





Overview



- Policy Review - Mr. M. Shaw
- Constellation Status/
Sustainment - Lt Col J. Oney/
Capt R. Hessin
- Satellite Production - Col J. Armor
- Break--
- SPS Performance - Mr. M. Fryt
- Testing/Problem Reporting - Lt Col M. Rampino
- Question/Answers - Panel



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Policy Review



***Interagency GPS Executive Board (IGEB)**

- . 2nd Coded Civil GPS Signal**
- . GPS Legislation**
- . GPS Modernization**



IGEB Membership



DEFENSE



TRANSPORTATION

AGRICULTURE



STATE

COMMERCE



INTERIOR

JOINT CHIEFS OF STAFF



NASA



Interagency GPS
Executive Board (IGEB)



1. **Charter completed - February 22, 1997**

2. **IGEB Functions**

- Review status and plans
- Approve dual use management policies
- Resolve interdepartmental issues
- Prepare status reports for President
- Consult with US/foreign gov't and US industry



Interagency GPS
Executive Board (IGEB)



- **First Meeting - March 28, 1997**

- Finalize 1996 Federal Radionavigation Plan (FRP)
- Implementing Gore Commission recommendations
- Second coded civil signal
- Negotiate bilateral agreement with Japan
- Coordinate activities on GPS interference modeling
- Membership of Department of Justice

- **Next Meeting - Mid October**



Policy Review



- **Interagency GPS Executive Board (IGEB)**
 - ➔ **2nd Coded Civil GPS Signal**
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Second/Codeless/Civil GPS Signal



Background

- **Importance of dual frequency measurements**
- **DoD recognizes Codeless dual frequency use**
- **Spectrum is a valued commodity**
- **Safety-of-life applications requires international spectrum allocations**
- **Backwards compatibility**
- **Public Safety and signal in space robustness**



Second Coded Civil GPS Signal



Agreements

- To identify the frequency of a second coded civil GPS signal and a plan by March 98
- Not reduce the current P/Y signal strength or the P/Y signal structure prior to second civil signal available
- L2 is not part of the Standard Positioning Service
- DOT is responsible for funding the second civil signal
- DoD will investigate the development of an enhanced exclusive military capability
- Jointly work to obtain the frequency allocations and clearances to protect both military/civil GPS signals



GPS Legislative Effort



- **1998 Defense Authorization Bill (in conference)**
- **Sec 1064 Sustainment and Operation of GPS**
- **Legislation reiterates Presidential GPS Policy**
 - DoD will sustain and operate GPS
 - A military/civil dual-use, dual service system
 - No direct user fees
 - Promotes International Cooperation



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GPS Legislative Effort



- **Report to Congress on:**

- Operations status
- Capability of the system to satisfy military/civil requirements
- Continued use of Selective Availability
- Status of International Cooperation

- **Biennial report beginning end of FY 1998**



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GPS Modernization



- **DoD developing optimum GPS sustainment and acquisition strategy**
- **Civil Gov't representatives active participants**
- **Civil inputs to be included in GPS Modernization requirements and plans**
- **GPS remains dual use/dual service**



Summary



- **DoD remains committed to maintaining the delicate balance of GPS**

- Global security
 - Public safety
 - Economic security
 - Scientific interests

The Challenge