

# 'Kanoo 40'

Topaz launches a 30-metre catamaran crew boat for Kanoo Shipping



Topaz Energy and Marine, through its subsidiary Nico Craft, has launched a 30.2-metre crew boat named 'Kanoo 40' for Kanoo Shipping.

The crew boat was designed by Technicraft, New Zealand and all the engineering and construction work was undertaken by Nico Craft in Fujairah.

'Kanoo 40' is a medium speed catamaran vessel designed to service vessels within a distance of 50 nautical miles from port. The boat was constructed using welded, seawater-resistant aluminium alloy and the hull is a semi-planing type.

The vessel has an overall length of 30.2 metres on a ten-metre moulded beam and a



draught of 1.2 metres. Built under survey to Bureau Veritas, the crew boat has a deck cargo capacity of 35 square metres and can carry a crew of 5 and up to 35 passengers.

The 185GRT vessel is powered by twin Caterpillar C32 ACERT main engines, each rated at 1,045kW at 2,300rpm, driving fixed pitch propellers via Twin Disc MGX6620A gearboxes. Auxiliary power is produced by a single Perkins 4.4 TGM generator set developing 60kVA/60Hz/380V at 1,500rpm.

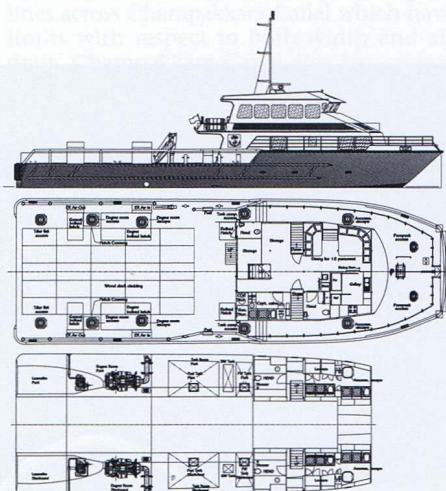
The vessel has a maximum speed of 27 knots and a cruising speed of 20 knots (with 40 tonne deadweight at 90 percent MCR).

Topaz Engineering has its shipbuilding base in Fujairah (Nico Craft) and Abu Dhabi (Adyard). Nico Craft's focus has been passenger ferries, fast patrol boats, crew boats, utility boats and various commercial craft up to 40 metres in overall length. Its new state-of-the-art facility has two sheds of 120 metres each with all the required production machinery including a 200 tonne capacity marine Travelift. Nico Craft currently has in excess of nine boats under construction, five of which are steel monohull crew boats designed by Incat Crowther, Australia.

Nico Craft forms a part of Topaz Engineering, the newly formed engineering division of Topaz Energy and Marine.

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## 'Kanoo 40'

### SPECIFICATIONS

Type of vessel:	OSV Crew/support craft
In survey to:	Bureau Veritas
Home port:	Dubai
Owner:	Kanoo, UAE
Operator:	Kanoo Shipping, UAE
Designer:	Technicraft, New Zealand
Builder:	Nico Craft, Dubai, UAE
Hull construction material:	Aluminium
Length overall:	30.2 metres
Beam:	10 metres
Draught:	1.2 metres
Depth:	1.5 metres
Tonnage:	185GRT
Main engines:	2 x Caterpillar C32 ACERT, each 1,045kW at 2,300rpm
Gearboxes:	2 x Twin Disc MGX6620A
Propulsion:	2 x fixed pitch propellers
Generators:	1 x Perkins 4.4 TGM, 60kVA/60Hz/1,500rpm/380V
Steering system:	Teignbridge electric-hydraulic
Maximum speed:	27 knots
Cruising speed:	20 knots with 40 tonne deadweight at 90 percent MCR
Electronics supplied by:	Radio Holland
Radar:	Furuno M 1934C
Depth sounder:	Furuno GP 1850 WDF
Radio:	Sailor RT2048
Compass:	Silva
GPS:	Furuno Navigator
Capstan/windlass:	Boatmax
Cranes:	Atlas Terex 2.9-tonne, foldable
Paints/coatings:	International Paints
Seating:	Beurteaux Ocean Diner
Flooring/deck surface finishes:	Non-skid vinyl
Interior fitout/furnishings:	Ayres Panels
Liferafts:	4 x 20-person
Deck cargo capacity:	35 tonnes
Fuel capacity:	14,000 litres
Freshwater capacity:	6,000 litres
Crew:	5
Passengers:	35

