

# THOR – Twin Hulled Offshore Raider



Fitted with a remote weapon station and other crew served weapons, THOR is designed to fulfil a number of roles including Force Protection of the amphibious sea lanes, casualty extraction from a beach, carrying and deploying a PLF (Pre Landing Force), riverine patrol, protection of harbours and offshore installations and disaster relief.

The design boasts a (patent-applied) modular carousel pod system to enable it to be configured for each of these varied tasks, and its twin engines with water jets mean it will comfortably achieve 40 knots.

CTruk envisage that THOR will be used in conjunction with a 28m CTruk 50T multi-purpose catamaran as mother ship, enabling sustained operations over greater distances and for longer periods of time within an Economic Exclusion Zone.



## Base Craft

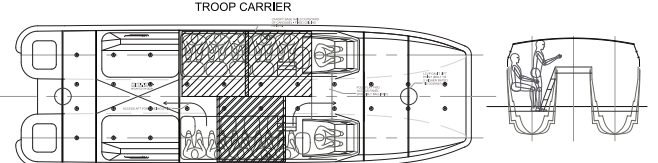
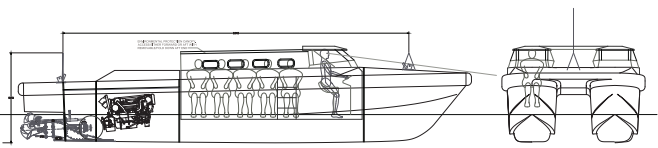
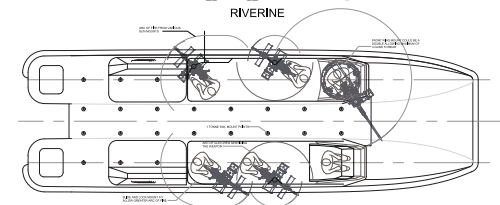
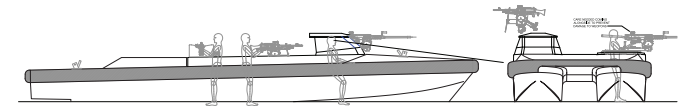
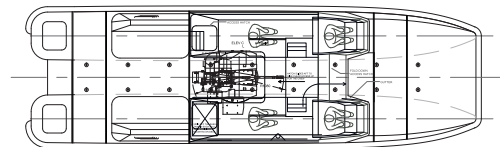
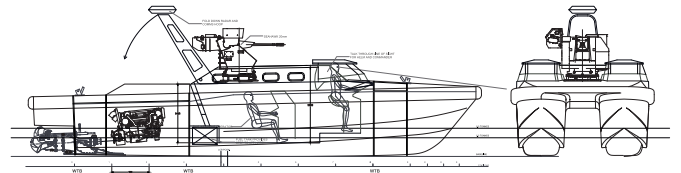
- Dimensions: LOA 11m, beam 3.45m, displacement 5.5-9.5 tonnes.
- Construction: composite materials.
- Propulsion: 2 x Yanmar 8LV-370 engines + Rolls-Royce FF-310 water jets.
- Top design speed 40+ knots.
- Bridge deck includes 1 tonne strong points to allow cargo to be secured or different operational equipment and pods to be installed.
- Lifting points for Hendriksen hooks built in to allow lifting with current davit systems.
- 500 litre standard fuel capacity.



## Force Protection Craft

*This configuration includes a remote weapon system controlled from within the craft.*

- Space for 2 primary crew (cox and commander).
- Space for 2 additional crew (weapon operator and situational awareness operator).
- RWS options include SAAB Trackfire 50 calibre.
- Canopies to provide environmental protection to crew and sensitive equipment.
- Full situational awareness suite installed.
- Option for fully suspended shock mitigating carousel in main compartment to house troops and equipment.
- Optional configuration includes 2 extra troops operating GPMGs.



## Troop Carrier

*The focus of this configuration is the safe and efficient transport of troops to other vessels or beaches.*

- Provision to carry 2 crew and up to 10 troops.
- Space provided for full CEMO for all troops.
- Full width canopy allowing pre-mission briefing with environmental protection.
- Option for fully suspended carousel in main compartment to provide troops with a more comfortable ride.

## Riverine

*Patrol vessel configuration providing extra fire power with a focus on quick response and high manoeuvrability.*

- Provision to carry 2 crew and 4 troops.
- Ballistic protection for driver, navigator, weapon operator.
- Ballistic protection for engine and jets.
- Weapons to include a manually operated 50 calibre weapon on a ring mount and up to 4 GPMGs; 2 on pintle mounts and 2 on slide & lock pintle mounts.