

D6. Do the recent India/Pakistan tests call into question the effectiveness of the CTBT regime?

On the contrary, there already was sufficient evidence from the partially completed IMS to indicate that nuclear explosions had occurred. If the Treaty had been in force with India and Pakistan as members, there would have been sufficient evidence to justify an on-site inspection, which then would have determined that a Treaty violation had occurred. It is not of great concern whether the IMS measured the number of devices detonated as the measurement was sufficient to register an explosion. Similarly, the purported failure of the partially completed IMS to detect two smaller explosions may be of little concern, since if the explosions did occur at very shallow depths as the Indian Government claimed, some venting of radioactive material, and subsequent detection by the yet to be installed radionuclide system of the IMS, would be expected.