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INSPECTION, MAINTENANCE & REPAIR VESSEL/DP2 - JONES ACT COMPLIANT

[illegible]

Subsea Responder

SPECIFICATIONS

► CLASSIFICATION

American Bureau of Shipping
A1, AMS, DPS-2
U.S. Flag

Builder	Bender Shipyard
Year Built	1998
Major Refit	2008 and 2011
Port of Registry	Port Arthur, Texas, USA

► MEASUREMENT

Length Overall	217.0 ft
Breadth Moulded	54.0 ft
Depth Moulded	20.0 ft
Draft (Max)	15.5 ft

► TONNAGE

GRT	2032 T
NRT	609 T

► MANEUVERING & PROPULSION SYSTEM

Main Engine	2 x EMD 16-645-E6 1950 HP each Total
BHP	3,900 BHP
Z Drive Units	2 x Kamewa Aquamaster 2001
Bow Thruster	2 x Kamewa Aquamaster TT 1650

► DYNAMIC POSITIONING

DP-2 System	Wartsila NMS6000
Sonardyne Ranger2	USBL tracking system

► ELECTRIC POWER GENERATION

Main Generator	3 x Detroit Diesel rated 250 KW / 440 V / 60 Hz / 3 Ph 1 x CAT 3508B 910 KW / 440 V / 60 Hz / 3 Ph
Emergency Generator	1 x Detroit Diesel 75 KW / 480 V / 60 Hz / 3 Ph

► CARGO DECK

Deck Area	2,771.2 ft ²
Deck Cargo Capacity	400 T

► NAVIGATION & COMMUNICATION EQUIPMENT

GMDSS (Area 3)	SE 170
VHF DSC	2 x Omni GX2400
MF/HF SSB	1 x SEA Model 2354W / 1635 tuner
EPIRB	1 x Alden 406 Mhz
SART	2 x McMurdo
Navtex Receiver	1 x Alden Nav 5
Portable GMDSS VHF	3 x ACR model 276
Inmarsat	1 x Timble Galaxy Centinal
Radar	1 x Furuno FR2115 1 x Furuno 1442 Mark Z Portable GMDSS
VHF	3 x ACR Model 276
Gyrocompass	3 x TSS Meridian
Magnetic Compass	1 x Cassens & Plath
Echo Sounder	1 x Sitex CUS 106L MK2
Speed Log	Fitted
Anemometer	Fitted
AIS	1 x Simrad A170

► MISCELLANEOUS

Oily Water Separator	1 x Nelson 10025
Sewage Treatment	1 x 73 persons
Water Maker	1 x Aquamar AQE-180

► STORAGE CAPACITY

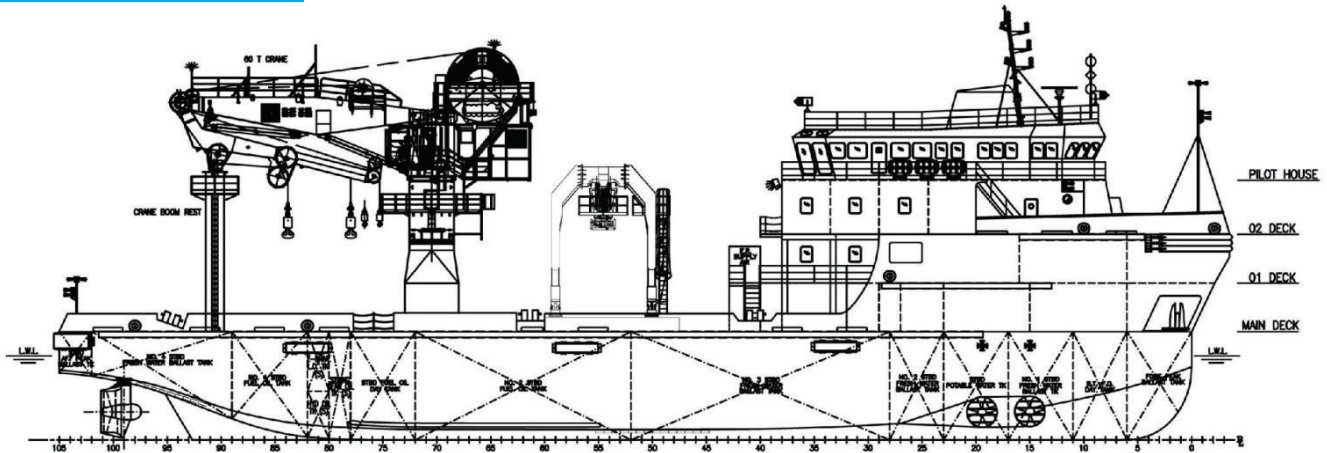
Fuel Oil	235,255 gallons
Potable Water	340,000 gallons
SW Ballast	32,229 gallons
FW Ballast	397,668 gallons

► ACCOMMODATION

Berth/Cabin	3 x 1 man 1 x 2 men 13 x 4 men
Total	57 men

Subsea Responder

SPECIFICATIONS



► SAFETY EQUIPMENT

Life Raft	8 x Life Rafts
Rescue Boat	1 x 6 persons
Davit	Ferri, SWL: 2 tons

► DECK EQUIPMENT

Subsea Crane	1 TTS Knuckle Boom Crane, Active Heave Compensation System 60 tons @ 12 m radius for water depth of 2,000 m 38 tons @ 12 m radius for water depth of 2,800 m
Anchor Windlass	1 x McElroy Machine MDW 150/OSV30E Double Anchor Windlass
Anchor Chain	2 x 1710 ft x 1-1/2 in (diameter)
Anchor (Bow)	2 x 3473 lbs High Holding Power LWT

► MISSION EQUIPMENT

Optional: Work class ROV system
Optional: Dive support equipment

** This vessel specification is given in good faith and assumed to be accurate at the time of print.*

*** Owners will not be liable for errors, omissions or misprints published. Owners reserve the right to amend this specification without notification.*

► ABOUT HYDRA

Hydra is a leading provider of offshore construction services, specializing in heavy lift operations, subsea construction, offshore construction, pipeline installation, subsea fabrication projects, engineering and other marine support services. Headquartered in Port Arthur, Texas on the Sabine Ship Channel, Hydra serves the oil and gas industry, academic institutions and government agencies in both domestic and select international markets. Hydra has you covered from **subsea to surface**.

713.818.6150 | info@hydraoc.com

