

J138(G77)

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Proposal Abstract J138(G77)

1. Arms Control Problem:

- Chemical weapons - research and development
 - production
 - stockpiling
 - destruction of stocks

2. Verification Type:

- (a) Remote sensors - satellite
- (b) Records monitoring - economic
- (c) Literature survey

3. Source:

Union of Soviet Socialist Republics. "Some methods of monitoring compliance with an agreement on the prohibition of chemical weapons". CCD/538, 3 August 1977.

4. Summary:

The working paper states that there are two methods of verifying a CW ban: intraterritorial and extraterritorial monitoring. Intraterritorial monitoring can be further subdivided into international and national monitoring. All technical means of verification including laboratory, remote, indirect (i.e. analysis of statistics), and conservative methods (i.e. sealing installations, telemetric and radiometric surveillance) are fully applicable to intraterritorial national monitoring. However, the use of these means in international monitoring is "inevitably associated with the disclosure of military, industrial and commercial secrets and consequently cannot be justified from the the standpoint of assuring the security and economic interests of the States parties to a future agreement. The present paper therefore takes as its starting point the need to assess the applicability of the above methods to extraterritorial monitoring."

Development (including testing) of CWs:

Indirect extraterritorial monitoring in this regard might involve searching for the presence of:

- (1) research centres,
- (2) testing centres in active operation, and
- (3) specific systems of scientific and technical planning and financing.

Additionally, monitoring published patents and scientific publications which indirectly reflect the interests of specialized chemists, could be useful. Undeclared tests might also be detected using remote instrumentation techniques.