

CHALLENGER GB-CLASS

MULTI-MISSION HIGH SPEED CRAFT

**The Challenger is designed
to get you there faster
than anything else on the water,
to complete the mission required,
and to come back every time.**

40+ Knots, Extremely Maneuverable

Rapid Reconfigurable Modules

High Quality and Reliability

Transportable by Trailer and Aircraft

**The military and commercial
craft of choice when speed and
flexibility are important.**

**The first fully integrated
mult-mission small craft.**

PRODUCT DESCRIPTION

The Challenger GB-Class is a modular concept high-speed work craft built on an aluminum, stainless steel and rubber platform. Powered by twin 660-HP Caterpillar diesel engines driving 20-inch impeller water jet propulsion units, Challenger is fast, maneuverable and equally competent in rivers, coastal waters, and open seas. Challenger is available in 10-, 12- and 14-meter models. A variety of drop-in modules allow Challenger to adapt to a wide range of military and commercial missions.

MISSIONS INCLUDE

- Personnel transport
- Freight
- Fire suppression
- Oil spill recovery
- Harbor security
- Mine countermeasures
- Anti-air warfare
- Dive and salvage
- Search and rescue



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CHALLENGER GB-CLASS

MULTI-MISSION HIGH SPEED CRAFT

40+ KNOTS

EXTREMELY MANEUVERABLE

The Challenger's advanced hull design and turbo-charged engines coupled to powerful water-jet pumps give it unparalleled speed and maneuverability.

- Accelerates from 0 to 40 knots in 10 seconds
- At 40+ knots, turns 180° in 1.5 boat lengths
- Full-thrust reverse, 40 knots to full-stop in 2 boat lengths
- Shallow 1-meter draft capable of river and coastal patrol missions

RAPID RECONFIGURABLE MODULES

The Challenger's drop-in modules can be installed in minutes with a simple dock-side lift.

- (PTM) Personnel Transport Module
- (LFM) Light Freight Module
- (FSM) Fire Suppression Module
- (OSM) Oil Spill Recovery Module
- (SRM) Search & Rescue / Harbor Security Module
- (DSM) Dive Salvage Module
- (MCM) Mine Countermeasures Module
- (AAM) Anti-Air Warfare Module

HIGH QUALITY & RELIABILITY

- Two 660 HP model 3196 DITA Caterpillar engines, supported by a worldwide parts and maintenance network
- Twin 20-inch North American Marine Jet (NOMERA) water propulsion units, direct drive
- Instantaneous electric overspeed control
- SAFETM solid-cell foam sponsons not compromised by puncture or abrasion
- Two main & two reserve fuel tanks

TRANSPORTABLE BY TRAILER AND AIRCRAFT

- Highway transportable on a triple-axle trailer (with foam sponsons removed)
- Air transportable by C-130 cargo aircraft (except 14-meter model)
- Preparation for transport is a two-person, 30-minute operation

10 meter



12 meter



14 meter



GENERAL SPECIFICATIONS SUMMARY

Feature / Capability	10 meter	12 meter	14 meter
Number of engines	2	2	3
Payload in kilograms	1134	2268	3288
Maximum continuous speed (knots)	40+	40+	40+
Range at maximum speed (NM)	500	500	500
Number of personnel	11	16	21
Fuel capacity in liters	2650	3028	4542

