

# CTruk CWhisper SWATH



CWhisper was designed to dramatically improve the comfort of technicians transiting out to offshore wind farms. Motions are approximately a quarter of those of conventional catamarans, significantly increasing the current wave height limits for technician transfer and thereby reducing downtime due to adverse weather. CWhisper is also extremely cost-effective, with a measured fuel consumption of less than 100 litres per hour at 20 knots.

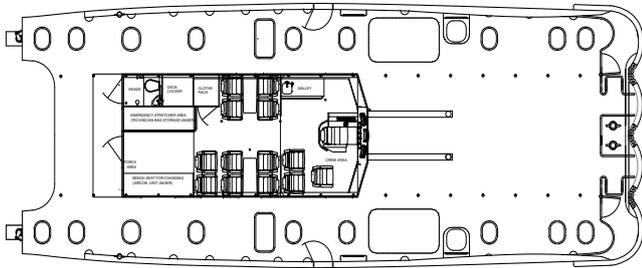
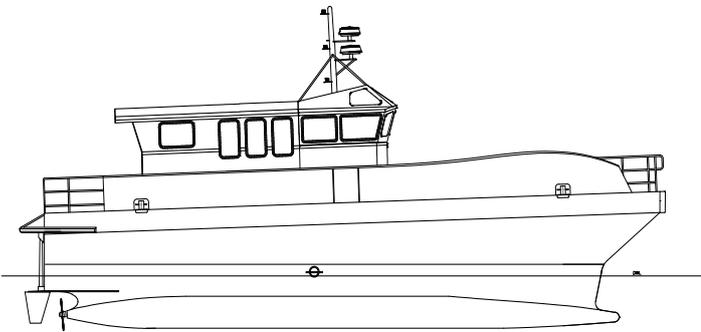
The CWhisper's SWATH hull form allows higher speeds than conventional catamarans in sea states of over 1 metre significant wave height and her dynamic ride control system reduces roll and pitch for a smoother transit. Tests have also shown that the force needed to hold CWhisper against the transition piece is a quarter of that needed by a conventional workboat.

CWhisper will have a great impact on operations for round one and round two offshore wind farms, but this SWATH was designed with round three in mind. CTruk envisages that she will be davit launched from mother ships to provide cost-effective access in all but the roughest seas.



## Main Particulars

- Length overall: 19.5m
- Beam overall: 7.8m
- Draft: 1.48m
- Displacement: 30 tonnes
- Hull material: Infused composites
- Forward deck space: Up to 44m<sup>2</sup>
- Aft deck space: Up to 44m<sup>2</sup>
- Cruising/top speed: 23/26 knots
- Accommodates 12 passengers

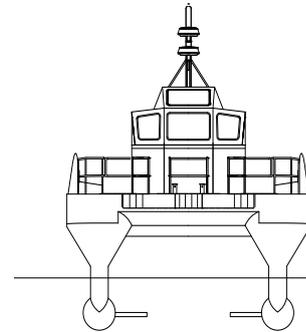


## Classification Options

- DNV 1A1 HSLC R2 Wind Farm Service Rules
  - MCA SCV Category 2
- All vessels are built to DNV letter of compliance.

## Main Features

- Moveable wheelhouse
- Multiple deck combination
- Outside remote helm position
- Single-handed MOB recovery system
- CTruk flexible pod mount system (patent-applied)
- Volkorf bow (patent-applied)



## Main Equipment

- 2 x Cummins 610Hp marine engines
- Fixed pitch propellers
- Simrad electronics
- Dynamic ride control system
- Beta 11kW generator
- 6,000 litre fuel capacity
- 300 litre fresh water capacity
- Inverter/charger 3KVA
- Automatic ballasting system

