Center Weather Service Unit (CWSU) Proposal

Status Update

By: Kevin Johnston

Date: October 2009
FAA Feedback to NWS on Proposal

June 2009 proposal responsive to most of FAA requirements but three concerns need to be addressed before decision to proceed:

• Transition duration, costs and detail about demonstration phase
• Alaska should be organized, trained and equipped in a similar fashion
• Details on the method and technology for remote delivery
FAA Feedback to NWS on Proposal

In August 2009, FAA recommended joint collaborative team to address details required

NWS agreed with approach

Joint Team established in September and will work through November 2009

NWS to submit updated proposal in December 2009 and FAA plans to make a decision in January 2010
FAA Feedback to NWS on Proposal

Team also addressing TRACON requirements and how NWS proposed Collaborative Weather Impact Product proposed by NWS will meet:

- Includes other weather elements beyond convection that impact TFM decisions
- Updated every two hours
- Collaborated with Industry similar to CCFP
- Potential to address other legacy weather products and become first generation of Single Authoritative Source (NextGen concept)
## Minimum Service Criteria

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<tr>
<th>Current Service</th>
<th>Remote As-Is (IOC)</th>
<th>Future State (FOC)</th>
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<tbody>
<tr>
<td>• 21 CWSUs co-located with ARTCCs</td>
<td>• Two remote CWSUs have fully replaced all legacy CONUS CWSUs</td>
<td>• CWIP: CCFP, TRACON forecast Product, and other TBD enhancements</td>
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<td>• Provided 16 hours/day, 7 days/week</td>
<td>• Continuous—provided 24 hours/day, 7 days/week</td>
<td>• Forecast consistency across ARTCCs, TRACONs, and Towers, and across all NWS products &amp; services</td>
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<td>• Multiple, non-standardized weather products</td>
<td>• Products/services includes on-demand briefings, scheduled briefings, CWAs, CCFP, and TRACON forecast</td>
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<tr>
<td>• Inconsistency of forecasts across ARTCCs, across ARTCCs, TRACONS, and Towers, and across products &amp; services</td>
<td>• Forecast consistency across ARTCCs and products &amp; services</td>
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<td>• Performance-based—metrics and targets used to evaluate and improve quality of service</td>
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<td>• Alaska CWSU organized, trained and equipped similar to CONUS CWSU</td>
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Discussion Timeline

Present Findings

FAA Develops Acceptance Criteria
FAA Analyzes Responses
FAA & NWS Conops & Technical Discussions I
FAA & NWS Internal Meetings
FAA & NWS DemVal Discussions II
FAA & NWS Internal Meetings
FAA & NWS Transition Discussions III
FAA & NWS Internal Meetings
FAA & NWS Quality Management Discussions
FAA Finalizes Decision

NWS Delivers Revised Proposal 12/11

NWS Prepares for Discussions