**FDSN Working group I Station Siting and Instrumentation**

**June 28, 2015 12:00-13:30**

Room 3.1 of Prague Congress Centre, Prague, Czech Republic

Attendants: Tim Ahern (IRIS), Kent Anderson (IRIS), Bruce Beaudoin (PASSCAL), Mark Chadwick (GNS Science, NZ), John Clinton (ETHZ), Peter Davis (UCSD), Paul Earle (USGS), Huang Win Gee (IES), Michelle Grobbelaar (Council for Geoscience), Katrin Hafner (IRIS), Winfried Hanka (GFZ), Nikolas Horn (ZAMG), Elena Kozlovskaya (NFSN/Finland), Johannes Schweitzer (NORSAR), Reinoud Sleeman (ORFEUS), Angelo Strollo (GFZ/GEOFON), Eleonore Stutzmann (GEOSCOPE), Chad Trabant (IRIS), Martin Vallee (GEOSCOPE), Ludek Vecsey (IG-ASCR), Peter Voss (GEUS), Jan Zednik (IG-ASCR), Seiji Tsuboi (JAMSTEC)

1. **Approval of minutes for 2013 meeting**

Minutes of 2013 meeting were approved as was posted on the FDSN web site.

1. **Updates of FDSN station inventory**

To use StationXML for future updates of FDSN station inventory was confirmed. The chair apologized that he had sent conventional Excel spread sheet for updates this time again. The current spreadsheet still contains station information, which is not reflected in the Station XML. To keep the historical information in the inventory, WG1 recommends the member networks use StationXML for maintenance of their station information. It was decided that WG1 gradually uses StationXML to update FDSN station inventory.

1. **FDSN backbone network**

After the discussion in the last meeting, proposed backbone station has been included in the FDSN backbone stations. The number of backbone stations is now 200 and the proposal for nomination of backbone stations should be submitted to the WG-1 mailing-list. To increase the number of backbone stations, it was accepted that geographical location, availability of data, and quality of data should be considered. Status of proposed backbone station should be changed to backbone in the federation station inventory. It was discussed that the definition of backbone station may be updated in the future.

1. **Station book**

It was pointed out that the current FDSN Station book was too old and update mechanism of Station book was discussed. WG-1 should propose a list of modifications to be made on Station XML to include necessary information to update Station book. It was accepted that all the station maintained by Station XML can be used to update Station book.

1. **Instrumentation**

IRIS GSN is trying to set up a standard for GSN station instrumentation. This document may be linked to WG-1 web page for references.

1. **OBS inventory**

It was discussed if OBS stations should be include in the FDSN station inventory. Considering that portable stations had not been included in the inventory, it was agreed that cabled permanent OBS stations may be included in the FDSN station inventory. WG-1 should ask these cabled OBS networks to provide their station information.