

J113(A62)

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Proposal Abstract J113(A62)

1. **Arms Control Problem:**
Nuclear weapons - missile tests
2. **Verification Type:**
 - (a) Remote sensors - radar
 - (b) On-site inspection - selective
3. **Source:**
Woods Hole Summer Study. Verification and Response in Disarmament Agreements, Annex, Vol. I. Washington, D.C.: Institute for Defence Analysis, November 1962.

4. **Summary:**

This proposal suggests that a missile test ban would act as a brake on R & D programs insofar as such a ban would place severe limits on the confidence a military establishment could have in new missile systems.

It is proposed that existing radar facilities could be used to verify compliance with a ban and that only a small number of detection stations would need to be established on the territory of states party to the agreement in order to verify that short-range tests (200 miles or less) are not being conducted. Observation of missile test sites could also be carried out by a small number of on-site inspectors. Finally, covert intelligence would be used to uncover plans for clandestine tests.

The authors note that while this system would be unable to provide reliable information about penetration aids and guidance systems, it could provide accurate data about the overall behaviour of missile systems.