


Technical Analysis and design, Classification of Offshore Units in Decommissioning

- Project
 Technology
 Waste Management
 Operator
 Cleaning
 Well P&A
 Disconnection
 Removal & Lifting
 Other (Technical Analysis)

Company Details		
Company Name	DNV GL	
Email		
Tel no.		

Overview (max 250 words)

DNVGL performed a technical analysis for the client company, a specialized Single-Lift Vessel (SLV) under construction. The semi-submersible vessel obtained a Main Scantling Approval by DNV, which implies that the SLV will can install, decommissioning, repairing and transporting offshore oil and/or gas structures, marine vessels and other large offshore structures. The SLV vessel obtained also certificate of fitness for the marine lifting systems and operations as a decommissioning vessel in 2006.

Results (max 250 words)

DNVGL confirmed the ships features to allow it to operate independently of accommodation vessels or tugs. This provides all the topsides and sub-sea support functions necessary to remove platform decks, modules and jackets. Being self-propelled there is no need to transfer the jacket or topside to barges for transportation to shore, eliminating the potential hazards involved in cutting steel and ship to ship transfers of heavy items offshore. The U-shaped layout along with the ballast system allows the ship to lift and support the full weight of topsides weighing up to 16,000 tons, or about 95 % of all topsides installed world-wide today. The jackets are also lifted vertically and secured for transportation with sufficient vertical clearance for transportation to shore. The jackets will be set down inshore and cut in two pieces for onshore load in and dismantling.