

CSV SOUTHERN OCEAN

EQUIPMENT SPECIFICATION

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. 2,400 m ²
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
2,500 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
2,000 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 of 10 tonnes
Stabilising Equipment:	Two passive roll reduction tanks Two anti heeling systems

WATER MAKERS

Freshwater Gen.:	Two of each 25 m ³ per day
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HELIDECK

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

Harbour Generator:	Caterpillar, 580 kW
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MAIN ENGINES

Number & Power:	Wartsila, 4 x 3,230 kW
Generators:	4 x 3,360 kW
Propulsion:	Rolls-Royce, two Azipull thrusters each 3,500 kW
Bow Thrusters:	Rolls-Royce, One Swing-up thruster of 1,500 kW Two tunnels of 1,500 kW each

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

DWT:	10,000 tonnes
Fuel Oil:	Approx. 1,700 m ³
Portable Water:	Approx. 600 m ³
Ballast Water:	Approx. 7,400 m ³

CLIENT & OFFICE FACILITIES

Offices & Facilities:	One Offline office on 01 ACC. One Online office on 04 ACC. One conference room One briefing room / cinema
Workshop:	One below main deck
Clean Power Sup.:	Sufficient UPC systems available

ACCOMMODATION 120 Persons

Number of Cabins:	50 one man and 35 two man 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. Rev 4