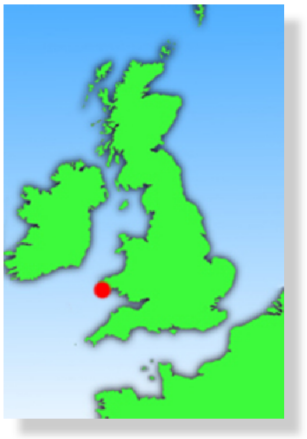
Milford Haven South Hook LNG Terminal



Client: M W Kellogg
Location: Milford Haven
Size: £50,000,000
Working With: Exxon Mobil
Start Date: 2004

A new LNG import terminal is being planned for construction at Milford Haven at the site of the former Exxon Mobil Oil refinery in this naturally protected harbour in South Wales. This terminal is likely to receive more than 15 million tons of liquefied gas per annum to boost the UKs depleted gas supply from the North Sea.

Beckett Rankine carried out a peer review of the Front-End Engineering design of the marine civil engineering aspects. An auditable question and answer format was used with a dialogue between designers and client so that critical issues could be agreed for the final deliverables.

- LNG terminals.
- Jetty refurbishment.
- Concrete in marine environment.
- Pre-stressed concrete piles.

Much thought was given to the question of repairing and reusing the existing concrete jetty or the alternative of wholesale reconstruction. Environmental impact mitigation, construction timescale, and risk of cost escalation were all considered in addition to basic engineering feasibility.

LNG Tanker

Access Roadway to Berth 3

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