



51th Meeting Of The
Civil GPS Service Interface Committee
At The
Institute Of Navigation GNSS 2011 Conference
Portland Convention Center
19-20 September 2011



Monday, 19 September, 2011

08:15 Registration

Morning Concurrent Sessions:

09:00-1230 International Information Session – *John Wilde, Chair, IISC*

0900: (1) Welcome remarks: *John Wilde, Chair, CGSIC International Information Subcommittee*

09:15 (2) Performance Based Navigation Update – Asia Pacific – *Mr. Ian Mallett, CASA, Australia*

09:45 (3) GLONASS Update – *Dr. Sergey Revnivkykh, Deputy Director General Roscosmos' Central Research Institute and Ekaterina Oleynik Information Service & International Relations Roscosmos' Central Research Institute*

10:15 (4) Current GNSS Activities in Japan – *Mr. Hiroshi Nishiguchi, Japan GPS Council*

10:45 (5) The UK Space Agency: An Update – *Professor Terry Moore, Director of the Nottingham Geospatial Institute*

11:15 (6) 3D Nautical Charts : Cognitive Off-Loading Using an Egocentric Presentation Model – *Dr. Thomas Porathe, Assistant Professor, Maritime Human Factors, Malardalen University/Chalmers University of Technology, Sweden*

11:45 (7) GNSS Information System for Europe (GISE) – *John Wilde, CEO DW International*

12:15 Q&A

12:30 Session End

=====

09:00-1230 U.S. States and Local Government Session – *Rudy Persaud, Federal Highway Administration, Chair USS&LGSC*

09:00 Welcome Remarks – *CAPT Frank Parker, Commanding Officer NAVCEN, Deputy Chair CGSIC*

09:05 (8) Introductions – *Rudy Persaud, Chair, U. S. States and Local Government Subcommittee of the Civil GPS Service Interface Committee*

09:15 (9) Civil PNT Policy and Utility – Timothy Klein, NDGPS Coordinator and Senior Policy Advisor, USDOT/RITA

09:40 (10) Technology Efforts for Asset Management Integration – Laura Wipper, Oregon DOT

10:05 (11) Real Time Change Detection Using Laser Scanning and GNSS Real-time Networks - Michael J. Olsen, Assistant Professor, School of Civil and Construction Engineering, Oregon State University

10:30 to 10: 45 a.m. Break

10:45 (12) Oregon Real- Time GPS Network Update – Ken Bays, Oregon DOT

11:10 (13) Establishing and Using a Real Time Network in Eastern Washington – James McLefresh, Spokane County

11:35 (14) Multimodal GNSS at Washington State Department of Transportation - Kurt Iverson, Washington State DOT

12:00 (15) Inertially-aided post-processed kinematic GPS for Nautical Charting Surveys – Jon Dasler, P.E., P.L.S. Vice President, Director of Marine Services - David Evans and Associates, Inc.

12:25 Discussion

12:30 p.m. Meeting Adjourn

=====

Afternoon Concurrent Sessions:

14:00-1730 Timing Session – *Dr. Włodzimierz Lewandowski, BIPM, Chair*
Co-Chair: Victor Zhang, NIST

14:00 (16) Introduction – *Włodzimierz Lewandowski, BIPM*

14:20 (17) Report from NIST – *Victor Zhang, NIST*

14:40 (18) Report from USNO – *Demetrios Matsakis, USNO*

15:00 (19) Current activities of ITU-R WP7A – *Ron Beard, NRL*

15:20 Break

15:40 (Not posted) Impact of Light Squared signal to timing applications – *Jeffry Prillaman, USNO*

16:00 (20) Leap Second in digital networks – *Judah Levine, NIST*

16:20 (21a) (21b) Metrologia Special Edition on Modern Time Scales – *Felicitas Arias and Włodzimierz Lewandowski, BIPM*

16:40 (Not posted) Time and Navigation Exhibition at the Smithsonian: Coming Soon –
Carlene E. Stephens, National Museum of American History

17:00 Discussion

17:30 Session End

=====

14:00-1730 (22) Surveying, Mapping, and Geosciences Session- *Giovanni Sella, NOAA-National Geodetic Survey, Chair*

Release of revised CORS coordinates, OPUS updates, Passive Control Readjustments –
Giovanni Sella

(23) Antenna Calibrations at NGS with Emphasis on Absolute Antenna Calibrations –
Andria Bilich, NOAA-NGS

(24) Forum on issues pertaining to CORS

17:30 Session End

Tuesday, 20 September 2011

08:00 Registration

CGSIC Plenary Session

09:00 Welcome/ Opening – *Karen VanDyke, Department of Transportation RITA, Chair, CGSIC*

09:05 Meeting Overview – *CAPT Frank Parker, Commanding Officer NAVCEN, Deputy Chair*

09:10 Key Note Address – *Peter H. Appel, Administrator, U.S. Department of Transportation Research and Innovative Technology Administration (RITA)*

09:30 (25) U.S. National Space-Based PNT Update – *Tony Russo, Director, U.S. National Coordination Office for Space Based PNT*

09:50 (26) GPS Program Update – *Col. Bernard Gruber, Director, U.S. Air Force GPS Directorate*

10:10 (27) GPS Constellation Status and Performance – *LtCol Jennifer Grant, Commanding Officer, U.S. Air Force Second Space Operations Squadron*

10:30 Break

10:45 (28) GPS International Activities – *Ray Clore, Senior GPS Advisor, U.S. Department of State, Office of Space and Advanced Technology*

11:10 (29) U. S. Interference Detection & Mitigation Plan (IDM) – *John Merrill, PNT Program*

11:35 Q/A Panel

12:00 – 13:30 Lunch

13:30 Subcommittee Reports

(30) Report from International Information Subcommittee - John Wilde, DW International

(31) Report from Timing Subcommittee - Dr. Wlodzimierz Lewandowski, BIPM

(32) Report from U.S. States and Local Government Subcommittee - Rudy Persaud, FHWA

(33) Report from Surveying, Mapping, and Geosciences Subcommittee – Giovanni Sella, NGS

**14:10 (34) WAAS and LAAS Program Status – Leo Eldredge, GNSS Program Manager,
Federal Aviation Administration, U.S. Department of Transportation**

14:30 (35) NDGPS Program Update – Timothy Klein, U.S. Department of Transportation, RITA

14:50 (36a) (36b) User Support Forum

15:10 (Not posted) Light Squared GPS Interference Test Results

15:30 Break

**15:50 (37) GPS User Perspective: "United We Stand, Divided We Fall, And If Our Backs Should
Ever Be Against The Wall." – Alan Cameron, Editor in Chief, GPS World Magazine **Break****

**16:10 (38) Change Management Process for the Public Signals In Space Document – Capt
Neil Petersen, Chief, Engineering Requirements Branch, U.S. Air Force GPS Directorate**

Q/A Panel (Presenters)

17:30 Adjourn