



General

Call sign	PBZP
IMO Number	9547881
Delivery	April 2010
Type of vessel	AHTS
Class	Lloyd's 100 A1 Tug LMC, UMS
Nat. Authorities	MACH MULTIPURPOSE AHT unrestricted Dutch Shipping Inspection Unrestricted Nav.
GT / NT	GMDSS Sea Area: A1, A2, A3 254 GT / 76 NT
Owner	G. Bouwman Towing & Shipping B.V.
Yard	Gebr. Kooiman, Zwijndrecht
Speed	12.5 knots
Bollard Pull	46,2 ton

Dimensions

Length overall	31.10	meter
Beam overall	9.50	meter
Depth at sides	3.10	meter
Draught aft	2.80-3.10	meter

Propulsion system

Main engines	2 x Mitsubishi type	S16R- MPTA
Output	2340 kW	2x 1591 BHP @ 1600 rpm
Gearboxes	2 x Reintjes type	WAF763
Propulsion	Twin screw + nozzle: Van Voorden	
Diameter	2.10	meter
Rudders	4 x Fishtail rudders; 2 x 2 rudders each nozzle; option separate steering.	
Bowthruster	Tunnel thruster,	340 kW

Auxiliary system

Generator sets	2 x Mitsubishi type	6D 16 T; 2x 120 KVA
Hydraulic set	1 x Mitsubishi type	S6 A3 MPTK 600 hp
Transfer pumps	Water and fuel	2 x 35 m3 p hr.
Fuel separator	2 x Alfa Laval	5000 ltr. / 24 hrs.
Compressor		
Fres watermaker	HEM	3500 ltr. / 24 hrs.

Tank Capacities

Fuel oil	112,00	m3
Fresh water	31,00	m3
Lub oil	2,65	m3
Dirty oil	2,65	m3
Sewage	12,72	m3

Deck Equipment

Deck crane	Heila HLRM	200 / 4 / SL
Maximum lift capacity	9,0 tons at 16,31 mtr.	
Anchor handling/ Towingwinch	Maaskant type	M2-H2-453 kN.
	main drum 700 mtr	42 mm
	2nd drum 350 mtr	42 mm
	Karmoy fork and towing pins	
	Rubber Fender	900 mm.
	4840 mm x dia	700 mm.
	8500 kN wire 18 mm	40 meter
	108 m2 free deck space	
	15 t/m2	

Moonpool

Yes

Nautical Equipment

GMDSS	Thrane & Thrane	Sailor RT5022
	MF/ HF radio tel	Thrane & Thrane
	Sailor system 5000	150 W PEP
	Navtex; JRC	NCR 333
	Epirb / Sart	
	River radar	JMA-609-7m
	Sea radar	JMA 5210-6
	2x two-way portable GMDSS	
	2 x VHF transceivers	
	2 x Sailor	SP3520
	2 x Standard	HX370 (VHF)
	2x Thrane & Thrane Sailor TT3000E	
	Satelite communication; JRC Fleet 33	
	Satelite communication; v80G Intellian	
	2 x Transas	Ecdis chart Alpha
	Alpha River Pilot MF	
	Alpha Sea Pilot MF	
	JRC	JFE 380/200
	2x JRC – NWZ	4570 / DGPS
	Cassens & Plath	
	Alphatron	Alpha Mini Course
	JRC	JHS – 82
	Alphatron	
	Alphatron	Alphacall MF
	Alpha Watch	
	Intellian	i9W / Astra 3
	8 pers. / 6 cabins / galley / sanitary fac.	
	All cabins & living spaces	

Contact & visit address

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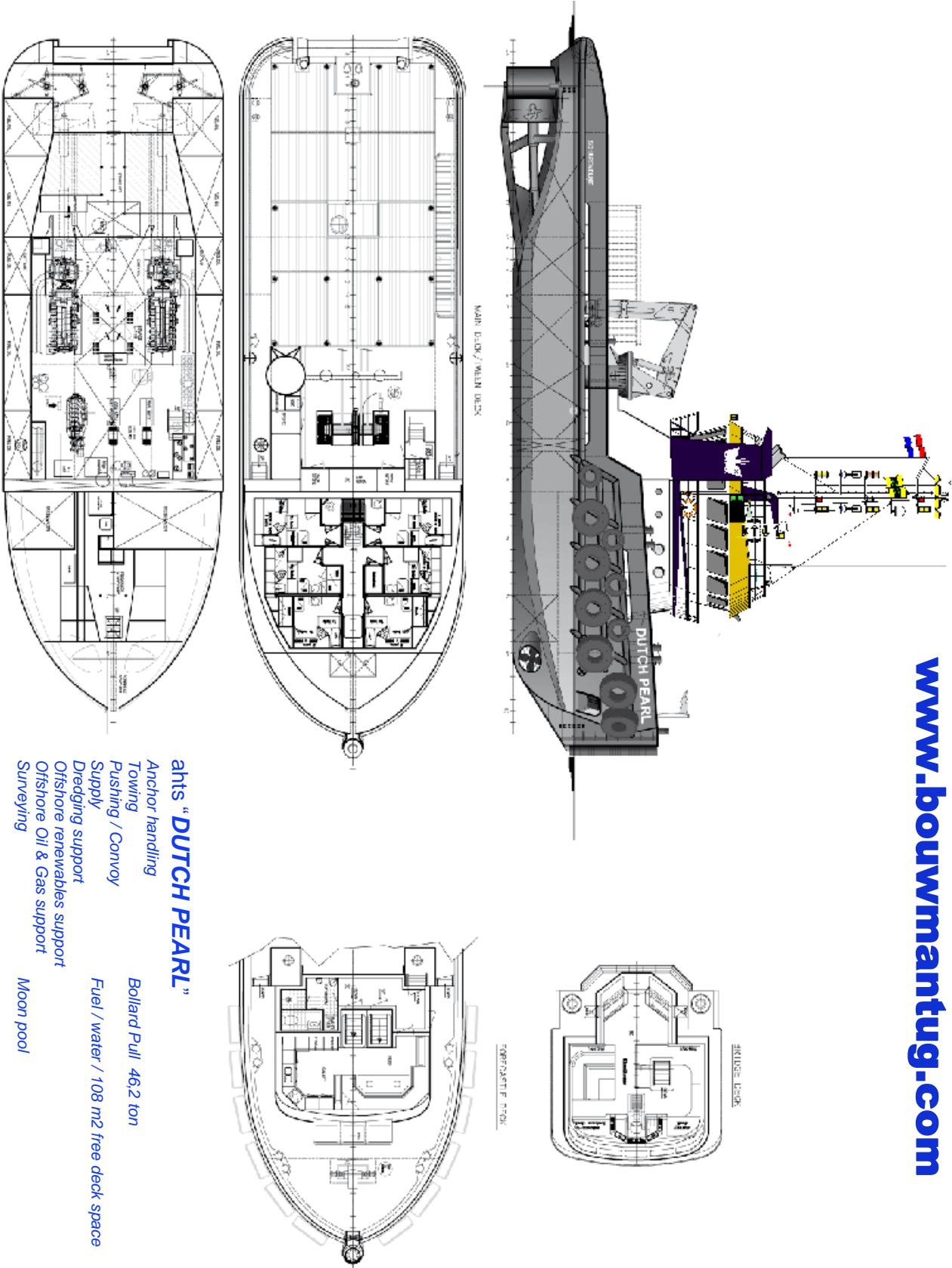
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- Offshore Oil & Gas support
- Surveying
- Bollard Pull 46,2 ton
- Fuel / water / 108 m2 free deck space
- Moon pool

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