

## **Minutes of FDSN WG-1 meeting, Sapporo, July 9, 2003**

Attendance: Ahern, Benson, Dost, Earle, Lyons, Olivieri, Roullet, Trabandt, Tsuboi  
Approved Agenda

1. The definition of the Federation network was discussed. The FDSN network should be a true global network of consistently spaced high-quality stations affording the best geographical coverage possible, supporting the open exchange of scientific data. Although there is no plan to produce Federation CD anymore, the consensus of the group was to maintain the idea of Federation network as it is but set up another criterion, such as quality control stuff and data availability in selecting the Federation stations in addition to the geographical coverage. Regarded with the availability of the data, it was discussed that real time availability should become an important factor. To make the data availability of FDSN network clearer, potential upgrades to the FDSN station inventory were discussed. The consensus of the group was to add columns that contain the data center(s), and real time availability of the data. The data center code should be in four characters in maximum and allow multiple entries separated by comma. It was discussed that it should be necessary to develop a web form of the FDSN station inventory for the input of improved/updated information.
2. It was discussed if we should expand the Federation membership to those networks such as regional networks, digital short period networks and digital strong motion networks. The consensus of the group was that we keep "broadband" in the definition of FDSN but we try to enlarge FDSN representation. It was recommended that we should remove the words "national and international" networks from the terms of references instead of adding the word "regional" networks. It was discussed that we should list as many seismic networks including regional and short period networks as possible and send them invitation letters to expand FDSN membership.
3. The availability of STS-1s was discussed under the topic of instrumentation. It was reported that the Streckeisen is planning to produce new sensor STS-3 or STS-21 but this is a replacement of STS-2. Kinematics is not interested in designing a new STS-1 class instrument. It was suggested that IRIS GSN is willing to "trade" (an STS-2) or make other arrangements in order to move the STS-1 to a location more suitable for global studies. As was discussed in the last WG-1 meeting in Hawaii, it was suggested that STS-1s might be produced again if quantities adequate to justify production were requested. The consensus of the group was to survey possible number of STS-1s that may be purchased among the member networks.
4. WG-1 Tasks for the future include all those specific tasks included above, as well as continuing to:
  - encourage improved siting
  - maintain/improve inventory