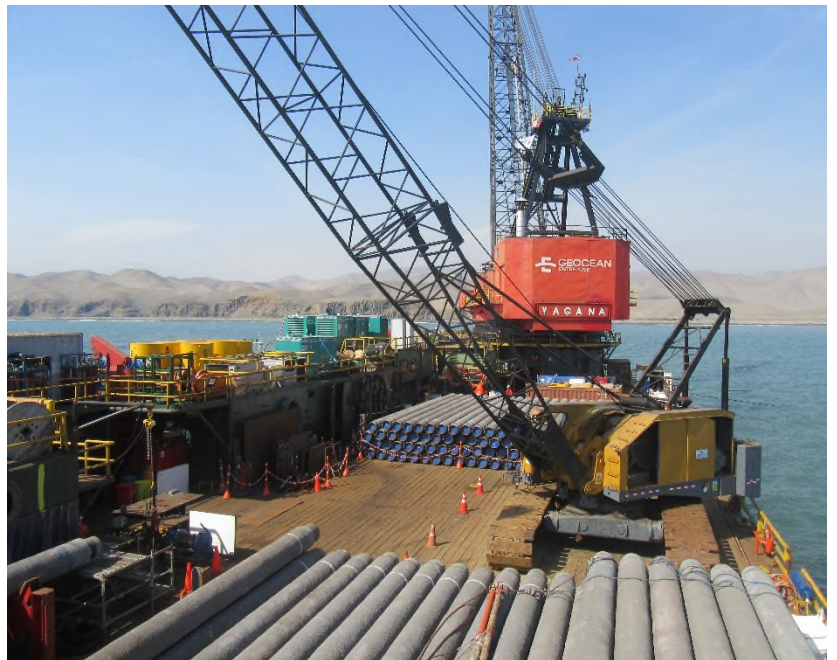




## PIPE LAYING & DERRICK CRANE BARGE

Classification: ABS A1  
Flag: Panama  
Port: Panama

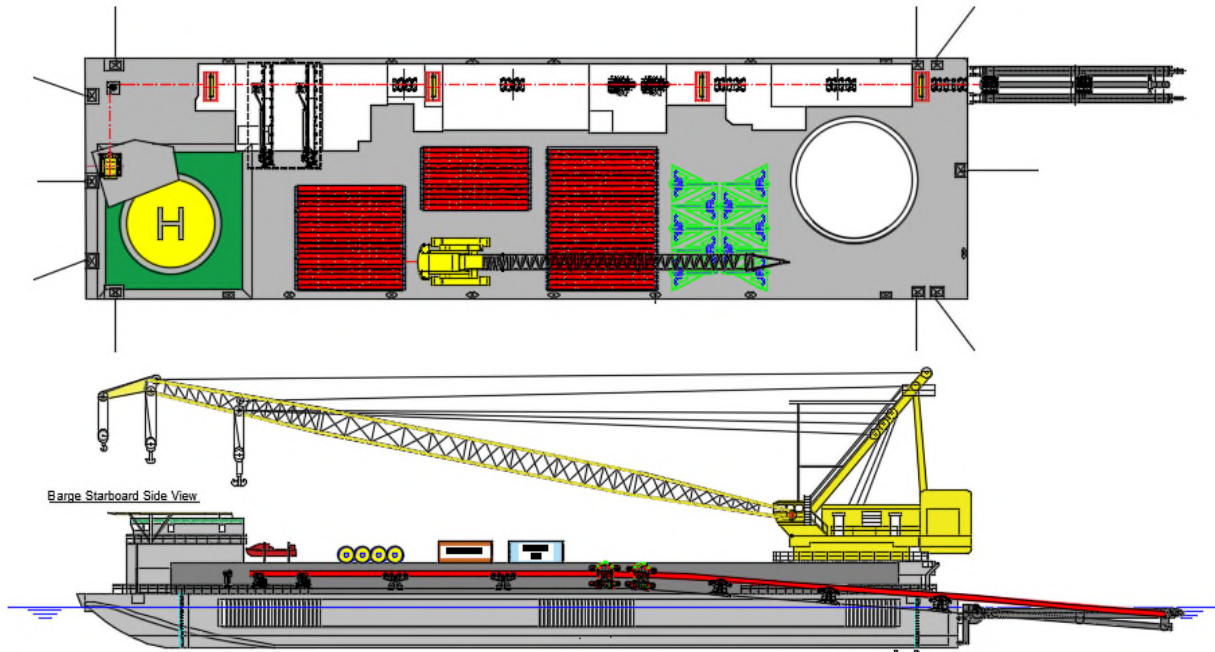
Dimensions: 99.1m x 27.5m  
Mooring system: 10-pt mooring  
Pipe lay system: from 4" to 54"  
30t tensioner  
Deck area: 1 200 m<sup>2</sup>  
Accommodation: 129 berths



Marine  
**Expertise and Innovation**

<b>PRINCIPAL DIMENSIONS</b>	
LOA	99.09m
BREADTH	27.43m
DEPTH MLD	6.71m
DRAFT MLD	3.31m
DRAFT MAX	4.66m
GROSS TONNAGE	5 807
NET TONNAGE	1 742
DISPLACEMENT MAX	10 700 t
DISPLACEMENT LIGHT	5 389 t
<b>ANCHORS &amp; MOORING SYSTEM</b>	
MOORING ARRANGEMENT	20-points mooring system (10 fixed + 10 mooring lines)
MOORING WINCHES	2x triple drum hydraulic winch Clyde of 110 000 Lbs capacity 2x double drum hydraulic winch Skagit RB-90W of 92 200 Lbs capacity Speed Integrated monitoring system (CCTV, Tension & payout meter) - Central bridge control
MOORING WIRES	10x 44mm between 600m (lateral) and 900m (bow / stern)
ANCHORS	10x 10t Flipper Delta Anchors + 2x emergency anchors
<b>MACHINERY</b>	
DIESEL GENERATOR SET	3x 350kW – CATERPILLAR D379 - 450V/60Hz
EMERGENCY GENERATOR SET	1x 150kW – CATERPILLAR D336 - 450V/60Hz
COMPRESSORS	3x 120lb Atlas Copco 1x 130lb Atlas Copco 2x 120lb Sulaire/Caterpillar
FUEL OIL CONSUMPTION	Berth: approx. 1.0 m <sup>3</sup> /day Pipelay: approx. 3.5 m <sup>3</sup> /day
<b>EQUIPMENT &amp; PUMP</b>	
FUEL OIL PUMP	1x 7 m <sup>3</sup> /h
FRESH WATER PUMP	2x 7 m <sup>3</sup> /h
BALLAST WATER PUMP	2x 450 m <sup>3</sup> /h
<b>TANK CAPACITY</b>	
FUEL OIL	683 m <sup>3</sup>
FRESH WATER	4 145 m <sup>3</sup>
POTABLE WATER	589 m <sup>3</sup>
BALLAST WATER	3 630m <sup>3</sup>
<b>ACCOMMODATION: 129 berths</b>	
TWO-PERSON OFFICER BERTH	2x (2) persons
FOUR-PERSON OFFICER BERTH	3x (4) persons
FOUR-PERSON BERTH	26x (4) persons
OTHER BERTH CAPACITY	1x (3) + 1x (6) persons
OFFICES	2x (3) persons
MEETING ROOM	2x (12) persons
<b>SAFETY</b>	
LIFE RAFTS	7x 25 persons
FAST RESCUE BOAT	1x 6 persons
FIRE PUMP	1x 72 m <sup>3</sup> /h
EMERGENCY FIRE PUMP	1x 20 m <sup>3</sup> /h
<b>TELECOM</b>	
RADIO STATION	2x VHF + 1x HF





DECK	
DECK STRENGTH	10t/m <sup>2</sup>
DECK AREA	Approx. 1 200m <sup>2</sup>
DECK TUGGER WINCHES	2x 5t
PIPELAY	
CAPACITY	From 4" to 54"
TENSIONER	2x 15t – RASCO T40
A/R WINCH	1x 45t – MANITOWOC 390 - 36m/min – 41mm wire
STINGER	2x 24m floating stinger sections (Ballast command, depth meter, subsea camera)
WORK STATIONS	5 work stations (Typ. 3x welding, 1x NDT/repair, 1x field joint coating)
WELDING SYSTEM	Can accommodate manual, semi-automatic and fully automatic
CRANES	
MAIN CRANE	CLYDE 42 DE Capacity: 500sT at 20 – stationary 400sT at 24 - fully revolving Boom length: 60m Main - 70m Aux. - 75m Whip 1 x 10t tugger winch for hook control 4 x 5t tugger winches for load control
CRAWLER CRANE	MANITOWOC 3900 w Capacity: 90t at 6m 35m boom length
NAVIGATION SYSTEM	
Gyro compass	1x SPERRY 37
Eco-depth sounder	1x FURUNO FCV-S-81-L.

# MAIN CRANE LOAD CHART

