

Loke Viking



SGUF

ANCHOR HANDLING TUG SUPPLY VESSEL – CLEAN DESIGN

Class: DnV, +1A1, ICE-1A, Tug Supply Vessel, OILREC, SF, E0, DYNPOS-AUTR, NAUT-OSV(A), CLEAN DESIGN, COMF-V(3), DEICE, T-MON, BIS, DK(+), HL(2,8), LFL*

IMO No: 9043615

Dimensions and particulars

Delivered 2010 by Zamakona, Spain

Main dimensions:

Length o.a	85,20 m
Length between p.p	76,20 m
Beam	22,00 m
Depth to first deck	9,00 m
Depth to 2:nd deck	5,60 m
Deadweight	4 500 mt
GT	5 100 mt

Cargo deck capacities:

Deck area	750 m ²
Deck strength	10 - 15 mt/m ²
Cargo rail height	3 000 mm

Cargo tank capacities and discharge rates:

Marine diesel oil	1 960 m ³
Rate	2x250m ³ /h
Fresh water	1 250 m ³
Rate	2x250m ³ /h
Drillwater	1 270 m ³
Rate	2x250m ³ /h
Brine	821 m ³
Rate spec.g 1.8	1x100m ³ /h
Liquid mudd	965 m ³
Rate spec.g 2.8	2x100m ³ /h
Special product	2x96 m ³
Rate spec.g 1.8	2x100m ³ /h
Drybulk	4x60 m ³
Rate sec.g 2.5	75mt/h

Machinery:

2xMAK 4000kW / 5440 HP
2xMAK 3000kW / 4085 HP
Total of 19 050HP (14 000kW)

Main propellers:

2 x controllable pitch propellers, 4250mm in Nozzle

Rudders:

2 spade rudders, 2x70 deg split or synchronized

Bow thrusters:

1 azimuth thruster forward 830kW
2 tunnel thruster forward 830kW each

Stern thrusters:

2 tunnel thruster aft 830kW each

Speed and Consumption:

17 knots - 60 mt per 24 hrs
15 knots - 32 mt per 24 hrs
12 knots - 16 mt per 24 hrs
10 knots - 9 mt per 24 hrs

Bollard Pull:

Min 221 tonnes continuous forward

Auxiliary engines and generators:

Auxiliary generators 2x750kW
Harbour / Emergency gen 1x420kW
Shaft generator 2x2500kW

Towing/Anchor handling equipment:

Towing / working drum 400 tns / 550 tns brake
Wire capacity 1x1732m of 84 mm dia
1x2759m of 84 mm dia
Anchor handling drum 400 tns / 550 tns brake
Wire capacity 1x4503m of 84 mm dia
Secondary winch x 2:
Synthetic rope capacity 2x1600m of 8" dia
or
Wire capacity 2x4000m of 48 mm dia
4 Rigg chain locker tot capacity 663 m³
Sliding cranes 2x12 tns SB and PS