



International Federation of Digital Seismograph Networks

FDSN Working Group V

Portable Instrumentation
IAGA/IASPEI 2021, India (online)



Agenda

1. Acceptance of agenda
2. Approve 2019 (Montreal) minutes
3. Review of action items
4. GeoCSV format for rapidly changing parameters (Ahern)
5. Digital filters for decimation of seismological data (Crawford)
6. Survey of OBS data/metadata creation and distribution
7. Next Actions
8. Change of WG5 leadership
9. Webpage update
10. Other business
11. Adjourn



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- Acceptance of agenda
- Approval of 2019 (Montreal) minutes



2019 Action items

Number	Title	Responsible	Status
2019.01	Review and evaluate SOH recommendations (Prague 2015), specifically engaging WP1 and WP2	Beaudoin	
2019.02	Distribute SOH proposal for comment to equipment manufacturers	Beaudoin	Document written. Distributed?
2019.03	Form a group to establish requirements for documenting moving stations via time-referenced location and orientation records	Beaudoin, Ahern	Ahern proposal



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GeoCSV format for rapidly changing parameters

- Presentation by T Ahern



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Digital filters for decimation of seismological data

- Presentation by W Crawford



Survey of OBS data/metadata creation

Dear colleagues,

I have been requested by FDSN Working Group 5 (portable instruments) to survey data/metadata creation by OBS parks across the world. Could you please take a couple of minutes to answer the following questions?

- 1) What is the name of your facility?
 - 1a) If we should have contacted someone else from your facility, who (with email address)?
- 2) About what percentage of your data (since 2010) is on an FDSN-compliant data server?
- 3) Do you correct clock drift in the data you provide?
 - 3a) If so, how often is the drift correction updated in the files (daily? every miniSEED record? ...)
 - 3b) If so, do you correct for nonlinear drift? How?
- 4) Do you include FIR filters in the instrument response metadata?
- 5) If you create miniseed data, what tools do you use?
- 6) If you create StationXML or Dataless SEED metadata, what tools do you use?
- 7) What other facilities should we contact (with contact email, see list of already contacted below)? [S Korea, Taiwan](#)
- 8) What other questions should we have asked?

Regards
Wayne

[Leapseconds](#)
[orientation](#)
[PH5](#)
[OBS types](#)
[Specify if data drift corrected?](#)

Facilities contacted:
US: OBIC, LDEO, Scripps
Germany: DEPAS, GEOMAR
UK: SEISUK
China: SUSTC
Japan: ERI, JAMSTEC
Portugal: IDL
Spain: ROA, UTM
France: IGP, Geoazur, IFREMER
Denmark: DANSEIS
Ireland: DIAS
Canada: Dalhousie



Next actions

- Proposal review team for GeoCSV proposal
 - Definition of team
 - 3-6 people, 2+ regions, ≤ 2 /region
 - Definition of time frame
 - 2 months -> 1 year (6 months? 3 months? And can submit early)
- Definition of digital filters for decimation of seismological data (Crawford)
- Survey of data/metadata creation by worldwide OBS parks, send results for feedback (Crawford)



Change of WGV leadership

- Bruce Beaudoin stepping down as chair
- Proposed replacements
 - Chair:
 - Wayne Crawford
 - Others?
 - Vice-Chair
 - Kent Anderson
 - others?



Webpage update

- Some items on the WG webpage may be out of date, for example:
 - Dataless seed volumes -> StationXML?
 - Reference to SEED manual -> FDSN online docs?
 - OBS availability
 - OBSIP-> OBSIC
 - ORFEUS link does not work



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Other business



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Adjourn