

National Aeronautics and Space Administration
Kennedy Space Center
Kennedy Space Center, FL 32899



March 25, 2011

Reply to Attn of:

NE-F

TO: USA/Manager, Main Propulsions Systems

FROM: NE-F/Division Chief, Fluids and Propulsion Division

SUBJECT: Technical Interchange Meeting – KSC Main Propulsion and Space Shuttle Main Engine Engineering

NASA is sponsoring a Technical Interchange Meeting (TIM) of KSC Engineering personnel who have supported Shuttle Main Propulsion System (MPS) and Space Shuttle Main Engine (SSME) engineering during the past 30 years. Engineers from Rockwell, Lockheed Space Operations Company, Rocketdyne, Boeing and the current MPS and SSME engineers are invited to participate in a two day event at KSC. This two day event will address KSC Lessons Learned from STS-1 to the Present Manifest. Areas to be addressed are MPS, SSME and SSME Avionics operational issues. Lessons Learned Briefings have been prepared and will be provided to all participants before convening at KSC for a final review and presentation on May 2nd and 3rd.

The attached agenda is for review. Please respond to Carlos Estrada at carlos.d.estrada@nasa.gov or Thomas Wells at thomas.f.wells@nasa.gov by April 10th to indicate if you are interested in participating. If interested, you will be receiving further correspondence from NASA Security for information needed to process your Temporary Area Access permit.


Henry Bursian

Enclosure

MPS/SSME TIM proposed Agenda:

Day One – AM Session – OSB II Room 5109

8:00 am Introductions
8:15 am Overview STS-1 to Challenger
8:15 am STS-1 Overview – Steve Coester
8:45 am STS-2 to Challenger
9:45 am Break
10:00 am Post Challenger RTF work

11:00 am Break
11:15 am Post Columbia RTF work

12 to 1 pm Lunch

Day One – PM Session -- OSB II Room 5109

Team sessions for Lessons Learned reviews

1:00 pm Helium Signature Test
1:45 pm SSME Block I to Block II
2:15 pm Break
2:30 pm GH2 Flow Control Valve Failure review
3:15 pm AHMS

Day Two – AM Session

Tour of Pad, SSMEPF, OPF and *Columbia Room

* Columbia Room tours will begin on the hour at 8, 9,10&11

8:00 am Depart from OSB II for Pad
9:00 am Depart for OPF 3
9:15 am OPF 3 tour
10:15 am SSMEPF tour
12 to 1 Lunch

Day Two – PM Session – OSB II Room 5109 or LCC 4P10

Lessons Learned Presentations – continued from Day One

1:00 pm MPS Flowliner Cracks
OPF Shop to demo "repliset"
1:30 pm BSTRA
2:00 pm Break
2:15 pm ECOs
2:45 pm LPAT
3:15 pm Close