

CSV SOUTHERN OCEAN

EQUIPMENT SPECIATION

GENERAL DESCRIPTION

Type:	Construction support vessel
Classification:	DnV +1A1, DYNPOS-AUTR, EO, DK(+), CLEAN, CLEAN DESIGN, COMF-V(3), NAUT-OSV, HELDK.
Flag:	Malta
Year of Build:	2010
Builder:	Metalships & Docks, Vigo, Spain

PRINCIPAL DIMENSIONS

Length OA:	136.60 m
Length BP:	120.40 m
Beam:	27.00 m
Draft Max:	6.85 m
Depth Main Deck:	9.70 m
Speed	15 knots

MAIN DECK AREAS

Total:	Approx 2400 m2
Deck Strength:	10 tonnes/m ² overall
Deck Hatches	Two 4 x 3 m hatches

MAIN DECK AREAS

Main Crane:	Knuckle Jib crane amidships, PS
2500 m Wire	250 tonnes AHC @ 10 m 75 tonnes @ 35 m
Auxiliary:	20 tonnes @ 36 m
Aft. Crane:	Knuckle Jib crane aftships, PS
1/2 Falls	90/110 tonnes @ 12 m
2000 m Wire	30/30 tonnes @ 30 m
Auxiliary:	10 tonnes @ 30 m
Provision crane:	S.W.L 5 Tonnes @ 12 m
moon pool :	7.2 x 7.2 m with Hatch
Mooring winches:	Two off 10 tonnes
Stabilising equipment:	Two passive roll reduction tanks Two ant heeling systems

WATER MAKERS

Freshwater gen.:	2 off each 25 m ² per day
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HELIDECK

Size:	D-Value 20.88m (size 26.1m) Suitable for Sikorsky S-92 (12.8 ton)
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AUXILIARIES

Harbour generator:	Caterpillar, 580 kW
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MAIN ENGINES

Number & Power:	Wartsila, 4 off, 3230 kW each
Generators:	4 off 3360 kW
Propulsion:	Rolls-Royce, Two Azipull thrusters each 3500kW
Bow Thrusters:	Rolls-Royce, One Swing-up Thruster off 1500 kW Two Tunnels off 1500 kW

DYNAMIC POSITIONING SYSTEM

Mark:	Kongsberg Maritime K-Pos 21
Class:	DnV DYNPOS-AUTR, complies NMD class 2
Reference Syst.:	Two Kongsberg HiPAP 500 Two DGPS 116/132 LTW Taut Wire Mk15 Fan Beam

CAPACITIES

Deadweight @ 6.85 m draft:	10 000 tonnes
Fuel Oil:	App. 1700 m ³
Portable Water:	App. 600 m ³
Ballast Water:	App. 7400 m ³

CLIENT & OFFICE FACILITIES

Offices and Facilities:	One Offline office on 01 ACC. One online office on 04 ACC. One conference room One briefing room / cinema
Work shop:	One below main deck
Clean Power Sup.:	Sufficient UPC Systems available

ACCOMMODATION 120 Persons

Number of Cabins:	50 one man and 35 two man one hospital with two beds.
Mess room:	60 Seats
Recreation room:	50 Seats
Conference room	12 Seats
Reception room:	Reception room for helideck
Recreation facilities:	Gymnasium, sauna and cinema

Specifications are subject to change without prior notice.