

Island Class

The Island Class vessels will be delivered with **800 kWh** of battery energy storage capacity and can be upgraded to **2,000 kWh**

Battery-hybrid power system improves efficiency and reduces emissions

Integrated propulsion and ship services power system reduces the number of diesel generators

At 14 knots, the Island Class is faster than the vessels they will replace.

The exhaust system reduces NOx emissions through selective catalytic reduction

Designed to be fully accessible without elevators, reducing energy consumption, operating cost & complexity

Vessel completely outfitted with LED lighting

Twin-propellers designed to reduce underwater radiated noise

Machinery is vibration isolated to reduce underwater and ambient noise

Low friction & biofouling resistant hull coating reduces fuel consumption

Ocean Networks Oceanographic Sensors monitor the marine environment

Heat recovery system uses waste thermal energy to heat the vessel