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CLASSIFICATION AND REGISTRATION

Year Built	2017
Flag	Singapore
Call Sign	9V3877
Official Number	400532
IMO Number	9770426
Location Built	China
Classification	Bureau Veritas
Class Notation	1* HULL* MACH, Tug, Fire-fighting ship 1 water spray, unrestricted navigation, Escort

DECK EQUIPMENT

Fwd Towing winch	60T @ 0-6m/min
Brake Holding	180T @ first layer
Drum Capacity	2 x D60mm x 220m pp rope
Aft Towing Winch	70T
Brake Holding	140T @ first layer
Drum Capacity	1 x 1000m of 52mm dia steel wire, 1 x 400m synthetic line
Towing Hook	70T with hydraulic operated
Deck Crane	1 x 0.5 Ton <u>SWL@8.6m</u> outreach

DIMENSIONS

Length O.A	31.62 m
Breadth Moulded	12 m
Depth Moulded	5.2 m
Draft (Operations)	5.415m(Approx)

EXTERNAL FIRE FIGHTING & OIL SPILL EQUIPMENT

Fire Pump	2 x 2800 m ³ /hr
Fire Monitors	2 x 1200m ³ /hr fire monitors remote control
Oily Water Separator	0.5 m ³ /hr
Dispersant System	1 x dispersant pump c/w 2 nozzle

TONNAGE

Gross Tonnage	488 T (Approx)
Net Tonnage	146 T
Displacement	<u>927.8T@4.3m</u>
Lightship	653.3 t

NAVIGATION & COMMUNICATION EQUIPMENT (A1 + A2 +A3)

Radar	1 x Xband Simrad Argus12U/6XP
DGPS Navigator	1 x Simrad MX610
Inmarsat C	2 x Thrane & Thrane Sailor 6110
MF/HF	1 x Sailor 6310,150w
AIS	1 x Simrad V5035
Speed Log	1 x John Lilley 7070MK2F
Echo Sounder	1 x JMC F-2000
VHF Radio Telephone	2 x Thrane & Thrane Sailor 6222
Navtex Receiver	1 x JMC NT1800 c/w printer
Wind Anemometer	1 x Simrad
Magnetic Compass	1 x Lilley & Gillie MK2000S
EPIRB	1 x Sailor SE406-II
GPS compass	1 x Simrad GN 70
BNWAS	1 x Navgard
SART	1 x Sailor SART II

PERFORMANCE DATA

Bollard Pull	73 Tonnes (Approx)
Speed	13 knots (Approx)

TANK CAPACITIES

Fuel Oil	abt 251 m ³
Fresh Water	abt 42 m ³
Foam Tank	abt 10 m ³
Dispersant Tank	abt 10 m ³

MAIN MACHINERIES

Main Engines	2 x NIIGATA 6L28HX
Total BHP	2 x 1838KW @ 750 RPM
Propulsion	2 x Z-Peller-ZP41, Azimuth fixed pitch Z-drive propellers
Generators	2 x 220kw e
Harbour genset	1 x 62kw

ACCOMMODATION

Complement	10 men (air conditioned)
Cabins Total	6 x Single berth 2 x tw in berth