



The Hornblower Hybrid

The Hornblower Hybrid is the first multi-hulled hybrid passenger vessel operating in the United States. The ship is propelled by (2) 350HP AC Induction Motors that are coupled directly to the propellers. ATS supplies the inverters controlling these motors.

The ATS inverters are powered by 320VDC battery banks or Tier 2 marine diesel generators. When the boat is idle at the dock the ship is powered by quiet, clean battery power. While underway the ship can operate from the batteries or the diesel generators.

The captain monitors the energy needs of the vessel and selects the most efficient energy source.

The American Traction Systems Propulsion Inverter is able to seamlessly switch between 480VAC supplied by the generator and the 320VDC battery supply while the ship is underway.

ALCATRAZ HYBRID FERRY

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