

# ICG Workshop on GNSS Spectrum Protection and Interference Detection and Mitigation

Vienna, Austria 10 June 2015

## AGENDA

**Wednesday, 10 June.** Location: Vienna International Center Bldg C, Room IV

### 0930 Introduction

- 1) Opening Remarks
- 2) Approval of the Agenda

### 0945 Update from current Providers

- 1) Discussion of recommendation/outcomes from previous Workshop:
  - a. Additional discussion on **unintentional interference levels**: *Are existing limits on spurious emissions in the RNSS bands sufficient to protect GNSS reception*
  - b. Can **standards for Crowd Sourcing interference detection** techniques be developed and cost-effectively implemented by mobile telecom service providers?
  - c. **GNSS as International Critical Infrastructure**  
*GNSS providers should study the issue of critical infrastructure and the importance of GNSS service to national critical infrastructure.*
  - d. **Adjacent Band Compatibility Assessment** updates
  - e. Status update on the recommendations from ICG-9

### 1100 Break

### 1115 Interference Detection and Geo-Location Capabilities

**Exelis:** "Signal Sentry 1000" real time GPS interference detection and geo-location

**Interference Analysis:** *Practical aspects of the evaluation of interference environment in the GNSS frequency bands. The analysis of the spatial distribution of emissions in the frequency bands of GNSS* Stanislav Kizima, Russian Federation

### 1230 Lunch

## **1330 New Discussion**

- 1) **Back-up systems:** Is a backup practical?
  - a. *Will it be used?*
  - b. *Will governments mandate backup carriage?*
  - c. *E-Loran in the UK/Korea*
  - d. *Status of Complementary PNT in U.S.*

## **2) Spoofing**

- a. *Spoofing avoidance vs authentication*

## **1500 Break**

## **1515 Workshop views and recommendations**

- 1) Discuss potential new recommendations for WG-A consideration
- 2) Discussion of Workshop benefits
- 3) Next Steps
  - a) ICG Secretariat IDM Workshops
  - b) Location for next IDM workshop
    - a. Vienna ICG International meeting Dec 2015.
    - b. 2016?

## **4) Adjourn**