



Overview

CASE STUDY:

Alcatraz Clipper - San Francisco Bay USA

PRODUCT:

PowerKit 6M26.3

DUTY:

Continuous, Heavy, Intermittent

POWER OUTPUT:

883 - 1214 kW

APPLICATION:

Marine Propulsion

PARTNERS:

Alcatraz City Cruises Fleet

The Alcatraz City Cruises Hybrid Ferry Fleet has redefined the profile of vessels on San Francisco Bay. As the nation's first hybrid passenger ferry service, our fleet's mission is far more important than its appearance.

When the solar panels on top of the vessels absorb sunlight and energy is generated by the wind turbines, power is provided to charge the 12V DC batteries. Additional power is provided by diesel generators for more efficient movement through the water. Each of the hybrid vessels in Alcatraz City Cruises Fleet can operate on propulsion batteries alone for over an hour, providing a silent cruise around San Francisco Bay.

Alcatraz City Cruises, with our hybrid passenger ferry fleet, is leading the way in environmentally-friendly vessels and decreases our carbon footprint daily. The Alcatraz Clipper is one of the cruise's passenger tourism vessels that have been powered by a Baudouin 6M26.3 P2 diesel propulsion engine. Hornblower Cruises and Events trusted Baudouin on this project for the great engine torque in 16L, good warranty and flexible technical solution.

- Service Date: October 2007
- Cruise Speed: 10 knots
- Capacity: 700 passengers
- Tier: Tier II
- Hull: Monohull, Steel
- Horsepower: 1400 from diesel electric engines
- GRT: 97
- 127 feet long
- Decks: 3
- Main Deck: snack bar, restrooms, indoor seating, accessible outdoor viewing
- Second Deck: outdoor and indoor seating, display monitors
- Third Deck: wheelhouse, outdoor seating

