


SAYAN POWER - UT 722 - Anchor Handling Tug Supply

General	
Design	UT 722
Built	Aukra Yard Norway
Delivered	1997
IMO	9150224
Call Sign	TBN
Flag	Cyprus
Port of Reg	Limassol



Class
DNVGL, 1A1 Fire fighter(II) Supply vessel TUG DK(+) DYNPOS(AUTR) E0 Ice(C) OILREC SF

Dimension	Deck Capacities
Length overall:	74.90 m
LPP:	64.40 m
Breadth moulded:	18.90 m
Maximum draught:	6.60 m
DWT at max draught:	3,044 tons
GRT	2989
NRT	1045
	Cargo deck area: 570m ²
	Deck Capacity: 1300MT (VCG 1m)
	Deck Strength: 10 MT/m ² / 5 MT/m ²
	Accommodation for 33 persons
	9 x 1-man cabin
	5 x 2-man cabin
	4 x 4-man cabin

Power and Propulsion	
Main Engines: 2x Caterpillar 3616 DITA Total output 2x 5420 BKW: 14742 BHP	Thrusters: 1x Ulstein VROS 180 Azimuth, 1500BHP (Driven by separate generator)
Generators: 2x Caterpillar, 3406 DIT Total output 2 x 367 BKW: 985 BHP	1 x Ulstein el.driven 1200 BHP forward 1 x Ulstein el.driven 1200 BHP aft
Bollard Pull: 155 MT	2 x CPP in fixed nozzles 2 x High lift flap rudders

Speed and consumption (5m draft)	
Max speed: 16 knots - approx. 45 m ³ /24hrs	Stand by: approx. 2,5 m ³ /24hrs (outside 500m zone)
Eco Speed: 10 knots - approx. 9 m ³ /24hrs	Stand by: approx. 8 t/day (close standby)
DP operation: approx. 5 m ³ /24hrs	Towing approx. 12 t/day (40% load on propellers)

SevNor Limited

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Anchor Handling Equipment	
2 chain lockers, total 219m ³ Cable Lifters: 1 x 76mm, 1 x 92mm	Single stern Roller:

1x 300 tonnes towing and anchor handling (Brattvaag SL270WX/SBSL300WX)	
Towing drum: Wire capacity 1560 m of 76 mm wire Dia 970 mm	2x Anchor Handling /Working drums: Wire capacity 1390 m of 76 mm wire 300mt 0-6m/min
Duty on Towing drum/Working drum/AH drum 1st layer	
Break Holding Load 400 tonnes on towing drum 430 tonnes on anchor handling drums	
1x Combined windlass/towing winch B8/SL12 Braatvaag	
Towing drum 300 m 44 mm dia. wire + 25 m of 104 mm dia. synthetic rope. 1x Spare towing winch Braatvaag type ALM 3012. 2 tonnes 0-47 m/min 1x Storage/pennant winch Braatvaag type AM2215U. 15 tonnes 0-28 m/min 1x Spare wire reel Braatvaag AM2215U. 15 tonnes 0-28m/min	
Winch emergency release:	
Emergency Release Couplings (ERC) installed to disengage the drums within 3 seconds from the drive units.	

Deck Equipment	
Two tugger winches 12 tonnes. Wire capacity 100 m ø19 mm wire. Two Capstans 50 tonnes Four Towing Pins ø350 mm	Two Karm Fork ø450 mm w/MBL 750 ton Accommodate wire/chain up to 125 mm ABAS Deck Crane, Elbow Derrick. 1x Type: KDE 150-EH 15 M - 10T 1x Type: KDE 40-EH - 15 M - 3 T

Cargo - Tank Capacities / Pumps		
Tank		Pump
Ballast water/drill water	1430 m ³	1x 250 m ³ /h - 9 bar
Fresh water (potable)	713 m ³	1x 250 m ³ /h - 9 bar
Dry bulk (4 Tanks - SG)	284 m ³	100 tonnes/h
Base oil	240 m ³	1x 125 m ³ /h - 9 bar
Fuel Oil	980 m ³	1x 250 m ³ /h - 9 bar
Liquid mud - SG	416 m ³	2x 75 m ³ /h - 18 bar
Brine, - SG	302 m ³	2x 100 m ³ /h - 18 bar
ORO	1540 m ³ *	1x 250 m ³ /h - 9 bar
Methanol	121 m ³	2x 75 m ³ /h - 9 bar
Dispersant	126 m ³	N/A
*Arranged and approved according to NOFO 2009 requirements with dispersant. Vessel has been used as a field support vessel with permanent NOFO 2009 equipment on board.		

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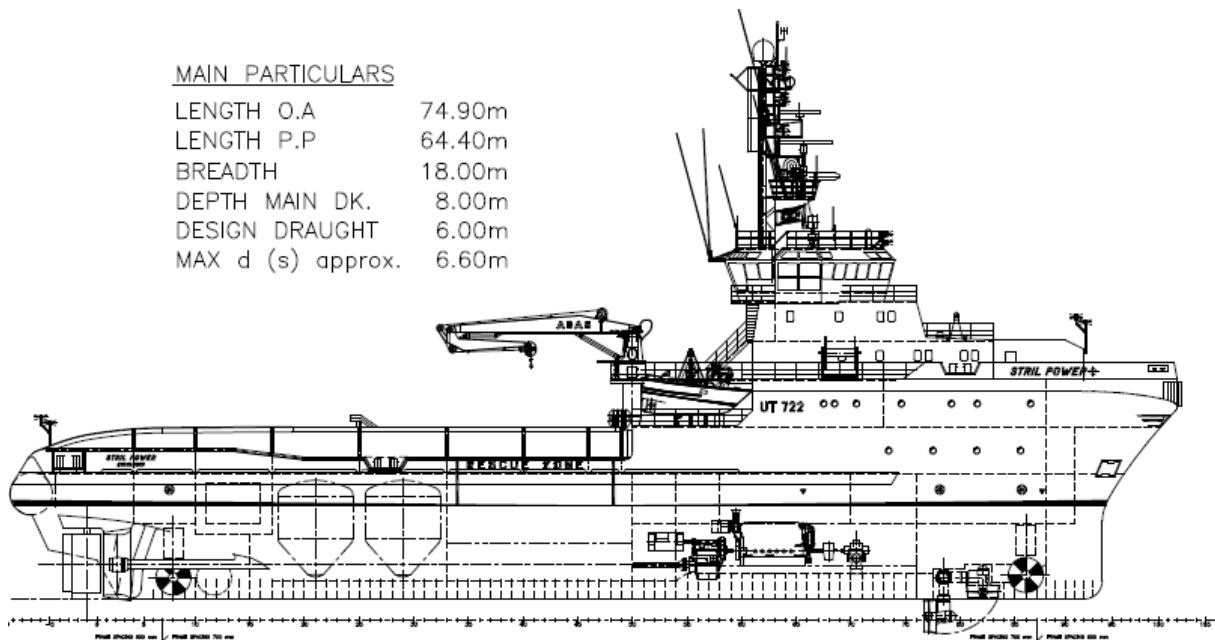
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FIFI II Equipment	DP Interfaces & Position reference systems
2 remote operated water monitors JASON with spray deflector. Capacity Water/ Foam 3600m ³ h Throw length/height: >180/110 meters in accordance to FI-FI II class requirements	Kongsberg maritime, K-Pos DP-21 1x Fanbeam MDL 4,2 1x HPR (Hipap 350) 2 x DGNSS (Seatex DPS 132 and Seatex DPS 200) ERN 99,99,85

RESCUE AND LIFE SAVING EQUIPMENT	
Hospital with treatment bench, stretchers, medicine and poison lockers, intercom and direct ship to shore communication	Medical equipment in accordance to NMD. 1 off Mob Boat type GTC 700 1 off Mob Boat type 700 FRB 1 off Dacon rescue net Rescue Certificate for 300 persons

MAIN PARTICULARS

LENGTH O.A 74.90m
 LENGTH P.P 64.40m
 BREADTH 18.00m
 DEPTH MAIN DK. 8.00m
 DESIGN DRAUGHT 6.00m
 MAX d (s) approx. 6.60m



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