



USTRANSCOM Science and Technology

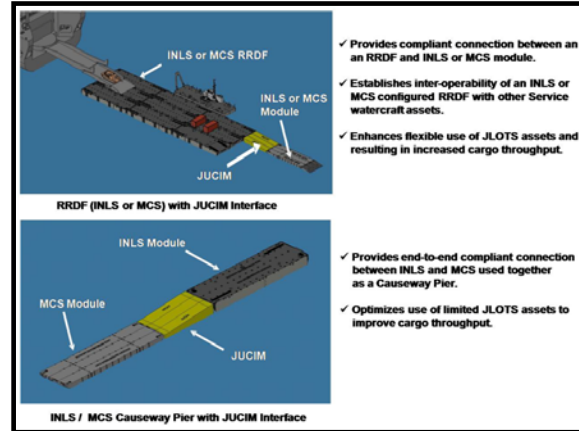
Joint Universal Causeway Interface (JUCIM)

Project Summary: The three-year JUCIM project will develop and deliver an operational prototype interface system that:

1. Establishes a compatible connection between the current Army Modular Causeway System (MCS) and the Improved Navy Lighterage System (INLS) to create interoperability for INLS or MCS configured Roll-On-Roll-Off Discharge Facilities (RRDF);

2. Links INLS and MCS end-to-end for employment as a Causeway Pier;

3. Provides an interface for an INLS or MCS module to access a shallow beach, mudflat, or quay wall/unimproved pier; possibly with the use of the Lightweight Modular Causeway System (LMCS).



Return on Investment: The JUCIM will allow for complete interoperability of the differing causeway and RRDF facilities at a fraction of the replacement cost of the Army's entire existing system. JUCIM will create a capability for JLOTS where none currently exists.

Duration of project: FY11-12

Participants: U.S. Army Engineer Research and Development Center (ERDC) & Naval Surface Warfare Center, Carderock Division (NSWCCD), Alion Science and Technology, Inc., Oceaneering, International, Inc., Naval Facilities Engineering Command (NAVFAC), Quantum Engineering Design (QED) Inc., and Craft Engineering Associates

Project advocacy (funding or otherwise): USTRANSCOM; ERDC, NSWCCD

Transition: JUCIM will be designed for integration and transition into current and future causeway systems of record and Low Rate Initial Production (LRIP) for operational service in the Army and/or Navy. The Program Managers for INLS and PD AWS have been contacted to coordinate the incorporation of the JUCIM capability into their respective causeway programs of record upon successful testing and user evaluation at the end of this project.

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