

Carla – Multipurpose catamaran





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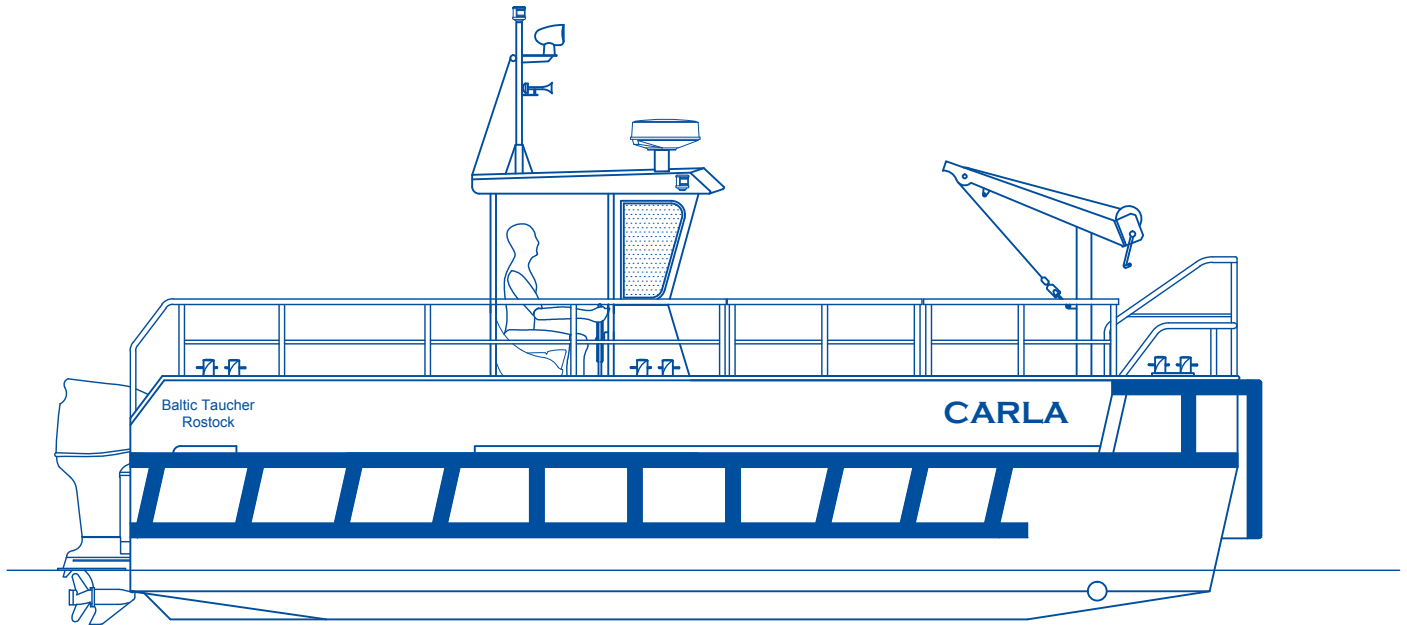
Technical data

Basic data	Vessel type	Pontoon catamaran
	Year of built	2022
	Manufacturer	Yaro Yachtagentur Rostock, Germany
	Authority	BG Verkehr
	Call sign	DKND2
	Hull No.	DE-YARBT801F222
	Flag	German
	Homeport	Rostock
	Crew & Guests	1x crew + 5 guests / 2x crew + 8 guests
	Trading area	Near Coastal Voyages as Single-Watch Vessel only for voyages up to 10hrs. (Voyages to Dutch, Danish & Polish ports) National Coastal Voyages up to a distance of 5nm as Single-Watch Vessel National Coastal voyages - Voyages in connection with a mother vessel up to a distance of max. 5nm to the mother vessel
	Draft cwl	+/- 34 m
	Draft max.	+/- 0,48 m
Main dimensions	Length overall	8.70 m
	Length hull	7.90 m
	Length cwl	7.73 m
	Beam overall	2.98 m
	Draft cwl	±0.35 m
	Displacement cwl	±4.40 t
	Gross tonnage	4
	Net tonnage	1
Machinery & propulsion	Engine	2x Suzuki outboard engine DF140 ATX , 4 cylinders/ 16 valves DOHC
	Drive	103 kW (140PS)
	Service Speed	7 kn
	Max Speed	10 kn
	Gear box	robust industrial gear box for push and pull work
	Shaft length	63 cm
	Weight per engine	190 kg
	Exhaust emission	according to CARB 2008
	Hight adjustment	up to 148 mm, Seastar Electro hydraulic Jack Plate powerlift
	Bowthruster	yes
Performance	Service speed	9 kn
	Max speed	25 kn
	Average consumption	service: 20.8 l/h - max.: 41.0 l/h
Tank capacities	Fuel	4 x 96 ltr
Equipment	Nautical	Lowrance HDS-7 LIVE fish-finder/ GPS chart-plotter with ACTICE imaging 3-in-1 depth sounder Lowrance HALO24 Radar NAIS-500 class B incl. VHF antenna
	Rescue equipment	MOB crane, stretcher, searchlight,VHF radio
	Davit crane	1x power arm Akrobat E (max 400kg)
	Winch	2x PW300-15
Anchorage		1 x 12 kg foldable star anchor Bow fender system and two mooring-winchs for push operations
Optional		2 or 4 point mooring
		Towing hook
		A-frame bow and stern
		Rain or sun roof on the cargo deck
		Engine protection – rail
		Power generator
		Jason cradle + IPURB

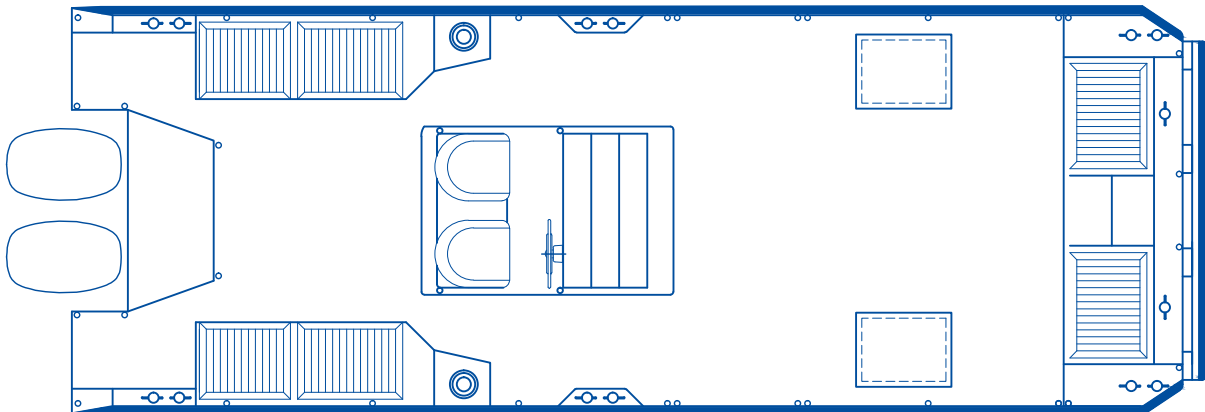
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Technical drawings

Side view



Top view



Possible areas of application

- ✓ Survey
- ✓ Monitoring
- ✓ Diving
- ✓ Water and environmental protection/ Oil spill response
- ✓ Construction site supervision/ Guard
- ✓ Push boat
- ✓ Crew transfer
- ✓ Environmental research
- ✓ Film and TV recordings

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