

Loke Viking



ANCHOR HANDLING TUG SUPPLY VESSEL – CLEAN DESIGN

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

- Ice Class 1A Super (DNV GL)
- Polar Ship Certificate; Category B vessel
- Standby Vessel – NMD 250 Survivors
- Oil Recovery – NOFO 2009 – 1985 cbm
- FiFi 2 – 2 x 3600 cbm/hr
- SPS 50 (50 Pax + Crew) *optional*

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Dimensions and particulars

Delivered 2010 by Zamakona, Spain

IMO No: 9423815

Call sign: LEUX3

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
Max summer draft	7,60 m
Deadweight	4 500 mt
GT	6 279

Cargo deck capacities:

Deck area	750 m2
Deck strength	10 - 15 mt/m2
Cargo rail height	3 000 mm
Max clear deck	42m x 18,5m

Cargo tank capacities and discharge rates:

Marine diesel oil	1 960 m3
Rate	2x250m3/h
Fresh water	1 250 m3
Rate	2x250m3/h
Drill water	1 270 m3
Rate	2x250m3/h
Brine	821 m3
Rate spec.g 1.8	1x100m3/h
Liquid mud	965 m3
Rate spec.g 2.8	2x100m3/h
Special product	2x96 m3
Rate spec.g 1.8	2x100m3/h
Dry bulk	4x60 m3
Rate spec.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 truster aft 830kW each

Misc:

FiFi II, 2x3600 m3/hr
NOFO 2009
STBY NMD 250 Survivors

Bollard Pull:

Min 257 tonnes continuous forward

Auxiliary engines and generators:

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

Towing/Anchor handling equipment:

Towing / working drum	pull 400 mt / brake 550 mt
Wire capacity	1x1732m of 84 mm dia
	1x2759m of 84 mm dia
Anchor handling drum	pull 400 mt / brake 550 mt
Wire capacity	1x4503m of 84 mm dia
Secondary winch x 2:	
Synthetic rope capacity	2x2500m of 160 mm dia
	or
Wire capacity	2x4000m of 48 mm dia
Split stern roller	total width 6,0m, dia 4,0m, MWL 750 tonnes each
4 Rtg chain locker	total capacity 663 m3
2 x Sliding cranes (SB and PS),	each 3T/14,3m, 5T/(3,2-10)m