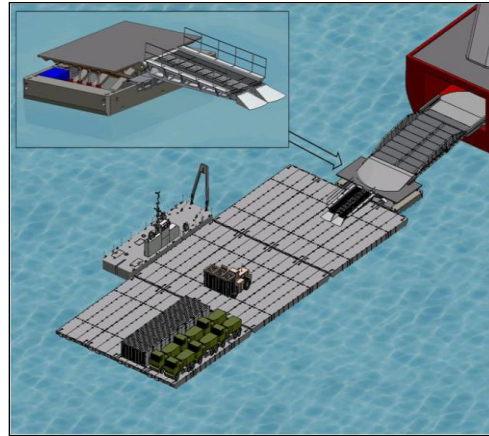




## USTRANSCOM Science and Technology

### **Roll On/Roll Off Interface Motion Platform (RIMP)**

**Project Summary:** A study to determine feasibility of establishing a motion-compensation interface platform for the transfer of equipment between a commercial vessel ramp and a service floating platform such as the current Army Modular Causeway System (MCS) configured Roll-On-Roll-Off Discharge Facilities (RRDF). Since the RIMP will interface between a commercial ship ramp and current Seabasing platforms, both military and civilian, RIMP must be able to connect to different systems while reducing the loads imparted on the commercial ramp. In short, the RIMP will enable the military to use an expanded set of RO/RO assets in the area of responsibility to help ensure mission success.



**Current Status:** RIMP Study is an approved FY14 USTRANSCOM funded effort for \$600K. OSD funding would help reduce this burden, allowing USTRANSCOM to fund other high priority deployment and distribution cost-reducing efforts

**Return on Investment:** The RIMP could allow for complete interoperability of the differing commercial RO/RO ramps and Seabasing facilities at a fraction of the cost required to modify existing commercial ramps.

**Duration of project:** FY14

**Participants:** Naval Surface Warfare Center, Carderock Division (NSWCCD)

**Project advocacy (funding or otherwise):** NSWCCD, USTRANSCOM, Naval Research Laboratory