

SPECIFICATION

Ultra-deep water construction and pipelay Vessel



General

Year built: 2019-2020

Builder:

Owner: Shanghai Salvage Co.

DNV and CCS double class

*CSA Salvage, Rescue Ship, DSV-SAT, Floating Crane, Lifting Appliance, Pipe Layer, Ice Class B, SPS, PSPC(B),

Class: Helicopter Facilities, In-water survey.

*CSM, AUT-0, DP-3, Electrical Propulsion System, FTP, BWMP, Clean, GWC, AFS, COMF (NOISE) 3, COMF (VIB) 3, BWMS

Flag: China

Capabilities

Deck strength: 15t/m²

MDO: 2600 m³

HFO: 1180 m³

Fresh water: 1160 m³

Deck area: 2000 m²

Duration: 60 day

The specification is given in good faith but are without guarantee.

Shanghai Salvage Company
1426, Yang Shu Pu Road, 200090, Shanghai, China.
Tel: +86-21-6519 3034 Fax: +86-21-6519 2623
E-mail: shangwu@sh-salvage.com

Main Dimensions

Length over all:	177.10 m
Breadth moulded:	32 m
Designed Draught:	7.50 m
Depth main deck:	1 st deck 14.40 m 2 nd deck 10.80m
Moon pool(Diving):	4.2x 4.2m
Deak space:	
Deadweight:	12750 T
Helideck for Sikorsky S92A/S61N:	12.8T
Helideck diameter:	22.0 m

Accommodation

Accommodation for	180 persons
Enclosed lifeboats:	2 x 90 man Each side

Performance

Speed:	14.5 knots
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Anti-Heeling System

Anti-heeling:	1 set
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DP SYSTEM

- DP III
- Kongsberg Maritime AS, SDP32
- 4 gyro Compass

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Propulsion and generation Machinery

- 4400KW diesel oil generator x 6
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- 1100KW emergency generator
- Main azimuth retractable thruster - 5000KW x 3, Rolls-Royce
- 3100KW tunnel thruster x 2
- 3000KW retractable thruster x 2

Deck Facility

- One full revolved 400T crane, With AHC and auto tension control, 3000m water depth, extend to 6000m
- One 150T AHC, 3000m water depth

Saturation Dive System

- Mobile Modular System
- 500m depth rated, 24-man system
- Double 3-man bell launched from moon-pool or over-side
- Double 24 man SPHL
- Lloyd, DNV, ABS Register Class

ROV Equipment

- 1 work class – 3000m depth 250Hp
- 1 work class – 6000m depth 150Hp
- 2 Central control room
- 1 ROV moon pool for ROV launch

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- 4 wind sensor
- 2 Taut wire 500m depth
- Hipap system

- 1 CY Seam DP Reference System

- 1 Radius Reference System

Pipe Lay

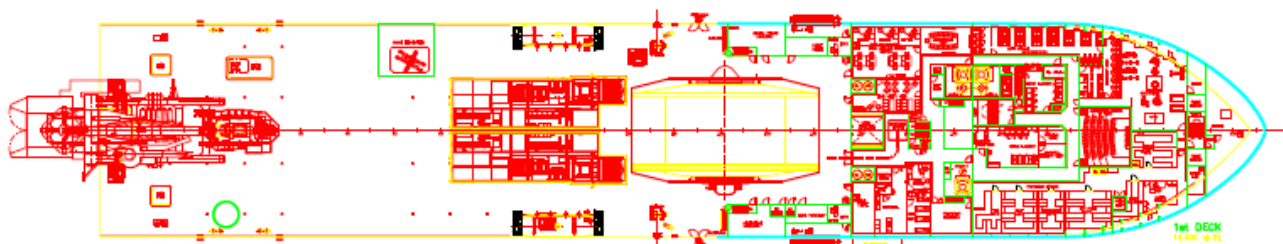
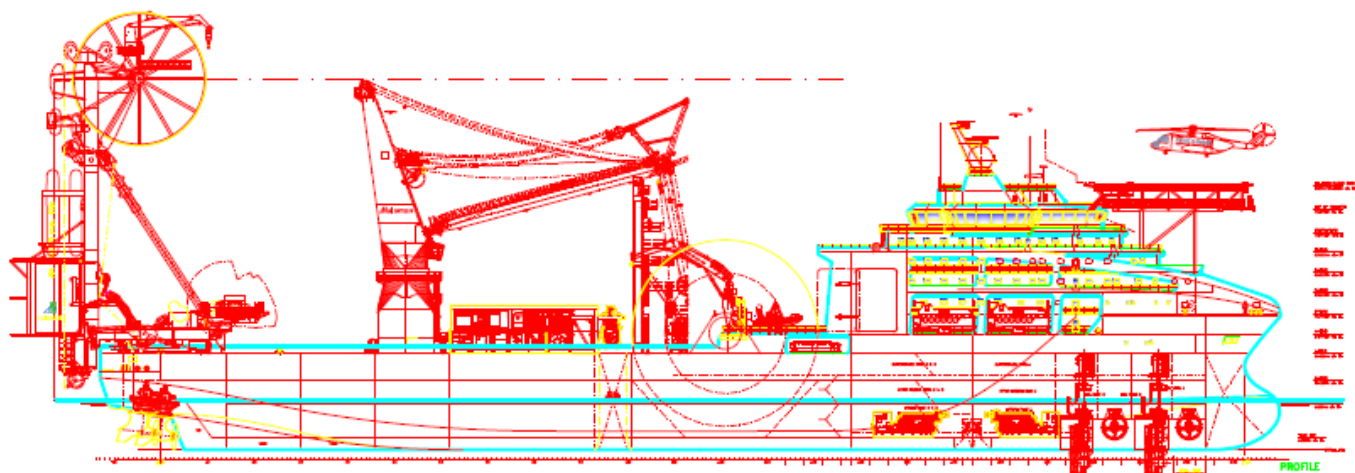
•Rigid pipe	4~18”
•Flexible Pipe	4~24”
•Max operation depth	3000 m
•Tensioner	~550T
•Primary A&R	600t
•Secondary A&R	200t
•Reel capacity	4000t
•Carousel capacity	1500t
•Ramp Angle	50 ⁰ ~90 ⁰
•PLET maximum size LxWxH	10x5x5 m
•PLET maximum weight	100 T

Navigation/Communication

- Navigation/Communication Equipment
- GMDSS A3
- Clearcomms to main work areas
- Data network on vessel
- Electronic chart system
- 2 radar
- 3 DGPS

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