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BAE Systems



Under Construction



Capacity: 150 Passenger Ferry
Operation: Puget Sound – Bremerton
Designer: Glostén



Under Construction



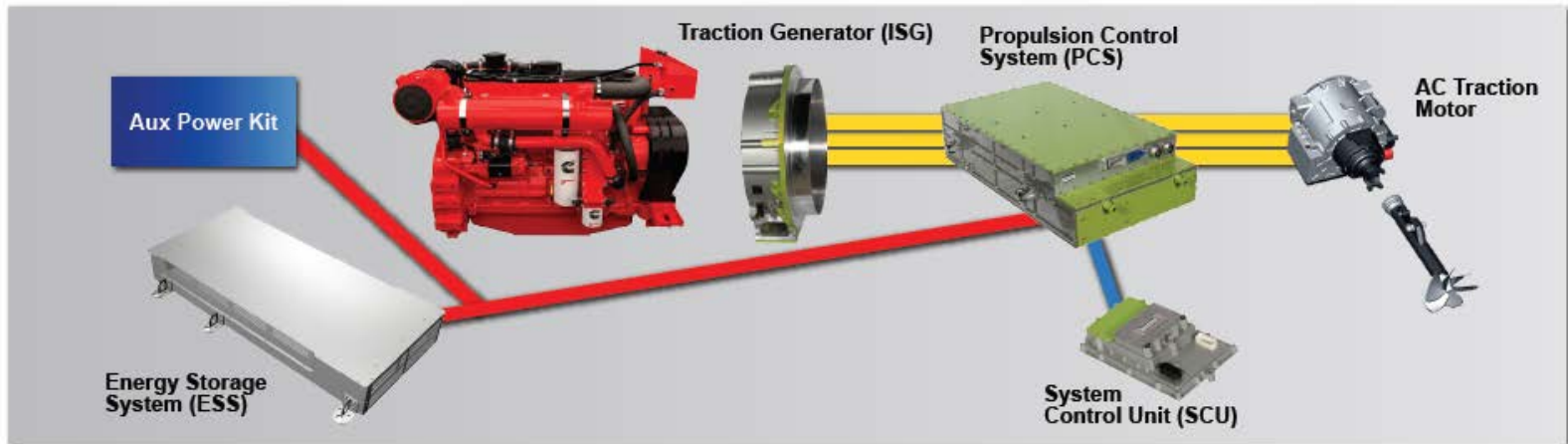
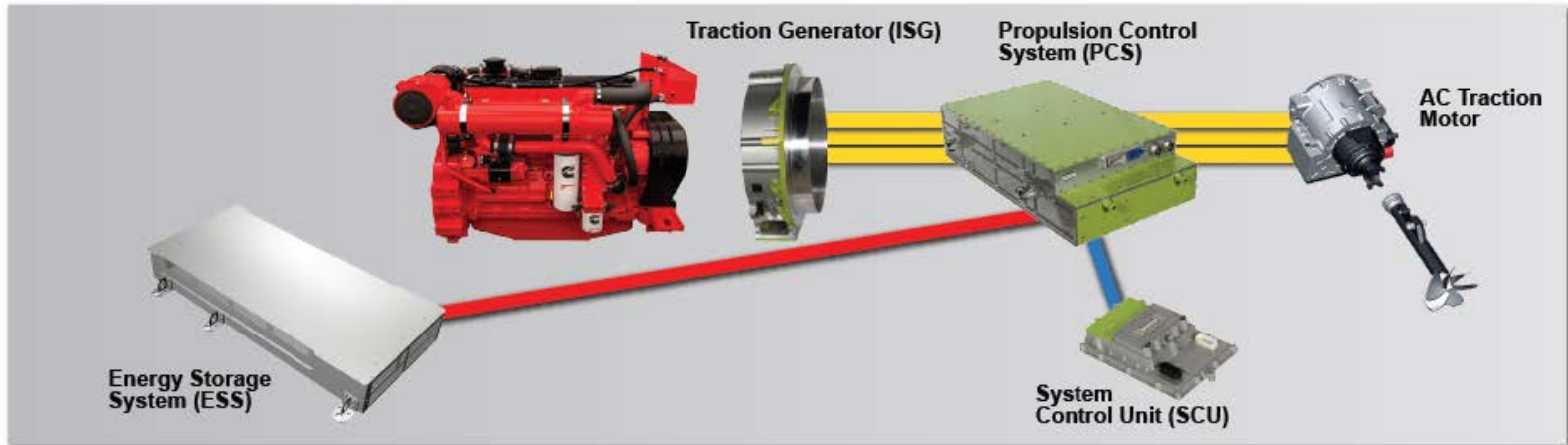
Capacity: 600 Passenger Ferry
Operation: San Francisco Bay
Designer: Teknicraft Design

Viable Hybrid Solutions for Ferries

- Diesel Electric Hybrid: HybriGen
 - Diesel engine paired with a variable speed generator
- Benefits:
 - Propulsion
 - Auxiliary Power
 - Propulsion + Auxiliary Power
- Energy Storage System: Lithium-ion Batteries
 - Option for all-electric operation

Marine Application

3 Ph Variable Speed
600Vdc



Integrated power system combines propulsion, electric generation, storage, and distribution into one compact and unified system.

Hybrid Solutions for Ferries

- Hybrid Assist
 - Diesel engine with hybrid ready gear box
- Benefits:
 - Electric Mode
 - Mechanical Mode
 - Power Generation Mode
 - Electric Boost Mode

Hybrid Assist Example

