GPS User Support Community Public Interface Control Working Group

ICD-GPS-870A  OCX Data Formats Updates & OCX IA Requirements

April 28, 2011
Roll Call
# GPS User Support Community Team

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<th>Air Force</th>
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<td>Project Officer/GPG</td>
<td>Capt Jeffrey Raedy</td>
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<td>ICD-GPS-870 ICC</td>
<td>Jaime O. Valdivia</td>
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<td>SME</td>
<td>Stephan Hillman</td>
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<td>Cliff Twilley</td>
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No Proprietary, Competition Sensitive, FOUO or Classified Information
• Role Call
• Meeting Logistics
• Rules of Engagement
• Summary of proposed OCX changes
• Review CRM comments and ICD
• Action item review
• Way Forward
• Contact information
Meeting Logistics

- 0800 – Begin Meeting
- 1000 – 15 minute break
- 1200 – Break for lunch
- 1500 – 15 minute break
- 1700 – Adjourn
Rules of Engagement

- Please place your phones on mute when not speaking to minimize background noise
- This ICWG is to discuss the PIRN only
  - Due to time constraints, topics that warrant additional discussion will be side-barred
  - Out-of-scope issues or new requirements (i.e. items not in red-lines/Was-Is) will not be considered for this ICWG
- The scope of this review is RFC-00041 - OCX data formats (Almanac, OA, A-S, and NANU data) and RFC-00045 – IA Requirements
- Minutes will be taken and distributed after Public ICWG review
The document contains a diagram titled "Figure 1: ICD 870 Interface Diagram". The diagram illustrates the flow of data from the "MCS/AMCS" and "SAFB/VAFB" systems to "Internet" and further to "Users" who include "DHS USCG/DOT FAA/Other Civil Users" and "Military GPS User Community". The flow includes automatic NANU notification sent via e-mail and data files via OCX Internet Website and SIPRNet Website.
The following list shows the items that need to be modified in the data formats of this interface:

- **SV Signal Health Status**: The Almanac data needs to show the signal health status for each SV (new civil signals L1C, L2C and L5)
- **SV Constellation Increase**: The PRN definition, Number of records definition, and SVN field will have to be increased
- **GPS III SVs**: The GPS III fleet will have to be accounted for in the OA data format
- **IA Requirements – Data Integrity**
Document Review
Way Forward

- Gain CRM consensus at this ICWG
- Minutes will be distributed
- Concurred changes will be incorporated into ICD-GPS-870, Rev A
- This document will then go through the GPSW CM process
  - GPSW ERB – May, 2011
  - GPSW CCB – July, 2011
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