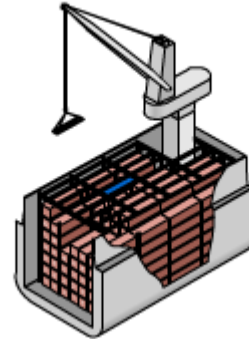


USTRANSCOM Science and Technology

At Sea Selective Discharge System

Project Summary: The objective of the project was to design and build a prototype system that would enhance warfighter sustainment support through the selective retrieval of stowed containers. This project proved that standard 20 foot equivalent containers, fully loaded, can be selectively retrieved and stowed within the cargo hold of a MSC ship, at sea, in sea states up to and including sea state 5 without the assistance of an external crane. This enables more efficient transfer of the proper material to support the warfighter.



Project Completed: The system technologies enables the selective access, retrieval, and offload of containers and was successfully tested at sea onboard the USNS RED CLOUD in 2006. With the achievement of some final developmental steps, the project will be near the ready-for-transition phase for shipboard installation.

Benefit Providing Warfighter: The ability to selectively access and offload containers at sea has the potential to improve sea base operations support to the warfighter by reducing customer wait time and improving time definite delivery standards.

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