

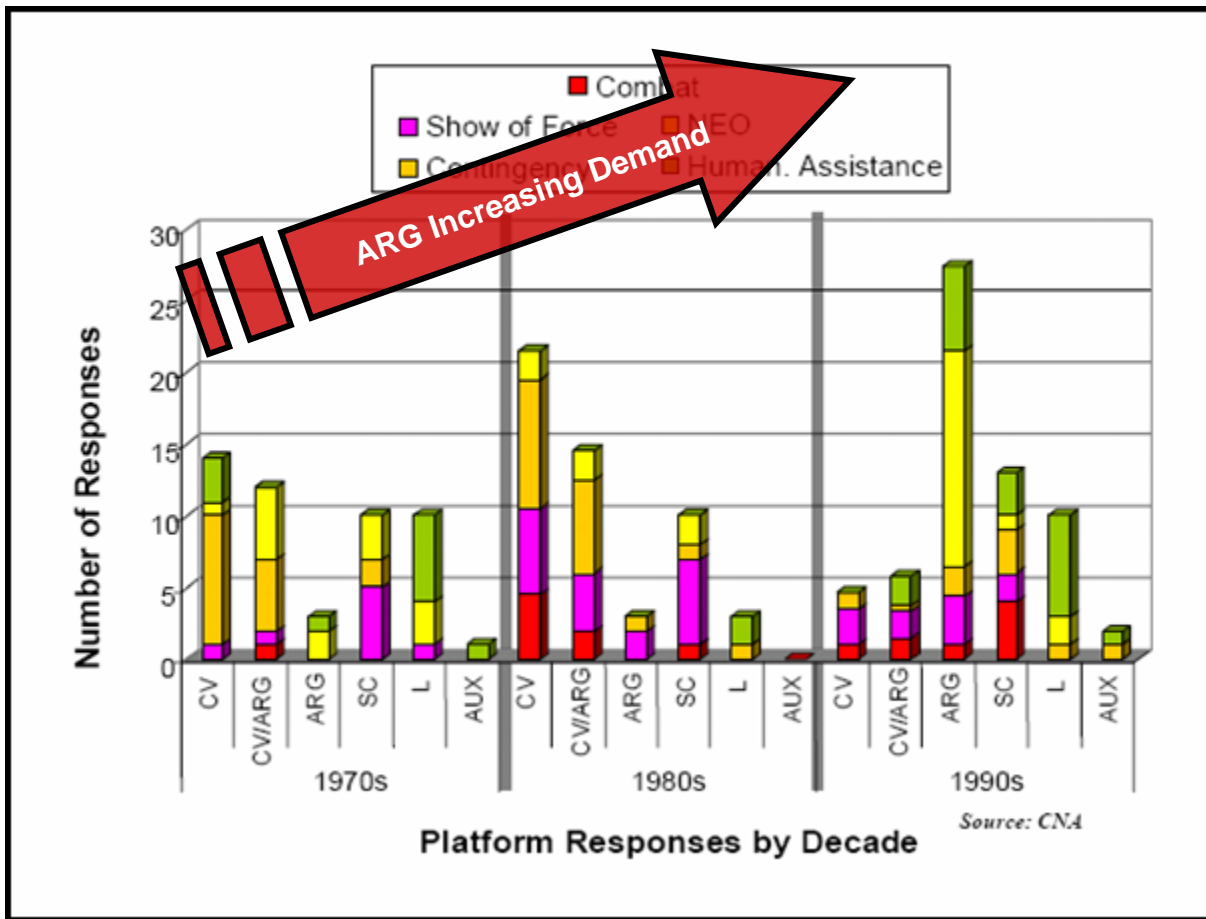
Bringing Expeditionary Warfare Into The 21ST Century



***CAPT Ed Barfield, USN
N853 Amphibious Warfare Branch Head
23 October, 2008***



Demand Signal



30 yrs of responsive and successful employment across the operational spectrum has met the demand



Resourcing the Demand



- **Innovate to Create the Effect of “More”**
 - Technological Innovation – make assets more capable, better integrate current capabilities
 - Operationally – work deployment / employment paradigms to optimize available assets
- **Leverage cooperative relationships**
- **Execute Mid – Life Programs**
- **Need to continue to grow and fund the requirement for
11 + 11 + 11**

“With regard to the 313 ship shipbuilding plan, I consider that to be the floor... knowing what the demands are out there, I think 313 is the minimum number...”
~ ADM Roughead



State of N853 Programs



- **LPD 17 Class**

- First 4 ships delivered; 3 commissioned
- 5 ships under construction in New Orleans & Pascagoula
- 10th LPD authorized and funded in FY09 Authorization and Appropriation Acts
 - 11th LPD authorized in FY09 Authorization Act: “The committee expects the budget submission for fiscal year 2010 to contain a funding request for the 11th ship of the LPD 17 class”

- **JHSV** (designs)

- PH1: Preliminary Design – 3 contracts awarded 31 JAN 08 (Austal USA; GD/Bath Iron Works; Bollinger / INCAT USA)
- Phase II Detail Design and Construction – expect selection in OCT 08
- Delivery lead vessel (Army) FY 12; delivery 1st USN vessel FY13

- **LHA (R)**

- Start fabrication Dec 08



State of N853 Programs



- **MPF(F)**
 - Increment One CDD (MLP/T-AKE) JROC and DAB approved Mar and Jul 2008 respectively
 - MLP Request For Proposal (RFP) for System Design released Aug 08
 - **Program fully funded across the FYDP**
- **Ship to Shore Connector (SSC)**
 - CDD complete; expect to enter Joint Staff Review Jan 09 - JROC MAY
 - R&D Craft Award anticipated FY11
- **LHD 8** - Contractual delivery date 15 May; target delivery date 23 March 09



Questions



Phase I Awardees

DESIGN CONCEPTS FOR JHSV



BOLLINGER / INCAT USA Partnership



Austal USA

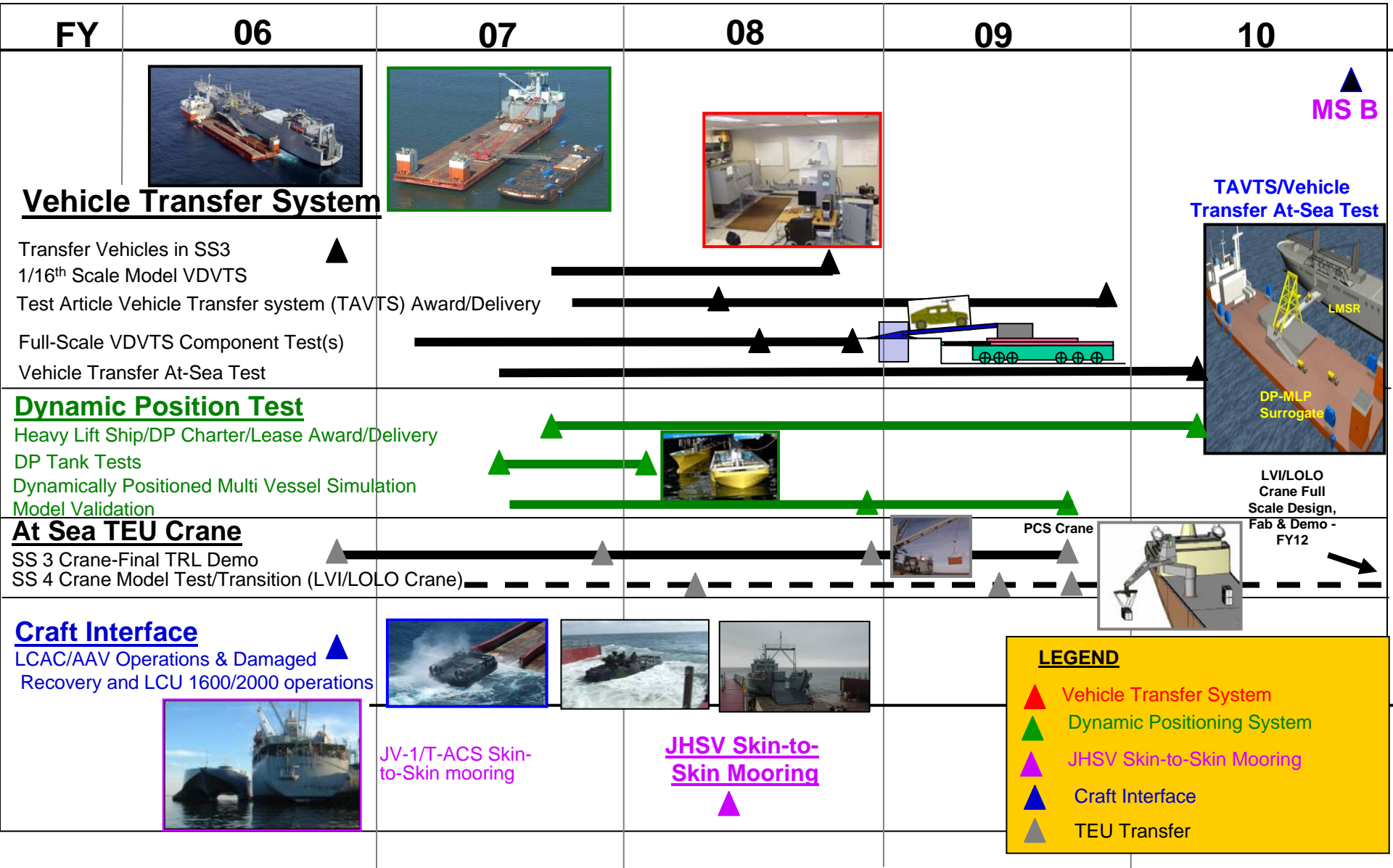
General Dynamics- BATH IRON WORKS / Rolls-Royce



[Return to Programs](#)



MLP Technology Development Remaining

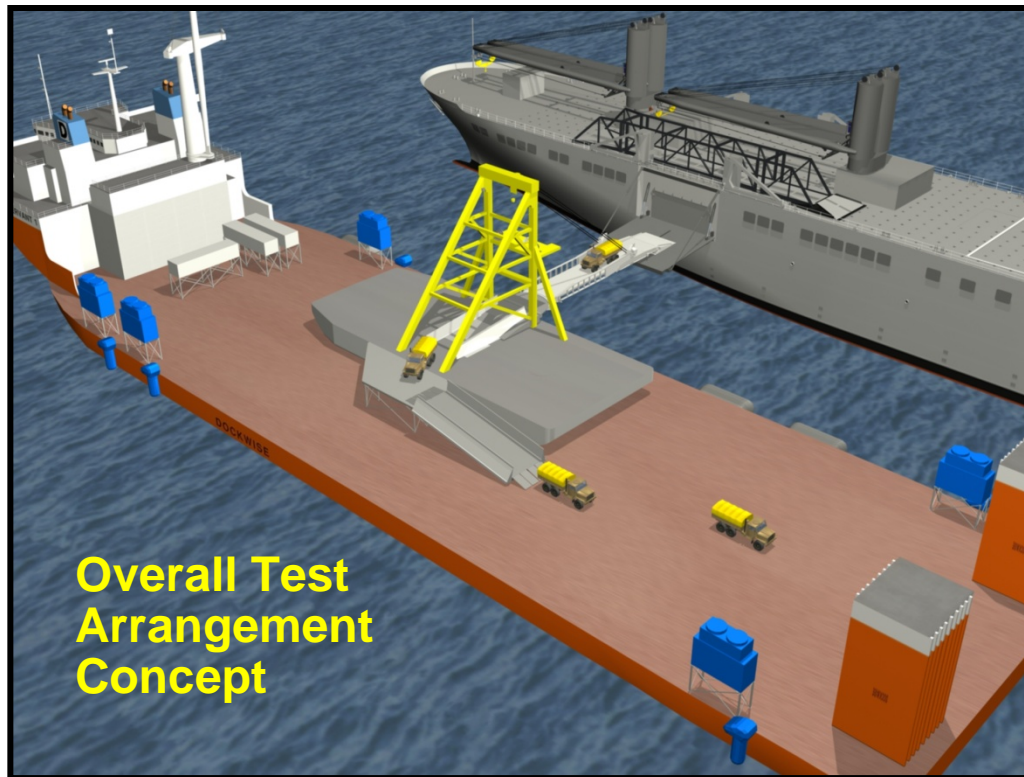


LEGEND

- ▲ Vehicle Transfer System
- ▲ Dynamic Positioning System
- ▲ JHSV Skin-to-Skin Mooring
- ▲ Craft Interface
- ▲ TEU Transfer



Vehicle Transfer System Risk Reduction Full-Scale, At-Sea, Test Article VTS (TAVTS) Demo



**Overall Test
Arrangement
Concept**

- **Heavy Lift Ship + 'Portable' DP + TAVTS = Surrogate MLP**
- **TAVTS Ramp mounts to Heavy Lift Ship**
- **TAVTS Sideport Platform mounts to Watson Class LMSR**
- **Will be Tested At-Sea through Sea State 3**