MULTRATUG 34

CALL SIGN	: PHIS
YEAR BUILT	: 2023
CLASSIFICATION	: Bureau Veritas 100A1 FiFi 1, Escort tug, Green passport EU, AUT-UMS, Fire Fighting 1, IWS
FLAG	: Dutch
HOMEPORT	: Terneuzen-Netherlands
IMO	: 9949429





DIMENSIONS

L.O.A.	: 27.59 m
B.O.A	: 12.30 m
Max. draft (aft)	: 6.33 m
Min. airdraft	: 11.226 m
Max. airdraft	: 17.233 m
Gross tonnage	: 381 tons
Net tonnage	: 114 tons

PERFORMANCE

Max. bollard pull	: 85 tons
Max. speed	: 13.2 knots

PROPULSION

Main engines	: 2x Caterpillar 3516C TA HD/D
Total power	: 5050 kW (6862HP) at 1800 rpm
Propulsion	: 2x Azimuth thruster Kongsberg US255-S-FP/3930, 3000mm propeller, 5 blades

FIFI 1 SYSTEM

Type	: 2x main engine driven, capacity 2x 1400m^3/hr
Fifi monitors	: 2x 1200m^3/hr-water/foam

DECK EQUIPMENT

Deck space	: 62 m2
Max deck load	: 3.5 T/m^2
Towing winch fwd	: Damen-TW-H-30-200DD
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	: Damen-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
Towing hook	: 1x Mampaey quick release disc type, 85T
Guide pins	: 2x hydraulic guide pins
Anchors	
chain / anchor winch	: 2x 360 kg Hyt-12HHP, 2x winch: Damen-AW-E-19DAM-U2-1
Deckcrane	: HS Marine AK 28/10.3 E3. 1700kg at 10.3mtr
Capstan	: 5 ton

AUXILIARY EQUIPMENT

Generator sets	: 2x Caterpillar C4.4TA
Capacity	: 2x 107 kVA
Voltage, frequency	: 400 V/230 V, 50 HZ
Fuel seperator	: 2x CjC PTU3-27-81MZ filter static separator + 1x Westfalia dynamic seperator OTC-2-02-137
Transfer pumps	: 1x Azcue CA-140/1B
Bilge pomp	: 1x Azcue CA-32/0.5
General services pump	: 2x Azcue CA-50/3

TANK CAPACITIES

Fuel oil	: 91.2 m^3
Fresh water	: 17.6 m^3
Lubrication oil	: 2.5 m^3
Foam	: 37.1 m^3
Dirty oil	: 2.5 m^3
Bilgewater	: 5.7 m^3
Sewage	: 8.6 m^3
Urea	: 2.9 m^3

ACCOMMODATION

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