

## Torpoint Ferry Study

**Client:** Cornwall County Council  
**Location:** Devon  
**Size:** Study  
**Working With:** -  
**Start Date:** 2003

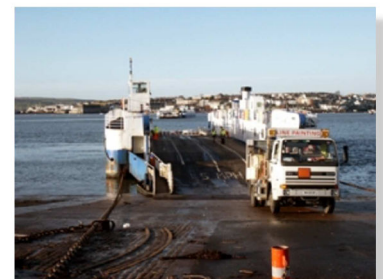
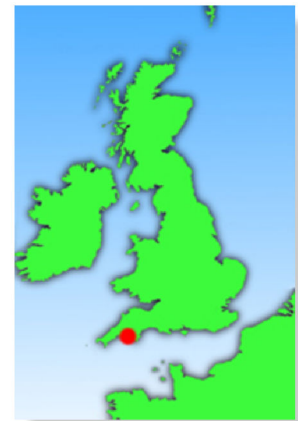
Three chain ferries carry road vehicles on the Tamar crossing between Devonport and Torpoint in Plymouth Harbour. Two of the double ended ro-ro vessels are more than 40 years old and had reached the end of their useful life. The vessels were to be replaced with larger ferries and the shore ramps needed to be reprofiled.

Beckett Rankine inspected the shore structures at each end and carried out an assessment of what would be needed and how the works could be carried out without interrupting ferry services. This included repairs, reprofiling and refurbishment of the slipways.

- Ro-Ro Ferries.
- Slipway refurbishment.
- Structural integrity investigation.
- Concrete in tidal conditions.

A ferry has operated on this route since 1791, with the first chain ferries being introduced in 1832. Vessels have been replaced over the years, with the third ferry being added in 1930. Demand for the service has recently increased with the development of more residential areas in Torpoint.

*A Ferry and Slipway*



*Vehicles Unloading*

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