

## FEDERAL REPUBLIC OF GERMANY

Working PaperWorkshop on the demonstration of procedures to  
obtain seismic data at individual stations under  
different conditions

1. The ad hoc group of scientific experts to consider international co-operative measures to detect and identify seismic events, established in 1976, already submitted two substantial reports to the Committee on Disarmament. The work done so far by the experts has been appreciated by the Committee, expecting the results to become a valuable instrument in the context of the implementation of a multilateral agreement on the complete ban of nuclear explosive tests.
2. The new terms of reference given to the group of scientific experts by the Committee on Disarmament at its 43th meeting on 7 August 1979 call for co-operation in the review and analysis of national investigations into i.a. procedures to obtain desired data at individual stations under a range of conditions and the analysis and data handling procedures at the envisaged data centres. In order to further facilitate the work of the expert group, and in coping with the recommendations contained in the report of the group (CD/61 dated 18 February 1980), the Government of the Federal Republic of Germany offers a workshop to demonstrate modern seismographic equipment with interactive digital data handling. As the automatic extraction of seismic parameters is a recommended goal in order to develop standardized procedures in this field, while at the same time there is only limited experience with the handling of digital data on a routine basis, the workshop will provide opportunities for seismologists to extract and control actual seismic data in an interactive computerized procedure where all measurements

can be visually followed. Within the routine analysis not only the standard parameters but also the complete set of level 1 parameters can be evaluated. All technical and seismological aspects of the system will be demonstrated and discussed.

3. It is the hope of the Government of the Federal Republic of Germany that the workshop will contribute to obtain additional information for the deliberations and studies of the ad hoc group of seismic experts.

4. The workshop is envisaged to be held at the Seismic Central Observatory Gräfenberg near Erlangen (Federal-Republic of Germany) from 3 - 5 July 1980, immediately preceding the next meeting of the group of experts in Geneva from 7 - 18 July 1980.