

## BLUSTER

**147 TONS B.P.  
ANCHOR HANDLING TUG  
SUPPLY VESSEL**



VESSEL INFORMATION		PROPULSION SYSTEM	
Ownership	Bluster International BV	Main Engines	2 x MAK, 8M35, 4-stroke, Trunk Piston Type, max output 6000 BHP each; Total: 12000 BHP
Flag/Registry	The Netherlands, Amsterdam.	Main Generators	Shaft driven; 2 x 1050 Kw each, ac 660 v, 50 Hz
Builder	Scheepswerf Waterhuizen J. Pattje, Waterhuizen, The Netherlands	Harbour Generator	Caterpillar engine 3512, DI-TA with generator 500 Kw, ac 380 v, 50 Hz
Year built	1988	Emergency Generator	Caterpillar 3304 t with generator 80 Kw, ac 380 v, 50 Hz
Call sign	PBMJ	Bow Thrusters	2 x 600 BHP, 6.5 tons trust each, Kamewa CPP
IMO number	8516976	Stern Thrusters	1 x 600 BHP, 6.5 tons trust, Kamewa CPP
Class	RINA	Propulsion System	2 x CPP propellers in nozzles, Kamewa
Notation	C+ Tug; Supply Vessel – Standby; unrestricted navigation +AUT-UMS; DMS; ICE Class IC		
PRINCIPAL PARTICULARS		PERFORMANCE	
Length Overall	69.90 m	Max Speed	13 Knots @ 30 mt MDO / 24 hrs
Length BPP	60.60 m	Economic Speed	10 Knots @ 18 mt MDO / 24 hrs
Breadth Moulded	15.90 m	Cons. in Port	2.0 mt MDO / 24 hrs
Depth Moulded	8.00 m	Cons. Standby at Sea	5.0 mt MDO / 24 hrs
Summer Draft	6.90 m	Type of Fuel	Marine Diesel Oil
Airdraft (at 6m draft)	41.00 m	Bollard Pull	134 tons continuous / 147 tons max.
Gross	2311 tons		
Nett	693 tons		
Deadweight	2499 tons		
Deck area	360 m <sup>2</sup> free deck (29.3 m x 12.25 m)		
Deck strength	10 t/m <sup>2</sup> – 15 t/m <sup>2</sup> aft third of deck		
Cargo rail height	2.0 / 2.5 m		
CARGO CAPACITIES		ACCOMMODATION	
Deck Cargo	max. 1000 tons	Standard Crew	14 crewmembers incl. Master
Deck Strength	10 t/m <sup>2</sup> – 15 t/m <sup>2</sup> aft third of deck	Passengers	up to 8 persons in 4 berth cabins
Fuel Oil (Diesel)	1400 m <sup>3</sup> – 20 tanks	Hospital	1 x 1 berth cabin
Ballast Water	820 m <sup>3</sup>	All fully air conditioned	
Fresh Water	325 m <sup>3</sup> – 4 tanks		
Drill Water	820 m <sup>3</sup> – 5 tanks		
Brine	247 m <sup>3</sup> – 2 tanks		
Dispersant	35 m <sup>3</sup> – 1 tank		
Recovered Oil	1010 m <sup>3</sup> – 10 tanks		
Rig Chain Locker	2 x 110 m <sup>3</sup> (1100 m of 3" chain each)		
PUMPS		DECK EQUIPMENT	
Fuel Oil	up to 150 m <sup>3</sup> /hr @ 80 m head	Capstan	2 x 6 t electric
Fresh Water	up to 150 m <sup>3</sup> /hr @ 80 m head	Tugger Winch	2 x 10 t electric
Drill Water	up to 150 m <sup>3</sup> /hr @ 80 m head	Deck Crane	1 x knuckle boom crane, SWL 12 t @ 2 m outreach, SWL 2 t @ 15 m outreach
Brine	up to 100 m <sup>3</sup> /hr @ 80 m head		
FIRE FIGHTING		TOWING/ANCHOR HANDLING EQUIPMENT	
The tug has full range of salvage equipment on board, Upgrading to FIFI 1 with containerized equipment is possible		Towing/AH Winch	4 drums winch Waterfall Type
		Tow Drums	2 x max pull 250 t and 400 t static brake
		Capacity each Drum	1000 m x 77 mm diam
		AH Drums	2 x max pull 250 t and 400 t static brake
		Capacity each Drum	1200 m x 64 mm diam
		Winch Speed, measured on inner layers	Low gear Hauling: 10 m/min Payout: 5 m/min High gear Hauling: 22 m/min Payout: 11 m/min
		Wildcats	Winch fitted with 76 mm wildcats for rig chain (2 3/4" and 3 1/4")
		Shark Jaws	2 x triplex, SWL 300 mt
		Tow Pins	2 x set hydraulic pins, SWL 200 t / 600 t
		Guide Pins	2 x set hydraulic pins, SWL 200 t / 600 t
		Stern Roller	1 x 5 m x 2.5 m diam., SWL 400 T
		Wire Reels	2 x pennant wire reels, capacity 600 m x 90 mm or 1000 m x 57 mm
MISCELLANEOUS		COMMUNICATION EQUIPMENT	
Water Maker	1 x 12 m <sup>3</sup> /day	Communication equipment includes: A-3 area integrated GMDSS system, Email / phone through I-fusion and/or VSAT, portable VHF/UHF min 3 each	
All navigation equipment as per flag state requirements and meeting or exceeding industry standard.			
Vessel fitted with joystick controller.			

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