

**ALASKA INDUSTRY COUNCIL MEETING
MINUTES
October 10, 2007**

The Alaska Industry Council met at the Alaska DOT/PF Building on October 10, 2007, at 8:00 a.m.

The following agenda items were presented:

Opening Remarks	Jere Hayslett
Alaska Cost Summary	Jere Hayslett
NPRM	Jere Hayslett
Chelton 6.0 Bravo update	Chelton Flight Systems
Technical Update	Walter Combs
Navigation Services Update	JoAnn Ford
Information Sharing	All
Industry Feedback (Round Table)	All

Opening Remarks – Jere Hayslett

Jere opened the meeting by introducing those on the phone. There was a round table introduction for those in attendance followed by an overview of the agenda.

Alaska Costs Summary

At the September meeting Jere showed the 5 yr budget plan for the State of Alaska. Several people responded by asking for a breakdown of the total amounts planned for the years FY12 – 35. The numbers below depict the total FY 12 – 35 costs.

(Total in Thousands)

Description	Total
Alaska F&E	\$414,932.8
Juneau Multilateration	\$18,017.8
Alaska Comm	\$5,320.9
Alaska AWSS legacy	\$6,069.9
Alaska AWSS Service Provider Costs	\$33,628.4
Alaska Automation/Avionics	\$18,797.3
Alaska Surv Legacy	\$15,392.2
Alaska Surv Service Provider Costs	\$316,854.4
Alaska Route Design	\$851.9
Alaska O&M	\$115,526.9
Total Alaska Costs	\$530,459.7

Although the costs are broken down by line item, the numbers will change as the FAA adjusts plans and completes work, because they were based on estimates as opposed to actual prices for work completed. As the FAA moves over to its service provider (ITT), the initial deployment services will come from the F&E costs; however, over time, those costs will move to the O&M budget due to the fact that these are ongoing costs. For detailed information on these subjects see the September Industry Council power point located on the Capstone website at: www.faa.gov/capstone

NPRM

The Notice of Proposed Rule Making (NPRM) was issued OCT 2nd and listed in the public register on OCT 5th. There is a 90 day comment period. The rule can be viewed online at: <http://www.regulations.gov>

You may send comments identified by Docket Number FAA-2007-29305 using any of the following methods:

- **Federal eRulemaking Portal:** Go to <http://www.regulations.gov> and follow the online instructions for sending your comments electronically.
- **Mail:** Send comments to the Docket Management Facility; U.S. Department of Transportation, 1200 New Jersey Avenue, SE, West Building Ground Floor, Room W12-140, Washington, DC 20590-0001.
- **Hand Delivery or Courier:** Bring comments to the Docket Management Facility in Room W12-140 of the West Building Ground Floor at 1200 New Jersey Avenue, SE, Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.
- **Fax:** Fax comments to the Docket Management Facility at 202-493-2251.
- **For Questions and Clarification to the NPRM in the State of Alaska:** Send written questions to Stacy Portlock at: stacy_ctr.portlock@faa.gov or Jere Hayslett at: jere.hayslett@faa.gov

Chelton 6.0 Bravo Update- Dean Boston

Dean stated that Bob Woods from Chelton Software Certification has been providing the Alaska Capstone Office with 6.0 certification updates for the last several months. The schedule was updated in the middle part of September 07 and there were several items that were identified, thus showing a need for changes or additions through corresponding tests to address issues during system level and software testing. Because of this outcome, the end of the DO178B testing was pushed back to December 4, 2007.

Based on changes in the schedule, the Capstone Contract Office asked Chelton to put together an overall schedule. The schedule will encompass the software activities, the Technical Standard Order (TSO) equipment level activities and the Supplemental Type Certificate (STC) activities. The FAA will approve the installation of the software, and provide a deployment support schedule for once the software is approved. The schedule was developed in chronological order with separate markers for the TSO, STC and Capstone activities.

Under the TSO activities, the TSO system level tests were completed as of October 5th.

- Two of the four Stage of Involvement (SOI) activities are completed for the software.
- SOI three is scheduled for November 20th.
- SOI four, which is the software testing, is scheduled for December 4th.

In order to help the FAA with the review and approval of the TSO software, Chelton is going to submit the entire TSO data package with the exception of the DO178B software documents to the FAA's Aircraft Certification Office in Anchorage on November 16, 2007. This will allow the FAA's Certification Office to start the review of the TSO data package before the software certification is complete, and let them go through the remainder of the data package as it relates to the 6.0B software updates. The final document for the TSO will be submitted on December 7th.

For the STC activities, which include approvals of the installations, the remaining FAA flight tests, and the STC data package update need to be completed. Once the flight test date is confirmed, the completion of the installation of software in the test aircraft will be finished, with the FAA's flight testing happening no later than November 21st.

The instructions for Continued Airworthiness will be submitted to the FAA for coordination with the aircraft evaluation group October 19th. The rest of the documentation for the STC data package is 90% complete and will be submitted to the FAA on November 19th. The FAA then has 30 days by regulation to respond to the final committal, which will close on December 7th. This would make the FAA approval for both the TSO and the STC January 11, 2008. Installation should begin once the TSO and the STC has been approved.

Leonard Kirk is working on completion of the software training program for the Capstone participants. Jere asked Dean Boston and Jimmy Wright what the latest time frame for this installation would be so as to avoid going through another flight season without the updated software. Jimmy and Dean both responded that as long as all the approvals, installation and pilot training, takes place by February 2008 the software should be deployed and ready for use by the 2008 flying season.

Closing remarks on the Chelton subject – Jere Hayslett

Based on Chelton's missed deadlines for delivery of the 6.0 Bravo software, the FAA is looking at a contingency plan which would allow termination of the Chelton contract in the event the schedule for software approval and delivery Chelton has proposed isn't met in time for operators to benefit during the 2008 flying season. The FAA would not execute this plan unless the operators agreed. The goal is to take care of the FAA's customers. As the contract stands now the operators have two options.

1. The operator could purchase the equipment at a depreciated cost as of December 2008.
2. The operator could have the equipment uninstalled and returned to the FAA at no cost to the operator.

With an early termination of the Chelton contract the operator would have the option of keeping the equipment free of charge or returning it. Jere cautioned that at this point the FAA is still evaluating if this proposal is legal, but wanted the industry to be aware that it is an option the FAA is looking into.

Technical Update - Walter Combs

Prior to starting this month's update Walter announced that this would be his last technical update for the SBS office. Walter has accepted a promotion and is moving to the FAA's Weather Cams department. A replacement for Walter has not been chosen as of this time.

Below is a recap of the Technical update.

Joint Acceptance has taken place at Gunnuk Mountain. This has been an ongoing project for 3 years and has been an extremely difficult site to access. The Gunnuk Mountain site makes a total of 13 sites operational in S.E. Alaska. A JAI is scheduled for Sunnahae and High Mountain at this time. Port Alexander is still under consideration based on the results of the coverage analysis being performed in that area.

SBS/Segment I (FY 07-10)

- **Southwest Phase I**
 - 5 Ground Based Transceivers (GBT's) providing critical services
 - 5 GBT's providing essential services
- **Southeast Phase II**
 - Ground Stations
 - Approximately 180 aircraft Capstone equipped
 - 11 sites fully operational providing Essential Services.
 - Joint Acceptance Activities complete for QA5
 - Joint Acceptance Activities scheduled for QAA
 - Initial acceptance activities at QAY
 - Completion expected October 30, 2007
 - Wide Area Multilateration (WAM)
 - System Architecture under development
 - Site selections complete
 - Site Engineering and Design in progress
 - Contract Proposal under review
- **Service Volume 6 (ANC-FAI), 11 (OME), and 13 (OTZ)**
 - Started Deployment of Initial Service Volumes in July 07
 - 23% of the total FAA reported yearly flight hours
 - Engineering started for 5 GBT's (Kotzebue, Nome, Curry, Anchorage, Fairbanks)
 - 4 Automated Weather Sensing Systems (AWSS) (Brevig –Mission, White Mountain, Robert Bob Curtis, Shaktoolik)

WAAS Update – JoAnn Ford

JoAnn's presentation highlighted current LPV approaches and software updates 6 and 7. All Canadian and Mexican WAAS reference stations are online and working quite well.

- **Release 5: complete August 2007**
- **Release 6/7**
 - Increased availability, robustness, etc. (not all-inclusive list) reflected on next color slide #4)
 - WAAS Reference Stations (WRS) Cutover Complete mid Sept-Oct 2007
 - All 4 Canadian and all 5 Mexican WRS operational September 2007
- **Release 8/9: Build 1 planned March 2008; Build 2 August 2008 (slides 5,6,7)**

- Signal quality monitor, performance enhancements (e.g., ionosphere), O&M enhancements (not all-inclusive list)

The remainder of JoAnn's update covered the following topics.

- **Close out of FY07 Administrator's Flight Plan Goals**
- **Current NAS LPV Totals**
- **List of Potential Alaska LPV Approaches**

For detailed information on these subjects and final WAAS configuration and LPV coverage slides, see the September Industry Council power point located on the Capstone website at: www.faa.gov/capstone

AIC Update

Members of the AIC met with the Commissioner of the State Department of Transportation on the 12th of October. Details will be posted on the Airmen's website. The AIC continues to meet bi-weekly and is planning an information sharing trip to Juneau in early November.

Round Table

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

Conclusion

The meeting was adjourned.