

Ross-Shire Engineering was engaged by one of our longstanding customers to assist with developing their spoolbase to make it ready for interfacing with Technip's new pipe laying vessel, Deep Energy.



Ross-Shire Engineering were engaged to provide several innovative pieces of equipment, taking an initial concept through detailed design and analysis, to manufacture, testing and installation.

KEY COMPONENTS OF THIS SCOPE INCLUDED:



STALK RACKS

Suitable for storing pipe stalks of up to 24" in diameter, 2km long pipe stalks protected with long lasting UHMWPE pads, and having the facility to fit modular Diablo rollers assemblies on both sides or only one side.



VESSEL APPROACH ROLLERS

Complete with modular stools providing support for pipes from 2" to 24" to match a range of pipe catenary characteristics. Rollers rated to 13Te can handle demanding loads, and the coating is designed for a long life in aggressive environment.



SPOOLING TOWER

Providing twin spooling line capability, allowing for variable height support to accommodate different vessels, loading and tidal conditions. Each side separately driven and controlled by its own air winch.



VESSEL ACCESS GANGWAY

Allowing access to two different vessels, walkway that is both extendable and angularly adjustable by means of combined hydraulic system. Complete with swivel and float mode for cylinders allowing compliance with vessel movement, loading and tidal conditions.

