

Fortress

72 M - 5377 BHP - DP 1 - Platform Supply Vessel

Vessel Specifications



Vessel Specifications

General

Type	Platform supply vessel UT755
Flag	Azerbaijan
Class	DNV +1A1, SF EO DYNPOS-AUT, DK(+) HL(2.5)
Year of build	2006
Place of build	Brattvaag, Norway
Port of registry	Baku
Call sign	4JMY
IMO number	9334129

Dimensions

Length overall	72 m
Length between perpendicular	67.8 m
Breadth moulded	16 m
Depth moulded	7 m
Draft summer / scantling	5.8 m
Deadweight	3300 t
Net registered tonnage	1012 t
Gross tonnage	2077 t

Machinery

Main engines	2 x Bergen 2005 kw (4010 kw)
Main generators (shaft driven)	2 x 248 kw / 440 v / 3 ph / 60 hz
Main generators (diesel driven)	2 x 310 kva / 440 v / 3 ph / 60 hz
Emergency generator	1 x 48 kva
Bow thruster	2 x 590 kw CPP tunnel
Stern thruster	2 x 590 kw CPP tunnel
Propulsion	2 x CPP (no nozzles)
Rudders	2 x Ulstein high lift
Steering gear	Tennfjord / -T622

Ancilliary equipment

Sewage treatment plant	DVZ-SKA-20 / Services GMBH, Germany
Oily water separator	Hele-Sep 1000 OLD
Liquid mud agitator	4660 / Flygt

Towing and anchor handling equipment

Tugger winch	2
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Mooring Equipment

Anchor windlass	Brattvaag LB.MGA1038MA
Bow anchors	2 x Speck 2460 kg
Chains	220 m x 38 mm / K3
Capstan	Brattvaag 2 x 8 t

Deck Crane

Manufacturer	1 x TTS
SWL and radius	3 t x 16 m
Location	Starboard main deck

Capacities

Fuel oil	1000 m3
Potable water	800 m3
Ballast / drill water	1300 m3
Liquid mud / base oil	950 m3 / 200 m3
Brine	380 m3
Dry bulk tanks	11250 ft3
Deck cargo capacity	1500 t
Deck strength	5 t per m2
Clear deck area m2	680 m2
Clear deck area max L x B	49.5 m x 13.75 m

Vessel Specifications

Performance

Maximum speed / consumption	14 knots / 14 t
Economical speed / consumption	10 knots / 7 t
Consumption at 100%	MCR 14 t

Transfer Rates

Fuel	200 m3 per hr @ 9 bar
Freshwater	200 m3 per hr @ 9 bar
Drill water / ballast water	200 m3 per hr @ 9 bar
Liquid mud / brine	50 m3 per hr @ 18 bar
Base oil	150 m3 per hr @ 9 bar
Bulk cement	80 t per hr
Bilge / ballast	150 m3 per hr @ 9 bar

Communication and navigation equipment

GMDSS station	Area 3
Satcom and type	Sat C Furuno Felcom15
SSB	Furuno Felcom15
AIS	Furuno FA-150
EPIRB	Jutron Tron 40S
Radar transponder	2 x Tron SART 9
Two-way portable VHF / UHF	ICOM IC-M1
Navtex receiver	Furuno NX-700
DP system	NMS6000 DP1 Ulstein Poscon joystick
DP reference systems	1 x Fugro Seastar DGPS 1 x Cyscan
Radar 1	1 x Furuno FAR-2137S 10 cm ARPA
Radar 2	1 x Furuno FAR-2117 3 cm
Gyro compass	2 x Anshultz 22
Auto pilot	1 x Anshultz Pilotstar D
GPS receiver	Furuno GP-150
Echo sounder	1 x Furuno FE-700
Doppler speed log	Furuno DS-80
Anemometer	1 Gill instruments

Fire fighting and anti-pollution equipment

Emergency fire pump	45 m3 x 60 m
Locker with fireman's outfit	3
Portable FIFI appliances	21 x fire extinguishers, 15 x hoses
CO2 system for engine room	Yes

Safety equipment

Life rafts	4 x 25 men
Fast rescue boat	1
Rescue boat davit	1
Life jackets	23
Immersion suits	23
Embarkation ladders	2

Accommodation

Max per LSA	23
1 berth cabins	3
2 berth cabins	7
4 berth cabins	2
Sick bay / hospital	No

CONTACT

Commercial Department
Topaz Energy and Marine
Level 58, Almas Tower, Jumeirah Lakes Towers
P.O. Box 282800, Dubai, UAE
Tel +971 4 440 47 00
Fax +971 4 440 47 99
Email marketing.topaz@topaz-marine.com

Topaz Marine Divisional Office
Nico Middle East Ltd.
P.O. Box 261005, Building 33
Oilfields Supply Centre
Jebel Ali Free Zone, Dubai, UAE
Tel +971 4 883 29 29
Fax +971 4 883 29 59
Email marketing.mena@topaz-marine.com

Topaz Marine Azerbaijan
BUE Caspian Ltd.
3rd Floor, Gurban Khalilov Street 3
Yasamat District, Baku
AZ1006 Azerbaijan
Tel +994 124 97 87 87
Fax +994 124 97 25 96
Email topazmarine.azn@topaz-marine.com

Topaz Marine Kazakhstan
BUE Kazakhstan Limited
1st Floor, 36A, Vystavochniy Business Center
14 Micro Region, Aktau
130000 Kazakhstan
Tel +772 92 42 82 72
Fax +772 92 42 82 77
Email tmkzh.aktauoffice@topaz-marine.com

Topaz Marine MENA
Doha Marine Services WWL
P.O. Box 37102, 4th Floor, Faisaliyah Building
Suhaim Bin Hamad Street, Al Sadd Area
Doha, State of Qatar
Tel +974 4410 48 00
Fax +974 4447 94 73
Email marketing.mena@topaz-marine.com