

## MULTRATUG 33

**CALL SIGN** : PBDM  
**YEAR BUILT** : 2018  
**CLASSIFICATION** : 1 ✕ Hull, ✕ Machinery,  
 Escort Tug, Unrestricted  
 Navigation, AUT-UMS,  
 Fire-Fighting Vessel Class  
 1 with waterspray  
**FLAG** : Dutch  
**HOMEPORT** : Terneuzen-Netherlands  
**IMO** : 9796054



### DIMENSIONS

L.O.A. : 31.90 m  
 B.O.A. : 13.20 m  
 Max. draft : 6.30 m  
 Min. airdraft : 11.00 m  
 Max. airdraft : 18.00 m  
 Gross tonnage : 494 tons  
 Net. tonnage : 148 tons

### PERFORMANCE

Max. bollard pull : 77 tons  
 Max. speed : 14 knots

### PROPULSION

Main engines : 2x ABC 12VDZC  
 Total power : 5300 kW at 1000 RPM  
 Propulsion : 2x Voith Schneider propeller (VSP)  
 32R5EC/250-2  
 Fifi type : 2x Main engine driven pump  
 Total capacity : 2700 cbm/hr  
 Fifi monitors : 2x 1200 cbm/hr – water/foam  
 1x 300 cbm/hr – waterspray

### DECK LAY-OUT

Deck space : 170  
 Carrousel towing system : CTS-250  
 Towing winch : 1 hydraulically driven double drum two speed pull  
 Type : CRT 200  
 Capacity : Pull 20 ton at 10m/min  
 Brake capacity : 200 ton  
 Towing hook Aft : GSH-65  
 Capstan : DMT – AMC-E22 K2  
 Deck crane : Palfinger PK4501M 1000 kg/ 4.5 m

### AUXILIARY EQUIPMENT

Main generator sets : 3x Volvo D5A-T  
 Capacity : 3x 70 kW  
 Voltage, frequency : 3x 400 V, 50 Hz

### TANK CAPACITIES

Fuel oil : 144 m<sup>3</sup>  
 Fresh water : 14.4 m<sup>3</sup>  
 Lubrication oil : 5.4 m<sup>3</sup>  
 Foam : 20.2 m<sup>3</sup>  
 Dirty oil/sludge : 5.8 m<sup>3</sup>  
 Bilgewater : 5.8 m<sup>3</sup>  
 Grey water : 8.6 m<sup>3</sup>  
 Sewage : 8.6 m<sup>3</sup>

### ACCOMMODATION

1-man cabin : 2 (two)  
 2-men cabin : 2 (two)  
 Mess room : 1 (one)  
 Galley : 1 (one)

