



AHT/Multipurpose tug "MERIC"

2028 KWT – LMC – UMC – AHTS

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SHIP SPECIFICATION "MERIC"

CLASS AND FLAG DATA

Type	Tug
Year built / Shipyard	2003, the Netherlands
Class	BV
Class symbol	I ± HULL • MAC Tug Unrestricted Navigation ± AUT -UMS
Flag	Kazakhstan
Port of registry	Aktau
Call sign	UOS
IMO number / or Class number	9287039

DIMENSIONS

Length (overall)	28,16
Length (between perpendicular)	25,57
Breadth (moulded)	9.5 m
Depth (moulded)	3.1 m
Draft (summer)	2.5 m
Minimal operational draft	2.2 m
Deadweight	141.3 tons
Registered gross tonnage	224

MACHINERIES

Main engines	2x 1014 kW
Auxiliary diesel-generators	John Deere 2x65kw, CAT 1x350kw
Bow thruster	VETH VT-150 160 kW
CPP / FPP and Rudder(s)	Twin screw fixed pitch propeller in nozzles, rudders
Steering gear	Flexion BV Hydraulic

AUXILIARY EQUIPMENT

Oily water separator	DVZ 250 VC-OIMASTER / 1pc.
Water distiller	HEM Hydro Electrique Marine

ANCHOR AND MOORING EQUIPMENT

Anchor windlass	MENAROM S.A- Type 2 VAT – E20.5k2- Nominal pull :22KN
Anchors	Type: Schmitt high holding fully balanced stockless high holding power anchor / 455 kg / 2 pcs
Chains (length, caliber)	Total length:412,5 m –Port side :7 shackles ,Stb.side 8 shackles / Dia : 20,5mm
Capstan	Type: LK EP 5000 (RR 810T/IEC132-4) Load Pull : 5000 kg

TOWING AND ANCHOR HANDLING EQUIPMENT

Towing winch / drum	tow / anchor handling double drum winch SWL 30t (50t hold)
AH winch / drum	tow / anchor handling double drum winch SWL 30t (50t hold)
Towing wire dimensions and SWL / BL	700m x 38 mm / SWL:20,6 tons / BL :103 tons
AH wire dimensions and SWL / BL	470m x 38 mm / SWL:20,6 tons / BL :103 tons
Stern roller	700 x 5200 mm
Towing pins	2

TANKS FULL CAPACITIES

Fuel tanks	105 m ³
Oil tanks	1,9 m ³
Fresh water tanks	38,3m ³
Sewage water tanks	12,5 m ³
Oily bilge water tanks	7,52 m ³
Oil residues (sludge) tanks	1,9 m ³

**All the details are believed to be correct but not guaranteed and owners reserve the right to amend them*

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TRANSFER RATES

Fuel	30 m ³ per hr
Fresh water	30 m ³ per hr
Sewage water	10 m ³ per hr
Fire main	32 m ³ per hr
Emergency fire motor pump	24 m ³ per hr
Oily bilge water	3 m ³ per hr
Oil residues (sludge)	3 m ³ per hr

DECK CAPACITY

Clear deck dimensions (L x B)	11 x 9 m
Clear deck area	99 m ²

DECK CRANE(S)

Manufacturer	HEILA / HLRM 140-3S
SWL	10 tons
Location	Aft deck

PERFORMANCE

Maximum speed / consumption	12/8,4 kts/tons
Economical speed / consumption	10 knots / 5,7 tons (with towing) / 4,3 tons (without towing)
Stand-by consumption	0,3 tons
Bollard pull	28.58 tons

NAVIGATION AND COMMUNICATION

GMDSS area	[A+A2]
Radar 1	FURUNO -1505
Radar 2	FURUNO RHRS- 2005RC
AIS	NAUTICAST X-PACK DS
EPIRB	ACR RLB-38
Radar transponder	JONTRON TRON SART
VHF radio station	FURUNO FM-8500
MF/HF radio station	FURUNO FS-1570 C
Two-way portable VHF	2x SAMYUNG STV-160
Magnetic compass	PILOT MK 4
Gyro compass	TOKIMEC ES-160
GPS compass	Furuno SC-60
Auto pilot	Seaplot - 75
NAVTEX receiver	FURUNO NX -500
GPS receiver	FURUNO GP-80
Echo sounder	ELAC LAZ 5000
Speed log	Furuno DS-80
Satcom	Thuraya SF2500

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FIREFIGHTING EQUIPMENT AND POLLUTION PREVENTION EQUIPMENT

Fireman outfit	2
Portable fire extinguishers	11
Fire hoses and nozzles	4 fire hoses, 4 nozzles
Fire pump	Desmi ,Type: Saen 2109, 5.5 kw
Emergency fire pump	Moto pump Hatz-Diezel 1B20
Fixed fire-fighting system	CO ₂
Oil spill kit	1

LIFE-SAVING APPLIANCES

Inflatable life raft	2 x 8 VIKING
Life buoy	6
Life jacket	10
Immersion suit	8
Recovery sling	Markus net 1.5 x 1.5 x10

ACCOMMODATION

Number of persons for which LSA are provided	8
Number of crew for safe operation / passengers	7 / 1
One-bed cabin	4
Two-bed cabin	2
Mess room	1
Galley	1

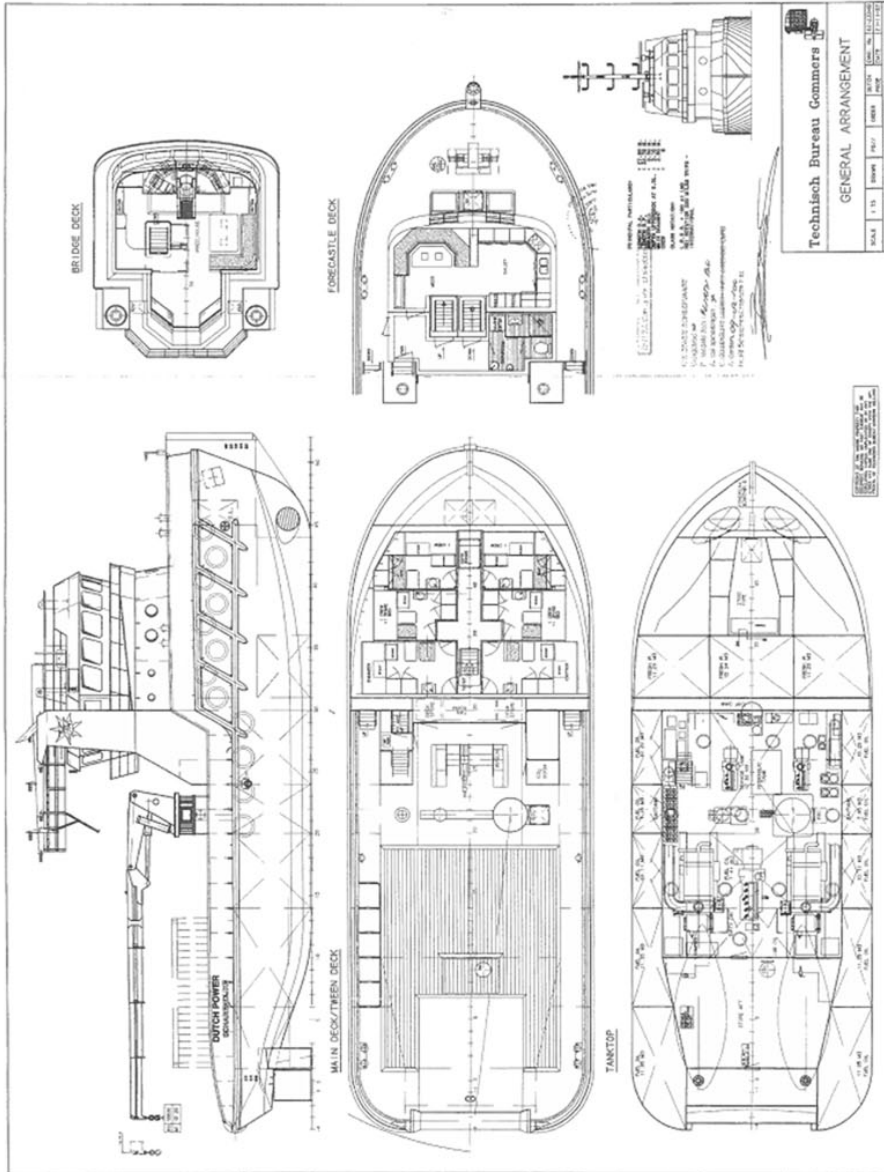
TANK NAME

100% CAPACITY

Fuel tank №1	11,05 m ³
Fuel tank №2	11,05 m ³
Fuel tank №3	11,35 m ³
Fuel tank №4	11,35 m ³
Fuel tank №5	10,11 m ³
Fuel tank №6	10,11 m ³
Fuel tank №7	8,02 m ³
Fuel tank №8	8,02 m ³
Fuel tank №9	13,04 m ³
Fuel tank №10	10,91 m ³
Oily bilge water tank №11	7,52 m ³
PS FW tank	11,38 m ³
SBT FW tank	11,38 m ³
Central FW tank	15,34 m ³
Sewage tank	12,53 m ³
Lub Oil tank	1,9 m ³
Dirty Oil tank	1,9 m ³

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