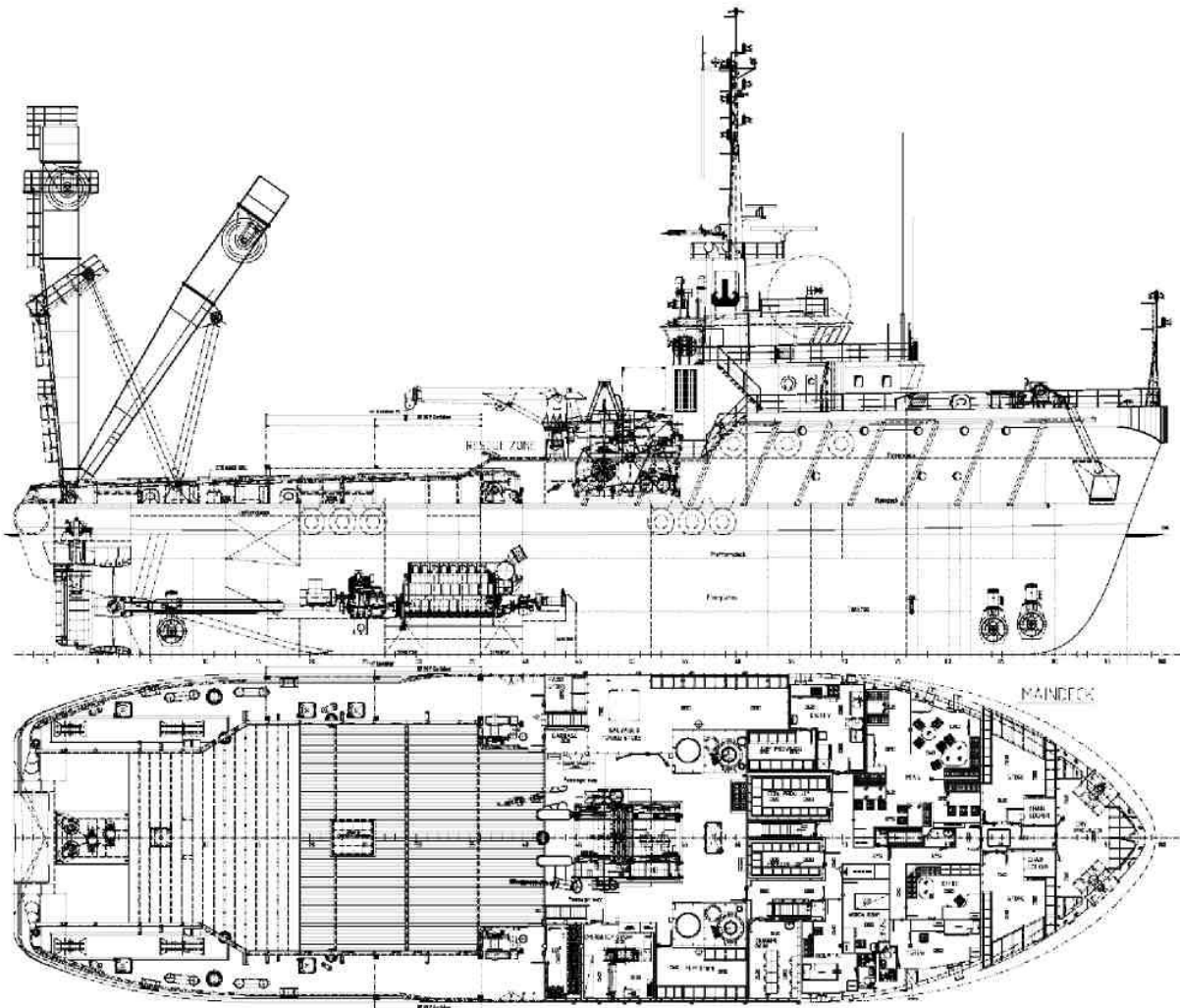




AHT "JANUS"

219 t bollard pull cont. – 19.000 bhp – built 2007





General data

Owner	Harms Offshore AHT "JANUS" - Hamburg, Germany	
Type	Anchor Handling Tug	
Design	MAN Ferrostaal AG / Hitzler Werft	
Classification	Germanischer Lloyd + 100 A5 E2 Deep Sea Tug Boat (Nav-A4) + MC E2 AUT, FF1, DP 2	
Built	2007 – Mützelfeldt Yard, Cuxhaven	
Registered	St. John's	
Flag	Antigua & Barbuda	
Call sign	V2CW7	
IMO number	9367504	
Basic functions	Long distance towing/ anchor-, hose handling/ berthing/ fire fighting/ salvage	

Main Dimensions

Crew, min	11	
Dimensions	Length o.a.:	65,00 m
	Beam o.a.:	18,50 m
	Depth to maindeck:	8,50 m
	Max. Draught:	6,80 m



Tonnage

GRT	2.789
NRT	836

Towing / Anchor Handling

Bollard pull	219 t cont. at 14.000 kW
Winch	electr. driven 150/ 300 t at 10/ 5 m/min
Capacity	2 x 1.600
Main towing wire	1.600 m, 76 mm Ø
Spare wire	1.200 m, 76 mm Ø
Working wire	300 m, 76 mm Ø
Storage Winch	1 x 1.600 m, 76mm Ø
Cable lifter	3 " & 5 "
Chain locker	2 x 33,75 cbm



A-Frame optional

Portable A-frame
200/ 250 t SWL,
Outreach -13 m until +9 m
Electro-hydraulic operated with external power pack



Tank Capacities

Heavy fuel oil	2.440 cbm
Marine diesel oil	190 cbm
Fresh water	130 cbm
Ballast water	500 cbm
Luboil, Sludge, Fuel Overflow	170 cbm



Salvage Equipment

2 portable diesel-driven salvage pumps
Fast rescue boat
Workboat with 50 bhp outboard engine



Nautical / Communication Equipment

Searchlights	3 x remote controlled
Gyro compass	3 x
Radar system	2 x ARPA
GMDSS equipment	A4
DP system	DP2

Inmarsat Phone / Fax / Email / Telex
All modern nautical equipment to highest standard

Auxiliary Equipment

Shaft generators	2 x 1.500 kVA
Generator set	2x Caterpillar 3412DITA
Capacity	625 kVA, 50 Hz, 230/ 400 V
Fire fighting pump	2 x 1.200 cbm/ hr. each at 14 bar
Bowthruster	2 x electr. Driven 400 kW CPP
Fire fighting Monitor	1 x electr. Driven 400 kW CCP

Deck lay-out

Deck area	297 sqm
Tugger winches	2 x, 10 t at 15 m/min
Deck crane	2 x Hydraulic crane 5,2 t at 14 m
Shark Jaws	2 pcs. Karm Fork, Karmoy, 650/ 300 t SWL
Towing pins	1 pair Hydraulic Pins, Karmoy, 650/ 300 t SWL
Stern Roller	300 t SWL, 5,00 m length, 2,00 m Ø
Anchor	2 high speed anchor winches warping head

Speed / Consumption

Maximum	abt. 16,0 kn
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Propulsion System

Main engines	2 x 6 M32 C 2 x 8 M32 C
Max power	14.000 kW at 600 rpm
Gearboxes	2 x twin in with clutch - single out
Propulsion	2 x controllable pitch propeller
Diameter	2 x 4.500 mm in high-efficiency nozzles
Rudders	2 x flap type high performance rudders

Accommodation

Air-conditioned spaces for 24 Persons, consisting of 7 officer cabins, 9 crew cabins and 1 guests cabin with galley, mess, stores, sanitary spaces, one office and a hospital (1 bed) and a medical room (1 bed)



URANUS-class



JANUS-class



MAGNUS-class



PRIMUS-class