

C-Pacer - Node Handling Vessel



C-Pacer VESSEL SPECIFICATIONS	
Ship's name	C-Pacer
Owner	United Marine Holdings (C-Pacer)
Year built / at	2001 at North America Fabricators
Hull Number	210
Previous name	C-Pacer
Type	Offshore Supply Vessel
Official number	1109162
IMO no.	9252888
Call sign	WDA4845
Flag	United States
Port of registry	Galliano Louisiana
Classification society	American Bureau of Shipping (ABS)
Class assigned	ABS - Maltese Cross A1, AMS, DPS-2
Class Number	
Length overall /length between perpendiculars	260 feet or 79.24 meters
Length between perpendiculars	73.3044 m
Breadth (molded)	56 feet or 17.06 meters
Depth (molded)	21 feet or 6.40 meters
Draft (Max)	18 feet or 5.48 meters
Gross Tonnage (US regulatory)	

Gross Tonnage (International)	2295
Net Tonnage (International)	766
Helideck rating	Sikorsky S-76 Rated 10/56

Radio Comm. & Navigation Aids	
GMDSS - JRC JSS-800 / Single Side Band Package	Yes
MF-HF Radio	Furuno FS-2570-C
VHF DCS (2)	JRC JHS-32A GMDSS Compatible VHF Radios
Inmarsat C	JRC JUE-75C Inmarsat-C
Printer (1)	JRC NKG 800
Data Terminal	JRC NDZ-127C Data Terminal
Radar (2)	JRC JMA-7000
Autopilot	Kongsberg Simrad OT Auto Pilot / Positioning System
Echo Sounder	Furuno FCV 667 Color Depth Recorder
Navtex	JRC - NCR 300A
GPS	JRC J-Nav 500 GPS
PA System	Toshiba Central Communication Telephone System
Magnetic compass	Cassens & Plath Beta 4
Gyro Compass (2)	Simrad Robertson Gyro Compasses

Accommodation	
Total	49 Bunks is 17 state rooms
Crew accommodation	15
Seismic accommodation	34
Offices	1 office for Client's - 160 Sq Feet
Hospital Room	2 bed /1 bathroom / Equipped for sick bay.
Mess room	Seating for 12
TV Lounge (2)	Comfortable seating for 10

MACHINERY	
Main Engines	
NO.	2
TYPE	CAT 3606
BHP	5,400 HP
Starters	Air start both units
SAFETY DEVICES	Over speed shut down,pressure and low level shut down
Propellers	Ulstein A/S 600 AGSCS - 4 blade – Variable Pitch
Bow Thrusters	
NO.	1
TYPE	Ulstein TCNS 73/50 Swing Up
No.	
Type	1,650 HP Azimuthing Thruster
CONTROL & MONITORING	Full Alarms
Main Generators	
NO.	2
Voltage	480 Volts - 3 phase @ 60 Hz
KW	2 x 500 KW
SAFETY DEVICES	Full Alarm System
Emergency Generators	
NO.	1
Voltage	480 Volts - 3 phase @ 60 Hz

KW	1 x 170 KW
SAFETY DEVICES	Full Alarm System

Capacities	
Fuel Type	#2 Diesel
Fuel	267,256 US gallons
Potable Water	23,320 US gallons
Ballast water	379,179 US Gallons
Lube Oil	
Refrigerator / Freezer	
Sewage Tank Capacity	

Seismic Equipment	
Seismic Navigation Systems	
Integrated Navigation System	Concept Systems Gator version 8.9.1 running on Linux workstations
Concept Systems RTNu's used for event triggering and interfacing	
Primary Navigation Input	Furgo Starfix
Secondary Navigation Input	C-Nav
Third Navigation Input	CSI Vector DGPS
P294 logging of raw GPS data	(2) Trimble 4000 DL GPS
Primary Gyro Input	SG Brown TS Meridian Surveyor Gyro
Secondary Gyro Input	CSI Wireless Vector GPS Heading Sensor
Echosounder	
WaterSpeed	
Gun Positioning	SEAMAP RGPS Gun Pods
Gun Positioning	
Multi-Vessel Links	Freewave 900 MHz Spread Spectrum Ethernet Radios
Multi-Vessel Links	Satellite Link
Quality Control	Concept Systems Quality Control Node
Real-time Binning	Concept Systems Real-Time Binning Node
Processing	Fairfield WK Full Processing System
Seismic Recording System	
Recorder	Z Recorder
Receivers	1800 Z700 Nodes
Rope	Capable of holding over 120 kilometers of deployment rope

