

Description	Details
MAIN PARTICULARS	
Company/Owner	Carlin Boat Charters Ltd
Vessel name	Channel Chieftain VII
Vessel type [CAT, MonoHull MH, Trimaran Tri, SWATH, other]	CAT
No. of crew	Up to 6
No. of PAX	12
Flag state & certification	UK, MCA COP Cat.2
Classification Society & Notation(s)	N/A
Builder/Yard/number	Mercurio Plastics, Spain
Hull material	GRP
Year of Build	2003
Length Over All (LOA) [m]	27.70 m
Length between perpendiculars (Lbp) hull [m]	23.95 m
Beam over all [m]	8.4 m
Extreme draught [m]	3.30m
Operational Draught [m]	2.6 m
Minimum operational water level below keel [m]	1.0 m
Freeboard height @ midship [m]	1.37 m
Bow Height [m] @ transfer point	4.85 m
Light ship displacement [tonnes]	118.32 t
Design condition displacement [tonnes]	t
Max. dead weight displacement [tonnes]	156.5 t
Fresh water capacity [litres]	3000 ltrs
Fuel transfer capability [yes/no]	Yes
Fuel Capacity [litres]	36000 ltrs
OPERATIONAL PARTICULARS	
Service speed [knots]@ seastate 2	16 kts
Max. speed [knots]@ seastate 2	18 kts

Service speed versus Sea state limitation. [kn @ 1.5m Hs] (Company policy)	14 -16 kts
Max. speed v. Sea state limitation. [kn @ 1.5 Hs] (company policy)	14 – 16 kts
Classification info. Society, notation operation limits. [kn@Hs]	N/A
Operational hours restriction if any [hours]	N/A
Bollard push [tonnes]	?
Bollard push to displacement ratio [BP tonnes/ Displacement tonnes]	?
Transfer Operation limit [Hs] and corresponding wave direction to the vessels (eg. 1.5m @head	1.5[Hs}
MACHINERY PARTICULARS	
Engine manufacturer/Engine type	Duetz TBD616 V16
Number of engines installed.	2
Total Installed power [kW]	1920 kW
Total installed power to design displacement ratio [kW/tonnes]	
Fuel Specification/grades [Standard] incl. lubricants	MGO (light) 14/40 Oil M/E & generators SAE 30 Gear Oil
Bow thruster [yes/no]	Yes
Bow thruster power [kW]	Yes 90Kw
Engine load @ service speed @ seastate 2	82%
Engine load @ Max. speed @ seastate 2	95%
Fuel consumption [litres/h] @ service speed @ seastate 2	298 ltrs/hr
Fuel consumption [litres/h] @ Max. speed @ seastate 2	480 ltrs/hr
Fuel consumption [litres/h] @ 20 kn. @seastate 2.	N/A
Propulsion system type [WJ, CPP, FPP, IPS, other],	FPP
Propulsion system manufacturer and make	Clements Engineering props

If WJ – Max. WJ input power [KW] @ zero speed, ie Bollard Push [kW]	N/A
DECK ARRANGMENTS & EQUIPEMENT	Details
Crane [yes/no]	Yes
Crane specification if any.	Atlas
Container position [yes/no]	YES
Container position details. [no. aft, no. fore]	2 x 20' container aft deck
HP washer	No
CARGO capacity total [t]	40.7 t
Cargo capacity fore deck[t]	16.5 t
Cargo Capacity aft deck [t]	23 t
Specific deck load [t/m ²]	1.5 t/m ²
Free Deck Space fore deck[m ²]	25 m ²
Free deck space aft deck [m ²]	60 m ²
Sewage discharge shore connection	
Oily Bilge water discharge shore connection	No
Transfer system/Prepared for Transfer system [yes/No] & [Type]	
NAVIGATIONAL EQUIPMENT & COMMS.	Details
Crewfinder system corresponding to the (Personnel locator Beacons (PLB's) used on site [Yes/No]	Yes
The vessel must at least be equipped with GPS [Yes/No]	Yes
The vessel must at least be equipped with NAVTEX [Yes/No]	Yes
Communication system on board the vessel must allow communication between the master at the helmsman position and deck crew at any position on the vessel. [Yes/No]	Yes
Radar reflector [Yes/No]	Yes

Automatic identification system (AIS) class A [Yes/No]	Yes
Updated nautical paper charts for the operational area and electronic chart display approved by authorities. [Yes/No]	Yes
Propeller RPM or thrust indicator [Yes/No]	Yes
Rudder angle indicator (or direction of steering thrust) [Yes/No]	Yes
GHz Radar with plotting function [Yes/No]	Yes
Echo sounding device [Yes/No]	Yes
Speed and distance measuring device capable of measuring speed through the water (speed log) [Yes/No]	Yes
Satellite compass [Yes/No]	Yes
A fixed mounted magnetic compass, properly adjusted with deviation table [Yes/No]	Yes
Sound signalling equipment [Yes/No]	Yes
GMDSS Radio equipment	No
Handheld VHF for deck personel	Yes
VHF with DSC & P-channel as advised by site	Yes ICOM
Emergency Position Indicating Radio Beacon (EPIRB)	Yes
Search and Rescue Transponder (SART)	Yes
ACCOMMODATION ARRANGEMENT	Details
Seating (number, recline, suspended, fixed)	x 13 Suspensions.
Storage	Yes
Mess/Pantry and toilet/shower	Yes
Dry baggage storage	Yes
Wet changing room	No

Storage for sensitive WTG spare parts	Yes
Comfort levels, Noise levels	
HVAC	Yes
FIRE FIGHTING APPLIANCES	Details
Fixed fire extinguishing system	2 x 85Kg Co ²
Portable extinguishers	3 x 9 ltr Water 3 x 9 ltr AFF Foam 1 x 4Kg Powder 3 x 2Kg CO ² 2 x 5Kg CO ²
Fire pump(s)	X 2 Electric
Fire Hoses	X 2 hydrants and hoses
Fire Blanket(s)	X 1
Other	
LIFE SAVING APPLIANCES & RESCUE EQUIPMENT	Details
Liferafts(number, position, total persons accommodated)	X 2 Solas A. Situated on Bridge wings 1 to port, 1 to starboard. Total 20 persons
Immersion suits (number)	14
Thermal Protective aids (number)	18
Life jackets (number)	18
Life Buoys (number)	4
Man Over Board Equipment	Dog catcher, Davit and Winch
Search Lights (Number, remotely operated, portable)	X 1 remotely operated x 1 portable
Defibrillator [yes/No]	No
ADDITIONAL FEATURES/REMARKS	Details

Vessel Motion Monitoring System	No
CCTV monitoring and recording of operations	Yes
Other	