



International Committee on  
Global Navigation Satellite Systems

# ICG Working Group A

---

## International GNSS Monitoring and Assessment (IGMA) TF Report

**10 Nov 2014 @ ICG-9**



ICG International Committee on  
Global Navigation Satellite Systems

# 1. Review of Discussion on ICG-8

- *Redefined the current IGMA joint sub-group of WG-A, B & D as an ICG Task Force. Their task will be to:*
  - *Determine Service Parameters to Monitor - definition and methodology to be coordinated with WG-A Compatibility sub group study*
  - *Determine what gaps exist in current and planned monitoring and assessment*
  - *Consider organizing a workshop on IGMA parameters, services and methodologies*
- **Collected proposals**
  - from IGS, China, Japan, US and Russian etc.



## 2. Progress and Activities after ICG-8

- *One planning meeting and Two TF meetings were held*
  - *March 26, 2014 via GotoMeeting connecting Germany, China, and US.*
  - *June 26, 2014@Pasadena*
    - *in conjunction with IGS Workshop 2014*
    - *20 people participated*
    - *One candidate recommendation to have IGMA Workshop in 2015 was discussed.*
  - *July 16, 2014@Geneva*
    - *27 people participated including remote attendees from China and US*
    - *Two presentation from Russian Federation and one from China.*
    - *One draft recommendation proposed by China*
    - *One similar recommendation by Russia on July 17*



## 2. Progress and Activities after ICG-8

- *Main issue was to define proposed parameters list and pile up into the matrices which categorize and discriminate parameters depending on the followings;*
  - *Purposes and who are using or will use them*
    - *China proposed to do by the Users concerns or System providers concerns.*
  - *Existing service or not*
    - *IGS is providing observation data as well as wide variety of products.*
  - *Who are monitoring.*
    - *Russia proposed to categorize them by mean of monitoring, independent provider's ground control system or jointly monitored by international system.*



## 2. Progress and Activities after ICG-8

- *WG-A Intersessional meeting decided*
  - *form a Joint recommendation by merging proposals from China and Russia*
    - Setup ICG Open Service Monitoring Information Portal
    - existing monitoring service centers for GNSS open services establish a link to the ICG portal
- *IGMA Workshop in 2015* to discuss following items among potential users and service providers.
  - Goal and its purpose
  - Parameters to be monitored using the prepared "Matrices" by TF
  - ICG information portal
  - others



## 3. Next Step

- *Pile up the parameters list into matrices*
  - to be completed until the WS, then reviewed by user community and system providers in the Workshop
- *Prepare the IGMA Workshop Topic:*
  - *Parameters matrices*
  - *ICG Open service monitoring information portal*
  - *Infrastructure and methodology*
  - Time and location(China would like to host the Workshop conjunction with CSNC 2015, in Xi'an,May 2015
  - *Invited IGMA members,GNSS Providers,SBAS Operators,International network operators,Commercial service operators, User community representatives*
- *One additional TF meeting or teleconference needed before the IGMA Workshop.*

