

EXPANDED SIMULATION TECHNIQUES

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Within a 20 month period the Defense Nuclear Agency will have detonated two high explosive events, each of which ranks as the worlds largest nuclear simulation of its type.

DIRECT COURSE a 1 kT Height-of-Burst nuclear blast simulation was detonated on October 1983. As the operational and engineering aspects leading to this event were presented at MABS 8, only the overall fidelity of this simulation technique will be presented.

MINOR SCALE an 8 kT surface nuclear blast simulation is scheduled for detonation in June 1985. The operational and engineering aspects of this event will be discussed as well as the overall fidelity of the simulation.