

ICG Workshop on GNSS Spectrum Protection and Interference Detection and Mitigation

Geneva, Switzerland 14-15 July 2014

DRAFT AGENDA

DAY 1: Monday, 14 July Location: ITU HQ, Room E

0930 Introduction

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

0945 GNSS Providers Update and Discussion

- 1) Updates on IDM from Providers
 - a. U.S. Update *TBD (U.S.)*
 - b. Other Providers *TBD*
- 2) Discussion: Outcome from previous Workshop: **GNSS as International Critical Infrastructure**
GNSS providers should study the issue of critical infrastructure and the importance of GNSS service to national critical infrastructure. Questions to address could include:
 - i. *Is GNSS itself critical infrastructure or does it provide services that enable other sectors of critical infrastructure?*
 - ii. *Is there such thing as international critical infrastructure?*

1100 Break

1115 Radionavigation Satellite Service (RNSS) Spectrum Protection

- 1) U.S. update on Adjacent Band Compatibility Study *TBD (U.S.)*
- 2) Discussion: Standardization of laws regarding interference and use of interference devices

1230 Lunch

1330 Concepts for IDM

- 1) EU Presentation on DETECTOR Project

Mark Dumville (NSL)

- 2) Crowd sourcing concepts and techniques used for interference detection

Tom Stansell

- 3) Experimental grid radio monitoring network for low power spectrum monitoring

LIU Zhijian

- 4) Technology of radio interference and ionospheric scintillation monitoring

*ZHEN
Weimin*

1500 Break

1515 Users Perspective

- 1) User views on IDM

TBD

DAY 2: Tuesday, 15 July Location: ITU HQ, Room E

0930 IDM Reporting

- 1) Discussion: Establishing routine communications among the centers
- 2) Concepts for developing a common IDM reporting standard
- 3) Develop a common set of information to be reported to GNSS civil service centers
 - a. Possible Presentation: Common process between provider operations centers for inquiries and reports

TBD

1100 Break

1115 IDM Task Force Work Plan

1) Review status of ICG-8 recommendation 3.2: **GNSS Interference Detection Reporting Procedures**

Working Group A should form a Task Force on GNSS Interference Detection reporting procedures and system development

- *Initially, the task force will focus on developing a common set of information to be reported to GNSS civil service centers*
- *Next, the task force will focus on establishing routine communications among the centers*
- *Finally the task force will develop guidelines for common capabilities to be considered in the development of future national IDM networks*

2) Opportunities for further international collaboration and cooperation

1230 Lunch

1330 Workshop Views and Recommendations

- 1) Views and recommendations for future actions
- 2) Discussion of Workshop benefits
- 3) Next Steps
 - a) Future Workshops
 - b) Other meetings
- 4) Adjourn