

## How to develop a credible scenario for large field exercises - Scenario Task Force activities

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Exercises play an integral role in efforts to build up the on-site inspection (OSI) element of the verification regime established by the CTBT, as they allow various inspection activities, techniques, processes and procedures to be tested in a manner against a robust and realistic scenario. The OSI Exercise Plan 2016-2020 foresees the conduct of three Build-up Exercises (BUE) covering all inspection phases. The development of a technically realistic, scientifically credible, rationally coherent and intellectually motivating scenario is crucial for testing OSI capabilities. Therefore, a Scenario Task Force (STF) was established, comprising selected technical experts from various State Signatories who, supported by the PTS, have been developing a contiguous scenario for all three exercises. The scenario shall aim to facilitate the testing of recently developed inspection techniques, updated procedures, new infrastructure, such as the Equipment, Storage and Maintenance Facility (ESMF) and the Operations Support Centre (OSC) and information management systems such as the Geospatial Information Management system for OSI (GIMO). The poster provides an overview of the objectives, scope and method of work of the STF, the challenges faced in creating a complex scenario, and the means by which an OSI scenario may stimulate the application of inspection techniques and inspection elements.

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