



# Accommodation Vessel

# AC-03



## MAIN PARTICULARS

Built	2011		
Classed by	ABS + Maltese Cross + A1 Barge for Unrestricted Service	Accommodation	300 men
Flag	Tuvalu	Single berth cabin	8 nos
		Double berth cabin	14 nos
		Four berth cabin	66 nos
Length overall	120 m	1 x Gallet	1 x control room
Beam	31.7 m	1 x Mess room	1 x 3 bed hospital
Depth moulded	9 m	10 x Offices	2 x conference room
Min operating draft	6 m	1 x Cinema room	1 x gymnasium
Gross ton/deadweight	15715 mT	2 x recreation room	1 x prayer room
Lightweight	4714 mT	1 x radio room	1 x helideck waiting room
Deck Area	2750 m2		
Deck Strength	12.5 T/m2		
Fuel oil tanks	1550 m3		
Fresh water tanks	1750 m3		
Ballast water tanks	15000 m3		
Helideck	High Frequency Type designed for Sikorsky 'S92' and in compliance to Classification and CAP 437		

## MACHINERIES

### Main Machinery

Main Generator	7 x Cummins 600kw (415V/3P/50Hz)
Emergency Generator	1 x Cummins 100kw @ 1500 RPM

Fresh water maker	wo (2) x "REVERSE OSMOSIS" 75 tons/24 hours each. (Total 150 Tons/day)
Sewage treatment	300 pax designed in accordance to USCG compliance

### Deck Machinery

Main crane	00 MT "SCM" Offshore Pedestal Crane (API-Spec 2C 5th Edition 2004)
Capacity	300 Metric Tonnes @ 12.6m radius 30 Metric Tonnes @ 62m radiu
Slewing	360 degree continuous
Hook elevation	Main Hoist: 63m (Boom Tip to Deck Level)

Mooring Wince/Type/no.	Single drum type, (8 units)
Wire Size/length	52mm x 1,500M
Anchor + Buoy	8 + 1 spare x 12 tons Anchors & foam filled buoys c/w pendant wire
Tension Meter + CCTV	Tension meter & closed circuit TV monitors are installed

## EQUIPMENT & ELECTRONICS

### Navigation and Communication Equipment

Radar	2 units x 48Nm range
VHF Radio	2 units with dual watch facility (GMDSS)
Echo Sounder	1 unit Norway (Skipper Technology)
Weather Data	1 x Navtex receiver
DGPS Satellite Navigator	1 unit Furuno / JRC
MF/HF Radio Telephone	1 unit (GMDSS)
Handheld Walkie Talkie	12 sets
VHF/AM Aero-Transmitter	1 unit
Control Station	Yes, Central Control Room with full view of entire working deck
P.A. Systems	Yes, Throughout The Barge
SART & EPIRB (GMDSS)	1 unit each (Taiyo/Saracom)
Mini M Satcom (GMDSS)	1 unit

### Fire Fighting & Life Saving Equipment

Lifejacket	600 pieces DOT appr (200%)
Liferafts	24 x 25 men total 600 men cap
Rescue boat	1 x FRC c/w launching davit
Fire Fighting Equipment	Automatic Fire Detection System CO2 flooding system in highly combustible spaces 1 x Fire Pump 227m3 /hr @ 89m head 2 x Foam Monitors
Water Sprinkler System	Automatic system