

RS ALEGRANZA

DRILLING/OFFSHORE WIND SUPPORT



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BOWER

CLASS & FLAG

Yard	Wuhu China, 2013
Flag	Portugal / MAR
Class	DNV
Class notation	+ Hull+ Mach- DSV(S upply), Unrestrictenda vigatio-n+ A UT-UMS OYNAPADMS/ ATR

Main particulars

Gross tonnage	3,406
Deadweight (summer)	3,426 tonnes
Length OA	80.50 m
Breadth mld	18.00 m
Draught (summer)	6.10 m
Service speed	abt. 10-12 knots

Manouvering & Propulsion System

Forward tunnels	2 x 610 kW
Aft tunnels	2 x 610 kW
DP	DP2 Kongsberg KPOS
Reference Systems	2 x Independent DGPS HiPAP Tautwire
Subsea Positioning	Bow "A" Frame + 1000 m wire for transponder deployment

POWER GENERATION

Main Engines	2 x 2.350k W@75rDpm - MAK8 426 driving 1.600 kW alternator and CP propeller Kongsberg
Shaft generators	2 x 1,600 kW
Main alternators	2 x 350 kW
Harbour/Emergency set	2 x 190 kW
Main electric power	440 V / 3 ph / 60 Hz

Deck services for ROV's, etc.

Electrical Power	1,000 kW
Compressed Air	5.6 bar
Moonpool	

Acomodation

Wheelhouse and accommodation fully air conditioned	
Single berth cabins	2 suites + 10 en-suite
Two berth cabins	24 en-suite
Hospital	1 berth
Complement	60 persons



Cargo equipment

Deck strength	5 tonnes / m ³
Deck Load	1,200 tonnes
Helideck	D Value of 18.7 m and max gross weight of 8.6 mt

Heli-reception room and full emergency equipment

Service crane	1.5 t / 22 m
Knuckleboom type 2 t winch	2 tonnes @ 10 m radius
Windlasses	2 x 15 t hyd.
Capstans	2 x 10 t hyd.

Capacities

Fuel oil cargo	1,000 m ³
Potable water	933 m ³
Drill water	900 m ³
Liquid mud	399 m ³
Brine	367 m ³
Base oil	170 m ³

