



# MN **ECO ONE**

Offshore Supply Vessel

A 59 metre DP-1 Survey Vessel whose dual stern A-frames facilitate fast and efficient surveys. High quality on board technology multiplies its suitability with a wide range of systems.



Via Antiniana 2/G – 80078 Pozzuoli (NA) Tel: +39 081 523 0901 – Fax: +39 081 523 0920 e- mail : [info@argosrl.com](mailto:info@argosrl.com)

[www.argosrl.com](http://www.argosrl.com)



# ARGO ECO ONE

## Technical Specifications

### General

Vessel Name	Eco One
Flag	Italian
Port of Registry	Naples
IMO No	9651357
Call Sign	IBAG
Classification	RINA ✕ Offshore Supply Vessel Fire Fighting Vessel Class 1 Water Spaying Vessel AM/A T (DP 1)

### Main Particulars

Builder	Fujian Southeast Shipyard
Funing	Shipbuilding Heavy Industry Fujian, China
Built	06 September 2012

### Principal Dimensions

LOA	59.25 m
Freeboard Length	54.00 m
LBP	52.20 m
Breadth Mid	14.95 m
Depth Mid	6.10 m
Draft Mid	4.95 m

### Capacities

GT	1680 MT
Net tonnage	504 MT

### Deck

Deck Straight	7.5 tonnes/sqm
Clear Deck Area	350 m <sup>2</sup>

<b>Speed</b>	13.0 kts @ 100% MCR
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<b>Fuel Type</b>	Marine Diesel Oil
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### Tank Capacity

Fresh Water	abt 1000 m <sup>3</sup>
Fuel Oil	abt 500 mt

### Main Propulsion

Main Engine	2 x CAT 3516CHD, 1920 kW @ 1600 RPM
Propeller	2 x CPP c/w Forged Steel Shafting
Thruster	2 x Bow CPP Tunnel, 8 mt thrust, Electric Motor Driven
Steering Gear	2 x Electro Hydraulic Driven Steering Gear
Stern Thruster	1 x CPP Tunnel, 6 mt thrust, Electric Motor Driven

### Power Plant

Main Generator	Cat C-18, 2 x 350 kW 415/3/50, Diesel Engine Driven
Shaft Generator	2 x 800 kW, Main Engine Driven via Gearbox
Emergency Generator	1 x 65 kW, Air Cooled Radiator Diesel Engine Driven

### FiFi Equipment

External Fire	2 x Fire Pumps, Main Engine Driven c/w water monitors
Figthing System	Remote Control in Bridge

### Deck Machinery

Crane	3t@ 9m
Crane	Aft A – Frame 8.0 m SWL 15 t

<b>Deck Spaces</b>	350 mq
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### Accomodation

	20 for client
	Total berths including crew: 35
	All cabins are air conditioning provided

<b>Mess/Day room</b>	1
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<b>Recreation room</b>	1
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### Other Equipments

DP-I System	Kongsberg K-Pos and C-Joy Control
Gyro Compass	2 x Raytheon STD 22 Compact Gyro Compass
Wind Sensor	2 x Young 05106 Wind Monitor MA
MRU	Seatex MRU 5

### Consumption

13.5 kn	abt. 16 cbm/day
10 kn	abt. 7.5 cbm/day
Economic speed	abt. 5 cbm/day
8 kn	
DP mode	abt. 5/6 cbm/day
Survey mode	abt. 3 cbm/day



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