



Technip - Pipe Lay Vessel Deep Energy

General:	This vessel was designed for Technip (UK) and was constructed at STX Heavy Industries (Korea). The vessel has twin 2,800 ton reels and has a top tension capacity of 450 tons for laying rigid steel pipes and flexible products up to 18" in diameter through a dedicated lay tower installed at the stern. The vessel is equipped with a 150 ton crane, a PLET (pipeline end terminations) handling system and accommodation for 140 people.		
Main Particulars:	Length o.a., approx.		194.50 m
	Length p.p		172.70 m
	Breadth, moulded		31.00 m
	Draught, design		8.20 m
	Depth to main deck		15.00 m
	Draught, summer load		8.80 m
Speed:	Service speed		20.00 kn
Machinery and Equipment:	Main engines	6 x Wartsila 9L32	
	Installed power	24,90 MW	
	Propulsion		
	Tunnel trusters	2 x 2.25 MW	
	Retractable thruster	2 x 3 MW	
Miscellaneous:	Classification	DNV + 1A1, ICE-C, DYNPOS AUTRO	
	IMO number	9215359	
Scope of Work:	Concept Design		
	Lines drawing		
	Weight estimate		
	Initial stability calculations		
	Speed and power prediction		
	HVAC plan approval		
Ref. No.:	KEH 06045		

