

# State of Louisiana

JUL 10 1995



Joe L. Herring  
Secretary

Department of Wildlife and Fisheries  
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Edwin W. Edwards  
Governor

July 3, 1995

Dave Donaldson, SEAMAP Coordinator  
Gulf States Marine Fisheries Commission  
P.O. Box 726  
Ocean Springs, MS 39564

Dear Dave:

Enclosed please find the cruise log and report for Louisiana SEAMAP cruise 952 (June 26-30, 1995). Samples were taken aboard the chartered LUMCON vessel R/V Pelican. The scientific party for the trip consisted of Ralph Allemand (chief scientist); Jill Wisniewski, Melanie Bebler, and Marc Fugler (scientific watch leaders); Marion Boulden, Pam Mercante, Ann Gray, Chris Barcza, Janie Beard, Kenyon Mobley, Nicole Adams, Brian Delaune, and Martin Plonski (scientific crew). The vessel crew consisted of a captain, mate, boatswain, engineer, 2 deckhands, and cook.

Normal cruise plans call for collection of CSTD/water and shrimp/bottomfish samples (nekton) from 24 stations at 12 locations. Two nekton samples (one during daylight and the other during the night) are to be taken at each location within a 24 hour period. A 'D' in the SEAMAP station number indicates a daylight station and an 'N' indicates a nighttime station. Organisms at nekton stations are sampled with a 40 foot SEAMAP trawl. Zooplankton is not sampled at nekton stations. Normal cruise plans call for zooplankton sampling to be done at 7 stations (indicated by 'P') during daylight hours with a 60 cm bongo net and a 2x1 m neuston net.

Cruise 952 was originally scheduled for July 3-7, 1995 but due to a scheduling conflict was pushed up a week and was done June 26-30, 1995. Nekton and zooplankton stations were located off the central Louisiana coast between longitudes 89°30' West and 91°30' West and between depths of 5 and 20 fathoms. Only eighteen nekton stations (9 locations) were completed on this cruise. The hydraulic brakes for the trawl winch ruptured and we were not able to complete the last three night stations. All seven zooplankton stations were sampled for cruise 952.

Bongo and neuston samples were obtained at all seven of the zooplankton stations. CSTD/water samples were taken at all stations sampled. Eight sediment samples were taken with a sediment grab at nekton station locations (all during daylight).

