

Subsea Intervention Daughter Craft



The KD Marine Daughter Craft DC01 and DC02 provide an enhanced and highly efficient access system for Divers or ROVs around offshore production installations and facilities. It also facilitates diving performed from non diving support vessels.

As well as being able to access difficult and remote positions they can also facilitate simultaneous working on multiple work faces thus increasing productivity.

Main Particulars

LoA: 11.9m
 BoA: 3.6m
 Draft: 0.7m
 Displacement/Weight: 10t
 Road Transportable
 Forklift Handlable in Light Weight Cradle
 Davit Launch and Recovery via MacGregor/Hydramarine
 Davit Hydraulic Towing Boom
 12t Henriksen Auto Release Hook

Performance/Capabilities

Speed (approx.): 8 knts
 Maximum Operating Sea State: 2.5m
 Max L&R Sea State: 3m
 Fuel (in 2 x 150 ltr tanks): 300 ltr
 Diving Gas (in 12 x 50ltr 200 bar): 120m3
 Emergency Air (in 1 x 50ltr at 200bar): 10m3
 Max PoB: 12
 Self Righting Capability

Machinery

2 x Cummins 120hp Jets
 1 x Cummins 4kW/4kVA, 18.2 amps 220 v generator
 2 x Battery Charging Alternators 12 v DC
 1 x 160 AH 12 v DC Battery
 1 x 65 AH 12 v DC Battery
 Electric and Manual Bilge Pumps

Approvals/Standards

Year Built 2008
 MCA Category 3
 Lloyds Register Design and Construction
 IMCA Marine M 189
 IMCA Diving D 018, D 040

Communication/Instruments

1 x Icom 88 channel VHF IC-M505 class D DSC
 1 x Icom 88 channel VHF IC-411 class D DSC
 1 x waterproof mobile VHF IC-M71
 1 x Icom 256 channel UHF IC-F610
 2 x Compass (1 x Danfoth A154 86 mm & 1x Silva 73R)

1 x Deck PA
 1 x Furno 1832 Radar
 1 x Echomax Radar Reflector
 1 x Plastimo Quartz Clock and Barometer
 1 x Ray Marine A90 Series Navigation System

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Diving Equipment

- 1 x Nautronix 3520 Diver/Deck Communications
- 3 x 50-70m Diver Umbilicals
- 3 x Kongsberg Sea Hawk Helmet Mounted CCTV Systems
- 2 x MIXT DVR and Black Box Recording System c/w 2 Monitors
- 1 x MIXT Client Inspection Computer c/w 1 Monitor
- 1 x MIXT Telemetry System
- 3 x Diver Nitrox/Air Panel (fully integrated)
- Analox Oxygen Analysers
- Resupply Cables and Hoses
- Mooring Hawsers and Fenders
- Containerised Suit Drying and Changing Facilities
- Containerised Haskell Gas Transfer Pump
- Containerised Twin Lock DDC
- Containerised Work Shops and Stores

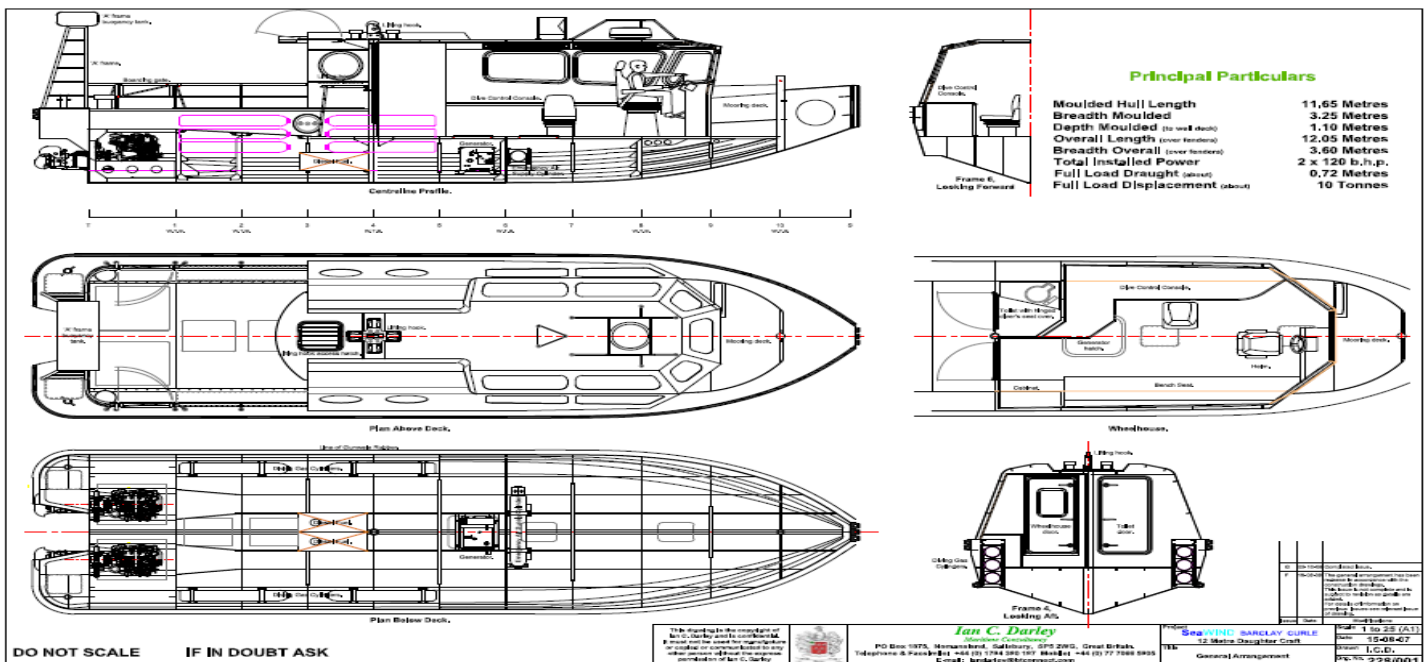
Lifesaving/Safety Equipment

- 2 x Life Buoys
- 2 x Work Harnesses and Lanyards
- 2 x Crowcon Multi Gas Alarms
- 12 x Man Life Raft with Hydrostatic Release
- Man Overboard/Diver Recovery Hoist
- Light Weight Evacuation Stretcher
- Oxygen Resuscitation Set
- Pyrogen Fire Suppression System
- Portable Fire Fighting Appliances and Pumps
- MCA Approved Pyrotechnics and Signals
- MCA & DMAC First Aid Kits
- 12 x MCA Approved Life Jackets and Immersion Suits
- 12 x PoB Emergency Breathing System

Accommodation/Facilities

- Heated and Ventilated Wheel House
- Anti-Glare Windows
- Toilet Compartment
- Deck Flood Lights

- Screen Demist and Wipers
- Retractable Diver's Ladder
- Seating, Seat Belts and PPE for 12 x PoB
- Cargo Lashing Points



Safe

Reliable

Competent

Cost Effective