

SUBJECT: Mission Services Customer Forum (MSCF) Meeting

DATE: March 21, 2002

PLACE: Goddard Space Flight Center, Building 3, Auditorium

TIME CONVENED: 1:00 p.m.

TIME ADJOURNED: 3:55 p.m.

ATTENDANCE: The list of attendees is located at the back of the minutes

NOTE: Referenced presentations are located within the MSCF website at http://npas19.honeywell-tsi.com/mscf/mscf_prior_presentations.html

I. INTRODUCTION

Mr. Al Levine (NASA/GSFC) convened the Fifth Mission Services Customer Forum (MSCF) on March 21, 2002, at the Goddard Space Flight Center (GSFC), Building 3 Auditorium. Mr. Levine welcomed the attendees, both those present in the auditorium and those attending via teleconference. Mr. Levine discussed the agenda and stated that the MSCF is a good forum for providing information on what is happening currently and what will happen in the future. Mr. Levine stated that the draft RFP for the re-compete on the contract was out and that, although there would be a presentation on that subject, there were issues that could not be relayed at this meeting. Mr. Levine stated that if there was anything that needed to be discussed outside of this meeting, please email or call him.

II. OPEN FLOOR – CUSTOMER CONCERNS/ISSUES

None at this time.

III. WALK-ON ISSUES

None at this time.

IV. CURRENT ACTION ITEMS

See Attached Action Items.

III. FEATURED TOPICS

- a. Mr. Jeff Glass (NASA/GSFC) (in place of D. Schonbachler) provided a presentation on the TDRSS Name Switchover (refer to website for presentation, *TDRSS Name Switchover*). The current status was presented of the naming convention. Projects will have to make software changes. The transition readiness review will have to be scheduled. A project single point of contact should be named and provided to the Mission Commitment Managers for. K. Tasaki asked how many MOCs are ready? J. Glass stated that more were ready than not ready. It was stated this is a cutover, not a transition. Due to the floating nature of the schedule, support of the old and new naming convention Transition option is to cut over one TDRS at a time. This has turned out to be more of a task than originally thought.
- b. Mr. Curtis Emerson (NASA/GSFC) provided a presentation of the Security Issues (refer to website for presentation *Security Issues*). C. Emerson stated that the current events might dictate changes in the system. Sendmail has problems and should be upgraded to new system. There is a need to register all public websites. Eventually everything will be registered. The POCs were addressed.
- c. Mr. Kevin McCarthy (NASA/GSFC) provided a presentation on the Space Mission Communications and Data Services (SMCDS) Procurement (refer to website for presentation *Space Mission Communications and Data Services (SMCDS) Procurement*). K. McCarthy stated the draft RFP is now on the street. There will be two proposals (NENS/MOMS). If bid for both then may be able to cut costs. K. McCarthy described schedules and scope of contracts. There may be multiple contracts and multiple contractors for each.
- d. Al Levine asked if there were any issues to discuss at this time. There were no questions.
- e. Mr. John Martin (NASA/GSFC) provided a presentation on the Integrated Design Capability: An Efficient Approach to Mission Design (refer to website for presentation *Integrated Design Capability An Efficient Approach to Mission Design*). J. Martin described the process of mission design from the early stages to the end result. ISAL is the design of the instrumentation and IMDC is the mission process end-to-end. It takes a team of people to decide how to do the mission. All of NASA is supported by this area. They try to define the product and decide disciplines needed. This presentation detailed

the typical products they produce. A list of the products was presented. There have been 160 studies completed and 90% are Government customers.

Question (K. Tasaki): Is cost information provided to the customer on studies.

Answer: Yes. There are two customer estimates submitted. The two estimates are usually within 10% of each other. One is a grass roots type and the other is pricing hardware and software.

Question (K. Tasaki): Have there been conflicts of interest.

Answer: Conflicts of interest do occur. They assess the engineer and one of our engineers and if we find a conflict they do not use the same engineer.

Question (K. McCarthy): What is the charge for NASA?

Answer: For a custom one-week study we charge NASA \$25k and others \$60K.

Question (Source unknown): What is the make up of the teams.

Answer: They prefer all civil servants and that they don't have enough money to pay contractors.

IV. SYSTEMS STATUS UPDATE

- a. Mr. Roger Clason (NASA/GSFC) provided a presentation on the Ground Network (refer to website for presentation *Ground Network*). R. Clason stated that this was the same presentation that was given at the November 21, 2002, conference. R. Clason stated that HBK would lapse and not be included in the network. He presented the list of current support and future support for the GN. R. Clason stated that there is no solid projection of support past 2007. DOD is upgrading the AFSCN.

- b. Mr. Keiji Tasaki (NASA/GSFC) provided a presentation on the Space Network (refer to website for presentation *Space Network*). K. Tasaki discussed the CSOC follow on for the SN. He discussed the fast approaching acceptance of TDRSS I and J and the hope that it would be functional by summer 2003. K. Tasaki stated that the SWIFT testing is ongoing and that it should be operational by late July 2003.
- c. Mr. Tim Thompson (CSC/GSFC) provided a presentation on the Flight Dynamics Facility (refer to website for presentation *Flight Dynamics Facility*). Changes in the DSN interface were described. Mr. Thompson discussed the partial backup facility in Bldg. 13 with a single string capability.
- d. Mr. B. Hudgins (NASA/GSFC) provided a presentation on the Data Services Management Center (DSMC) (refer to website for presentation *Data Services Management Center [DSMC]*). B. Hudgins stated there have been in excess of 300 SN passes per day. The preliminary operations with customers on SWSI have been successful. Continuous training is being performed to stay proficient in supporting STS during no fly times. Simulations are run and vector variations are performed during these times also.
- e. Mr. Robert Sodano (NASA/GSFC) provided a presentation on the Space Science (refer to website for presentation *Space Science*). B. Sodano stated that no question would be answered during this presentation regarding the RFP for MOMS. He discussed the lessons learned that were applied to the new contract and the schedule for the contract bid and award. The scope of the new contract was delineated.
- f. Mr. Paul Ondrus (NASA/GSFC) provided a presentation on Code Y (refer to website for presentation *Code Y*). P. Ondrus stated that the transition of SORCE and ICESAT operational is ongoing. The preparations are being completed for AURA launch. Continuing the CSOC to MOMS transition. P. Ondrus discussed the continuing space operations and constellation management (AQUA, AURA, CALIPSO, CLOUDSAT, etc.).
- g. Mr. Ted Sobchak (NASA/GSFC) provided a presentation on the Human Spaceflight (refer to website for presentation *Human Spaceflight*). T. Sobchak gave an STS-107 contingency summary and network support results summary. He described the CANDOS support for the mission. He stated that SWSI was used for support of CANDOS mission.
- h. Mr. Al Levine (NASA/GSFC) provided a presentation on the Loading/Resource Issues (refer to website for presentation *Loading/Resource Issues*). A. Levine discussed the GN Mission Model 2003 through 2007. He stated that ELV/LEOP is a frequent customer for SN support. A. Levine stated that in the chart on page 121 the spike covers demand and the straight line was the base line.

Question: Was TDRSS factored in for range safety for the launches?

Answer: Not sure what the range safety requirements are. Not able to give a firm response. ELV does not include the range safety if not included in requirements.

V. NEW ACTION ITEM(S)

There were no new Action Items assigned at this meeting:

ACTION ITEM: MSCF-11-21-02

ASSIGNEE(S): Jeff Glass

ACTION: TDRS RENAMING ISSUE

List the projects that have responded as being ready or not ready to transition to the new TDRS renaming convention. Put this information on the website ([Http://npas19.Honeywell-tsi.com/mscf_2002052/mscf_presentations.html](http://npas19.Honeywell-tsi.com/mscf_2002052/mscf_presentations.html)) for Mission Directors to review.

STATUS: In process.

V. SUMMARY

Mr. Al Levine summarized the meeting and thanked all participants and personnel associated with the successful presentation of this forum.

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