



IGS Update Report

GGOS Working Group for Ground Networks and
Communications Meeting

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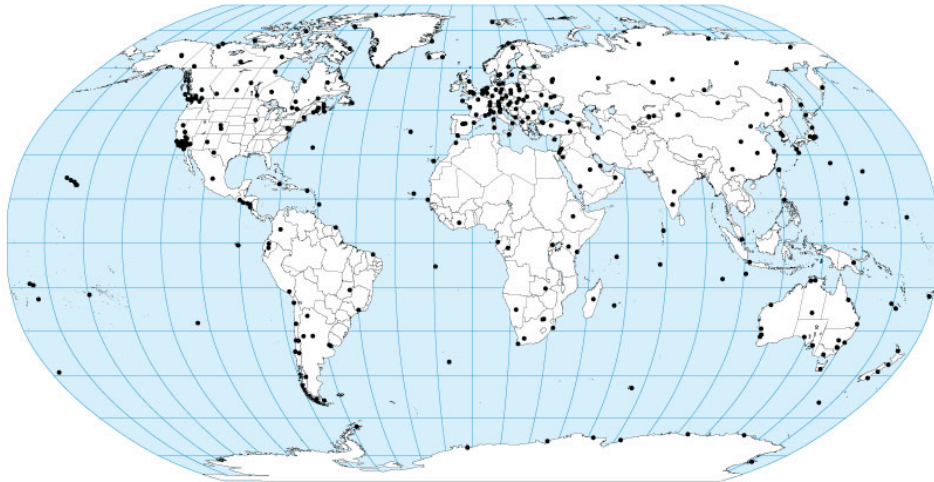


General

- Reference frame coordination passing from NRCan to IGN on Feb. 2010
- Next IGS Workshop – June 2010 at U. Newcastle
- Governing Board election – results pending
- 2010 Strategic Implementation Plan in progress



Network and Infrastructure



Core Stations	420
- Global Stations (ITRF 2005)	75
- VLBI Co-located	25
- SLR Co-located	37
- Doris Co-located	55
Project Stations or Experimental Capabilities	
- Timing stations	80
- Reprocessing campaign 2003-2007	667
- Tide Gauge Co-located	103
- Multi GNSS (GLONASS)	110
- Real-time	120

- 5 stations added to network since April meeting
- Decay of reference frame stations is concern
 - Revisions to Site Guidelines to help mitigate this are being evaluated
- Real time network continues to expand
- GLONASS stations desperately needed to support GLONASS orbit product generation
- IGS web site redesign in progress

<http://www.igs.org/network/netindex.html>



Analysis

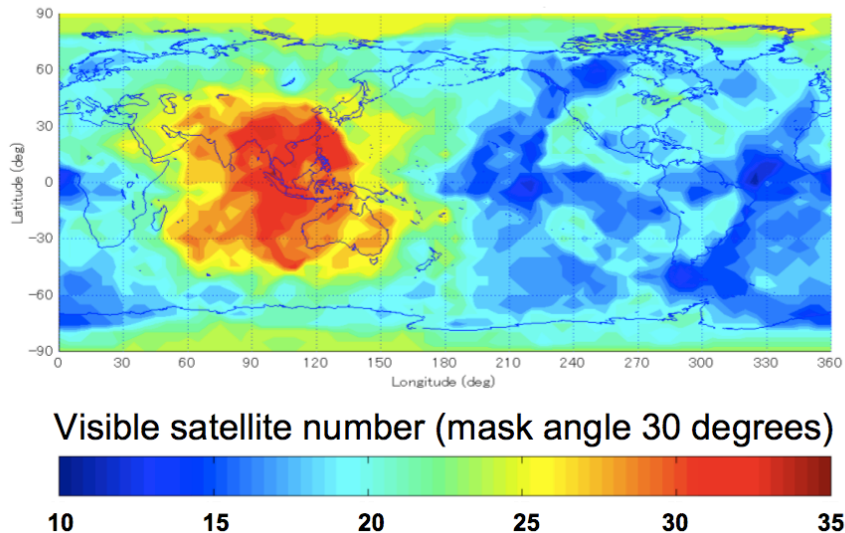
- Reprocessing campaign
 - Weekly solutions currently being combined
- IGS08 anticipated mid 2010
- Calls for next-generation IGS combination system & for next Analysis Center Coordinator circulated in August



Asia Oceania Multi GNSS Campaign



- GPS+GLONASS+Galileo+COMPASS+IRNSS+QZSS



Objectives:

- Demonstrate feasibility and benefits of multi GNSS applications
- Encourage use of GNSS in region

- Planning Workshop January 25-26, 2010 - Bangkok
- 2010-2011 Establish multi GNSS network
- 2011-2013 Experiment begins with QZSS and GPS, other constellations as available
- Project web site
 - <http://multignss.asia/workshop.html>
- Coordinated by JAXA
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