



Ferries & Passenger Vessel Project Samples

Inland Waterway Tour Boats - Design of electric tour/sightseeing boat “Queen Elizabeth” and ‘Colonial By Drive’ for operation in Ottawa.



Passenger Ferry - Preliminary design and development of technical specification for a new 63m Pelee Island ferry for the Ontario Ministry of Transportation.



RoPax Ferries - Provide ongoing provision of technical advisory services to Transport Canada during design and construction of two ferries to replace MV Holiday Island and MV Madeleine.



Whale Watching Catamaran - Design and construction support for 65' whale watching catamaran. hull development, resistance and propulsion calculations, full design of structure, all mechanical systems and outfit, stability calculations, regulatory approvals, provision of construction drawings.

Structure Repair - Engineering support for replacement of damaged structure of freshwater tank board MV Blue Puttees for Marine Atlantic. Investigation included: tank survey, reverse-engineering of the tank pressure based on observed damages using non-linear analysis, provision of structural repair drawings and specifications, regulatory approvals, recommendations on tank maintenance including coatings to prevent future tank damage.