

5. The Ad Hoc Group completed a technical and factual evaluation of its Second Technical Test (GSETT-2). The results are contained in its sixth main report, being submitted to the Conference on Disarmament for its consideration as document CD/1144. The Group envisages submitting during its next session extensive appendices to the sixth report, which will contain detailed technical material.

6. The Group noted that as a result of GSETT-2, a unique seismological database has been established and is being used as the basis for the ongoing comprehensive scientific evaluation by the Group. The Group noted with appreciation that the United States delegation had compiled this database on compact discs and had distributed them to all participants.

7. The Group considers that the results of the comprehensive scientific evaluation, together with the results of GSETT-2 (CD/1144), form a basis for reassessing the concepts for a global monitoring system proposed by the Group in its fifth report to the Conference presented in 1989 (CD/903 and Corr.1). Such a reassessment, which will also take into account recent scientific, technical and other developments, will be reported on during the first part of the 1993 session of the Conference.

8. The Ad Hoc Group continued its discussions on the future work of the Group remaining under its current mandate as regards the development and testing of the scientific aspects of a global system for international cooperative measures to detect and identify seismic events. The Group expressed the view that much valuable work remains to be done on the development of the global system taking into account an assessment of the implications of the results of GSETT-2 and advances in relevant technology.

The Group preliminarily discussed specific recommendations in this regard that include specific procedures for an experimental system of international exchange of data on seismic events and realistic testing of its components. This testing would include additional bilateral and multilateral cooperative experiments and would strive to have the widest possible global participation. The work would, inter alia, include:

- "CD-station" design and testing
- Site selection studies and experimental station deployments
- Use of new data communication technologies
- Study of the feasibility of reducing the number of IDCs including a proposal on the use of one IDC
- Study of the feasibility of the use of "open" stations
- Network studies in relation to network capability
- Development of detailed instructions for further experimental testing of the refined concepts
- Development of cost estimates