

# Vital

## Multi-role Vessel



### General

Type of Vessel:	Multi-Role Vessel
Built:	McTay Marine Services, 2013
Certification:	MCA Workboat Code Cat 2/60

### Dimensions

Length:	17.00 m
Beam:	7.00 m
Draft Light:	1.20 m
Draft Loaded:	1.80 m
Displacement:	90 tonnes

### Performance

Free Running Speed:	8.5 knots
Bollard Pull:	6.5 tonnes
Deck Carrying Capacity:	7.5 tonnes sq.m

### Propulsion

Main Engines:	2 x Doosan MD 196 TI
Total Power:	640 bhp @ 2000rpm
Gearboxes:	Dong 3.46 : 1
Propulsion:	2 x Shrouded 5 blade fixed pitch props

### Auxiliary Equipment

Generator No 1:	Cummins 6BT 5.9 DM 34kVA
Generator No 2:	Beta Marine BV 3000 G3 46 kVA
Fuel Transfer Pumps:	100 lpm
Electrical system:	415 V, with a 220 V Shore connection

### Tank Capacities

Fuel Bunkers:	2 x 6200 litres
Fresh Water:	1000 litres

### Deck Equipment

Hydraulic Crane:	BS680 M6 68 t/m
Deck Winch:	Nippon Pusnes 10 tonne
Additional:	Timer deck protection Welding set, burning equipment,

### Accommodation

Wheelhouse with a bench seat. Galley / day room with sanitary space.  
Below deck 2 x 2 person cabins and Large workshop / store room.

### Navigational Equipment

Radar/chart plotter:	Furuno NavNet 3D MFD12
Radar:	Furuno DR5 4D
NavPilot:	Furuno FAP 7001
GPS:	Furuno GP37
Echosounder:	Furuno LS-6100
VHF:	2 x Icom IC-M423
Handheld VHF:	Icom IC-M23
Compass:	Ritche
Searchlight:	Styler 3049R

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