



Eidesvik



Geo Searcher

Eidesvik

Email: office@eidesvik.no Web: www.eidesvik.no

M/V Geo Searcher

Signal letters LMIQ
 Design Seismic Survey
 Built Th. Hellesøy 1982,
 Home port Haugesund
 Phone..... +47 53448170/71/72
 Mobil phone 48115040
 Sat. com Bridge 325846810
 Radiorom fax:..... 325846814
 Owned..... Eidesvik Shipping
 Operated by Eidesvik AS
 5443 BØMLO, Norway
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CLASS NOTATION

Det norske Veritas

+ 1A1, EO, Ice C

PRINCIPAL DIMENSIONS

Lenght o.a..... 69,2 m
 Lenght b.p.p..... 61,0 m
 Breath mld..... 12,8 m
 Depth to sh. deck..... 7.9 m
 Depth to main deck..... 5,3 m
 draught summer -open..... 5,25 m
 Gross tonnage 1863
 dead weight..... 1083
 Net tonnage 558

CAPACITIES

Fuel oil 465 cbm
 Potable water 108 cbm

MACHINERY AND PROPULSION

Main engine:

Make MAK
 Type/No. 1 8M 452 AK
 M.C.R./Rpm. 1776 kW (2499)
 500 rpm

Propeller:

Make Hjelset
 Type/No. 77/550.
 Diam..... 3200 mm
 Rpm. 180 rpm
 Gear type Hjelset RGC 550

Steering gear:

Make/Type..... Tenfjord/I 12M 240

Rudder:

Make Hinze
 Type..... R 2250 K 390/1.2

Aux engines:

Make 1 off GM
 Type/No. 16 V - 92 TA
 M.C.R. 490 kW
 Make 3 off GM
 Type..... 8 V - 92 T
 M.C.R. 350 HK (each)

Make Cummins KTA38 -G1
 850 kW

Generators:

Make/Type..... 1 off Stamford
 Cap. 490 kw

Make/Type..... 3 off Stamford
 Cap. 280 kVA (each)

Em. engine/Generator GM/Stamford
 Cap..... 60 KVA

Make/Type..... Leroy
 1000 kva
 800kw

Fresh water generator:

Make/Type..... 2 off Atlas
 Cap. 6 cum/24 h (total)

SIDE THURSTERS

Bowthruster 1 off ulstein TV 150
 600 HK / 380 rpm

FUEL CONSUPTION

Knots	litre/hour
12.....	320
13,5.....	432

Endurance 60 days at 85% MCR

WORKING AREA

Shelter deck	275 sqm
Instrument room	98 sqm
Store room	225 sqm

DECK EQUIPMENT

Windlass	Karm type 160 912
Capstan	Karm type 116-351
Crane(s)	1 off Karmøy Winch
.....	KC 11-10-20L
Max working radius	10m 2T SWL
Crane	Palfinger PK32000 MA
Max working	SWL 4,2 T
Radius	7 m"
Derrick-crane	2 off Lindhart
.....	foredeck
.....	6 TM 600KG SWL
Anchor	2 off Pool TWT
.....	2 x 1195 kg.
Hydr. system	2 off Rexrot A 7V
.....	2 x 120 l/min. 210 bar.

MISCHELLANEOUS

Oxygen/acetylen plant	UNITOR
.....	3 OFF AC - 5 off ox btl
Electric weld. eq.ment	UNITOR UVR 265
Lathe	1 off Maximat V 13
Incinerator/Type	Golar Marine OG 200
Various consumables	
Monitors	
Plotters	
Printers	
Cables	
SRD's	
Compass Birds, model 5011E	
Inserts + various tools	
Echo Sounder –	Simrad EA600

NAVIGATION AND COMMUNICATION

Magnetic compass	I.R. Krohn & Søn A/S
Gyro compass	Sperry MK 37 Mod I
Autopilot	Robertson AP 9 MK II

Autotrack	Robertson STS 500
Dppler Speed log	Simrad NL
Radar 1	Furuno FAR 2835S
Radar 2	Bridgemaster C 181/6
Navigation Eccosounder	Simrad ED 161
Seismic Eccosounder	Simrad EM 1000

GPS	2 off Furuno GP90
AIS	Simrad A170
GMDSS A-III	Kelvin Huges
VHF Transceiver	Sailor RT 143
Helic. Comm	KY 195 B
Radio Beacon	SS 800A
Mobile Telephone	Motorola 4500
Watch receiver	Simrad RW 105
Intercomm. system.	Stentofon
Navtex Furuno	NX500

MANOEUVRING SYSTEM

El. hydr. remote controlled	
manouvring system	Hjelset

ACCOMMODATION

Cabins	40
Beds	43
Gymnasium	Yes
Sauna	Yes
Hospital	3 Bed

LIFESAVING AND RESCUE EQUIPMENT

Lifeboat (s)	2 off harding MCM 26
.....	44 pers. each
Fast Rescue Craft	Naiad 4.80
powered by	36 hp Yanmar Diesel outboard
Liferafts	Viking 4 off 25 pers.
.....	1 off 6 pers.

COMPRESSOR UNITER

3 off	LMF HE 24,2 cbm/min 150 bar
.....	Electric driven
2 off	LMF HD24 dbm/min 150bar
.....	Each driven by Man 2542 ME

COMPLETE GUN SYSTEM ON 2 DOUBLE ODIM GUN WINCHES

Manufacturer:.....Bolt
Type: 1500 LL AND 1900 LLX
Operating Pressure: 2000 psi

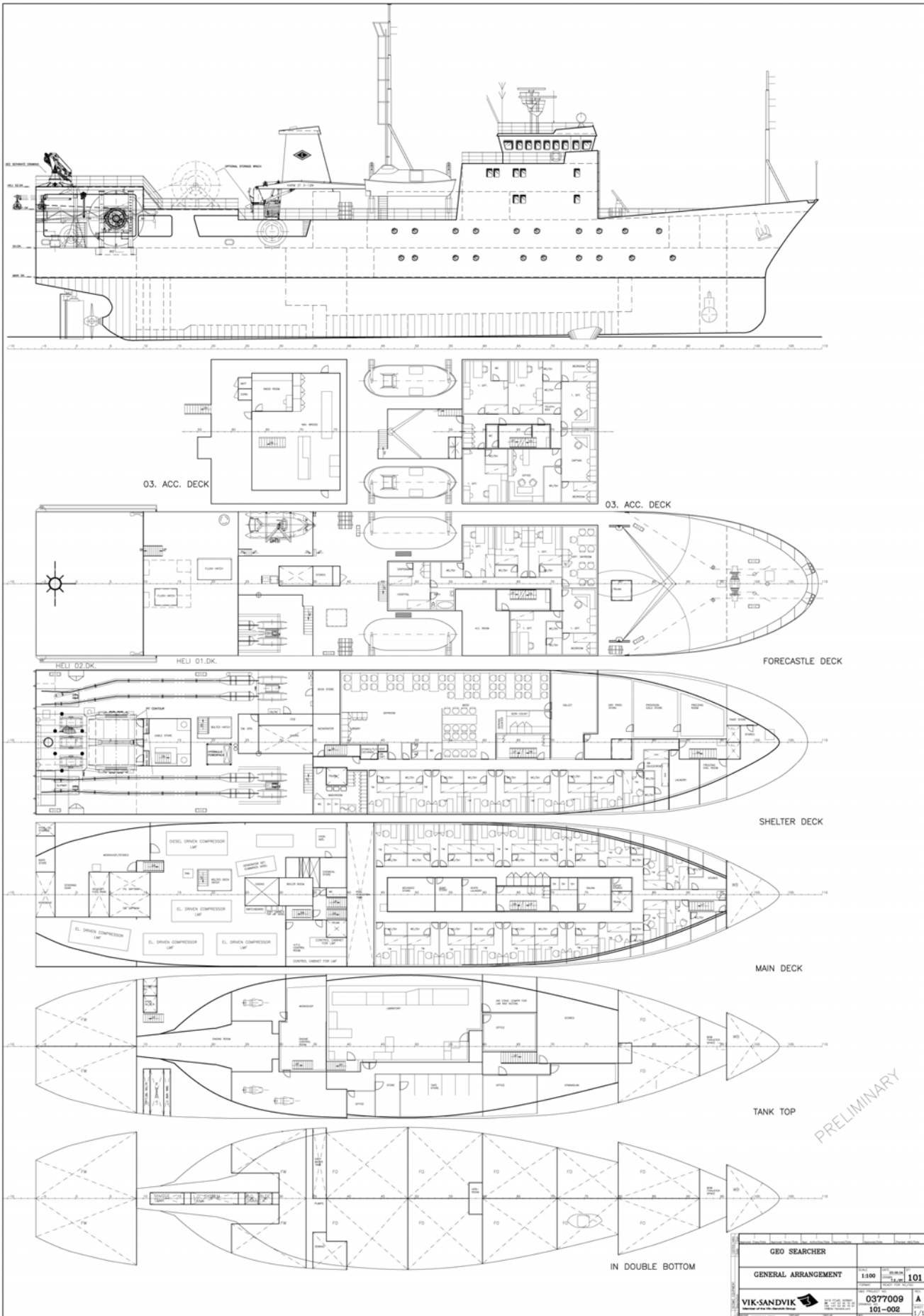
Gun Control System:..... Bigshot Control Module
..... Bigshot Hydrophone Digitizer
Manufacturer:RealTime Systems

RECORDING INSTRUMENTS

Manufacturer:..... ION
Type:..... MSX 24 bit Digital Solid (Gel-Filled)
Software version: V3
Number of available channels:960 – 1920
..... (pending sampling rate)
Number of auxiliary channels: 16
Recording format: SEG D 8058
Sampling rate:0.5, 1, 2, 4 ms
Tape drive type: IBM 3590
Number of tape drives:..... 4 x IBM Magstar
Hard drive capacity:Removable 400 GB HDD

FIXED EQUIPMENT, READY AND FITTED WITH

..... 2 x Streamer Winches
..... Spooling Device
..... 2 x Double Gun Winches
..... Boom, port
..... Boom, starboard
..... 2 x Tail Buoys
..... 1 x Spare Umbilical on reel
..... 1 x Float (Extra)
..... 6 x Bobbins (MiniReels)
..... 1 x Palfinger Crane
..... 1 x Hydraulic Power Unit Palfinger Crane
..... Seismic Work-shop (Container), mounted on deck.



PRELIMINARY

GEO SEARCHER			
GENERAL ARRANGEMENT	1:100	NOV 2010	101
VIK-SANDVIK	0377009	A	1/1
101-002			