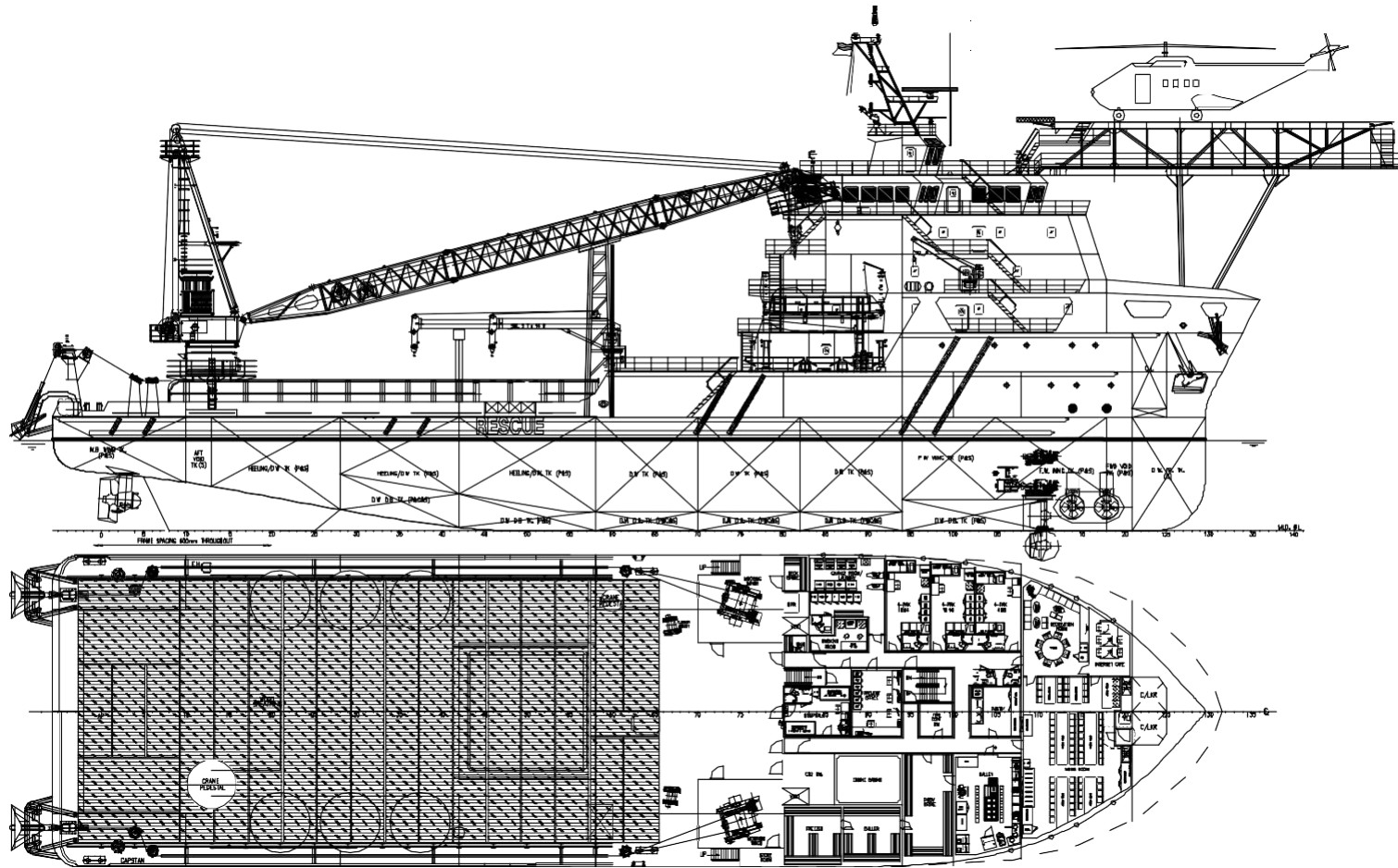


# BRIEF SPECIFICATION 简要规格书

VESSEL TYPE 船型: 85m SUBSEA SUPPORT /MAINTENANCE VESSEL (5900HP DP2) (TYPE C)水下支持/维护船



主要参数 Principal Particulars		通讯及导航设备 Radio and Navigation Equipment	
总长 Length Overall	85.00 m	X 波段雷达 X-Band Radar	Furuno FAR-2117-BB
垂线间长 Length Between Perpendiculars	77.75 m	S 波段雷达 S-Band Radar	Furuno FAR-2137S-BB
型宽 Breadth Moulded	22.00 m	测深仪 Echo Sounder	Furuno FE-800
设计吃水 Designed Draft	6.30 m	卫星定位仪 DGPS	Furuno GP-170
型深 Depth Moulded	8.00 m	电罗经 Gyro Compass	Anschutz Standard 22
甲板承重 Deck Loading	7.5 t /m <sup>2</sup>	桥楼报警系统 BNWAS	Furuno BR-500
甲板净面积 Clear Deck Area	750 m <sup>2</sup>	磁罗经 Magnetic Compass	Lilley & Gillie MK2000
甲板载货 Deck Cargo Capacity	800 t	自动识别系统 AIS	Furuno FA-150
试航航速 Trial Speed (100% MCR)	12.50 knots	自动舵 Autopilot	Anschutz Pilotstar D
船级社 Class	ABS	气象传真 Weather Facsimile Receiver	Furuno FAX-408
入级符号 Notation	ABS+A1(E) Offshore Support Vessel (Supply-HNLS, FFV1), +AMS, ACCU, DPS-2, SPS, RW, HELIDK, CRC, UWILD	计程仪 Speed Log	Furuno DS-80
		航行数据记录仪 VDR	Furuno VR-7000
<b>装载能力 Cargo Capacities</b>		无线电设备 Radio Equipment	Furuno RC-1800T for A1+A2+A3 Areas
燃油 Fuel Oil	1150 m <sup>3</sup>		1 x Furuno FS-2575 MF/HF
淡水 Fresh Water	740 m <sup>3</sup>		2 x Furuno Felcom 18Inmarset-C
钻井水 Drill Water	1750 m <sup>3</sup>		2 x Furuno FM-8900S VHF
压载水 Ballast Water	280 m <sup>3</sup>		1 x McMurdo E5 EPIRB
泥浆/盐水 Mud/Brine	410 m <sup>3</sup>		3 x McMurdo R5 VHF Handheld
防倾斜 Anti-heeling	440 m <sup>3</sup>		2 x McMurdo S4 SART
干散水泥 Dry Bulk Cement (4 x 2000CUF)	Abt. 226 m <sup>3</sup>		1 x Furuno NX-700A Navtex Receiver
泡沫 Foam	20 m <sup>3</sup>		
分散剂 Dispersant	20 m <sup>3</sup>		
<b>船员住舱 Accommodation</b>		<b>动力定位控制系统 Dynamic Positioning System (DPS-2 : 1 x DPS700 + 1 x Cyscan + 1 x Hipap501 + Taut Wire) (Kongsberg)</b>	

4 x 1 人间 Single Berth Cabins	4 Men	<b>甲板机械 Deck Machinery (Mentrade)</b>	
10 x 2 人间 Double Berth Cabins	20 Men	锚机 Anchor Windlass	1 x 16t@12m/min for $\phi$ 58mm(U2)
44 x 4 人间 Four Berth Cabins	176 Men	4 点定位锚绞车 4-point Mooring Winches	4 x 40t@ 10m/min at 1st speed 12t@ 27m/min at 2nd speed
总计 Total	200 Men	拖带绞车 Tugger Winches	2 x 10 t @ 15m/min
医务室 1 x Hospital	2 Men	绞盘 Capstans	2 x 10 t @ 15m/min
<b>动力推进系统 Propulsion System</b>		甲板吊机 Deck Crane	South China Marine Machinery: 1 x 100 t/16m
主机 Main Engines	Niigata: 6L28AHX 2 x 2200kw/800rpm	辅助吊机 Auxiliary Crane	Jiangsu Haitai: 1 x 3 t/14m
舵桨机 Azimuth Thrusters	Niigata ZP-41: 2 x 2 x Z-peller	<b>外消防系统 External Fire Fighting System (FFS)</b>	
主发电机组 Main Generators	Caterpillar: C32 4 x 910kw/1800rpm	消防泵 Fire Pumps	2 x 2200 m <sup>3</sup> /h @12bar
轴带发电机组 Shaft Alternators	ABB: <b>AMG 0450BB04</b> 2 x 1500 kw/1800rpm	消防炮 (水/泡沫) Fire Monitors (Water/Foam)	1 x 1200m <sup>3</sup> /h @10bar + 1 x 1200/300 m <sup>3</sup> /hr2 @10bar
应急发电机 Emergency Generator	Cummins: 1 x 192kw/1800rpm	射程 Throw Length	120 m
艏侧推 Bow Thrusters	WuHan Kawasaki: 2 x Abt 12t	射高 Throw Height	50 m
伸缩式艏侧推 Retractable Bow Thruster	Rolls-Royce 1 x <b>UL901FP</b>	<b>其他 Others</b>	
<b>泵 Pump (Desmi)</b>		油水分离器 Oily Water Separator	Ocean Clean: 1 x 1.0 m <sup>3</sup> /h
货燃油泵 Fuel Oil Cargo Pumps	2 x 150m <sup>3</sup> /h @ 75m head	生活污水处理装置 Sewage Treatment Plant	Jiangsu Nanji: 1 x 200 men/day
货淡水泵 Fresh Water Cargo Pump	1 x 100m <sup>3</sup> /h @ 75m head	制淡水机 Fresh Water Makers	Peter Taboada: 2 x 30 t/day
钻井水泵 Drill Water Pump	1 x 100m <sup>3</sup> /h @ 75m head	燃油分油机 Fuel Oil Purifier	Alfalaval: 1 x 1850 l/h
泥浆泵 Mud Pumps	2 x 70m <sup>3</sup> /h @ 80m head	滑油分油机 Lube Oil Purifier	Alfalaval: 1 x 1450 l/h
平衡/压载泵 Anti-Heeling/Ballast Pump	1 x 200m <sup>3</sup> /h @ 40m head	直升机平台 Helideck	Designed for Sikorsky S61
专用压载泵 Stern Ballast Pump	1x 200m <sup>3</sup> /h @ 100m head		
舱底泵 Bilge Pumps	2 x 75m <sup>3</sup> /h @ 60m head		
总用消防泵 General Service & Fire Pump	1 x 100m <sup>3</sup> /h @ 75m head		
应急消防泵 Emergency Fire Pump	1 x 60m <sup>3</sup> /h @ 60m head		
燃油输送泵 FO Transfer Pumps	2 x 22m <sup>3</sup> /h @ 20m head		
污油泵 Sludge Oil Pump	1 x 5m <sup>3</sup> /h @ 29m head		