



**International Federation of Digital Seismograph Networks**

# Working Group II

WG II Meeting

IAGA/IASPEI 2021, India (online)



## Agenda

- Status of 2019 Action Items
- Recommendation about Metadata for legacy data (Tim Ahern)
- GNSS data integration into seismological standard workflows (Angelo Strollo)
- Proposal for miniSEED3 (Chad Trabant)
- Next steps for the presented proposals and on-going tasks (e.g. StationXML roadmap)



## Status of Previous Action Items 1/5

Working Group II Action Items, July 2019 – IUGG Montreal, Canada

**Action Item:** The invitation to review the IRIS NGF (miniSEED 3) implementation will be extended to the whole working group via the mailing list. IRIS anticipates submitting the specification to the WG as a proposal within the next year.

**Responsible:** IRIS

**Status:** Complete. Announced some days ago in the Mailing list. This follows the discussions held during the last 3 years. Most of the requirements have been already be collected. Now, phase of technical evaluation. See presentation in this Meeting.



## Status of Previous Action Items 2/5

**Action Item:** John Clinton presents his Proposal for [Decision Taking](#) within WG2 but also for other WGs. 1: proposal, 2: evaluation and adoption. Quinteros, Carter, Trabant, Clinton, Danecek will form a Core Team to reword the proposal, announce to WG2/3 and propose to Montreal Closing.

**Responsible:** John Clinton

**Status:** Complete. Presented in the Closing Plenary and approved. WG2 has adopted it.



## **Status of Previous Action Items 3/5**

**Action Item:** [StationXML](#)-Call for general ideas for further development, with a duration of 3 months. A subgroup will review all comments and do a proposal. Will follow decision taking protocol if accepted.

**Responsible:** WG Chair

**Status:** In progress/quite advanced. Documentation for StationXML is available (Thanks IRIS/ORFEUS). A Call for suggestions/discussion sent to the Mailing List. Potential new features and issues collected in the repository Issue Tracker. First classification of issues ready (Thanks to P. Crotwell!). A Review Team has been formed (2 from USA, 2 from Europe). Its work should start soon and recommendations are expected.



## Status of Previous Action Items 4/5

**Action Item:** IRIS provided a proposal for [URN IDs](#) on the mailing list in May before the meeting. Chad Trabant reviewed the key issues. URN IDs are needed for NGF. The proposal aims to incorporate existing SEED codes and map both ways if possible. WG Chair will follow decision taking protocol if accepted.

**Responsible:** WG Chair

**Status:** Complete. Protocol was accepted. Proposal was formally submitted for evaluation and the protocol was applied (e.g. discussion and voting phases). The proposal was approved.



## Status of Previous Action Items 5/5

**Action Item:** ETH will open the discussion about [QuakeML](#) on the WG, including new functionality planned to be included in v2.0.

**Responsible:** John Clinton

**Status:** Incomplete, to be retained (continued)

**Action Item:** Dmitry Storchak has agreed to lead an effort that will span both FDSN WG2 and COSOI regarding [Event Types](#). He will inform the community about the progress on this discussion and joint effort.

**Responsible:** Dmitry Storchak

**Status:** Incomplete, to be retained (continued)



## Next steps within the WGII

- Proposal: Metadata for Legacy Data (Tim Ahern)
  - Call for a **Proposal Review team** in the next days.
- Proposal: MiniSEED 3 (Chad Trabant)
  - Call for a **Evaluation Review Team** in the next days.
- StationXML evolution
  - A review team has been formed. It will start in the next days.
  - Issues will be evaluated.
  - A Recommendation is expected as an output. Corrections to the standard, or documentation, but also new features for next release.