

CTBTO Response to an Underwater or Surface Test in International Waters

The hydroacoustic array system and national technical means of member states, coupled with the seismic system, radionuclide detection system, and even the infrasound system may give indications that a clandestine test has been carried out in international waters. The paper proposes that the CTBT use for analysis a previously conducted US test in international waters to determine the procedures and practices that might lead to a post-facto determination of a test and attribution to identify the testing state. In addition, consideration will be given to whether the methods involved developed could be used to determine whether the Vela event in 1979 could still be detected using the methodology necessary for analysis of underwater/surface testing.

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