



International Committee on  
Global Navigation Satellite Systems

# **UN/Nepal Workshop on GNSS Application**

## **GNSS Spectrum Protection and Interference Detection and Mitigation**

**Day 2**

**13-14 December 2016**

# Day 1 Recap

- Introduction to GNSS
  - History
  - How it works
  - Signals
  - Interference
- Spectrum Management
  - What is it
  - Role of the ITU
  - National Spectrum Agencies
  - Frequency Band Emissions and Interference
  - Jammers
- Q & A Session



# Session Agenda: Day 2

**Wednesday, 14 December 2016**

**08:30 – 12:05 Session 6 – Seminar on GNSS Spectrum Protection and Interference Detection and Mitigation (continues)**

08:30 Introduction, *Jeffrey AUERBACH, United States of America*

08:40 Interactive Discussion: What Was Learned; What Is Needed, *David CHOI, United States of America*

## **IV. Spectrum Protection**

09:10 What is Meant by Spectrum "Protection", *Dominic HAYES, European Commission*

09:30 ITU Role in Interference Enforcement, *Dominic HAYES, European Commission*

09:45 ICG Activities and its Role in Spectrum Protection and Interference Detection and Mitigation, *Jeffrey AUERBACH, United States of America*

10:00 The Ultra-Wide Band Example and a Place to Start, *David CHOI, United States of America*

10:15 – 10:30 *Coffee Break*



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## **V. Interference Detection and Mitigation**

- 10:30 Proliferation of GNSS Jammer Devices, *Frank CLARK, United States of America*
- 10:45 Interference Detection Concepts, *Takahiro MITOME, Japan*
- 11:05 Interference Detection and Mitigation and GNSS Jammers, *Jeffrey AUERBACH, United States of America*
- 11:25 Canadian and Australian Legal Sanctions, *Jeffrey AUERBACH, United States of America*

## **VI. Summary/Interactive discussions**

- 11:40 Summary and Q&A Session, *All Workshop Participants*
- 12:05 End of Session
- 12:05 – 13:05 *Lunch Break*

