

GREEN

Offshore, Guard & Support

AQUARIUS-G

Seismic Research Support Vessel



Specification Sheet

Main Particulars

Builder:	Fujian, China
Year built:	2016
Flag:	Dutch
IMO Number:	9697131
MMSI:	244820666
Call Sign:	PDCT
Minimum Safe Manning:	
Classification:	
Notation:	LR X 100 A1 Offshore Supply Ship, ECO(TOC), LMC, UMS, DPA(AA)SPS, DPS-2

Dimensions

L.O.A.:	68.04m
Breadth:	14.95m
Depth:	6.1m
Draught:	5.0m
Nett Tonnage:	609t
Gross Tonnage:	1712t

Performance

Max Speed:	13 knots
Approx. Consumption at Max Speed:	15 mt/day
Eco Speed:	11 knots
Approx. Consumption at eco Speed:	11mt/day
DP mode	7 mt/day
Idle in port	1mt/day

Machinery

Main propulsion:	2 x CAT 3516B 1,920 kW with CPP
Auxiliary engines	1 x CAT C18 550 kW (737 BHP) 2 x CAT C32 715 kW (960 BHP)
Bow Thruster	1 x Tunnel thruster FPP 600 kW & 1 x FPP retractable 500 kW
Stern Thrusters	2 x Tunnel thruster CPP 400 kW
Shaft Generator:	2 x 1,000 kW
Emergency Generator	1 x CAT C6.6 158 kW

Deck Equipment

Crane:	SMST knuckle boom
Max Hoist Wire	370 m / 30 mm diam.
Max. outreach with AHC	AHC: 6 t @ 19 m AHC: 12 t @ 13 m Double hoist: 24 t @ 8 m
Deck store / Aux crane	3 t SWL @ 9 m
Capstans	2 x 5 t @ 15 m/min
Rescue Net:	1 x set scrambling nets
Life Rafts	6 x 25 men

Dynamic Positioning

DP Class:	Kongsberg DP2
Gyro Compass:	3x gyro compass
DGPS	1 x DPS 110 / 1 x DPS 112
Taut Wire	LTW Bandak MK 15
Hipap 500	Kongsberg
CyScan	1 x Kongsberg
Motion sensors (MRU)	2 x Kongsberg
Wind Sensor	3 x Kongsberg

Navigational Equipment

Radar no.1:	1x X-Band radar
Radar no.2:	1x S-Band radar
Echo Sounder:	1
Auto Pilot:	1
Magnetic compass:	1
Joystick control:	1
Electronic Charts:	1 x ECDIS

Communications Equipment

MF/HF Radio	1 x Furuno FS 2575C
VHF Radio	2 x Furuno FM-8900S
Portable two way VHF	3 x portable two way GMDSS VHF
Satellite EPIRB	1 x satellite EPIRB Ocean signal E100
Navtex receiver	1 x Furuno Navtex receiver NX700
SART	2 x SART Ocean Signal Sart 100
Satellite communication	Furuno Felcom 18
Automatic identification	1 x AIS FA-150

Bunker/Towing/Storage capacity

MGO:	510m ³
Potable Water:	380m ³
Water Ballast	1020m ³
Heeling Tanks	112m ³
Fuel Delivery	TODO connection 6000l/hr

Storage capacity

Clear Deck:	approx. 485m ³
Deck Cargo	350t
Deck Strength	7mt/m ²
Bulwark (removable)	2 x port & 1 x starboard side along work deck
Power Connections	1 x 63A (440V, 3 phase, 60 Hz)

Accommodation

Accommodation:	49
Crew Accommodation	22
Gym	1
Recreation Room	1
Offices	3
Compliance	MLC 2006

All particulars believed to be correct but not guaranteed