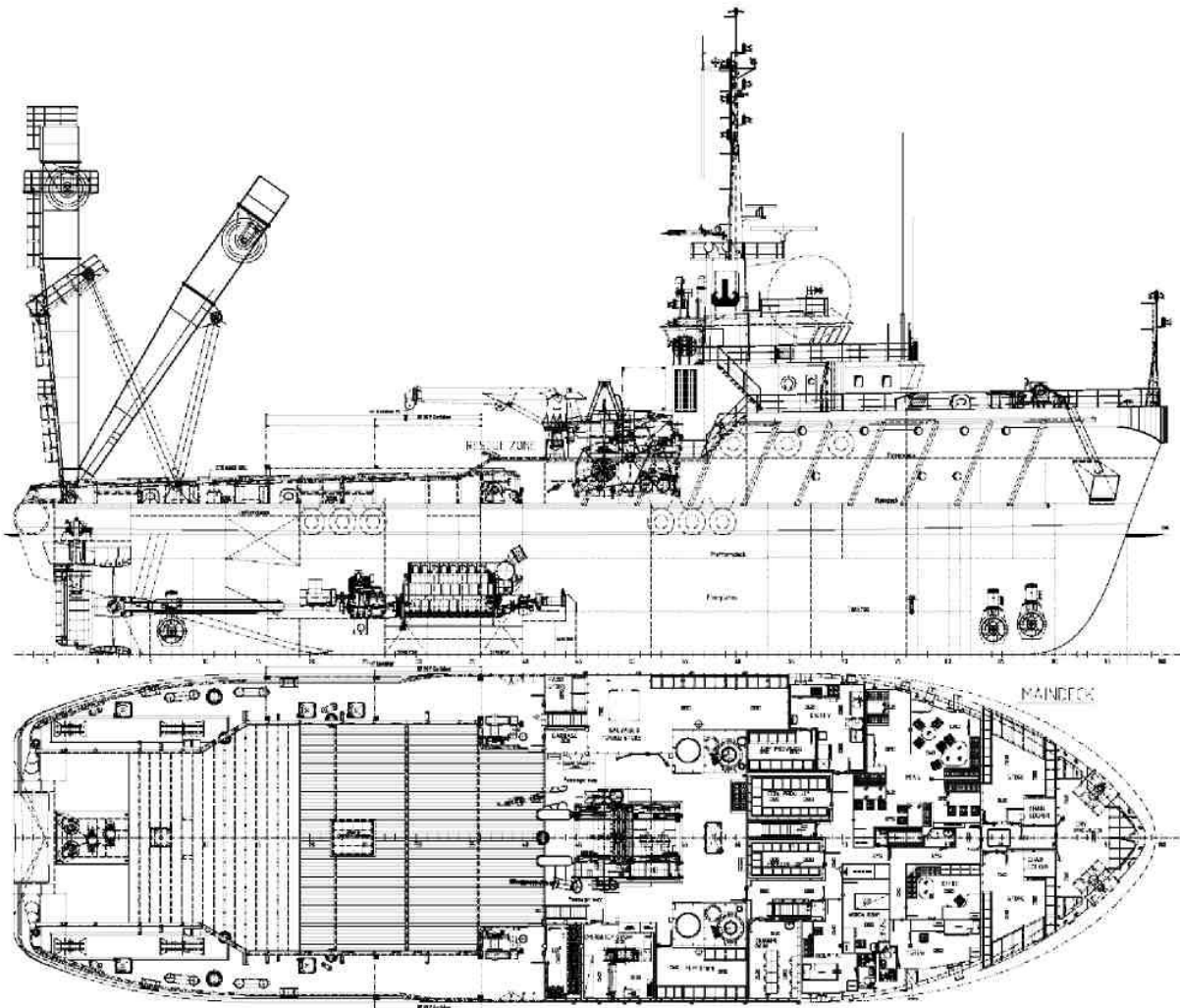




AHT "URSUS"

218 t bollard pull cont. – 19.000 bhp – built 2008





General data	Owner	Harms Offshore AHT "URSUS" - 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	2008 – Mützelfeldt Yard, Cuxhaven	
	Registered	St. John's	
	Flag	Antigua & Barbuda	
	Call sign	V2DK5	
	IMO number	9367516	
	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	218 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 officers 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)

