed capabilities into NOAA operations. Among other items, the TI IPT will forward to Mr. Goodman, a copy of the latest version of the GOES R-Program Requirements Document. (Larry Key, lawrence.e.key@noaa.gov)

The TI IPT met on 26 March. The focus of the meeting was on building science and technology roadmaps. Representatives from NESDIS ORA and NASA's Earth Science Technology Office (ESTO) briefed the IPT on their organization's efforts to build roadmaps, including the processes they are following and results to date. (Larry Key, lawrence.e.key@noaa.gov)

On 25 March, MIT/LL presented an assessment of areas where hyperspectral sensing might enhance remote sensing tasks performed at NOAA's Coastal Service Center. Of 25 coastal management issues, 19 were deemed amenable to enhancement by satellite-based hyperspectral sensing technologies. (Larry Key, lawrence.e.key@noaa.gov)

A workshop was held by the Space Policy Institute of George Washington University, 29 – 30 March, on "The Value of Improved Weather and Climate Information from Satellites in the Electric Power Industry." Following presentations by NESDIS and NWS on weather and satellites systems, representatives from seven electric power companies discussed the

*Nothing Significant To Report

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We are still looking for more ideas for a team name that we will select during the 30 April team meeting at GSFC. So if you've got one, send it to Liz Carson (elizabeth.carson@noaa.gov) or Dave Zehr (david.zehr@noaa.gov).

sensitivity of their infrastructure to weather and climate information to include space weather. The industry is sensitive to severe weather, soil moisture and wind (which blows tree over severing power lines), and extreme temperatures. Space weather effects are also important phenomena affecting the system, but in many cases can, with sufficient warning, mitigate impacts. Attendees were Pat Mulligan, Ben Diedrich, Robert Reining, and Gerald Dittberner. A report is expected in June. OSD funds this effort. (Larry Key, lawrence.e.key@noaa.gov)

Representatives of George Washington University met with OSD on 6 April to review the status of their cost benefits studies and discussed potential work, including further energy impacts of satellite information, clean water availability in the western U.S., and coordination with IWGEO. (Larry Key, lawrence.e.key@noaa.gov)

Martin Yapur is a graduate student sponsored by OSD under NOAA's Minority Sponsoring Institutions -

Team Building Activities

Bi-Monthly GOES-R NOAA/NASA Team Meeting
30 Apr 04 (rescheduled), 8:30am – 5:00pm,
GSFC, Rm TBD

POC: Liz Carson, elizabeth.carson@noaa.gov

Educational Partnership Program (MSI/EPP). Martin is working in OSD/RPSI the week of 5 – 9 April during Spring break. He expects to complete his MS degree at City College of New York on microwave remote sensing of snow depth and water equivalent. Martin will join OSD as a full time employee after graduation.

(Larry Key, lawrence.e.key@noaa.gov)

An internal review of progress on development of a viable internal solar sail technical analysis capability was held 31 March. A presentation to the TI IPT is under consideration. (Larry Key, lawrence.e.key@noaa.gov)

GOES-R Rebroadcast Working Group

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Frequency Allocation

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Acquisitions

Industry comments on the SIS Draft RFP were received on 30 March. The comments are being reviewed and responses will be distributed to all interested offerors. Final revisions to the solicitation will be incorporated over the next few weeks. The target date for release of the RFP for the design/risk reduction phase is late April. (Andrew Carson, andrew.s.carson.1@gsfc.nasa.gov)

HES design/risk reduction phase proposal evaluations are ongoing. The evaluations are on schedule for the award of these phases in May 04. (Andrew Carson, andrew.s.carson.1@gsfc.nasa.gov)

The GIFTS CDR table top reviews began 29 Mar 04. The Systems Engineering Review and Mechanical, Thermal, Optics Review were completed last week at SDL. The remaining CDR schedule is as follows:

Electrical Review	LaRC	12 – 14 Apr 04
Software, Data Handling Review	LaRC	15 – 16 Apr 04
Instrument System CDR Review	SDL	4 – 6 May 04

(Andrew Carson, andrew.s.carson.1@gsfc.nasa.gov)

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The ABI proposal dry runs are being conducted this week and will continue into next week. The target date for the release of the final RFP for the development/production phase is the end of Apr 04 with proposals due by the end of May 04. Comments about the 12 March draft RFP were received on 26 March. (Dan Flanagan, daniel.g.flanagan.1@gsfc.nasa.gov)

The SEISS Team continues to revise RFP documents. The SEISS requirements are being traced back to the MRD. After this activity is complete, a letter will be drafted that will identify any deviations from the MRD. The target date for the release of the SEISS draft RFP is end of April, with award of the design/risk reduction phase contract in Sep 04. (Dan Flanagan, daniel.g.flanagan.1@gsfc.nasa.gov)

The GOES-R Architecture Study Team completed the mid-term TIMS with the 12 vendors. Work continues to consolidate team comments and prepare for telecons next week. (Dave Zehr, david.zehr@noaa.gov)

Ground Systems Working Group

BAA Architecture Studies: Continued participation in the TIMs that began 8 March; the last TIM was conducted on 2 April. Comments submitted by Group members participating in the TIMs are being consolidated. (Gus Ryberg, august.ryberg@mitertek.org)

Inter-group Coordination: A phone conference was held with the SEC to discuss MRD requirements for the transmission of SIS, SEISS and Magnetometer data from the ground segment to the SEC. Further discussions are planned for next week. (Gus Ryberg, august.ryberg@mitertek.org)

Program Management Office

The Program Office continued preparing presentations on GOES-R requirements and status to EUMETSAT, GOES-R Quarterly Status to Mr. Withee, and the Maryland Space Business Round Table. (Liz Carson, elizabeth.carson@noaa.gov)

Finance and Budget

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Third GOES-R User's Conference

**10 – 13 May 2004
Broomfield CO**

See URL on OSD's website at <http://www.osd.noaa.gov/announcement/index.htm> for more information.

GOES-R Architecture Study 8 Month TIMS

August 2004, Dates and Times: TBD, Silver Spring MD, Rm TBD

POC: Gus Comeyne,
gus.comeyne@noaa.gov