

New 144-Auto Ferries Design-Build UPDATE

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Senate Transportation Committee
December 7, 2011



Washington State
Department of Transportation

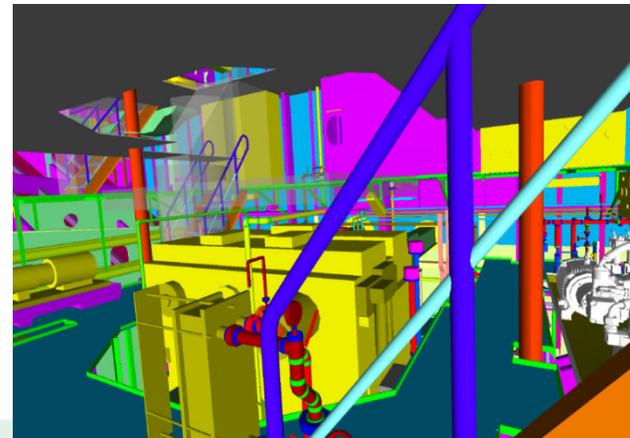
Contract Negotiations and Change Order

- June 30, 2011 - Final Design and Initial Price were submitted to WSDOT Ferries Division (WSF)
- Sept 19, 2011 - WSF technical acceptance of the Guido Perla & Assoc design (sub to Vigor Industrial)
- Contract Negotiations - Contractor submitted price for a single vessel of \$121.6 M. Final negotiated price is \$115.35 M
- Nov 01, 2011- Price and schedule negotiations completed; Change Order signed to existing contract to construct a 144 auto ferry



New 144 Current Status & Future Milestones

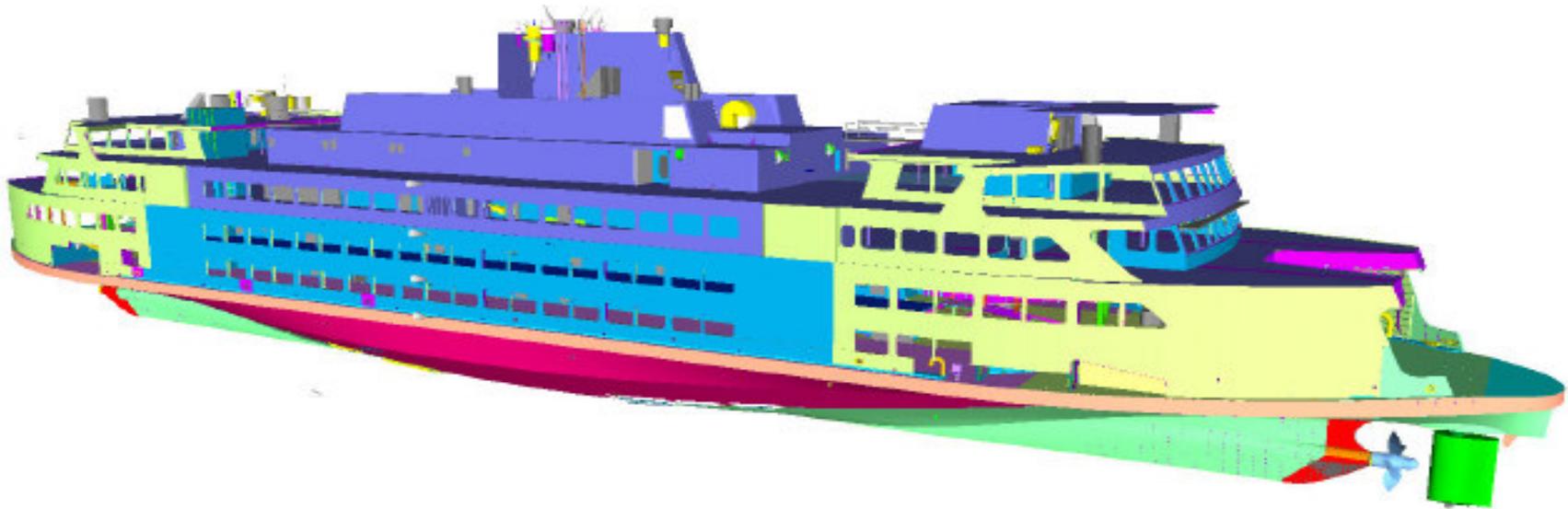
- Nov 21, 2011 - Notice to Proceed issued to US FAB LLC
- Dec 2011 thru Jan 2012 - US FAB negotiating/finalizing with prime subcontractors, placing long lead material orders and increasing work force to start construction
- Mid Dec 2011 - US FAB to submit to WSDOT Ferries Division a list of all subcontractors being used on the project
- Early February 2011 - Master Construction Schedule submitted to WSDOT Ferries Division
- Feb 2012 - Start Construction
- May 2012 - Keel Laying
- Feb 2014 - Delivery to WSDOT Ferries Division



Cost Savings

Savings Identified through the Legislative Proviso

The Contractor continued to work with the WSDOT Ferries Division to develop cost saving changes as requested by the Legislature in the referenced proviso. The Contractor and WSDOT Ferries Division, through a further review of the specifications, found approximately \$1.8 M additional savings.



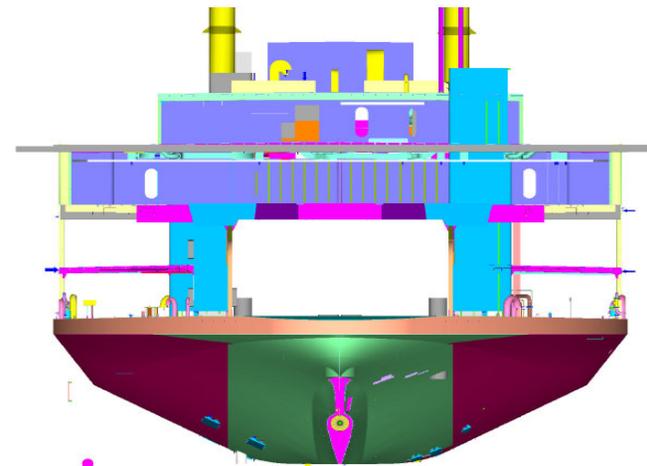
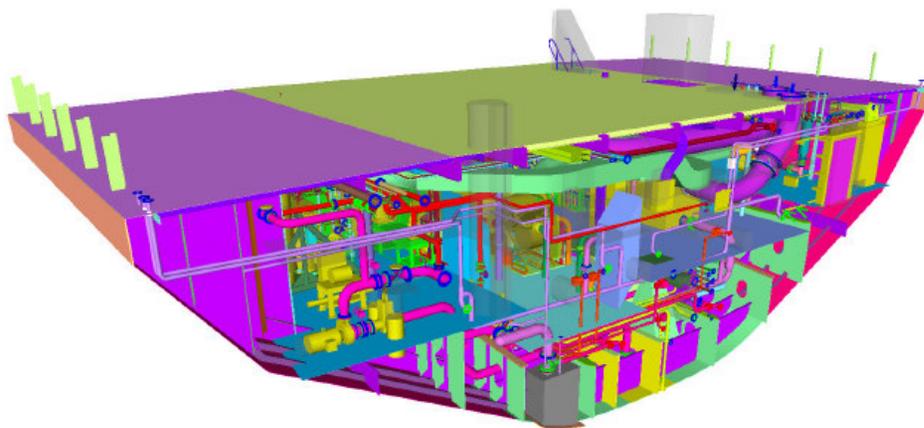
144 Auto Ferry Construction Budget

Project Element	Current Budget	Commitment To date
Construction Engineering	\$2,427,532	
OFE	\$1,000,000	
OFE Support	\$2,104,721	
OFE Storage	\$200,409	
Shipyards Cost	\$117,600,000	\$115,345,212
Final Outfitting	\$500,000	
Capital Spares	\$2,000,000	
Contingency	\$21,080,395	
Total	\$146,913,057	\$115,345,212

Economic Benefits

Work on this first 144 auto ferry will create:

- estimated **200 family-wage jobs** at Vigor Industrial
- estimated **350 jobs** at subcontractors, vendors and other shipyards in the region.



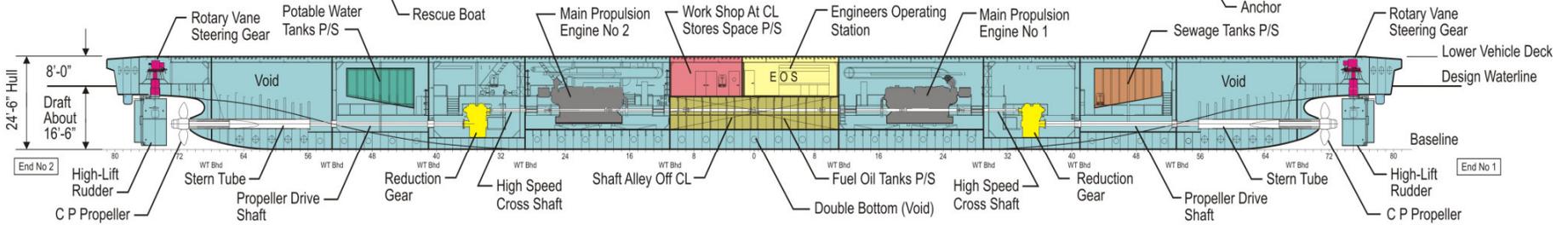
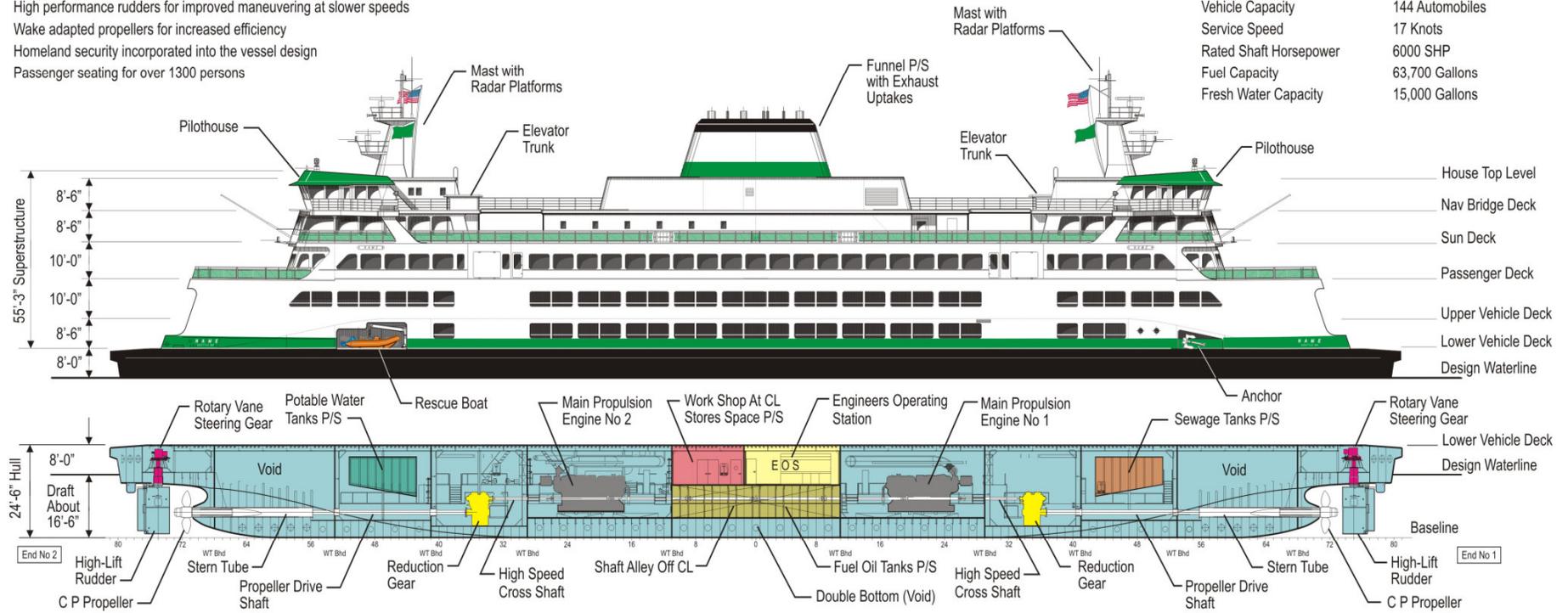
Key Design Features

- Passenger access to "Sun Deck"
- Fully ADA compliant
- Two elevators: one on each end of the vessel
- Fuel tanks are located away from the bottom
- Extra wide center vehicle tunnel - allows for 3 large trucks to be loaded side by side
- Long vehicle ramps to upper car deck with modest steepness
- High performance rudders for improved maneuvering at slower speeds
- Wake adapted propellers for increased efficiency
- Homeland security incorporated into the vessel design
- Passenger seating for over 1300 persons

144 Auto Ferry

Vessel Characteristics

Length Overall	362' - 0"
Breadth	83' - 4"
Hull Depth	24' - 6"
Draft At Design Load Waterline	16' - 6"
Displacement At DLWL	4320 LTSW
Passenger Capacity	1500 Persons
Vehicle Capacity	144 Automobiles
Service Speed	17 Knots
Rated Shaft Horsepower	6000 SHP
Fuel Capacity	63,700 Gallons
Fresh Water Capacity	15,000 Gallons



Washington State Ferries

Legend	
CL	Centerline
WT Bhd	Waterlight Bulkhead
P/S	Port and Starboard
C/P	Controllable Pitch
DLWL	Design Load Waterline
LTSW	Long Tons Salt Water
MES	Marine Evacuation Slide

Note:
Rendering subject to change.

20 June 2008
Gary Clever

Questions?

For further information on the 144-car ferry construction project, please contact:

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