

GPS User Support Community Public Interface Control Working Group



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

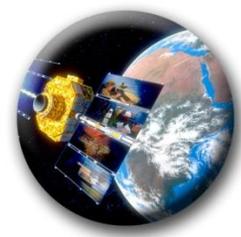


April 28, 2011





Roll Call

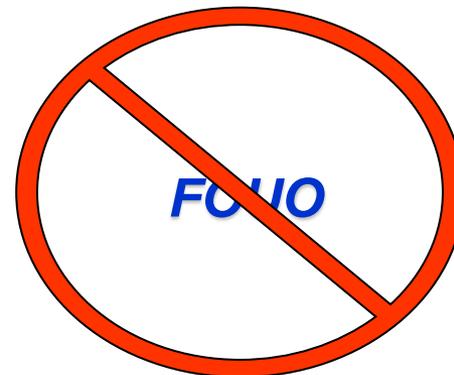


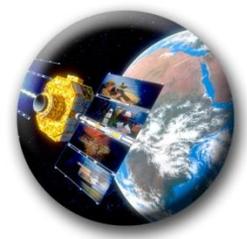
GPS User Support Community Team

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SME	Stephan Hillman
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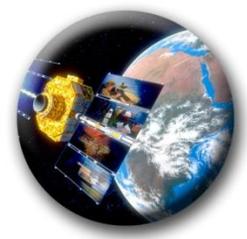
No Proprietary, Competition Sensitive, FOUO or Classified Information





Agenda

- **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**

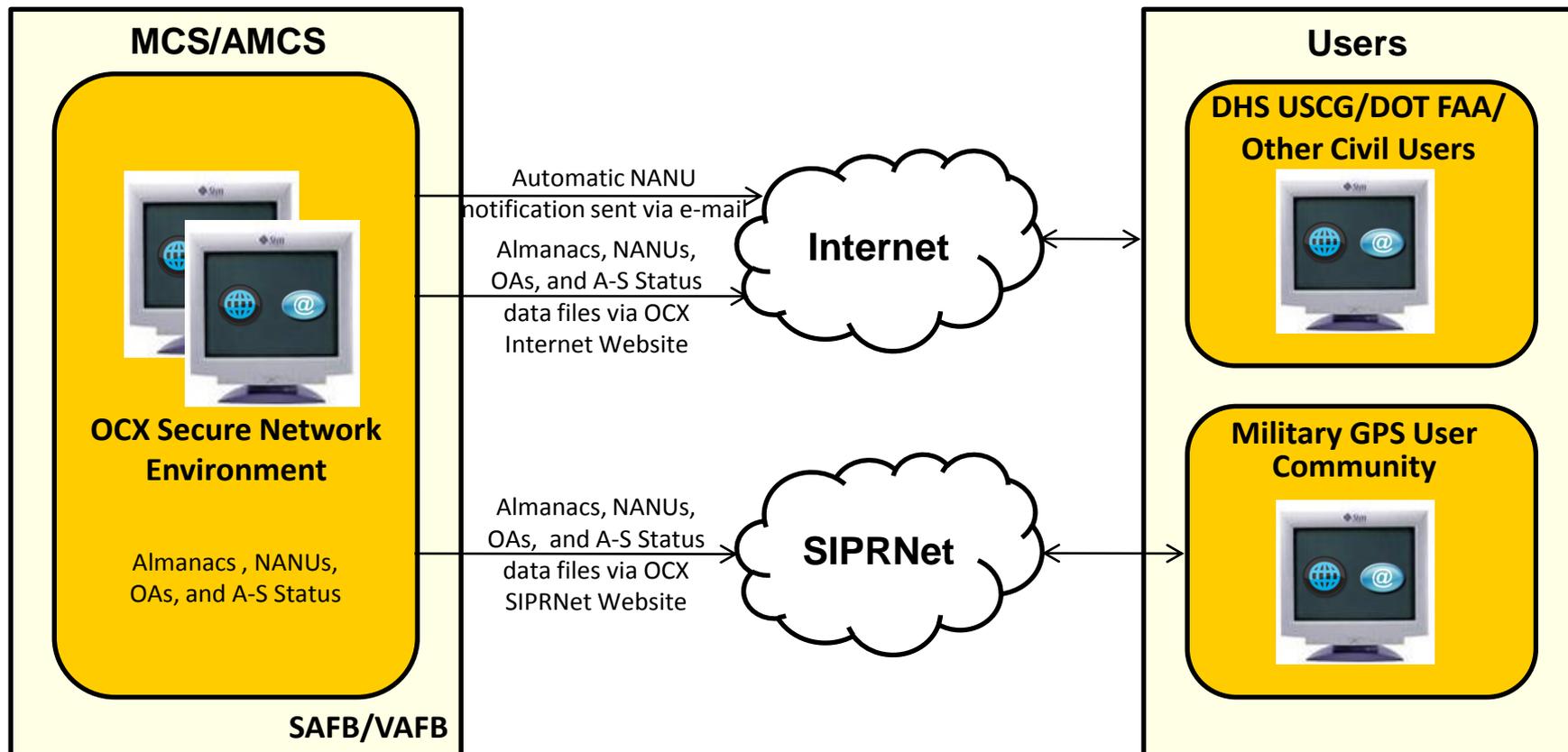


Rules of Engagement

- **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**



Figure 1: ICD 870 Interface Diagram



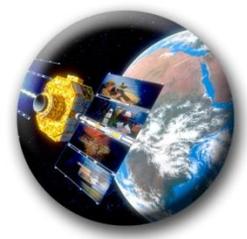


Summary of Proposed OCX Changes

- **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**

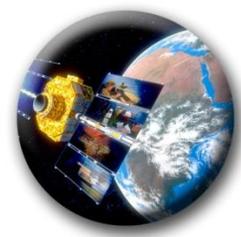


Document Review



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**



Contact Information

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