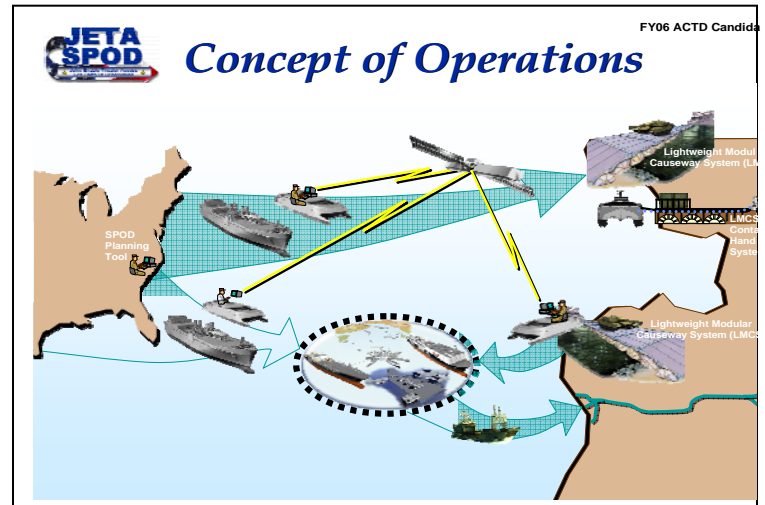




## USTRANSCOM Science and Technology

### Joint Enable Theater Access – Sea Ports of Debarkation (JETA-SPOD)

**Project Summary:** JETA-SPOD Advanced Concept Technology Demonstration (ACTD) will demonstrate a capability for current and future Service and Joint watercraft to rapidly and independently conduct vessel offload operations at operationally beneficial austere SPODs. It will address Current Logistics-Over-the-Shore (LOTS) capabilities that rely on bulky causeway systems delivered by slow moving vessels and current databases/ planning tools lack data on austere SPODs.



**Return on Investment:** Recent tsunami and hurricane relief efforts showed that humanitarian relief operations can suffer from critical distribution shortfalls and degraded evacuation capabilities due to the lack of accessible ports, inland waterways, and ingress/egress routes. The JETA-SPOD ACTD will address these challenges by demonstrating new capabilities that optimize the throughput of sealift vessels at austere ports, inland waterways, wetland, and flood zones. It will develop new concepts of operations to greatly increase number of usable access locations for force projection and operational maneuver across the range of military operations.

**Duration of project:** FY06-FY10

**Participants:** OSD, Army G-8, USPACOM, USTRANSCOM, US Army Engineer Research and Development Center – Coastal and Hydraulics Laboratory (ERDC-CHL), Product Manager, Army Watercraft Systems

**Project advocacy (funding or otherwise):** OSD, USPACOM, Army G-8, Product Manager, Army Watercraft Systems, USTRANSCOM, USMC, Australia

**Transition:** Lightweight Modular Causeway System (LMCS) capabilities will transition to programs of record and Low Rate Initial Production (LRIP) for operational service with Joint High Speed Vessel (JHSV) and/or current service modular causeway systems. SPOD Planning Tool will be transitioned with integrated data sets into established databases for operational service.

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