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Statement of Operation: Virtual European Broadband Seismograph Network

ORFEUS Data Center

- Preamble -

This document is an expression of common understanding between the ORFEUS Data Center and data contributors and consumers. This document is not legally binding unless accompanied by other appropriate documents clearly indicating a legal contract.

The name Virtual European Broadband Seismograph Network (VEBSN) is subject to change without notice, but the statement of operation will remain the same unless a superseding statement is adopted.

- Purpose -

The primary purpose of the VEBSN is to rapidly collect digital seismic waveform data from the European and Mediterranean region in order to allow the ORFEUS Data Center (ODC) to rapidly offer this data back to the contributors, scientific community, civil defense agencies and the general public. To realize this goal, the VEBSN is a fully functional automatic seismic network, which locates earthquakes, calculates magnitudes, generates seismic event alerts (in e-mail form) and performs other network operations to ensure data quality and archiving.

Points of clarification:

- Digital waveform data contributed to the VEBSN, and consequently to the ORFEUS Data Center, will eventually be included in the ODC data archive and subsequently be subject to the ODC's open data policy.
- Digital waveform data contributed to the VEBSN, and consequently to the ORFEUS Data Center, may be re-distributed by the ODC in any form including, but not limited to, near real-time data streams, AutoDRM, and as event based data volumes.
- Ownership of all contributed digital waveform data remains solely with the institution(s) or body(s) that acquired the data. The ODC will endeavor to retain all marks of ownership and elucidate ownership to data consumers.
- The ODC will distribute automatic phase picks, event locations and magnitudes based on contributed digital waveform data as products of the VEBSN. The ODC will not perform data analysis, other than required for the defined VEBSN purpose, without prior consent of the data owner.
- No significant changes will be made to this policy of operation without first consulting the data contributors.

MEREDIAN consortium

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