



ALFONS HÅKANS

ZEUS OF FINLAND

101 t BP Icebreaking Anchor Handling Tug



General

Classification	DNV + 1A1, TUG, E0, Ice 1A Super + Fi-Fi class 1
Bollard pull	101 tons
Trading Area	World Wide
Flag	Cyprus
Port of registry	Limassol
Build	1995, Simek A.S. Norway
Call sign	5BSP4
IMO number	9130729

Dimensions

LOA	45,10 m
LPP	39,28 m
Breadth moulded	14,00 m
Depth moulded	8,20 m
Draft max.	6,66 m
Air draft	21,50 m
GRT	1102
NT	331
DWT	510 t



Propulsion and machinery	
Main engine	2 x 3685 BHP
Propellers	1 x 4 bl. c.p. dia 4200mm
Bow thruster	1 x 500kW - dia 1300 mm
Stern thruster	1 x 500kW - dia 1300 mm
Shaft generator	1 x 1500 kW
Auxiliary generators	2 x 400 kW, 1 x 144 kW
Speed and consumption	
Max speed, consumption	15 kn, 20 t/day
Eco speed, consumption	10 kn, 10 t/day
Tank Capacities	
Fuel oil (MGO)	420 m ³
Fresh Water	126 m ³
Oil Recovery	350 m ³ (can be used as a fuel tank)
Deck Lay - out	
Main Winches	Ulstein Brattvaag SL100, Break hold 250 t on first layer Pulling power 100 t on first layer
Towing wire	820 m / 64 mm - 269 t MBL
Spare towing wire	900 m / 64 mm - 274 t MBL
Tugger winches	2 x 10 tons
Towing hook	100 t
Deck crane	15 t / 2,5m - 1,25t / 15,5m
Shark jaws/stern roller	roller 4m x 1,5 m
Fast rescue boat	1 class
FiFi monitors, throw H/L	1+1 bridge control, , 50m/120m
FiFi pumps, foam tank	1+1, total 2900 m ³ , 36 m ³
Navigation and communication equipment	
Navigation and steering	2 x Radars 3 cm, ECDIS, Autopilot, 2 x DGPS, GPS compass, Gyro compass, Magnetic compass, Echo sounder, Wind indicator, Steering Joystick
Radio station	GMDSS Area A3 (world wide)



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WE MAKE IT HAPPEN

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