

Ad Hoc Committee on Chemical Weapons

## REPORT OF THE TECHNICAL GROUP ON INSTRUMENTATION

The Ad Hoc Committee on Chemical Weapons decided on 30 June 1989 to establish a Technical Group on Instrumentation and appointed Dr. Marjatta Rautio of Finland as the chairman of this expert group. The group held meetings on 17 July, from 7 to 9 August and from 4 to 15 December 1989.

The group discussed extensively issues related to

- analytical instrumentation
- process monitoring equipment
- seals, surveillance, containment
- sampling, sample custody and transport of samples
- databases and datatransmission.

Background papers were submitted by the delegations of the Netherlands, Switzerland, the Union of Soviet Socialist Republics, the United Kingdom and the United States. A list of all background papers is included as an annex to this report.

The results of the discussions are presented in this report. The report is divided into three parts. The first part discusses the analytical tasks of the Chemical Weapons Convention and the instruments required to perform these tasks. The second part of the report consists of a technical reading of the current rolling text (CD/952) identifying the verification methods required by the provisions of the rolling text in various sites and discussing the technical aspects of these requirements. The third part is a summary of the conclusions and recommendations as well as the views on the needs for further development of instrumentation.

The first and second parts of the report were approved in the closing session of the group's meetings on 15 December 1989. The third part has been compiled by the chairman of the group.