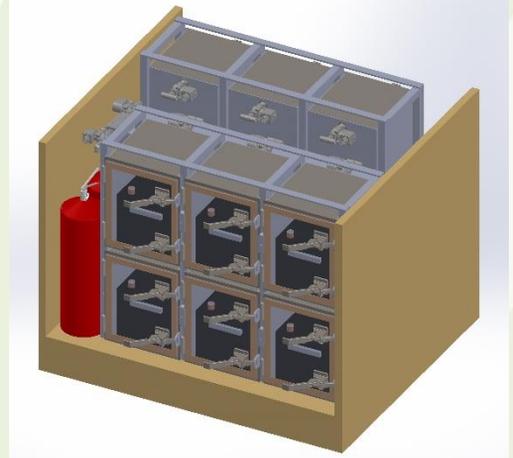


CHARGING-CAPABLE LI-ION AUTONOMOUS SAFE STORAGE INTERSERVICE CONTAINER (CLASSIC)

PROJECT OVERVIEW

Lithium-ion batteries present a serious fire hazard to air, sea, land platforms, and the personnel operating them. The CLASSIC is a container for the transport, storage, and charging of Lithium-ion batteries based on a multilayered safety strategy including robust passive containment, automatic active firefighting, and modular charging lockers.



CLASSIC Prototype Render

BENEFITS

The CLASSIC enables use of high energy Lithium-ion batteries by the DoD by insulating personnel and platforms from the hazards associated with these batteries. By ensuring safe transport, charging, and storage of fully charged batteries, the CLASSIC increases readiness and utility for the Warfighter.

PATH FORWARD

The CLASSIC will be showcased in the upcoming Advanced Naval Technology Exercise at Camp Lejeune, NC in April 2021. The fully developed CLASSIC is expected to transition to Army CECOM at the end of FY21.



Soldiers being trained on the CLASSIC Prototype at the Army Maneuver Support Sustainment and Protection Integration Experiments (Blackstone Army Airfield, Sept. 2020)

DoD Executive Agent

Office of the Assistant Secretary of the Army for Installations, Energy, and Environment

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FOR FURTHER INFORMATION

National Defense Center for Energy and Environment
<http://www.denix.osd.mil/ndcee/home>

Naval Surface Warfare Center, Carderock Division
<https://www.navsea.navy.mil/Home/Warfare-Centers/NSWC-Carderock>