



GOES-R Program Weekly Status Report

National Oceanic and Atmospheric Administration

Volume 1, Issue 12

23 July 2004

The Week Ahead

NGST Architecture Study Meeting

26 Jul 04, 09:00am – 4:00pm,
GSFC, Bldg 6, Rm TBD

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

Lockheed/Martin Architecture Study Cost Telecon

27 Jul 04, 1:00pm – 3:00pm,
Telecon, SSMC1, Rm 6229

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

On The Horizon

The International Society for Optical Engineering (SPIE) Conference

1 – 6 Aug 04, Denver

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

GOES-R Architecture Study 8 Month TIMs

Dates: See table at end of newsletter

Time: 08:00am – 5:00pm

Location: SSMC1 1st Floor Conference Center

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

4th NOAA Hyperspectral Workshop

17 – 19 Aug 04, Madison WI

POC: Larry Key,
lawrence.e.key@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

NSTR*

Calibration/Validation Steering Committee

The kickoff meeting of the GOES-R Cal/Val Steering Committee has been scheduled for the afternoon of 13 Sep 04, in the NOAA Silver Spring Metro Center, Building 1 (SSMC1). Agenda items will include review and adoption of the Committee's charter, an itemization of required GOES-R calibration and validation activities, and review of GOES-R calibration requirements in the Mission Requirements Document (MRD). (Mike Weinreb, michael.weinreb@noaa.gov)

GOES-R Rebroadcast Working Group

NSTR*

Frequency Allocation

NSTR*

Acquisitions

The first set of bi-weekly telecons with the HES vendors was completed. Also met face to face with ITT management to discuss HES focal plane array (FPA) development and with GIFTS project personnel to discuss technology infusion to HES vendors. GIFTS systems level cryo-cooler testing is planned to begin next week. (Gus Comeyne, gus.comeyne@noaa.gov)

SIS SEB is on track to complete all activities by the end of July, for an award in August. (Gus Comeyne, gus.comeyne@noaa.gov)

*Nothing Significant To Report

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The draft of GOES Lightning Mapper (GLM) PORD is out for review. Drafting of other technical documentation continues. (Gus Comeyne, gus.comeyne@noaa.gov)

Participation in end-to-end architecture studies and face-to-face TIM meetings with spacecraft providers continues. Also, a meeting was held with Austrian Aerospace and Saab Ericsson Space to discuss their SpaceWire implementation and experience. They have already flown a version of SpaceWire while the US is trying to start from scratch. (Gus Comeyne, gus.comeyne@noaa.gov)

SEISS RFP was released by NASA on 16 Jul 04. Responses are due during Aug 04 with contract award scheduled in Nov 04. (Dan Flanagan, daniel.g.flanagan.1@gsfc.nasa.gov)

Below is a summary of ABI activities since Feb 04:

12 Mar 04	Draft Implementation Phase RFP Released
26 Mar 04	Vendor Comments Received
29 Mar – 6 May 04	Final Government Review of RFP
5 – 13 Apr 04	Oral Proposal Presentation Dry Runs Completed
7 May 04	Final RFP Released
7 Jun 04	Proposals Received
9 Jun 04	Source Selection Start
14 – 23 Jun 04	Oral Proposal Presentations Completed
Jul 04	Source Selection Activities On-Going
Aug 04	Contract Award



Bi-Monthly GOES-R NOAA/NASA Team Meeting
Month TBD, 8:30am – 5:00pm, Silver Spring,
Details TBD

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

REMINDER: All personnel associated with the ABI and SIS procurements, with the exception of the Contracting Officer, are asked to refrain from formal and informal discussions with industry concerning these procurements. This communication "blackout" will continue through the evaluation phase, until the contracts are awarded. (Dan Flanagan, daniel.g.flanagan.1@gsfc.nasa.gov)

Preparations for the second Technical Interchange Meetings (TIMs) for the Architecture Study are in full swing. All meetings will be held at Silver Spring MD in the First Floor Conference Center of SSMC1 with the exception of the 8 – 9 Sep 04 TIM which will be held in SSMC2 Rm 2358. See below for specific dates when each vendor will present their briefings. These TIMs are open to any NASA/NOAA affiliated personnel with interest in the GOES-R program are invited to attend. If you wish to attend you must sign a non-disclosure agreement with the GOES-R Contracting Officer, Mr. Jay Moore (jay.moore@noaa.gov). (David Zehr, david.zehr@noaa.gov)

Ground Systems Working Group

The Working Group continues to monitor GOES-R Architecture Study efforts and status via telecons and face-to-face meetings. A preliminary trade-off impact table was created, summarizing the key drivers of each trade-off considered for the GOES-R Ground Systems Architecture. We are also in the process of incorporating the Measures of Effectiveness (MOEs) provided by each vendor and compiling a list of reference MOEs/priorities in preparation for the Aug 04 TIMs. (Peter Nguyen, peter.nguyen@mitre.org)

Preparations for the Design/Risk Reduction phase are continuing. The Working Group is supporting the MRD development and has initiated development of a draft Technical Requirements Document (TRD) that traces back to the MRD. The group is working on the 3rd draft of the Ground System CONOPS this month; with a final version due in October. Development of a ground architecture has commenced. The Ground Systems Risk Management Plan has been distributed to the Working Group and is under review. (Peter Nguyen, peter.nguyen@mitre.org)

Program Management Office

The Ground Subsystem Risk Management Plan is nearing completion (the Ground Systems WG is reviewing) and should be implemented shortly with an initial risk list interviews to accompany. The System level Risk Management group will be conducting follow up risk interviews shortly. (Dan May, daniel.may@noaa.gov)

Work continues on the crosswalk of requirements between GPRD-1fd, MRD-IIA and the PORs. Any inconsistencies noted will be provided to Program Management as suggested changes to the appropriate document. (David Zehr, david.zehr@noaa.gov)

Most of this week has been concentrating on preparing Exhibit 300 documents for OMB. In addition we consolidated inputs for the 3rd RPSI/GOES-R Team Meeting held on 22 Jun 04. This meeting was located in SSMC2, Rm 2358 and lasted from 9:00am to 12:30pm. The purpose of this team meeting was to share information among team members supporting the GOES-R acquisition. Topics included updates on program management, budget, requirements, feedback from the 3rd GOES-R Users Conference, ground systems development, architecture study status, technology infusion, and RF spectrum and communications. Program Management asked that attendance at the next RPSI/GOES-R Team Meeting be improved. We should remember that at the first RPSI/GOES-R offsite meeting, that we stated a desire to have a forum where information concerning the GOES-R program is shared and discussed. This Team Meetings is one of the methods used to do that. Program Management is open to any suggestions to improve these meetings. (Elizabeth Carson, elizabeth.carson@noaa.gov)

Finance and Budget

NSTR*

GOES-R Architecture Study 8 Month TIM Schedule

Loral	2 – 3 Aug 04	Honeywell	25 Aug 04
Spectrum/Astro	4 Aug 04	Raytheon	26 – 27 Aug 04
Orbital	5 – 6 Aug 04	Boeing	30 – 31 Aug 04
Carr	11 Aug 04	ISI	1 Sep 04
Harris	12 – 13 Aug 04	Northrup/Grumman	2 – 3 Sep 04
Lockheed/Martin	24 – 24 Aug 04	Ball	8 – 9 Sep 04

Inaugural Calibration/Validation Steering Committee Meeting

13 Sep 04, Time TBD, Silver Spring MD, SSMC1, Rm TBD

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

13th AMS Conference on Satellite Meteorology and Oceanography

20 – 23 Sep 04, Norfolk VA

Government Travel Registry deadline COB 16 Aug 04. POC: Shelly Thompson, shelly.thompson@noaa.gov

GOES-R Architecture Study Final TIMs

3rd and 4th Week of Sep 04 (exact dates TBD), Telecons, SSMC1, Rm 6229

POC: Mike Madden, micheal.madden@noaa.gov

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