

Heavy Air Lift Trimaran



High Speed Multi-mission Global Fleet Station

Missions:

- Strategic Mobility and High Speed Sealift
- Combatant Force Early Entry
- Humanitarian missions
- Global Fleet Station Candidate Ship

Capabilities:

- Land, Service, Load and Launch C130J & C130 tanker cargo planes
- Operate in SS5 to ^ at 35 knots with a Range of over 10,000 Nautical Miles
- Carry over 130 helos and 759 Air Personnel plus 2405 Combat Troops from CONUS or Adv. Base
- Operate Tilt Wing and Rotor Craft in Combat Operations
- Carry and Launch Army Hover Barges and LCAC from the Flight Deck

Summary Descriptions:

- 1100 feet long
- 274 foot wide flight deck
- 180 foot hull beam
- 64,000 Full Load Displacement



Build Strategies:

- Construct and launch as a Three Hull Ship Using Two Buoyancy barges
- Construct Center & One Side Hull; Separately Build the Second Side Hull, Launch and Join to the Other Two Hulls. Use five buoyancy barges to Float out of the Building Dock

Acquisition & Mgmt Approach

- Commercial Shipbuilding Approach; both Technical Standards & Procurement Practices
- Start with a comprehensive Contract Design Using Capable Commercial Ship Designers
- Use a Two Step procurement:
 - Phase I; functional Design and Comprehensive Detail Design, Construction and Testing Plan
 - Phase II; Complete DD, construction and Testing

Prime with an Engineering & Construction Co.

Use an Overall Program management Organization (PMO)

Estimated Ship Prices

Type of Yard	First Ship w/ non-recurring		Each of 4 ships	
	Price in Billions	% over Comm'l	Price in Billions	% over Comm'l
Commercial Primed by E&C Firm	\$1.60	--	\$1.19	--
Dual - Use Case 1	\$1.92	20%	\$1.42	20%
Dual - Use Case 2	\$1.66	4%		
Combatant	\$4.62	190%	\$2.28	90%