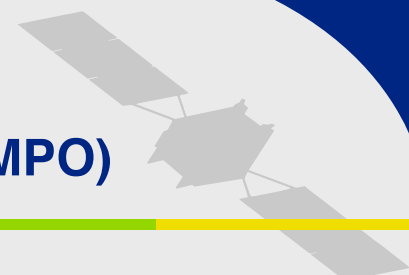




Tropospheric Emissions: Monitoring of Pollution (TEMPO)



Monthly Newsletter

September 2013

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News and Announcements:



TEMPO Instrument Contract Awarded:

On September 4, 2013, Ball Aerospace & Technologies Corporation (BATC) was awarded the TEMPO instrument contract, valued at a potential \$58M over an 8-year period of performance. Instrument Project Manager Wendy Pennington said, "I would like to thank the entire team for working so hard to complete the Request for Proposal documentation, the initial proposal submittal, a very thorough technical evaluation by the subject matter experts, fact finding and negotiations." The team is working toward the System Requirements Review (SRR) and Mission Design Review (MDR) that is now scheduled for October 22 and 23.

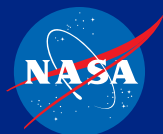
The **TEMPO SRR** is scheduled for October 22, 2013 @ LaRC.

The **Hosted Payload Solutions (HoPS)** and TEMPO study solicitation was released August 1, 2013. Proposal responses are due in 45 calendar days on September 16, 2013.

Meetings and Events:

Standing Review Board Chair Visits NASA Langley:

TEMPO Standing Review Board Chair Pamela Sullivan from NASA Goddard visited NASA Langley on July 30, 2013. The primary purpose of Pam Sullivan's visit was to become familiar with the mission and TEMPO instrument projects and the unique aspects of the hosted payload mission. Pam was introduced to Principal Investigator Dr. Kelly Chance, who was visiting from SAO, the TEMPO team, Flight Projects Directorate management, and Walt Engelund. The project team presented a science and project overview and worked review plan details for the TEMPO instrument and mission. In addition, Pam visited the Earth Space Systems Pathfinder Program Office and the TEMPO program management team.



meetings and events (cont.):

Technical Interchange at Ball Aerospace:



On July 10 and 11, Kelly Chance, PI, led a team from SAO and Langley that traveled to Ball Aerospace & Technologies Corporation (BATC) in Boulder, Colorado, to conduct a technical interchange. The team's objectives were to clarify basis of estimate rationale provided by the Ball team in the recently received proposal. The team had very productive sessions with the Ball subsystem leads and estimators that provided insight into the basis of estimates. The TEMPO team also developed an understanding of the management strategy that provides for cost sharing of non-recurring hours with the GEMS instrument that will provide for cost efficiencies. Additionally, the team received insight into the grass roots cost estimates and basis of estimates. The TEMPO team is applying the knowledge gained at BATC to prepare a recommendation for the contract pre-negotiation meeting by July 19 to Contracting Officers. After the two days, the Project Manager led a planning session that mapped the Systems Requirements Review schedule planned for October 2013.

Team Snapshots:

TEMPO Proposal Team Receives Group Achievement Award from Lesa Roe:

The award was in recognition of the exceptional proposal effort that resulted in the TEMPO EV-I win, the TEMPO proposal team will receive the NASA Group Achievement Award. The award was accepted by Barry Bryant on behalf of the team at the Langley Honor Award Ceremony on Tuesday, August 13th at 2:00 pm at the Reid Center.



TEMPO Proposal Team

Calendar Meetings/ Events:

SEPTEMBER						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1	2	3 * *	4 * *	5 * * *	6	7
8	9	10 * *	11	12 * * *	13	14
15	16	17 * *	18 * *	19 * * *	20	21
22	23	24 * *	25	26 * * *	27	28
29	30					

Sep 2 Labor Day

- * **Tues 11-12pm** Weekly Instrument Staff Meetings
- * **Tues/Thurs 1-2pm** Weekly Mission SEWG Meetings
- * **Wed 2-3pm** Bi-Weekly INR Working Groups
- * **Wed 10:15-11:15am** Bi-Weekly ESSP PO HQ Telecons
- * **Thurs 11-12pm** Weekly Planning Meetings
- * **Thurs 11-11:45am** Weekly Mission Meetings

TEMPO is the first Instrument from NASA's Earth Venture Class Series. The mission will measure pollution of North America, from Mexico City to the Canadian tar/oil sands, and from the Atlantic to the Pacific, hourly and at high spatial resolution. TEMPO observations are from the geostationary vantage point, flying on a geostationary host spacecraft with the goal to launch in 2019. The host spacecraft selection and mission management for TEMPO were directed by NASA's Science Mission Directorate to NASA Langley, led by Mission Project Manager Alan Little. The TEMPO Instrument Project is led by Principal Investigator Kelly Chance at the Smithsonian Astrophysical Observatory, who delegated Instrument Project Management to NASA Langley.

