



Cargotec Port Security LLC Spreader-Mounted Container Scanning Solution Completes Advanced Testing At Los Alamos National Laboratory

Updated Jan 13, 2009

Cargotec subsidiary, Cargotec Port Security, LLC, has completed advanced container scanning trials at the United States Department of Energy Los Alamos National Laboratory in Los Alamos, New Mexico (USA). The Los Alamos facility is one of two United States laboratories where national security nuclear-related testing is conducted.

Prior to the Department of Energy and US Customs and Border Protection Service requesting that the system be sent to Los Alamos for testing, the Cargotec Port Security spreader-mounted container scanning system previously completed formal performance evaluation between April 2008 and September 2008 at Port Charleston, South Carolina (USA) and Port Tacoma (USA). Both the Charleston and Tacoma evaluations were conducted by the US Customs and Border Protection Service, the US Department of Energy Megaport program, and scientists from Pacific Northwest Labs, working on behalf of US Customs and Border Protection.

"The successful completion of the Charleston, Tacoma, Oak Ridge and Los Alamos National Laboratory evaluations are important milestones in the development of Cargotec Port Security", notes Troy Thompson, President of Cargotec Port Security. "In a very short time terminals are going to need container security solutions that comply with the U.S. container security initiative, but which achieve the security objective without compromising port productivity. At a time when the global economy is undergoing significant strains, we need security solutions that do not add 'an extra security step' in transshipment and intermodal operations, but which perform container scanning in the normal course of spreader operations. The system from Cargotec Port Security performs at a very high scanning standard without slowing terminal operations".

The Cargotec Port Security spreader-mounted solution performs gamma and neutron sensitivity scanning during the movement of the container in the normal ship-to-shore load/unload process, and is designed to meet the U.S. requirement for 100% inbound container scanning by 2012, without compromising overall terminal productivity. Field evaluation by US Customs and Border Protection Service resulted in the detection and identification of radiological materials at all points tested across the container.

The field evaluations conducted at Port Charleston and Port Tacoma themselves followed an audited analysis of the Cargotec Port Security solution conducted at the U.S. Department of Energy Oak Ridge National Laboratory. In the Oak Ridge evaluation, the Cargotec Port Security spreader solution demonstrated 100% accuracy, with zero false positives and zero false negatives. Subsequent to this evaluation, the Cargotec Port Security system was awarded Qualified Anti-Terrorism Technology (QATT) Designation from the U.S. Department of Homeland Security.

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