SEAMAP Summer 2008 Shrimp & Groundfish Survey Cruise Report
Cruise 0802

Introduction

SEAMAP Summer Shrimp and Groundfish cruises are conducted to provide fishery-independent monitoring assessment and shrimp abundance and location information essential to management of Mississippi and nearshore FMZ Gulf of Mexico fisheries resources in a coordinated and cost-efficient program. Fishery-independent information is that collected without direct reliance on statistics reported by commercial or recreational fishermen.

Objectives

1. Conduct a summer trawl survey to collect information on shrimp and groundfish abundance and distribution with standard SEAMAP 40-ft. trawls.
2. Select stations from NMFS generated charts of SEAMAP station location east of the Mississippi River for random sampling. All species are identified, weighed and counted, and measured according to NMFS SEAMAP Operations Manual.
3. Collect information on environmental parameters (salinity, temperature, dissolved oxygen, wind speed and direction, wave height, precipitation) in conjunction with trawl sampling.
4. Submit data to the Gulf States Marine Fisheries commission/NMFS Data Manager.

Methods

All trawl samples were collected aboard the R/V TOMMY MUNRO. 31 trawls samples were collected from 5/31 – 7/2/08. A 40 ft. trawl with 1.58 inch stretched mesh was lowered into position at the selected site and towline was set at a 5:1 cable length water depth ratio. Trawl towing was conducted at or near 3 knots for a minimum of 10 to 30 minutes after lockdown and towed across the appropriate strata. Sample workup and data procession was conducted in accordance with the NMFS SEAMAP Operations Manual guidelines. Data was entered and checked with the NMFS SEAMAP Data Entry Database.

Environmental data were collected in conjunction with each trawl. Temperature, dissolved oxygen, and salinity values were measured.

Results

Mississippi collected 32 trawl samples and two plankton sample during the 2008 Shrimp/Groundfish cruise.

Deviations

No Significant deviation from protocol.

Submitted By:

Richard Waller
SEAMAP Field Party Chief

2 Plankton Stations

Date	Pasc. #	SEAMAP #	Lat.	Long.
06/02/08	17018	B178	2959.97	8830.00
06/01/08	17013	B179	2929.97	8830.18

Dates are CDT.

Leg 1 05/31–06/02/2008
Leg 2 06/29-07/03/2008

32 Trawl Stations

Date	Pasc. #	SEAMAP #	Lat.	Long.
5-31-08	17001	ED18	2909.23	8853.51
5-31-08	17002	ED19	2919.16	8855.03
5-31-08	17003	ED14	2918.44	8854.50
5-31-08	17004	ED08	2922.38	8852.58
5-31-08	17005	ED13	2931.10	8837.53
6-01-08	17006	EN15	2928.46	8839.40
6-01-08	17007	EN02	2942.49	8848.52
6-01-08	17008	EN03	2949.22	8845.62
6-01-08	17009	EN06	2954.13	8840.79
6-01-08	17010	ED16	2945.15	8823.54
6-01-08	17011	ED10	2949.80	8833.27
6-01-08	17012	ED15	2934.55	8834.15
6-02-08	17014	EN16	2941.97	8825.88
6-02-08	17015	EN13	2953.65	8808.75
6-02-08	17016	EN12	2958.23	8808.85
6-02-08	17017	EN11	2959.32	8812.04
6-02-08	17019	ED09	2941.79	8837.03
6-02-08	17020	ED04	2945.46	8844.04
6-02-08	17021	ED27	3002.06	8848.49
6-03-08	17022	EN07	3002.44	8828.69
6-03-08	17023	EN04	3005.02	8843.46
6-30-08	17024	WN54	2911.47	8934.22
6-30-08	17025	WN53	2916.69	8942.12
6-30-08	17026	WD53	2903.94	9017.88
6-30-08	17027	WD54	2901.10	9037.86
6-30-08	17028	WD52	2901.20	9051.95
7-01-08	17029	WN52	2909.60	9118.07
7-01-08	17030	WD49	2920.68	9202.08
7-01-08	17031	WD50	2927.78	9225.76
7-01-08	17032	WD48	2942.45	9300.14
7-02-08	17033	WN49	2943.62	9335.85

Dates are GMT