

U. S. DEPARTMENT OF COMMERCE  
National Oceanographic and Atmospheric Administration  
National Marine Fisheries Service  
Southeast Fisheries Science Center  
P. O. Drawer 1207  
Pascagoula, MS 39568-1207

GULF STATES MARINE  
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FISHERIES COMMISSION

Vessel Comparison Cruise

**NOAA Ship Gordon Gunter Cruise GU-01-06 (15)**

**Introduction**

The NOAA Ship Gordon Gunter was scheduled to conduct a vessel comparison cruise with the NOAA Ship Oregon II from 10/10/01 to 11/20/01. Sailing was delayed one day until 10/11/01 because of mechanical problems on the NOAA Ship Oregon II. A total of 41 days were spent at sea. A 40-ft shrimp trawl was used during the first two legs of the cruise. A 90-ft fish trawl was used during the third leg.

**Objectives**

- 1) Conduct paired towing with the NOAA ship Oregon II using 40-ft shrimp trawl.
- 2) Obtain length measurements of fish and invertebrates captured in trawl tows.
- 3) Collect ichthyoplankton samples in support of fall SEAMAP plankton survey.

**Methods**

The shrimp trawl gear consisted of a 40-foot net with 8-ft by 40-inch chain bracketed wooden doors. A standard free tickler chain cut 42 inches shorter than the footrope was used to stimulate benthic organisms into the path of the oncoming net. Towing speed varied between 1.8 and 3.4 knots, and averaged 2.6 knots. Sample sites were selected using a stratified random procedure with strata defined by shrimp statistical zone, depth and time of day, day or night, which was delimited by sunrise and sunset. During the third leg, a 90-ft, small pelagics fish trawl was fished with 4.5-m<sup>2</sup> W doors, and was towed from the stern using a net reel, and at a trawling speed of 2.9 knots to 3.5 knots, with an average speed of 3.10 knots. Minimum and maximum tow durations were 10 and 55 minutes respectively, and depended on the time required to transect the respective depth stratum.

Ichthyoplankton samples were collected with bongo and neuston nets. Southeast Area and Monitoring Assessment Program (SEAMAP) Ichthyoplankton stations were located in a grid pattern at approximately half-degree intervals of latitude and longitude within the defined survey area. Some of the SEAMAP plankton stations were sampled by the NOAA Ship Oregon II. Plankton sites were occasionally relocated to the nearest trawling site to optimize survey time. Bongo tows were made with two conical 61-cm nets of 0.333 mm mesh. Flowmeters were

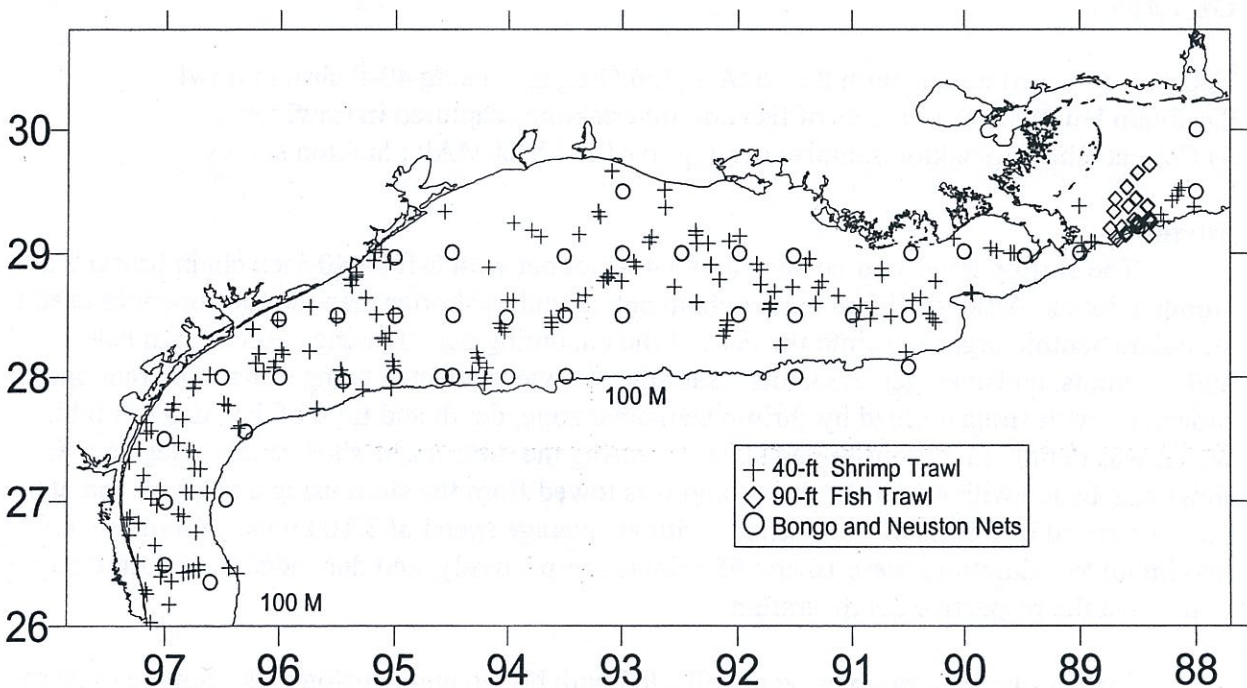


suspended in each side of the frame to measure the amount of water filtered. Nets were towed at 1.5 to 2.0 knots to maintain a 45° wire angle of towing warp, and were fished to within two meters of the bottom. Neuston sampling gear consisted of a net with 0.947 mm mesh mounted on a 1 m by 2 m frame. The net was towed for 10 minutes with the frame half submerged at the surface. Bongo and neuston samples were initially preserved in 10% buttered formalin and then transferred to 95% ethyl alcohol 48 hours later.

Temperature, salinity, and dissolved oxygen profiles were recorded using a Seabird SBE9/11 CTD at all ichthyoplankton stations.

## Results

A total of 228 paired tows with the Oregon II were completed; 192 paired tows with both vessels using the 40-ft shrimp trawl, and 36 paired tows with the Gordon Gunter using the 90-ft fish trawl (Figure 1, Tables 1 and 2). Forty-two SEAMAP plankton stations were sampled with bongo and neuston nets. CTD casts were completed at all 42 plankton sites, however, dissolved oxygen was not measured at the last two plankton stations (Stations 219 and 220) because a Seabird SBE19 CTD was used in place of the SBE911 as a result of a broken cable. An oxygen sensor was not attached to the SBE19.



**Figure 1.** Stations sampled with a shrimp trawl (+), fish trawl (◇) and plankton nets (○) during Gordon Gunter Cruise 01-06(16), October-November, 2001.



Plankton samples were returned to Pascagoula, MS for processing and subsequent shipment to the Polish Sorting Center and SEAMAP Invertebrate Plankton Archiving Center. Fish and invertebrate samples were frozen and returned to staff members of the NMFS Pascagoula Laboratory and Gulf Coast Research Laboratory for confirmation of identifications. Additional samples of red snapper were frozen and forwarded to Louisiana State University.

**Cruise participants:**

**Leg 1: 10/11/01 - 10/26/01 (16 sea days)**

<u>Name</u>	<u>Title</u>	<u>Organization</u>
Alonzo Hamilton	Field Party Chief	NMFS Pascagoula, MS
Perry Thompson	Fisheries Biologist	NMFS Pascagoula, MS
Charles Taylor	FMES	NMFS Pascagoula, MS
Walter Ingram	Fisheries Biologist	Johnson Controls, Pascagoula, MS
Kirsten Larsen	Fisheries Biologist	Johnson Controls, Pascagoula, MS
Kim Foster	Fisheries Biologist	Johnson Controls, Pascagoula, MS
Nicole French	Fisheries Biologist	Johnson Controls, Pascagoula, MS

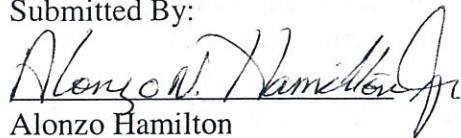
**Leg 2: 10/27/01 - 11/13/01 (18 sea days)**

<u>Name</u>	<u>Title</u>	<u>Organization</u>
Christopher Gledhill	Field Party Chief	NMFS Pascagoula, MS
Alonzo Hamilton	Fisheries Biologist	NMFS, Pascagoula, MS
David Hanisko	Fisheries Biologist	NMFS, Pascagoula, MS
Dick Waller	Fisheries Biologist	Johnson Controls, Pascagoula, MS
Kim Foster	Fisheries Biologist	Johnson Controls, Pascagoula, MS
Nicole French	Fisheries Biologist	Johnson Controls, Pascagoula, MS
Richard Darden	Fisheries Biologist	Johnson Controls, Pascagoula, MS

**Leg 3: 11/14/01 - 11/20/01 (7 sea days)**

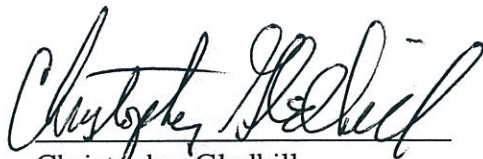
<u>Name</u>	<u>Title</u>	<u>Organization</u>
Christopher Gledhill	Field Party Chief	NMFS Pascagoula, MS
Dan Foster	Fisheries Biologist	NMFS Pascagoula, MS
Hariett Perry	Fisheries Biologist	Johnson Controls, Pascagoula
Don Jackson	Professor	Mississippi State University
Rohasliney Hashim	Student	Mississippi State University
Sarah Palmisano	Student	Mississippi State University
Matt Thomas	Student	Mississippi State University
Ben Davis	Student	Mississippi State University
Sam Shepard	Student	Mississippi State University
Randall Kidwell	Student	Mississippi State University
Jason Olive	Student	Mississippi State University
William Kupit	Student	Mississippi State University

Submitted By:



Alonzo Hamilton

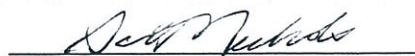
Field Party Chief (Leg 1)



Christopher Gledhill

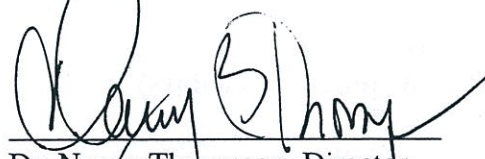
Field Party Chief (Legs 2 and 3)

Approved By:



Dr. Scott Nichols, Director

Mississippi Laboratory



Dr. Nancy Thompson, Director

Southeast Fisheries Science Center



Table 1. Stations sampled and gear deployed during Gordon Gunter Cruise 01-06(16). (ST=40-ft shrimp trawl, FT= 90-ft fish trawl, PN= plankton nets, Bongo and Neuston)

Station	SEAMAP station	Latitude (N)		Longitude (W)		Depth (fm)	Gear
1	B316	26°	21.19'	96°	36.04'	31.9	PN
2	TD23	26°	25.34'	96°	21.55'	56.7	ST
3	TD21	26°	28.09'	96°	26.11'	46.1	PN
4	TD17	26°	29.69'	96°	42.31'	24.0	ST
5	B238	26°	29.45'	97°	0.10'	19.1	PN
6	TN17	26°	27.11'	96°	42.09'	22.7	ST
7	TN17	26°	26.72'	96°	44.88'	22.1	ST
8	TN17	26°	26.29'	96°	47.49'	39.8	ST
9	TN17	26°	25.68'	96	50.30'	37.2	ST
10	TN11	26°	10.35'	96°	57.73'	26.1	ST
11	TN03	26°	1.85'	97°	7.42'	9.6	ST
12	TD03	26°	17.38'	97°	10.29'	5.2	ST
13	TN04	26°	15.52'	97°	9.34'	5.9	ST
14	TN02	26°	31.29'	97°	14.34'	4.6	ST
15	TN14	26°	29.10'	97°	1.57'	29.1	ST
16	TN13	26°	26.99'	97°	1.39'	28.5	ST
17	TD15	26°	21.59'	96°	56.42'	17.5	ST
18	TD11	26°	23.72'	97°	2.20'	13.2	ST
19	TD13	26°	38.97'	97°	5.35'	28.6	ST
20	TD04	26°	51.42'	97°	20.13'	6.0	ST
21	TD06	26°	52.54'	97°	18.48'	7.6	ST
22	TN01	26°	43.75'	97°	18.98'	4.0	ST
23	TN09	26°	49.48'	97°	14.03'	10.7	ST
24	TN21	26°	45.20'	96°	43.60'	40.0	ST
25	TN19	26°	54.15'	96°	53.08'	51.8	ST
26	TN19	26°	52.86'	96°	50.31'	31.7	ST
27	B236	26°	59.81'	96°	59.94'	20.4	PN
28	TD14	26°	58.30'	97°	4.48'	31.3	ST
29	TD12	27°	1.38'	97°	7.55'	27.0	ST
30	TD09	27°	5.76'	97°	12.43'	11.9	ST
31	TD10	27°	12.58'	97°	11.52'	11.7	ST
32	TN16	27°	5.46'	97°	2.82'	17.8	ST
33	TN23	27°	4.16'	96°	37.80'	87.4	ST
34	B237	27°	1.03'	96°	27.83'	86.3	PN
35	TN20	27°	15.75'	96°	41.51'	39.4	ST
36	TN20	27°	15.90'	96°	44.46'	35.9	ST
37	TD20	27°	4.47'	96°	48.99'	32.4	ST
38	TD20	27°	4.47'	96°	46.22'	35.6	ST
39	TD18	27°	23.69'	96°	45.07'	30.6	ST
40	TD18	27°	24.78'	96°	47.38'	27.4	ST
41	TD01	27°	19.11'	97°	19.10'	6.6	ST
42	TN05	27°	32.88'	97°	10.12'	6.8	ST
43	TN06	27°	34.13'	97°	7.50'	7.7	ST
44	TN12	27°	39.66'	96°	50.98'	16.9	ST
45	B235	27°	30.24'	97°	0.70'	15.3	PN
46	TN15	27°	28.38'	96°	53.25'	20.4	ST
47	TD05	27°	25.49'	97°	13.92'	9.0	ST
48	TD02	27°	38.12'	97	10.17'	6.3	ST
49	TD08	27°	44.26'	96°	56.63'	12.5	ST

Table 1. Continued.

Station	SEAMAP station	Latitude (N)		Longitude (W)		Depth (fm)	Gear
50	TD07	27°	47.14'	96°	55.63'	11.5	ST
51	TD31	28°	1.28'	96°	36.50'	12.4	ST
52	TD07	27°	57.70'	96°	44.39'	11.1	ST
53	TN08	27°	54.72'	96°	45.30'	12.1	ST
54	TN18	27°	47.17'	96°	29.14'	25.5	ST
55	TN18	27°	46.35'	96°	26.78'	28.0	ST
56	TN22	27°	35.31'	96°	21.62'	45.4	ST
57	B234	27°	33.69'	96°	17.73'	52.7	PN
58	TD22	27°	36.56'	96°	20.44'	44.9	ST
59	TD38	28°	4.67'	96°	3.11'	20.1	ST
60	TD34	28°	6.72'	96°	12.60'	15.9	ST
61	TD36	27°	58.73'	96°	23.30'	18.5	ST
62	B233	28°	0.03'	96°	30.23'	15.1	PN
63	TN28	28°	23.28'	96°	14.15'	9.9	ST
64	TN33	28°	11.42'	96°	10.96'	13.8	ST
65	TN37	28°	7.68'	96°	2.15'	18	ST
66	TN39	28°	2.73'	96°	8.53'	20.5	ST
67	TD35	28°	11.08'	95°	58.17'	16.6	ST
68	TD33	28°	13.06'	95°	59.06'	15.2	ST
69	B230	28°	28.12'	96°	0.55'	15.0	PN
70	TD27	28°	27.59'	96°	1.34'	9.3	ST
71	TD28	28°	34.00'	95°	44.01'	9.2	ST
72	B228	28°	29.92'	95°	30.14'	14.5	PN
73	TN34	28°	28.44'	95°	30.85'	15.2	ST
74	TN38	28°	12.53'	95°	44.47'	19.2	ST
75	B226	27°	58.19'	95°	27.11'	33.7	PN
76	TN43	27°	56.59'	95°	26.98'	35.1	ST
77	TD45	27°	44.87'	95°	40.60'	44.9	ST
78	B231	27°	59.91'	95°	59.91'	25.4	PN
79	TD41	28°	1.08'	95°	27.23'	30.3	ST
80	TD41	28°	3.50'	95°	28.27'	28.3	ST
81	TN40	28°	18.90'	95°	6.87'	22.0	ST
82	TN40	28°	17.02'	95°	5.14'	24.1	ST
83	TN42	28°	7.69'	95°	1.37'	30.0	ST
84	TN42	28°	5.30'	95°	0.69'	33.0	ST
85	TN46	27°	54.13'	95°	16.80'	50.9	ST
86	B223	28°	0.13'	95°	0.29'	44.8	PN
87	TD46	27°	54.74'	95°	2.11'	58.5	ST
88	B217	28°	0.22'	94°	35.73'	36.7	PN
89	TD39	28°	21.28'	95°	3.20'	20.1	ST
90	TN36	28°	30.41'	95°	9.78'	17.9	ST
91	TN32	28°	38.34'	95°	15.36'	13.9	ST
92	TN25	28°	47.39'	95°	23.74'	7.4	ST
93	COM1	28°	47.12'	95°	22.90'	8.3	ST
94	COM2	28°	44.37'	95°	22.66'	10.4	ST
95	COM3	28°	48.40'	95°	20.68'	8.2	ST
96	COM4	28°	49.39'	95°	20.34'	8.1	ST
97	TD25	28°	50.83'	95°	20.72'	6.4	ST
98	TD24	29°	0.31'	95°	10.47'	5.3	ST



Table 1. Continued.

Station	SEAMAP station	Latitude (N)		Longitude (W)		Depth (fm)	Gear
99	B221	28°	57.93'	95°	0.43'	10.3	PN
100	TD29	28°	55.65'	95°	2.84'	10.6	ST
101	B222	28°	29.83'	95°	0.11'	18.6	PN
102	TD37	28°	30.77'	95°	1.22'	18.4	ST
103	TN27	28°	56.53'	95°	11.26'	7.9	ST
104	TN24	29°	1.84'	95°	7.45'	6.4	ST
105	TD026	29°	20.10'	94°	34.06'	7.3	ST
106	B219	29°	0.34'	94°	30.22'	10.5	PN
107	B018	28°	30.06'	94°	29.59'	20.4	PN
108	TD30	28°	53.11'	94°	10.59'	11.7	ST
109	WD14	28°	37.00'	93°	57.54'	18.4	ST
110	B215	28°	28.83'	94°	1.21'	23.5	PN
111	WN14	28°	37.31'	94°	0.58'	18.2	ST
112	TN41	28°	25.95'	94°	4.91'	25.0	ST
113	TN41	28°	23.75'	94°	3.95'	26.6	ST
114	TN41	28°	21.83'	94°	2.03'	28.2	ST
115	B217	28°	0.49'	94°	29.84'	39.1	PN
116	TD42	28°	11.81'	94°	16.86'	30.1	ST
117	TD42	28°	9.26'	94°	16.23'	32.3	ST
118	TD42	28°	6.67'	94°	15.61'	33.5	ST
119	TD43	28°	4.47'	94°	11.45'	35.0	ST
120	TN45	27°	59.49'	94°	12.27'	47.0	ST
121	TN45	27°	56.78'	94°	12.63'	50.3	ST
122	TN44	28°	2.17'	94°	19.25'	40.4	ST
123	B216	28°	0.09'	94°	0.25'	45.7	PN
124	B209	28°	0.32'	93°	29.63'	46.3	PN
125	B210	28°	29.97'	93°	30.12'	23.6	PN
126	B208	28°	29.96'	93°	0.05'	25.4	PN
127	WN09	28°	53.57'	92°	52.74'	13.8	ST
128	WN09	28°	55.77'	92°	54.03'	12.7	ST
129	WD12	28°	46.47'	93°	0.33'	16.1	ST
130	WD11	28°	48.70'	93°	8.07'	15.1	ST
131	WD15	28°	39.71'	93°	19.39'	19.1	ST
132	WD16	28°	36.94'	93°	23.29'	20.2	ST
133	WD17	28°	32.03'	93°	31.25'	21.3	ST
134	WN18	28°	28.69'	93°	37.65'	24.9	ST
135	WN18	28°	26.37'	93°	37.44'	27.0	ST
136	WN18	28°	24.03'	93°	37.18'	28.5	ST
137	WN10	28°	46.66'	93°	9.93'	15.0	ST
138	WN10	28°	47.94'	93°	7.32'	15.4	ST
139	WN10	28°	50.10'	93°	5.75'	14.3	ST
140	B207	28°	59.93'	93°	0.00'	11.0	PN
141	WD05	29°	19.97'	93°	12.65'	9.1	ST
142	WD05	29°	17.72'	93°	11.63'	9.3	ST
143	WD07	29°	9.05'	93°	22.78'	11.3	ST
144	WN05	29°	11.06'	93°	47.73'	9.9	ST
145	WN03	29°	14.64'	93°	57.15'	7.7	ST
146	B211	28°	58.41'	93°	30.72'	9.8	PN
147	WD06	29°	7.99'	93°	43.09'	10.8	ST

Table 1. Continued.

Station	SEAMAP station	Latitude (N)		Longitude (W)		Depth (fm)	Gear
148	WD04	29°	22.01'	92°	37.54'	8.1	ST
149	WD01	29°	30.58'	92°	37.89'	6.0	ST
150	WN02	29°	30.56'	92°	37.85'	6.0	ST
151	B206	29°	29.89'	92°	59.92'	7.5	PN
152	WN01	29°	39.73'	93°	5.54'	5.1	ST
153	WN08	29°	7.74'	92°	44.75'	12.0	ST
154	WN08	29°	5.36'	92°	45.84'	12.7	ST
155	WD02	29°	10.80'	92°	21.76'	6.1	ST
156	B204	28°	59.94'	92°	29.06'	13.5	PN
157	WD10	28°	54.31'	92°	14.04'	15.0	ST
158	WD03	29°	5.89'	92°	4.58'	8.3	ST
159	WN04	29°	8.76'	92°	21.57'	8.3	ST
160	WN07	29°	4.70'	92°	21.22'	11.4	ST
161	WN06	29°	4.69'	92°	15.41'	10.2	ST
162	WN11	28°	54.30'	92°	13.95'	15.0	ST
163	WN13	28°	47.25'	92°	9.43'	17.9	ST
164	WN16	28°	36.20'	92°	21.14'	22.2	ST
165	WD13	28°	43.62'	92°	32.78'	18.7	ST
166	WD19	24°	24.65'	92°	13.81'	31.7	ST
167	B201	28°	30.28'	91°	59.73'	28.0	PN
168	WN19	28°	27.47'	92°	5.59'	30.4	ST
169	WN19	28°	25.09'	92°	5.74'	32.0	ST
170	WN19	28°	22.40'	92°	6.14'	32.7	ST
171	WN19	28°	19.90'	92°	7.47'	34.4	ST
172	B195	27°	59.96'	91°	29.95'	89.3	PN
173	WD43	28°	15.32'	91°	37.73'	39.9	ST
174	B196	28°	30.04'	91°	30.18'	23.3	PN
175	WN40	28°	32.75'	91°	43.73'	24.8	ST
176	WN40	28°	35.17'	91°	42.87'	22.6	ST
177	WN35	28°	41.30'	91°	40.86'	17.0	ST
178	WN31	28°	51.84'	91°	48.11'	12.8	ST
179	WD35	28°	44.78'	91°	48.27'	16.0	ST
180	WD40	28°	35.55'	91°	43.11'	22.1	ST
181	WD40	28°	33.18'	91°	43.41'	24.2	ST
182	WD32	28°	43.49'	91°	31.55'	14.2	ST
183	WD24	28°	57.28'	91°	22.74'	5.2	ST
184	WN26	28°	54.23'	91°	24.78'	7.2	ST
185	B197	28°	58.66'	91°	31.00'	7.0	PN
186	WN25	29°	8.23'	91°	59.06'	5.9	ST
187	B200	28°	59.88'	91°	59.26'	10.8	PN
188	WN30	28°	54.70'	91°	50.17'	12.0	ST
189	WD36	28°	35.65'	91°	19.39'	16.6	ST
190	WD38	28°	27.98'	90°	57.74'	20.1	ST
191	WD31	28°	34.75'	90°	55.69'	12.7	ST
192	WD29	28°	39.32'	91°	7.48'	10.0	ST
193	WN27	28°	46.36'	91°	16.27'	7.9	ST
194	WN09	28°	43.38'	91°	17.85'	10.2	ST
195	B194	28°	30.01'	90°	59.97'	18.6	PN
196	WN38	28°	28.19'	90°	50.38'	20.1	ST



Table 1. Continued.

Station	SEAMAP station	Latitude (N)		Longitude (W)		Depth (fm)	Gear
197	WN32	28°	33.36'	90°	49.50'	13.8	ST
198	WN39	28°	29.38'	90°	39.49'	19.8	ST
199	WD28	28°	49.31'	90°	44.26'	10.1	ST
200	WD26	28°	52.64'	90°	44.43'	7.0	ST
201	WD33	28°	38.36'	90°	23.65'	14.2	ST
202	WD34	28°	37.06'	90°	27.84'	14.8	ST
203	B191	28°	30.00'	90°	29.99'	21.2	PN
204	WN45	28°	12.22'	90°	31.44'	45.7	ST
205	B190	28°	4.88'	90°	30.14'	80.0	PN
206	WN41	28°	26.57'	90°	15.57'	29.9	ST
207	WN41	28°	28.42'	90°	17.21'	27.7	ST
208	WN41	28°	30.61'	90°	18.83'	25.7	ST
209	WN33	28°	46.41'	90°	15.69'	13.9	ST
210	WD45	28°	40.34'	89°	55.76'	50.1	ST
211	WD42	28°	41.13'	89°	56.58'	34.1	ST
212	WD39	29°	0.97'	89°	43.14'	21.9	ST
213	WD37	29°	2.58'	89°	46.16'	18.6	ST
214	B188	29°	0.82'	90°	0.15'	12.8	PN
215	B192	29°	0.12'	90°	28.88'	5.8	PN
216	WN37	28°	59.99'	89°	35.86'	18.2	ST
217	WD25	29°	7.06'	90°	5.60'	5.9	ST
218	WD30	29°	0.09'	89°	34.00'	11.3	ST
219	B187	28°	58.56'	89°	28.59'	11.8	PN
220	B183	29°	0.08'	88°	59.83'	39.4	PN
221	EN20	29°	22.81'	89°	0.22'	35.0	ST
222	EN21	29°	5.47'	88°	53.93'	39.9	ST
223	EN23	29°	5.18'	88°	52.14'	48.5	ST
224	ED22	29°	0.57'	88°	57.82'	47.0	ST
225	ED14	29°	4.80'	88°	58.95'	18.3	ST
226	B323	29°	12.92'	88°	29.87'	65.6	PN
227	ED23	29°	15.57'	88°	16.67'	49.4	ST
228	EN22	29°	22.43'	88°	0.80'	47.1	ST
229	B176	29°	29.92'	87°	59.88'	25.0	PN
230	B177	30°	0.08'	87°	59.58'	10.4	PN
231	ED17	29°	30.42'	88°	8.95'	24.4	ST
232	ED17	29°	31.78'	88°	7.51'	23.6	ST
233	ED18	29°	27.62'	88°	9.73'	27.6	ST
234	ED18	29°	25.62'	88°	12.32'	29.5	ST
235	ED20	29°	18.63'	88°	18.09'	37.1	ST
236	N65	29°	15.02'	88°	23.90'	60.2	FT
237	N64	29°	15.68'	88°	23.84'	53.2	FT
238	N63	29°	16.78'	88°	24.00'	39.1	FT
239	N62	29°	22.44'	88°	25.22'	32.0	FT
240	D61	29°	42.95'	88°	24.02'	20.8	FT
241	D62	29°	22.81'	88°	24.83'	31.9	FT
242	N61	29°	42.70'	88°	24.04'	21.2	FT
243	N51	29°	38.72'	88°	30.21'	21.4	FT
244	N52	29°	26.08'	88°	31.15'	30.2	FT
245	N53	29°	15.97'	88°	31.66'	38.5	FT

Table 1. Continued.

Station	SEAMAP station	Latitude (N)		Longitude (W)		Depth (fm)	Gear
246	D54	29°	14.84'	88°	29.68'	50.9	FT
247	D55	29°	13.34'	88°	29.83'	61.5	FT
248	D53	29°	15.91'	88°	32.05'	38.4	FT
249	D52	29°	26.50'	88°	30.77'	30.1	FT
250	N41	29°	31.72'	88°	35.72'	20.5	FT
251	N42	29°	22.52'	88°	34.97'	32.2	FT
252	N43	29°	12.39'	88°	38.39'	40.7	FT
253	N44	29°	9.85'	88°	35.96'	51.2	FT
254	N45	29°	8.67'	88°	36.22'	61.3	FT
255	N55	29°	12.94'	88°	30.69'	61.3	FT
256	D45	29°	8.65'	88°	36.35'	57.9	FT
257	D44	29°	9.98'	88°	35.91'	50.3	FT
258	D43	29°	12.41'	88°	38.38'	40.3	FT
259	D42	29°	22.66'	88°	34.87'	32.0	FT
260	D41	29°	31.97'	88°	35.59'	20.1	FT
261	D51	29°	38.97'	88°	30.01'	21.3	FT
262	N31	29°	26.16'	88°	41.69'	22.0	FT
263	N32	29°	20.11'	88°	42.44'	31.9	FT
264	N33	29°	11.90'	88°	44.28'	39.3	FT
265	N34	29°	7.41'	88°	41.76'	50.6	FT
266	D35	29°	6.42'	88°	40.51'	58.5	FT
267	D65	29°	14.93'	88°	23.10'	60.7	FT
268	D64	29°	15.58'	88°	23.83'	54.3	FT
269	D63	29°	16.77'	88°	24.16'	39.0	FT
270	D66	29°	8.54'	88°	24.28'	152.5	FT
271	N54	29°	14.76'	88°	30.47'	48.6	FT

Table 2. Summary of the number of stations where each gear type was deployed during NOAA Ship Gordon Gunter Cruise 01-06(16).

Gear	Number of stations
40-ft Shrimp Trawl	192
90-ft Fish Trawl	36
Bongo and Neuston Nets	42
CTD (Temperature, Salinity, DO)	42