



Meeting Minutes, AMS-02 Project Tag-up April 2, 2007

Attendees:

Mike Fohey (ESCG), Trent Martin (NASA), John Stanford (NASA/JSC/NT), Tim Urban (ESCG), Leland Hill (ESCG), Craig Clark (ESCG), Art Nelson (ESCG), Chimin Chang (NASA/JSC/OZ), Alfonso Tarditi (ESCG/EV), Win Reid (OZ/USA), John Heilig (ESCG)

AGENDA:

Open Paper Management Tool

05-042 – Helium Venting Hazard Analysis: L. Hill reported that C. Tutt was working with new software and making progress.

05-054 – Leak before Burst Analysis: L. Hill reported that Johannes has said that there is no big difference in the testing now that AIDC is building the radiators. Testing is to proceed as planned.

05-103 – Risk Mitigation Plan for TTCS Welding: C. Clark to pulse Johannes for an updated status on the Risk Mitigation Plan.

05-104 – Thermal Blanket Manufacturing Schedule: Trent confirmed with Crew Quarters representatives that their need for the Clean Room is now in June and that J. Cornwell agreed that the MLI work would be completed by the end of May. This action is CLOSED.

05-105 – Auto-ignition Safety Hazard: More details are needed on the baroswitch electronics. T. Urban has an action to discuss baroswitch design with Volker Commichau and Mike Capell.

05-107 – Beta Cloth Material Testing: Trent to pulse J. Cornwell to verify that all testing has been completed.

AMS_02-CDR-06 – AMS-CDR-1-17: Meteoroid/Orbital Debris Shielding: D. Lear met with L. Hill to discuss requirements and he introduced a new softgoods design for some shields. TRD bottles are OK with MLI shielding? May need to add structure to the Warm Helium Supply. Dana has slipped the schedule for analysis due to receipt of a higher priority task. He is expected to resume later this month.

AMS_02-TTCS_PDR-05, -07, -10, -11, -12 & -20: C. Clark received word from Johannes that no one is working the TTCS Stress Report issues.



MAG-Review-01 – Measurement of Helium Depletion during a Quench: T. Martin to pulse K. Bollweg on the status of the plan.

MAG-Review-04 – Thermal Cycling in the MATF: T. Martin to pulse K. Bollweg on the status of the plan.

Discussion:

A question arose on the schedule for the AMS-02 Phase II Flight Safety Review. M. Fohey to take the action to send out the preliminary agenda to the Project Tag-up DL. Action complete 04-04-07.

The completed Superfluid Helium Tank was shipped from Hans Bieri Engineering in Winterthur, Switzerland to Scientific Magnetics (SM) in Culham, England on 04-02-07. The tank arrived safely (but not without incident) on 04-03-07.

The AMS Payload Structural Test Article (STA) was shipped from CERN in Geneva, Switzerland to IABG in Munich, Germany also on 04-02-07. The STA arrived safely on 04-03-07.

J. Stanford asked if DOE would be represented at the Phase II Safety Review. T. Martin replied "I doubt it."

W. Reid reported that AMS-02 was added to the Integrated Payload List as a payload on ULF-3 currently scheduled for July 09. C. Chang stated that there were currently two ULCs manifested on ULF-3, and that AMS-02 was added for PIM support only at this time.

M. Fohey
04/05/2007