

MULTI-PURPOSE SURVEY & SUPPORT VESSEL

MPSV NG EXPLORER



Owned and operated by Next Geosolutions (NextGeo), the NG EXPLORER (formerly Sea Admiral, Inyanga Entsha) is a versatile offshore DP2 multi-purpose support vessel, providing integrated geoscience survey and construction support services worldwide.

She is equipped with most advanced survey systems, including accurate surface and underwater positioning systems, multibeam echosounders, sub-bottom profilers, side-scan sonars, magnetometers/gradiometers, geotechnical sampling equipment and other hi-tech survey equipment.

NOTE: The vessel is currently under conversion. A preliminary version of the new General Arrangements is provided herewith.



VESSEL SPECIFICATIONS

GENERAL INFO

Vessel Name	NG EXPLORER
Built	Yangzhou Dayang Shipbuilding, China
Year of Build	2009 / Refit 2025
Flag	Italian
Port of registry	Naples
IMO	9581150
Class Notation	TBA

PRINCIPAL DIMENSIONS

Length Overall	58 m
Breadth	14 m
Depth	5.50 m
Draft	4.50 m
Deck Area	11.8 m x 20 m
Deck Capacity	5 t/m ²
Gross tonnage	1540 tonnes (TBC)
Accommodations	40 total

MAIN ENGINES & GENERATORS

Main	2x Cummins KTA 50-DM – 1235b kW @ 1800 rpm 1x Cummins KTA 19-DM – 435kW @1800rpm
Main Propeller	2x off STEERPROP SP10L, 843kW each
Thrusters	Booster Stern Thruster: 1x off STEERPROP SP10L, 843kW each Bow Tunnel Thrusters: 2x off BERG BFTT316, 560kW
Consumption	Economic Speed: ca. 6.8t/ day DP: ca. 4.5t/ day

VESSEL SPECIFICATIONS

NAVIGATION & COMMUNICATIONS

DP System	2 x Navis DP Operator Stations - NAVIS IVCS 2000 + NAVIS IVCS IJ
Positioning	DGPS 1 - FUGRO 9205; DGPS 2 - FUGRO 9205; 1 x CyScan Laser (SW Version 3.18)
Radar	1 x Furuno (S-band) w/Arpa - 1 x Furuno (X-band 9 Ghz) w/Arpa
Echosounder	TBA
Weather	2x wind sensors RM Young Ultrasonic 8500
Motion Ref. Unit	2x off Navis
USBL	Sonardyne Ranger 2 HPT7000
Communications	V-SAT and Starlink
VHF	2x VHF w/DSC 1 x VHF
MF/HF	1x MF/HF w/DSC
Inmarsat	2x Inmarsat-C with SSAS alarm
GMDSS	1x GMDSS A3



