

## NOAA Ship *Gordon Gunter*



<b>Hull Number</b>	<i>R336</i>
<b>Call Sign</b>	<i>WTEO</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 Gordon Gunter Operations Center, Atlantic 439 West York Street Norfolk, VA 23510-1145</i>

### Contact Information

<b>IN PORT</b>	<b>AT SEA</b>
Cellular	VoIP
<a href="tel:228-596-6772">228-596-6772 (CO)</a>	<a href="tel:301-713-7784">301-713-7784</a>
<a href="tel:228-627-0114">228-627-0114 (XO)</a>	Iridium
<a href="tel:228-327-1542">228-327-1542 (CME)</a>	<a href="tel:808-659-5691">808-659-5691</a>
<a href="tel:228-327-7905">228-327-7905 (OOD)</a>	<a href="tel:8816-7631-5691">8816-7631-5691</a>
Land Line (Home Port)	Inmarsat Mini-M:
<a href="tel:228-769-7905">228-769-7905 (VC) North Berth</a>	
<a href="tel:228-796-8403">228-796-8403 (VC) North Berth</a>	Fax or E-Fax
<a href="tel:228-762-6422">228-762-6422 (VC) South Berth</a>	Inmarsat B
<a href="tel:228-769-7880">228-769-7880 (VC) South Berth</a>	<a href="tel:011-870-773-135-560">011-870-773-135-560 (Voice)</a>
Ship's Email	
<a href="mailto:Noaa.Ship.Gordon.Gunter@noaa.gov">Noaa.Ship.Gordon.Gunter@noaa.gov</a>	

<b>Design</b>		<b>Speed &amp; Endurance</b>	
Designer:	Halter Marine	Emergency Speed (KTS):	12
Builder:	Halter Marine, Inc., Moss Point, Mississippi	Cruising Speed (KTS):	10
Launched:	May 12, 1989	Range (NM):	8000
Delivered:	March 17, 1993	Endurance (days):	30
Commissioned:	August 28, 1998	Endurance Constraint:	Fresh Produce
Length (LOA - ft.):	224		
Breadth (moulded - ft.):	43	<b>Compliment - Maximum</b>	
Draft, Maximum (ft.):	15	Commissioned Officers/Mates	6
Depth to Main Deck (ft.):	n/a	Engineers, Licensed	3
Hull Description:	Welded steel/ice strengthened	Engineer, Unlicensed	2
Displacement:	2328 tons	Deck	6
		Stewards	2
		Electronic Technicians	1
<b>Berthing</b>			
Single Staterooms:	19		
Double Staterooms:	8		
Other Staterooms:			
<b>Total Berths:</b>	<b>35</b>	<b>Total Crew</b>	<b>20</b>
		<b>Scientists</b>	<b>15</b>

<b>Medical Facilities:</b>	<b>Food Service Seating Capacity</b>	
One medical treatment room containing one berth for patients. Emergency and first-aid equipment aboard, administered by designated vessel personnel. 2 MedPIC's aboard	Mess Room:	18

<b>Navigational Equipment (Ship's Use) – Bridge</b>	<b>Type (Make/Model/Amount/)</b>
Sperry Radars (X and S Band)	2 Simrad DGPS
1 Furuno GPS Navigator GP-150/Dual	Simrad EQ50 echo sounder
Sperry MK 227 Gyro Compass	Furuno Universal AIS FA-100
Acoustic navigation (SBL)	Sperry Doppler speed log
Furuno navigational echo sounder FE-700 - 2000	Nobletec Admiralty

<b>Navigational Equipment (Access to onboard Scientists)</b>	<b>Type (Make/Model/Amount/Location)</b>
Relayed Display of Nobletec	Dry Lab

<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>
Dry Lab	Port 01 Deck	360	Computers, CTD station
Wet Lab	Starboard 01 Deck	429	Conveyor belt, dumbwaiter, and 2 chest freezers
Wet Lab	Aft 01 Deck	135	Fume Hood, PCO2/Flourometer, TSG/Minus80 Freezer

<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>
Acoustic Current Doppler Profiler (ADCP)	RD Instruments Ocean Surveyor
Conductivity, Temp., Depth (CTD) With Water Samples	Seabird 9-11 CTD with bottle carousel for 12 bottles
Mooring Deployment/Recovery Capable	
Plankton Gear Deployment	19-36 Seacat CTD for Bongo and Neutson tows
Trawl Fishing Capable	
Trawl Sensor Equipped	Simrad ITI Trawl Monitor system with 2 spread and 1 depth/temperature sensors
Scientific Computer System Equipped	
Dive Team Equipped	
Scientific Diver Support	

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

Description	Units	Data Source
WPL - Wpt location	XXX	XXX
TDS - Trawl Door Spread Distance		
TPR - Trawl Position Relative Vessel		
VBW - Dual Ground/Water Speed		
ZFO - UTC & Time from origin WPT		
ZTG - UTC & Time to destination WPT		
AAM - WPT Arrival Alarm		
BOD - Bearing WPT to WPT		
BWC - Bearing & Distance to WPT (Great Circle)		
DPT - Depth of Water with transducer offset		
GBS - GPS Satellite Fault Detection		
GLL - Geographic Position (Lat/Lon)		
HDT - Heading (True)		
MTW - Mean Temp. for Water		
MWP - Mean Wind - Port Sensor (Direction)		
OSD - Own Ship Data (Ship course & speed)		
VTG - Track made good and ground speed		
VWR - Relative wind speed and angle		

**DECK EQUIPMENT:**

<b>Winch – Trawl (A-Frame)</b>		<b>Winch – CTD (J-Frame)</b>	
Quantity:	2	Quantity:	1
Manufacturer:	Marco	Manufacturer:	Markey
Model	WT292	Model	DESH-5
Drive:	Hydraulic	Drive:	Electronically Controlled DC motor and brake
Max. Pull (lbs.):		Max. Pull (lbs.):	
Max. Depth (m)		Max. Depth (m)	10,000
Drum Capacity:	2,200m of 5/8" or 1,800m of 3/4"	Drum Capacity:	10,000m of .322" EM cable
Type of Cable Installed:		Type of Cable Installed:	.322" EM cable
Length of Cable on the drum (m)		Length of Cable on the drum (m)	
Location:	01 Deck, Aft, Port and Starboard	Location:	01 Deck, Aft Centerline

<b>Winch – Bongo, Neuston</b>		<b>Crane, Telescopic Boom</b>	
Quantity:	1	Quantity:	1
Manufacturer:	Markey	Manufacturer:	HIAB
Model:	COM-7	Model:	HIAB 200
Drive:	Electronically Controlled DC motor and brake	Boom Length (ft.):	45
Max. Pull (lbs.):		Lifting Cap. (lbs.):	3,500 at 16.3
Max. Depth (m)	2,000	Location:	02 Deck, Port, Amidships
Drum Capacity:	2,000m of .322" conductor cable	<b>Crane, Telescopic Boom</b>	
Type of Cable Installed:	.322" conductor cable	Quantity:	1
Length of Cable on the drum (m)		Manufacturer:	Hydro Pro
Location:	01 Deck, Aft Port side	Model:	HP46/18KE
		Boom Length (ft.):	45
		Lifting Cap. (lbs.):	18,000
		Location:	1 Deck, centerline aft

<b>A Frame</b>		<b>J Frame</b>	
Quantity:	1	Quantity:	1
Manufacturer:	Movable	Manufacturer:	Movable
Model:		Model:	
Boom Length (ft.):		Boom Length (ft.):	
Lifting Cap. (lbs.):	10,000	Lifting Cap. (lbs.):	3,500
Location:	1 Deck Aft	Location:	01 Deck Aft Port

<b>Boat Davit (RHIB, Single Point)</b>		<b>Anchor - Bow</b>	
Quantity:	1	Quantity	2
Manufacturer:	Allied Systems Co.	Type	Stockless
Model:	Davit 5000	Weight (lbs.)	3500
Hoisting Capacity	5,300	Port Anchor Chain Length (fathoms)	120
Location	02 Deck Starboard Amidships	Starboard Anchor Chain Length (FTM)	105
Boat type used	RHIB		

<b>BOATS (Normally Equipped)</b>			
Type	Horsepower	Length Over All (ft.)	Max. Persons
1 Rigid Hull Inflatable Boat (RHIB)	90	18	4

<b>Additional Capabilities (not previously stated)</b>	
Type	Description
Fume Hood	