

Special Meeting of ICG WG-B

“GNSS User Positioning Integrity”

8th March 2010, Munich

Background

- ICG established in 2005:
 - GNSS service providers
 - International and national organizations involved with the use of GNSS
- Objective of ICG is to promote the use and application of GNSS in a global basis
- ICG Executive Secretariat: UN OOSA.
- Providers' Forum formed in 2007
- ICG: 4 Working Groups.

<http://www.unoosa.org/oosa/en/SAP/gnss/icg.html>

ICG Working Groups

- WGA: Compatibility and Interoperability
- WGB: Enhancement of GNSS Services Performance
- WGC: Information Dissemination and Capacity Building
- WGD: Interaction with National and Regional Authorities

WGB

- WG-B assists the ICG and Providers' Forum on actions to promote and coordinate activities aimed at enhancing GNSS performance, recommending system enhancements and meeting future user needs.
- Co-chair by India and the European Space Agency

WGB Workplan: Current Topics

- B1: Multipath
- B2: In-Door Navigation
- B3: User Position Integrity

Other topics may be added as the advancement on GNSS applications progresses.

WGB Special Meeting

- Devoted to the issue of User Position Integrity and its impact on interoperability.
- Report of this meeting will be provided to the ICG Plenary and Providers Forum to assist in their deliberations.

Agenda (a.m)

09:30	Registration	
10:00	Welcome and Introduction	R.Lucas, ESA
10:15	Challenges of Providing Integrity in Future GNSS	Igor Mozharov TSNIIMASH
10:45	Wishes for interoperable GNSS Integrity Systems from a Users Point of View	H.Trautenberg, EADS Astrium
11:15	Interoperability for Liability Critical Applications	M.Azaola, GMV
11:45	<i>Break</i>	
12:00	Assessment of Combined Integrity Algorithms	C.Stoeber, UFAF
12:30	Multi constellation Regional System (MRS) - A step towards Multi constellation Interoperability	H.Delfour/D.Lekaim, THALESALENIASPACE
13:00-14:30	<i>Lunch Break</i>	

Agenda (p.m)



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|-------------|---|---|
| 14:30-15:00 | Multi-Constellation Augmentation Service System (MASS): Primary Results of Wide Area Real-Time Differential GPS Prototype System in China | Ass. Prof. H.Zhang,
Wuhan University |
| 15:00-15:30 | Current Status and Future Development of Russian System of Differential Corrections and Monitoring | Grigory Stupak, RNIKP
(TBC) |
| 15:30-16:00 | Aviation Considerations for Dual Frequency and Multi-Constellation SBAS | Leo Eldredge, FAA |
| 16:00-16:15 | <i>Break</i> | |
| 16:15-16:30 | "Application of GPS/GLONASS Receivers in Survey Services" | V.Tyubalin, RNIKP |
| 16:30-17:00 | "Multi-constellation interoperability and Technical solutions of Wide-area Precise Positioning" | Mr.H.Chu, BGIC |
| 17:00-17:40 | Discussion on Preliminary Conclusions of the Workshop | |
| 17:40-18:00 | General Discussion on WG-B Work Plan | |
| 18:00 | <i>End of the Workshop</i> | |