



FUGRO KOBİ RUEGG

The Kobi Ruegg is a multi-purpose vessel suited for high resolution geophysical surveys and seafloor mapping. Measuring 59 metres in length, the vessel is ready for rapid deployment to locations throughout Egypt, the Mediterranean and Black Sea.

Onboard instrumentation includes shallow and deepwater multibeam systems, a range of sub-bottom profilers and a HiPAP long range positioning system. Other systems that can be mobilised to meet project requirements include Fugro's Hugin-based Echo Surveyor VII autonomous underwater vehicle (AUV), ROVs, High Res Seismic and a range of geotechnical equipment. Fugro's Starfix™ Differential Global Positioning System (DGPS) is employed for accurate positioning.

Surveys are tailored to meet client needs. Typical fieldwork involves projects for the energy and government sectors, as well as for engineering firms.

The vessel is particularly suited for the following project types:

- Drilling Site Surveys
- Pre Engineering Surveys for field development
- As-built pipeline surveys
- Geohazard and SEEP surveys
- SEZ Surveys
- Cable Route surveys
- 2D seismic multi-channel surveys
- ROV inspection surveys
- Shipwreck and aircraft searches



Multi-purpose vessel Kobi Ruegg.

KOBI RUEGG

Technical Specifications

General

Name	R/V Kobi Ruegg
Classification	USCG Subchapter U, SOLAS, ABS Class +A1, +AMS, +DPS-1, +ACCU, ENVIRO, GP, POT, SEC
Owner	Fugro
Built	2015
Port	Nassau (flag Bahamas)
MMSI No.	31100683
Call Sign	C6D14
IMO No.	9713753

Dimensions

LOA	58.8m
Beam	12.5m
Depth Molded	4.57m
Tonnage	1340 GT
Operating Range	8000 nm at 10 knots

Accommodations

Cabins	38 Total - 6 (1) man x16 (2) man - (1) hospital
Recreation	Lounge, GYM, Satellite, TV

Machinery

Propulsion	2x 850kw Z drives
Bow Thruster	1x 350kw
Cruising Speed	10 knots
Maximum Speed	12 knots

Electrical Power

Main Generators	2x 940kw
Emergency Generator	1x 138kw
Clean Power	2x 16kva Instrument Room

Capacities

Fuel Capacity	394 m ³
Fuel Consumption	6 tones per day @ 10 knots
Water Capacity	227 m ³
Water Making	10.6m ³

Control and Navigation

Auto Pilot	Simrad AP70
DP System	NAVIS IVCS4000/2000
Radars	Furuno FAR2117 x Band, FAR2137 S Band
Electronic Chart	FMD3300 ECDIS
DGPS	2x Furuno GP150D
Gyro	1x Meridian Standard, 1x Survey
Speed Log	Furuno SD80
Echo Sounder	Furuno FD700
AIS	Furuno FA150

Deck Machinery

Deck Crane	DMW 40,000 EXW130 2200kg @13m
Hydraulic A-Frames	2x 10t

Communications

MF/HF	Furuno FS7525T
V-Sat	Sea Tel 4012GX
VHF	3x ICOM412

Emergency Radios/Beacons

GMDSS	Furuno A3
EPIRB	Seasafe E100G
SART	Seasafe S100

Safety

Rescue Boat	RSQ450A
Life Rafts (200%)	4x 25 persons 1x16 persons
Survival Suits (100%)	38 + (4 pers for OOW)
Life Jackets (200%)	79 pcs

Survey Equipment

AUV	Kongsberg 3,000/4,500m (upon request)
DGPS Positioning	Fugro Starpack GNSS Receiver
Online Navigation System	Fugro Starfix.Seis / Starfix NG
Offline Processing System	Fugro Starfix.Proc, Caris, Fledermaus
Acoustic Positioning	Kongsberg 501+ MRU5
Motion Reference Unit	Applanix Pos MV320E
Echo Sounder	Kongsberg EA600
Multibeam Echo Sounder	Hull Mounted Kongsberg EM302 and Reson 7125
Sound Velocity Probe	Valeport
Sound Velocity Profiler	SBE-19 Plus
Side Scan Sonar	Edgetech 4200
Sub Bottom Profiler	Edgetech 3300 and Hull Mounted DW106/ PVDF Rx-9 Panels
Magnetometer	Marine Magnetics SeaSPY
Digital Logging	Sonar Wiz
Seabed Sampling	3/6/9 m piston corers, .5m Box Corer
Digital Recording System	HTI NTRS 240ch.
Streamer	HTI Seamux gel filled 6.25m/12.5m
Firing Controllers	Real Time Systems Long Shot
Far Field	Upon request
Depth Controllers	Digicourse 5010 & 5011
Gun Source	GI 90,150,210ci
Network	Several 10G Bas T
Compressor	Gardner Denver/Reavell, Model 5437 90 SCFM each/3 units Electric Drive