

SHIP SPECIFICATION



CLASS AND FLAG DATA

Multicat "AS1"

894 KWT – Deck ship – Anchor handling

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Type

Deck ship

SHIP SPECIFICATION "ASI"

Year built / Shipyard	1999, the Netherland
Class	BV
Class symbol	I ❖ HULL • MACH Deck ship Coastal area
Flag	Kazakhstan
Port of registry	Aktau
Call sign	USH
IMO number / or <u>Class number</u>	00167J

DIMENSIONS

Length (overall)	18,77 m
Breadth (moulded)	8,0 m
Depth (moulded)	2,4 m
Draft (summer)	1,8 m
Minimal operational draft	1.8 m
Deadweight	73 tons
Registered gross tonnage	94

MACHINERIES

Main engines	2 x CUMMINS KTA19 - M3 – 447kW
Auxiliary diesel-generators	CUMMINS 6 CTA 8.3 G – 180kW;
Diesel-generator (Harbour)	CUMMINS 4 BT 3.9 G2 – 60kW
CPP / FPP and Rudder(s)	twin screw fix. pitch prop. in nozzles, rudder
Steering gear	Denson Hydraulics MARYSVILLE OHIO U.S.A. Model PUG-2R1C-L02 Serial number 00024526

ANCHOR AND MOORING EQUIPMENT

Anchors	75 kg
Chains (length, caliber)	length- 25 m; caliber- 16 mm

TOWING AND ANCHOR HANDLING EQUIPMENT

AH winch / drum	Hydraulic towing double drum winch; 500kN;"Berendsen";SWL-10,2t
AH wire (main) dimensions and SWL / BL	87 m x 26mm; SWL-10,0t; MBL-48,0t
AH wire (spare) dimensions and SWL / BL	25 m x 19mm; SWL-5t
Bow roller	yes
AH pins	2 (bow)
Tugger winch	Hydraulic, SWL 10 t

TANKS FULL CAPACITIES

Fuel tanks	32,928 m ³
Oil tanks	0,662 m ³
Fresh water tanks	26,54 m ³
Sewage water tanks	0,4 m ³
Oil residues (sludge) tanks	0,828 m ³
Ballast water tanks	25,848 m ³

TRANSFER RATES

Fuel	17 m ³ per hr
Fresh water	12 m ³ per hr
Sewage water	6 m ³ per hr
Oil residues (sludge)	4 m ³ per hr
Ballast water	17 m ³ per hr

DECK CAPACITY

Deck strength	2 tons per m ²
Clear deck dimensions (L x B)	10 x 5 m
Clear deck area	50 m ²

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

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DECK CRANE(S)

Manufacturer	"EFFER" Hydraulic Knuckle Crane.Model:65000-35-L
SWL	SWL-8t&7,3mtr
Location	Bow, port side

PERFORMANCE

Maximum speed / consumption	9/2.1 Kts / tonnes
Economical speed / consumption	6/1.7 Kts / tonnes
Bollard pull	10

NAVIGATION AND COMMUNICATION

GMDSS area	[A1]
Radar 1	Furuno 1932 MARK-2 s/n 4363-0032
AIS	Nauticast X-Pack DS s/n: 007A100001561
EPIRB	Samyung ENC., CO., Ltd SEP - 406
Radar transponder	TRON SART
VHF radio station	2 x RT-2048
DSC modem	Thrane&Thrane Sailor RM-2042
Two-way portable VHF	ICOM IC GM-1600E и SAMYUNG STV-160
Magnetic compass	PILOT MK III s/n 895666
GPS compass	FURUNO GP-32
Auto pilot	AP-45;Robertson (not working)
NAVTEX receiver	ICS NAV-5
GPS receiver	FURUNO GP-32
Echo sounder	FURUNO FCV-582 s/n 8832-0567
Satcom	Thuraya SF2500

FIREFIGHTING EQUIPMENT AND POLLUTION PREVENTION EQUIPMENT

Portable fire extinguishers	7
Fire hoses and nozzles	2 x fire-hoses, 2 x fire-hoses nozzle
Fire pump	Type CA 50/7-A No.221251 (from electromotor)
Emergency fire pump	Type CA 50/7-A No.221252 (from ME)
Fixed fire-fighting system	CO ₂
Oil spill kit	1

LIFE-SAVING APPLIANCES

Inflatable life raft	1 x 25 persons, 2 x 6 persons
Life buoy	6
Life jacket	9 + additional if necessary
Immersion suit	7 + additional if necessary

ACCOMMODATION

Number of crew for safe operation / passengers	4 at twelve hours shift / 12 for short voyages only
One-bed cabin	2
Mess room	1

TANK NAME

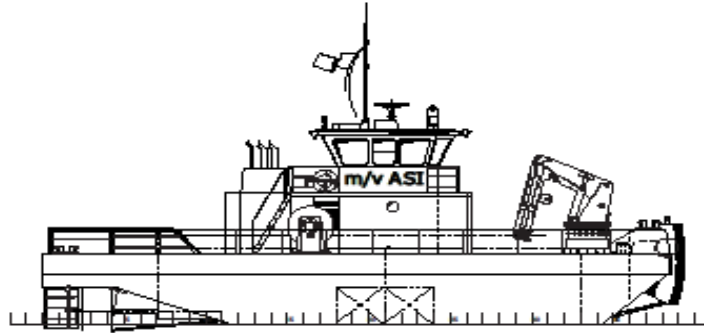
100% CAPACITY

Fuel SB	8,232m3
Fuel PS	8,232m3
Fuel SB	8,232m3
Fuel PS	8,232m3
Lub.oil	0,662m3
Dirty Water (Oil residues (sludge) tanks)	0,828m3
Waterballast SB	5,934m3
Waterballast PB	5,934m3
Waterballast CL	13,980m3
Fresh water SB	13,027m3
Fresh water PS	13,027m3
Sewage water	0,4m3

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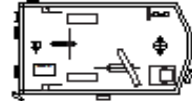
m/v ASI GENERAL ARRANGEMENT PLAN



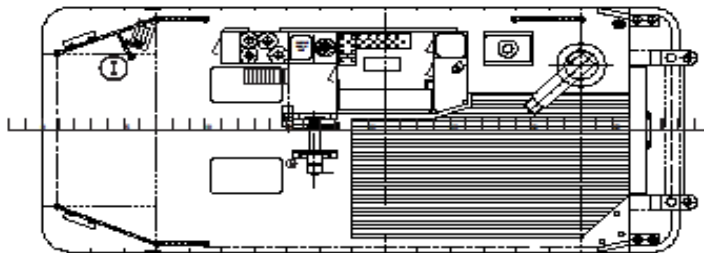
BRIDGE - DECK



TOPDECK



MAINDECK



BELOW MAINDECK



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