

# MULTRATUG 19

**CALL SIGN** : PCHZ  
**YEAR BUILT** : 2012  
**CLASSIFICATION** : Lloyd's Register ✕ 100 A1  
 Escort Tug [✕] LMC UMS  
 EP Fire Fighting Ship 1  
**FLAG** : Dutch  
**HOMEPORT** : Terneuzen-Netherlands  
**IMO** : 9630250



## DIMENSIONS

L.O.A. : 32.70 m  
 L.B.P. : 28.84 m  
 B.O.A. : 12.82 m  
 Max. draft : 5.50 m  
 Gross tonnage : 453 tons  
 Net tonnage : 135 tons

## PERFORMANCE

Max. bollard pull : 83.2 tons  
 Max. speed : 15 knots

## PROPULSION

Main engines : 2x Caterpillar 3516C HD TA/D  
 Total power : 5050 kW (6772 BHP) at 1800 rpm  
 Propulsion : 2x Azimuth Thrusters Rolls Royce US  
 255 CP  
 Propeller type : Controllable pitch, 2800 mm Ø

## FIFI 1 SYSTEM

Type : Main engine driven pumps,  
 capacity 2x 1450 cbm/hr  
 Fifi monitors : 2x 1200 cbm/hr, water / foam

## DECK LAY-OUT

Anchor/towingwinch : Hydraulically driven escort  
 winch with double drum  
 Type : Maaskant T 320, HH 2, M2, 22 DAM  
 Capacity : 2x 200 m, Ø 60 mm  
 Brake Capacity : 200 ton 2nd layer  
 Anchor : 2x 495 kg  
 Chain : 302,5 m Ø 22 mm/ U 2/ Q 2

Towing winch aft : Maaskant T320, HHT, ESD  
 Brake capacity : 200 ton 2nd layer  
 Capacity : 750 m, Ø 54 mm  
 Towing hook aft : 100 ton  
 Capstan : 5 ton  
 Deck c : 2200 kg at 8.60 m  
 Tugger winch : 1x Dromec HPV15000, pull 15 ton at 5m/min,  
 slack 20m/min  
 Wire capacity : 100 m, Ø 26 mm, at 5 layers

## AUXILIARY EQUIPMENT

Main generator sets : 2x Caterpillar 6.6 TA  
 Capacity : 125 kVA  
 Voltage, frequency : 230 / 400 V, 50 Hz

## TANK CAPACITIES

Fuel oil : 135 m<sup>3</sup>  
 Fresh water : 15.2 m<sup>3</sup>  
 Lubrication oil : 8.1 m<sup>3</sup>  
 Foam : 12.5 m<sup>3</sup>  
 Dirty oil : 4.2 m<sup>3</sup>  
 Bilgewater : 6.7 m<sup>3</sup>  
 Sludge : 2.5 m<sup>3</sup>  
 Hydraulic oil : 2.8 m<sup>3</sup>  
 Sewage : 5.1 m<sup>3</sup>

## ACCOMMODATION

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