

MV VICTOR HENSEN Survey Vessel



14.03.2016 Passing the Nieuwe Waterweg during transit to Rotterdam

Flag:	Malta (EU)
Built	1975 Schichau Unterweser AG, Bremerhaven, Germany
Conversions:	1991 + 2001
Register Class	GL+100 A 5 E Special craft + MC E AUT;
IMCA – approved:	fit for survey operation Oil-Gas fields within the UK-Sector
HSE	policy is accepted by FUGRO, SHELL, GAZ DE FRANCE and others
Operating Management	Jasmund Shipping GmbH & Co. KG; Bremen
Sailing area	world wide except heavy ice condition
Endurance – survey ops:	32 days
Crew:	5-8 persons
Charterer team:	9-11 Pers. 1 Pers. single cabins; 8 Pers. 2 berth cabins
GRT:	463
NET:	139
Loa:	39,22 m
Beam:	9,40 m
Draft max when loaded:	3,58 m
Displacement loaded	555 m ³
Max Air Draft:	19.6 m
MGO CAPACITY	44 T
FRESH WATER CAPACITY	31 T
FRESH-WATER-MAKER	2 T p.d.

Propulsion system; Electric supply

2 Main engine	2 x 368 KW VOLVO PENTA D16C-C ME (installed 2013) reduction gear
Propulsion	1 variable pitch propeller;
Bowthruster;	Schottel 360°
Shaft generator	375 kVA
1 Diesel generator set	1 x 211 kW



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Electric supply: 220V AC /380 V 50 Hz
 Electric power supply work
 Deck for charterer's equipm. 125A / 380V / L1, L2, L3, Ground is ship's hull
 Consumption: in port: 0,4 MT p.d.; survey speed 0-6 kts: 1,4 MT p.d.
 transit speed 9 kts: 2,3 MT/d; max speed 12 kts

LIFTING EQUIPMENT

Hydraulic crane AK 6000, SWL 2.5 T (5 T when located in starboard (SB) cradle); location CL; outreach 7m, 2.5 m over board for launching and recovery of bottom sampling devices;
 A-FRAME SB SWL 1 T
 A-FRAME AFT SWL 4.5 T
 Height A-FRAME AFT below padeye 5000 mm
 Width A-FRAME AFT between legs 2300 mm
 Width A-FRAME AFT between foundation 4000 mm
 Hydraulic knuckle Jib crane SWL 0.7 tons ; location aft SB

Moonpool for installation of echosounder transducer /USBL: about 590 x 590 mm

Navigation / Survey / Communication:

- GPS Navigation System 2 pcs
- 2 x Navigational radar (FURUNO FR2115)
- Gyro compass NAVIGAT X MK 2 (SPERRY-MARINE)
- Echo sounder ATLAS 9205 50 kHz (Digital Output)
- Auto-pilot system Type AP 50 (SIMRAD)
- Engine controls on wheel house and on bridge wing SB
- Satellite communication: NERA FLEET 77, Voice, Fax, e-mail 64 kb p.s.,
- GMDSS Radio station Area A1, A2, A3
- GSM mobile Fax and Phone
- Intercom: Telephone, portable VHF-Radios (for internal and external use)
- SATTELLITE – VSAT 1024 kbps upload / 2048 kbps download contention rate 5:1

Winches for survey Work

Type	Cable/Wire Capacity	Cable/Wire Dia.	Max . Line Pull
<u>Serial Winch:</u>			
Drum No. 1:	1000 m	6,0mm Wire	9,8 kN
Drum No.2:	1000 m	6,0 mm single conductor cable	9,8 kN
Drum No.3:	600 m	15,0 mm wire rope	9,8 kN
CRANE AK 6000, SWL 2.5 T	75 m (crane can be used for launching and recovery by use of charterer winch)	16,0 mm wire rope	25 kN

Please request info referring actual length of wire



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Center crane: ATLAS AK 6000 T 6.6:

- Recovery operation (slewing): SWL 2.5 t @ 7 m slewing; 8.2 m above bulwark;
- Sea Bottom sampling: SWL 5,0 t when positioned in SB cradle; Crane wire rope dia 16 mm (SWL 3 t), drum capacity 70 m please ask for actual length.

SB aft handling crane: ATLAS AK 3006 knuckle – jib crane

Deck handling SWL 0.7 t,

PROCESSING ROOMS:

1. Main deck SB:	26,00 sqm
Bridge aft part online processing:	6,00 sqm

WORKING AREA ´Aft Deck: 98,00 sqm; Steelplating renewed 2011

MAX. loading capacity charter equipment 12 T ;

Aft deck CL area: L max = 10.4 m

Accommodation for charterer staff: 4 cabins x 2 pers, 1 cabin single, shared facilities, mess room, recreation room, fully air conditioned.

For further info please do not hesitate to contact:



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Before SWL 3T A-Frame aft was installed



launch – recovery of GEOWING-SYSTEM, by use of ATLAS-CRANE SWL 2.5T



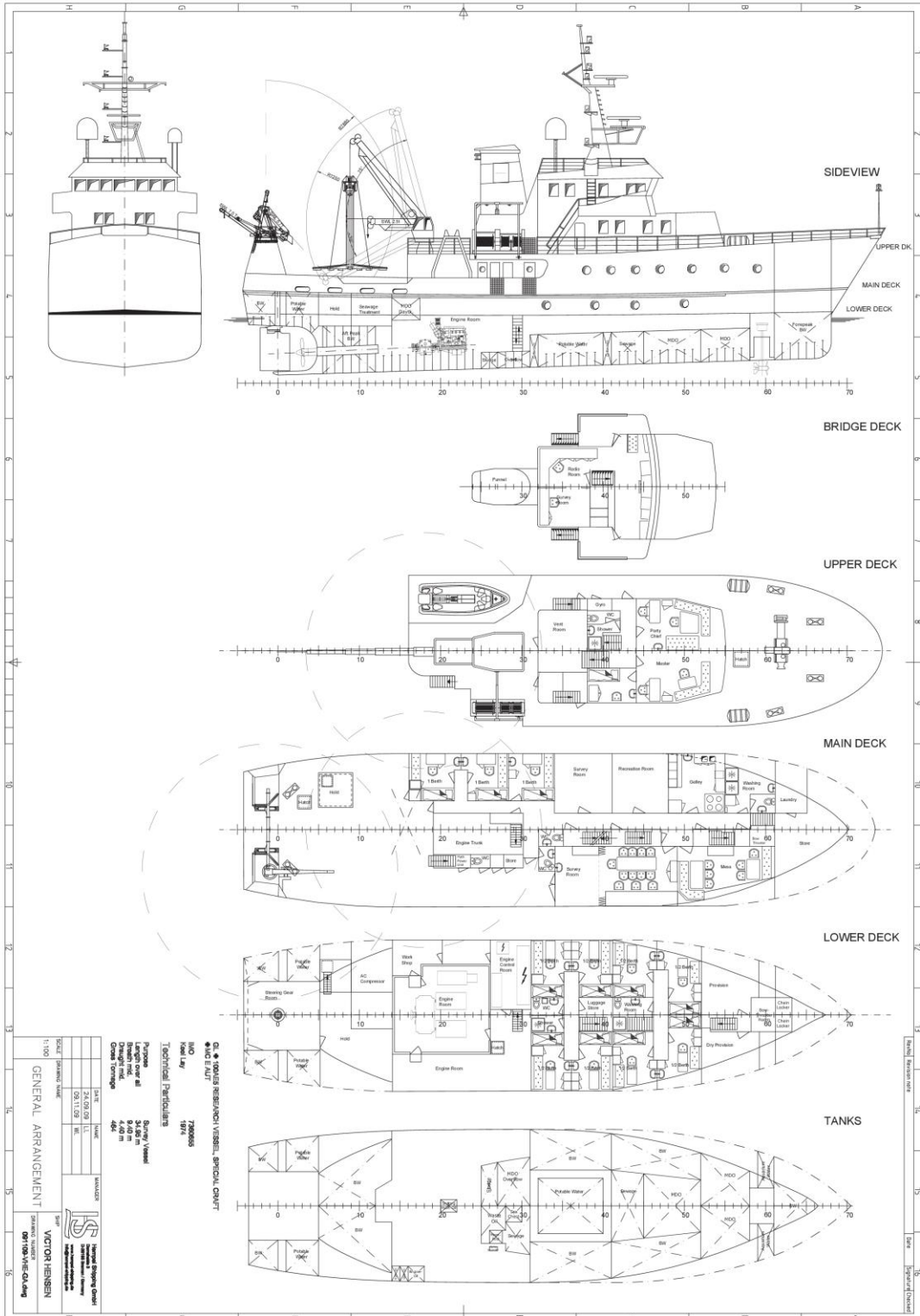
A-FRAME AFT SWL 3,0 T Height A-FRAME AFT below padeye 5000 mm
Width A-FRAME AFT between legs 2300 mm
Width A-FRAME AFT between foundation 4000 mm



Under water rail system to install charterer equipment (MULTI BEAM EM 712)



Moon pole carrier to install USBL, echosounder





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For further info please contact:

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