

OCEAN INVINCIBLE

The Global Force with a Personal Touch



The Ocean Invincible is a 66.4m DP2 multi-purpose geophysical and shallow geotechnical survey vessel. This former seismic research vessel was fully refitted as a state of the art survey vessel in 2021 by EGS in Norway.

With the latest geophysical and geotechnical equipment permanently mobilised, the Ocean Invincible is able deliver a wide range of highly specialised survey services, from coastal waters to full ocean depth.

With its long range and autonomy, the Ocean Invincible is available for projects around the globe.

- Veripos LD900 DGPS with Qinsy Navigation Package
- Kongsberg EM124 full Ocean Depth and EM2040-07 Shallow Water Multibeam Echosounders
- EdgeTech 3300 Subbottom profiler 16 elements/hull mounted
- EdgeTech 4205 side scan sonar & EdgeTech 2000 dual frequency Chirps/Side-Scan Sonar Combined System and 6,000m deployment winch
- 2D Ultra High Resolution Seismic: GEO-Sense 48-channel Streamer with AAE Dura-400 UHD Sparker
- Kongsberg HiPAP 502 USBL System
- Geometrics G882 Magnetometer
- Datem Neptune 3000 Seabed CPT, 6m Kullenger Piston Corer, 6m GEO-Vibro Corer and 3m Gravity Corer
- Shallow water survey launch

The EGS Group - Global Survey Specialists

*Australia, Brazil, Hong Kong, Indonesia, Malaysia, Philippines,
Singapore, Taiwan, Timor-Leste, United Kingdom, United States, Vietnam*

OCEAN INVINCIBLE

NAME	Ocean Invincible	FLAG STATE	Bahamas
TYPE	Research Vessel	OFFICIAL NO.	8001924
CLASSIFICATION	Bureau Veritas (BV)	CALL SIGN	C6Z16
BUILT	2008	IMO NO	9386550

Dimensions

Length Overall	66.4m
Beam	13.0m
Draught	5.8m
Gross Tonnage	2,206tons

Accommodations

Total Berths	44 berths
Hospital	1 bed
Working Spaces	Processing Room Acquisition Room Wet Laboratory CSR Office Party Chief Office Workshop
Recreation	Lounge/Video/Gym

Machinery

Main Engine	2 x ABC 1766 kW Diesel, 8MDZC
Auxiliary Engine	3x Caterpillar 3512B, 1360kW
Bow Thruster	2 x 590 KW Brunvoll FU63 LTC1550
Stern Thruster	1 x 590 KW Brunvoll FU63 LTC1550
Propellers	2 x 3150 Finnoy with CPP in nozzles
Cruising Speed	9.5 Knots

Capacities

Fuel Capacity	618m ³
Fuel Consumption	4.2MT/Day (Survey Speed)
Water Capacity	380MT
Water Making	10MT/Day
Autonomy	60 Days

Communications

V-Sat	1.C-Band / Intellian 2.Ku-Band / Sealink
Inmarsat	1 x Inmarsat C - Sailor TT3606E 1 x Inmarsat C - Sailor 6018
VHF DSC Radio	1 x Sperry HC4500, 1 x Sailor RT5022, 1 x Sailor 6222, 1 x Sperry RT2048 with Handheld GMDSS VHF Radio 3 x Sailor SP3520
Navtex	1 x Furuno NX-700

Navigation

GPS	2 x MX Marine MX420 NS
Auto Pilot	1 x Sperry Marine Navpilot400
Radar	1 x Furuno FAR-2318 1 x Furuno FAR-2338S(NXT)
Gyro	3 x Sperry Marine Navigat X MK 1
Echosounder	1 x Skipper GDS 101
DP System	2 x Kongsberg 3551, 3553
C-Joy	Kongsberg with dedicated Software
AIS	1 x Jotron TR-8000
Speed Log	JRC JLN-652

Deck Equipment

Stern A-Frame	SWL10T Telescopic A-frame
Crane	1 x 5-3T SWL @ 9-16M, ABAS Deck Crane

Survey Launch

Dimensions	7.9m (L) x 2.99m (B)
Draught	1m
Gross Tonnage	4T
Hull Material	Aluminium
Engine	Yanmar 6LY2M-WDT, diesel 330 HP



Visit our website for more information:
www.egssurvey.com

EGS (Asia) Ltd | 15th Fl., North Point Industrial Building, 499 King's Road, North Point, Hong Kong
 E: egsasia@egssurvey.com | T: +852 2894 8622