

K21(A74)

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Proposal Abstract K21(A74)

1. **Arms Control Problem:**
Nuclear weapons - comprehensive test ban
2. **Verification Type:**
 - (a) Seismic sensors
 - (b) Complaints procedure - consultative commission
3. **Source:**
Scoville, H. "A Leap Forward in Verification". In SALT: The Moscow Agreements and Beyond, pp. 160-182. Edited by M. Willrich and J.B. Rhineland. New York: The Free Press, 1974.
4. **Summary:**

This proposal is based on an understanding that present seismic technology permits detection and identification of all but the lowest yield underground nuclear explosions. It proposes that in order to augment use of such technologies, measures such as those established under Article XII of the 1972 ABM Treaty - that is, use of national technical means of verification, promise of non-interference with these means and promise not to use deliberate concealment measures which impede verification by national technical means - might be useful. Further, the author suggests that a multilateral international consultative commission could be established to provide a forum for obtaining additional clarification. Such measures, he contends, would greatly reduce or even eliminate fears of violations of a comprehensive tests ban treaty.