



## Meeting Minutes, AMS-02 Project Tag-up September 18, 2006

### Attendees:

Trent Martin (NASA/JSC/EA), Gary Spexarth (NASA/JSC/EA2), Paul Nemeth (ESCG), Chris Tutt (ESCG), Mike Fohey (ESCG), Craig Clark (ESCG), Tim Urban (ESCG), Leland Hill (ESCG), Bruce Sommer (ESCG), Mike Capell (MIT), John Stanford (NASA/JSC/NT), Bill Hungerford (MIT), Jack Keifenheim (NASA/KSC), Ryan Lawrence (NT/SAIC)

### AGENDA:

#### **Open Paper Management Tool**

Open discussion:

The status of the STA Assembly was discussed: The STA Vacuum Case has been disassembled and installed into Jig-B in preparation for installation of the CMR this week. The Weld Fixture and Weld equipment is being set-up in preparation for the STA close-out weld planned for October. Making good progress.

The remainder of the tag-up was dedicated to the review of the Open Paper Management Tool.

05-049: Supercritical Startup – Testing underway.

05-054: Leak Before Burst Analysis – Leland to pulse Johannes.

05-068: Tracker Radiator Integration Jig – New design has been completed, CAD model available. Waiting on review by R. Harold prior to closure.

05-069: Thermal Tubing Support Beam – M. Capell to press Stephen Harrison on acceptability of intrusion.

05-080: PVVV Installation: Revised layout was developed by R. Becker. Meeting to discuss layout was cancelled. Coordination required w/ R. Harold, R. Becker, and S. Harrison.

05-096: Removal of Nominal Landing Requirements: SVP under internal review. Submit to CCB by 10/1.



05-101: Vent Pump Issue: Action re-write. S. Harrison investigating other pumps; C. Clark and M. Molina investigating Cryocooler capabilities. No other actions to be worked until conclusions on these two. Firm data on new pump by October TIM.

AMS\_02-CDR-06: MMOD Shielding – Trent to press Eric Christiansen.

AMS\_02-TTCS\_PDR-03: Evaporator Tail needs redesign – Antonio completed new design. New report issued to B. Sommer. B. Sommer to review design and work with Dr. Lo for closure. Date rolled to 10/15.

AMS\_02-TTCS\_PDR-06: Installation deformation release – Antonio completed new design. New report issued to B. Sommer. B. Sommer to review design and work with Dr. Lo for closure. Date rolled to 10/15.

AMS\_02-TTCS\_PDR-07: Visual Inspection of weld and fracture analysis – B. Sommer to work w/ D. Rybicki and Dr. Lo for closure.

AMS\_02-TTCS\_PDR-09: TTCS tube routing – B. Sommer to work w/ Dr. Lo for closure. Date rolled to 10/15.

AMS\_02-TTCS\_PDR-10: Negative safety margins – Xinmei completed bolt calculations. NLR to complete analysis on bolts and components. Combined report to be issued by NLR. Date rolled to 12/25.

AMS\_02-TTCS\_PDR-11: Bolt and Insert analysis – Xinmei completed bolt calculations. NLR to complete analysis on bolts and components. Combined report to be issued by NLR. Date rolled to 12/25.

AMS\_02-TTCS\_PDR-12: Finite element analysis approach and fastener analysis – Xinmei completed bolt calculations. NLR to complete analysis on bolts and components. Combined report to be issued by NLR. Date rolled to 12/25.

AMS\_02-TTCS\_PDR-20: Modes missing – Xinmei completed bolt calculations. NLR to complete analysis on bolts and components. Combined report to be issued by NLR. Date rolled to 12/25.

MAG-Review-02: Signal Noise Control on the Cryomagnet Self Protection System – CLOSED – per e-mail from H. Cuesta dated 8/31/06. All closures of these items will be captured by M. Capell and when complete; will be forwarded to appropriate parties.