

# Taran



## Key Benefits

- Permanently mobilised survey spread
- High resolution Teledyne T51-R MBES
- Hydraulically operated pole in dedicated moonpool
- Hull mounted SBES and ADCP
- Twin side poles (USBL / SBP etc)
- Large deck working spaces with 1.5 tonne crane
- UK CAT 2 (60 miles)
- Capacity for 6 personnel and 2 crew

## Purpose built survey catamaran

**Taran is a versatile platform that provides capability to carry out the full range of hydrographic & geophysical surveys. With two 90HP outboard engines, and shallow draft twin hulls, Taran is an ideal vessel for all shallow water environments.**

Measuring 7 metres and fully road transportable, Taran has ease of access for deployment from a trailer ensuring suitability for work anywhere in the UK.

# Description and Features

## General specification

<b>Length overall:</b>	19.6m
<b>Beam:</b>	5.8m
<b>Max draught:</b>	2.0m
<b>Material:</b>	Steel
<b>Maximum speed:</b>	14 knots
<b>Fuel capacity:</b>	8,100 tonnes
<b>Gross tonnage:</b>	41.5 tonnes
<b>Water capacity:</b>	600 litres

## Machinery

<b>Main engines:</b>	2 x Cummins NT855M 720hp
<b>Propulsion:</b>	Drive shaft
<b>Generator:</b>	1 x Beta Marine Kubota 20kVA main + 7kVA aux
<b>Deck crane:</b>	Copma 2000 75.2, 1.5 tonnes
<b>A-frame:</b>	Available on request

## Survey instruments

<b>Inertial navigation system:</b>	Applanix POS MV WaveMaster II RM
<b>Multibeam echosounder:</b>	RESON SeaBat T51-R (800kHz)
<b>Singlebeam echosounder:</b>	Odom Echotrac E20 Dual Frequency
<b>Sound velocity:</b>	SVP-70, Valeport SWiFT
<b>GNSS:</b>	NovAtel MarinePak7 RTK
<b>ADCP:</b>	RDI Workhorse Mariner (300kHz)
<b>Gyrocompass:</b>	TSS MAHRS

## Classification

<b>Flag / Coding:</b>	UK Cat 2 (60 miles)
<b>Personnel:</b>	6 pax / 2 crew



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