

KINAKI



General Details

VESSEL TYPE	Harbour Tug , Lloyds +100A1 Tug
DESIGN	Robert Allan TRAKtor 2500SX
YEAR BUILT/BUILDER	2018, Sanmar, Istanbul, Turkey
REGISTRY	New Plymouth
CALLSIGN	ZMX6200
IMO NUMBER	9822798
MNZ NUMBER	136683
GRT	337
OPERATING LIMITS	Restricted Coastal—75nm radius from Port Taranaki

Dimensions

LOA	25.3m
BEAM	12m
DRAFT	5.7m (Working) - 6.1m (extreme draft)

Performance

BOLLARD PULL	62 T
SEA SPEED	11kts (13 kts max)

Tank Capacities

FUEL CAPACITY	84,000 ltrs
FRESH WATER CAPACITY	11800 ltrs
FIRE FIGHTING FOAM – AFFF	3900 ltrs
WASTE OIL AND BILGE WATER	8000 ltrs

Machinery

MAIN ENGINES	2 x Caterpillar 3512c, 1900kW @ 1800 rpm
PROPELLERS	2 x Rolls Royce 205 CP controllable pitch azimuth thrusters
GENERATORS	2 x Cat C4.4 50HZ @ 1500 RPM, 3 Phase, 86ekw
GENERAL SERVICE PUMPS	2 x Standard centrifugal 25m ³ /hr @ 4bar
SEWAGE TREATMENT	Hamworthy
ENGINE ROOM FIRE PROTECTION	FM200

Deck Equipment

TOWING WINCH	DMT Electric winch with 2 independent clutched drums on common shaft with warping head. 185T Brake holding, 3T haul @ 35m/min line speed or 9m/min @ 25T haul measured @bare drum, freewheel and controlled render capability.
TOWING ARRANGEMENT	2 x 150m x 60mm Dyneema with 15m pennant
WINDLASS	2 x Data Hydolic Vertical Capstans
ANCHORS/CABLE	2 x HHP. 8 shackles cable Port, 3 Shackles cable stbd
DECK CRANE	Palfinger PK11001 M

Fire Fighting

TOTAL CAPACITY	22,000litres/min
PUMPS	1 X 1400m ³ /hr- Main Engine Driven
MONITORS	1 X FFS Remote operated
FOAM INDUCTION	'Round the Pump" - 3%

Accommodation/LSA Equip.

GENERAL	LSA and Certificate for 6 Persons
CABINS	3 X 2 Berth Air Conditioned
LIFERAFTS	2 x RFD 10 man SOLAS B

Navigation and Communication

VHF RADIO	2 x Furuno FM8900S VHF
RADAR	Furuno DRS4D-NXT via Navnet TZTL12F Touch screens
GPS/PLOTTER	Furuno GPS-320B via Navnet TZTL12F Touch screens
SOUNDER	Furuno
AUTOPILOT	Ratheon Anshutz NP60
AIS	Furuno FA-170
MAGNETIC COMPASS	Cassens & Plath REFLECTA A/3