



DP-2 CONSTRUCTION MULTI-PURPOSE VESSEL

MARITIME 1

The Al Raiedah Underwater LTD Maritime 1 stands out as a versatile and multipurpose Dive ROV support vessel, well-suited for surveying, IRM (inspection, repair, and maintenance), geotechnical investigations, and light construction endeavors. Featuring cutting-edge dynamic positioning (DP) technology, an unparalleled reference suite, and exceptional sea-keeping capabilities, the Al Raiedah Underwater LTD Maritime 1 emerges as the ideal selection for your offshore construction needs.



HIGHLIGHTS

- ▲ Year of Build : 2013
- ▲ State of the art DP, power management and reference suites.
- ▲ Accommodation for 76 personnel.
- ▲ Offshore 30 Ton telescopic crane.
- ▲ 370 m2 clear deck area.
- ▲ V-Sat voice, data communications, capable of expansion to meet client demand.
- ▲ Fresh water generation capacity of 40 Tons/day.
- ▲ Satellite TV; telephone; internet connection in certain cabins (internet connection subject to bandwidth availability).



VESSEL SPECIFICATIONS

PRINCIPLE PARTICULARS

Year Built: 2013
Builder: POET, China
Class: ABS + A1 (E) offshore Support Vessel,UWILD,
CRC and RW+AMS+DPS-2
Flag: Panama
Call Sign: SFOZ
IMO Number: 9673159
SPS Code Compliant: Yes

DIMENSIONS

Length Overall: 65 m
Breadth Moulded: 16.2 m
Depth, Main Deck: 6 m
Design Draft: 4.5 m
Load Draft: 4.7 m
Dead Weight: 1,763.96 Tons
Max.Load Displacement: 3,548.96 Tons

CAPACITIES

Fuel Oil: 430 m³
Potable Water: 500 m³
Fresh Water
Generators: 2 x 20 Ton/day
Clear Deck Area: 370 m²
Open Deck
Strength: 5 Tons /m²

PERFORMANCE

Maximum Speed: 12 Knots
Endurance: 45 Days

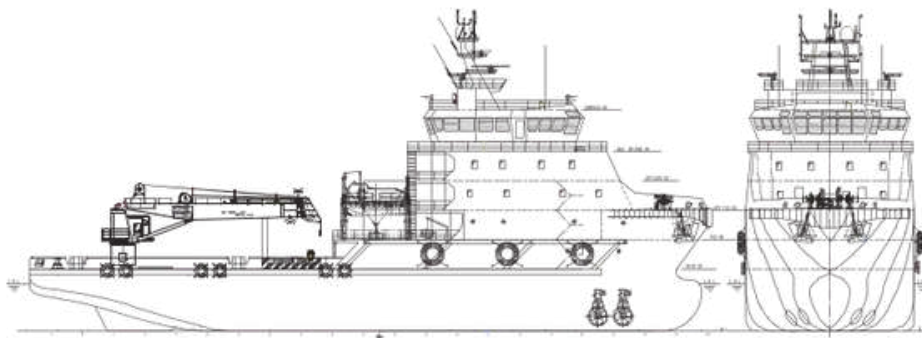
MACHINERY

Main Engines: 2 x Niigata 6L 26 HLX
1471 KW @ 750 Rpm
Propulsion: 2 x Niigata ZP-31 fixed
Pitch Z drive propeller
In kort Nozzle
Bow Thrusters: 2 x 530 kw
Kawasaki KT 88B3
Variable pitch
Generators: 4 x 530kw Caterpillar
3 phase - 415 volts,50Hz
Emergency Generator: 1 x 136 kw Cummins
6C-CS136 DM/5

DYNAMIC POSITIONING

Sensors: 3 x Gyrocompasses
2 x Anemometers.
3 x Vertical Reference units
Make: Convertean ADP Duplex
DP System
Hardware/Software Upgrade
Control Modes: Joystick Manual
Heading, DP
Follow ROV
Auto Track Sail
References: Kongsberg Seatex DPS700 (DGPS/GLONASS)
Sonardyne Ranger 2 Pro (6G) USBL
2 x Cyscan Laser Reference
1 x Taut wire

VESSEL LAYOUT



DECK MACHINERY

Anchor Windlass: Hydraulic Driven
Double Gypsies
Anchors: 2 x 1,980 kg Stockless
Bower Type (one spare)
Capstans: 2 x Vertical Type Capstans

DECK CRANE

Make: MCT. Korea
Capacity: 30 Tons @12 meters
15 Tons @ 24 meters

LIFE SAVING APPLIANCE

In compliance with SOLAS 1974

NAVIGATION & COMMUNICATION EQUIPMENT

1 x Radar X band
1 x Radar S band
DGPS (IMO Approved)
AIS
Echo Sounder
Speed Log
3 x Gyro Compass System
Autopilot
Weather Fax Receiver
BNWAS
GMDSS Radio Equipment
Navtex Receiver
Two Way Portable VHF Radio
(GMDSS)

ACCOMMODATION

Total Capacity: 76
Single Berth Cabins: 10
Double Berth Cabins: 15
Four Berth Cabins: 9
Client Office: 1
Operations Room: 1
Medical Room: 1, with 1
Recreation Room: bed 1

DECK POWER

125 Amps (52 kw), 415 volts

GAS ALARM AND DETECTION SYSTEM

W.H.Brennan for H2S and Flammable

V-SAT INTERNET AND TELEPHONE

Note: The technical specifications presented within this document are subject to change without prior notification. The information presented within this document are believed to be correct, but no guarantees of accuracy can be given.

