MULTRATUG 36

CALL SIGN : PIOY
YEAR BUILT : 2024
CLASSIFICATION : Bureau Veritas 100A1, Escort tug, Green passport EU, AUT-UMS, Fire Fighting 1, IWS, unrestricted nav.
FLAG : Dutch
HOMEPORT : Terneuzen-Netherlands
IMO : 9985289





DIMENSIONS

L.O.A.	: 32.70 m
B.O.A	: 12.82 m
Max. draft (aft)	: 6.30 m
Min. air draft	: 11.00 m
Max. air draft	: 16.37 m
Gross tonnage	: 447 t
Net tonnage	: 134 t

PERFORMANCE

Max. bollard pull	: 89.5 tons
Max. speed	: 13.7 knots

PROPULSION

Main engines	: 2x Caterpillar 3516C TA HD/D, IMO Tier 3
Total power	: 5050 kW (6878HP) at 1800 rpm
Propulsion	: 2x Azimuth thruster Kongsberg US255-S-FP/3930, 3000mm propellers, 4 blades

AUXILIARY EQUIPMENT

Generator sets	: 2x Caterpillar C4.4TA
Capacity	: 2x 107 kVA
Voltage, frequency	: 400 V/230 V, 50 HZ

FIFI 1 SYSTEM

Type	: 2x main engine driven, capacity 2x 1200m^3/hr
Fifi monitors	: 2x 1200m^3/hr-water/foam

DECK EQUIPMENT

Deck space	: 47.4 m^2
Max deck load	: 4.0 T/m^2
Towing winch fwd	: DMC RRW-H-30-200-DD
Towing drum	: hydraulic driven double drum, 30T pull force 2nd layer at 27m/min and slack rope at 44m/min, 200T hold.
Towing winch aft	: DMC-TW-H-30-200SID
Towing drum	: hydraulic driven single drum, 30T pull force 2nd layer at 11m/min and 8T at 38.5m/min, 200T hold. 800m 54mm wire
Spare towing wire winch	: DMC, 800mtr, 54mm
Tugger winch	: 2x Damen-TUW-H-12-23-SID, 20m/min, 12T
Towing hook	: 1x Mampaey quick release disc type, SWL
Towing pins & fork	85T : Tug pins-100T SWL and max 64mm fork
Anchors chain / anchor winch	: 2x 360 kg Hyt-12HHP, 2x winch: Damen-AW-E-19DAM-U2-1
Deckcrane	: HS Marine AK34 HE3, 1890kg at 11.21mtr
Capstan	: 5 ton

TANK CAPACITIES

Fuel oil	: 147,1 m^3
Fresh water	: 38 m^3
Lubrication oil	: 3.0 m^3
Foam	: 22.4 m^3
Dirty oil	: 6.6 m^3
Bilgewater	: 6.6 m^3
Sewage	: 5.1 m^3
Urea	: 4.9 m^3

ACCOMMODATION

1-man cabin	: 2 (two)
2-men cabin	: 4 (four)
Messroom	: 1 (one)
Galley	: 1 (one)