



Introducing The Hydrus Class Ferries

**Achieving New Levels
of Performance, Efficiency, Safety
and Environmental Responsibility**

**The Cleanest 27 Knot,
400 Passenger Ferry
in the World**

**Setting the
World Standard
for Low Emissions
and Minimized
Environmental
Impact**

MV Hydrus

Built by: Vigor (Formerly Kvichak Marine)

In Service Date: April 2017

Cost: \$15.1 million

Passenger Capacity: 400

Bike Capacity: 50

Service Speed: 27 knots (31 mph)

Length Overall (meters): 41

Gross Tonnage: 95

Fuel Type: Bio Diesel B5

Fuel Capacity: 3,000 US Gallons

Fresh Water Capacity: 500 US Gallons

Designed for Efficient, Optimized Operation

- Low wake hullform maximizes waterline length, lowers resistance, and enables increased speed in the estuary
- Lightweight aluminum construction
- Designed for high passenger on-boarding and off-boarding, critical to achieving turnaround times
- Efficient custom propellers
- Attains exceptionally low noise and vibration levels for enhanced passenger comfort

The Hydrus Project is funded by:

- Governor's Office of Emergency Services State Proposition 1B - \$4.0 million
- Metropolitan Transportation Commission Regional Measure 2 - \$8.3 million
- Alameda County Transportation Commission Measure B/BB - \$4.7 million