

A VITAL TRAINING FACILITY FOR NAVIES: THE DAMAGE CONTROL TRAINING SIMULATOR

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ABSTRACT

This paper summarizes METEKSAN Savunma's Damage Control Training Simulator (DCTS) system designed to train the personnel in the sailing units as individuals and teams. Naval Damage Control (DC) capability is a critical effect for preserving the integrity, stability and manoeuvrability of the vessels. The main goal of damage control is to keep the ship floating, moving and fulfilling her mission. To achieve these goals, damage must be quickly confined and repaired. The key to enable these capacities is a realistic training environment for the ship's crew to develop and conduct damage control exercises.

The METEKSAN's design for DCTS including the high technology products provided by simulation world and mechatronics engineering is intended to provide a realistic training environment to develop and conduct damage control exercises as part of damage control readiness in accordance with the internationally recognized commercial and Naval standards.

The moving platform with 3 decks and up to 15 degrees angle of roll to simulate various sea states has the training capability for a Repair Party comprising of 24 trainees plus 5 instructors to execute the training in line with the scenarios.