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.

BCFerries