



Rodson Universal

www.rodson.com

info@rodson.com

Ref rh1013

Cutter suction dredger

Length O.A. (M): 48.80
Breadth (M): 11.90
Depth (M): 2.85
LDT (Tons): 450 31
Dredging Depth (Max.): 18.00
Cutter Power (HP): 750

Accommodation

Mess Room: 01
Kitchen: 01

Main Engine: 1125 HP x 2 @1,225rpm
Main Engine: TypeCaterpillar (USA) D-399TA
Main Genset: 1125 HP
Main TypeCaterpillar (USA) D-399TA

Main Dredge Pump: 10,000 cub. mtr / day *
Suction: 28 inch Dia
Discharge: 26 inch Dia
Floating Pipeline: 650 meters
Shore Pipeline: 1350 meters

B.V.Coastal Service (expired)

Comply with SOLAS and flag country as regards fire-fighting & life saving facilities requirement.

Portable Fire Extinguisher:
8 x 9 kg CO₂ , 4 x 8 kg
Dry Powder;
1 x 45L Foam Fire
Extinguisher
(cart-pushing);
Electric Fifi General Pump
Power: 36 cbm/ hr.
Standby Electric Fifi Pump

Pontoons

Fore side pontoon (Stbd)	196.25 M ³
Fore side pontoon (Port)	196.25 M ³
Aft side pontoon (Stbd)	114.19 M ³
Aft side pontoon (Port)	114.19 M ³
Centre pontoon	254.22 M ³



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Machinery and Equipment :

Description of propelling Machinery	None
No. of Propellers	None
Main Engine:	02 x Caterpillar Model D399 TA ("V" type 16 cylinders) - Eng NOs: 35B2145 & 35B2471 (HP 1125 & RPM 1200 Each)
Auxiliary Engine :	01 x Caterpillar Model D399 TA - Eng No. 35B2469 (HP 1125 & RPM 1200)
Diesel Generators:	01 x Perkins (35 KVA; 04 Cylinder) 01 x Leyland (65.5 KVA ; 06 Cylinder)

General Survey of Hull Afloat:

a.	The Hull structure (including Main Deck plating, Pontoons, Doors, and Cabins) was observed in satisfactory condition.
b.	Accommodation, Galley, Wash room & Machinery compartments found without remarks.
c.	Mooring bits and guardrails observed in satisfactory condition.
d.	All load line items on the hull, i.e. air vent pipes, sounding pipes, side scuttles doors etc. noted to be in satisfactory condition.

Life Saving and Fire Fighting Equipment:

The following equipment was visually inspected and found satisfactory.

a.	Lifebuoys	04 NOs.
b.	Life jackets	05 NOs.
c.	Pumps	02 NOs. (01 x Fire Pump & 01 x GS Pump)
d.	Fire Hydrants	02 NOs. (P & S on deck)
e.	Fire Hoses	02 NOs.
f.	Fire Extinguisher	02 x 06 Kg Dry Powder (Validity 2010) 03 x 09 Ltrs Foam (Validity 2010) 03 x 03 Kgs CO ₂ (Validity 2010)

Navigational Equipment:

The following equipment is fitted onboard:

a.	VHF	1 - COM (IC-M59)
b.	Gyro Compass	01 x Gyro (Make - Sperry MK37)
c.	Magnetic Compass	01 x LALIZAS (Ritchie) B-5 IW-L
d.	Echo Sounder	Supertec, Digital Echo (Model PA 0322)
e.	Navigational Lights	One (01) set



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