


# NOAA Ship *Oregon II*

	<b>Hull Number</b>	<i>R332</i>
	<b>Call Sign</b>	<i>WTDO</i>
	<b>Home Port</b>	<i>Pascagoula, MS</i>
	<b>Marine Operations Center</b>	<i>Atlantic (MOC-A)</i>
	<b>Port Office</b>	<i>Gulf Marine Support Facility, Pascagoula, MS</i>
	<b>Regular Area of Operations</b>	<i>Atlantic, Caribbean, and Gulf of Mexico</i>
	<b>General Classification</b>	<i>Fishery Research Vessel</i>
	<b>Mailing Address</b>	<i>NOAA Ship <b>Oregon II</b> 151 Watts Ave Pascagoula, MS 39567</i>

<b>Contact Information</b>	
<b>IN PORT</b>	<b>AT SEA</b>
Cellular	VoIP
504-201-0197 (Ship)	301-713-7786
228-235-4302 (CO)	Iridium
228-235-9830 (XO)	808-684-5993
228-235-2060 (OOD)	
228-238-3880 (EOW)	
Land Line (Home Port)	
228-762-6422 (VC)	Inmarsat B
228-762-7880 (VC)	001-870-330-397-610
228-769-9529 (Fax)	
Ship's Email	
Noaa.Ship.Oregon@noaa.gov	

<b>Design</b>		<b>Speed &amp; Endurance</b>	
Designer:	Robert H. Macy	Emergency Speed (KTS):	12
Builder:	Ingalls Shipyard, Pascagoula, MS	Cruising Speed (KTS):	11
Launched:	February 1967	Range (NM):	7,800
Delivered:	August 1967	Endurance (days):	33
Commissioned:	March 12, 1975	Endurance Constraint:	Food
Length (LOA - ft.):	170		
Breadth (moulded - ft.):	34	<b>Compliment - Maximum</b>	
Draft, Maximum (ft.):	15	Commissioned Officers/Mates	5
Depth to Main Deck (ft.):	24.1	Engineers, Licensed	3
Hull Description:	Welded steel	Engineer, Unlicensed	2
Displacement:	729 tons	Deck	6
		Stewards	2
		Electronic Technicians	1
<b>Berthing</b>			
Single Staterooms:	3		
Double Staterooms:	14		
Other Staterooms:	0		
<b>Total Berths:</b>	<b>31</b>	<b>Total Crew</b>	<b>19</b>
		<b>Scientists</b>	<b>12</b>

<b>Medical Facilities:</b>	<b>Food Service Seating Capacity</b>	
Emergency and first-aid equipment aboard, full formulary, administered by designated vessel personnel. (MPICs)	Fwd Mess Room:	12

<b>Navigational Equipment (Ship's Use)</b>	<b>Type (Make/Model/Amount/Location)</b>
Radars (X and S Band)	Furuno FAR 28x7/FAR 21x7 BB
DGPS (3)	(2) – Furuno MX512 Navigation System
	(1) – Furuno GPS Navigator GP90
Gyro Compass	Sperry
Navigational Echo sounder, Doppler Radar Current Indicator, Fish Finder	EK60, SIMRAD EQ50, Furuno FE700
Electronic Charting System	Nobletec Admiralty

<b><u>Navigational Equipment (Access to onboard Scientists)</u></b>	<b>Type (Make/Model/Amount/Location)</b>
DGPS (1)	(2) – Furuno MX512 Navigation System
Gyro Compass	(1) – Furuno GPS Navigator GP90
Fish Finders	MK227 Sperry Marine Systems
Electronic Charting System, GPS Feed For Planning and Observation Only	EK60, SIMRAD EQ50
	Nobletec Admiralty

<b>Laboratory Spaces and other Scientific Spaces</b>			
<b>Type</b>	<b>Location</b>	<b>ft.<sup>2</sup></b>	<b>Description: (Available Services and/or Connections, counter space, etc.)</b>
Wet Lab	Aft, Main Deck	275	Conveyor system, trough, two steel counter tops
Bio Lab		100	
Electronics/Computer Lab		75	
Hydro Lab		210	
Scientific Freezer	Forward		

<b>Scientific Data Collection Systems and Supportable Operations</b>	
<b>Type</b>	<b>Brief Description (where equipment is involved, please state what type (i.e. ME70, EK60, ES60, Seabird, etc.)</b>
Conductivity, Temp., Depth (CTD) With Water Samples	SBE9 CTD(2), SBE43 Dissolved Oxygen (4), SBE03 Temperature (4), SBE38 Oceanographic Thermometer (1), SBE21 TSG (1), SB04 Conductivity Sensor (5), SBE05 Pump (4), CST Transmissmoter (2), WS3S Flurometer (3)
Conductivity, Temp., Depth (CTD) Without Water Samples	""
Dive Team Equipped	4 Personnel
Long Line Fishing Gear Equipped	(2) High Flyers, 200 lbs. Test Mono Filament, Angler Hooks
Mooring Deployment/Recovery Capable	Telescopic & Rotating Boom Crane, Rotating Crane
Plankton Gear Deployment	MOCNESS, BONGO, NEUSTON, SPANISH NEUSTON, PEROVET
Scientific Computer System Equipped	
Trawl Fishing Capable	Dual Outriggers, Seine & Trawl Winch

**DATA COLLECTED BY THE SHIP'S SCIENTIFIC COMPUTER SYSTEM (SCS) IN THE STANDARD CONFIGURATION**

Description	Units	Data Source
VWR - Relative wind speed and angle	KTS	Windbird (P) RM Young 5106
VWR - Relative wind speed and angle	KTS	Windbird (S) RM Young 5106
Air Temperature	Deg.C	RM Young 41372VC
Relative Humidity		RM Young 41372VC
Barometric Pressure Sensor	mb	RM Young 61201
Wet Bulb	Deg.C	RM Young 26800
Dew Point	Deg.C	RM Young 26800
GPS Data Location	dd	SIMRAD MX512
Course Over Ground	Deg.	SIMRAD MX512
Speed Over Ground	KTS	SIMRAD MX512
Manual Temperature	Deg.C	Zeal P2505
Manual Wet Bulb	Deg.C	Zeal P2505
Manual Aneroid Barometer	mb	ML448/UM
Barometric Barograph	mb	ASI Aquatec

**DECK EQUIPMENT:**

<b>Winch – Seine/ Trawl Winch</b>		<b>Winch – Hydrographic Winch</b>	
Quantity:	1	Quantity:	1
Manufacturer:	Marco	Manufacturer:	Marine Hydraulics
Model		Model	
Drive:	Hydraulic	Drive:	Hydraulic
Max. Pull (lbs.):	30,000	Max. Pull (lbs.):	3,000
Max. Depth (m)		Max. Depth (m)	
Drum Capacity:	1,200 ft.	Drum Capacity:	3,700m
Type of Cable Installed:	9/16" wire rope	Type of Cable Installed:	0.322" EM cable
Length of Cable on the drum (m)		Length of Cable on the drum (m)	
Location:	Boat Deck	Location:	Well deck

<b>Winch – Hydrographic Winch</b>		<b>Winch – Self Contained, MOCNESS</b>	
Quantity:	1	Quantity:	1
Manufacturer:	Markey	Manufacturer:	New England Trawler
Model		Model	
Drive:	Electric	Drive:	Hydraulic
Max. Pull (lbs.):		Max. Pull (lbs.):	3,000
Max. Depth (m)		Max. Depth (m)	
Drum Capacity:	4,000m	Drum Capacity:	2430m
Type of Cable Installed:	0.322" EM cable	Type of Cable Installed:	0.68" wire rope
Length of Cable on the drum (m)		Length of Cable on the drum (m)	
Location:	Well deck	Location:	Fantail

<b>Crane, Telescopic, Rotating Boom</b>		<b>Crane, Rotating</b>	
Quantity:	1	Quantity:	1
Manufacturer:	Aurora	Manufacturer:	Morgan
Model:	30TSC3000	Model:	
Boom Length (ft.):	30	Boom Length (ft.):	26-40
Lifting Cap. (lbs.):	3,000	Lifting Cap. (lbs.):	6,000 at 26ft
Location:	Foredeck, centerline	Location:	Aft Deck

<b>J Frame</b>		<b>Boat Davit Miranda</b>	
Quantity:	1	Quantity:	1
Type:	Movable	Manufacturer:	Shat Harding
Clearance over the side (ft.):	10	Model:	FRD630
Horizontal Clearance (ft.):		Hoisting Capacity	2998 lbs.
Safe Working Load (lbs.)	3,500	Location	Boat Deck
Location:	Mid port forward well deck	Boat type used	FRB

<b>Anchor - Bow</b>	
Quantity	2
Type	Stockless
Weight (lbs.)	2,275
Port Anchor Chain Length (fathoms)	105
Starboard Anchor Chain Length (fathoms)	105

<b>BOATS (Normally Equipped)</b>				
	Type	Horsepower	Length Over All (ft.)	Max. Persons
1	Rescue Boat (SOLAS Approved)	90 HP	18.2	6

<b>Additional Capabilities (not previously stated)</b>	
Type	Description
None Listed	