

ICG Workshop on GNSS Spectrum Protection and Interference Detection and Mitigation

UN International Centre
Conference Room M-7
Vienna, Austria
07-08 June 2012

FINAL AGENDA

DAY 1: Thursday, 07 June

0930 Introduction

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

0945 Update from current Providers

Share concepts of current and proposed methods of addressing IDM

- 1) U.S. Update

Rick Hamilton (U.S.)

- 2) U.S. plans for Alternate PNT (APNT)

Jeff Auerbach (U.S.)

1100 Break

1115 Sources of interference

- 1) Types of interference sources affecting GNSS
 - a) Discussion
- 2) Development of a common set of interference and terminology definitions
 - a) Discussion

1215 Lunch

1330 Radionavigation Satellite Service (RNSS) Spectrum Protection Overview

Focus on existing RNSS spectrum management regime relevant to GNSS interference and spectrum protection

- 1) U.S. Review of domestic spectrum protection laws and regulations related to GNSS

Emil Cherian (U.S. FCC by teleconference)

- 2) Review of the International Telecommunications Union (ITU) provisions for global navigation satellite systems (GNSS) spectrum protection

Attila Matas (ITU)

- 3) Japan Spectrum Protection Overview

Yoshiaki SATO (Japan)

- 4) E.U. Spectrum Protection

Dominic Hayes (UK)

DAY 2: Friday, 08 June

0930 Current and future information sharing, dissemination, collaboration and standardization

Identify opportunities for international collaboration/cooperation

- 1) Discussion about the framework for multi-GNSS IDM sharing, dissemination, collaboration and standardization

- a) Research and Development of GNSS IDM and Suggestions for Sharing, Dissemination and Standardization of Interference Information

ZHEN Weimin (China)

- b) U.S. and International Collaboration

Hank Skalski (U.S.)

- 2) Discussion about future collaboration ideas

1115 Case Studies

Discussion of relevant interference events and lessons learned based on actual experiences

1) Case studies of events and resolution

a) U.S. Presentation

Tom Powell/Mike Jeffries (U.S.)

2) Comments by ITU Radiocommunication Bureau (ITU-R) Director

Mr. François Rancy (ITU)

1230 Lunch

1400 Concepts and Techniques for Interference Detection

Discussion of concepts and techniques used for interference detection and monitoring, and possible future collaboration

1) Update on UK Sentinel System

Andy Proctor (Chronos - UK)

1530 Workshop views and potential actions/recommendations

1) Views and recommendations for future actions

2) Discussion of Workshop benefits

3) Next Steps

a) Future Workshops

b) Other meetings

4) Adjourn