

All,

The following is a draft agenda. Attached are the (1) previous minutes (Tom Eich), (2) latest Issues List, and (3) two presentations that have been submitted so far (more are pending): CD Operational Performance Considerations (Ganghuai Wang) and Scaling / Tradeoff of NIC/SIL for Application Requirements (Joel Wichgers). At the bottom of the email, you will find the dial-in information for the telecon (Taji Shafaat) and live meeting (Don Walker). The meetings will from 9:00 am to 5:30 Pacific Daylight Time.

Agenda:

**Day 1: Main objective is to discuss two applications: Conflict Detection (CD) and Enhanced Visual Acquisition (EVacq)**

- Administrative
  - Approval of agenda
  - Review and acceptance of previous minutes
  - Update on status presented to the SC-186 Plenary
  - Select dates for future meetings and telecons
- Discussion on CD Application – Metrics, Algorithm, Requirements (Ganghuai Wang / MITRE) ~ 2 hrs
- Discussion on EVacq– Integrity Discussion and Safety Analysis (Don Walker / Honeywell ...Note: Presentation not yet received) ~ 2 hrs

Time Permitting, additional objectives:

- Issue # SP2: What is the ASSAP tracking capacity? (Tom Eich / ACSS & Randy Sleight / APL) ~ 1 hr
- Issue # I10: How are ADS-B and TIS-B Reports, that ASSAP ingests, assembled from 1090ES messages? In other words, are full state vectors generated (a) only when a position message is received, or (b) when either position or velocity messages are received? If the latter is the case, is additional processing required in ASSAP? (Tom Eich / ACSS) ~ 1 hr
- Issue # S6: What are the risks/issues for requiring DO-260A vs. DO-260? ~ 1 hr
- Review Action Items
- Review agenda

**Day 2: Main objective is to discuss ASSAP / CDTI Interface within ASSAP WG in preparation for the joint meeting on day 3.**

- Issue # I1: Are control panel / pilot input sent via CDTI to ASSAP?
- Issue # I2: Is the selection of an application external to ASSAP?
- Issue # I3: What is the minimum number of tracks sent to the CDTI?
- Issue # I4: Should the prioritization / filtering take place in the ASSAP or CDTI?
- Issue # I5: What is the priority selection logic of tracks shown on the CDTI? (Presentation by Tom Eich)
- Issue # I6: How is the TCAS Tag / Cross Reference Information used by the CDTI? How should it be generated? When is the TCAS symbol shown on the CDTI?

- Issue # I7: How is the Assured Normal Separation Distance (ANSD) generated for the CD application?
- Issue # I8: The use of TIS-B Service Indicator is still being considered. Start this issue discussion with an update of that status. Define what should constitute the TIS-B Service-Indicator that might be sent from ASSAP to CDTI. How will the CDTI announce that ownship is within service volume?
- Issue # I9: If CDTI must accommodate the display of traffic data with simultaneous overlay of terrain or FIS-B products when integrated into an MFD, do any of the resulting requirements affect the interface between ASSAP and CDTI?

**Additional Objectives:**

- Issue # AP3: Scaling/Tradeoff of NIC/SIL for Applications (Joel Wichgers / Rockwell Collins) ~ 1 hr
- Review Action Items

**Day 3: Main objective is a joint meeting with the CDTI WG to discuss ASSAP/CDTI interface and functional responsibilities.**

9:00 am – 2:30 pm    Joint meeting with CDTI

2:45 -5:30 Continue discussion on other issues time permitting:

- Issue #SP 6: Are there any issues with receiving messages from multiple links for the same a/v (i.e., UAT and 1090ES)?
- Issue #SP 13: What are the performance metrics for Surveillance Processing Functions?
- Issue #SP14: Duplicate Address issue.
- Issue #SP15: Does NAC have to be extrapolated? This is listed in ASA MASPS as a requirement (R3.188, R3.288c); objections have been raised; require action item for those raising the objection to present their argument.
- Issue #SP16: Is assignment of a unique track number required?
- Issue #SP17: Are the ADS-B reports that are processed by ASSAP “pre-filtered” or “raw measurements?”
- Issue #SP18: How long should ASSAP wait to declare an (established) ADS-B or TIS-B Track?
- Issue #AP1: How would a TIS-B Service Indicator be generated from the Management Message via 1090ES or Ground Uplink Message via UAT?
- Issue #AP2: If ANSD is determined by the system based on phase of flight, how is it implemented?
- Review Action Items