

**ALASKA INDUSTRY COUNCIL MEETING
MINUTES
August 8, 2007**

The Alaska Industry Council met at the Alaska DOT/PF Building on August 8, 2007, at 8:00 a.m.

The following agenda items were presented:

Opening Remarks	Jere Hayslett
National Program Update	Vincent Capezzuto
MOA/AIC Update	Karen Casanovas
Avionics Issues and Anomalies	Dan Stapleton
Navigation Services Update	JoAnn Ford
Information Sharing	All
Industry Feedback (Round Table)	All

Information Sharing

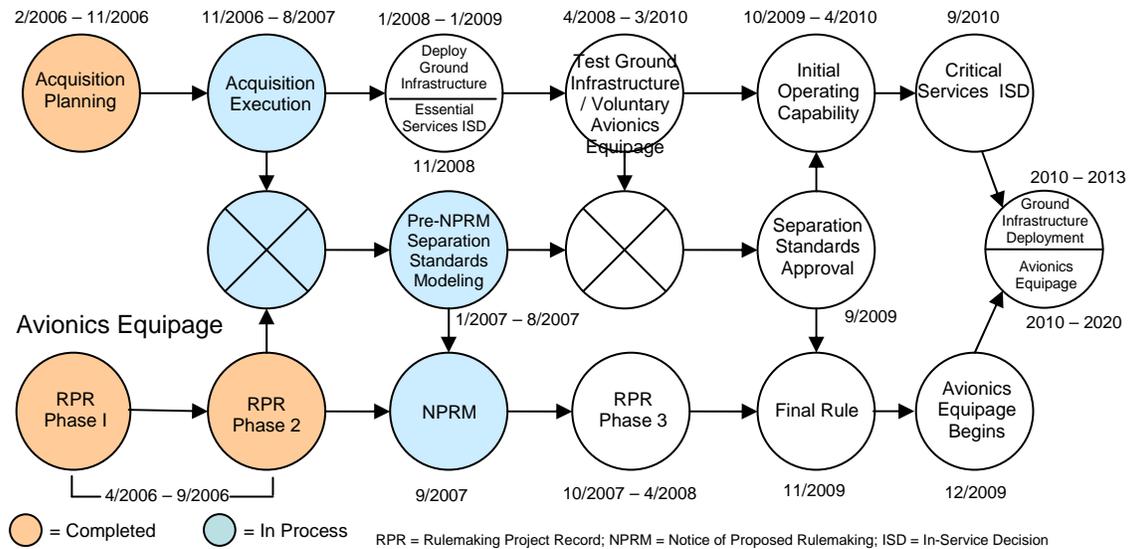
Opening

Jere Hayslett opened the meeting with introductions and went over the agenda for today's meeting, announcing that at the end of the meeting an AIC plan signing ceremony would be conducted. Jere then presented a slide which depicted the organizational structure of the Alaska SBS office and explained the reporting structure up to head quarters, including the tie in of the SBS office in Alaska as the support and lead office for the Western Service area.

National Program Update – Vincent Capezzuto

Vincent opened the National Program update by explaining the FAA's dual track strategy for Ground Infrastructure and Avionics Equipage, illuminating the criteria used for the various components of the strategy which include completed and in process movement of the following items.

Ground Infrastructure



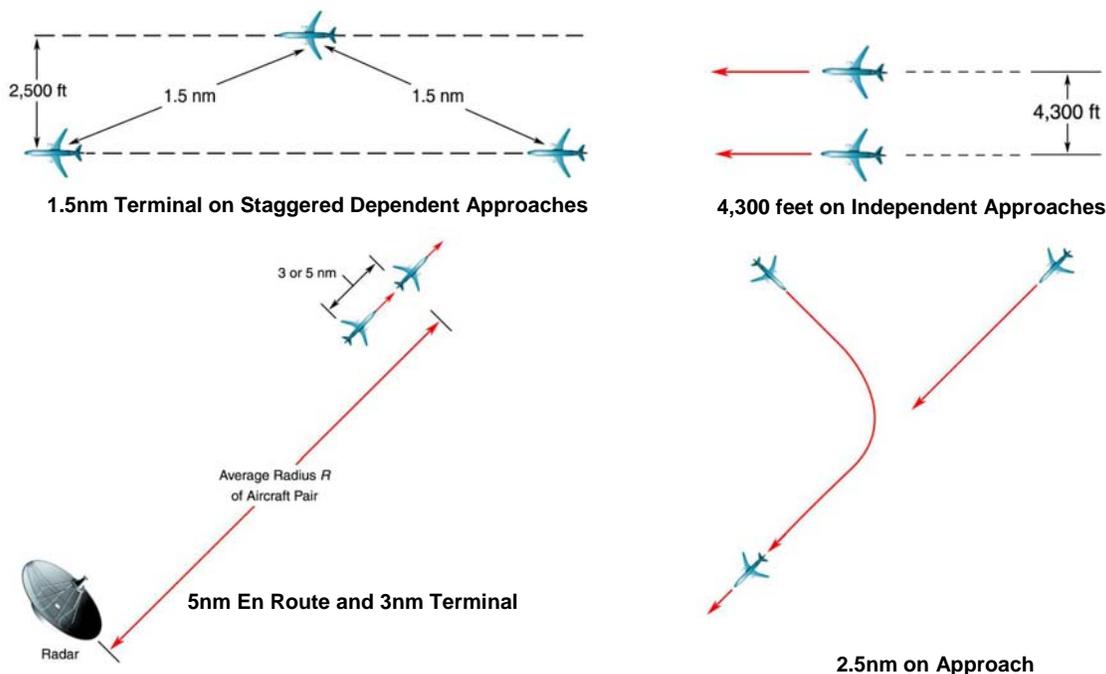
The top layer of bubbles represents the acquisition leg and the plan for acquiring critical and essential services, essential services are the up linking capability (TIS-B, FIS-B) and the critical services are the air traffic control separation services. The bottom layer of bubbles represents the Avionics equipage timeline, and the middle layer represents the work the FAA is doing to ensure that both the Ground Infrastructure and the Avionics Equipage come together at the same time. Vincent pointed out that the NPRM is primarily airspace driven, so it will not have a major impact on the State of Alaska.

The Dual Track Strategy was followed by an update on the acquisition Schedule which provided dates for the deliverables below.

Task:	Date / Status:
Release of Request for Offer (RFO)	March 30, 2007 / Complete
Business and Technical Responses Due	June 4, 2007 / Complete
Cost Proposals Due	June 20, 2007 / Complete
RFO Evaluation Complete (Business, Technical and Cost)	July 5, 2007 / Complete
RFO Final Report Completion	July 20, 2007 / Complete
Final Report Approval	July 27, 2007 / Complete
CIT Review	August 16, 2007
Executive Council Briefing	August 21, 2007
Joint Resource Council (JRC)	August 27, 2007
Contract Award	August 30, 2007

On the subject of Separation Standards Vinny conveyed that building a system that works in the NAS from both an avionics and ground deployment standpoint is the challenge. Modeling diagrams are depicted below.

Separation Standards: Diagrams



Vinny concluded the program update with a status of separation activities, rule making status, ARC Status, program risk status and next steps of the national program office. For detailed information on these subjects see the August Industry Council Power Point located on the Castone website at: www.faa.gov/capstone

AIC/MOA Update – Karen Casanovas

The Agreement Implementation Team (AIC) continues to meet in Anchorage on a bi-weekly basis. The AIC sub groups will have at least one meeting before the September 6th meeting to develop a strategy for each team's contribution to the plan. Karen stressed that if there are individuals out there who feel they can make a positive impact on this process the team would welcome their participation at the team meetings or the AIC meetings. Jim Cieplak and Joe Pearson made a trip to Washington DC in July to share information and educate lawmakers on the group's activities. The meetings were productive and a positive step in moving towards industry and government working together to enhance aviation safety in Alaska through new technologies. Ongoing or completed action items for the AIC are listed as follows.

- **FAA Staff & Executive Level Briefing – 7/18**
- **Congressional Briefings – 7/19**
- **State DOT&PF Commissioner for Aviation – 7/19**
- **Governor's Aviation Advisory Board – 8/2**
- **Signing of Draft Plan – 8/8**
- **Determine Comprehensive List of Airports – ongoing**
- **Ground Deployment Schedule – ongoing**
- **Define Service Volume Areas & Re-evaluate GBTs and Benefit Information – ongoing**

- **Obtain additional signers to the MOA/AIC - ongoing**

Avionics Anomaly Tracking and Resolution – Dan Stapleton

Dan Stapleton who is with the MITRE Corporation gave a presentation which covered the avionics anomaly tracking and resolutions. Regular telephone conferences have been held since May 2003 to discuss and resolve Capstone avionics issues. The issues dealt with operational and maintenance matters, software and hardware upgrades, as well as logistics and installation logistics matters. Participants included the Capstone office; Alaska Region (Aircraft Certification, Flight Standards, and Contracts); the Juneau and Fairbanks Flight Standards District Offices, Capstone avionics manufacturers; The University of Alaska; and the Capstone operators. A number of key issues concerning the Chelton display unit have been resolved through Notices to Airmen (NOTAMS), Service Bulletins, and changes to Aeronautical Radio Incorporated (ARINC) standards, software and hardware upgrades. For a complete list of resolved Chelton issues see the August Industry Council Power Point presentation at the Capstone website.

Unresolved Chelton Problems are listed below.

- **Chelton software upgrade to display Automatic Dependent Surveillance-Broadcast (ADS-B) and Traffic Information Service-Broadcast (TIS-B) tracks and Flight Information Service-Broadcast (FIS-B) weather information**
 - **Key software upgrade progressively delayed since Spring 2005**
 - **Software release (5.0D) was proposed and demonstrated in August 2005 in a University of Alaska C-172 with the ADS-B capability**
 - **New software version targeted (6.0B - to Level A compliance) and certification effort re-started; currently underway**
- **Shadin Outside Air Temperature probes failing**
 - **Unable, so far, to find consistent analysis of failures**

During the discussion about Chelton's failure to release 6.0 Bravo Vinny stated that at this point he would like to suggest that both the FAA and Industry look into finding an alternative for the Chelton Equipment, based on the fact that Chelton has missed repeated deadlines to release their new software version which would display ADS-B, TIS-B, FIS-B and weather information. Industry representatives stated that "while everyone's patience has been worn out by this, some of the operators have made a big investment and virtually torn up their instrument panels on their aircraft to install this equipment. There really is no going back for some of them." After some debate Vinny suggested a panel be formed with the action to look into alternatives and do an alternative analysis from which some formal recommendations can be made to support replacing the Chelton equipment with a working alternative that provides the desired services for providing traffic, weather, etc. on the flight deck displays.

WAAS Update – JoAnn Ford

For the 22 airports the Ground Serving phase has been completed, which is the first phase in the surveys. What is remaining for those 22 airports is the Metric comparison that's required, and the QA survey that the NGS staff does. WAAS upgrades to version

6 and 7 are still on track for DEC of 07 and release of 8 and 9 are scheduled for summer of 08.

Southeast Alaska Update – Jim Wright

Jim explained that up until recently we had a maintenance contract in SE Alaska and ACRO Helipro was helping to maintain that contract. That contract expired August 31st. At which time the FAA's contracting agent put out a bid for a new contract. Those bids have been submitted and the FAA is in the process of reviewing them. The new contract should be awarded in the coming week.

Operational Update – Lari Belise

Lari briefed that a meeting was conducted between FAA and user groups on August 3 to discuss the RNAV route development program. Gary Rolf, AMTI contract support facilitated the meeting. The purpose was to gather input from Alaskan users as to which of the published routes they believed were beneficial and where new routes might be developed.

Lari also briefed that work is beginning to expand the ADS-B surveillance statewide. It will include Cape Romanzof, Cape Newenham, Sparevohn, Tatalina, Unalakleet and Juneau. Anchorage Center has been tasked with developing an implementation plan.

Technical Update – Walter Combs

Walter briefed the following technical information.

- **State Wide**
 - Deployment Initial Service Volumes July 07**
 - Service Volume 6 (ANC-FAI), 11 (OME), and 13 (OTZ)
 - Funding and contracts are in place on 4 of the sites we're working at.
- **Southeast Phase II/Segment One**
 - Ground Stations
 - 7 sites fully operational providing Essential Services.
 - Final acceptance activities at CSP, AGN, WRG, QA5
 - Completion expected August 31, 2007.
 - Initial acceptance activities at QAA, QAY
 - Completion expected October 30, 2007
 - Wide Area Multilateration (WAM)
 - High level functional requirements being developed
 - Site selections complete
 - Site Engineering and Design in progress

Walter added the FAA has started the AWWWS process at 4 sites. Brevik Mission, White Mountain, Larson Bay and ? Jere emphasized that this is what the FAA's current plan shows and we are on schedule with this work.

Round Table

There were no remaining issues brought up at the Round Table discussion.

Conclusion

The meeting was adjourned.