

VOE VIKING

MULTIPURPOSE ANCHOR HANDLING TUG WORKBOAT



GENERAL

Type:	Multipurpose Vessel
Building year:	2005
Model:	Damen 2611
Classification:	Bureau veritas MCA Workboat cat 1
Flag:	UK
MMSI n°:	235008930
IMO n°:	9331139
Call sign:	MHWM4
DP:	N/A
Vessel code:	297
Last dry dock (date):	2022

DIMENSIONS

Length O.A. (m):	26
Beam O.A. (m):	11.5
Draft min. (m):	2.25
Tonnage:	161.7
Bollard pull (T):	32
Clear deck area (m2):	160
Cargo deck load (T/m2):	10
Total height (antenna folded):	10.25
Total height (antenna not folded):	15.95



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DETAILED SPECIFICATIONS



CAPACITIES

Fuel capacity (m3):	116
Fresh water (m3):	48
Sewage tank capacity (m3):	9.19
Dirty oil tank (m3):	2

CONSUMPTION (depend on weather)

Max speed cons (L/h):	350 lts @10k
Cruising speed cons (L/h):	235lts @8.5k
Towing speed cons (L/h):	Towing light - 194lts @3.5k Towing Max 285 lts @6.5
Stand by cons (L/h):	25lts
Max speed cons (m3/day):	25.200
Cruising speed cons (m3/day):	16.920
Towing speed cons (m3/day):	4.600 lts - 6.800 lts
Stand by cons (m3/day):	600 lts

DECK MACHINERY

Hydraulic crane FWD:	AKC220/22 HE4 4550kg @22mtr winch 4480kg @ 21.35
Hydraulic crane AFT:	AKC 145 21.5 HE4 3000kg @ 21.50 mtr winch 5000kg @ 14.16 mtr
Towing winch (T):	30T pull, 60T brake 500m x 36mm
Towing pins (T):	Manual
Tugger winch (T):	1 x 13T pull 100m x 20mm
Mooring winch (T):	Ridderinkhof Caw-E-136 1.3t pull
Anchor handling winch (T):	ACB Hydraulics 50T 150mtr x38mm 100T x 150 mtr x 56mm

COMMUNICATION

VHF:	2 x Sailor RT 4822 / DSC
AIS:	Transas Class B

MACHINERY

Main engine:	3 x Cummins KTA 38mo
Max speed (kts):	10.7
Cruising speed (kts):	8.5
Towing speed (kts):	3.5-6.5 K
Main thrusters:	3 x fixed pitch props in nozzles, 1700mm
Bow thruster:	Hydraulically driven 200kW, 360°

CONTROL & NAVIGATION

Sounder:	Furuno FCV 581
Autopilot:	Radio Zeeland, Sea Pilot 75
GPS:	Furuno GP-33
DGPS:	Furuno GP-80
Gyrocompass:	Tokimec ESN.110N
SART:	Ocean Signal S100
DP System:	N/A

POWER SUPPLY

Generator set:	2 x Cummins 6BT 5.9-D 89kVA each
Hydraulic generator:	Cummins N14-M 400kW

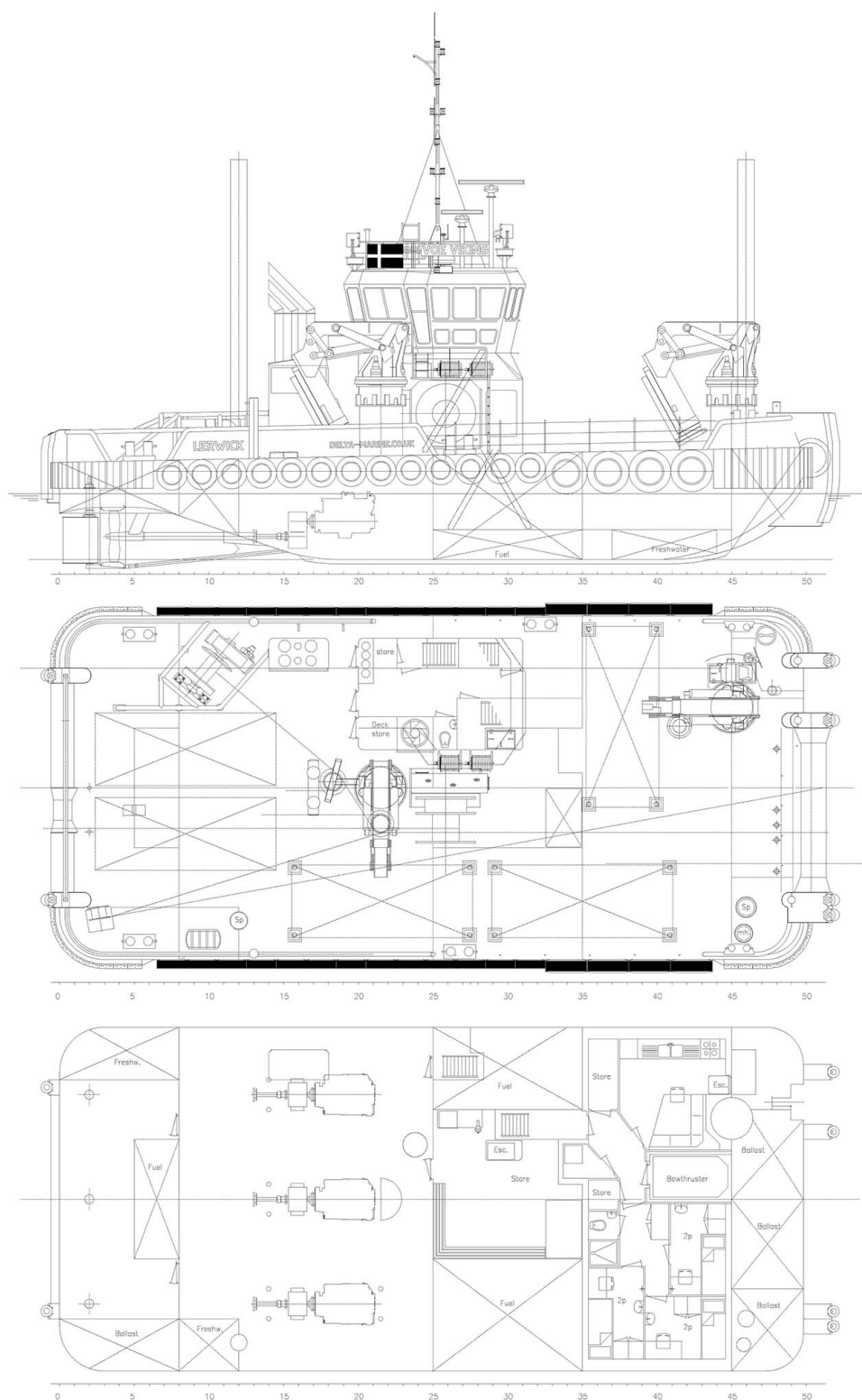
ACCOMODATION

POB:	6
Cabins:	3 x 2

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GENERAL ARRANGEMENT



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