

SEAMAP Coordinator Selection Panel
CONFERENCE CALL
10:00 am, January 10, 1984

The SEAMAP Coordinator Selection Panel held a conference call on January 10, 1984 at 10:00 am to review applicants for SEAMAP Coordinator. The following individuals are on the Selection Panel: Mr. Walter Tatum, Dr. Ted Ford, Mr. Alan Huff, Dr. Walter Nelson and Mr. Perry Thompson.

The Panel agreed to select a Coordinator on his or her qualifications instead of availability of money provided by his or her agency.

After much discussion the Panel agreed to submit Mrs. Nikki Bane's name before the Subcommittee on January 18 as their choice as SEAMAP Coordinator. The Panel's second choice would be Mr. Ron Lukens.

The Panel requested Mr. Tatum to call Mrs. Bane to identify minimum requirements of cost, then Mrs. Bane and Mr. Thompson would sit down together to develop a budget.

SEAMAP SUBCOMMITTEE MEETING
MINUTES
Wednesday, January 18, 1984
New Orleans, LA

Mr. Walter Tatum, Chairman of the SEAMAP Subcommittee, called the meeting to order at 1:00 p.m. January 18, 1984, with all members represented. The agenda was accepted with minor changes (Attachment A).

Minutes of the October 18, 1983 meeting were adopted with one change on Page 9. The third paragraph should read: Mr. Tatum appointed Mr. Perry Thompson, Dr. Walter Nelson, Dr. Ted Ford, Mr. Alan Huff and himself to serve on a Search Committee to recommend a new Coordinator to the Subcommittee at the next SEAMAP meeting.

Mr. Tatum was re-elected by acclamation as SEAMAP Chairman for 1984. Mr. Gary Matlock was elected Vice-Chairman for 1984 by acclamation.

Mr. Tatum presented a letter from Mr. Matlock appointing Mr. C. E. Bryan as his proxy and another from Mr. Richard Waller appointing Dr. Tom McIlwain as his proxy.

Mr. Jim Ditty presented a report on the 1982 SEAMAP sciaenid ichthyoplankton samples previously requested from the SEAMAP Subcommittee by the Louisiana Department of Wildlife and Fisheries. Mr. Ditty identified all 30 sciaenids to the species level, and reported an 85% accuracy by the Polish Sorting Center in sorting samples to the family level. Mr. Ditty will submit a written report to the Subcommittee and Ichthyoplankton Work Group at a later date (Attachment B).

Dr. McIlwain, Work Group Leader, reported that the Red Drum Work Group was charged with assessing current techniques available to identify red drum stocks throughout their life cycles in the Gulf of Mexico. The Work Group recommends the following actions:

- (1) The cooperation of the Ichthyoplankton Work Group in planning the fall ichthyoplankton cruise for the months from August to October to coincide with the major spawning period of red drum.
- (2) The consideration of electrophoresis as the best method to determine the distribution of red drum stocks in the Gulf. The

Work Group would like to meet during the March GSMFC meeting, inviting four experts on electrophoresis to speak on the subject:

- o Dr. Frank Fisher, Rice University
- o Dr. Paul Ramsey, Louisiana Tech
- o Dr. Bernie May, Cornell University
- o Dr. Fred Utter, NMFS, Seattle

If electrophoresis appears desirable, a study will be designed for bay systems in the east central and western Gulf to determine abundance and size of inshore red drum stocks prior to examining offshore adults. Such a study would focus on morphological changes indicated by the electrophoretic patterns. If this pilot study proves useful, the Work Group would like to conduct a Gulf-wide electrophoresis survey of eighteen bays. A cost estimate of the overall Gulf-wide survey, based on Florida's experience is \$26,000 to \$30,000.

(3) The assistance of the Environmental Work Group in obtaining information on ocean currents in the Northern Gulf. This information is needed to understand the movement of red drum larvae into the bays, and may be available from the Minerals Management Service.

Mr. Huff stated that Florida is in its second year of using satellite data to develop an ocean current model for the Eastern Gulf, information which may be used as a data source for the Red Drum Work Group.

The Subcommittee passed a unanimous motion for the Red Drum Work Group to extend an invitation to the aforementioned electrophoresis experts to attend the March SEAMAP meeting.

A motion was made to coordinate a NMFS/states nearshore fall ichthyoplankton survey, taking into consideration the time frame (August to October) and pending vessel schedules. The motion passed with Texas' opposition on the basis of too much SEAMAP activity in too short a time period.

Mr. Thompson reported on the status of the SEAMAP Operational Plan. One hundred copies of the Plan are currently being printed and will be

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distributed by the first of February. He recommended that a brief SEAMAP Operational Plan Executive Summary, with colorful pictures and graphs, be developed by March to be presented to the federal politicians in Washington, D. C.

The Subcommittee passed a unanimous motion assigning the development of an Executive Summary to the new Coordinator and requiring a rough draft of the document prior to the March GSMFC meeting.

Mr. Tatum reported on the Selection Committee's search for a new SEAMAP Coordinator. Resumes were received from three candidates: Mr. Ron Lukens, Mississippi Sea Grant Extension Service; Mrs. Nikki Bane, LSU Sea Grant; and Mr. Thomas VanDevender, Mississippi Bureau of Marine Resources. After reviewing the candidates' qualifications, the Selection Committee recommended Mrs. Nikki Bane as the new SEAMAP Coordinator.

Mr. Thompson stated that Mrs. Bane has agreed to work three to four days a week in the Commission office for the next eight months, with the remaining one or two days to be spent working on SEAMAP at LSU. LSU Sea Grant has tentatively agreed to pay half of her salary plus benefits. Her salary requirements from SEAMAP for the next eight months are approximately \$9,046. She would also need \$1,903 for travel and a place to stay while working at the Commission office. Mr. Thompson reported that arrangements can be made for Mrs. Bane to stay at the Gulf Coast Research Laboratory dormitory at a cost of \$5.00 per night. The total cost to SEAMAP for Mrs. Bane's eight-month tenure as SEAMAP Coordinator would be approximately \$11,449.

The Subcommittee adopted the recommendation of the Selection Committee and passed a motion, without objection, to accept Mrs. Bane as the new SEAMAP Coordinator until September 30, 1984 pending funding support.

Mr. Bryan presented a report from the Shrimp and Bottomfish Work Group, which met in Houston, TX on January 7, 1984. The Work Group

recommends that the real-time data continue to be sent to fishery managers but letters announcing to the fishing industry the existence of these data not be distributed; the data should be distributed upon request only. He stated that the fishing industry in Texas is concerned that the real-time data may be concentrating large numbers of vessels in a small area off Texas.

Because of the SEAMAP real-time data's popularity among the fishing industry throughout the Gulf, the Subcommittee felt that a letter should be sent out notifying the fishing industry of these data. The Subcommittee passed a motion, over the objection of Texas, that a letter be sent to individuals who received 1983 SEAMAP real-time data, asking them to respond to the GSMFC if they are interested in receiving the 1984 real-time data.

Mr. Bryan stated the Work Group's recommendation to record finfish weights during the Shrimp/Groundfish Survey. Mr. Neil Baxter and Mr. Elmer Gutherz have been requested by the Work Group to write a syllabus for catch processing aboard ship. The syllabus will be reviewed by the Work Group prior to presentation to the Subcommittee in March.

The Work Group also asked Mr. Gutherz to provide information on the electric shrimp trawl; use of this gear would enable research vessels to sample for brown shrimp during daylight hours.

The Work Group reviewed a request to change sampling off Texas from north-south to south-north as shrimp in the south move offshore sooner than shrimp in the north. In the past, shrimp in the south have already moved into Mexican waters by the time the research vessels start sampling. The Work Group recommends a change with half the stations sampled from north to south, the other half from south to north.

The Subcommittee passed a motion, over an objection from Texas, to continue established sampling off Texas in 1984, in order to compare these data with those of 1982 and 1983. If a second vessel is available in 1985, sampling should be performed from south to north with one vessel and from north to south with the other.

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Mr. Bryan concluded his report by saying that if Mexico is to participate in SEAMAP in 1984, he recommends that Mr. Refugio Melendez Castro be invited to attend the next SEAMAP meeting, provided funding can be arranged. The Subcommittee passed such a motion without objection.

Dr. Warren Stuntz presented the Environmental Work Group report. He stated the Work Group feels that calibration and standardization are the biggest problems among participating agencies, and recommends the following actions:

- (1) Secchi disk readings should be taken at all daylight stations.
- (2) Several 24-hour stations should be made in order to conduct intense environmental sampling.
- (3) The oceanic ichthyoplankton survey should transect the Gulf instead of criss-crossing back and forth.
- (4) The Shrimp and Bottomfish Work Group should increase the number of daytime environmental stations to facilitate comparisons with satellite data. Additionally, during days when the vessel is not otherwise occupied, onshore-offshore transects should be conducted, starting at 5 fathoms and sampling each hour.
- (5) Chlorophyll analysis should be continued, possibly in Pascagoula.

Mr. Tatum stated that Dr. Stuntz should meet with the other Work Groups to discuss their recommendations.

Mr. Tom Potthoff, filling in for Dr. Bill Richards, presented the Ichthyoplankton Work Group report. He stated that the Work Group reviewed the Gulf Council's letter requesting intensified winter sampling by SEAMAP for king mackerel larvae off Louisiana. The Council's request was perceived as vague because this species spawns from May to September. To comply with the Council's request, the Work Group recommends four seasonal surveys across the Gulf for ichthyoplankton to determine the best time to sample for king mackerel and other species. If seasonal surveys are not possible, then the Spring and Fall surveys should be continued.

The Work Group recommends the continuation of the April-May Ichthyoplankton Survey from 50 fathoms to the U.S. FCZ. The Oregon II would be the only available vessel using bongo and neuston nets. Four 24-hour stations are recommended, with samples taken at 0-50, 50-100, 100-200 and greater than 200 fathoms. Environmental data would also be collected. The June-July inshore survey, piggy-backed to the Shrimp/Groundfish Survey, would be continued from 50 fathoms to the beach, with states participating using bongo and neuston nets. The Work Group is uncertain about a fall survey, but recommends such a survey in cooperation with the states. Equipment to conduct these surveys is a problem. If the surveys are to be continued in 1984, NMFS will need to buy additional equipment (Attachment C).

The Work Group is uncertain about Mexico's intentions in 1984. The 1982 plankton samples from Mexico were shipped to Poland and have been returned to Mexico. The Mexican samples will not go to Florida for SEAMAP archiving.

Mr. Potthoff noted that the Florida Department of Natural Resources Ichthyoplankton Curator has developed a loan agreement form for Subcommittee review (Attachment D). To allow a faster turn-around for specimen request and less paper work between Curator and Subcommittee, the Curator requests authority to approve specimen loan requests, except in cases of obvious conflicts.

The Subcommittee discussed the loan agreement form and the request for Curator approval of specimen loan. A motion was passed, without objection, approving the following procedure: upon request for a specimen, the Curator will send a copy of the request to the SEAMAP Coordinator and a loan agreement form to the requestor. The Coordinator will forward the request to the Subcommittee and Ichthyoplankton Work Group for review. After ten days, the Curator will contact the Coordinator for notification of any Subcommittee objections to the loan request, and if there are none, the samples will be mailed after the loan agreement form has been received by the Curator.

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Mr. Potthoff distributed a status report of the 1983 SEAMAP ichthyoplankton data (Attachment E). Mr. Potthoff also noted funding is needed for curating equipment, access to a computer, and label printing. Mr. Ken Savastano stated that he would talk to the Curator to see if labels could be printed in Pascagoula.

Mr. Barney Barrett asked Mr. Potthoff to discuss the feasibility and cost of separating penaeid shrimp from the plankton samples in Poland. Mr. Potthoff replied that he will check into this request during his upcoming June trip to Poland.

A motion was made by Mr. Barrett and passed, without objection, to appoint Mr. Ditty of Louisiana to the Ichthyoplankton Work Group.

The meeting adjourned for the day.

SEAMAP SUBCOMMITTEE MEETING
MINUTES
Thursday, January 19, 1984

The meeting was called to order at 8:00 a.m., January 19, 1984.

Mr. Huff reported on Florida DNR curation of the 1982 SEAMAP ichthyoplankton samples. He stated that DNR has storage cabinets adequate for the 1982 samples and half of the 1983 samples, once they are received from Miami, but needs such equipment as a microscope and a computer to keep track of samples and to print labels. A borrowed computer terminal is presently being used. The Curator will clean up the specimen loan agreement form and reduce it to two pages.

Mr. Savastano reported on the status of the 1982 and 1983 SEAMAP data (Attachment F). He recommended that the states transcribe data from their forms to NMFS forms. NMFS is presently transcribing these data, which results in a number of errors, as NMFS is not familiar with the states' data forms.

The following data requests have been received:

- (1) Data on shrimp and crab (G. Matlock)
- (2) Data on hypoxia (C. Parker, SUNY Stony Brook)
- (3) Data to be sent to Mexico (A. Kemmerer)
- (4) Data to help develop cruise tracts (T. Leming, NMFS)
- (5) Data for SEAMAP Atlas (W. Stuntz).

All data requests have been forwarded to the Coordinator for Subcommittee approval. No data request form has yet been developed.

Dr. Stuntz reported on the status of the SEAMAP Atlas, noting that the Atlas should be to the printer by the end of January and to the Subcommittee by March.

Mr. Thompson reported on the status of the 1983 SEAMAP Marine Directory. He stated that a letter was sent in November to those who participated in the 1983 Marine Directory, requesting them to update their input for the 1984 Marine Directory. Approximately 10 agencies have not yet responded and he will attempt to contact those agencies by telephone. The Directory should be completed by the second week of February.

SEAMAP SUBCOMMITTEE MEETING
MINUTES
Thursday, January 19, 1984

The Subcommittee discussed activities for SEAMAP in 1985, concluding that it is too early to contemplate funding for FY 85. Concern was expressed over the uncertainty of increased funding in FY 85, noting that without funds in the FY 85 budget, SEAMAP will cease to exist. Each Subcommittee member stated his desire for continuation of SEAMAP because it is a good state/federal program. However, if FY 85 funds are unavailable, all would support the effort in any way possible, maintaining the program at least at its present level.

The Subcommittee agreed to meet on March 12 in conjunction with the GSMFC meeting in Biloxi, Mississippi.

The meeting was adjourned by Mr. Tatum.

Respectfully submitted,

Walter M. Tatum
Chairman
SEAMAP Subcommittee

SEAMAP SUBCOMMITTEE
January 18-19, 1984

LIST OF ATTENDEES

Perry Thompson	GSMFC, Ocean Springs, MS
*Walter M. Tatum	ADCNR, Gulf Shores, AL
*J. Alan Huff	FDNR, St. Petersburg, FL
*C. E. Bryan	TPWD, Austin, TX
*Walter R. Nelson	NMFS, Pascagoula, MS
Thomas Potthoff	NMFS, Miami, FL
Rick Shaw	LSU, Baton Rouge, LA
Jim Ditty	LDWF, Baton Rouge, LA
Tom McIlwain	GCRL, Ocean Springs, MS
Warren Stuntz	NMFS, Pascagoula, MS
Kenneth Savastano	NMFS, NSTL, MS
*Richard Waller	GCRL, Ocean Springs, MS
*Barney Barrett	LDWF, Baton Rouge, LA
Karen Foote	LDWF, Baton Rouge, LA

*Subcommittee Members

ANADROMOUS FISH SUBCOMMITTEE

MINUTES

Monday, March 12, 1984

Biloxi, Mississippi

The first meeting of the TCC Anadromous Fish Subcommittee was called to order at 9:05 am by Dr. Ted Ford, Chairman of the TCC. Dr. Ford informed the members that meetings were held on a mostly informal basis. He then explained the structure of the TCC, the parent of many subcommittees, and stated that World Mariculture Society was once a TCC subcommittee. The TCC's interest in the Subcommittee is to see if they could develop some interstate anadromous fish programs and a strong motivation is possible 90-10 funding. The TCC recommends that the Subcommittee elect a Chairman and Vice-Chairman. The TCC would expect reports from the Subcommittee at the spring and fall meetings of the Commission. From their reports the TCC would recommend possible actions to be considered by the Commission followed by the Commission instructing the Executive Director to take appropriate action. This would be backed by support from each state agency.

After introduction of the members Dr. Ford opened the floor for nominations for Chairman. V. Minton nominated Larry Nicholson, seconded by E. Crateau. A. Williams moved the nominations be closed and Larry be elected by acclamation. The motion carried. Dr. Ford expressed the TCC's recommendation that the Vice-Chairman be from another state, opened the floor for nominations, and stated the possible option of the Chairman to appoint a Vice-Chairman.

Dr. Ford informed the Subcommittee that the TCC would expect a report on Wednesday morning on their ultimate goal(s) and the series of objectives to reach the goal(s). He stated the next Commission meeting will be held the third week of October in New Orleans and asked leave of the Subcommittee to attend another TCC Subcommittee meeting in progress.

L. Simpson explained for G. Delaney's benefit that the Gulf has no organized interstate group to address anadromous species and the Anadromous Fish Subcommittee had just been organized under GSMFC. He told of one coordinated program between Mississippi and Alabama and the possibility of expanding it. G. Delaney said anadromous species were getting a lot of attention in Washington now.

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L. Nicholson asked for discussion on developing a management plan. R. Rinaldo had guidelines for FCMA plan. L. Simpson stated they would be guided by FCMA standards but not follow the exact criteria. A one-minute synopsis from each state on their striped bass programs was presented.

A. Huff said Florida Department of Natural Resources handles permitting for mariculture and the Game and Fresh Water Fish Commission has a hatchery. There is a striped bass population in the St. John's River that is a sports issue. A striped bass habitat project has been proposed and will likely receive funding. E. Croteau said U.S. Fish and Wildlife Service is working with Gulf-race striped bass in Florida with a goal to restore to historical range in the Apalachicola River. They would like to make the fish available for state fish management programs.

V. Minton said Alabama has 2 agencies working with striped bass, Game and Fish Commission and Alabama Dept. of Conservation and Natural Resources' Marine Resource Division (MRD). During the last year the MRD has been working cooperatively with L. Nicholson's Mississippi program. They have established fisheries in most of the tidal rivers in Alabama. All have been Santee Cooper or South Carolina fish. They have been happy with the way fish handle tagging in water temperatures of 12-14°C and salinity 10-12 ppt.

A. Williams said Louisiana Dept. of Wildlife and Fisheries has been stocking coastal streams since 1965 using Santee Cooper, Virginia and Maryland strains. They are currently stocking four river systems. He feels they are getting natural reproduction in Atchafalaya River and they are taking striped bass all along the coast. They have a tag return from Galveston Bay in Texas of 21 lbs.

L. Nicholson said Mississippi has been stocking coastal streams with South Carolina fish and looking for natural reproduction without success to date. The fish they have stocked with V. Minton are doing well and he believes they are utilizing the Sound more than known. He

hopes tagging will show this. They have also stocked Virginia strain. Mississippi is hopefully getting some estuarine adaptable fish.

G. Saul said Texas' work with striped bass has primarily been done in inland waters and a lot in cooperation with Louisiana. They have recently stocked fry in bay systems. They have not gotten positive results from the early stage releases. Approximately 500,000 fingerlings were stocked from 1975 to 1977 without measurable success. Their creel work demonstrates that recreational fishermen do catch striped bass.

There was discussion regarding funding of the states programs; 89-304 and D-J money was used. R. Rinaldo, NMFS representative, asked how states justified getting the money. L. Nicholson and V. Minton said they have programs to get the public to report back on fish being caught and that B. Byrd wants this program extended for better documentation/justification. L. Nicholson stated that tagging rejuvenates interest in the program. In discussing funding for the Subcommittee's work, L. Simpson said that initially the burden would fall on each state to help fund but that in October the window would open for state/federal fisheries management funding. R. Rinaldo said there was also the option of direct contract. G. Delaney discussed reauthorization of Section 7 89-304 with a potential for extension to the Gulf if a historical fishery could be documented. L. Simpson said he had been working with the Atlantic states in anticipation of this and would submit information to G. Delaney. G. Delaney discussed 88-309 and trying to get an amendment to focus a program entirely on interjurisdictional fisheries management.

L. Nicholson turned to discussion of a management plan for striped bass. The Subcommittee was in agreement to try to develop a plan. A. Huff said the report to the TCC should say the Subcommittee decided to try to develop a striped bass management plan with the goal to try to establish a naturally reproducing population in target areas. The first step would be to survey the status of each state's stocks, basically in line with some past profiles, and then evaluate whether it can be done in-house. G. Delaney suggested that the Subcommittee follow along the

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lines of the East coast management plan. L. Simpson will get copies of that plan to the members.

It was decided for each state to go back and gather their data for a status report. The report should show how each state has progressed, a summary of all data of striped bass per state, basic catch data, stocking efforts and results, any programs which have striped bass as an interest, jurisdictions between different agencies, authority agencies have, etc. L. Nicholson and L. Simpson will work on outline regarding format and circulate it to the members. These reports are to be presented at the next Subcommittee meeting in the lab conference room at Gulf Shores, Alabama, at 12:00 noon on July 16. If any material is ready before then it can be circulated to the members through the GSMFC office.

B. Byrd entered the meeting at 11:35 and was briefed by L. Nicholson on the Subcommittee's decision to try develop a plan and on the status reports per state on striped bass to be given in July. The states profile would be the first step toward the plan. B. Byrd suggested that the Subcommittee go as far as possible in July due to the vast amount of existing background. He suggested that they at least identify the research needs, perhaps an advanced profile would be a goal. It was decided that the result of the July meeting would be the basis for the plan, they would see what they have and where to go from there. A. Huff mentioned the possibility of having to expand the Subcommittee and encourage the counterparts of the other agencies in each state to attend the meeting in July.

G. Delaney asked the Subcommittee's advice on whether or not to take the hatchery approach on the East coast. After much discussion B. Byrd said they couldn't answer the question because all situations are different. All aspects would have to be looked at and nothing should be done if an evaluation of what was being stocked could not be done.

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The meeting adjourned at 12:03 pm.

Respectfully submitted,

Larry Nicholson
Chairman

ANADROMOUS FISH SUBCOMMITTEE
Monday, March 12, 1984
Biloxi, Mississippi

LIST OF ATTENDEES

Edouard J. Crateau	U.S. Fish & Wildlife Service, Panama City, FL
Ted B. Ford	LA Dept. Wildlife & Fisheries, Baton Rouge, LA
Ron Rinaldo	NMFS, Washington, DC
Larry C. Nicholson	GCRL, Ocean Springs, MS
Arthur M. Williams	LA Dept. Wildlife & Fisheries, Baton Rouge, LA
Vernon Minton	ADCNR/Marine Res. Division, Gulf Shores, AL
Gary Saul	TX Parks & Wildlife, Austin, TX
J. Alan Huff	FL Dept. Natural Res., St. Petersburg, FL
Larry Simpson	GSMFC, Ocean Springs, MS
Glenn Delaney	Subcommittee on Fish, Wildlife Conservation and the Environment, Washington, DC
I.B. "Buck" Byrd	NMFS, St. Petersburg, FL
Harry Schafer	LA Dept. Wildlife & Fisheries, Baton Rouge, LA
Lucia O'Toole	GSMFC, Ocean Springs, MS

CRAB SUBCOMMITTEE
MINUTES
Monday, March 12, 1984
Biloxi, Mississippi

The Crab Subcommittee met and reviewed the status of crab research and monitoring in each Gulf State. Reporting were Phil Steele, Florida; Steve Heath, Alabama; Harriet Perry, Mississippi; Gerald Adkins, Louisiana; and Paul Hammerschmidt, Texas.

Florida reported the expansion of the DNR blue crab tagging program to include the entire West coast. Also reported was an increase in commercial blue crab fishing effort resulting from a shift in fishermen from a weak stone crab fishery.

Alabama reported the continuation of its assessment and monitoring program.

Mississippi reported the continuation of its assessment and monitoring program. Gulf Coast Research Laboratory (GCRL) is also continuing with its crab shedding work and will complete one year of stone crab research.

Louisiana reported the continuation of its assessment and monitoring program. Also reported was a shift of fishermen from weakened shrimp and finfish fisheries into the blue crab fishery.

Texas reported the continuation of its assessment and monitoring program. There is presently renewed interest by crab processors to pasteurize crab meat. Some infant crab shedding operations should be operable by the end of April.

During the afternoon session, each state reported on the apparent impact of the Christmas freeze on the blue crab fishery. Texas was the only state that reported direct mortalities. The other states, however, reported a significant increase in trawl crab fishery during the cold weather.

It was decided that P. Hammerschmidt, Chairman, in his report to the Technical Coordinating Committee (TCC), would request that the TCC consider the possibility of a regional tagging study, perhaps under the auspices of SEAMAP with Crab Subcommittee members as the working group. This group would meet with SEAMAP to develop a preliminary format for the tagging plan.

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Also during the afternoon session H. Perry reported that the National Blue Crab Industry Association has approved certain pasteurization standards developed by Virginia Polytech; that three boats stationed in Florida are primed and ready to fish for the deep-water red crab Geryon spp.; and that galley proofs of the Blue Crab Fishery Profile are presently being worked up and soon will be forwarded to Profile writers for proofing.

On Tuesday, March 13, 1984 a Larval Crab Identification Workshop was sponsored by GCRL. Larval crab rearing accomplished as a result of monies provided by Gulf States Marine Fisheries Commission as requested by the Blue Crab Subcommittee was reviewed. The Subcommittee participated in a hands-on workshop in identification of first zoeal, megalopal and first crab stages of various portunid crabs. These included, among others, Callinectes sapidus, C. similis and Arenaeus cribrarius.

Respectfully submitted,

Paul C. Hammerschmidt
Chairman, Crab Subcommittee

TCC CRAB SUBCOMMITTEE
Monday, March 12, 1984
Biloxi, Mississippi

LIST OF ATTENDEES

Paul C. Hammerschmidt	TX Parks & Wildlife Dept., Seadrift, TX
Harriet M. Perry	Gulf Coast Research Lab, Ocean Springs, MS
Gerald Adkins	LA Dept. Wildlife & Fisheries, Bourg, LA
Steve Heath	AL Dept. Cons. & Nat. Res., Dauphin Island, AL
J. R. Herring	MS Bureau of Marine Res., Long Beach, MS
Garey Perkins	Food & Fiber Center, Mississippi State, MS
Phil Steele	FL Dept. Nat. Res., St. Petersburg, FL

SEAMAP SUBCOMMITTEE
MINUTES
Tuesday, March 13, 1984
Biloxi, Mississippi

The SEAMAP Subcommittee meeting was called to order at 8:05 am, Tuesday, March 13, 1984 by Mr. Walter Tatum, Chairman. The agenda was adopted as presented.

Minutes of the January 18, 1984 meeting were discussed. The following corrections were made:

- 1) Page 4, paragraph 5: Line 3 should read, "In the past, shrimp in the south may leave a little earlier and they would be better distributed in the south by the time the research vessels start sampling."
- 2) Page 5, paragraph 3, item (3): The item should read, "The oceanic ichthyoplankton survey should sample the eastern and the western Gulf separately."
- 3) Page 8, paragraph 3: Line 4 should terminate after "errors", with the remainder of the sentence now deleted.
- 4) Page 8, paragraph 4, item (4): The item should read, "Data to help evaluate chlorophyll maps (T. Leming, NMFS)."

The minutes were approved as corrected.

W. Tatum opened the discussion on real-time policy, and reviewed the comments made at the January 18, 1984 meeting and requested the opinion of Dr. Ted Ford with regard to the TCC recommending that real-time policy be determined by the Commission.

T. Ford responded that he had no objection, but noted that most state agencies permit any interested party to see such data. W. Nelson agreed, but questioned whether SEAMAP intended to "advertise" the availability of the data.

T. Ford noted that some people will wish to see it, and at the same time, other will wish to have it withheld because of fleet concentration problems and speculations about price-fixing of shrimp.

W. Tatum stated that since SEAMAP is a data-gathering group, the issue should be handled by the Commission; B. Barrett noted it should be a uniform issue.

C. Bryan suggested that the data be sent to management agencies for their preferred disposition instead of advertising the data's availability; A. Huff noted that this procedure would add days to the real-time sequence, and C. E. Bryan responded that anyone can get the data, but it need not be advertised in a blanket fashion by the Subcommittee.

W. Tatum agreed that the agencies could disseminate the data as desired, but R. Waller stated his opinion that last year's procedure was fair.

C. Bryan repeated that the agencies could receive the data and provide it to any direct requestors. A. Huff stated he did not wish to bear the responsibility for distributing it; R. Waller noted that the agencies could advertise the availability instead of the Subcommittee.

W. Tatum stated that the issue was outside the Subcommittee's realm. B. Barrett moved to defer the issue of real-time data dissemination to the TCC for resolution of the 1984 data. The motion was seconded.

W. Tatum presented a letter of proxy from Mr. Robert Kemp for C.E. Bryan. The question was called on the stated motion. The motion passed, Texas dissenting.

The budget was presented by W. Tatum. T. Ford noted that the Subcommittee might wish to consider reducing the cost of distributing real-time data through the state agencies.

A. Huff moved to accept the budget report. The motion was seconded and passed.

W. Tatum stated his intent to postpone approval of the TCC report pending the presentation of "other business".

N. Bane presented a report on the Operations Plan, noting it had been printed and distributed.

W. Tatum opened discussion on the Operations Plan Executive Summary. C. Bryan stated that he wished to delete the last paragraph on page 3, pertaining to potential value of resources in the Gulf, but

would settle for a specific reference of the stated material and requested a footnote citing the paper by T. McIlwain. W. Nelson suggested that if Subcommittee members had comments on policy matters pertaining to the Executive Summary, they should be discussed during the meeting, but editorial comments and corrections of typographical errors should be directed to the Coordinator who could then prepare a final draft of the document.

W. Tatum agreed with this procedure. No problems with contents or philosophy of the document were presented. L. Simpson requested at least 300 to 400 copies, in color if possible, for use in helping to sell the SEAMAP Program. W. Nelson requested further comments; there were none.

N. Bane reported the status of the 1984 SEAMAP Marine Directory, noting that it was presently at the printer and would be available for distribution in late March.

W. Stuntz reported the status of the 1982 SEAMAP Atlas, noting that drawings were currently at the NSTL shop and required legends, which would be completed soon. He stated his expectation that the document would be available at the end of April or May.

N. Bane reported the status of the Gear Calibration Workshop proceedings, stating that J. Watson was waiting for the edited papers to be corrected by the authors; three papers had still not been returned. J. Watson expected completion of the proceedings by late July.

W. Tatum called for a report on SEAMAP survey activities.

T. McIlwain reported on the March 13, 1984 Red Drum Workshop and noted the attendance of several invited guests: B. May (Cornell University), who presented a comprehensive summary of electrophoresis philosophy and techniques; P. Ramsey (Louisiana Tech University); B. Cashner and S. Rogers (University of New Orleans); and B. Wilder (Rice University). T. McIlwain reviewed the proceedings of the workshop, noting their discussion of the limits of electrophoresis and high power liquid chromatography and their applications to delineating stocks of red drum in the Gulf. He stated that the Red Drum Work Group had met

separately that afternoon and determined a set of recommendations:

- 1) A letter should be sent to G. Bane (Louisiana State University), encouraging him to compare electrophoresis and high power liquid chromatography for identifying stocks of fish.
- 2) A letter should be sent to P. Ramsey encouraging him to conduct tests for new enzyme systems that might be useful in electrophoretic analysis.

T. McIlwain stated that the Red Drum Work Group had decided to reserve further action until the results of the tests by G. Bane had been completed in late spring or early summer. W. Tatum requested information on the time frame for the several studies; T. McIlwain responded that B. Wilder's studies would require about two years, while G. Bane's and P. Ramsey's studies would proceed immediately.

W. Tatum directed a question to G. Bane on this time frame; G. Bane responded that he had checked with his office that morning and was assured that the studies could be performed right away. He expected to convene the experts assembled for the Red Drum Workshop to discuss the findings of the studies; if the results prove comparable, he felt that LSU could run tests on red drum tissues from the Gulf immediately.

A. Huff questioned whether there had been any discussion of data on stocks from previous studies. T. McIlwain noted that results were indeterminate, but did include some information on Louisiana fishes.

T. Ford noted that the preferred size for fish to sample is 2-3 pounds; T. McIlwain responded that one-year old fish are preferred as a discrete life history stage. T. Ford agreed that it might be desirable to settle on one size, and T. McIlwain stated that all the states had agreed on the one-year size.

W. Nelson asked whether the project was ready to begin collecting specimens or was still solidifying the technique; T. McIlwain specified that the technique was still being readied. W. Tatum asked whether it was appropriate for the Subcommittee to take action for sampling at the present time; T. McIlwain responded that his group would request action

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when the technique had been approved, and would include a sampling request for western, central and eastern Gulf estuaries.

W. Tatum questioned whether the effort would concentrate on one estuary in each system; T. McIlwain responded that each state would be responsible for collecting samples although the specific estuaries have not been identified. R. Waller questioned whether adult offshore red drum would be sampled; T. McIlwain responded that the group felt a need to look at the inshore area first and if no differences were encountered in the estuaries, it would be assumed that there were no differences offshore. T. McIlwain also mentioned that the workshop had reviewed other techniques used for stock identification, including morphometrics and tagging studies, and had agreed to continue to function as a clearinghouse for information on red drum identification studies. As additional information is obtained, it will be distributed to the work group.

W. Nelson suggested the use of an expert analyst to assist in an appropriate survey design; T. McIlwain responded that B. May, P. Ramsey and B. Wilder might assist in the project.

E. Nakamura commented on the use of adult red drum for studies, noting that they are hard to obtain reflecting accurate catch locations, with few taken in the eastern and western Gulf. He further noted that G. Bane's work is not based on genetics, as is electrophoresis, but if the results are comparable, the liquid chromatography technique can be used because it is cheaper and faster.

T. McIlwain noted that if adult red drum are to be used, spawning stock will be required and they are difficult to obtain.

W. Tatum stated that the requested letters would be sent. He questioned whether the work group will be responsible for collecting the specimens if the technique proves feasible and whether any fees would accrue to the states. T. McIlwain responded that the states would bear the expenses, with no heavy costs expected. W. Tatum then asked if a motion on the recommendations was needed and whether the Subcommittee had any questions.

W. Nelson moved to have the Red Drum Work Group's recommendations accepted, with the above-noted letters sent to G. Bane, P. Ramsey, and B. Wilder, and once one or two of the proposed studies have been completed, the states should be urged to provide the specimens required for analysis. The motion was seconded and passed. T. McIlwain noted that the stocking of red drum in Texas may complicate sampling.

B. Richards presented a report on the Ichthyoplankton Work Group, and distributed written copies for the Subcommittee. Included were statements of specimen loans and the status of specimens being sorted in Poland; T. Potthoff's notice of 1984 SEAMAP Ichthyoplankton cruises; and the status of the 1982 SEAMAP Ichthyoplankton Atlas.

W. Nelson noted that the Oregon II reef fish cruise in August has been rescheduled as a SEAMAP Ichthyoplankton cruise, targeted for Spanish and king mackerel larvae, August 2-28, 1984. T. McIlwain requested information on the depths to be sampled; W. Nelson replied that up to 30 m will be sampled, and in turn, asked how far inshore the mackerel were expected to be. T. Ford responded with a figure of less than 10 miles from shore in Louisiana.

C. Bryan asked when the families would be identified to the species level; B. Richards noted that this has already been done, as well as the sciaenids from Louisiana. He noted the distribution of larval materials to the following persons:

- 1) Louisiana sciaenids: Mr. Jim Ditty, followed by Dr. Rick Shaw (LSU)
- 2) sciaenids and clupeids west of the Delta: Dr. Shaw
- 3) sciaenids and carangids east of the Delta: Dr. Sally Richardson
- 4) scombroids: Dr. Richards, Dr. Potthoff
- 5) mackerels: Dr. John Finucane (NMFS, Panama City)
- 6) elopoids: Dr. Bruce Thompson
- 7) Steindachneria: Mr. Fahay, (Northeast Fisheries Center, Highland, NJ)
- 8) myctophids: Mr. Conley (University of South Florida)

B. Richards suggested that in the future, requests from graduate students be submitted from their major professor.

W. Nelson asked if there had been a request for snapper or grouper larvae; B. Richards replied that there has not.

A. Huff stated the need to distribute specimen request forms. B. Richards stated that M. Leiby at Florida Department of Natural Resources (FDNR) would like access to the NMFS data base for SEAMAP data; B. Richards responded that he is attempting to secure a printer for labels and data at FDNR.

K. Savastano asked if a comparable table for 1982 data exists and is it available to SEAMAP.

A. Huff moved to accept B. Richards' report; the motion was seconded and passed.

A. Huff moved to require that requests for specimens from graduate students be sanctioned in a letter from their major professor. The motion was seconded and passed.

A. Huff then stated that a problem had arisen with respect to Mr. Conley's request for myctophid specimens and the current specimen loan procedure. He noted that J. Gartner of the SEAMAP Archiving Center would like to send the completed request forms to the Subcommittee and Work Group, and if there are objections, he would call the Coordinator; otherwise, the loan would be processed. W. Tatum noted that most requests go to the Coordinator, and requests could be processed through either the Curator or the Coordinator.

R. Waller noted a need to address the graduate student issue; the policy for graduate students should be included in the loan form, with a line for the major professor's signature, if appropriate, on the form.

A. Huff moved that the procedure for processing loans should permit the Curator to send the completed request forms to the Subcommittee and Work Group, and if there are objections, he must notify the Coordinator; additionally, the Curator should notify the Subcommittee and Work Group whenever a request has been received. The motion was seconded and passed.

A. Huff also requested that any questions about the use of specimens or other questions pertaining to them be referred directly to the Curator by telephone.

W. Nelson questioned the availability of new ichthyoplankton supplies for the spring-summer SEAMAP cruises; B. Richards responded that the issue depended on E. Nakamura. E. Nakamura stated that their availability looks promising.

K. Foote requested information on the status of the August-September red drum larval survey, questioning whether it is to be considered a SEAMAP survey and if samples taken are to be sorted gratis by the Polish Sorting Center. B. Richards responded positively to both questions.

W. Tatum noted that Alabama will attempt to conduct a survey during this time; K. Foote noted Louisiana's participation.

W. Nelson moved to identify the August-September survey as an official SEAMAP cruise, tied to coastal sampling for mackerel and red drum larvae. The motion was seconded.

It was noted that all states, with the exception of Texas, intend to participate in the survey. C. Bryan questioned whether this type of survey is covered in the Operations Plan. W. Tatum stated that the program was designed to include other surveys that would further the resource data base, even if not specifically mentioned in the Plan.

R. Waller noted that the samples would be processed in Poland. K. Foote questioned whether the cruise would be inshore sufficiently to cover the area less than five fathoms, to permit the needed overlap with the Louisiana survey. W. Nelson affirmed this.

C. Bryan objected that the program should proceed with the original plan and do that well. W. Nelson responded that the planned survey would not involve much effort beyond the original plan.

The question was called. The motion passed, Texas dissenting.

B. Barrett requested that on the specimen loan form, the conditions be changed to provide an additional six copies to the Subcommittee, for

a total of eight, so that all Subcommittee members would have a copy.
A. Huff agreed to make the change.

W. Nelson moved to have S. Nichols of the National Marine Fisheries Service, accepted as a member of the Shrimp/Groundfish Work Group. The motion was seconded.

C. Bryan noted that there will now be six members on that group. No discussion followed. The motion passed.

C. Bryan presented a report on the Shrimp/Groundfish Work Group. He noted that should the Subcommittee desire information on the electric shrimp trawl, which has been proven useful for night surveys and improves efficiency, W. Seidel of NMFS-Pascagoula was present to answer questions. W. Stuntz noted that other work groups are doing other things, and that he would prefer not to subscribe to the use of the electric trawl at this time.

C. Bryan stated his opinion that it is a technique that the Subcommittee should look at in the future. W. Seidel noted that the trawl can define the catch coefficient accurately, but will require a redesign of survey strategies and has a greater benefit as a harvesting tool.

C. Bryan stated that until such time as the Work Group can examine the technique, he felt the Subcommittee should postpone discussion of its use. W. Seidel also felt it should be investigated further as it may have some negative impact on sampling. C. Bryan stated that the Work Group will look at the gear at a later date.

C. Bryan stated that a final version of the Shrimp/Groundfish syllabus requires revision by the Work Group. He then presented the 1984 Shrimp/Groundfish survey design, with the following major points:

- 1) Alabama will sample as last year.
- 2) Mississippi will sample as last year.
- 3) Louisiana will sample as last year.
- 4) Texas will not sample as before as the WESTERN GULF is not available; we are attempting to get one vessel on line by the end of June and the last vessel should be on line in December 1984.

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- 5) Florida will not sample as before as the SUNCOASTER will not be used and less samples will be taken.

S. Nichols has examined the survey design and analyses, and expressed his opinion that sampling could be reduced by 50% from the 1983 survey with a reduction in precision of only 8%. He is also looking at sampling for only 20 days instead of 40 days; the current plan is to reduce last year's 300 samples to 200 in 1984.

C. Bryan moved that, in order to keep the data base consistent, the Shrimp/Groundfish survey for 1984 should begin sampling June 1, taking 100 samples working from east to west, with another 100 samples taken from the west to the east, and that these samples be compared to determine efficiency of design.

T. McIlwain asked if all the samples would be taken in Texas; C. Bryan replied that samples would be chosen as for last year, with Mississippi sampling beginning on June 1 and being sampled again at the end of the survey. He suggested that it might be beneficial to extend the survey as far east as possible to cover groundfish in Florida or Alabama. A. Huff agreed.

B. Barrett asked which stations would be reduced. C. Bryan responded that none would be dropped, but would be reduced by the number of samples, with stations still selected randomly.

R. Waller asked if paired trawls would be done. (Response uncertain). T. McIlwain noted that SEAMAP now has two years of data and questioned whether it is necessary to conduct more paired surveys. C. Bryan responded that perhaps it would be best to await analysis. W. Stuntz noted that comparisons have been done for the 1982 trawls, but not yet for 1983. S. Nichols noted that there are some problems with respect to the comparability of the OREGON II and the TOMMY MUNRO. T. McIlwain suggested a request for analysis of the 1983 data, noting that it should be the deciding factor with regard to continued paired trawling. W. Nelson responded that he would check on the possibility for such an analysis.

The motion was repeated and seconded. T. McIlwain thanked the Work Group for its efforts as being cost-effective.

B. Barrett asked if there were any objections to the Work Group's recommendations for the survey; C. Bryan responded negatively, noting that E. Gutherz and E. Klima had been absent.

The motion was called and passed.

W. Nelson recommended that NMFS develop the cruise tracks for the survey and stations to be sampled, as rapidly as possible. P. Thompson agreed to do so.

W. Tatum asked whether the Work Group intended to meet again; C. Bryan responded that they would like to. N. Bane pointed out that the Red Drum Work Group also wishes to meet again, but no funds exist for additional work group meetings. T. Ford suggested that the states provide funding for these meetings; all states agreed to do so.

W. Tatum commended the work groups for their efforts, and noted that although some data on groundfish would be lost, the effect was unavoidable.

W. Stuntz presented a report on the Environmental Data Work Group, noting the design of the environmental survey for this year would be the same as last year, piggy-backed onto other surveys in May-June and July-August. He noted one change in sampling: the Gulf would be sampled in two halves rather than by transecting the Gulf. He noted another modification, whereby if any spare daylight hours were presented, transects would be run offshore from five fathoms out as far as possible with bongo nets and environmental data samplers. He added that he would not know those transect stations until all the stations have been scheduled; assignment would be left to the Field Party Chief, but probably no more than five transects would be made. The purpose of the transects is to look for gradients, relative to satellite data, at half-hour increments (every 5 miles), distributed around the Gulf.

W. Nelson asked if the proposed change would also occur in the August mackerel cruise; W. Stuntz responded positively. A. Huff noted that the real-time data might be suitable for processing at Florida DNR, using their color scanner. W. Stuntz stated that when the cruise tracks are established, they will be supplied to the states.

K. Savastano presented a report on the Data Coordinating Work Group. He distributed the status report on the 1983 data and noted a problem with the delay in securing chlorophyll and salinity data from the Charleston Laboratory. He further noted a need to address the merging of SEAMAP data sets and requested the Subcommittee's approval of the data request form. He added that he has received eight requests for data, with three of these completed and the remainder currently being processed.

W. Stuntz asked if the data are provided with specimens loaned from the Archiving Center. A. Huff replied negatively. B. Barrett suggested that Florida DNR provide a printout of the data to accompany each loan. K. Foote asked if the previous resolution applying to the requirement for major professor approval of graduate students specimen loan request should also apply to data requests. K. Savastano replied that this should not be the case as the data are available to all.

A. Huff moved to have the amended proposed data request loan forms approved. The motion was seconded and passed.

K. Savastano also requested a procedure for processing loan requests through either the Coordinator or the Data Manager, except for requests from SEAMAP Participants, which are processed immediately upon request. He also noted that M. Leiby indicated that it would be better to have the specimen labels printed at Florida DNR; binumeric codes have been supplied to M. Leiby by K. Savastano for the ichthyoplankton.

K. Savastano also noted a problem with identifying sites, and needs the vessel names. He has already added the source identifier, station number, and assigned digit codes for participants as well as data type (ichthyoplankton, shrimp/groundfish, etc.). With respect to merging

data sets, K. Savastano noted that the forms are different for different surveys -- biological, environmental, ichthyoplankton -- and the files will have to be restructured for efficient sorting. The work requires changes for the survey types, which will require the joint efforts of the work groups to delete or expand information. K. Savastano recommends that this be done prior to the 1984 surveys.

A. Huff asked whether this will require revisions of data forms and a meeting of the work groups. K. Savastano replied positively to both questions.

K. Savastano reported that the Apple systems are presently functional, but there is a problem with the dial-up system; the system is presently going to Telenet services, which will be passed on to Apple users in the system. He explained that SEAMAP Participants will be able to read, but not change, the files; unverified data will not be accessible. He also noted that real-time data files for 1982-1983 have been acquired and length-frequency files for these years have also been acquired.

C. Bryan stated that G. Matlock's October request for data has still not been filled; he noted a real problem with data management because of the large amount of data, in spite of which the program continues to expand surveys. He also stated a need to standardize the data.

W. Tatum commended K. Savastano for his work.

A. Kemmerer noted that all data management is basically free to the program and that the system has been provided without additional funds.

K. Savastano responded that G. Matlock's request has not been filled because some of the requested files were not available, such as length-frequency. Until all the data are available, such requests are withheld pending editing. Additionally, processing environmental data involves delays due to unavailable chlorophyll and salinity data, which analyses need to be expedited but are depended on funding.

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A. Huff asked whether K. Savastano will assume the role, by telephone, of making changes in the needed forms. K. Savastano replied that he would prefer to do this with a meeting in early May, including all work group leaders. N. Bane noted that no date has been set for such a meeting at this time.

W. Tatum asked for other business. He noted that the TCC has voted to present P. Thompson with a formal, written resolution commending him for his efforts in behalf of SEAMAP and requested suitable contributions from the members.

A. Kemmerer presented the NMFS/SEAMAP proposal to the NOS/OAD Status and Trends Program for monitoring sediments and finfish in the Gulf. The study will be part of a nationwide effort to analyze sites for organics and heavy metals. Additionally, the members have agreed to identify "Mussel Watch" stations in the Gulf. A. Kemmerer stated that most of the actual analysis work will be performed by NMFS, with sampling presently reduced to one this year. Some flexibility is permitted in site selection; 14 sites have been selected for the Gulf, and cannot presently be affected by point source pollution. It is preferably that the selected sites reflect work done in the past. Total funding available is between \$30,000 and \$50,000. The project has been well received by NOS; there is not a need to select specific sites, the cost of sampling, and target species, preferably a flatfish. Specific "Mussel Watch" sites are also needed.

A. Kemmerer stated that the project may become a long-term study if funds are available.

W. Tatum suggested that a three-man task force be appointed for this project, and suggested B. Barrett, A. Huff, and R. Waller. A. Kemmerer noted that the group will need to get together next week.

W. Tatum noted that his report to the TCC will include all SEAMAP activities and decision since the last meeting, and stated that he will add the Subcommittee's action on deferring the real-time data distribution policy to the report.

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W. Tatum asked if a Spring meeting would be better than a meeting convened after the shrimp/groundfish survey. W. Nelson stated that the work group leaders would need to meet in May, and other meetings might be necessary.

I.B. Byrd noted that if funds are requested for SEAMAP activities beginning October 1, 1984, they will need to be submitted to SERO by July 1, 1984, unless the Subcommittee wishes to operate its activities without a commitment of proposed activities in hand. W. Tatum requested the Coordinator to handle this matter.

W. Tatum stated that the absence of a general SEAMAP meeting in May will free funds for the red drum work; there will be no meeting this summer unless one is called.

There being no further business, the meeting adjourned at 12:05 pm.

Respectfully submitted,

Walter M. Tatum
Chairman, SEAMAP Subcommittee

SEAMAP SUBCOMMITTEE
Tuesday, March 13, 1984
Biloxi, Mississippi

LIST OF ATTENDEES

Joanne Laroche	GCRL, Ocean Springs, MS
Betsy Washington	GCRL, Ocean Springs, MS
David Ruple	GCRL, Ocean Springs, MS
Joe Angelovic	NMFS, Washington, DC
Sally Richardson	GCRL, Ocean Springs, MS
Jerry Brashier	MMS, Metairie, LA
E.J. Gutherz	NMFS, Pascagoula, MS
Scott Nichols	NMFS, Miami, FL
John Steen	GCRL, Ocean Springs, MS
J.Y. Christmas	GCRL, Ocean Springs, MS
Wilbur Seidel	NMFS, Pascagoula, MS
Eugene Nakamura	NMFS, Panama City, FL
Perry Thompson	NMFS, Pascagoula, MS
Karen Foote	LDWF, Baton Rouge, LA
Theodore Ford	LSU, Baton Rouge, LA
Warren Stuntz	NMFS, Pascagoula, MS
William Richards	NMFS, Miami, FL
Barney Barrett	LDWF, Baton Rouge, LA
Richard Waller	GCRL, Ocean Springs, MS
Alan Huff	FDNR, St. Petersburg, FL
Walter Tatum	ADCNR, Gulf Shores, AL
Walter Nelson	NMFS, Pascagoula, MS
C.E. Bryan	TPWD, Austin, TX
Ken Savastano	NMFS, NSTL, MS
Thomas McIlwain	GCRL, Ocean Springs, MS
Gil Bane	LSU, Baton Rouge, LA
Dick Berry	NMFS, Miami, FL
I.B. "Buck" Byrd	NMFS, St. Petersburg, FL
Andrew Kemmerer	NMFS, Pascagoula, MS
David Etzold	GCRL, Ocean Springs, MS
Nikki Bane	GSMFC, Ocean Springs, MS

VII. FINANCIAL REPORT

A. Funds expended: October 1, 1983 - February 29, 1984

Item	FY 84	Expenses	Funds	Balance
	Allocation	To-Date	Encumbered	
<u>1</u> Personnel	\$ 18,000.00	\$ 7,330.00	\$ 10,670.00	\$ - 0 -
Office supplies	600.00	358.62	- 0 -	241.38
Postage	1,200.00	500.00	- 0 -	700.00
Telephone	1,200.00	400.00	700.00	100.00
Meeting costs	1,600.00	814.07	- 0 -	785.93
<u>2</u> Committee travel	13,000.00	10,371.89	- 0 -	2,628.11
Publication costs	2,400.00	- 0 -	- 0 -	2,400.00
Copy expenses	1,500.00	803.18	- 0 -	696.82
TOTAL	\$ 39,500.00	\$ 20,577.76	\$ 11,370.00	\$ 7,552.24

B. Projected expenditures, February 29, 1984 - September 30, 1984

Item	Balance 2/29/84	Projection
Travel:	\$ 2,628.11	
March meeting		\$ 1,950.00
May meeting		1,200.00
Meeting costs:		
May meeting		200.00
Publications	2,400.00	
Gear workshop proceedings		1,500.00
1984 Director		200.00
Postage	700.00	700.00
Copy expenses	696.82	
Real-time data (100 copies X 7 weeks)		595.00
Other		100.00
TOTAL	\$ 6,424.93	\$ 6,445.00
PROJECTED DEFICIT	20.07	

<u>1</u> Personnel expenditures:	Expenses	Encumbered	Balance
	To-Date		
L. O'Toole	\$ 5,250.00	\$ 13,000.00	\$ 7,750.00
L. Simpson	2,080.00	5,000.00	2,920.00
TOTAL	\$ 7,330.00	\$ 18,000.00	\$ 10,670.00
<u>2</u> Attachment			

ATTACHMENT Travel Expenses

October 18, 1983 (Key West, FL)

Richard Waller	\$ 580.70
J. Alan Huff	294.03
Walter M. Tatum	631.22
Barney Barrett	563.95
Gary Matlock	345.80
Richard Condrey	683.58
Nikki Bane	587.05
J. Y. Christmas	358.43
Ted B. Ford	328.80
Perry A. Thompson	<u>605.56</u>

TOTAL \$ 4,979.12

January 17-19, 1984 (New Orleans, LA/Houston, TX)

Perry A. Thompson	\$ 441.22
Ken Haddad	400.73
C. E. Bryan	375.18
Tom McIlwain	114.78
Sally Richardson	50.60
M. Leiby	379.93
Phil Bowman	270.99
Rick Shaw	107.24
Steven Heath	343.00
John Roussel	74.73
Larry McEachron	198.23
Joey Shepard	65.08
Mike Murphy	367.18
John Hawk	73.98
Richard Waller	56.23
J. Alan Huff	332.15
Barney Barrett	67.87
Walter M. Tatum	216.58
Ted B. Ford	<u>18.01</u>

TOTAL \$ 3,953.71

MISCELLANEOUS TRAVEL

Richard Condrey (7/83)	\$ 126.83
J. Alan Huff (10/83)	599.14
Perry A. Thompson (10/83)	23.97
Perry A. Thompson (10/83)	29.87
Casa Marina (10/83)	428.01
Perry A. Thompson (11/83)	48.22
Perry A. Thompson (11/83)	23.02
Travel Affiliates (10/83)	144.50
Perry A. Thompson (1/84)	<u>15.50</u>

TOTAL \$ 1,439.06

GRAND TOTAL \$10,371.89

LAW ENFORCEMENT COMMITTEE
MINUTES
Tuesday, March 13, 1984
Biloxi, Mississippi

The meeting was called to order by Jerry Gollott, Chairman,
at 9:05 am.

A brief discussion was held concerning any newly enacted laws in
the respective states since the last meeting.

There followed a presentation explaining the new Mississippi Oyster
Tagging Law. Each individual state discussed the possibilities of
application as applied to their state.

A motion was adopted for the committee members to attend the
Shellfish Conference in Orlando, Florida during August, 1984.
Chairman J. Gollott assumed the task of obtaining information concerning
the Shellfish Conference and to advise committee members.

The committee discussed the importance of all states being
thoroughly aware of member states' Oyster Regulations, due to increasing
water quality problems. Also discussed were documentation and
registration problems within each member state.

Agreement was made to discuss, at the next meeting, the assignment
of committee members to attend as observers, any committee meetings
which Enforcement Divisions need to be aware of.

The meeting was adjourned.

Respectfully submitted,

Jerry Gollott, Chairman
Law Enforcement Committee

LAW ENFORCEMENT COMMITTEE MEETING
March 13, 1984
Biloxi, Mississippi

LIST OF ATTENDEES

Jerry Gollott	BMR, Biloxi, MS
Jim Hanley	BMR, Pass Christian, MS
Maj. J.J. Brown	FMP, Homosassa Springs, FL
Maj. Charlie Clark	LDWF, Baton Rouge, LA
William Walker	TPWD, Austin, TX
Jerald K. Waller	ADCNR, Dauphin Island, AL
Maj. Tom Landis	LDWF, Baton Rouge, LA
Tom Maher	NMFS, New Orleans, LA
Sam Mitchell	Florida House of Representatives, Chipley, FL

MENHADEN ADVISORY COMMITTEE
MINUTES
Tuesday, March 13, 1984
Biloxi, Mississippi

The meeting was called to order at 1:30 pm by Dalton Berry, Chairman. The agenda was adopted and the minutes of the October 19, 1983 meeting were approved without correction.

R. Chapoton reported that 1984 should prove to be a good season. Purse seine landings of Gulf menhaden for 1983 amounted to 923,000 metric tons (new record) with 18% landed in Mississippi and 82% landed in Louisiana. The age make-up of 1983 catches suggest a strong showing of age-2 fish early in the 1984 season. With the number of vessels fishing (about 81) and the amount of fishing effort about the same as 1983, the predicted purse-seine catch for 1984 is 820,000 metric tons.

Mr. Chapoton stated that processing of the 1983 Captain's Daily Fishing Reports is 65% complete presently and may be completed by April. He feels that although the evaluation is not timely it will be worthwhile and good for research.

Beaufort is considering reducing the information put into the computer for future years to key elements and set performance in order to speed data evaluation. Beaufort is also attempting to gain access to another key-entry system for this reason and to possibly work off the backlogged years. R. Chapoton and the Beaufort lab do not recommend any change in the amount of information collected in the Captain's Daily Fishing Reports.

The 1984 Captain's Daily Fishing Report forms and new instruction books will be mailed out in mid-March to begin the 1984 season with. Completed forms are to be mailed in weekly as in 1983.

There was some discussion about some state agencies not picking up their data and the benefit to industry if confidentiality is kept.

Melissa Smith, Department of Energy, presented an update on brine disposal at Big Hill and West Hackberry sites, concentrating on West Hackberry. She discussed such topics as salt dome leaching, discharge plume and monitoring efforts to determine environmental impact. The Department of Energy has encountered a wide variation in data from

MENHADEN ADVISORY COMMITTEE
MINUTES
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monitoring due to the highly changing environment but extensive efforts are on-going at all sites. Ms. Smith stated that the discharge is not fresher than ambient water and therefore never reaches the surface. The highest jet is reported to be 16 feet in a depth of about 70 feet of water. The monitoring efforts show no unreasonable degradation with very little impact detected, all well within the natural variations. Ms. Smith also reported that the nutrient data suggests the hypoxia which occurs commonly out there may be caused by high nitrates.

Dr. Etzold discussed approaches for data gathering and storage for future menhaden plans. R. Condrey will look into data search approach at Louisiana State University. Dr. Etzold and J. Y. Christmas will compile a list of information needed and L. Simpson will look into the possibility of using the GSMFC office as a repository for the data. Further discussion will take place at the next meeting.

R. Condrey requested access to the 1978 computerized data from the Captain's Daily Fishing Reports (done by J. Y. Christmas) for a research project on development of an effective fishing effort index for Louisiana's menhaden industry. He would look at how searching time by pilots and captains is affected by stopping when fish are found, mobility of vessels, set rate, catch rate, handling time, density, and competition between captains during weeks of low abundance. Following discussion B. Lunsford moved that the Menhaden Advisory Committee allow R. Condrey to use the computerized data from 1978 as long as confidentiality is maintained. R. Richardson seconded and the motion carried. R. Chapoton will furnish a copy of that data tape to Mr. Condrey. R. Richardson moved to allow Mr. Condrey access to 1979-1980 raw data and future years as feasible, which Mr. Condrey will attempt to have computerized. This would help Beaufort to catch up with their backlog of data processing. Seconded by B. Lunsford, the vote was unanimous. R. Chapoton and R. Condrey will work out the details of data transfer, confidentiality, etc.

MENHADEN ADVISORY COMMITTEE
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B. Lunsford commented that the legislation being considered now in Congress could affect council jurisdiction both inshore and offshore. Some discussion followed.

There being no other business, the meeting adjourned at 4:31.

Respectfully submitted,

Dalton Berry, Chairman

MENHADEN ADVISORY COMMITTEE
Tuesday, March 13, 1984
Biloxi, Mississippi

LIST OF ATTENDEES

Eldon Levi	NMFS/SEFC, Beaufort, NC
T. G. Christopher	Standard Products Co., Moss Point, MD
R. B. Chapoton	NMFS/SEFC, Beaufort, NC
W. Borden Wallace	Wallace Menhaden Products, Mandeville, LA
Harry Schafer	LA Dept. Wildlife & Fisheries, Baton Rouge, LA
C. E. Bryan	TX Parks & Wildlife Dept., Austin, TX
Richard Condrey	LSU, Baton Rouge, LA
Ray Richardson	Seacoast Products, Inc., Port Monmouth, NJ
Charles H. Lyles	Ocean Springs, MS
Melissa W. Smith	U.S. Dept. of Energy (SPR), New Orleans, LA
J. Y. Christmas	Gulf Coast Research Lab, Ocean Springs, MS
George Brumfield	Zapata Haynie Corp., Moss Point, MS
David J. Etzold	USM, Hattiesburg, MS
Jack T. Styron	Wallace Menhaden Products, Mandeville, LA
W. C. Lunsford, Jr.	Zapata Haynie Corp., Timonium, MD
Dalton Berry	Petrou Fisheries, Inc., Empire, LA
Hugh Swingle	AL Dept. Cons. & Nat. Res., Dauphin Island, AL
Larry B. Simpson	GSMFC, Ocean Springs, MS
Lucia O'Toole	GSMFC, Ocean Springs, MS

INDUSTRY ADVISORY COMMITTEE
MINUTES
Tuesday, March 13, 1984
Biloxi, Mississippi

The meeting was called to order by Chairman Ralph Rayburn at 9:05 am. He explained that the Industry Advisory Committee is an informal structure where industry representatives can meet to discuss mutual concerns and problems. He invited all present to participate in the meeting.

The agenda was adopted by consensus. J. R. Nelson motioned to adopt the minutes of the October 1983 meeting. Seconded by L. Kiffe, the motion carried.

R. Rayburn invited all attendees to introduce themselves.

R. Rayburn briefed the Committee on the background of the fishery development bank. The legislation was proposed by Congressmen Breaux and Forsythe to develop a banking corporation that would basically take existing programs, primarily financial services, that normally fall within the operation of NMFS and establish a quasi-governmental corporation. The purpose was to enhance the flexibility of the programs and to establish a more permanent funding mechanism for these programs in order to get more consistent approaches to fishery development and financial services. Hearings were held on the proposed legislation and industry has mixed reactions as to whether or not the legislation was acceptable. Writers of the legislation have since reevaluated the legislation and have taken a new approach. The draft should be available for review in April, hearings will be held in May. The revised legislation will establish a bank type of structure.

G. Delaney with Congressman Breaux's Fisheries and Wildlife Subcommittee explained further progress with the legislation. He stated that the original legislation was developed so that fishery development activities could go outside the current administration. This is due to lack of support by the current administration for fishery development evidenced by extreme budget cuts for fishery activities. The first draft met with many negative responses so it was decided to start all over with more industry input. After a series of meetings with industry

INDUSTRY ADVISORY COMMITTEE
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representatives three (3) areas were stressed as being important to the industry. They were as follows:

- long-term financing programs at a reasonable rate
- short-term financing programs limited to the extent that it would back up the long-term program
- Export market development assistance

The rewriting of the legislation is underway and hearings will be held probably in May.

J. R. Nelson stated that the financial assistance of NMFS is currently operating well. He is concerned as to whether or not a new system would necessarily be a better system. L. Kiffe questioned the worth of short-term financial assistance. He felt the qualifications were too restrictive. Also of major concern to L. Kiffe was the lack of financial programs available to encourage the exporting of fishery products. C. Lyles stated that he is currently working with Senator Thad Cochran on the problem of export marketing. G. Delaney added that this new legislation will cover buyer financing and other assistance for export marketing. He also added that although the existing financial services were operating well, that they operate under strict restraints that would not exist within this new structure.

R. Rayburn requested that copies of the new fishery development bank legislation be distributed to all present when available.

R. Rayburn presented background on what has been going on with the incineration of hazardous waste in the Gulf of Mexico. The EPA has been evaluating an application for three (3) permits to burn various types of hazardous waste in the Gulf of Mexico. Temporary approval has been granted to Chemical Waste Management for two (2) permits for actual destruction of waste and one for a test burn. Hearings were held in Brownsville, Texas and Mobile, Alabama regarding these permit applications. Those attending the hearings expressed concern as to the lack of federal regulations on criteria for burning hazardous waste. Also of concern was the fact that the vessels being used for the burns

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were built outside of the United States. A basic lack of knowledge and distrust exists between industry and companies burning hazardous waste. Problems with previous incineration activities has created poor public relations. One company, that does not currently hold a permit, is At-Sea Incineration, Inc. In an effort to establish a good working relationship with industry in the Gulf of Mexico, Larry O'Brien and John Sandstedt of At-Sea Incineration, Inc. met with the Committee to explain their company's philosophy and policy.

At-Sea Incineration, Inc. has determined that incineration of certain waste is effective, economically appropriate and environmentally safe. The at-sea sites are away from where people live, away from drinking water supplies and provide a complete destruction technology as opposed to storing waste in supposedly secure landfills. An elaborate regulatory program precludes the company from accepting a vast number of waste. Their philosophy is to learn from the history of past mistakes in the field of waste disposal and to take extra precautions to prevent future errors in their business. Their vessels were built in the United States and will have an EPA Inspector aboard during burning operations. Representatives from the Gulf States will be invited aboard at all times. Burn sites are chosen methodically with evaluations of charts of the outer continental shelf, wind and water currents, fish spawning, etc. At-Sea Incineration, Inc. invited anyone requiring further information or having problems with site selections for burnings to call At-Sea Incineration, Inc. any time.

R. Rayburn explained S. 2160, a bill to establish a National Fisheries Marketing Council introduced by Senator Stevens. Basically it would establish a National Fisheries Marketing Council made up of 16 members from each regional segment of the United States. Members would represent the harvesting and processors of their region. The Council would decide where to spend funds, on what products, what species, which area, etc. Funds to operate this program initially would come from the Fisheries Loan Fund in the amount of \$10 million and \$4 million from

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Saltonstall-Kennedy Funds. Beginning in 1986 a domestic fishery and import assessment in the amount of .2 percent would be collected on the ex-vessel value of the product in order to fund the program. Texas Shrimp Association (TSA) and National Fisheries Institute (NFI) support the marketing concept but are concerned that no system of referendum exists for industry to respond until 1990, four years after the assessment is imposed. Also of concern to already developed industries that have established a market value is the fact that the developed industry would be subsidizing developing industry. The Southeast Fisheries Association and the Gulf & South Atlantic Fisheries Development Foundation, Inc. (G&SAFDF) support the legislation. A group of Senators from the Northeast region are concerned about certain aspects of the program. Hearings will be held. The legislation may go through the legislative process rapidly due to Senator Steven's strength in the Senate.

R. Rayburn updated the Committee on F.U.T.A. (federal unemployment tax). It had been hoped that boat owners could be exempted from paying unemployment taxes under the Revenues Enhancement Bill. This did not occur in the last session. Legislation to bring this about will be discussed in March in the Senate and House. It is felt by many in the industry that unemployment payments are being taken advantage of and it is hoped that boat owners may be exempted from this tax. No action has been taken at this time.

A. Kemmerer discussed a program being carried out in cooperation with G&SAFDF and NMFS Southeast Regional Office regarding the potential that exists in the Gulf of Mexico to develop an export market of coastal pelagics, particularly coastal herrings. It is believed that coastal herrings represent a harvest potential of one million metric tons. The project began last year with limited results and has continued this year using advanced technology (large mesh mid-water trawls). They hope to capture fish, prove the technology and develop export products. These efforts are the forerunner of a five-year program that will totally define the coastal pelagic resources. He will keep the Committee updated on results and activities upon request.

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L. Simpson stated that he was surprised to learn that over 50 million pounds of pond-raised shrimp had been imported from Ecuador last year. It is projected that within three years 100 million pounds of shrimp will be imported from the same country. B. Chauvin stated that Ecuador is not the only country importing large numbers of shrimp and that this situation is creating a problem for the industry. The impact on the domestic shrimp market is extremely important. The Committee agreed that the situation in Latin American countries should be watched closely. B. Chauvin stated that the domestic industry as a whole needed to find ways to overcome the problems created by the large numbers of imported shrimp. R. Rayburn stated that TSA supported the idea of persons in the shrimp industry, from one state to the other, working together to solve common industry problems and to create a political force. He plans to move on with the idea next month and will set up a roundtable-type discussion. G. Delaney stated that Congressman Breaux was working on an idea that would gather industry together to discuss the state of the industry. This meeting may take place in mid-May.

G. Delaney explained that one of the things the Fish and Wildlife Subcommittee does is to make recommendations to Congress as to how money is spent for fishery programs within NMFS. They have had some success in the past with approval of their recommendations. The current administration had reduced the NMFS FY 85 budget by over 40%. The Committee was able to restore many research and data collection programs including the Council funding, state grants, PL 89-304, grant-in-aid projects, Fish Vessel and Gear Damage Compensation Fund, Contingency Fund, etc. They are currently working to keep the administration from removing \$25 million from the S-K Fund for use with non-fishery programs. Some of the fishery programs they are supporting are the coastal herring program, a further look into surimi products in the Northwest and Alaska region, R. B. Chapman transfer, SEAMAP and the U.S.-Mexico transboundary shrimp tagging study. R. Rayburn thanked G. Delaney on behalf of the Industry Advisory Committee (IAC) for his

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presentation and input throughout the meeting. The IAC recommended that the Commission draft a letter of appreciation to Congressman Breaux for sending G. Delaney to the GSMFC meeting.

P. Thompson reported that a SEAMAP Operations Plan had been distributed to persons in Washington and the Southeast region for review. A data base for 1982 and 1983 has been established and 1984 surveys with ichthyoplankton, shrimp and bottomfish, environmental, and king mackerel larvae will continue. The 1984 sampling will be reduced due to loss of vessels but there will be no loss of data base. Survey samples for 1982 are in, it is expected to take one year to have yearly survey samples identified. A SEAMAP directory was developed that lists all the ongoing research programs for the states, federal agencies and universities of the Gulf. J. R. Nelson questioned the ability to get a good data base for shrimp and bottomfish with current sampling methods and within a limited 1- to 1½-months period of time. P. Thompson felt that the data was good statistically. R. Rayburn thanked P. Thompson for his presentation and requested he keep in touch with the IAC now that he is no longer SEAMAP Coordinator.

R. Rayburn stated that to date it is estimated that \$108,000 is needed to carry out the very important transboundary shrimp tagging study proposed by E. Klima, NMFS, Galveston Lab for the Gulf of Mexico Fishery Management Council. TSA proposes to donate approximately \$30,000 in vessel time. It is hoped that money may become available, with Congressional help, within the NMFS budget. He will keep us informed of any progress.

C. Lyles stated that he was concerned about the de-emphasis of technology research within the NMFS agency. He recommended that the IAC examine this situation and problems with getting this information to the industry at its next meeting.

There being no further business the meeting adjourned at 12:20 pm.

Respectfully submitted,

Ralph Rayburn, Chairman

INDUSTRY ADVISORY COMMITTEE
Tuesday, March 13, 1984
Biloxi, Mississippi

LIST OF ATTENDEES

Ginny Herring	GSMFC, Ocean Springs, MS
Charles H. Lyles	Ocean Springs, MS
Marion Clarke	Florida Sea Grant, Gainesville, FL
David Martsolf	Univ. of Florida, Gainesville, FL
Willis H. Clark	Texas A&M Sea Grant, College Station, TX
Larry B. Simpson	GSMFC, Ocean Springs, MS
Paul D. Fulham	NMFS, St. Petersburg, FL
Larry O'Brien	At-Sea Incineration, Inc.
John Sandstedt	At-Sea Incineration, Inc.
Glenn Delaney	Fisheries & Wildlife Subcom., Washington, DC
John Burgbacher	Offshore Operators Committee
Leroy Kiffe	GSMFC, Lockport, LA
John Ray Nelson	Bon Secour Fisheries, Inc., Bon Secour, AL
Ron Rinaldo	NMFS, Washington, DC
Bill Chauvin	Shrimp Notes/Am. Shrimp Can. & Proc., New Orleans, LA
Lloyd Regier	NMFS, Charleston, SC
Gary Saul	TX Parks & Wildlife Dept., Austin, TX
Ralph Rayburn	Texas Shrimp Association, Austin, TX
Andy Kemmerer	NMFS/NSTL, Mississippi
Richard Berry	NMFS, Miami, FL
Eugene Nakamura	NMFS, Panama City, FL

RECREATIONAL FISHERIES COMMITTEE

MINUTES

Tuesday, March 13, 1984

Biloxi, Mississippi

The meeting was called to order at 1:05 pm by Dr. Fred Deegen, Chairman. Attendees were requested to present their affiliation. The agenda was approved with the following modifications:

- 1) A report by E. Crateau, U. S. Fish & Wildlife Service
- 2) Discussion of the Recreational Fishing License Bill
- 3) Discussion of reaction to the previous resolution on licensing anglers.

The status of the Dingell-Johnson bill was reviewed, with a favorable outlook for passage. The minutes of the Fall Meeting in Key West were reviewed and approved.

F. Deegen called for reports of new developments by members of the Committee.

W. Tatum, Alabama Department of Conservation and Natural Resources, discussed possible siting of another rig offshore. Alabama is trying to develop permitting procedures with Florida for both offshore and nearshore facilities. Alabama is not presently enthusiastic about vessel permits, although a bill has been introduced in the state legislature (no action is expected on it). Sport status for red drum and seatrout is expected within a year in Alabama, preferably through legislative action rather than regulatory. Responses to questions included notations that Alabama is the party responsible for maintaining a siting buoy installed by Florida off the Florida/Alabama coastlines and all use of such sites is recreational.

J. Barrett, Florida Department of Natural Resources and H. Schafer, Louisiana Department of Wildlife and Fisheries, were not present.

R. Herring, Mississippi Bureau of Marine Resources, discussed pending legislation which will allow the Bureau to research fish rodeo records and permit validation of new records. Within two weeks, new shell recreational reefs will be started. In January, four public hearings were held on saltwater recreational fishing licenses, with opinion opposing a license approximately equal to those not opposing

RECREATIONAL FISHERIES COMMITTEE

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(the report did not progress to the legislature) as it was killed early in subcommittee meetings. Responses to questions included notation that pending action on licensing anglers is questionable because of biased audiences; and the need for written proposals for such hearings. Mississippi is interested in offshore fishing rigs, but maintenance responsibility is a problem. Mississippi would probably not be receptive to using disputed OCS inshore enclaves. W. Tatum noted that in Alabama, the federal referee has ruled that the enclaves be returned back to the state.

G. Saul, Texas Parks and Wildlife Department, discussed Texas' opposition to the reef fish plan with respect to size limits on red snapper (a one-year delay has been recommended by the Council, pending review of studies). Texas Parks and Wildlife Department now has full regulatory authority over crabs and finfish, and limited authority over oysters and shrimp, and can now respond quickly to changing conditions. Regulatory measures are currently being revised. G. Saul presented a slide show and results of impact assessment activities associated with the December 1983 freeze and fish kill in Texas. The impact is believed severe along the entire coast, possibly greater than in 1950-1951 and 1961-1962. New regulations have been imposed on fishermen and include increased size limits and reduced bag and possession limits for spotted seatrout and red drum in Texas. Estimates of damage include: more than 15 million organisms killed, half of them important forage fishers, plus 500,000 penaeid shrimp, and 300,000 blue crabs.

G. Saul also noted that the Gulf Coast Conservation Association has constructed a saltwater hatchery and stocked two Texas bay systems with approximately 7½ million red drum fingerlings in 1983, with additional stocking anticipated this year to include snook and spotted seatrout as well as red drum.

RECREATIONAL FISHERIES COMMITTEE
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Responses to questions included notations that data from creel surveys during the recent fish kill are just coming in, and it is anticipated that the kill will impact spawning in the area; reliable data from past kills are not available. A return to normal for seatrout is expected to take at least two years. Although no dollar estimate on freeze loss is available, the cost of assessment was not very high due to the use of existing personnel and the cooperation of the Environmental Protection Agency. Species appearing to escape damage include flounders and hardhead catfish.

D. Duden, Florida Department of Natural Resources, discussed the state's reef program, noting that no money is presently available, although the governor has submitted a recommendation of \$350,000 for reefs next year. The state has established a new Marine Fisheries Commission, composed of seven appointees, to regulate most fisheries' matters previously handled by the legislature (licenses, taxes, penalties and gear regulations will still be regulated by the legislature). The Commission has its own Executive Director and attorney, conducts public hearings, and has its recommendations approved or disapproved by the governor and his cabinet.

Responses to questions included notations that the Florida Department of Natural Resources will perform the biological work needed by the state or can contract it. The Marine Patrol will continue to enforce fisheries regulations. Vendors of commercial fishery products in Florida must have a license (in-state fee: \$25.00) and can sell only to wholesale dealers. A total of 18,000 licenses is expected to be sold, with one-third of the license income targeted for the marine statistics program, including recreational statistics. A variety of mechanisms exists for meshing cooperation between FDNR and the Florida Marine Fisheries Commission, and gear regulations are still controlled by the legislature because of political considerations.

V. Reggio, Minerals Management Service, discussed the Rigs-to-Reefs Information Transfer Meeting, noting the establishment of environmental studies programs for OCS activities and an effort for constructive input and wider public interest. V. Reggio distributed Minerals Management Service Information Kits, containing information on 300 platforms surveyed for recreational fishing patterns. V. Reggio introduced L. Burton of the Sport Fishing Institute, who described the SFI Information Repository, the reef profile data base, economic liability studies, and the SFI "How To" guide. V. Reggio stated that the National Reef Task Force of the MMS is presently in limbo. Under existing regulations, rigs do not have to be removed if they can be used for artificial reefs under certain criteria. The MMS has developed marine recreational fishing maps. Proposed regulations and interpretive rules should be in the Federal Register next month.

V. Reggio presented information on the disposition of non-productive rigs in the Gulf, noting that the Department of Defense wishes them all removed, against the wishes of many recreational fishing groups. A plan was submitted by V. Reggio for U.S. Navy platforms off Florida, which are presently scheduled for demolition, for before-and-after studies of fishing values.

V. Reggio introduced a resolution calling for the study. F. Deegen requested the opinions of the Committee. These included requests for more information on the proposal, a reference to the researchers responsible for the project, the Navy's and Department of Defense's attitudes, the availability of other rigs in the region, the time frame available for the project, the validity of the proposed methodology, the feasibility for securing funding, similar research elsewhere, and MMS attitude toward the project.

The Committee agreed by consensus that the proposed resolution had merit, but needed to be rephrased as a general recommendation rather than specifically targeted toward the Navy platforms. V. Reggio and R. Schmied of the National Marine Fisheries Service were requested to redraft the document within the following half-hour.

F. Deegen recessed the meeting for 10 minutes.

After reconvening the meeting, F. Deegen called for new business.

E. Crateau of the U.S. Fish and Wildlife Service presented a slide show of striped bass in the Apalachicola River, noting the progress of the project which began in 1980, and the decline of stocks in the area as a result of dam construction at Lake Seminole. Brood stock is currently maintained at several hatcheries, with requests for 1½ million fingerlings. Fingerlings have been stocked at Lewis Smith Reservoir and in the Pascagoula River, with some natural reproduction now occurring. The advantages of the Gulf race specimens were discussed, as well as differences between this population and the Atlantic race.

Responses to questions included notations of stocking hybrids (white bass x striped bass); use of Floy and metal jaw tags and radiotelemetry to ascertain fish movements; reduction of transport stress on stripped and/or tagged fish. The use of surgical staples for abdominally-tagged fish was suggested by M. Ferguson, Texas Parks and Wildlife Department.

V. Reggio and R. Schmied returned with the revised resolution on scientific study of offshore rigs for comparative fisheries values. F. Deegen called for action on the proposal. V. Reggio moved to have the resolution accepted for consideration by the GSMFC Executive Board. The motion was seconded.

Discussion of the resolution followed, with notations of amendments and improvements. The question was called. The motion passed (resolution attached).

R. Schmied presented a report on the Artificial Reef Symposium, noting that there was little discussion of legal, social, or economic issues. The most interesting reports were, in R. Schmied's opinion, those of Japan and Taiwan, whose reef work differs from that of the U.S. by focusing on entire reef complexes rather than the discrete reef structures studied by the U.S. The Japanese government has invested \$30 million on reef research and development, with private companies

RECREATIONAL FISHERIES COMMITTEE
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involved in the development. R. Schmied called for the U.S. to focus on such complexes to increase the number of "reef units". Proceedings of the symposium will be available soon and may be obtained from R. Schmied.

Responses to questions included notation of Asian reef use by pelagics in addition of the more prevalent benthic organisms, and speculation about Texas identifying rigs as units of harvest. Comment was made on Alabama's valuable reef complex as opposed to single reefs.

R. Schmied presented information on the upcoming World Angling Conference, September 13-18, 1984 in France, sponsored by the International Game Fish Association. He noted the opportunity for valuable contributions at this conference and will send out further information as it becomes available. He also announced the National Recreational Fisheries Symposium in Virginia Beach, April 24-25, 1984. The topic is "Sport Fisheries Development for Salt Water".

R. Schmied reported that the Key West resolution on rig siting has been developed. Consensus is needed on unacceptable areas (known hangs, snags, restricted zones, etc.) and major demand areas. Negotiations are underway with the Sport Fishing Institute to develop a siting plan, with anticipated completion by September-October. Negotiations are also underway to get S-K funds through Mississippi-Alabama Sea Grant for developing the site plan. V. Reggio noted that Minerals Management Service has much information needed on hangs, snags, etc.

Responses to questions included notations that SFI will be collecting the data rather than Sea Grant, under FY 84 funds.

R. Schmied also noted that efforts to develop permitting for reefs will be brought into effect on specific criteria for permits. Presently, this is done only for Florida and the Caribbean, but it is hopeful that it can be expanded across the Gulf.

R. Schmied discussed H.R. 4778, providing for state licensing of marine recreational fishermen. He noted that some changes have been made from the first version on areas included and disposition of

RECREATIONAL FISHERIES COMMITTEE
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collected fees. Responding to a question, he noted that the fee is now up to \$15.00 but is negotiable, based on what states will charge. If a state has no charge, a charge up to \$15.00 can be charged. Copies of H.R. 4778 were distributed to participants at the meeting.

V. Reggio requested a list of Committee members and their addresses.

G. Saul requested information on sail-line gear being used in other states. In response to a question, he explained its construction and use. R. Herring noted that it appears to be legal in Mississippi, but certain regulations may apply. W. Tatum noted that in Alabama, it is not specifically excluded, so is probably legal. D. Duden noted that it can be used in Florida.

L. Burke noted that the Artificial Reef Development Center is maintaining an exigency list for connecting users and information, and is also developing newsletters.

There being no further business, the meeting adjourned at 4:55 pm.

Respectfully,

Fred Deegen, Chairman
Recreational Fisheries Committee

RECREATIONAL FISHERIES COMMITTEE

Tuesday, March 13, 1984

Biloxi, Mississippi

LIST OF ATTENDEES

Fred Deegen	MS Bureau of Marine Resources, Long Beach, MS
Ed Crateau	U. S. Fish & Wildlife Service, Panama City, FL
Ron Schmied	NMFS, St. Petersburg, FL
Lynne Burke	Sport Fishing Institute, Washington, D.C.
Villere C. Reggio, Jr.	MMS, Metairie, LA
Jerry Brashier	MMS, Metairie, LA
Ron Herring	MS Bureau of Marine Resources, Long Beach, MS
Ronald Rinaldo	NMFS, Washington, D.C.
Gary Saul	Texas Parks and Wildlife Dept., Austin, TX
Walter Tatum	AL Dept. Cons. & Nat. Res., Gulf Shores, AL
Maury Ferguson	Texas Parks and Wildlife Dept., Austin, TX
Leroy Kiffe	GSMFC, Lockport, LA
Skip Lazauski	AL. Dept. Cons. & Nat. Res., Gulf Shores, AL
John Burgbacher	Offshore Operators Committee
Richard Leard	MS Bureau of Marine Resources, Long Beach, MS
Don Duden	FL Dept. Natural Resources, St. Petersburg, FL
John Ray Nelson	Bon Secour Fisheries, Inc., Bon Secour, AL
Larry McEachron	Texas Parks and Wildlife Dept., Austin, TX

GULF STATES MARINE FISHERIES COMMISSION

DRAFT RESOLUTION

Artificial Reef Study Proposal

WHEREAS, the Federal Government; Congress; the States (IAFWA); the OCS Policy Board; the Gulf of Mexico Fishery Management Council; Conservation, Environmental and Fishing Groups; fishermen and others have expressed interest and support for a national artificial reef policy and program, and

WHEREAS, the Gulf States Marine Fisheries Commission has adopted formal resolutions supporting the development of a National Artificial Reef Policy and a Gulf of Mexico Artificial Reef Plan, and

WHEREAS, the Sport Fishing Institute has established an Artificial Reef Development Center which is to serve as a national repository of artificial reef information and utility; and

WHEREAS, the oil and gas industry removes reefs on a continuing basis, and

WHEREAS, a major issue in the Department of the Interior's Rigs-to-Reefs Program proposal is the relative value of leaving structures in place or laying them on their sides, and

WHEREAS, all Gulf states may be afforded the opportunity to support adoption of obsolete defacto platform reefs as emergent high profile or dismantled bottom reefs should a rigs-to-reefs program move forward,

NOW, THEREFORE BE IT RESOLVED, that the Gulf States Marine Fisheries Commission, assembled in regular semi-annual meeting this 14th day of March, 1984, at Biloxi, MS, herewith urges the Minerals Management Service, and the National Marine Fisheries Service to work with the National Reefs Task Force, U.S. Army Corps of Engineers, all the Gulf states, the Sports Fishing Institute, the Gulf of Mexico Fishery Management Council, the American Fisheries Society and others to formulate and consider for funding research proposals to compare the relative fisheries values of: 1) offshore structures during operations; 2) offshore structures after abandonment in place; 3) offshore structures dismantled on-site as a benthic reef; and 4) a site from which an offshore structure has been removed.

TCC STATISTICAL SUBCOMMITTEE
MINUTES
Tuesday, March 13, 1984
Biloxi, Mississippi

Mr. Claude Boudreaux, Chairman, presiding. The meeting was called to order at 9:10 am.

The Subcommittee agreed by consensus that the discussion for electing a new chairman and vice-chairman be delayed until the October meeting. With no further discussion, the agenda was adopted as presented.

Minutes of the October meeting in Key West, Florida were adopted without modification. The Chairman reported that minutes of the February, Atlanta Workshop are still in the process of being prepared and will be completed at a later date.

M. Ferguson (proxy for Al Green) distributed copies of a draft entitled "Draft of Goal and Objectives for TCC Statistical Subcommittee". The floor was opened, by the Chairman, for discussion of the draft. The goal and each individual objective were discussed in detail. Following input of each member state, the Goal was revised to include survey design, data collection, data processing, and data analysis. Objectives 1 and 2 were revised, and the Subcommittee agreed that objectives 3 and 4 should not be altered. (Final draft attached).

C. Boudreaux stated that the Subcommittee will report semi-annually on all activities to the TCC. A detailed report will be given once a year in October on Cooperative Agreements. There being no other changes, C. Boudreaux motioned to submit the final draft to the Technical Coordinating Committee on March 14. The motion carried.

Subcommittee members gave a briefing of their state's Cooperative Agreement Statements. Florida has been working on the development of their agreement that will become effective April, 1984. The agreements that have been completed in the Gulf Region are for Alabama, Mississippi and Florida. These agreements have been submitted to the state's administrative personnel for processing. Approval is expected by April 1 or shortly thereafter. A provision has also been provided for the collection of biological samples and biostatistical data which is a new addition on the agreement. Texas is looking forward to its first agreement.

TCC STATISTICAL SUBCOMMITTEE
MINUTES
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F. Deegen reported that Mississippi has completed Segment 1 of the Cooperative Agreement. The addition of two new job positions will assist in conducting interviews to determine size frequency data on coastal pelagics and reef fish, and to determine size frequency for estuarine species (300 species of each). Alabama reported on commercial statistics and bioprofile.

C. Boudreaux briefed the Subcommittee on Louisiana. Their plans are for work on catch and effort data from landings of the inshore Louisiana shrimp fishery. Louisiana will also work with either black drum or mullet, possibly both, gathering length, weight and catch data. G. Bane stated that Louisiana is making plans for a trip to Mexico in April to instruct Mexico's fisheries people on how to tag mackerel.

A. Jones indicated that the Operations Plan is already undergoing review and changes. The Plan will be reviewed after 4-5 months of field operations. During the Atlanta Workshop discussion, it was brought out that an inventory of data files, including hardware should be initiated. C. Boudreaux appointed S. Lazauski to draft a suitable form which the states and NMFS could use to describe the computer hardware they use in their statistical programs, and the nature and format of computerized files pertaining to commercial fishery dependent statistical data.

The next TCC Statistical Subcommittee Workshop will be held in Austin, TX on May 14 - 15. During the Austin Workshop, the Subcommittee will address S. Lazauski's computer form, and a proposal by Texas that a workshop will be held in the future addressing the "Reliability of Statistics Data Gathered by Voluntary Means". The American Fisheries Society is holding a workshop in August to address the reliability of volunteered data.

There being no other business, the meeting was adjourned at 11:40 am.

Respectfully submitted,

Claude Boudreaux, Chairman
TCC Statistical Subcommittee

TCC STATISTICAL SUBCOMMITTEE
Tuesday, March 13, 1984
Biloxi, Mississippi

LIST OF ATTENDEES

Claude Boudreaux	LDWF, Baton Rouge, LA
Frederick Deegen	BMR, Long Beach, MS
Maury Ferguson	TPWD, Austin, TX
Albert Jones	NMFS, Miami, FL
Skip Lazauski	ADCNR, Dauphin Island, AL
B.G. Thompson	NMFS, Washington, D.C.
Gil Bane	LSU, Baton Rouge, LA
Charles Legion	TPWD, Austin, TX
Tom Dawley	NMFS, New Orleans, LA
Mary Crosby	GSMFC, Ocean Springs, MS

DRAFT OF GOAL AND OBJECTIVES

FOR

TCC STATISTICAL SUBCOMMITTEE

Goal: To coordinate state/federal fishery dependent statistical data management activities in the Gulf of Mexico, including survey design, data collection, data processing, and data analysis.

Objectives:

to review data management procedures and to develop recommendations for consistency and compatibility;

to identify the relative importance of new data management issues and to develop recommendations;

to provide a forum for the discussion of data management issues and,

to report annually to the Technical Coordinating Committee on the status of state/federal statistical cooperative agreements and all other activities of this subcommittee.

GULF STATE-FEDERAL FISHERIES
MANAGEMENT BOARD
MINUTES

Wednesday, March 14, 1984
Biloxi, Mississippi

Chairman I.B. "Buck" Byrd called the meeting to order at 11:00 am.
The following proxies were seated:

Hugh Swingle	proxy	John Hodnett
J.Y. Christmas	proxy	Ted Millette
Don Duden	proxy	Elton Gissendanner
Ted Ford	proxy	J. Burton Angelle
Richard Leard	proxy	Lon Strong
Robert Jones	proxy	Sam Mitchell
Robert Kemp	proxy	Charles Travis
Harry Schafer	proxy	Sam Theriot

L. Wieting motioned to seat the proxies. Seconded by H. Swingle, the motion carried.

L. Wieting made his resignation known to the Commission and Board, effective March 31. He said it had been his pleasure to serve on this Board and the Commission for some 11 years. He will be doing consulting work in the Austin area. S. Theriot made known his resignation to the Commission and Board effective immediately after the Spring Meeting. He too expressed his pleasure at having served on the Commission and Board; however, his new legislative assignments will not permit the participation he feels is necessary to be a Commissioner. He indicated his replacement had not been named as yet, but would be forthcoming.

L. Simpson gave the status report on all FY 83 activities. He noted that all objectives, responsibilities and completion reports have been approved and submitted to the National Marine Fisheries Service, Southeast Region Office. A financial statement breaking down all expenses was provided. A copy of the SEAMAP Operations Plan was distributed to the Board for review as a result of FY 1983 efforts.

D. Berry, Chairman of the Menhaden Advisory Committee, reported on their meeting. He reported that B. Chapoton, of the National Marine Fisheries Service's Beaufort Laboratory, briefed the Committee on the 1983 season and expectations for 1984. He noted the purse seine landings in 1983 amounted to 923,000 metric tons (new record). That was 8% greater than the old record year (1982) of 854,000 metric tons. Mississippi landings were 18% of the total and Louisiana made up essentially the other 82%.

There should be about 81 vessels fishing in 1984 and Bob predicted approximately 820,000 metric tons as the catch.

The 1983 Captains' Daily Fishing Reports are 65% complete. With hope they will be complete by April.

M. Smith, Department of Energy (DOE), gave the Committee an update on the Brine disposal projects at Big Hill, Texas and West Hackberry, Louisiana. She described the dome leaching, plume discharge and environmental impact of the brine discharge. DOE feels that there has been no adverse effect on the environment.

David Etzold reported on a proposed data gathering and storage mechanism for future menhaden plan updates. Several approaches were discussed and this item will be carried over to the next meeting.

R. Condrey requested, and was granted, permission to utilize the Captains' Daily Fishing Reports for 1979-80 for his work on a scientific project. This permission was contingent on working out the problems with confidentiality. His report was accepted by the Board by consensus.

The SEAMAP Subcommittee activities were reviewed by W. Tatum, Chairman. He submitted the Operations Plan to the Board for approval. A motion was made by H. Swingle and seconded by T. Harper to approve the Operations Plan. The motion carried.

The Crab Subcommittee reported to the Board indicating they were looking forward to a Gulf-wide tagging project and expanded work with stone crabs.

C. Boudreaux, Chairman of the Statistical Subcommittee, reported that the \$6K the Board allotted for their use will be used to support 2 workshops. These have served as excellent mechanisms to exchange procedures used by State and Federal governments in data gathering. The Atlanta Workshop helped the States by using the North Carolina program in existence from the mid-70's as a model. Many problems that would have been experienced by the other States in the start-up of the S/F Statistical program have been avoided. The next workshop will be in

Austin. The Subcommittee's goal and objectives were approved by the Technical Coordinating Committee. The Board accepted the report by consensus.

The Shrimp Committee reported that the shrimp tagging research project in South Texas, recommended by the Board, will probably be funded by National Marine Fisheries Service in FY 1985.

The 1984 Data Accumulation, Planning and Administration for Interjurisdictional Management Contract was reported on by Larry Simpson. All objectives and responsibilities are being accomplished. Quarterly reports are being sent to the Southeast Region Office. An Amendment to the 1984 contract was submitted which deals with the expenses of the new SEAMAP Coordinator - Nikki Bane.

B. Byrd strongly encouraged the Board and the Technical Coordinating Committee to submit their projects and priorities for FY 85 by July 15th of this year. Based on current information, he could only anticipate a total of \$41.5K for Board activities in FY 1985, plus whatever additional funds that may be available from the NMFS Southeast Center to support SEAMAP. This assumes no year-end money or no FY 1985 add-ons.

In light of the new work initiated by the Striped Bass Subcommittee and the fishery being transboundary (i.e. State-to-State and State-to-Federal) in nature, the Board incorporated Striped Bass as one of the species of interest to it. A motion was made by H. Swingle and Seconded by T. Harper. The motion was carried. Funds could be expended to address problems with this species on a priority selection basis among other S/F research needs.

The meeting adjourned at 12:00 noon.

Respectfully submitted,

I.B. "Buck" Byrd
Chairman

GULF STATE-FEDERAL FISHERIES MANAGEMENT BOARD
Wednesday, March 14, 1984
Biloxi, Mississippi

LIST OF ATTENDEES

Larry Simpson	GSMFC, Ocean Springs, MS
Hugh Swingle	AL Dept.of Cons.& Nat. Resources, Dauphin Island, AL
J.Y. Christmas	Gulf Coast Research Laboratory, Ocean Springs, MS
Don Duden	FL Dept. of Natural Resources, Tallahassee, FL
Leroy Wieting	Texas House of Representatives, Portland, TX
Harry Schafer	LA Dept. of Wildlife and Fisheries, Baton Rouge, LA
Corky Perret	LA Dept. of Wildlife and Fisheries, Baton Rouge, LA
Ted Ford	LA Dept. of Wildlife and Fisheries, Baton Rouge, LA
Leroy Kiffe	GSMFC, Lockport, LA
John Ray Nelson	Bon Secour Fisheries, Inc., Bon Secour, AL
Richard Leard	Bureau of Marine Resources, Long Beach, MS
Robert P. Jones	Southeastern Fisheries Association, Tallahassee, FL
Robert J. Kemp	Texas Parks and Wildlife Dept., Austin, TX
Taylor Harper	Alabama House of Representatives, Grand Bay, AL
I.B. Byrd	NMFS, St. Petersburg, FL
Charles H. Lyles	Ocean Springs, MS
Dalton Berry	Petrou Fisheries, Empire, LA
David J. Etzold	University of Southern Mississippi, Hattiesburg, MS
Walter M. Tatum	AL Dept.of Cons.& Nat. Resources, Gulf Shores, AL
Claude Boudreaux	LA Dept. of Wildlife and Fisheries, Baton Rouge, LA
Richard Condrey	Louisiana State University, Baton Rouge, LA
Borden Wallace	Wallace Menhaden Products, Mandeville, LA
Ed Crateau	U.S. Fish and Wildlife Service, Panama City, FL
Jerry Brashier	Minerals Management Service, Metairie, LA
Villere Reggio	Minerals Management Service, Metairie, LA
Fred Deegen	Bureau of Marine Resources, Long Beach, MS
Gary Saul	Texas Parks and Wildlife Dept., Austin, TX
Ronald Kilgen	Nicholls State University, Thibodaux, LA
Catherine Campbell	Gulf Coast Research Laboratory, Ocean Springs, MS

TECHNICAL COORDINATING COMMITTEE
MINUTES
Wednesday, March 14, 1984
Biloxi, Mississippi

Ted Ford, Chairman of the TCC, called the meeting to order at 9:05 am.

T. Ford proposed an amended agenda to include the first presentation by P. Hammerschmidt. A motion was made to adopt the agenda as amended. The motion was seconded and passed.

1. P. Hammerschmidt reported on the activities of the Crab Subcommittee. He discussed the Committee's March 12, 1984 meeting, noting a presentation on the effects of the December 1983 freeze on crabs, with Texas the only Gulf state undertaking intensive impact studies.

P. Hammerschmidt discussed H. Perry's recent participation in the national meeting, noting their recommended health standards for pasteurized crabs; the interest in harvesting Geryon, deep-water crabs, which Florida is currently harvesting; the status of the Blue Crab Fishery Profile, which will be ready in October; the Gulf Coast Research Laboratory Workshop to identify larval portunid crabs; and the Gulf tagging study, focusing on Florida blue crabs, which will investigate long-range and interstate migrations, the shift of harvest to new areas, changes in fishing pressure that contribute to harvest changes, and the decline of stone crab harvests in Florida.

P. Hammerschmidt presented the Committee's recommendation that a cooperative interstate tagging study of crabs be conducted, possibly under the SEAMAP Program, with representatives from the Committee to meet with the SEAMAP Subcommittee in October.

Responses to questions included notation that the large number of crabbing boats may eliminate crab populations and should mandate a cautious approach to harvesting.

TCC members discussed the advantages and appropriateness, including the crab tagging study, in the SEAMAP Program. C. Bryan noted that no funding is presently available for such a study within the SEAMAP Program; T. Ford felt that the preferred funding mechanism would

be to establish such a work group and then secure funding.

P. Hammerschmidt noted that the Crab Committee is also experiencing difficulty in securing funding and felt it is more cost-effective to meet in conjunction with the SEAMAP Subcommittee in October.

A. Huff noted that the SEAMAP Program consists of fishery-independent activities and that any studies should follow the SEAMAP Operations Plan and be as fishery-independent* as possible. W. Tatum noted that the tagging aspects must be separate from analysis aspects.

2. D. Etzold presented a report on the control of freshwater discharge into Louisiana and Mississippi estuarine areas. Photos of the three sites were offered and progress in each area discussed:

- a) At the Davis Pond site, a letter of intent has been secured from the State. Approval is expected in late 1984, with the site operational in late 1989. It can be constructed under Congressional authorization enacted in 1965.
- b) At the Caernarvon site, advanced engineering studies and surveys have been performed, with no major problems indicated. Monitoring is expected by late fall, 1984, with water flow in 1988. Congressional authorization was enacted in 1965.
- c) At the Bonnet Carre site, letters of intent from Louisiana and Mississippi have been secured. The proposed study is projected to be completed in six years, with water flow expected by 1995 and possibly as early as 1991.

T. Ford commented on the projects, noting that state funds of \$500,000 are required for hurricane protection levees associated with the Davis Pond site. T. Ford also noted that the Bonnet Carre site will

*Fishery-independent (as used here) is defined as data which are collected without direct reliance on statistics reported by commercial or recreational fishermen.

Fishery-dependent (as used here) is defined as data which are collected directly from commercial or recreational fishermen.

TECHNICAL COORDINATING COMMITTEE
MINUTES
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require \$14 million and has encountered some opposition from commercial fishermen who fear a displacement of existing fisheries in Lake Pontchartrain to Lake Borgne and Western Mississippi Sound.

3. W. Tatum presented a report on the SEAMAP Subcommittee. He commended the efforts of the Subcommittee members and reported on activities since the October GSMFC meeting.

Two SEAMAP Subcommittee meetings have been held since October, with meetings of the Red Drum Work Group in March and the Shrimp/Groundfish Work Group in January.

W. Tatum noted administrative changes: he has been re-elected as Chairman of the Subcommittee, with G. Matlock as Vice-Chairman. J. Gartner, of the Florida Department of Natural Resources, has been appointed as Curator of the SEAMAP Archiving Center, and the 1982 specimens have been moved from the NMFS Miami Lab to the Florida DNR Lab in St. Petersburg. Additionally, N. Bane of LSU has been appointed as SEAMAP Coordinator, with LSU providing partial funds for the position. P. Thompson was presented with and accepted a resolution of appreciation from the TCC for his outstanding contribution to the success of the SEAMAP Program.

W. Tatum presented a summary of SEAMAP survey activities. The fall/winter plankton survey was conducted by Louisiana, Mississippi and NMFS. Four seasonal ichthyoplankton surveys were recommended by the Subcommittee to satisfy the request of the Council for king mackerel larvae surveys, and will also look for red drum larvae in August. The Subcommittee also recommended piggy-backing environmental data sampling on other SEAMAP surveys, and revised the sampling regime and schedule.

A summary of the shrimp/groundfish survey plans was presented, with recommendations to reduce the sampling effort. S. Nichols has analyzed the sampling and decreased the sampling effort without reducing the precision of the surveys. This year, sampling will be done both east and west of the Mississippi River Delta, with replicates, and compared for efficiency. S. Nichols was appointed to the Shrimp/Groundfish Work

Group. W. Tatum presented the TCC with a problem that needs resolution: the dissemination of real-time data from the shrimp-groundfish surveys has come under criticism; the Subcommittee recommends that the TCC determine policy on disseminating the data.

W. Tatum also discussed the March 12 Red Drum Workshop, chaired by T. McIlwain, and the results of an earlier meeting in January, in which the Red Drum Work Group decided to examine electrophoresis as a method to identify offshore stocks. Results of the March workshop included recommendations to also examine high power liquid chromatography at LSU as an alternate and cost-effective method of stock identification through genetic marking. The work group will meet to establish collecting procedures if the biochemical techniques prove feasible.

W. Tatum noted that A. Kemmerer of NMFS discussed a National Oceanic Survey sediment and finfish sampling program to be coordinated by SEAMAP this summer, with B. Barrett, D. Waller and A. Huff assisting in the project development.

The data management effort was described by W. Tatum as currently very busy. A loan form has been developed for users and much survey data are currently available. Additionally, the SEAMAP Specimen Archiving Center is operational, and loan forms have been developed to aid in avoiding problems arising during specimen loan.

W. Tatum reviewed the SEAMAP publications: the Operations Plan has been completed and is available; TCC approval is requested. Additionally, an Executive Summary of the Operations Plan has been prepared; a 1984 Marine Directory has been updated from last year; a 1982 SEAMAP Survey Atlas is being completed; the Gear Workshop proceedings should be available by July; and a paper on potential problems impacting the implementation of SEAMAP was prepared by H. Howse. W. Tatum also presented the Subcommittee's financial statement.

T. Ford pointed out two points requiring attention by the TCC. With respect to the Operations Plan, it was noted that the GSFFMB has received copies of the Plan. T. Ford called for a resolution of document acceptance. T. McIlwain moved to accept the Operations Plan; the motion was seconded by H. Swingle and passed.

TECHNICAL COORDINATING COMMITTEE
MINUTES
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The TCC discussed the dissemination of real-time data. T. Ford reviewed the situation, noting accusations that the practice tends to concentrate the shrimp fleet in certain areas. Alternatives included distributing the data only to management agencies for their preferred re-distribution, or mailing up to 100 copies, which funds presently can accommodate by SEAMAP. It was noted that 175 parties received data last year.

W. Tatum moved to refer action on the dissemination of real-time data to the Commissioners for resolution. H. Swingle seconded the motion, and discussion of the motion followed. The motion was called for and passed.

4. The TCC was advised that G. Matlock of Texas would replace T. Moore on the TCC. The action was accepted by the TCC.

5. C. Boudreaux presented the report of the Statistical Subcommittee. He noted that the group has met twice since October, once with the Gulf of Mexico Fishery Management Council meeting, and in February, as part of a state/federal statistical workshop held in Atlanta, GA, during which the North Carolina statistical program was described and problems with its goals and objectives noted. C. Boudreaux also discussed the NMFS draft operations manual for creel surveys and sampling. Its objectives are to maintain files, obtain frequencies, obtain information on species composition and obtain samples of effort. The deficiencies of the program were noted; NMFS will distribute a revised manual.

C. Boudreaux also discussed the results of the Subcommittee's March 13 meeting, and noted that plans for the workshop on May 14-15 in Austin, TX have been finalized. He also discussed the 1984 cooperative agreements and the 1985 recreational survey, noting that NMFS will supply information to the states by July 1.

The Subcommittee also developed goals and objectives for future activities, and C. Boudreaux distributed a draft form developed by the Subcommittee for surveying computer types and data.

The TCC discussed the methodology for survey sampling, noting the use of trips as a basic measure of effort, the use of probability versus random selection of individuals for sampling and the Subcommittee's proposed goals and objectives. C. Boudreaux pointed out that the Subcommittee is trying to avoid SEAMAP fishery-independent activities by focusing on fishery-dependent data; discussion followed on the advisability of this focus, with TCC consensus that the Statistical Subcommittee should continue to focus on fishery-dependent activities.

6. T. Ford distributed information on the Louisiana Finfish Task Force, describing the composition of the group and its function of representing fisheries status and progress, and identifying problems.

7. T. Ford interrupted the meeting to notify participants of the untimely death of Mr. Ernest Demarest of New Orleans, father of Mr. Roy Demarest. Contributions may be made in Mr. Demarest's name to the Heart Fund, and may be given to the GSMFC staff for transmittal.

L. Nicholson presented the report of the Anadromous Fish Subcommittee, noting the appointment of the following members: I.B. "Buck" Byrd (NMFS), Ed Crateau (USFWS), Alan Huff (FDNR), Vernon Minton (ADCNR), Larry Nicholson (GCRL), Gary Saul (TPWD) and Arthur Williams (LDWF). L. Nicholson reviewed proceedings of the Subcommittee's initial meeting, noting five major goals:

- a) A striped bass management plan.
- b) Possible management plans for other anadromous species.
- c) Intent to develop a profile of striped bass stocks, coordinated with freshwater stocks documentation.
- d) A July 16 meeting to develop the management plan.
- e) Provision of Subcommittee funding, at the discretion of the TCC.

T. Ford noted the need for procedures that will permit the Subcommittee to access interjurisdictional fisheries funding. W. Tatum suggested efforts to secure funds from the U.S. Fish and Wildlife Service; T. Ford noted that the matter may come up in the Executive Session.

8. C. Perret reviewed the status of the Red Drum Profile, subsequent to an announcement by T. Ford that C. Perret has replaced him as Assistant Secretary, Office of Coastal & Marine Resources, LDWF. C. Perret noted that the GSMFC had prepared the 1980 profile, copies of which are still available. The draft of the current profile has been distributed. In 1981, the Gulf of Mexico Fishery Management Council brought purse seine owners together for the Council to learn of the red drum catches associated with the blue runner fishery. The Council requested the Commission to jointly update the profile with each Gulf state participating in a task force. Later it would decide whether to produce a management plan. The document was submitted for Commission review. The Council's position is that, since so little harvest of red drum is available in the FCZ, no management plan is necessary at this time. C. Perret proposed to have the profile accepted as received.

A. Huff noted that although the profile was reviewed in Florida, there were recommendations on the west Florida Coast for regulations on the age (size) of red drum and concern for the effects of size limitation on recruitment to the offshore fishery of other year-classes. Mr. Simpson noted that there is also very heavy fishing pressure for red drum off Texas.

H. Swingle moved to have the Red Drum Profile accepted by the TCC and refer it to the Commission at its executive meeting for acceptance. The motion was seconded by A. Huff and passed unanimously. T. Ford noted that most of the funds allocated for the project covered travel costs, with most other costs covered by the states; actual costs may appear small but represent very sizable cooperative contributions.

9. E. Klima reported the proceedings of the March 12-13 Shrimp/Groundfish Workshop, and noted its purpose was primarily to define working goals and objectives. He noted that eight papers were presented by industry, the Council, states and scientists and will form the basis for the goals and objectives. The themes of the workshop were the quantitative value of the habitats and their functional relationships to species, and the impact of man on these habitats. E. Klima discussed several problems associated with this theme, including: increased use of coastal zone areas; the functional relationships of offshore, estuarine and onshore habitats to fishery resource organisms; identification of natural and manmade impacts; and identification of factors that affect resource mortality. He further noted that the goals and objectives of this workshop will be synthesized and submitted later to the TCC and the Commission.

10. B. Byrd reviewed proceedings of the Grant-in-Aid Workshop. He commended the outstanding state-Federal partnership in the Southeast region, and noted progress in cooperative programs forming the backbone of SERO programs:

- a) The Commercial Fisheries Research & Development Act P.L. 88-309
- b) The Anadromous Fish Act P.L. 89-304
- c) The Regional Cooperative Statistics Program
- d) The Council Liaison Program
- e) The State-Federal Board Activities.

In addition, 2.5 million dollars was made available this year to the states for oyster rehabilitation after spring flooding.

B. Byrd noted an increased time and effort approach and review, due to the 82 days required to process even the simplest documents, as opposed to the four days required in 1981. He reviewed the requirements of other federal offices to review proposals for work content, duplication, technical correctness and existence of outstanding audits.

He stated that although there have never been problems with audits in the past 18 years, the new process must still be followed. He reviewed the 18 steps comprising the process, and advised that a six-month lead time is required for proposals and agreements.

T. Ford noted that in the past, correspondence to the Secretary of Commerce about this lengthy procedure have fallen on deaf ears. Letters are needed also to our Congressional delegations about this problem, which threatens programmatic approaches. B. Byrd noted that there is a similar problem in some states, which may have to furlough needed personnel because of this long time lag.

Louisiana State Representative S. Theriot notified the TCC that he would, as a last act as a Commissioner, attempt to pass a legislative resolution to solve the problem of the lengthy federal processing time. T. Ford noted that the TCC would prepare such a resolution for S. Theriot.

11. W. Tatum raised the issue of the TCC as a forum for providing technical guidance to the states for sound, cost-effective methods of data on the status of stocks, and felt the TCC should address this issue. H. Swingle noted that this is a SEAMAP issue.

12. T. Ford announced that there would be an Executive Session following adjournment of the TCC meeting in Room 196 (Ramada Inn).

There being no further business, the meeting adjourned at 11:08 am.

Respectfully submitted,

Ted B. Ford, Chairman
Technical Coordinating Committee

TECHNICAL COORDINATING COMMITTEE
Wednesday, March 14, 1984
Biloxi, Mississippi

LIST OF ATTENDEES

Ted B. Ford	LDWF, Baton Rouge, LA
Harry Schafer	LDWF, Baton Rouge, LA
Larry B. Simpson	GSMFC, Ocean Springs, MS
Thomas McIlwain	GCRL, Ocean Springs, MS
Dick Berry	SEFC, Miami, FL
Alan Huff	FDNR, St. Petersburg, FL
C.E. Bryan	TPWD, Austin, TX
Hugh A. Swingle	ADCNR, Dauphin Island, AL
Walter M. Tatum	ADCNR, Dauphin Island, AL
J.Y. Christmas	GCRL, Ocean Springs, MS
Nikki Bane	GSMFC, Ocean Springs, MS
Perry Thompson	NMFS, Pascagoula, MS
Warren Stuntz	NMFS, Pascagoula, MS
Harriet Perry	GCRL, Ocean Springs, MS
Phil Steele	FDNR, St. Petersburg, FL
Paul C. Hammerschmidt	TPWD, Seadrift, TX
Larry C. Nicholson	GCRL, Ocean Springs, MS
Harold D. Howse	GCRL, Ocean Springs, MS
Dick Waller	GCRL, Ocean Springs, MS
I.B. "Buck" Byrd	NMFS, St. Petersburg, FL
Don E. Duden	FDNR, Tallahassee, FL
Robert P. Jones	FDNR, Tallahassee, FL
Andrew J. Kemmerer	NMFS, NSTL, MS
Catherine Campbell	GCRL, Ocean Springs, MS
Corky Perret	LDWF, Baton Rouge, LA
Leroy Kiffe	GSMFC, Lockport, LA
Jack Styron	Wallace Menhaden, Mandeville, LA
William Lunsford	Zapata-Haynie Corp., Timonium, MD
Ford Cross	Southeast Fisheries Center, Beaufort, NC
Jerry Brashier	Minerals Management Service, Metairie, LA
Leo J. Fisher	NMFS, Washington, D.C.
Ed Klima	NMFS, Galveston, TX
Paul Fulham	NMFS, St. Petersburg, FL
Ron Rinaldo	NMFS, Washington, D.C.
Borden Wallace	Wallace Menhaden, Mandeville, LA
David Etzold	USM, Hattiesburg, MS
Lloyd Regier	NMFS, Charleston, SC
Karen Foote	LDWF, Baton Rouge, LA
Bob Ganczak	LDWF, Baton Rouge, LA
R.B. Chapoton	NMFS, Beaufort, NC
E.J. Levi	NMFS, Beaufort, NC
Joe Angelovic	NMFS, Washington, DC
Walter R. Nelson	NMFS, Pascagoula, MS

EXECUTIVE SESSION

MINUTES

Wednesday, March 14, 1984

Biloxi, Mississippi

Chairman Robert Kemp called the meeting to order at 1:35 pm. The following proxies were seated:

Hugh Swingle	proxy	John Hodnett
Don Duden	proxy	Elton Gissendanner
Robert Jones	proxy	Sam Mitchell
Roger Anderson	proxy	Clyde Richbourg
Ted B. Ford	proxy	J. Burton Angelle
Harry Schafer	proxy	Sam Theriot
Richard Leard	proxy	Lon Strong
J. Y. Christmas	proxy	Ted Millette
Robert Kemp	proxy	Charles Travis
Ralph Rayburn	proxy	Walter Zimmerman

Chairman Kemp read a letter (attached) from Representative Sam Theriot to Larry B. Simpson regarding his personal decision to resign from the Commission effective April 1, 1984. On behalf of the Commissioners, Chairman Kemp expressed appreciation for Representative Theriot's service on the Commission.

The following presentation of the "Charles H. Lyles Award" was made by Chairman Kemp:

At our fall meeting held in Key West, Florida, in October 1983, the Commissioners voted to establish an award that would honor a person or group for outstanding contributions in the field of fisheries for the Gulf of Mexico. The award was named very appropriately "THE CHARLES H. LYLES AWARD" in honor of our retired Executive Director. Charlie has worked in the field of fisheries for over 40 years at state, national and international levels. His work has included various assignments - from Field Statistician to Division Chief of Statistics for the old Bureau of Fisheries (now National Marine Fisheries Service), he has worked in law enforcement, Director of the Mississippi Marine Conservation Commission, and finally Executive Director of the Gulf States Marine Fisheries Commission. Although all of his endeavors in the field of fisheries have been substantial contributions, his efforts on behalf of fisheries in the Gulf of Mexico have benefited the entire industry. He was active in the establishment of the Gulf States Marine Fisheries Commission in 1949; his efforts while Division Chief of Statistics resulted in the production of quality fisheries data; he was instrumental in bringing two research vessels, the OREGON and the ALASKA, to the Gulf coast from the Pacific Northwest. This acquisition led to the establishment of

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research laboratories in Pascagoula, Mississippi, and Galveston, Texas. Charlie is continuing his efforts, on behalf of fisheries in the Gulf of Mexico, in his retirement through his close association with the Louisiana Shrimp Association, Mississippi Coast Fisheries Association, the Texas Shrimp Association and other trade organizations by unifying the various segments of the fishing industry to achieve consensus on relevant issues. It is for these, and many other reasons, that the Commissioners named this award "THE CHARLES H. LYLES AWARD". Charlie, not only did we name the award for you - we unanimously felt that this very first award should appropriately go to you and I am honored to present it.

Mr. Lyles accepted the award and spoke briefly to the Commission. He stated that he believed in the things he has done for enhancing fishery research and for better management and utilization of our fisheries. He assured the Commission that he would continue to assist wherever he could in the betterment of our fishery resources. He expressed his appreciation for the award and stated that his happiest days were with the Commission.

Chairman Kemp also presented Representative Leroy Wieting with a plaque of appreciation for his service and dedication to the Gulf States Marine Fisheries Commission for the period 1973-1984. Representative Wieting will be resigning from the Texas Legislature and the Commission effective April 1, 1984.

R. Leard motioned to adopt the agenda as presented. Seconded by D. Duden, the motion carried.

R. Leard motioned to adopt the October 1983 minutes. Seconded by T. Ford, the motion carried.

R. Rayburn presented his report for the Industry Advisory Committee. The meeting was well attended by industry personnel and among the main topics of discussion was current legislation affecting fisheries. Two representatives from At-Sea Incineration, Inc. (Larry O'Brien and John Sandstedt) attended to explain their company's policies on hazardous waste disposal and to answer questions and to assure industry people of their desire to work within federal guidelines and

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with public approval. Also attending the meeting was Glenn Delaney from the Fisheries and Wildlife Subcommittee of the U.S. House of Representatives. Mr. Delaney discussed current policy and legislation in Washington. R. Rayburn requested that the Commission write to Congressman John Breaux, Chairman of the Fisheries and Wildlife Subcommittee, and thank him for Mr. Delaney's attendance at the meeting.

T. Ford presented his report for the Technical Coordinating Committee. The Committee received reports from the various working subcommittees which included the Crab Subcommittee, SEAMAP Subcommittee, SEAMAP Red Drum Workgroup, Statistical Subcommittee and the newly formed Anadromous Fish Subcommittee. David Etzold updated the Committee on the status of controlled freshwater introduction to the Louisiana marshes. E. Klima reported on the Shrimp and Bottomfish Ecology Workshop held prior to the TCC meeting. He reported that needs and objectives had been identified and that one priority item was the value of habitat as a nursery ground area and also offshore habitat. The TCC had voted to approve the Red Drum Profile published by the Gulf of Mexico Fishery Management Council in cooperation with the Gulf States Marine Fisheries Commission. T. Ford motioned that the Commission accept the Profile. The motion was seconded by R. Jones and carried. B. Byrd briefed the TCC on the Grant-in-Aid Workshop held earlier in the week. Among topics of interest to the TCC was current problems associated with the processing of documents, which formerly took three or four days in the Regional Office and now takes up to 82 days under optimal conditions.

Of particular interest to the TCC was how the SEAMAP Subcommittee should disseminate real-time data. It is currently made available to persons requesting the information through a letter of solicitation from the Commission office. This list of persons requesting the information is updated and revised as necessary. The requests are met as funds are available. Another method might be to make the information available to the GSMFC and the managers of the respective states for their distribution. R. Rayburn expressed a concern over the wide

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dissemination of real-time data creating a problem with pulse fishing in the state of Texas during the closure. While he agrees that the data should be made available to state management personnel he would suggest that other persons requesting the information should be able receive it at their own expense. R. Anderson expressed concern with the SEAMAP program dissemination of information. One of his criticisms is that it is a program of state managers and that information has not been disseminated widely enough to user groups. D. Duden motioned that the Commission take no action at this time and review the situation at a later date. Seconded by R. Jones, the motion carried. (No action by the Commission means that the Subcommittee's policy on the dissemination is still the guiding policy. Therefore, the quick time reports will be sent out to those who request the information.)

T. Ford stated that the TCC had reviewed the SEAMAP Operations Plan and that the Committee had voted to accept the document. There was discussion as to whether the Executive Committee should also vote on accepting the Operations Plan since it had already been approved by the Board. R. Anderson motioned that no action should be taken at this meeting until all Commissioners have had the opportunity to review the plan, seconded by D. Duden. The motion passed with John Ray Nelson abstaining. The Executive Director will see that all the Commissioners have a copy; review and approval/disapproval will be accomplished by mail.

L. Simpson reported for Jerry Gollott, Chairman, Law Enforcement Committee (LEC). Topics discussed included current legislation affecting enforcement in the Gulf and a presentation on a new oyster tagging law in the state of Mississippi. Committee members agreed to attend the Shellfish Conference in Orlando, Florida, in August 1984 and also to begin attending any other GSMFC committee or subcommittee meetings that may be of interest to the LEC.

F. Deegen reported for the Recreational Fisheries Committee. Each of the Gulf States reported on developments in their states regarding

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recreational fisheries. Other topics discussed were the "Rigs to Reef" program, Gulf-race striped bass in Apalachicola Bay and a report on the Artificial Reef Conference held in Newport Beach, Virginia. F. Deegen read into the record a draft resolution on an artificial reef study proposal. The resolution requested that the Commission urge the Minerals Management Service and NMFS to work with the National Reefs Task Force, U.S. Fish and Wildlife Service, U.S. Army Corps of Engineers and others to formulate and consider funding research proposals to compare relative fisheries values of offshore structures during operations, after abandonment in place, dismantled on-site and on a site from which an offshore structure has been removed. T. Ford motioned to adopt the resolution, seconded by R. Leard. B. Kemp said that although the data would be helpful he believed it already existed. He questioned the priority of such research in light of current problems with funding for marine fisheries when it has already been established that reefs are good for fisheries. There was discussion regarding the existence of the data and it was agreed that one document containing all of the above data would be useful. R. Anderson suggested that a letter be drafted supporting a research proposal plan and also address the problem of reef stability and the question of liability. T. Ford amended his motion to adopt the position of the resolution and to also address the problem of liability. L. Kiffe was particularly concerned with reefs off of the Louisiana coast since there are so many offshore structures at this time. The motion carried. The vote was nine in favor of adopting the resolution as amended, two against.

M. Rawson updated the Commissioners on what was going on with the Southeast Marine Advisory Service Network. It has evolved into a regional organization that includes all states from North Carolina to Texas enabling its members to meet 3 or 4 times a year to work on programs together, to share expertise and to make their own individual organizations stronger. He stated that the Commission's support and contribution in creating this forum are appreciated. Among projects

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being monitored are conferences on longline fishing, professional development for marine agents and several squid workshops. Of particular significance to the entire Southeast Region is an update of NMFS's 1958 shrimp trawl film. The film was funded by Sea Grant, NMFS, and contributions from industry and interested persons. The film should be ready for release in October 1984.

T. Ford motioned to accept all of the Committee reports. Seconded by T. Harper, the motion carried.

B. Byrd thanked the Executive Committee for their support of the Gulf State-Federal Fisheries Management Board. He also thanked the Gulf States Marine Fisheries Commission staff and members of the Gulf States for their efforts on State/federal activities and agreements and complimented their outstanding efforts with so little money.

B. Byrd reviewed the many State/federal accomplishments of the past year made in the Southeast. He stated that the future will bring increased opportunities and challenges for the states, recreational and commercial fishermen, the Fishery Management Councils, the Marine Fisheries Commissions, and other concerned agencies -- to work more closely together for the rational management and wise use of the Nation's fisheries. He assured the Commissioners of the NMFS's wishes to continue to be a true partner in these important endeavors.

B. Byrd expressed appreciation to the Commissioners for the resolution passed many years ago that permits an annual Grant-in-Aid Workshop to be held at the spring meeting. These workshops allow all involved to share progress and problems. This year's workshop showed that excellent progress in meeting objectives of all cooperative programs had been made. They also were able to discuss in detail current problems associated with the processing of documents - namely a significant change in time factors.

L. Wieting motioned that all three of B. Byrd's reports be accepted. Seconded by J. Y. Christmas, the motion carried.

R. Anderson motioned that the Executive Director draft a letter to be sent to the appropriate persons regarding a need for timely review

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and expeditious payment for financial assistance awards. Seconded by H. Swingle, the motion carried.

L. Simpson reported that FY 85 budget cuts included zero funding for PL 88-309 & PL 89-304. He said cooperative efforts with the states, other commissions and congressional delegation were underway to seek reinstatement for these programs and other programs of importance to the Commission. He feels reinstatement for PL 88-309 will be in the amount of \$5 million and \$3.2 million for PL 89-304. He feels certain that many budget cuts will be reinstated for FY 85, but is concerned about 1986 and beyond.

He briefed the Commissioners on HR 4778, "Marine Recreational Fishing Licensing and Enhancement Act of 1984." Amendments addressed most of the concerns of the Gulf States.

L. Simpson reviewed the progress of the D-J Expansion Bill which would tax certain additional fishing equipment and use the revenue for fisheries projects in the states. It was believed that this bill would have been approved in October 1983, but it was not and L. Simpson thinks it may go through within the first several months of the current session.

He also presented a copy of NMFS's FY 85 budget and a copy of a letter sent to key congressional delegates in appreciation of their support of fisheries projects.

L. Simpson reported on the MAFAC meeting held in Orlando, Florida, in February 1984. The general theme of the meeting was Interjurisdictional Fisheries. NMFS presented their position paper on interjurisdictional fisheries at this meeting. The most serious interjurisdictional fisheries problems are occurring on the East coast but the effects will be felt in the Gulf and the Pacific.

The NMFS white paper on interjurisdiction fisheries in proposed legislation were addressed.

L. Simpson presented a resolution commending the state and federal members of the TCC SEAMAP Subcommittee for their outstanding efforts to

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design, implement and coordinate an effective program to collect, manage and summarize data. This program improves the collective ability of state and federal fishery management bodies to understand, manage and evaluate the status of fishery resources in the Gulf of Mexico.

R. Leard motioned to adopt the resolution. Seconded by R. Anderson, the motion carried.

L. Simpson updated the Commissioners on Council activities for the previous six months. He reported that the Annual Report for FY 83 was complete and advance copies were distributed at this meeting. This was the first time the staff was able to have the report completed by the March meeting. The Commissioners had discussed the retirement plan at their luncheon meeting earlier that day. The recommendation of the Ad Hoc Retirement Committee will be addressed at the October meeting for approval. Bob Kemp accepted L. Wieting's resignation from the Retirement Committee and appointed D. Duden to replace him. Other members are R. Leard and J. R. Nelson, who will chair the Committee.

A financial statement for the period Oct. 1, 1983 - Feb. 29, 1984 was presented. L. Wieting motioned to accept the financial statement. Seconded by R. Leard the motion carried. L. Simpson concluded his report by reviewing future meetings and presenting a form for the Commissioners use in selecting future meeting site locations.

J. Y. Christmas motioned to accept the Executive Director's report. Seconded by T. Ford, the motion carried.

B. Kemp stated that the "Charles H. Lyles Award" had been discussed at the State Director's Caucus and again at the Commissioners' luncheon. It was the consensus of the Commissioners to establish a rules and regulations committee to come up with proper procedures to nominate recipients of this award. B. Kemp appointed H. Swingle, R. Leard, and L. Simpson to come up with a set of rules and regulations and to present them at the October 1984 meeting.

At the October 83 meeting the Executive Director was directed to seek funding for the proposal entitled "Research Needs for Information

Leading to Full and Wise Use of Fishery Resources in the Gulf of Mexico." L. Simpson emphasized that the proposal does not reprogram any funds for other projects or regions but simply emphasizes the need in the Gulf region for funds so that the resources are fully and wisely utilized. The proposal will address the funding needs of not only the Commission, but also the Council, Federal agencies, State agencies, Foundations, etc. It would establish a planning effort to determine priorities and provide Congressional leadership with a mechanism to move forward with legislation funding Gulf research needs. The proposal has currently been submitted to the Gulf & South Atlantic Fisheries Development Foundation, Inc. R. Anderson stated that a positive or negative response on the proposal would be forthcoming within the next ten (10) days. L. Simpson said another mechanism for funding the proposal would be through the NMFS, which is currently accepting proposals for consideration from March 5 through May 7, 1984. The Commissioners agreed that if the proposal was not granted by the Foundation, that it should be submitted to NMFS for consideration.

L. Simpson briefed those present on actions taken at the October 83 meeting regarding S-K (Saltonstall-Kennedy) Funds. The Commissioners requested that the Executive Director resolve some questions that they had regarding the awarding of S-K grants. A letter was sent to J. Brawner requesting that he review the process and he responded. The response was circulated to the Commissioners and subsequently a resolution was drafted against the awarding of block grants to any entity and requested the NMFS and other appropriate agencies to review, evaluate and approve separate individual projects to be funded by S-K funds. After circulation of the draft resolution it was the consensus of the Commissioners to defer further action on the resolution until further discussion at this meeting. J. Brawner had also written the Commissioners requesting that they take no further action until he could address them at this meeting. L. Simpson expressed his appreciation for J. Brawner's attendance and recognized him at this point.

J. Brawner promised to be candid and honest in his response to the Commission's action regarding S-K Grants. He stated that NMFS is a service oriented organization that works hard towards a cooperative partnership with all of its constituents - consumers, recreational and commercial fisheries and the environmental community. He stated that the impact of the draft resolution had created problems between the Commission and the NMFS, between the Commission and the Foundation and between states. The conflicts created in the region were not worth destroying the established cooperative effort that had previously existed and he recommended that the resolution be buried. He supported the S-K process completely.

B. Kemp thanked J. Brawner for sharing his views and stated that a better line of communication would have perhaps alleviated the entire problem. He has been more involved with problems regarding S-K Grants than other states but that in his conversations with other state directors he found that many of his unresolved questions were shared with them. He felt that an open line of communication could help resolve future problems. He did not want input into how or where NMFS should spend its money but he would just like to understand how the program worked. R. Anderson invited all Commissioners to call him when they had a particular problem with the award of a Grant or when they have a question regarding the S-K process. R. Jones stated that the Foundation was created to be the mechanism to distribute the S-K funds and that that mechanism is run by industry not the states or the Commission. B. Kemp replied that he had no problems with the Foundation receiving the grants, his personal feelings are that the NMFS, Southeast Regional Office should have more voice in the awarding of grants. It was the consensus of the Commissioners that since the draft resolution had only been distributed to Commissioners and J. Brawner that no further action by them would terminate further Commission action on the issue.

G. Saul reported on the effects of the extreme cold weather in Texas. He stated that a major freeze occurred around Christmas 1983. A detailed method of enumerating and identifying dead fish was established and the preliminary estimate for the number of dead fish is approximately 15 million organisms. Half of the dead organisms were forage fish. Spotted seatrout and red drum were also impacted and emergency regulations were enacted to prevent further impact on these species. Approximately 300,000 blue crabs were killed. Oysters were not impacted.

H. Swingle reported that the cold weather had caused approximately 20,000-50,000 pounds of white and striped mullet to die in the shallow waters of Alabama coastal areas. Other species were also killed but it was determined that the loss was minimal. There were reports that anywhere from 7,000-25,000 pounds of speckled trout were removed from two large deep holes in Mobile Bay. Many reports were unconfirmed but so many reports were circulated that emergency regulations were enacted to protect speckled trout.

C. Perret reported that temperatures were as low as 4.6°C in Louisiana. T. Ford stated that the most seriously impacted area was the central coast which lies between Atchafalaya and Mississippi Rivers and is mostly shallow water. Dead fish included speckled trout, red fish, sheepshead, black drum, mullet, etc. A substantial kill of speckled trout (5,000-10,000 pounds) occurred in shallow waters of Lake Daire. Overall this was not a severe fish kill.

R. Leard stated that the situation in Mississippi during the freeze was similar to conditions in Louisiana. Fish kills occurred in shallow waters. Most of the fish were harvested.

L. Simpson presented a letter he had sent to Bill Gordon requesting the NMFS to conduct a more definitive tag and recapture study to answer questions about shrimp migrations into Mexican waters which might affect the Texas Closure. B. Gordon's response was that this study should be done by a cooperative program with the Gulf of Mexico Fishery Management

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Council, Southeast Fisheries Center, Southeast Regional Office and industry. L. Simpson will keep the Commission informed of progress on this important research need.

L. Simpson briefed the Commissioners on the most recent position of the NMFS on interjurisdictional fisheries management. He said that all of the suggestions the Commission made on the first draft were incorporated. R. Leard added that the general opinion of those reviewing it at MAFAC was supportive. L. Simpson also mentioned legislation being proposed by Congressman Breaux's committee regarding interjurisdictional fisheries. After brief discussion L. Simpson stated that when a copy of the new legislation was available he would send it out to the Commissioners for their review and comment.

The meeting was adjourned at 5:00 pm.

EXECUTIVE SESSION
Wednesday, March 14, 1984
Biloxi, Mississippi

LIST OF ATTENDEES

Ginny Herring	GSMFC, Ocean Springs, MS
Leroy J. Wieting	TX House of Representatives, Portland, TX
J. Y. Christmas	GCRL, Ocean Springs, MS
Harry Schafer	LA Dept. Wild. & Fish., Baton Rouge, LA
Hugh A. Swingle	AL Dept. Cons. & Nat. Res., Dauphin Island, AL
Don Duden	FL Dept. Nat. Res., Tallahassee, FL
Robert P. Jones	SE Fish. Center, Tallahassee, FL
Roger D. Anderson	Gulf & S. Atl. Fish. Dev. Found, Inc., Tampa, FL
Leroy Kiffe	GSMFC, Lockport, LA
John Ray Nelson	Bon Secour Fisheries, Inc., Bon Secour, AL
Ted B. Ford	LA Dept. Wild. & Fish., Baton Rouge, LA
Taylor Harper	AL House of Representatives, Grand Bay, AL
Richard Leard	DWC, Bur. Mar. Res., Long Beach, MS
Ralph Rayburn	Texas Shrimp Assn., Austin, TX
Robert Kemp	TX Parks & Wildlife Dept., Austin, TX
Larry B. Simpson	GSMFC, Ocean Springs, MS
Maury Ferguson	TX Parks & Wildlife Dept., Austin, TX
Gary E. Saul	TX Parks & Wildlife Dept., Austin, TX
Lucia O'Toole	GSMFC, Ocean Springs, MS
Mary A. Crosby	GSMFC, Ocean Springs, MS
Villere Reggio	Minerals Mgmt. Serv., Metairie, LA
Jerry Brashier	Minerals Mgmt. Serv., Metairie, LA
Bordon Wallace	Wallace Menhaden Prod., Mandeville, LA
Corky Perrett	LA Dept. Wild. & Fish., Baton Rouge, LA
Charles H. Lyles	Ocean Springs, MS
Wm. C. Lunsford, Jr.	Zapata Haynie Corp., Timonium, MD
Lloyd Regier	NMFS, Charleston, SC
Fred Deegen	Bur. Mar. Res., Long Beach, MS
Claude Boudreaux	LA Dept. Wild. & Fish., Baton Rouge, LA
I. B. Byrd	NMFS, St. Petersburg, FL
Jack Brawner	NMFS, St. Petersburg, FL
Paul D. Fulham	NMFS, St. Petersburg, FL
Walter M. Tatum	AL Dept. Cons. & Nat. Res., Gulf Shores, AL
Perry A. Thompson	NMFS, Pascagoula, MS
Warren Stuntz	NMFS, Pascagoula, MS



LOUISIANA HOUSE OF REPRESENTATIVES

GULF STATES MARINE
FISHERIES COMMISSION

MAR 8 1984

SAM THERIOT
District 47

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Hollins Meaux
600 N. Lemaire
Kaplan, LA 70548

March 5, 1984

Larry B. Simpson
Gulf States Marine Fisheries Commission
P. O. Box 726
Ocean Springs, MS 39564

Dear Larry:

Since my election to the Louisiana Legislature, and subsequently thereafter, my appointment by Governor Treen to serve on the Gulf States Marine Fisheries Commission, I have enjoyed my professional and personal relationship with the members of this learned body as well as the staff. It has been most productive and educational for me to have served with this group. Collectively, I know we have improved our Gulf Coast's fishing environment and I feel certain the commission will continue to provide in a positive and productive direction. I am proud to have played a small part in this matter. However, the old saying, "All good things must come to an end" now applies to me. Because of personal opportunities which have recently arisen, I have made a decision to terminate my position on the commission to give more time to my new endeavors. It is with regret yet gratitude that I step down and would like for this letter to serve as my official notice that effective April 1, 1984 I will no longer be a member of the Gulf States Marine Fisheries Commission. My last official attendance will be in Biloxi and I look forward to sharing those few days with all of you. I have recommended another coastal legislator to Governor Edwards and I anticipate a quick decision and appointment of my successor by him. This will of course be communicated to you. Again, thank all of you for your many courtesies and friendship. Good luck and God bless you in the future.

Sincerely,


Representative Sam Theriot

ST:rmd

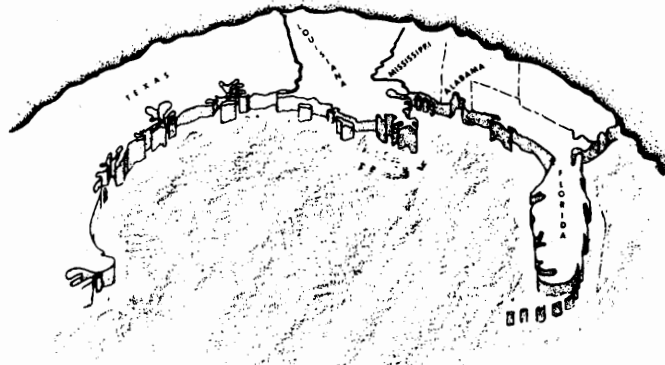
cc: Governor Edwin Edwards



Gulf States Marine Fisheries Commission

MEMBER STATES
ALABAMA
FLORIDA
LOUISIANA
MISSISSIPPI
TEXAS

P.O. BOX 726
OCEAN SPRINGS, MS.
39564
(601)875-5912



RESOLUTION

Artificial Reef Study Proposal

WHEREAS, the Federal Government; Congress; the States (IAFWA); the OCS Policy Board; the Gulf of Mexico Fishery Management Council; Conservation, Environmental and Fishing Groups; fishermen and others have expressed interest and support for a national artificial reef policy and program, and

WHEREAS, the Gulf States Marine Fisheries Commission has adopted formal resolutions supporting the development of a National Artificial Reef Policy and a Gulf of Mexico Artificial Reef Plan, and

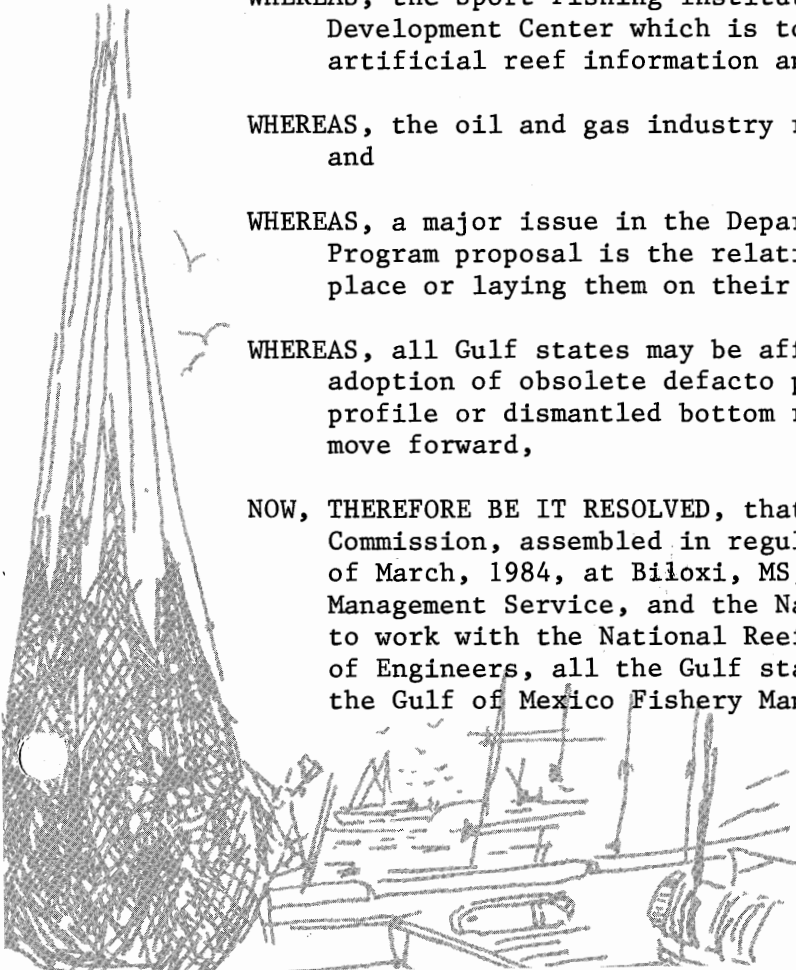
WHEREAS, the Sport Fishing Institute has established an Artificial Reef Development Center which is to serve as a national repository of artificial reef information and utility; and

WHEREAS, the oil and gas industry removes reefs on a continuing basis, and

WHEREAS, a major issue in the Department of the Interior's Rigs-to-Reefs Program proposal is the relative value of leaving structures in place or laying them on their sides, and

WHEREAS, all Gulf states may be afforded the opportunity to support adoption of obsolete defacto platform reefs as emergent high profile or dismantled bottom reefs should a rigs-to-reefs program move forward,

NOW, THEREFORE BE IT RESOLVED, that the Gulf States Marine Fisheries Commission, assembled in regular semi-annual meeting this 14th day of March, 1984, at Biloxi, MS, herewith urges the Minerals Management Service, and the National Marine Fisheries Service to work with the National Reefs Task Force, U.S. Army Corps of Engineers, all the Gulf states, the Sports Fishing Institute, the Gulf of Mexico Fishery Management Council, the American



Fisheries Society and others to formulate and consider for funding research proposals to compare the relative fisheries values of: 1) offshore structures during operations; 2) offshore structures after abandonment in place; 3) offshore structures dismantled on-site as a benthic reef; and 4) a site from which an offshore structure has been removed. In addition the question of liability for loss of fishing gear (i.e. shrimp nets and associated equipment) as well as reef stability should be studied.

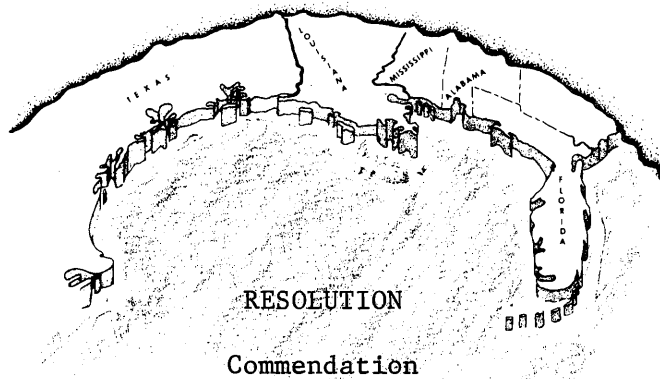
Larry B. Simpson, Executive Director

GSMFC - Res

Gulf States Marine Fisheries Commission

MEMBER STATES
ALABAMA
FLORIDA
LOUISIANA
MISSISSIPPI
TEXAS

P.O. BOX 726
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(601)875-5912



Commendation Southeast Area Monitoring and Assessment Program

WHEREAS, the lack of comprehensive data and information on the complexity and diversity of living marine resources in the Gulf of Mexico has impaired attempts to define meaningful management programs to conserve and promote the use of fishery resources for the benefit of the general public; and

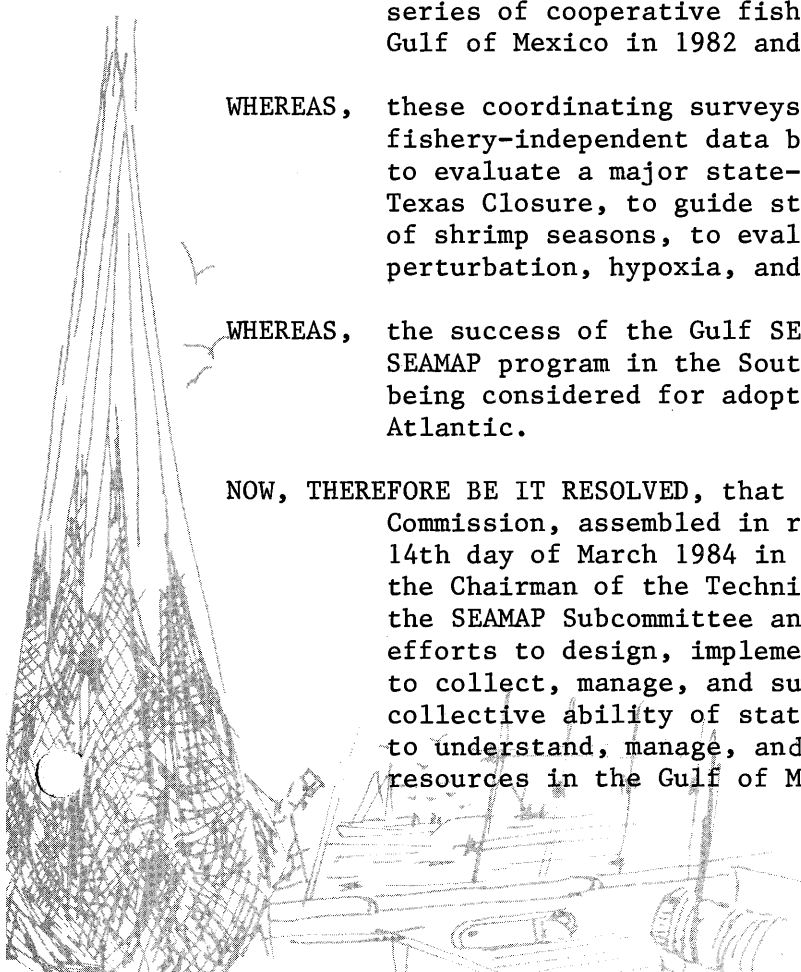
WHEREAS, the collection and management of sufficient fishery-independent data to answer critical questions about the resources and their environments is expensive and virtually impossible for a single state or Federal agency to collect; and

WHEREAS, the Technical Coordinating Committee in 1981 sponsored organization of the Southeast Area Monitoring and Assessment Program (SEAMAP) through a SEAMAP Subcommittee to coordinate a series of cooperative fishery-independent surveys throughout the Gulf of Mexico in 1982 and 1983; and

WHEREAS, these coordinating surveys increased the availability of fishery-independent data by over 400 percent which were used to evaluate a major state-Federal management measure, the Texas Closure, to guide state management decisions on opening of shrimp seasons, to evaluate impacts of a major environmental perturbation, hypoxia, and for other purposes; and

WHEREAS, the success of the Gulf SEAMAP has prompted organization of a SEAMAP program in the South Atlantic and similar programs are being considered for adoption in the Caribbean and North Atlantic.

NOW, THEREFORE BE IT RESOLVED, that the Gulf States Marine Fisheries Commission, assembled in regular semi-annual meeting this 14th day of March 1984 in Biloxi, Mississippi, herewith commends the Chairman of the Technical Coordinating Committee, members of the SEAMAP Subcommittee and working groups for their outstanding efforts to design, implement, and coordinate an effective program to collect, manage, and summarize data to improve on the collective ability of state and Federal fishery management bodies to understand, manage, and evaluate the status of fishery resources in the Gulf of Mexico.



Resolution

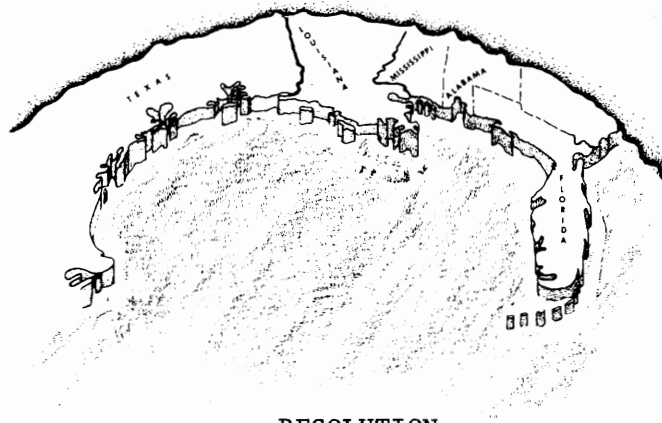
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BE IT FURTHER RESOLVED, that the Gulf States Marine Fisheries Commission urges the Technical Coordinating Committee, through the SEAMAP Subcommittee, to continue efforts to develop and evolve the SEAMAP program so that fishery managers and researchers can be assured of the best and most comprehensive fishery-independent information for the least possible cost.

65mpe-100

Gulf States Marine Fisheries Commission

MEMBER STATES
ALABAMA
FLORIDA
LOUISIANA
MISSISSIPPI
TEXAS



P.O. BOX 726
OCEAN SPRINGS, MS.
39564
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RESOLUTION

WHEREAS, Mr. Perry Thompson, National Marine Fisheries Service, has served as the first SEAMAP Subcommittee Coordinator of the Technical Coordinating Committee of the Gulf States Marine Fisheries Commission from 1982 to 1984, and

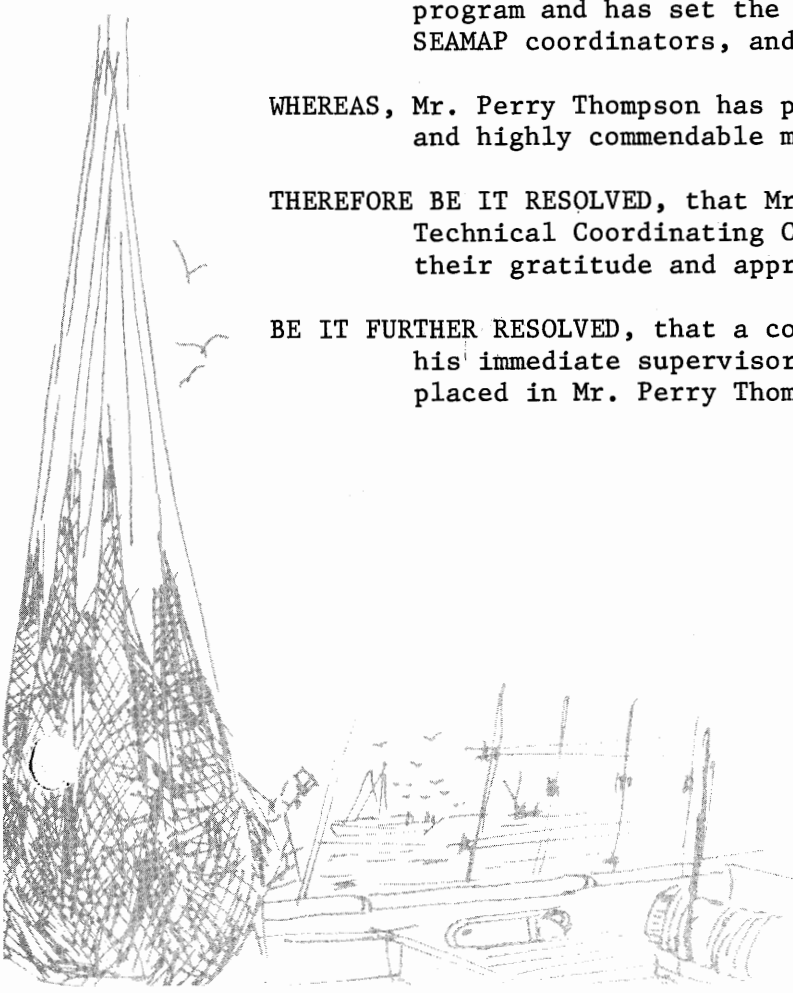
WHEREAS, Mr. Perry Thompson has overseen and greatly contributed to the development of the first five-year operational plan of the SEAMAP program, and

WHEREAS, Mr. Perry Thompson has made perhaps the most substantial contribution to the initial operational success of the SEAMAP program and has set the benchmark of performance for subsequent SEAMAP coordinators, and

WHEREAS, Mr. Perry Thompson has performed these roles in an enthusiastic and highly commendable manner,

THEREFORE BE IT RESOLVED, that Mr. Perry Thompson receive from the Technical Coordinating Committee the highest expression of their gratitude and appreciation for a job well done.

BE IT FURTHER RESOLVED, that a copy of this resolution be transmitted to his immediate supervisor and a copy of this resolution also be placed in Mr. Perry Thompson's personnel folder.



Lott/McIlwain Task Force Workshop
Minutes
Mobile, Alabama

APPROVED BY:

COMMITTEE CHAIRMAN

May 23, 1984

The first workshop of the Lott/McIlwain fisheries initiative Task Force was called to order by Larry Simpson at 9:00 am. Mr. Simpson outlined the purpose/mission of the Task Force - to present to the decision makers a cohesive/comprehensive document for funding of research needs leading to full and wise use of fishery resources in the Gulf of Mexico. He stressed the fact that it was indeed a working task force and essential that close coordination be kept where more than one person is involved in the case of designees and proxies. The Task Force should work to express their knowledge of what is in the best interest of the resource for all entities. The persons selected as members were chosen because they represent a broad base of people/thoughts. This should be kept in mind when working up input, everyone should make a concerted effort to receive the comments/feelings of the groups represented.

The agenda was adopted as presented for the first day's session. J. Y. Christmas reviewed a draft of tentative workshop procedures. L. Simpson, Executive Director of GSMFC, or his designee will chair all sessions which will be informal but subject to Robert's Rules. If a consensus agreement can not be reached by the group then all options will be considered by a subgroup appointed by the Chairman. If that subgroup's recommendations are not accepted by consensus then all the options will be put in the document for consideration by those performing the final document review. The procedures were accepted to govern all workshops.

David Etzold emphasized key items charged to be done as a collective body (statement of work portion of contract). The goal is to develop a five-year plan to implement the Lott/McIlwain discussion paper. Objectives include the need to identify and describe needed research projects and the need to develop a management organization structure for the five-year Gulf of Mexico fishery research program. In addition, implementation and operational plans have to be developed based on the type of management organization structure and the effort

identified. Monitoring and evaluation procedures need to be developed along with Task Force workshop process cohesiveness with respect to output. The participants are Gulf States marine fishery agencies, Sea Grant, NMFS, Gulf & South Atlantic Fisheries Development Foundation, Gulf of Mexico Fishery Management Council, GSMFC, university specialists, and industry and other specialists. The Task Force is charged with reviewing the Lott/McIlwain paper, reviewing and assigning priorities to research needs and defining and describing the required research efforts, cost, coordination requirements, and schedules. The notebooks will be used throughout the effort. Anyone turning in information should put his initials and the date in the lower right hand corner.

L. Simpson said that the existing framework within GSMFC could be tapped for advisory use. Wayne Swingle suggested that items could be reviewed by the Council's advisory panels by mail. Jack Greenfield said he would like to see a special effort made to include industry and recreational user groups, bringing them along all stages and involving them extensively in everything. It was again emphasized that each person on the Task Force represents a broad group. Much discussion followed on the need for additional representation from the recreational and consumer sectors. Ralph Rayburn made the motion that the leadership of Red Lobster be contacted and a representative invited to participate on the Task Force. The motion carried. L. Simpson will contact Bob Jones, Southeastern Fisheries Association, to see if he is going to appoint a designee; the consensus was to seek a representative with finfish input. Jim Jones made the motion for the Chairman to take into consideration the need for additional recreational membership and take appropriate action, if deemed necessary. The motion carried and the results will be communicated through the mail.

Tom McIlwain gave a slide presentation on his paper. The suggested steps to formulate, sell and implement it are: 1) establish a management coordination structure, 2) identify and refine research needs, 3) determine who can best perform required research, 4) prepare coordinated budget initiative, and 5) conduct, coordinate, review and evaluate the research that is carried on. Dr. McIlwain stated that

after developing the program a great deal of time was spent with a number of Congressional delegates throughout the Southeast trying to develop a core group of people to call on in Washington and that there is a need to get these people talking amongst themselves about fishery needs in the Gulf. Dr. McIlwain also stated that a general positive feeling exists that the project will be a mechanism for increasing communication among all groups.

D. Etzold went over the tentative schedule and the SPERT (Simplified Program Evaluation and Reporting Technique) which outlines the sequence of events. After each workshop the amount of relative completion of each of the tasks will be assessed and reported. Dr. Etzold briefly went over the tentative outlines of sections 1.0 through 6.0.

J. Y. Christmas and T. McIlwain used a table from the Lott/McIlwain paper to set up the outline for section 3.0 as a suggestion of a preliminary list. A good list of research completed and documented, ongoing research, planned research and needed research is necessary. The idea is to arrive at a list of projects that are required to accomplish objectives. In the outline the words "management unit" were changed to "research unit" wherever occurring (at the suggestion of Andy Kemmerer). Much discussion followed and the topic was carried over to the next day of the session.

T. McIlwain asked the group to go over the list of source documents, add to it and make available any added documents. He also asked them to review the draft research units list and fill in any gaps. D. Etzold began further discussion on section 4.0 and asked for recommendations for a managing body - existing, new or a combination. Suggestions included NMFS - SERO, NMFS - SEFC, GSMFC, GMFMC, Sea Grant Combine, State Resource Agencies, GSAFDF, Trade Associations, Gulf State/Federal Fisheries Management Board and GURC (all existing). A new suggestion was Regional Fishery Development Corporation. The advantages and disadvantages of these will be taken into consideration before a final recommendation is made. The wording on item 4.2 of section 4.0 was changed to read ...related fishery management and research organizations.

The first day's session adjourned at 5:05.

May 24, 1984

The second day's session of the workshop was called to order at 8:10 am by L. Simpson, Chairman. The agenda was adopted with the deletion of item 13-D and the addition of time for further discussion on advisory groups.

Discussion was picked up on item 4.0. D. Etzold asked the members to send in their recommendation of a management organization on the criteria for it to the Commission office by June 18. These recommendations will be submitted in a form back to members prior to the July workshop and Dr. Etzold will be developing some idea as to what criteria will be required. J. Greenfield stated that one criteria in determining the management structure should be the political base it would be capable of generating. L. Simpson reminded the group that this effort would be paralleled in the South Atlantic and Caribbean and that this thought should be kept in mind when thinking about management. D. Etzold said he would be doing some preliminary write-ups on subsections of 4.0 and getting them distributed before the next meeting.

On sections 5.0 and 6.0 brief notes were read by D. Etzold. He stated that not much more could be done on these sections until July-August.

Discussion was resumed on section 3.0. The formation of subgroups to work and report back to the Task Force was said to aid responsiveness. D. Etzold said during July-August most of the work will be accomplished through subgroups. The tentative outline for section 3.0 was further revised; 3.1.0.0 a and b changes (suggested by Brad Brown), and c and d substitution by J. Greenfield. A new draft outline of section 3.0 is attached. Additionally, J. Greenfield is to have Ron Schmied draft a section d for recreational interest.

The draft list of research units was broken down for homework assignments. Members are to use the revised draft outline of section 3.0, take the fishery assigned them and fill in the blanks (5 to 10-page maximum). Fred Deegen is to round out the recreational species list. A revised draft list of research units (with additions/changes) is attached; the names to the right are those assigned that unit. The homework should be in the Commission office by June 18. For help in the homework assignments, B. Brown will get a draft proceedings of the Stock

Assessment Workshop to the Commission office as soon as possible and J. Greenfield offered the assistance of Hank McAvoy and Richard Raulerson from his office.

L. Simpson informed members that the next workshop will be in Houston, Texas beginning July 10 at 1:00 pm - 5:00 pm, continuing July 11 at 8:00 am - 5:00 pm, and July 12 8:00 am - 12:00 noon. Hotel details will be sent out with the minutes and the agenda will be mailed a week prior to the workshop. The Council has a conflict with the dates and will not be able to attend.

Homework assignments were reviewed (list attached). It was decided to defer sending out material to advisory groups until after the next meeting and that a representative from the Sea Grant communicators group be present at the next meeting.

A. Kemmerer asked for discussion on what the group thought the management structure criteria should encompass to be an effective management organization. Suggestions were: insure competition, insure consistency (continuity), recognize jurisdictional boundaries, coordinate, implement, review and evaluate program, disseminate information to user groups, legally able to accept money, members aware of research, assign priorities (responsive), regional perspective, history of strong involvement with user groups, politically acceptable, proposal review and evaluation authority, fiscal responsibility, ability to pay bills, data base coordination, and flexible.

Research action plan forms were handed out to be used as a tool if members thought it helpful. A Council problem on reef fish was briefly run through as an example. Figures for help on the third page were: \$30,000/man year, OREGON II - \$6,000/day, TOMMY MUNRO - \$2,000/day, and 70-80' trawler - \$2,000/day. B. Brown suggested going one step down from the large problems identified in the Lott/McIlwain document.

D. Etzold commented on the January 15 completion date. Estimates of whether the project is moving on, ahead of, or behind schedule will be given along the way. He also reminded of a planning session at his camp on May 31 at 8:30 am and invited anyone in the vicinity to attend.

There being no further questions or business the meeting was adjourned followed by L. Simpson presenting a 15-minute slide show on GSMFC for anyone interested.

PARTICIPANTS
May 23-24, 1984 Workshop

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PARTICIPANTS
May 23-24, 1984 Workshop
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PARTICIPANTS
May 23-24, 1984 Workshop
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Dr. Andrew J. Kemmerer National Marine Fisheries Service National Space Technology Laboratory NSTL Station, MS 39529 (601) 688-3650	NMFS	Self
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<u>Others</u>		
Mr. Ed Smith National Marine Fisheries Service P.O. Drawer 1207 Pascagoula, MS 39567 (601) 762-4591	Marketing	Self

APPROVED BY:

COMMITTEE CHAIRMAN

Lott/McIlwain Task Force Workshop
Minutes
Houston, Texas

Tuesday, July 10, 1984

The second workshop of the Lott/McIlwain fisheries initiative Task Force was called to order by Larry Simpson at 1:13 pm. L. Simpson thanked members of the group for their help in making a good start on the project and establishing much to work with by their work responses, cooperation and communication. The minutes of the first workshop were approved. The agenda for July 10 and July 11, 1984 were modified before acceptance: 1 hour was held in reserve for Glenn Delaney to discuss a joint research project with the Japanese, Section 4 discussion on Tuesday instead of Wednesday, and an 8:30 starting time on Wednesday. L. Simpson reported the acceptance of Mr. Tom Sebring, a recreational representative, to serve on the Task Force and also Mr. Bob Jones, Southeastern Fisheries Association. Mr. Jack DeFonso of Red Lobster was not able to accept. L. Simpson asked for thoughts of a name for the project. Suggestions included Gulf of Mexico Research and Development, Gulf of Mexico Fisheries Research and Development and Gulf of Mexico Fishery Research Program. Everyone was asked to continue thinking about a title.

David Etzold told the group that Section 4.3 should consist of the Task Force's recommendation of what type of Management Organization Structure should manage the program. The Task Force should come up with more than one option, look at advantages and disadvantages, enumerate and make the recommendation, stating the reasons and show the other options considered. D. Etzold presented the suggestions sent in on Section 4 by Jack Brawner, Wayne Swingle, Walter Tatum, and Fred Deegen. Each of these models was discussed, as was the model sent out in the draft of Section 4. D. Etzold then asked what the Task Force thought the next step should be relative to narrowing down or redefinition of the models. Ralph Rayburn questioned how much the Regional Director of NMFS should be involved in the decision making process for allocation of funds. Suggestions included directing the money to the Commission, allocating the funds to the Southeast Fisheries Center to be administered by the Regional Director, and making the intent of the

program clear with good strong language regarding the role of the Management Organization Structure. Andy Kemmerer suggested that a work group be selected to integrate the suggested Management Organization Structures and come up with a recommendation. D. Etzold appointed four persons to be that work group: Jack Greenfield, Ron Becker, Ralph Rayburn and Claude Boudreaux, chairman. A preliminary report was requested of that group on Wednesday afternoon or Thursday morning. Wednesday's agenda was then further modified by changing item 3, Section 4 to Section 3, leaving item 7, Section 4 at 1:15.

L. Simpson reported the August 21-23, 1984 workshop will be held in Tampa, Florida, at the Westshore Inn. The workshop will follow the same time frame (Tuesday afternoon, all day Wednesday, and Thursday morning).

Time allowed for some discussion on Section 2. A. Kemmerer stated that more emphasis was needed in the Introduction on recreational fishing since 30% of the recreational fish landed are landed in the Gulf of Mexico, 28% of the recreational trips taken are taken in the Gulf, and 27% of non-resident recreational trips taken are taken in the Gulf. J. Cato suggested using charts to show comparison of Gulf to total. A. Kemmerer said there was a need for a subsection 2.2 dealing with the current situation. All agreed. Other modifications of Section 2 included: changing the first sentence of the 3rd paragraph to read A principal factor; some rewriting on the bottom of page 1; changing 2.2 to 2.3, etc. due to addition of 2.2; in 2.4, deleting the word All before Council, and adding pertinent documents reviewed; in 2.5, adding titles; and 2.6 will need much more.

A. Kemmerer suggested SEFRI as a title (Southeast Fisheries Research Initiative). The session adjourned until 8:30 am on Wednesday.

Wednesday, July 11, 1984

The session was called to order by L. Simpson at 8:35 am. D. Etzold informed members that C. Boudreaux would report on the work group's recommendation on the Management Organization Structure at 1:15 pm. R. Becker had an additional comment on Section 2. He feels the program needs a better focus, showing that it is not just a continuation of ongoing research, emphasizing problems that are regional in nature

and giving ongoing research activities cohesiveness they lack. This information should be included in 2.1 where the purpose is stated. J. Y. Christmas reinforced those thoughts and said the project is not seeking to continue to do the same things, but the effort should propose/point out the research needs which will provide the information which will achieve additional yield and/or maintain what is existing. Jack Greenfield and Jim Cato will get together by phone on July 13 and report the third week in July to the Consultants on 2.2.

J. Y. Christmas voiced his appreciation for all the effort put forth in the homework of Section 3. Updated research units lists were distributed and Tom McIlwain reviewed the additions. Many species were added to the reef fish category. As reef fish are potentially fully utilized, J. Greenfield suggested the Task Force adopt a policy to turn to the Council for guidance in terms of what is needed. The changes and additions on the research units list are being incorporated into another revision to be distributed as soon as possible. Discussion on sharks indicated a need to list the different species, Brad Brown will be asked to handle this as it was under his section.

Nick Mavar said the Task Force should quantify the present value or current usage and potential values of the fish. The inclusion of at least a chart with four or five categories of values was discussed. Once the list of categories is established that list could be turned over to the economists to start development, then a decision can be made on how to portray it. J. Greenfield said the paper should focus on the notion that this is a directed program for the commercially important opportunities to a large extent or at least create that impression. D. Etzold said that following the planning staff's meeting on July 19 after a list of categories is ginned up, the economists will be contacted and asked to start addressing and thinking along these lines and also get feedback from them on their thoughts relative to the process. The core group of economists will be Jim Cato, Wade Griffin, Fred Prochaska and Ken Roberts; others contacted will be from the SERO and SEFC.

Alan Huff suggested highlighting species on the research units list by establishing some threshold for landings and/or value and asterisking

the species with a greater value and then having a section in the document written by the economists. A. Huff is to prepare a list of species for conchs and lobsters (marine mollusks). T. McIlwain and A. Kemmerer are going to look at the Council plan on groundfish and provide a listing of additional species as necessary for the bottomfish section (top 50). An Anadromous and Catadromous category was added. The Mariculture category may be addressed in essay-style rather than just a listing, bringing in species and habitat; it may be included within the preamble to Section 3. Discussion on habitat, habitat loss should identify problems and focus on the need for habitat research. The Consultants will get Ed Klima's position paper for review before making a final determination on how to deal with the subject and where to place it in the document. The consultants will develop options relative to habitat utilization, mariculture, harvesting technology and stock assessment and get those options out to members of the Task Force as soon as possible. A. Huff will work on mammals and turtles for the Marine Mammals/Endangered Species category. The Council's plan on coral will be looked over, and coral may be included in the discussion under habitat.

C. Boudreaux reported the work group's recommendation for the Management Organization Structure which was divided into three sections, each section having two options. Their recommendations/options will be sent out the Task Force asking for quick response on preferences.

Bill Clark asked who would make the decisions as to how the money would be apportioned to various efforts. D. Etzold said the Task Force will spell that out in Section 5. Research and Development Program Management Board was suggested as a title for that group by J. Greenfield. D. Etzold said Sections 5 and 6 will begin being discussed at the next workshop with perhaps some very preliminary write-ups sent out beforehand. Everyone was asked to think about how they want to develop these two sections, especially the implementation and operational plan portion.

J. Greenfield gave a rough estimate of what might be involved for administration of the project. For travel and clerical support for each of the four Sea Grant programs, the five Gulf states, the Commission,

the SERO and SEFC - approximately \$10,000 each; for anyone serving on the Board - an additional \$3,000 [\$120,000 + 30,000 (10 member board)]; for an administrative grant to the Commission - \$50,000. The total would be \$200,000 or 3% of 7 million. If the Board is staffed that would mean an extra \$300,000, totalling \$500,000 or 7% of 7 million. C. E. Bryan, Walter Tatum, and Fred Deegen questioned the need to create a full-time staff of six people to assist the Program Management Board.

Discussion was resumed on Section 3. Copies of homework on bottomfish and shrimp sections were distributed to show two interpretations of how to handle the outline. J. Y. Christmas stated that up front of Section 3 will be the research units list with a discussion introducing and explaining its content and emphasizing the diversity of species in the Gulf. It would not then be necessary to repeat 3.0 for each unit. T. McIlwain and J. Y. Christmas will develop an example showing how to write up the research unit sections. This example will include a three to four page comprehensive overview (narrative) of the unit and a matrix showing in tabular form a quick look at where we are. Essentially the matrix would include the information that is in the outline. The narrative or introductory material should identify what is not known, what needs to be known and then prioritize those needs. This example will be sent to the Task Force as soon as possible. T. McIlwain suggested that the resource source documents list could be assembled by research unit and further broken down by species.

D. Etzold reviewed the homework assignments (list attached) and briefly discussed the schedule. He sees the project as being on schedule and after the August workshop feels any problems will be easier to see. At the August workshop a determination can be made as to whether or not an extra day will be necessary at the Gulf States meeting in October.

A short time was spent discussing and reviewing a few problem/action forms. There should be a number of these forms completed for each research unit. These forms should be used for opportunities as well as for problems.

Thursday, July 12, 1984

The final day's session was called to order at 8:30 am by L. Simpson. D. Etzold reviewed the models of the work group's Management Organization Structure recommendations which will be mailed out by July 23; the preferences of the Task Force member are to be mailed back to the Commission office by August 1. L. Simpson said if any other thoughts occur on the structure they may be submitted and it is hoped that the section will be finalized in August.

To better understand the use of the problem/research identification work sheets a problem on transboundary migration of shrimp was run through. This completed problem will be sent out for use as an example. D. Etzold referred members to page 5 of the May 23-24 minutes for figures to help on page 3 of the form, with the correction of \$2,500 for the TOMMY MUNRO. For figures to use in estimating travel (for research) and computer time, the Consultants will check with A. Kemmerer to see what the Federal government uses. A. Huff suggested 20% of the total for data management (computer) and 2% of the total was suggested for travel. It was decided that item D on page 2 of the forms would be deleted. An initial determination of priority on the problems will be helpful but may be changed when all problems are considered. As many completed forms as possible are to be received in the Commission office by August 13. The additional species (added to the research units list) write-ups should be sent in by that date also. A. Huff will handle snook for W. Tatum.

The session adjourned at 10:25.

PARTICIPANTS
July 10-12, 1984 Workshop
Houston, Texas

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PARTICIPANTS
July 10-12, 1984 Workshop
Houston, Texas
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Houston, Texas
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July 10-12, 1984 Workshop
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TCC Anadromous Fish Subcommittee
MINUTES
Gulf Shores, Alabama

Monday, July 16

The meeting was called to order at 1:00 pm by Larry Nicholson, Chairman. Mr. Nicholson said he worked long hours gathering Mississippi's data on striped bass and found a lack of hard data in some areas. Discussion followed to determine if there was enough hard data to generate a management plan. Walter Tatum said that he felt the group would be able to gather the necessary information and come up with a good profile.

The minutes of the March 12, 1983 meeting were approved.

Larry Simpson reported that the State/Federal Board approved the framework of the Subcommittee and would support its efforts with \$1,000 for travel funds (probably) in FY 85. There was discussion on how to best utilize this money. Lou Villanova stated that people with existing projects with U.S. Fish & Wildlife Service (USF&WS) could augment their projects to allow them to use those monies for Subcommittee travel. Florida and Texas do not have projects with USF&WS. The D-J Expansion was also discussed as a funding source. L. Simpson will get together with L. Villanova and others to explore funding mechanisms.

L. Simpson reported on the joint meeting between USF&WS and the States. They brought out general areas of work they will probably be working on with emphasis in the next short-term (1-5 years): interjurisdictional fisheries resources (with mention of striped bass), research and development, technology, enforcement and habitat. They will be playing a catalyst-helper type role, taking a mechanical-technical approach. L. Nicholson reported about USF&WS's discussion on their role in a put and take fishery, whether or not they are to continue, and their increased funding level for hatchery support. They are trying to get away from simply supporting a put and take fishery. They had no change in policy for striped bass as they consider that a restoration-type effort, not a perpetual put and take. D-J expansion was discussed and they mentioned a late July-early August meeting with the States to discuss mechanisms and implementation. L. Simpson urged all States to attend the meeting. L. Villanova talked about the formula

TCC Anadromous Fish Subcommittee
MINUTES
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(from the Congressional Record, which involves the number of resident anglers) to determine amount of funding . The numbers will come from the 1980 census and a technical committee has been established to interpret the survey numbers. Copies of the members on this technical committee were distributed. Ed Crateau mentioned the Regional Resource Plan and circulation of a list of priority species and areas for work direction. He said this is the time for state and other input and a more specific list will be developed in about three months.

L. Nicholson asked if everyone had received suggestions on the outline for the profile submitted by Buck Byrd and Ed Crateau. E. Crateau suggested incorporating the two separate stocks, Gulf coast race and Atlantic coast race, into the profile. The Gulf coast race fish is better able to tolerate warmer waters and USF&WS is trying to make them available for use in management programs in the future. Vernon Minton thought the two should be treated separately because they may need to be managed separately. There was discussion on handling/holding brood stock and the FMP will address the issue.

L. Nicholson began reviewing Mississippi's portion of the profile by following the items of the species profile outline and briefly relaying his findings. Discussion of his findings and those of the others resulted in changing the wording of the original outline in some places. It was decided to include nomenclature and taxonomy (4 or 5 lines) in the introduction, and meristics and morphology of the different stocks in the description.

After much discussion it was decided that including hatchery data relative to tolerances and conditions on eggs and larvae and juveniles nutrition (food habits) would be pertinent. Hatchery data for juveniles should be compared to natural data and if way out of line should not be included. The information used should be qualified - hatchery or natural. Where there is no natural data, the need for natural data should be stated.

The Subcommittee's interpretation of migration was seasonal or patterned movement downstream at a certain time of year, every year;

TCC Anadromous Fish Subcommittee
MINUTES
Page 3

movement would be unpatterned, random movements not regularly or at any specific time of year.

In describing population, good abundance data may not be readily available; reproduction and recruitment should be described as well as mortality and influencing factors on the population should be addressed separately. L. Nicholson stated that this section will be of critical importance to the management plan as the goal is to establish a naturally reproducing population.

Due to existing data gaps on predation a general statement may be written to cover the subject.

The meeting adjourned at 5:00 pm.

Tuesday, July 17, 1984

The meeting was called to order at 8:45 am by the Chairman. W. Tatum welcomed the group to Claude Peteet Mariculture Center, commented on their striped bass program and invited everyone to tour their facility. L. Nicholson thanked them for hosting the meeting. L. Simpson introduced Jim McCallum from the Atlantic States Marine Fisheries Commission.

Discussion resumed on the outline - description of habitat. V. Minton suggested getting the profile by Johnny Crantz (USF&WS) which is in final review for use as background information. The profile would cover every parameter with the possible exception of environmental contaminants. L. Nicholson said the Subcommittee would utilize that knowledge if at all possible. L. Nicholson said that pH data should be included in this section if available.

Under item D, management institutions should be listed along with brief descriptions; the various laws that may affect the management unit should be listed.

Description of fishing activities discussion should indicate if there is no commercial fishery. B. Byrd said value or potential value should be addressed under commercial and recreational. As all agreed, the outline was changed to read effort and value.

L. Nicholson said the management measures section should be what the Subcommittee would recommend for management. The outline was changed to read Management Recommendations. V. Minton asked what others had in mind for management measures, regulations, etc. General problems were mentioned involved with getting the fishery reestablished: potential of the commercial impact on the fishery - like to see similar laws instituted for saltwater as freshwater and retain ability for fishermen to market; worried with maximum size - like to see 1 or 2 fish limit of fish over 30-36 inches.

L. Nicholson suggested that each member go back to his respective State, put a lot of thought into the Management Recommendations section, and make sure it says what each state wants. L. Simpson said the plan would be unified but not standardized.

B. Byrd said that if the Subcommittee wanted to receive funding for FY 85, they should go a step beyond a profile, the needs should be described and priorities should be set. Although it was determined impossible to get 90-10 funding for FY 85 as there would not be enough time for a plan to go through administrative channels, the Subcommittee will continue to work toward a plan. The effort could enhance chances for 66 2/3 funding.

L. Nicholson said that each member should refine his portion, after which individual sections could be edited by assigned members. E. Crateau moved the Subcommittee follow that suggestion. Sections were assigned as follows: Introduction - Gary Saul; Description of Stock(s)... - Arthur Williams; Description of Habitat - Larry Nicholson; Fisheries Management Jurisdiction... - Vernon Minton; Description of Fishing Activities... - Ed Crateau; and Management Recommendations - Alan Huff.

Following the list of items on Interim Criteria the only major category not addressed for a plan was socio-economics. The handling of the socio-economics section of the Atlantic States Marine Fisheries Commission's Plan was discussed. It was decided to address socio-economics as best as possible; the outline was changed to reflect the addition. L. Nicholson will edit that section.

TCC Anadromous Fish Subcommittee
MINUTES
Page 5

L. Nicholson told C. Mesing that if his agency (FL Game & Freshwater Fish Commission) would ever want to apply for 90-10 funding it was necessary for them to be involved in this project. C. Mesing will meet with Forrest Ware and Smokey Holcomb for discussion. Because Florida has not developed a profile at this point, they may want to make comments supplementing information on the profile by E. Crateau.

The time frames established were: July 23 - have revised outline (with notation of section editors) to members; Aug. 17 - have individual completed reports to each member; Sept. 7 - have complete edited sections in Commission office; Commission combine, put "draft" on each page, copy and send to members quickly for in-house reviews; Sept. 28 - have all back in Commission office for final typing to submit to Commissioners in October.

L. Villanova mentioned a D-J expansion update on August 7 at Howard Johnsons (Airport) in Atlanta.

A. Huff said condensing should be done by section editors wherever possible, and when necessary to talk of the States individually, they should be mentioned from Texas to Florida - west to east.

A. Huff moved to include Forrest Ware, Florida Game & Freshwater Fish Commission as a member of the Subcommittee. The motion passed. The meeting adjourned at 11:55 am.

Respectfully submitted,

Larry C. Nicholson
Chairman

TCC ANADROMOUS FISH SUBCOMMITTEE
July 16-17, 1984
Gulf Shores, Alabama

LIST OF ATTENDEES

R. Vernon Minton	ADCNR/Mar. Res. Div., Gulf Shores, AL
Lou Villanova	USF&WS, Atlanta, GA
Alan Huff	FDNR, St. Petersburg, FL
Larry C. Nicholson	Gulf Coast Research Lab, Ocean Springs, MS
I. B. "Buck" Byrd	NMFS, St. Petersburg, FL
Walter M. Tatum	ADCNR/Mar. Res. Div., Gulf Shores, AL
Charles Mesing	FG&FFC, Tallahassee, FL
Arthur M. Williams	LDWF, Baton Rouge, LA
Ed Crateau	USF&WS, Panama City, FL
Larry B. Simpson	GSMFC, Ocean Springs, MS
Lucia B. O'Toole	GSMFC, Ocean Springs, MS
Jim McCallum	ASMFC, Washington, DC

CONFERENCE REPORT:

SEAMAP-Gulf/SEAMAP-SA/ NMFS Funding Schedule

Introductory Remarks

As previously communicated to members of the respective SEAMAP Subcommittees, NMFS-Mississippi Laboratories and SERO, a joint meeting between SEAMAP and NMFS Administrative personnel was held at 2 p.m., Tuesday July 17, 1984 at the Alabama Department of Conservation and Natural Resources, Gulf Shores, AL; A. Kemmerer presiding. The stated purpose of this conference was to provide jointly negotiated recommendations for allocating anticipated FY1985 SEAMAP funds.

Attending the meeting were:

Andrew Kemmerer, NMFS-Mississippi Laboratories
Walter Tatum, Chairman, SEAMAP-Gulf
Alan Huff, Chairman, SEAMAP-SA
Buck Byrd, NMFS-SERO
Larry Simpson, Gulf States Marine Fisheries Commission
Jim McCallum, Atlantic States Marine Fisheries Commission
Walter Nelson, NMFS-Pascagoula
Peter Eldridge, Coordinator, SEAMAP-SA
Nikki Bane, Coordinator, SEAMAP-Gulf

Item 1 - Meeting Plan

A proposed agenda, negotiation guidelines and planning worksheets were distributed by Andy Kemmerer. The agenda was modified slightly to expedite negotiations and suggested negotiation guidelines accepted (page 2, Attachment A). At Andy's request, it was agreed that the coordinators would issue a joint report of the meeting as soon as possible. Participants were urged to adopt as meeting keynotes candor and resolution of all issues (or, alternately, identification of issues preventing resolution.

Important funding considerations were noted by Andy Kemmerer and Pete Eldridge:

- 1) The total allocation will likely be \$1 million.
- 2) At 4% surcharge applicable to NOAA funds may be imposed.
- 3) At this date, budget items specified or suggested for unanticipated sources are not known.
4. Although the allocation is a NMFS budget item, it should still be regarded as "soft" money at this time.

Item 2 - Administration of Funds

Buck Byrd reviewed options available for administering programmatic funds, noting that appropriation procedures (options) will largely depend on the wording of the congressional act itself. He discussed the

CONFERENCE REPORT

Page two

impact of the FARB procedure on allocation options, pointing out that regardless of whether funds are 1) contracted to the regional Marine Fisheries Commissions for subcontract to the states, or 2) contracted directly to the states through individual state/Federal (SERO) agreements, the FARB procedure will still be required. It was felt that the prior submission of a basic regional plan might expedite subsequent state/Federal agreements. Three additional points were emphasized:

- 1) The only way around FARB is through earliest possible submission of proposals.
- 2) Commission administration will be more costly because of necessary overhead.
- 3) Program administration will be perceived more favorably if both regions utilize the same procedure.

RESOLVED BY CONSENSUS:

- 1) SEAMAP-Gulf will utilize the state/SERO procedure outlined in its Operations Plan.
- 2) Both funding options will be presented at the August 7-8 SEAMAP-SA meeting and the group encouraged to adopt the more cost-effective state/SERO option.

Item 3 - Recommended FY1985 Budget Targets

Projected funding requirements information was distributed by Walter Tatum (Attachment B), Peter Eldridge (Attachment C) and Andy Kemmerer (Attachment D). Explanatory information on the SEAMAP Data Management System functions (Attachment E) was also distributed by Andy Kemmerer. The SEAMAP-SA Program distributed copies of a position letter from Robert Mahood of North Carolina (Attachment F).

Subsequent discussion focused on determining costs common to both programs: data management, specimen archiving, and administration. Pete Eldridge noted a need for specific data management system design that would incorporate elements from both regional programs, and, with Andy Kemmerer, discussed possible impacts on the program from a potential conversion of existing NMFS computer facilities to a privately contracted (A-76) system. The most severe effect of such a change would probably be a significant increase in costs. Andy Kemmerer assured that a system design will be done upon request of the program.

Two alternative budget targets were determined. In the first option, the following costs were identified:

- | | |
|--|------------|
| 1) fixed costs (data management, specimen archiving, administration) | \$ 290,000 |
| 2) SEAMAP - SA | 177,500 |
| 3) SEAMAP - Gulf | 532,500 |

CONFERENCE REPORT

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The second alternative budget (page 5 of Attachment A) was derived from adjustments to both operations plans, based on the anticipated 44.5% reduction of funds to \$1 million.

RESOLVED BY CONSENSUS:

To recommend to NMFS and the respective SEAMAP programs the adoption of Alternative II (adjusted from operations plans) as the preferred budget, with Alternative I as a secondary endorsement; both options to be presented to the South Atlantic Board about August 20th and the State Director's meeting on July 25 for their approval.

Item 4 - Funding Schedule

Buck Byrd urged both programs to prepare proposals and documentation by October 1, 1984 if funding implementation is desired by January 1, 1985.

RESOLVED BY CONSENSUS:

To present to Dick Berry (NMFS, SEFC) through Andy Kemmerer, the determined budget targets after Pete Eldridge has had the opportunity to advise Ed Joseph (SC) and Bob Mahood (NC) of the selected options, and has attempted to resolve South Atlantic program conflicts.

Item 5 - Concluding Remarks

Participants were urged to proceed toward regional state program funding targets in accordance with selected funding options. Program coordinators will inform all SEAMAP participants of developments.

ATTACHMENT A

AGENDA
JOINT MEETING OF GULF AND SOUTH ATLANTIC SEAMAP
JULY 17, 1984

1. INTRODUCTION A. Kemmerer
 - A. Purpose of Meeting
 - B. Discussion Guidelines
 - C. Status of FY 1985 SEAMAP Funds

2. ADMINISTRATION OF SEAMAP FUNDS B. Byrd
 - A. Discussion of Options
 - B. Impact of FARB
 - C. Selection of Option

3. FUNDING SCHEDULE B. Byrd/A. Kemmerer
 - A. GSMFC Approval Cycle
 - B. ASMFC Approval Cycle
 - C. Gulf State Approvals
 - D. Atlantic State Approvals
 - E. NMFS Approvals

4. RECOMMENDED FY 1985 BUDGET TARGETS A. Kemmerer
 - A. Gulf SEAMAP Program
 - B. GSMFC Administration
 - C. South Atlantic Program
 - D. ASMFC Administration
 - E. NMFS Program
 - F. NMFS Administration
 - G. Florida Specimen Archiving
 - H. SEAMAP Data Management
 - I. Discussion of Targets
 - J. Recommended Targets

5. COORDINATION REQUIREMENTS FOR RECOMMENDED TARGETS A. Kemmerer
 - A. State Director's Meeting, July 25, 1984
 - B. Gulf States
 - C. Atlantic States
 - D. NMFS

6. OTHER BUSINESS

SUGGESTED GUIDELINES FOR
BUDGET NEGOTIATIONS

1. Purpose of negotiation is to provide recommendations. Recommendations are non-binding.
2. SEAMAP-Gulf, SEAMAP-SA, and NMFS each will have one vote (Tatum, Huff, and Kemmerer). Minority or unresolved issues/positions will be recorded.
3. Target recommendations will be limited to:
 - o Gulf SEAMAP
 - collective state program
 - NMFS program
 - specimen archiving
 - data management
 - Commission administration
 - NMFS administration
 - o South Atlantic SEAMAP
 - collective state program
 - NMFS program
 - specimen archiving
 - data management
 - Commission administration
 - NMFS administration

WORKSHEET
PLANNING/PROPOSAL/FUNDING SCHEDULE
SEAMAP 1985

JULY 17, 1984

Steps	Date (1984)	Comments
1. Recommended Gulf and South Atlantic Program Budget Targets	July 17	
2. Approval of Recommended Targets	_____	
3. 1985 Program Priorities	_____	
4. State and Commission 1985 Targets	_____	
5. Recommended 1985 Gulf and South Atlantic SEAMAP	_____	
6. TCC-State/Federal Board Approval	_____	
7. Gulf and Atlantic States Commissions Approval	_____	
8. Gulf and Atlantic States Commissions Recommendations to NMFS	_____	
9. States Proposals to NMFS		
10. NMFS Approval of Proposals	_____	
11. NMFS Submission of SEAMAP to NOAA	_____	
12. Funds to States/Commissions		

WORKSHEET - I
SEAMAP FY 1985 BUDGET TARGETS
JULY 17, 1984

Program Element	Operations Plan (\$K)	Recommended Targets (\$K)	Comments
GULF OF MEXICO			
States Program	667	_____	
NMFS Program	578	_____	
Specimen Archiving	58	_____	
Data Management	145	_____	
Commission Administration	90	<u>90</u>	
NMFS Administration	<u>0</u>	<u>0</u>	
Total	1,538	_____	
SOUTH ATLANTIC			
States Program	160	_____	
NMFS Program	8	_____	
Specimen Archiving	5	_____	
Data Management	53	_____	
Commission Administration	37	<u>35</u>	
NMFS Administration	<u>0</u>	<u>0</u>	
Total	263	_____	
GRAND TOTAL	<u>1,801</u>	<u>1,000</u>	

WORKSHEET - II
 SEAMAP FY 1985 BUDGET TARGETS
 JULY 17, 1984
 (ALTERNATIVE II)

Program Element	Operations Plan (\$K)	44.5 % Reduction (\$K)	+ Adjustments (\$K)	Recommended Target (\$K)
GULF OF MEXICO				
States Program	667	370	+ 10	<u>388</u>
NMFS Program	578	321	- 121	<u>200</u>
Specimen Archiving	58	32	+ 15	<u>47</u>
Data Management	145	80	+ 46	<u>120</u>
Commission Administration	90	50	+ 20	<u>70</u>
NMFS Administration	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	1,538	854		<u>817</u>
SOUTH ATLANTIC				
States Program	160	89	+ 5	<u>101</u>
NMFS Program	8	4	+ 1	<u>5</u>
Specimen Archiving	5	3	0	<u>3</u>
Data Management	53	29	20	<u>49</u>
Commission Administration	37	20	5	<u>25</u>
NMFS Administration	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	<u>263</u>	<u>146</u>		<u>183K</u>
GRAND TOTAL	<u>1,801</u>	<u>1,000</u>	<u>0</u>	<u>1,000</u>

ATTACHMENT B

SEAMAP BUDGET 1984-85

I. At - 1.538 million for FY-1 - Year 1, Operation Plan

State Needs	-	\$724,960
NMFS/SEFC	-	723,000
GSMFC	-	90,000
		<u>\$1,538,000</u>

II. If reduced to 1.0 million for FY-1 (at relative reduction)

State Needs	-	\$471,370
NMFS/SEFC	-	470,090
GSMFC	-	58,540
		<u>\$1,000,000</u>

III. If reduced by what Atlantic SEAMAP desires, i.e., \$250,000, Gulf SEAMAP then becomes

States Share	-	\$353,527.00
NMFS/SEFC	-	352,567.00
GSMFC	-	43,905.00
		<u>\$749,999.00</u>

IV. What Gulf needs to operate to show results, and therefore retain profile for future funding

States Share	-	\$437,000.00
NMFS/SEFC	-	373,000.00
GSMFC	-	67,500.00
		<u>\$877,500.00</u>

V. Starting point negotiable balance for SA-SEAMAP

- \$122,500.00

Table 7.1 Projected SEAMAP-SA Additio Funding Requirements for First Five Fiscal Years of Program (in thousands of dollars).

<u>Monitoring Surveys</u>	FY 1	FY 2	FY 3	FY 4	FY 5	Total
Shallow Trawling		137	137	137	137	548
Passive Gear		25	80	100	120	325
Seining & Gillnetting			25	50	50	125
Midwater/Highrise Trawling	8	8	8	25	75	124
Plankton	5	10	10	10	10	45
Subtotal	13	180	260	322	392	1,167
<u>Non-Recurring Tasks</u>						
Methodology Passive Gear			100	100	100	300
Methodology Midwater/Highrise					40	40
Tagging & Rewards			26	26	26	78
Bottom Mapping	125	50	50	50	25	300
Calibration of Gear	35	5	10			50
Stock Identification		30	30	30	30	120
Data Management	53	50	90	90	90	373
Subtotal	213	135	306	296	311	1,261
Administration, Meetings & Workshops	37	60	60	60	60	277
Total	263	375	626	678	763	2,705

ATTACHMENT D

SEAMAP DATA MANAGEMENT

Three levels of data management are proposed for FY 1985: minimum, moderate, and recommended. Funding estimates are based on NMFS personnel costs. It is assumed the quantity of SEAMAP data will roughly double in FY 1985 from 1982 or 1983, and approximately 50 percent of the increase will be from the states. No separation of the Gulf and South Atlantic SEAMAP programs is assumed.

MINIMUM SYSTEM

Description: A barebones system which would combine 1982, 1983, and 1984 data into a single file, handle 1985 data, process, quick-time data, and provide data listings (or tapes) in response to user requests.

The system would not:

- o be interactive with the states/commissions
- o provide terminal hardware to the states/commissions
- o provide analytical summaries
- o provide specialized output software such as graphics (e.g. counters)
- o provide system documentation

The system would:

- o accept all SEAMAP data
- o provide mechanism for editing data by states and NMFS
- o integrate past and current data into single file
- o support quick-time data reports
- o provide sorted data listings and tapes through the SEAMAP data manager

Estimated cost: \$101,800

MODERATE SYSTEM

Description: The moderate system would provide integrated data files, respond to user requests, plus provide system documentation, atlas software, and software for interactive terminal access of the SEAMAP data management system.

The system would not:

- o provide terminal hardware for the states/commission
- o provide analytical software or summaries
- o be fully interactive with the states/commissions
- o provide user training

The system would:

- o meet all minimum system requirements
- o provide system documentation
- o provide atlas software
- o provide basic input/output terminal software

Estimated cost: \$226,000

RECOMMENDED SYSTEM

Description: The system would manage all SEAMAP data in an interactive mode with state participants by providing hardware/software for interactive data entry, display, edit, and listing. System would have access controls and the central system would be managed and updated by the SEAMAP Data Manager.

The system would not:

- o provide analytical summaries
- o provide specialized outputs

The system would:

- o provide hardware/software for interactive data processing and output by program participants
- o provide comprehensive user training
- o provide generalized atlas software
- o provide full system documentation
- o provide coordination of software development

Estimated cost: \$299,600

ATTACHMENT E

SEAMAP DATA MANAGEMENT 1984/1985

Function	Description	Estimate
(1) Data Transcription	Transcribe approximately 373 groundfish stations by states	175 hours (D)
	373 stations * 30 min. \cong 175 hours	
(2) Data Entry	Enter 22,248 records	445 hours (D)
	22,248 * 50/hour = 445 hours	
(3) Data File Transmission Program Development	Build files and transmit data	100 hours (P)
(4) Edit Reports	Prepare edit listings	200 hours (P)
(5) Edit Data	Review edit listings and mark errors	610 hours (D)
	Estimate 15 minutes per station	
	2,438 stations * 15 = 36,570 = 610 hours	
	$\frac{1,042*}{2,438} 610 = 261$ hours State = 349 hours Federal	
(6) Error Correction	Correct errors in files and make new listings	500 hours (D)
(7) Build 1984/1985 Groundfish File	Merge Federal and state groundfish data into single formatted file and make formatted listing for archival	300 hours (P)
(8) Build 1984/1985 Environmental File	Merge Federal and state environmental data into single formatted file and make formatted listing for archival	300 hours (P)
(9) Build Ichthyoplankton Master File	Retrieve 1982/1983 and 1983/1984 ichthyoplankton data, build master file, and make formatted listing for archival	400 hours (P)

(10)	Build Groundfish Master File	Retrieve 1982/1983, 1983/1984, 1984/1985 data, build master file, and make formatted listing for archival	400 hours (P)
(11)	Build Environmental Master File	Retrieve 1982/1983, 1983/1984, 1984/1985 data, build master file, and make formatted listing for archival	400 hours (P)
(12)	Build Groundfish, Environmental and Ichthyoplankton Master File	Retrieve 1982/1983, 1983/1984 data from all three sources, build master file, and make formatted listing for archival	600 hours (P)
(13)	Respond to Data Request	Provide listings and/or tapes of files to users (no program summaries or statistics)	500 hours (P)
(14)	Provide Near Real Time Data	Acquire and process ATS-3 data from Oregon II	240 hours (P)
			240 hours (D)
		Technical Publications Cost	\$ 3,000
		Burroughs Computer Cost	\$10,000
		Projected Travel	\$ 5,000
(15)	Software Documentation	Prepare computer Program documentation	1,340 hours (P)
	System Overview Documentation	Prepare system Overview documentation	300 hours (P)
	Typing		1,040 hours (T)
	Technical Publication Cost		\$10,000
(16)	Data Entry Development System	Specify and procure microcomputer for data entry and data edit prototype	

(16) cont'd

- | | |
|---|--------------------|
| (A) Requirements and Acquisition
(7-month procurement cycle) | 100 hours
(P) |
| (B) Software Development | 2,080 hours
(P) |
| (C) Burroughs Computer Time Cost | \$3,000 |
| (D) Microcomputer Cost | \$4,000 |

NOTE: Assume use of dial-up network contracted by SEFC.

(17) Atlas Software Development	Development of software to assist in preparation of yearly data atlas	1,020 hours (P)
---------------------------------	---	--------------------

(18) Data Entry/Edit Systems Procurement

Procure 8 systems for states

- | | |
|--------------------------------|--------------------|
| (A) Hardware Cost | \$45,000 |
| (B) Training and Documentation | 1,000 hours
(P) |
| (C) T.I. Terminal 765 for Ship | \$3,000 |
| (D) Travel | \$5,000 |

COST SUMMARY

A. Items 1 - 14

(1)	3,340 hours programmer time	\$ 66,800
(2)	1,634 hours data entry and processing	15,000
(3)	Burroughs computer time	10,000
(4)	Travel	5,000
(5)	Technical publications and forms	3,000
(6)	Computer supplies	2,000
		<u>\$ 101,800</u>

B. Items 1 - 17

(1)	8,180 hours programmer time	\$ 163,600
(2)	1,040 hours typing	7,000
(3)	1,634 hours data entry and processing	15,000
(4)	Burroughs computer time	13,000
(5)	Travel	5,000
(6)	Technical publications and forms	13,000
(7)	TI-765 and microcomputer hardware	7,000
(8)	Computer supplies	3,000
		<u>\$ 226,000</u>

C. Items 1 - 18

(1)	9,180 hours programmer time	\$ 183,600
(2)	1,040 hours typing	7,000
(3)	1,634 data entry and processing	15,000
(4)	Burroughs computer time	16,000
(5)	Travel	10,000
(6)	Technical publications and forms	13,000
(7)	TI-765 and microcomputer hardware	50,000
(8)	Computer supplies	5,000
		<u>\$ 299,600</u>



North Carolina Department of Natural Resources & Community Development

James B. Hunt, Jr., Governor

James A. Summers, Secretary

DIVISION OF
MARINE FISHERIES

Robert K. Mahood
Director

Telephone 919 726-7021

July 12, 1984

Mr. Allen Huff
Florida Dept. of Natural Resources
Marine Research Laboratory
100 Eighth Avenue, SE
St. Petersburg, Florida 33701

Dear Allen:

By way of this letter, I am authorizing you and Pete Eldridge to attend the Seemap meeting in Gulf Shores, Alabama on behalf of the South Atlantic Board. I have discussed the funding for the Seemap program with the board members and we feel that an equitable split of the funds the first year would be 25% South Atlantic and 75% Gulf of Mexico. This level of funding would satisfy the needs of projects that have been identified for the first year by the South Atlantic States and NMFS. We will accept this split the first year with the understanding that the funding ratio would move toward a 50-50 split in subsequent years as the South Atlantic Seemap Program becomes fully developed. If you require any further guidance or any problems arise, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Bob".

Robert K. Mahood
Director

RKM/bss

cc: Pete Eldridge
Ed Joseph
Duane Harris

APPROVED BY:

COMMITTEE CHAIRMAN

Lott/McIlwain Task Force Workshop
Minutes
Tampa, Florida

Tuesday, August 21, 1984

L. Simpson, Chairman, called the third workshop of the Task Force to order at 1:11 pm. The minutes of the Houston workshop were accepted with the addition of Corky Perret's input on page 1 (suggestions received on Section 4). The first day's agenda was approved.

L. Simpson had a cover layout suggestion passed out to members. R. Anderson commented that he sees the Commission as the lead agency and likes the cover showing the Gulf as the first phase. He mentioned that he is optimistic that the long-term goals of the initiative will have an economic development thrust and that hopefully this document along with the South Atlantic's will show that thrust and receive good constituent support. L. Simpson said that a goal upon entering this project was the integration of this work with the South Atlantic. An economic development thrust will be an integral part and all issues (management, pure science, etc.) will be studied.

R. Anderson informed the Task Force of the Foundation Board meeting on October 3 (in Savannah, GA) in conjunction with the Atlantic States Marine Fisheries Commission meeting; the Consultants and L. Simpson are invited to brief State Directors on the role the Gulf has taken and invite them to come on line. R. Anderson sees their volume as matching this one section for section except being for the South Atlantic.

B. Brown commented that science and management are not a matter of a dichotomy, all are tied together and should be studied to show how to support rational development. W. Swingle said he had problems with determining developmental needs of industry. R. Anderson said that if the ultimate user groups' interests are not well identified, the project would be useless. L. Simpson stated that great care was taken to include everyone and still have a working (manageable) group and that each member on the Task Force represents a broad base. J. Y. Christmas said that specific problems are expected to be turned in from each member, including the Foundation. L. Simpson said that the review process would produce even more input.

J. Greenfield said that just the word "research" in the title did not communicate the concept and that the Task Force had previously

agreed on "research and development". Much discussion of possible titles followed, with suggestions including Marine Fisheries Initiative, Southeast Marine Fisheries Initiative, and Marine Fisheries Enhancement Initiative. R. Becker remarked that the title should reflect what is going to be done with the document. Further title suggestions were A Proposal for Accelerated Development of Southeast Marine Fisheries Research, and Accelerated Development of Southeast Marine Fisheries Research. Decision on a title was delayed until Wednesday morning. R. Becker offered the services of his illustrator to come up with alternative cover designs.

T. McIlwain handed out copies of a letter from Al Jones to B. Brown and a first draft of the table concerning commercial and recreational values and potential yield. The table will be inserted in Section 3. The letter stated three questions to be addressed. T. McIlwain summarized the Task Force's answers to those questions: 1) use the latest data that exists and footnote the year, 2) set up a group to make a judgement call on values, and 3) include additional columns to indicate potential yield in pounds and employment potential. J. Greenfield asked if existing capital investment should be identified. He felt an informed estimate could be made ($\pm 20\%$) and then an explanation follow in the text. As a starting point for potential yield the consultants will pull the figures from the Section 3 write-ups. Discussion was tabled until 2:30 Wednesday when a consensus will try to be reached as to what the table should include.

Changes and additions to the section on Draft Research Projects were as follows: add Trachypena spp. to shrimp unit, add octopus (common name) to Marine Mollusks, change "Crabs and Other Crustaceans" to "Crabs and Lobsters", delete banded drum (listed twice) and black drum from Bottomfish, add Gulf sturgeon - Acipenser desotoi added to Anadromous/Catadromous, and on 3.3(d) delete benefit/cost ratio. Last paragraph changes were "We have, however, listed each species..." and "units per se. ~~and~~ Species..."

A draft on coral was passed out for review. J. Y. Christmas said that only species of commercial value were listed. A. Huff stated that soft corals exist which may have commercial value and he will see what

should be added. R. Becker suggested adding sponges as a research unit. The consensus was to add it to the coral (Corals and Sponges). R. Anderson will send sponge study to consultants. A. Huff will write up problems on sponges.

R. Condrey asked if the draft reports could be put together in a titled volume for reference. R. Anderson and L. Simpson will work on the idea of assembling the reports, perhaps 50 sets as "working papers", to be distributed to each member and others on request.

D. Etzold briefly reviewed the schedule for project completion by January 15, 1985. A draft document will be sent out to Task Force members for review by October 1. R. Anderson expressed concern for allowing enough time for constituent review of the draft final document.

The first day's session adjourned at 4:55 pm until 8:30 am Wednesday.

Wednesday, August 22, 1984

The session was called to order at 8:37 am by L. Simpson. The agenda for the day was adopted as presented. L. Simpson asked for further suggestions on document title and cover layout. The suggestions included: A Congressional Initiative for Accelerated Development of Southeast Marine Fisheries Resources, Southeast Marine Fisheries Proposal for Accelerated Research Needs and Development Leading to Full and Wise Use of Fishery Resources (Gulf of Mexico Phase), Research Initiative for Optimum Marine Fisheries Development, Congressional Initiative for Accelerated Marine Fisheries Development, and Marine Fisheries Research and Development Initiative. W. Swingle asked if a cover letter with signatures by the initial Congressional supporters would be appropriate. T. McIlwain will work on a cover letter. After much discussion R. Rayburn made the motion for the Consultants and Chairman to take the input and consult with others as needed to come up with a title. The motion carried with no objections. R. Becker's illustrator will work on the cover layout with substantive changes and have several designs to L. Simpson as soon as possible. L. Simpson will inform R. Becker of title decision. The Task Force will review the cover layout at the October meeting.

T. McIlwain had J. Cato and J. Greenfield's section 2.2 handed out. Commenting on their input, J. Cato said it was a commercial overview of the situation and he thought that Ron Schmied, NMFS, could draft a recreational counterpart. As that was the consensus, T. McIlwain called and invited R. Schmied to attend the session. Further discussion was delayed until R. Schmied's arrival later in the day.

D. Etzold began discussion on Section 4. L. Simpson said it was critical to not show a new staff but to show existing mechanisms charged with handling the responsibilities. W. Swingle asked if the Board would have the final decision on grants issued or would it be merely an advisory board to NMFS, and would the South Atlantic be brought into the Board. L. Simpson said the Board would deal only with Gulf issues but integration later on would need to be discussed. J. Greenfield said the burden of managing the program would fall on the Board but NMFS would have the final decision. The charter should establish the issue of the functional relationship of the Board to NMFS. A. Kemmerer summarized the lengthy discussion as follows: 1) NMFS will administer the program, 2) Management Board would be established with maximum representation as appropriate, 3) Management Board would function primarily to provide guidance, priorities and review programs, and 4) NMFS would provide staff to insure that function is carried out efficiently. J. Cato drew a model showing his interpretation of A. Kemmerer's summary. D. Etzold asked if anyone had problems with the general framework. C. E. Bryan and several others did not concur with the formation of a management staff, but as there were no other objections the model will be written up.

T. McIlwain suggested R. Schmied take J. Cato's input and draft a recreational companion to it. J. Cato is to change his introductory paragraph and send to the Commission office. The new 2.1 and 2.2 will be sent out for review. A. Kemmerer suggested further discussion on J. Cato's input. A. Kemmerer, C. E. Bryan, B. Brown and R. Rayburn made comments which related to the two objectives of the L/M document - maintaining existing fisheries and looking into development of new fisheries. J. Cato felt he could shorten his input following those two themes. T. McIlwain asked those making comments to send them to J. Cato by August 29. J. Greenfield asked if it was the Task Force's intent to

study the social impacts of the changes that are occurring and perhaps recommend mitigating measures. T. McIlwain suggested all give thought to that idea.

T. McIlwain briefed R. Schmied on the table developed by B. Brown and on the suggestions for changes in the table. R. Schmied said he had problems because estimates done are not species based - 1980 estimates on value are not broken down by fishery. T. McIlwain said a group of economists will come up with values. B. Brown said to find potential yield the Consultants will pull all the estimates in the individual write-ups and the Center will fill in the gaps. J. Greenfield, J. Cato and R. Schmied will work together to come up with values and the group will have the freedom to suggest alternative columns.

D. Etzold resumed discussion on Board membership. A. Kemmerer suggested the Task Force go as far as possible in identifying members. The final decision was an 11 man Board - GSMFC, NMFS, GASAFDFI, Sea Grant, States, GMFMC, Commercial Representatives (2), and Recreational Representatives (3) - soliciting input from the numerous advisory groups in existence. J. Cato recommended the Commission contact the various designated groups and request representation. B. Brown said the representation should consider both established and newly developed areas. J. Cato moved the Consultants write-up the alternative with the 11 man Board relying/functioning heavily with advisory groups.

R. Becker's thoughts on the responsibilities of the staff to the Board included: establish peer review process, proposal evaluation, prepare management summaries of work in progress, make sure reports are filed in timely manner, submit annual reports, and establish a data bank. R. Condrey said they should also be responsible for information dissemination with respect to results of research. A. Huff suggested the staff consist of three persons - NMFS fiscal type, Coordinator with writing skills, and Executive Secretary/Administrative Assistant. R. Becker thought there should be experts for habitat, utilization, harvesting and assessment. R. Rayburn suggested that the location be established before a determination on the size of the staff. Location suggestions included by itself, Southeast Regional Office, Southeast Fisheries Center, Commission, state lab, university, and NMFS lab.

B. Brown said a center facility would allow relatively easy access to up-to-date area-wide information. The current plans are to initially locate the staff on the Mississippi Gulf Coast in an existing facility. The consensus was for the staff to consist of a program manager (probably GS-14 level) and an administrative assistant/secretary - minimal at present with other staff appointments being made as required.

T. McIlwain asked everyone to look at the matrix format and draft on coral. J. Y. Christmas said the format for the table in Section 5, Research Action Program Summary, needed to be discussed and agreed on.

The session adjourned at 5:03 pm until 8:30 am Thursday.

Thursday, August 23, 1984

L. Simpson called the session to order at 8:33 am. D. Etzold called attention to the draft on Section 5. Discussion resulted in many suggested changes/additions which will be incorporated in a revised draft and mailed out for review. The decision model (5.4) was deleted.

The draft on Section 6 was reviewed. General suggestions including changing the tense from conditional to future, emphasizing the peer review process and existing peer review process, and developing a model to show the process flow. R. Condrey felt the procedures should be spelled out as much as possible in the Operational Plan. D. Etzold said the Task Force was a planning group and the Operational Plan would be developed by the Board. R. Becker suggested changing the language in 5.1 to "The first action of the Board will be to develop and adopt an Operational Plan to assure that:" so that the monitoring and evaluation procedures might not need to be spelled out except in terms of general principles. Suggested changes will be incorporated in a revised draft and mailed out for review.

J. Y. Christmas briefly addressed Section 1, asking how much the Task Force wanted to put in the Executive Summary and if they wanted it separate from the document. He stated it would follow the format of the document, summarizing the information. A draft will be begun in the next few weeks. Both J. Y. Christmas and A. Kemmerer suggested a separate Executive Summary.

D. Etzold reviewed the homework assignments (attached). Updated schedules were passed out and D. Etzold said the Task Force would meet on October 15 (Monday) 9 am - 5 pm in New Orleans. Everyone should have comments in hand relative to the draft document and all day will be spent reviewing the draft. Anyone who cannot attend the meeting should have their comments to the Consultants. Subcommittees may be formed to resolve any problem areas. On October 18 (Thursday) 8 am - 11 am is reserved for the Task Force. A 15 minute progress report will be made to the TCC/GSMFC after the Task Force meeting. L. Simpson will give a brief update to the Council at their September meeting. The Consultants will talk with ASMFC on October 3 and report back to the Task Force on the reception there. A formal program with slides is being prepared. D. Etzold feels the project is on schedule (tight) and can continue on schedule provided no large problems arise.

T. McIlwain revised the table previously discussed to reflect the recommended changes (attached). There was discussion regarding what should be reflected - employment, number of people affected. J. Greenfield, J. Cato, and R. Schmied will see what they can come up with in that area (maybe two or three things).

J. Y. Christmas apologized for being late answering letters and acknowledging good response. He expressed appreciation to B. Clark for the additional effort put forth by him on the reef fish report.

The coral draft was agreed on. Sponges will be written up similarly. J. Y. Christmas discussed how the matrix (Table 3) will be filled in. The information will be taken from the early reports and the gaps will be filled in. J. Greenfield will define "macro" and "micro" for inclusion in column 6. The table is trying to indicate areas of problems or voids of information. A. Kemmerer suggested including in the table legend that statement of research needs does not imply a priority. Suggestions included listing individual species rather than research units and adding two additional columns - recreational values and commercial values/and or potentials. The consensus was to go with B. Brown's suggestion that the Consultants and Chairman, using the draft reports, determine a summary of significant species, grouping some and singling out others (2-3 pg. table). J. Greenfield said top priority

work could be determined by three criteria: 1) is species currently of commercial interest, 2) is that resource currently under state or Council management, and 3) is it under pressure for management (recreational or commercial). There may be only 25-30 that meet all three criteria, those would be top priority. Second priority would be assigned those that the Task Force thinks might have commercial potential or recreational interest. All else would have low priority. J. Y. Christmas said there was no intent to show priority in Table 3, if the group wants to include priority a more detailed indication of what is put into the table is needed. He said criteria is needed for selecting those projects that will go on 3.3 and the above criteria may apply. The Consultants will take the information from the reports to create a first draft of 3.3 and mail out for review (for both forms).

The third workshop of the Task Force adjourned at 12:09 pm.

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PARTICIPANTS
August 21-23, 1984 Workshop
Tampa, Florida

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August 21-23, 1984 Workshop
Tampa, Florida
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August 21-23, 1984 Workshop
Tampa, Florida
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August 21-23, 1984 Workshop
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Representing

Rec. fishing
industry

Rec. fishing
industry

Attendee

Self

Self



APPROVED BY:

W. M. H.

COMMITTEE CHAIRMAN

JOINT SEAMAP-GULF/SEAMAP-SOUTH ATLANTIC SUBCOMMITTEES

MINUTES

Tuesday, October 16, 1984
New Orleans, Louisiana

JOINT SEAMAP-GULF/SEAMAP-SOUTH ATLANTIC MEETING
MINUTES
Tuesday, October 16, 1984
New Orleans, Louisiana

The Chairman of SEAMAP-Gulf, Walter M. Tatum, called the meeting to order at 1:10 p.m.. The following representatives and guests of both programs were present:

Representatives and Alternates (*)

Walter M. Tatum	AL
Barney Barrett	LA
J. Alan Huff	FL
Gary Matlock	TX
Walter Nelson	NMFS
Richard Waller	GCRL/MS
Mike Street	NC
David Cupka	SC
Barbara Anderson	SAFMC
Jim McCallum	ASMFC
Andrew J. Kemmerer *	NMFS
Karen Jo Foote *	LA
J.Y. Christmas	GCRL

Work Group Leaders

Ken Savastano	NMFS
Warren Stuntz	NMFS
Bill Richards	NMFS

Staff

Peter Eldridge, SEAMAP-SA Coordinator
Nikki Bane, SEAMAP-Gulf Coordinator

Others

Gene Nakamura	NMFS-Panama City
Scott Nichols	NMFS-Miami
Bob Chapoton	NMFS-Beaufort
Tom Van Devender	NBMR

Introductory Remarks

Representatives from both groups briefly introduced themselves. W. Tatum explained the purpose of the meeting as an opportunity to review common program objectives and activities, including data management, specimen archiving and the 1984 Status and Trends survey.

Adoption of Agenda

The proposed agenda was adopted as modified to include a report from the Coordinators on the 1984 SEAMAP Status and Trends project.

Program Activities Review

W. Tatum reviewed the current and proposed 1985 SEAMAP-Gulf activities, including the identification of anticipated funding levels for participating states, data management and specimen archiving activities, and approval of FY85 surveys and studies (shrimp/groundfish, plankton, environmental data, red drum stock identification study and red drum larval study), and 1985 work groups (shrimp/groundfish, plankton, environmental data, red drum, and data coordination). The red drum stock identification study was further detailed as a Subcommittee-designed, long-term project to identify inshore and offshore stocks of red drum with electrophoresis and high performance liquid chromatography.

A. Huff reviewed the current status and plans of the SEAMAP-South Atlantic program, including anticipation of the completed Operations Plan's adoption, and planned FY85 activities (bottom mapping of communities, a gear calibration study, and formal establishment and systems design of a data management system). A December-January 1985 time frame is anticipated for beginning work on the data management system, with a joint program work group meeting expected.

P. Eldridge briefly described the formation and organization of the SEAMAP-South Atlantic program.

Data Management System Review

P. Eldridge noted the importance of adequately specifying data management user needs from each SEAMAP program as well as system documentation. K. Savastano pointed out several data management needs, including establishment of the joint work group as soon as possible and evaluation of existing SEAMAP-Gulf needs (the system has, to this point, been piggy-backed onto the existing NMFS data management system), taking advantage of previous SEAMAP-Gulf Data Management Work Group reports documenting these needs. He added his belief that development of a subsystem would be preferable to overall system re-design for cost-effectiveness.

Specimen Archiving Center Review

Alan Huff discussed the current status of the Archiving Center, as reported by Curator J. Gartner and M. Leiby of Florida DNR. Key points included FDNR's cooperative state-Federal proposal to cover costs of center personnel, computer equipment, cabinets and supplies, and the department's intent to integrate its IBM system with the SEAMAP Information System, with assistance from a systems analyst. He further noted that \$3,000 has been targeted from anticipated SEAMAP-SA federal funds for Archiving Center support this year. W. Nelson noted that collected South Atlantic specimens may include some plankton from the spring bluefish survey and a midwater trawl cruise. A. Huff added that as specimens are identified, this information will be added to the Information System by the Archiving Center.

Program Administration Review

P. Eldridge and N. Bane briefly outlined the respective administrative structures and funding requirements for FY1985, with clarification by A. Kemmerer of the South Atlantic Coordinator's salary structure.

An annual SEAMAP program report was discussed, incorporating activities, funding, and accomplishments of all three SEAMAP programs. Favorable use could be made of such a report issued each fall prior to SEAMAP meetings and for public relations purposes.

* M. Street moved to jointly publish a SEAMAP regional annual report suitable for outside distribution. The motion was seconded. Discussion followed on the alternative of using existing TCC reports for this purpose. The motion passed with one dissenting vote.

NOAA/SEAMAP Status and Trends Project Review

P. Eldridge and N. Bane presented a status report on the August-October Status and Trends Benthic Surveillance project, noting completion of 16 sampling sites in 8 southeastern states. Field and management problems were briefly reviewed and participants requested to

submit a one-to-two page evaluative summary for NMFS' benefit as the contracting agency. Consensus was obtained on the appropriateness of this survey as a SEAMAP activity, with increased input by the states desirable. The benefit of publicity attending to this project was emphasized and appropriate media recommended.

Future Coordinated SEAMAP-Gulf/SEAMAP-South Atlantic Programs

The SEAMAP-Gulf's red drum study was discussed as a potential activity for the SEAMAP-South Atlantic program, with Florida noting its intent to submit for analysis red drum specimens from both Florida coasts. G. Bane noted that LSU would like to add red drum specimens from the South Atlantic and Mexico to its analytical program as those areas are able to collect and ship specimens.

Representatives from both groups discussed the usefulness of periodic joint SEAMAP meetings and common resources that should be addressed at such meetings.

* A. Huff moved for adoption of a recommendation for an annual joint SEAMAP meeting. The motion was seconded and passed unanimously.

There being no further business, Chairman Tatum adjourned the meeting at 2:55 p.m..

APPROVED BY:

Arny C. Nicholson
COMMITTEE CHAIRMAN

TCC ANADROMOUS FISH SUBCOMMITTEE

MINUTES

Tuesday, October 16, 1984
New Orleans, Louisiana

TCC ANADROMOUS FISH SUBCOMMITTEE
MINUTES
Tuesday, October 16, 1984
New Orleans, Louisiana

Chairman, Larry C. Nicholson, called the meeting to order at 1:05 pm. The following members and guests were present:

Members

I. B. (Buck) Byrd, NMFS, St. Petersburg, FL
R. Vernon Minton, ADCNR/MRD, Gulf Shores, AL
Larry C. Nicholson, GCRL, Ocean Springs, MS
Arthur M. Williams, LDWF, Baton Rouge, LA
Edouard J. Crateau, USF&WS, Panama City, FL

Staff

Larry B. Simpson, Executive Director
Lucia B. O'Toole, Publication Specialist

Others

Robert B. Chapoton, NMFS, Beaufort, NC
John F. Hall, USF&WS, Atlanta, GA
Lou Villanova, USF&WS, Atlanta, GA
Frank Richardson, USF&WS, Atlanta, GA
Philip Bowman, LDWF, Baton Rouge, LA
Harry Schafer, LDWF, Baton Rouge, LA

Adoption of Agenda

The agenda was adopted as presented.

Adoption of Minutes

The minutes of the July 16-17, 1984 meeting held in Gulf Shores, AL were approved as written.

Review of Striped Bass Profile

L. Nicholson said that while most sections were complete he was still working on "Socio-Economics" and needed concrete fisheries landings figures from V. Minton (AL) and E. Crateau (FL) to complete this section. He stated that he had focused most heavily on the economic aspect and was not sure how to get a grasp on the social aspect. L. Simpson suggested the Socio-Economics section be directed basically at the general nature of the fishery in the Gulf as it currently exists, essentially a recreational fishery, and the benefits along those lines. H. Schafer asked why a management plan was being

done since there is no established fishery. L. Nicholson said the hope was to establish this fishery and the management plan will allow the members, as Gulf States, to apply for 90-10 funding. The plan will also serve as a data base.

There was much concern over the fact that Florida Game and Freshwater Fish Commission had not participated further than commenting on E. Crateau's profile. L. Nicholson and L. Simpson will contact them and encourage their input, especially their comments on what they feel is appropriate for management recommendations for their waters, inland and territorial.

L. Nicholson felt it best to allow each member to discuss his particular section of the Profile and any problems before attempting to reestablish realistic time frames.

Introduction. L. Nicholson read the Introduction compiled by G. Saul which was followed by much discussion.

* V. Minton moved the historical data the members have be included in the Introduction. The motion carried. L. Simpson recommended each member mark up G. Saul's input with his state's information and accept the information for Texas. L. Nicholson said as they were trying to reestablish a fishery it was necessary to include much greater information on the historical fishery. L. Nicholson will contact G. Saul and inform him of the discussions.

Description of Stock(s) Comprising the Management Unit. A. Williams incorporated all information received by him in this section. He said there was much information and may include some freshwater data. However, he did not receive the input from Alabama or Texas in time for inclusion. L. Nicholson will review what A. Williams did not include and incorporate whatever necessary.

Description of Habitat. L. Nicholson said he created a table per state covering major rivers, estuaries and bays - all along each coast. He did not talk in-depth about the upper reaches of the rivers and asked the Subcommittee for thoughts. The consensus was to look at a list of

the reproducing populations as some may occur above the first dam and discuss by state. E. Crateau said this section should document what effects stocking has had. Louisiana, Mississippi and Alabama did not have any information on stocking effects and L. Nicholson will contact G. Saul about Texas.

L. Simpson had to leave to attend another meeting and requested the Chairman allow F. Richardson to speak to the Subcommittee on current legislation and how it might affect striped bass, and L. Villanova and J. Hall to give an update on D-J at the conclusion of regular business.

B. Byrd asked L. Simpson if funds were available to allow someone to put the information from the Profile into a Management Plan. L. Simpson informed him that State/Federal funds may be available in FY 86 or perhaps PL 89-304. L. Villanova said under 304 there were administrative funds at USF&WS Washington level through F. Richardson for this year. F. Richardson stated they have had programs from outside which were good state programs, and a Plan/Program from the Commission might be a very acceptable program, particularly with the backing of the five Gulf States. The consensus was to complete the Profile and then seek funding from USF&WS to have the Plan written.

L. Nicholson said the review of the Profile should be completed before addressing time frames.

Fisheries Management Jurisdiction, Laws, and Policies Affecting the Stock(s) Throughout Their Range. V. Minton had some difficulty separating the work going on with Gulf race in Florida and also with management regulations. He hoped to sit down with Florida and Texas to fill in some blanks (numbers). F. Richardson said Gary Matlock and Ed Joyce were at the meeting and may be able to provide the needed information.

Management Recommendations. L. Nicholson asked everyone if they were satisfied with what had been mailed to A. Huff. The Subcommittee

agreed with F. Richardson's suggestion to change the title to "Management Issues."

Discussion of Time Frame and Procedure for Completion of Profile

Section editors are to complete each section and send to GSMFC office for typing by December 1, 1984 if Florida is not going to participate further. L. Nicholson and L. Simpson will put all sections together and do initial editing before the typing is done. If Florida decides to participate then January 1, 1985 is the first deadline.

The first draft will go to the Subcommittee for editorial comments by January 15, or two weeks after everything is initially received by GSMFC. These editorial comments should be received by GSMFC no later than February 1, followed by a 1-2 day turn-around for review outside the Subcommittee. Two weeks will be allowed for outside review with comments being returned to GSMFC by February 15. The Management Plan will be discussed at the March meeting and the Commission will have to approve the Profile.

It was decided to send the fishery unit leaders, including North Carolina (did the ASMFC Plan), the second draft of the Profile for review. If a writer is identified before March that person will be invited to attend the meeting.

Other Business

F. Richardson briefed the members on legislation, introduced by Congressman Breaux in an oversight hearing, dealing with the establishment of a national fish hatchery. Anyone wishing to see a copy of the legislation may contact Mr. Richardson. NMFS and a number of states have made comments and L. Simpson is going to comment on the legislation.

J. Hall gave an update report on D-J (Wallop-Breaux) and said that no money would be available until October 1, 1985. Mr. Hall said there was a memorandum between USF&WS and NMFS regarding how the two agencies will work together to administer this fund. All documents will be

TCC ANADROMOUS FISH SUBCOMMITTEE
MINUTES
Page -5-

signed by USF&WS. B. Byrd, on behalf of NMFS and in particular the Southeast Region, said their desire is to work with the states on an as needed basis to develop the best possible plans and projects. The bill sets aside at least 10% to be spent on boating facilities and reduces the amount of administrative funds for USF&WS from 8% to 6%. There is also a provision which would allow spending up to 10% for educational purposes.

F. Richardson said that USF&WS received anadromous grant money in the amount of \$~~34.1~~ million, of which \$600,000 is for striped bass.

3.4

There being no further business, the Chairman adjourned the meeting at 4:07 pm.

APPROVED BY:

Paul Hammerschmidt
COMMITTEE CHAIRMAN

TCC CRAB SUBCOMMITTEE

MINUTES

Tuesday, October 16, 1984
New Orleans, Louisiana

TCC CRAB SUBCOMMITTEE
MINUTES
Tuesday, October 16, 1984
New Orleans, Louisiana

Paul Hammerschmidt, chairman called the meeting to order at 1:10 pm. The following members and guests were present:

Members e

Phil Steel, FDNR, St. Petersburg, FL
Steve Heath, ADCNR, Dauphin Island, AL
Harriet Perry, GCRL, Ocean Springs, MS
Gerald Adkins, LDWF, Bourg, Louisiana
Paul Hammerschmidt, TPWD, Port O'Connor, TX

Others

Charles Moss, Sea Grant Advisory Service, Angleton, TX
Ed Joyce, FDNR, Tallahassee, FL
Bob Ganczak, LDWF, Baton Rouge, LA
Clyde Richbourg, GSMFC, Gulf Breeze, FL
Garey Perkins, Food & Fiber Ctr, Mississippi State, MS
Lloyd Regier, NMFS, Charleston, SC

Adoption of Agenda

The agenda was adopted with no revision.

Review of Progress of Crab Research in each State

Reporting for the States were Phil Steele, Florida; Steve Heath, Alabama; Harriet Perry, Mississippi; Gerald Adkins, Louisiana; and Paul Hammerschmidt, Texas.

As reported--present assessment and monitoring programs are continuing and preliminary data indicate no differences in juvenile blue crab abundance compared with 1983.

Each State reported increasing interest in establishing small-time soft-crab shedding operations. It was reported that Texas A&M University/Sea Grant are sponsoring experimental shedding operations in Texas. Also, Louisiana Department of Wildlife and Fisheries receives 2-3 calls per day requesting shedding information.

Special Reports

P. Steel^e gave an outstanding presentation of his blue crab tagging program in Florida. Through slides and narrative he reviewed migration, tag returns and future plans for publications.

H. Perry and the Gulf Coast Research Laboratory, along with other Sea Grant personnel, will conduct a 2-day Soft Shell Crab Symposium in February 1985 in Biloxi, Mississippi. The symposium will provide expertise from various fields such as systems development, nutrition, economics and diseases.

The status of the blue crab fishery in the Gulf was reviewed and discussed. Preliminary information suggests that reported landings are up for 1984 as compared with 1983 for all states except Texas where reported landings are about average. The problems of adequate statistical reporting and affect of imports on the fishery were discussed.

H. Perry presented and submitted the final published version of the Blue Crab Fishery Profile. All members of the subcommittee expressed appreciation for the hard work and devotion Harriet showed during the development of the profile.

The subcommittee discussed SEAMAP programs and how they might interface with data needs identified in the Blue Crab Profile. Members agreed that the sorting of zooplankton, particularly portunid larvae, from the SEAMAP plankton samples should be considered a priority item. We decided to request from SEAMAP that as soon as is financially and logistically practical that the subcommittee be given a list of the names of users of the loaned samples.

The subcommittee will also request that Harriet Perry be considered as a member of the Plankton Work Group for her zooplankton expertise.


Dr. Terrie Bert, who recently identified taxonomic differences between Florida stone crabs and those from the northern Gulf of Mexico is planning a Stone Crab Workshop during July 1985. This workshop will cover biology, physiology, economics and fishery structure.

Election of Chairman

* Annual elections of chairman were held and Paul C. Hammerschmidt was re-elected.

Meeting adjourned at 5:15 pm.

APPROVED BY:


COMMITTEE CHAIRMAN

TCC SEAMAP COMMITTEE

MINUTES

Tuesday, October 16, 1984
New Orleans, Louisiana

SEAMAP SUBCOMMITTEE
MINUTES
Tuesday, October 16, 1984
New Orleans, Louisiana

Chairman, Walter M. Tatum, called the meeting to order at 9:00 a.m.
The following members and guests were present:

Representatives and Alternates (*)

J.Y. Christmas	GCRL
Walter M. Tatum	AL
Barney Barrett	LA
Richard Waller	GCRL/MS
Walter Nelson	NMFS
J. Alan Huff	FL
Gary Matlock	TX
Karen Foote *	LA
Mark Leiby	FL
Andrew J. Kemmerer*	NMFS

Work Group Leaders

Thomas McIlwain *	GCRL/MS
Bill Richards	NMFS
Ken Savastano	NMFS
Warren Stuntz	NMFS

Staff

Larry B. Simpson, Executive Director
Nikki Bane, SEAMAP Coordinator

Others

I. B. Byrd, NMFS/SERO
Peter Eldridge, SEAMAP-South Atlantic Coordinator
Dick Berry, NMFS/SEFC
Gene Nakamura, NMFS-Panama City
Albert Jones, NMFS-Miami
Bill Clark, Texas Sea Grant
Gil Bane, LSU
Paul Hammerschmidt, TCC Crab Subcommittee
Scott Nichols, NMFS-Miami
Joanne Shultz, GCRL
Harriet Perry, GCRL
Rick Shaw, LSU
Bob Chapoton, NMFS-Beaufort
Phil Bowman, LDWF
Harry Schaefer, LDWF
Jim McCallum, ASMFC
Tom Vandever, USFWS
Mike Street, NCDMR; Chairman, SEAMAP-SA

Adoption of Agenda

The agenda was adopted with the following amendments:

- 1) The Red Drum Work Group report was rescheduled as the first of the work group reports.
- 2) Discussion of approval on the SEAMAP FY85 Summary Proposal was rescheduled for presentation before the FY86 Budget Planning item.

Review and Approval of Minutes

The minutes of the March 13, 1984 meeting in Biloxi, MS were approved as written.

The minutes of the September 17-18, 1984 meeting in New Orleans, LA were discussed.

* A. Huff moved to postpone approval of the minutes. Motion was seconded and passed unanimously. It was noted that in the future, all changes in the minutes should be made during regular SEAMAP meetings.

Budget Report

N. Bane presented the FY84 financial report. Total allocations for the FY84 SEAMAP-Gulf Program were: \$53,000. As of September 3, 1984, total expenditures were: \$51,922. A budget surplus of \$1,078. was returned for application to other State-Federal Fisheries Management Board expenses.

<u>Item</u>	<u>FY84 BUDGET</u>	<u>ACTUAL EXPENSES</u>	<u>ENCUMBERED</u>
Personnel	18,000.00	16,883.40	-----
Coordinator	10,585.00	5,292.50	5,292.50
Office Supplies	600.00	756.46	-----
Postage	1,200.00	1,580.62	-----
Telephone	1,200.00	1,205.23	-----
Copy Expense	2,500.00	2,127.43	-----
Publication	1,400.00	217.33	-----
Administrative Travel	<u>2,915.00</u>	<u>1,292.63</u>	<u>1,622.37</u>
Subtotal	38,400.00	29,355.60	6,914.87

Subcommittee Support

Meeting Cost	1,600.00	1,011.12	-----
Commission Travel	<u>13,000.00</u>	<u>14,640.41</u>	-----
Subtotal	14,600.00	15,651.53	-----
TOTAL	53,000.00	45,007.13	6,914.87
FY84 Budget:			53,000.00
FY84 Expenditures:			- <u>51,922.00</u>
			+\$ <u>1,078.00</u>

* A. Huff moved to accept the budget report. The motion was seconded and passed unanimously.

Publications Report

N. Bane reported the status of SEAMAP documents, noting publication and distribution of the Operations Plan Executive Summary and 1984 Marine Directory, and the October 15 publication of the 1982 SEAMAP Atlas.

* G. Matlock moved to encourage John Watson, editor of the SEAMAP Trawling Gear Calibration Workshop Proceedings, to publish the Proceedings within a month, without any papers not yet returned by the authors. The motion was seconded and approved unanimously.

* G. Matlock moved to include in the report to the TCC a list of documents that used data collected under the auspices of SEAMAP. The motion was seconded and approved unanimously.

Work Group Reports

1) Red Drum Work Group.

With the approval of the Subcommittee, T. McIlwain explained current GCRL work on red drum larvae, and recommended that the Subcommittee proceed with the LSU/SEAMAP electrophoresis-HPLC red drum study, with the work group determining the sampling plan. Discussion followed on the need for a work group meeting and clarifying possible project problems.

* G. Matlock moved to convene the Red Drum Work Group as soon as possible to develop a plan to identify Gulf-wide stocks of red drum, and if enzymes indicate stock differences, to generate a statement of the meaning of such differences relative to stock identification. Motion was seconded.

* W. Nelson moved to amend the motion to further authorize the work group to expand its membership as the work group leader believes it necessary. Motion to amend was passed unanimously. The primary motion was also passed unanimously.

Discussion followed on the GCRL red drum larval growth and survival study, with T. McIlwain requesting the Subcommittee to designate the study an official SEAMAP activity. Further action was tabled pending completion of the Plankton Work Group report.

2) Plankton Work Group.

B. Richards reported the findings and conclusions of the October 15, 1984 Plankton Work Group meeting, and presented the group's recommendations:

- Since the protocol and guidelines have already been developed, the SEAMAP Curator should have full responsibility for loans, except for unusual problems.
- Where specimens are common, permanent loans should be made available.
- A reference collection of identified specimens should be maintained.
- Plankton sorting priorities should be: 1) 700-800 ichthyoplankton samples; 2) as funds exist, additional coastal samples; and 3) as funds exist, invertebrate plankton fractions.
- The Subcommittee should identify plankton species priorities and type of data needed, based on the identified data base gaps.

- ° The November NMFS cruise should be an official SEAMAP activity, with states invited to participate.

Other actions taken by the work group include:

- ° Where publication of data using SEAMAP specimens is intended, requests for specimens will be "flagged" in the data base to notify prior identifiers.
- ° Where specimen identifications conflict, the data will be similarly flagged and the next higher taxon used.

M. Leiby reported the status of the SEAMAP Archiving Center loans and data accession, facilities expansion and budget needs, and the announcement of specimen availability for publication in the 1984 Newsletter of Systematic Ichthyology.

Following the morning break, discussion resumed on the applicability of GCRL's larval red drum study to SEAMAP technology and objectives.

* A. Huff moved to accept the GCRL red drum study as an official 1985 SEAMAP project, including sorting and archiving activities. Motion was seconded.

Discussion followed, with G. Matlock expressing concern about the sanctioning of individual state studies rather than Gulf-wide projects. The motion passed, with one dissenting vote.

FY1985 plankton surveys were then addressed. W. Nelson presented a current schedule of 1985 NMFS cruises; other issues raised included species prioritization and sorting costs. A. Huff moved to have a spring survey series, as in the past, considered as a priority, with other activities selected as priorities as funds become available. The motion was seconded. Discussion followed on prioritization needs, day-versus-night sampling strategies, and identifying and eliminating existing data gaps. The motion passed, with one dissenting vote and one abstention, and was subsequently stricken at A. Huff's request when further discussion revealed a need for additional information from the Plankton Work Group on

data gaps. It was noted that a mackerel plankton survey has not been requested for this year. B. Richards agreed to provide a summary of existing plankton survey data gaps and coverage, and additional sorting costs.

* G. Matlock moved to designate the planned NMFS winter and summer ichthyoplankton surveys as approved SEAMAP activities, as both represent a continuation of the long-term data base desired by the Subcommittee, pending information provided to the Subcommittee on additional costs that those two activities would impose. The motion was seconded. Discussion followed on the suitability of piggy-backing these surveys. The motion passed unanimously. It was noted that the Plankton Work Group should present specific recommendations on survey needs and plans.

W. Tatum adjourned the Subcommittee meeting at 12:08 p.m. to accommodate the previously scheduled joint SEAMAP-Gulf/SEAMAP-SA meeting, and requested that the SEAMAP-Gulf meeting continue immediately following the joint meeting.

The meeting resumed at 3:15 p.m., with discussion on plankton survey needs. B. Richards reiterated his intention of providing information on data gaps, species priorities and additional sorting costs, and noted that GCRL will archive the remainder of zooplankton specimens.

Responsibility and authority of the SEAMAP Curator were also discussed, with clarification of existing and pending loan and reporting procedures.

* A motion was proposed by G. Matlock: As long as guidelines are followed and no conflicts are apparent, the Curator should handle loan requests to meet needs in a timely fashion, with quarterly updates presented to the Subcommittee through the Coordinator. The motion was seconded and passed unanimously.

Upon questioning the Curator's decision to advertise plankton availability without consulting the Subcommittee, A. Bane noted her personal responsibility for the action.

Key plankton survey issues to be addressed are data base type (broad-base versus specific studies), time-series usefulness, targeting priority species, target species flexibility, and biomass fluctuations.

* W. Nelson moved to have the Plankton Work Group address the following three problems: 1) identification of data gaps; 2) definition of priorities; and 3) subsequently, designing surveys for Subcommittee approval. The motion was seconded. Discussion followed, and B. Richards agreed to try to obtain this information within a month, including anticipated sampling volume and additional costs. The motion passed unanimously.

Archiving and loan of the unsorted plankton samples were reviewed. As funds become available, these materials could be accessioned and a loan system developed, according to D. Waller, but a formal loan procedure is not foreseen at this time. W. Nelson noted that future duplicate plankton samples will be sent directly to GCRL.

3) Shrimp/Groundfish Work Group.

S. Nichols reported that the 1984 Spring-Summer Shrimp/Groundfish Trawl Survey data have been entered in the Burroughs data system, and that the next work group meeting will be held in January. He further noted that all reports to the Gulf of Mexico Fishery Management Council pertaining to the Texas Closure cite the SEAMAP Program and will be given to the SEAMAP Coordinator.

W. Tatum requested that the Shrimp/Groundfish Work Group develop survey plans for the 1986 State-Federal proposals. K. Savastano noted a recurring problem of not collecting fish weights and requested information on the status of the Shrimp-Groundfish sampling manual. S. Nichols replied that the syllabus has not yet

been reviewed or finalized. A March completion date has been set for the Shrimp/Groundfish Survey plans.

4) Environmental Data Work Group.

W. Stuntz presented the findings of the October 9, 1984 work group meeting, at which the group resolved a serious problem with 1982-1983 data. A 25 percent loss of data for chlorophyll is expected for this period, and Florida Department of Natural Resources is expected to evaluate the 1983 data once more. Protocols for the 1984 data, being analyzed by FDNR and LSU, have been established and will become standard SEAMAP protocol.

The 1985 environmental survey needs were identified by the work group:

- Data and instruments should be intercalibrated or standardized.
- The Environmental Data Handbook should be finished by Spring, 1985.
- The Subcommittee should approve a designee to be responsible for intercalibrating all environmental sampling gear, including checking thermometers and oxygen meters; this should be done at least once each year.
- Back-up methods for environmental sampling should be established (e.g., reversing thermometers for CTD's; Winkler sampling for oxygen meters; calibration of CTD's with standardized seawater and a salinometer).
- The present sampling of surface, mid- and bottom waters should be continued, but precise position in midwater should be determined. A profile of the water is recommended, optimally with a CTD.
- The Subcommittee should provide the work group with direction and attempt to encourage data analysis in an integrated way in order to identify weaknesses in the data sets.

W. Stuntz noted that the same environmental data sets used in 1984 are recommended for 1985. Procedural modifications and controls were briefly reviewed for chlorophyll determination.

* A. Huff moved to accept the recommendations of the work group. The motion was seconded. Discussion followed on the value of one person calibrating equipment for all participants.

* A. Huff moved to amend the motion to exclude from acceptance of the report a provision to recommend an intercalibration specialist. The motion to amend was seconded and passed.

Further discussion followed on standardization and intercalibration and the question was called. The primary motion was passed, with two dissenting votes.

5) Data Coordinating Work Group.

K. Savastano presented the status of the SEAMAP Information System and noted problems with the 1983 data, including the chlorophyll data which have been addressed by the Environmental Data Work Group. 1984 data are in various stages of entry. Current problems with the system include the severe manpower limitations which have impacted user request fulfillment, and the current moving of the NMFS system, which will cause the SIS to be down for three weeks with no fully functional backup system. Currently, of 14 data requests, 10 have been processed and 4 are pending and will be delayed. The 1982 ichthyoplankton data have been entered and are in good condition.

* A. Huff moved to accept the work group report. The motion was seconded and passed unanimously with no further discussion.

W. Stuntz noted that the 1982 SEAMAP Atlas, just published, contains some errors and needs better definition of figures, and will be redone.

6) Status and Trends Project Report.

At W. Tatum's request, and with the concurrence of the Subcommittee, the report on the September Status and Trends Benthic Surveillance Project was presented earlier, at the joint SEAMAP meeting, by N. Bane and P. Eldridge.

FY1985 SEAMAP Summary Proposal

Discussion followed on the 1985 SEAMAP Summary Proposal, with members and guests noting the need only for a summary of intended activities and budgets, not specific details. P. Eldridge cautioned members to avoid any possible duplication of effort in submitting State-Federal documents. N. Bane agreed to put together a shorter summary document than the one previously prepared. It was agreed to develop Louisiana's proposals as a model for use by other participants after consultation with B. Byrd of the SERO Grants Office, with a shorter summary document to be prepared by N. Bane.

SEAMAP Literature Citation

* D. Waller moved to accept the uniform literature citation developed and sent previously to Subcommittee members. The motion was seconded and passed unanimously.

FY1986 Budget Planning

* A motion was made and seconded to set the January Subcommittee meeting for January 8 and 9 or January 15 and 16, 1985, with flexibility to plan in order to accommodate a meeting of the Shrimp/Groundfish Work Group prior to the Subcommittee meeting. The motion was passed unanimously with no further discussion.

There being no further business, the Chairman adjourned the meeting at 5:10 p.m.

APPROVED BY:

Claude Boudreau
COMMITTEE CHAIRMAN

TCC STATISTICAL SUBCOMMITTEE

MINUTES

Wednesday, October 17, 1984
New Orleans, Louisiana

TCC STATISTICAL SUBCOMMITTEE
MINUTES
Wednesday, October 17, 1984
New Orleans, Louisiana

Chairman, Claude Boudreaux called the meeting to order at 9:15 am.
The following members and were present:

Members

Claude Boudreaux, LDWF, Baton Rouge, LA
Frederick Deegen, BMR, Long Beach, MS
Skip Lazauski, AMR, Dauphin Island, AL
Al Green, TPWD, Austin, TX

Staff

Mary A. Crosby, GSMFC, Ocean Springs, MS

Others

Louis Villanova, USFW, Atlanta, GA
Maury Ferguson, TPWD, Austin, TX
Albert Jones, NMFS, Miami, FL
B.G. Thompson, NMFS, Washington, DC
Eugene Nakamura, NMFS, Panama City, FL
John Roussel, LDWF, Baton Rouge, LA
I.B. "Buck" Byrd, NMFS, St. Petersburg, FL
Ron Schmied, NMFS, St. Petersburg, FL
Tom Dawley, NMFS, New Orleans, LA
Steve Heath, AMR, Dauphin Island, AL
Richard Applegate, USFWS, Albuquerque, NM
Gil Bane, LSU, Baton Rouge, LA
Ed Burgess, NMFS, St. Petersburg, FL
Richard Condrey, LSU, Baton Rouge, LA
Pete Eldridge, NMFS, Charleston, SC
Debbie Fuller

Adoption of Agenda

The agenda was adopted with the following amendments:

- 1) C. Boudreaux added "Fishery Dependent Files" as Agenda Item 5.
- 2) Agenda Item 7 was revised to read "Problems with Data Management" to make it more general.

Adoption of Minutes

The minutes of the meeting held in Biloxi, Mississippi, March 13, 1984, were adopted with the following change:

- 1) Page 2, third paragraph, first sentence, change the words Operations Plan to Creel Survey and Biological Sampling Program (CSBSP).

C. Boudreaux reported that the Technical Coordinating Committee (TCC) had approved the subcommittee's Draft Goals and Objectives as modified in March and are no longer considered draft. The TCC gave verbal permission to the subcommittee to address any subject dealing with statistics if so desired.

He briefly discussed the Report to GSMFC on the subcommittee's North Carolina and Texas workshops.

Report on Current Projects

A form, to be completed during the session, was passed out by C. Boudreaux to gather information from each State and National Marine Fisheries Service (NMFS) (attachment). The completed form is to be used to assist in fulfilling the task of the once-a-year report to the TCC

C. Boudreaux stated that all Cooperative Agreements would begin on April 1. Each State's Cooperative Agreement is in the process of being worked on or has already been completed.

A. Jones stressed that this year NMFS will try to submit the Cooperative Agreements to NMFS by December 1 for review during December, January, February and March. At the present time, Mississippi, Alabama and Louisiana draft documents are being reviewed.

Texas

A. Green reported that Texas is still operating without a Cooperative Agreement. Recreational boat fishing surveys are still ongoing. The Gulf head boat activity was dropped in September because of the extra sampling. Also dropped was the periodic visits to fish houses. It is not anticipated that this activity will be dropped for a long period of time. A shrimp tagging program is being carried out in two (2) bay systems looking at the problems and the feasibility of estimating bay and fish mortalities. A reward program has been set up with NMFS on a lottery basis paying a reward to get some of the recurrence back. The study is designed to bag seines, tag directly out

of the bag seines with trawls and then with bait by state. Brown shrimp are producing a very low success rate with bait, while the trawls are having excellent success in getting back tags.

M. Ferguson reported that one of the reasons for dropping some of the sampling was to start a saltwater trotline survey. Texas is getting close to the end of the conversion of its system to the data files. Everything has been compiled on one computer file with the exception of commercial landings.

A. Green reported that, to his knowledge, Texas will not receive an increase in budget. Federal money cannot be accepted directly. It has to go through the Texas Legislature.

Louisiana

C. Boudreaux reported that Louisiana began taking dependent statistics in August 1983 as a result of the State's Cooperative Agreement. A State funded recreational survey was started in January 1984. Louisiana was mandated to start the recreational survey because of the controversy and interest sportsfishermen in Louisiana have concerning redfish and speckled trout.

Louisiana is also doing an access point survey of boat launches along the Louisiana coast. All boat launches have been ranked into high, medium and low use areas. The process involves randomly choosing twenty-eight (28) boat launches per week by month for ½ day, same time of day, 8:00 am -12:00 noon or 1:00 pm -5:00 pm. The fishermen are then confronted for information on where/what/and number of catches. The estimated access areas covered are approximately 150 launches, with the elimination of freshwater launches. F. Deegen stated that Mississippi is contemplating doing a similar type survey.

Another activity the State is presently involved in is gathering commercial data. State/Federal money were subcontracted to Louisiana State University to gather information primarily on king mackerel. They are collecting information from hook and line vessels which are landing their catch in Grand Isle to gather data on weight, measurement, sex and catch. Louisiana is gathering bioprofile data on mullet and black drum

harvested east of the Mississippi River. Black drum and mullet are the beginning of experimental fisheries. Information on these two (2) species will be of great importance as these fisheries develop.

C. Boudreaux stated that during 1985 the budget will be 75% of the 1984 budget. Revenues are estimated to be \$1 million dollars from recreational licenses and another \$200,000 from expanded commercial licenses. Louisiana has a \$105 finfish seller's license that is being looked at as an across the board license for the selling of any commercial fish.

Mississippi

F. Deegen reported that the Cooperative Statistical Program with NMFS is the single most intensive statistical collection in-house effort. The project has been ongoing since April 1982, therefore, the data base on adult finfish is not very good. Mississippi has an excellent historical data base on larval and juvenile fishes that is provided through 88-309 program entitled "Coastal Fisheries Monitoring and Assessment" contracted with the Gulf Coast Research Laboratory since approximately 1972.

Mississippi is also collecting bait shrimp landings dating back to the 60's. The bait shrimp statistics are gathered via monthly form that is mailed out to all bait dealers in the State gathering information on virtually everything that is involved in the sells from a bait camp.

Oyster landings are collected via sequentially numbered oyster tags that are issued to the oysterman at the time the oysters are landed. The tags specify the oysterman's name and shucking house where they will be processed. The oysterman has to pay his shell fees at the time the tags are issued. The tags are color coded and cost \$.20 per tag. All data is gathered at that time. The tags are dated and each sack is tagged. The exact number of tags are given according to the number of sacks on the vessels at that particular time. The tagging is handled by the enforcement personnel during inspection of the oysters for size, etc. Special tags are issued for leased reefs. All untagged oysters are confiscated and assumed to be illegally caught. The 1982-83 oyster

season was the first year the tagging program was implemented. 367,000 sacks of oysters were landed - a 15 year high for Mississippi.

Beginning in June, Mississippi started a charter survey that is also in the form of a questionnaire that is passed out to charter captains in Biloxi and Gulfport. The program is too new to foresee if it is to be a workable program.

Alabama

S. Lazauski reported that Alabama is getting into the third segment of their Cooperative Statistics Program. There is also involvement in the Creel Survey and Biological Sampling Program under the umbrella of the Cooperative Statistics Program.

Alabama recently started a recreational hook and line pier survey in marine waters. The active aspects are the bank fishery, recreational boat fishery, pier fishery, and the ramp marina. The passive aspects are the charter boat captains and the postcard survey done quarterly and forwarded to 10% of all the licensed boat owners to catch the person who has his own personal, private ramp. The boat intercept survey covers only the inside waters, as well as the banks. The ramp marina covers exclusively the outside waters. The recreational survey began October 1, 1984. Auburn University has been subcontracted to do the data analysis.

Florida

T. Dawley reported that Florida has an overall statistical program, most of which what is being done in Alabama, Mississippi and Louisiana is plugged into the Cooperative Program. Florida is going into the individual trip ticket system.

A summary was prepared by the Gulf of Mexico working group summarizing what was seen as being the needs and priorities for statistical surveys activities for data management activities, for inter-organizational cooperation type relationship, as well as a couple aspects of policy. S. Lazauski and T. Dawley reviewed the summary and presented it to Al.

Fishery Dependent Files

A computer biology description form that was given at the Miami workshop was completed and returned to S. Lazauski. He reported that he would be responsible for entering the form on the data disk program, and the data would be available so that each State will be aware of what another State is doing.

Discussion on Miami Workshop

A. Jones reported that the objectives of the Miami workshop was as follows:

- 1) To review the progress that had been made over the last year.
- 2) To discuss problems.
- 3) To plan future projects.

The Miami workshop was divided into three (3) parts:

- 1) Data collection.
- 2) Data management activities.
- 3) A discussion of recreational fishery data needs and data problems.

Each State has programs to collect commercial landings data. The Division's responsibility varies from State-to-State, but basically the programs provide monthly data by species through established dealer channels. In addition, in the last last year testing has begun for a creel survey design to provide effort data and biological sample data. Most States have undertaken this on a test basis and it has been attempted during this last year under the Cooperative Agreement to get a 10% sample of all finfish fishing trips in order to estimate effort, and also to sample trips for species composition and for size frequency with emphasis on species that are FMP important and also important for State management program.

The consensus of the workshop was that the survey design is complex but workable. The reason for the design's complexity is so it can be flexible, expanded and essentially will give a statistically reliable survey design for getting at detailed information on fishing trips and

provide data that will be of value to biologist and economists.

On the inshore shrimp fishery, the design of the interview procedure was changed and collecting information on the small size count category of shrimp has been started. One change made is the small categories are being recorded as landings. Shrimp recordings became mandatory under the Gulf Shrimp FMP in May. The one change in the shrimp reporting that is apparent to the fishermen is it became mandatory under the Shrimp Plan to report information by vessel trip.

Problems with Data Management

A. Jones reported that a great deal of time had been dedicated to the A-76 Study, which is a management deficiency study. A-76 is a review process to determine how to conduct certain government operations cost effectively. A-76 is in the process of being reviewed by the Federal Government to see how it can best be operated. Basically, the bottomline decision is going to be whether to contract such operations out to the private sector or to operate them internally. Two aspects of the A-76 review process that has been completed are, first of all the job requirements that are foreseen for the future for providing ADP services, and secondly, to put the job requirements into the form of an RFP. The next aspect is to solicit bids from the private sector for the services and to compare the government cost of providing the services with the private sector bids. Finally, to make a selection with that information and proceed to implement the ADP system either with a private contractor or with in-house staff.

A Burroughs 6800 computer has been installed in Miami that will, hopefully, link with the Burroughs 7800 in Seattle in the future.

Communication was listed as one of the principle problems with hardware during the year. There were problems also with the entry of shrimp data and landings data that are approximately two (2) months behind. The reasons for the delay include:

- 1) An increase in data volume because the collection of information of the additional size categories almost doubled the volume entry.

- 2) A new data form was used which required programming changes.
- 3) Key punch contracts were awarded late.

The confidential data policy is working well. The States have access to their confidential data. The data from one State can be requested by another State agency by direct contact. The Council staff was granted access to confidential landings data, and now Sea Grant principal investigators can identify confidential data and be granted access to data files.

The section on recreational fisheries essentially was undertaken to explore the data needs of the recreational sector. NMFS position is to encourage the States to participate in the Regional Creel Survey which NMFS has operated since 1979 and also to assist with some of the special surveys which are in operation. The conclusion was that a number of States were interested in participating in the NMFS Regional Recreational Survey. The States are in need of additional information on the survey design and on what the effect of additional sampling efforts would be in terms of reducing variability and improving the precision of estimates. A system has been set up within NMFS whereby information will be provided on request. Ed Burgess, Regional Office, is going to be the primary contact person on the above mentioned information, and he will arrange input from the Center and from B.G. Thompson (NMFS, Washington) who will be responsible for distributing the calls to the appropriate people for specific questions.

* A. Jones recommended that the following three (3) problems, in terms of data collection, be considered by the Subcommittee to possibly recommend to the TCC:

- 1) Priority needs to be placed on collecting effort and size frequency data.
- 2) The recreational fisheries surveys and the coordination of programs in the area.
- 3) Census of commercial landings data and recent increases in sectors.

There are four (4) problems in data management. These include:

- 1) Operational ADP support
- 2) Completing of present programming works to that there is a basic system that will allow for remote data entry and edit.
- 3) Solving telecommunication so there is an efficient system of working from remote terminals.
- 4) Long-range ADP plans.

Some of the things anticipated for 1985 include:

- 1) Completing the Cooperative Agreement document by December 1.
- 2) Conducting same level of data collection activity as in 1984. In some cases expanding on Creel Survey.
- 3) The collection of the detailed shrimp trip data will be continued in Louisiana, with no plans of including Texas for calendar year 1985 because there will be a transboundary migration study which will consume a great portion of resources.
- 4) Improving telecommunication and overall communication.

T. Dawley gave a brief report on data management. He stated that the States expressed a desire to see the shrimp data collection form redesigned such that shrimp landings data can be entered directly as it is collected, whether its heads-on or heads-off and allow the computer to perform the conversion during the data processing phase. For the State of Louisiana the data collection form has to be redesigned such that butterfly net data can be distinguished from shrimp otter trawl data. With all the points mentioned in his discussion, he stated that there needs to be prepared and distributed a monthly or at least quarterly summary by the data management branch. This study would provide information as to the projects, activities, and the projected time table for completion that would enable there to be a proper channel for commercial coordination such that the States could plan themselves, just when things are going to be initiated, rather than wait until the next time there is an annual meeting to find out what has happened.

There is great concern with regard to the inconsistency of data fed into the Burroughs and the same data fed into the Apple, but in the end there is inconsistent readings. He stated that during the next couple of months, there will be a great deal of time spent working very close to try and document the apparent inconsistencies and to verify the data problems or system levels problem, etc.

Future Workshops

C. Boudreaux stated that discussion should be based on a liability or perhaps statistical usage workshop of the fishery dependent data.

A. Green recommended that one of the workshops be aimed at trying to come up with a study for verifying commercial landings in detail and if there is a problem with recreational landings.

B.G. Thompson stated that he is having a meeting in Miami the week of October 22 with all NMFS regional statistical supervisors. One of the things on the agenda will be being able to estimate what is the accuracy of commercial fisheries statistics. The reason it is of great importance is the commercial industry has approached him through Marine Fisheries Institute (MFI) with questions because they are concerned that the magnitude of fish moving through the industry system is being underestimated. He asked that the Subcommittee look into the coordination of recreational survey design.

A. Green recommended the GSMFC March 1985 meeting as a set time for the next meeting.

C. Boudreaux stated that he would talk to the Executive Director of GSMFC with regard to having 1 day or 1½ days at the March meeting for the Subcommittee to meet before the regular meeting.

A. Jones recommended that the Subcommittee appoint a representative to work with NMFS data processing personnel in terms of a long-range ADP study.

C. Boudreaux stated that the new Chairman would be responsible for choosing the person to work with NMFS.

Election of chairman and vice chairman

* A. Green nominated Fred Deegen for chairman. F. Deegen declined the nomination. S. Lazauski was nominated by F. Deegen, and there be no further nominations, S. Lazauski was unanimously elected Chairman for FY85.

* S. Lazauski nominated F. Deegen for vice chairman. There being no further nominations, F. Deegen was unanimously elected vice chairman for FY85.

With the absence of the new chairman and vice-chairman, C. Boudreaux was elected to report to the TCC on Thursday.

Meeting adjourned at 12:20 pm.

APPROVED BY:

COMMITTEE CHAIRMAN

INDUSTRY ADVISORY COMMITTEE

MINUTES

Wednesday, October 17, 1984
New Orleans, Louisiana

INDUSTRY ADVISORY COMMITTEE
MINUTES
Wednesday, October 17, 1984
New Orleans, Louisiana

Chairman Ralph Rayburn called the meeting to order at 9:05 a.m..
The following persons attended the meeting:

Members

William D. Chauvin, American Shrimp Processors Association
Jerry H. Sansom, Organized Fishermen of Florida
Joe Nelson, Southeastern Fisheries Association
Charles H. Lyles, Mississippi Coast Fisheries Association
Ralph Rayburn, Texas Shrimp Association
Ted Shepard, Louisiana Shrimp Association/National Fisheries Inst.
Leroy Kiffe, Gulf States Marine Fisheries Commission (LA)
John Ray Nelson, Gulf States Marine Fisheries Commission (AL)
Clyde Richbourg, Gulf States Marine Fisheries Commission (FL)

GSMFC Staff

Larry B. Simpson, Executive Director
Ginny K. Herring, Executive Assistant

Others

Bill Sarratt, "The Fish Boat", New Orleans, LA
Frank R. Richardson, USFWS, Atlanta, GA
Robert P. Jones, SFA, Tallahassee, FL
Ed Burgess, NMFS, St. Petersburg, FL
Ed Klima, NMFS, Galveston, TX
Don Wickham, NMFS, Washington, DC
John F. Hall, USFWS, Atlanta, GA
Hugh Swingle, ADCNR, Dauphin Island, AL
Bill Hosking, MS-AL Sea Grant, Mobile, AL
Bill Clark, Texas A&M Sea Grant, College Station, TX
Gary Matlock, TPWD, Austin, TX
Bob Wilson, USCG, New Orleans, LA
John Burgbacher, OOC, New Orleans, LA
Paul Leach, NMFS, St. Petersburg, FL
Leroy J. Wieting, United Shrimpers Assoc. Portland, TX (new member)
Lloyd Regier, NMFS, Charleston, SC
George A. Brumfield, Zapata Haynie, Moss Point, AL
Tim Smith, Merchant Marine and Fisheries Committee, Washington, DC
Dennis J. Phelan, Senate Commerce Committee, Washington, DC
G.R. Slaton, Mid-Continent Oil & Gas Assn., Baton Rouge, LA
Ed Crateau, USFWS, Panama City, FL
Edwin A. Joyce, FDNR, Tallahassee, FL
Dixie N. Sansom, Florida State Legislature, Melbourne, FL
Richard Brunner, Zapata-Haynie Corp., Dulac, LA
Dalton Berry, Petrou Fisheries, Inc., Empire, LA
Tom Linton, Texas A&M University, College Station, TX

Adoption of Agenda

The agenda was adopted with the addition of a report from Lloyd Regier regarding shrimp quality.

Adoption of Minutes

The minutes of the meeting held on March 13, 1984, in Biloxi, Mississippi were reviewed and approved as written.

Formalizing Committee Structure

R. Rayburn began the discussion by reviewing the past structure of the IAC. He pointed to the need to formalize the committee in order to take on a more powerful role in various activities relating to the Gulf commercial fishing industry.

Those present discussed the membership of the IAC. Besides the five appointed GSMFC Commissions, the following organizations were invited to serve on the IAC:

Organized Fishermen of Florida
Southeastern Fisheries Association
Mississippi Coast Fisheries Association
American Shrimp Processors Association
Louisiana Shrimp Association
Texas Shrimp Association
National Fisheries Institute
Concerned Shrimpers Association

Members present decided to keep the membership limited to commercial fishery persons or groups only. The following groups were invited to serve on the IAC:

United Shrimpers Association (Leroy Wieting)
PISCES, Inc.

There was discussion regarding recreational fisheries interest of the IAC. It was the consensus of the group to resolve any such issues outside the IAC, either by setting up an ad hoc committee or by meeting with the existing GSMFC Recreational Fish Committee.

It was the IAC recommendation that GSMFC expand the membership of their Recreational Fish Committee to include recreational fishery groups and persons, not just state and federal representation.

C. Lyles recommended a Sea Grant representative be appointed to the IAC. It was the general feeling to call on Sea Grant's assistance when necessary; but not give Sea Grant a membership on the IAC.

It was decided not to change the name of the committee.

MARFIN Progress Report (Lott/McIlwain Initiative)

Tom McIlwain briefed the committee on the progress of the MARFIN project that was a direct result of a discussion paper entitled "Research Needs for Information Leading to Full and Wise Use of Fishery Resources in the Gulf of Mexico" compiled by Congressman Trent Lott and Tom McIlwain. He reported that MARFIN was a nine month effort of the GSMFC. The thrust of the project is to identify research needs in the Gulf of Mexico. The final document will be available in January and will be distributed to key personnel in Washington. D. Phelan and T. Smith were optimistic regarding the reception it will receive in Congress. It is anticipated that the MARFIN document will be a beneficial funding aid for the Gulf fisheries.

Ocean Incineration Regulations/Technology

R. Rayburn reported that the draft regulations will be out within one month. He has not seen the regulations but has been told that they deal mainly with technology and current methods of waste disposal not actual regulations.

T. Smith reported that Congressman Breaux chaired a meeting in September regarding ocean incineration. As a result of that meeting, Congressman Breaux's office as well as other organizations are putting pressure on EPA to develop adequate methods of waste disposal using the highest technology available. Traditional methods of disposal are grossly inadequate and alternatives are being sought.

NMFS Budget - FY85

L. Simpson reviewed the general attitude of the present administration towards marine fisheries funding. Although many fisheries programs had been marked to be severely reduced, the Congress had been successful in funding NMFS and other fisheries programs of importance.

D. Phelan said that cuts in FY86 are likely under the current administration. He recommends that all programs should be reviewed within NMFS and that bad programs or non-productive programs be cancelled in an attempt to maintain programs of highest priority.

T. Smith agreed with D. Phelan. In the past, it was possible to shift money within the budget and maintain programs within the allocated amount. This may not be possible in future budgets. He feels that responsible budget recommendations will be supported by the administration. He is concerned that if the national deficit continues to escalate the U.S. dollar will continue to grow outside of the U.S. and products will continue to be imported.

The committee requested that L. Simpson distribute budget information to committee members.

Major Projects of Gulf and South Atlantic Fisheries Development Foundation, Inc.

R. Rayburn reviewed highlights of the GASAFDFI, Inc. Highlights included a proposal to make a video on Gulf and South Atlantic Seafood and completion reports on offshore exploratory projects, purse seine demonstrations and an evaluation of commercial shark resources off the coast of South Carolina. He reported that at the last meeting of the Foundation, it was decided that trustees would take a more active role in project review and selection.

FUTA Exemption

R. Rayburn stated that Texas Shrimp Association, Southeastern Fisheries Association and others support continued exemption of fisherman for federal unemployment tax. Although it has been the case for 1983 and 1984, it has not been approved for 1985 and future years.

D. Phelan stated that it has a very good chance of being passed as a permanent exemption in 1985. J. Sansom feels that the industry should consider another solution to deal with unemployment problems internally without federal intervention.

National Ocean Policy

R. Rayburn stated that key House and Senate personnel were not able to reach a consensus on National Ocean Policy. Senate representatives did not like the establishment of a non-partisan Commission to examine ocean issues, including fisheries issues, and make recommendations to the Administration and Congress about the future direction of federal involvement.

OCS Revenue Sharing

T. Smith stated that the OCS Revenue Sharing legislation had been passed in the House three times. Due to time constraints, it failed in the Senate. D. Phelan thinks that it will pass in the Senate in 1985 but that the administration will veto it. The Senate will override the administrative veto. T. Smith suggested that the IAC review the OCS legislation and perhaps make it more flexible so that it may benefit the NMFS budget.

Fishermen's Protective Act

T. Smith said that a three-year formal reauthorization of the Act had taken place without change in the policy. The criteria of the Act are intact but certain points were clarified.

Fishermen's Contingency Fund

T. Smith stated that minor changes were established due to the inability of fishermen who got hung-up in OCS equipment to file a timely claim and presumed assumptions about the validity of the claims. These changes were a result of meetings with Congressman Breaux, NMFS and fishermen.

L. Kiffe and J.R. Nelson are concerned about the current administration of the Fund. L. Kiffe has had trouble receiving any type of response regarding his claims. T. Smith said he would check on this problem.

J. Burgbacher, a representative of the oil industry, stated that the fund was not out of money. His industry is also concerned about the administration of the fund. More money is being paid out, claims being paid are up 50%, and claims being rejected are down 26%. T. Smith stated that the reason for increased claims was that the legislation was amended in 1982 to clarify claims procedure and define more clearly the area of responsibility.

T. Smith stated that there is an effort within NMFS to improve the administration of the fund.

Amendments to the Commodity Credit Corporation

D. Phelan stated that amendments to the Commodity Credit Corporation had been passed that will enable the Department of Agriculture to purchase fishery products as well as other food products for federal programs. It is hoped that the Department of Agriculture will take advantage of this legislation.

Vessel Inspection Law

D. Phelan stated that an extensive package of changes to the Vessel Inspection Law had been made. The law has been rewritten so that all vessels are covered under a nationwide law. This has not been the case in the northwest where processing vessels were exempted from the law.

National Artificial Reef Program

T. Smith stated that legislation was passed to establish a program within the Department of Interior to come up with construction and siting standards for the development of a National Artificial Reef Program. In addition, the legislation covers other areas relating to the donators of reefs and the permit holders. Other areas relative to the development of such a program are being examined.

Wallop-Breaux Legislation

R. Rayburn explained that this legislation was designed to develop a fund for recreational fisheries research efforts. A substantial amount of money is involved. There is some concern by commercial fishermen regarding excise tax on certain gear used commercially going into the fund. T. Smith stated that monies started going into the fund the 1st of October, 1984. The first distribution of funds to the states will be October 1, 1985.

Jones Act/Insurance Losses

R. Rayburn stated that there is a lot of interest in Washington on this issue. The State of Texas and other areas have a problem with this legislation. R. Rayburn suggested that all members receive a copy of a book by Dennis Nixon regarding marine insurance so that they can better understand problems that may arise. J. Sansom requested that the Commission staff send copies of the book to IAC members. T. Smith stated that Congressman Breaux is looking into the problem of maritime insurance. D. Phelan stated that the Senate Committee is also looking into this problem.

Shrimp Quality

L. Regier addressed work going on at the NMFS Laboratory in Charleston, S.C. He stated their concern with product quality and safety. The major thrust of current work is to define problems as the industry sees it. Current programs include work on an alternative to the use of bisulfates for the prevention of black spots on shrimp.

Southeast Region Endangered Species Review

P. Leach of the NMFS, SERO in St. Petersburg, Florida discussed the activities of their Protected Species Branch. The branch deals with two federal laws - The Endangered Species Act of 1973 and the Marine Mammal Protection Act of 1972. The NMFS goal in managing marine mammals and endangered species is to protect and conserve them while minimizing

conflicts with the various fisheries and other uses of the marine environment. The staff of this Branch is involved in many programs to meet this end. They include TED technology transfer; recovery planning; permitting for educational and scientific purposes; and, public information.

Gulf Shrimp Industry Round Table Report

R. Rayburn reported that representatives of the shrimp industry held a meeting in April to discuss issues of interest to the industry. Thirty people attended and it was decided to meet on a semi-annual basis to have further discussions. A meeting is scheduled for November 9, 1984 in New Orleans. The main topic for discussion will be shrimp quality. A summary of the meeting held in April was given to IAC members.

Section 332 - Investigation of Southern Shrimp Industry

T. Smith reported that as a result of hearings held by the Subcommittee on Fisheries and Wildlife, several discussions were held with representatives of Ambassador Brock's office and U.S. Trade Representatives Offices concerning the possibility of a 332 investigation of the shrimp industry. A 332 investigation is a government funded study on the range of competitive factors that affect a segment of the domestic industry. On October 5, 1984, Ambassador Brock wrote to Paula Stern, Chairwoman for the U.S. International Trade Commission which carries out such investigations. On behalf of the President, he requested that the ITC commence an investigation and that it be limited to the U.S. Gulf and South Atlantic shrimp industry. Essentially, what the ITC will do is to develop a three part questionnaire directed at the harvesting sector; the processing sector; and the marketing sector. Congressman Breaux's staff is working with the ITC in developing the questionnaire with the assistance of industry representatives. Once the questionnaire is completed, it will be sent out to the industry for response. This basic fact finding mission enables the ITC to combine the information

gathered, lay-out a range of the findings and give it to the industry to allow them to decide whether or not it has a case under the various sections of the Trade Act. This method also provides a complete industry profile at no expense to the industry. In addition to the questionnaire public hearings will be held in the region.

* It was the decision of the IAC members to send Congressman Breaux a letter of appreciation for his efforts in getting the 332 investigation instigated.

Final Report of the Marine Seismic Impact Study

T. Linton of Texas A&M University reported on some of their findings in a marine seismic impact study. The studies were done on three types of explosives: high velocity (e.g. dynamite); low velocity (e.g. black powder); and sound source (e.g. air guns). The major difference in these three types of explosives is that high velocity explosives have a rapid rising seismic tracing. Some major conclusions for the studies on high velocity explosions is that when 40 lbs. of pressure per square inch is applied in an area, fish are killed; at 70 lbs. per square inch, all fish are killed. With low velocity explosives, where you have a moderate build-up of pressure, very little lethal effects are produced. Where sound sources are used, very little adverse effects occur. Further research will include studies on the effect on fish behavior in areas where seismic studies occur.

State Issues - Florida

J. Sansom briefed the committee on two problems the State of Florida is having. There is work being done to resolve a problem regarding wastewater disposal in relation to calico scallops and shrimp. Another issue that Florida industry people are concerned with is the absence of commercial representation on the fishery councils. They plan to take an active role in the FCMA reauthorization process in 1985. T. Smith said that his committee will also be addressing this issue at reauthorization hearings.

INDUSTRY ADVISORY COMMITTEE
MINUTES
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Election of Chairman

- * C. Lyles nominated R. Rayburn as chairman for the 1984-1985 period.
- C. Richbourg seconded the motion and it carried unanimously.

Meeting was adjourned at 1:15 p.m..

APPROVED BY:

Jack Berry
COMMITTEE CHAIRMAN

MENHADEN ADVISORY COMMITTEE

MINUTES

Wednesday, October 17, 1984
New Orleans, Louisiana

GS/FFMB MENHADEN ADVISORY COMMITTEE
MINUTES
Wednesday, October 17, 1984
New Orleans, Louisiana

Dalton Berry, Chairman, called the meeting to order at 1:00 pm.
The following were in attendance:

Members

F. H. Daniel Cook, Standard Products, Kilmarnock, VA
George Brumfield, Zapata Haynie, Moss Point, MS
Gary Matlock, TPWD, Austin, TX
Hugh Swingle, ADCNR, Dauphin Island, AL
Harry Schafer, LDWF, Baton Rouge, LA
W. Borden Wallace, Wallace Menhaden Prod., Mandeville, LA
Jack T. Styron, Wallace Menhaden Prod., Mandeville, LA
J. Y. Christmas, GCRL, Ocean Springs, MS
Dalton R. Berry, Petrou Fisheries, Empire, LA
Robert B. Chapoton, NMFS, Beaufort, NC

Staff

Larry B. Simpson, Executive Director
Lucia B. O'Toole, Publication Specialist

Others

Richard Condrey, CEFI/LSU, Baton Rouge, LA
Deborah Fuller, CEFI/LSU, Baton Rouge, LA
David Etzold, USM, Hattiesburg, MS
Paul Kalman, MAC for the Gulf of Mexico, New Orleans, LA
Douglas Vaughan, NMFS, Beaufort, NC
Carlos Garces, LSU, Baton Rouge, LA
Walter Nelson, NMFS, Pascagoula, MS
Rick Kasprzak, LDWF, Grand Isle, LA
Vince Guillory, LDWF, Grand Isle, LA
Richard Brunner, Zapata Haynie, Dulac, LA
William C. Lunsford, Lunsford & Assoc., Timonium, MD

Adoption of Agenda

The agenda was adopted with the addition of item 4 (c) - Walter Nelson - brief statements on MSY prediction model.

Adoption of Minutes

The minutes of the meeting held in Biloxi, Mississippi on March 13, 1984 were adopted as presented.

Report on 1984 Fishing Season

Bob Chapoton reported purse-seine landings through October 6, 1984 amounted to 957,000 metric tons, a 7% increase over the same time period in 1983. Eastern and Central area landings were 15-20% ahead of 1983 landings while Western area landings were 4-5% less than 1983 landings. The projected landings figure for all of 1984 is 980,000 MT which surpasses 1983's record of 923,600 MT. The new record is 16% greater than the April 1984 NMFS forecast. NMFS estimates purse-seine landings of Gulf menhaden in 1985 will be good but moderately less than in 1984.

Status Report on 1984 Captain's Daily Fishing Report

Douglas Vaughan reported that all of the 3,909 CDFRs received from the Atlantic and 95% of the 9,910 CDFRs received from the Gulf for 1983 have been coded and key entered but not yet edited. Nothing has been done on the 1984 reports at this time. The main reason for the delay in processing the CDFRs is a lack of manpower.

Estimates of Maximum Sustainable Yield

Walter Nelson reported on a error in the MSY prediction model which will result in an increased MSY estimate. For the data set for 1964 through 1977 the MSY would be 585,000 MT rather than 544,000 MT. Discussion followed on problems caused by publication of MSY data.

D. Vaughan reported on two modeling approaches, surplus production and population simulation models, used to obtain estimates of MSY using data through the 1983 fishing season. Using the two approaches estimates for MSY range from 700,000 to 750,000 MT. Recent harvests in excess of the range of estimates of historical MSY do not appear detrimental to the stock. Gary Matlock asked what factors involved in the population simulation model had changed since the 1977 data were analyzed which produced different estimates of MSY. He said there seemed to be an underlying contradiction in the conclusion reached by NMFS which implied that the environmental conditions are better since 1977 for the animals, which would imply a lower natural mortality than

was occurring previously. D. Vaughn said the natural mortality rate that they were assuming is from about age 3/4, towards the end of the 0-year class, whereas environmental conditions that may be leading to the high recruitment conditions probably occurred prior to that age. They were talking about natural mortality at two different parts of the life span of the fish. G. Matlock said natural mortality may be occurring in both parts and it was dangerous to make the contradiction.

Progress Report on 1978 Data (CDFRs)

Richard Condrey stated that the data for 1978-1982 was received by him at LSU from Beaufort last May. He introduced Debbie Fuller who was hired as a research associate to help on the menhaden work. His report was handed out which showed that they had computerized one year (1981) of the menhaden data at this point. The total number of fishing days for 1981, 165, was thought to be too high and will be checked. There were some problems encountered with coding the CDFRs and the Committee was asked to review a list of set locations for which no official name could be found. The 1980 data is now being coded. R. Condrey said he believed they could computerize and turn around the 1985 data during the summer with the help of students in one month's time. The Committee will consider the possibility and make a decision at the March meeting.

Report on Data Gathering

R. Condrey had mailed out an updated bibliography of articles published on gulf menhaden since 1980 to a number of MAC members. Anyone not receiving this information who desires a copy may contact the Commission office for a copy.

Information Needed for Data Gathering

David Etzold distributed a form (attached) which will serve as a mechanism to make it easier to update the Plan, the second edition should be 1987-88 since it is a five year plan. The form is to be filled out and mailed to the Commission along with a copy of the

information described. D. Etzold suggested that a listing of the compilation be circulated to the members once or twice a year.

GSMFC as Depository for Data

Larry Simpson said the Commission would be happy to act as a depository for the information and also report a listing of what is compiled every six months.

Election of Chairman

* Billy Lunsford nominated Dalton Berry for another term as Chairman of the Menhaden Advisory Committee. The Committee unanimously agreed.

Other Business

L. Simpson handed out a letter from Ray Richardson who will no longer be a member of the Committee. Borden Wallace suggested the Charter be changed to show the change in numbers. D. Berry in his report to the Board will recommend the Charter be amended to read "The Advisory Committee shall be comprised of one member from each of the five Gulf State Fishery Agencies, one member from each operating menhaden company in the Gulf, and one non-voting member from the NMFS."

L. Simpson said that the Commission had asked each committee to briefly address the Lott/McIlwain (MARFIN) project. D. Etzold reported on the activities of the MARFIN Task Force and commended D. Berry for his representation of the Committee.

B. Chapoton handed out an article from Organic Gardener (Oct., 1984) discussing fish emulsion fertilizer.

The meeting adjourned at 2:40 pm.

GULF OF MEXICO MENHADEN

Documents, Articles, Information

1. Identify (title) and briefly describe (Attach Abstracts, if feasible)

2. Copy of Document (Attached)

OR

3. Location and Identification of Agency and Person to Contact,
including Telephone Number and Address, as well as Name of Author
and Number of Pages.

4. Your Name:

5. Mail to: Gulf States Marine Fisheries Commission
P.O. Box 726
Ocean Springs, MS 39564
(601) 875-5912

ATTN: Menhaden Repository

APPROVED BY:

F

COMMITTEE CHAIRMAN

FRED DEEGEN

FOR

JIM BARRETT

* wi. change to
membership
listing & editorial
changes to
Pigs to Reef
Update discussion.
changes made.
JSD

RECREATIONAL FISHERIES COMMITTEE

MINUTES

Wednesday, October 17, 1984
New Orleans, Louisiana

RECREATIONAL FISHERIES COMMITTEE

MINUTES

Wednesday, October 17, 1984

New Orleans, Louisiana

Chairman, Frederick Deegen called the meeting to order at 1:00 pm.

The following members were present:

Members

Frederick Deegen, BMR, Long Beach, MS
Frank Richardson, USFWS, Atlanta, GA
Villere Reggio, MMS, Metairie, LA
Walter Tatum, ADCNR, Gulf Shores, AL
Ron Schmied, NMFS, St. Petersburg, FL
Maury Ferguson, TPWD, Austin, TX

Staff

Mary A. Crosby, GSMFC, Ocean Springs, MS

Others

Ed Crateau, USFWS, Panama City, FL
Joe Perryman, MMS, Metairie, LA
Norman Froomer, MMS, Metairie, LA
Mary Bartz, MMS, Metairie, LA
Gil Bane, LSU, Baton Rouge, LA
Don Wickham, NMFS, Washington, DC
Jim McCallum, ASMFC, Washington, DC
John Hall, USFWS, Atlanta, GA
Kenneth McLain, McLain & Company, Mobile, AL
Gerald Adkins, LDWF, Baton Rouge, LA
John Roussel, LDWF, Baton Rouge, LA
Lou Villanova, USFWS, Atlanta, GA
Dick Applegate, USFWS, Albuquerque, NM
Al Green, TPWD, Austin, TX
Eugene Nakamura, NMFS, Panama City, FL
B.G. Thompson, NMFS, Washington, DC
John Ray Nelson, Bon Secour Fisheries, Bon Secour, AL
Richard Leard, BMR, Long Beach, Mississippi
Jack Brawner, NMFS, St. Petersburg, FL
Ed Burgess, NMFS, Charleston, SC
I.B. "Buck" Byrd, NMFS, St. Petersburg, FL
Edwin Joyce, FDNR, Tallahassee, FL
Maury Ferguson, TPWD, Austin, TX
John Burgbacher, OOS, New Orleans, LA
Tom McIlwain, GCRL, Ocean Springs, MS
Gary Matlock, TPWD, Austin, TX
Richard Condrey, LSU, Baton Rouge, LA
Al Jones, NMFS, Miami, FL
Warren Stuntz, NMFS, Pascagoula, MS
Robert Chapoton, NMFS, Beaufort, NC
Douglas Vaughn, NMFS, Beaufort, NC

Adoption of Agenda

The agenda was adopted as presented.

Review and Approval of Minutes

The minutes of the meeting held on March 13, 1984, in Biloxi, Mississippi, were approved with the following changes:

- 1) Page 2, paragraph 2 was revised.
- 2) Paragraph 4 of the Draft Resolution, de facto was added to clarify reefs.

D.J. Expansion Update

It was reported that D.J. became effective October 1, 1984. The money will not be available for obligation until October 1, 1985. It is unknown of the exact amount to be awarded. A chart was distributed based on estimates of \$80 - \$90 million as a possible mark. January 1, 1985 was stated as an approximate date for each State to be aware of their apportionment.

The U.S. Fish and Wildlife Service (USFWS) will be responsible for administering the program. Each State will submit the projects to their respective regional office of the USFWS. Texas will submit to the Albuquerque, NW branch, and all other Gulf States will use the Atlanta, GA branch. Each marine resources agency will be visited to fully explain the system.

L. Villanova gave a brief discussion on the requirements for Wallop-Breaux funds. Written copies were passed around for review. He pointed out during the discussion that D.J. funds can only be used for finfish projects.

Update on Rigs to Reefs Program

V. Reggio reported that since the committee last convened, several things of interest have taken place which include:

- 1) The Reefs Task Force which is an initiative by former Secretary of Interior Watt to form an informal task force which is co-chaired by the National Ocean Industry

Association. A meeting was held during July in New Orleans, Louisiana where Secretary Clark made a strong commitment that he would support converting oil and gas structures to reefs. One of the primary objectives of the Reefs Task Force is to push for a National Policy on Artificial Reefs.

He further reported that L. Simpson gave a report in Alaska in September recommending that the International support legislative efforts to get a national policy for artificial reefs.

With regard to the planning of artificial reefs, there are two (2) ongoing projects in the Gulf of Mexico. The sportsfish project is to identify high priority recreational demand areas in the Gulf of Mexico and a MS-AL Sea Grant project. Both projects are funded by NMFS, Saltston-Kennedy funds. He pointed out that this is good planning toward development of artificial reefs.

Minerals Management Service (MMS) has funded a study with the National Research Council on platform disposition. The fifth annual information transfer meeting of the MMS will be held in New Orleans, November 27-29, 1984.

Legislature recently passed an exhibition by the Smithsonian Institute Traveling Exposition (SITE) that will take approximately two (2) years to put together and will have exhibitions world-wide.

A new publication entitled "Fishing Offshore Platforms-Central Gulf of Mexico" is presently available from MMS.

Update on the National Fishing Enhancement Act of 1984

R. Schmied reported that H.R.6342, National Fisheries Enhancement Act, passed the Senate on October 10 and is presently awaiting the President's signature. The purpose of the Act is to promote and facilitate responsible and effective efforts to establish artificial reefs, and to establish general standards, primarily to enhance fishery resources. Also, to facilitate fishing access, minimize conflicts and be consistent with international law and and create no unreasonable obstructions in navigations. The Act calls for the creation of a

The Act calls for the creation of a national artificial reef plan to be developed within a year.

A brief report followed on artificial reef permitting and liability. The Corps of Engineers is designated to issue permits.

There is nothing in the title to extend or diminish State authority with respect to their duties and responsibilities.

F. Richardson gave a USFWD budget update in which he pointed out that significant increases in research and anadromous fish funding is expected. He also indicated that work on coastal species was intensifying, notably with respect to red drum, and snook.

E. Crateau reported on the striped bass stocking program, in particular, the work involving the Gulf Coast race stripper.

Federal Guidelines for Artificial Reefs

R. Schmied briefly reported that the draft federal guidelines will be mailed out in November for review and formal comments. He stated that possibly a national task force will be set up to develop the plan.

Discussion of Artificial Reef Siting Criteria

A brief discussion was given by the committee.

State Recreational Fisheries Reports

Florida

E. Joyce reported that a demonstration project on artificial reefs found that the greatest problem Florida has in building their own artificial reefs is in the transportation cost from the reef material gathering site to the approval permitted site.

He also reported that approximately 40% of Florida's D.J. monies will be put toward artificial reefs. Another 20% will be utilized to increase recreational statistics gathering efforts.

Alabama

W. Tatum reported that Alabama has sports fish status for spotted sea trout and red drum. It was passed by regulatory action and went

into effect in April and will be in effect for one (1) year or until an independent study can establish the status of red drum and spotted sea trout.

On October 1, a creel survey was initiated for finfish catches. The survey will be ongoing for two (2) years covering all areas of finfish activities. The creel survey is part of the 88-309 program.

Mississippi

F. Deegen reported that Mississippi has developed a saltwater game fish official record keeping list. The listing was compiled using saltwater sportsfishing records based on documentation of rodeo records.

Mississippi has also created four (4) additional low profile artificial reefs.

Louisiana

G. Adkins reported that Louisiana began a creels survey in January to determine catch effort, species composition, etc. by recreational finfish fishermen. The survey is an 88-309 project due to terminate December 1, 1984.

Also, the Legislature authorized a finfish management section within the seafood division of the Louisiana Wildlife and Fisheries Department, strictly for finfish research.

Texas

M. Ferguson reported on the success of Texas' fisheries following last year's freeze. She also stated the the Gulf FCZ head boat survey has been terminated because of extra sampling.

Other Business

The need for additional representation on the committee was discussed and agreed that some recreational fishing industry and private sector representatives would be beneficial. It was suggested that the additional members could be solicited from organizations such as the American Fishing Tackle Manufacturer's Association, the IGFA, the SFI, the Gulf Coast Conservation Association and others.

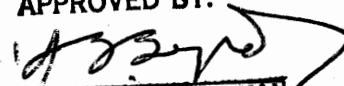
* F. Deegen agreed to request Commission's approval to pursue the matter further by having the committee compile a listing of names from which the new members would evolve.

RECREATIONAL FISHERIES COMMITTEE
MINUTES
Page -6-

* W. Tatum nominated J. Barrett for chairman. There being no further nominations, J. Barrett was unanimously elected chairman for FY85.

Meeting adjourned at 4:00 pm.

APPROVED BY:


COMMITTEE CHAIRMAN

GULF STATE-FEDERAL FISHERIES MANAGEMENT BOARD

MINUTES

Thursday, October 18, 1984
New Orleans, Louisiana

GULF-STATE FEDERAL FISHERIES
MANAGEMENT BOARD
MINUTES
Thursday, October 18, 1984
New Orleans, Louisiana

Chairman I.B. "Buck" Byrd called the meeting to order at 4:25 pm.
The following members and proxies were present:

Members

W.S. Perret	(proxy for Angelle)	LA
Edwin Joyce	(proxy for Gissendanner)	FL
Gary Matlock	(proxy for Travis)	TX
Ralph Rayburn	(proxy for Santiesteban)	TX
Hugh Swingle	(proxy for Hodnett)	AL
George Brumfield	(proxy for Millette)	MS
Richard Leard	(proxy for Strong)	MS
Taylor Harper		AL
Lon Strong		MS
I.B. Byrd		NMFS

Staff

Larry B. Simpson, Executive Director
Ginny K. Herring, Executive Assistant

Others

Melissa W. Smith, USDOE, New Orleans, LA
Jack T. Brawner, NMFS, St. Petersburg, FL
Eugene L. Nakamura, NMFS Panama City, FL
Clyde Richbourg, GSMFC Commissioner, Gulf Breeze, FL
Peter Eldridge, NMFS, Charleston, SC
Walter M. Tatum, ADCNR, Gulf Shores, AL
Kenneth R. McLain, Mobile, AL
Robert Chapoton, NMFS, Beaufort, NC
Douglas Vaughan, NMFS, Beaufort, NC
Joe Perryman, MMS, New Orleans, LA
Ken Roberts, LSU, Baton Rouge, LA
John F. Hall, USFWS, Atlanta, GA
D.R. Ekberg, NMFS, St. Petersburg, FL

Adoption of Agenda

The agenda was adopted with the addition of a brief report from Don R. Ekberg, NMFS, St. Petersburg, Florida on an information exchange system for the Southeast area and a report from I.B. Byrd regarding current status of FY85 state-federal cooperative agreements.

Adoption of Minutes

The minutes of the meeting held on March 14, 1984, in Biloxi, Mississippi, were reviewed and approved as written.

Status Report - FY84 State-Federal Activities

L. Simpson reported that all objectives and responsibilities of the cooperative agreement entitled "Data Accumulation, Planning and Administration for Interjurisdictional Management of Marine Fisheries Resources in the Territorial Sea of the Gulf of Mexico (1984)" are being accomplished and quarterly reports have been submitted to the Southeast Regional Office, NMFS. Major accomplishments include:

- 1) Publication of "Profile of the Blue Crab Fishery of the Gulf of Mexico".
- 2) The TCC Statistical Subcommittee held two workshops to allow members to learn the philosophy, operational procedures and problems encountered by states which have established state-funded programs to gather fishery dependent statistics.
- 3) Administration, travel, communication, planning and other activities for the administration of the Gulf State-Federal Fisheries Management Board, its committees and the SEAMAP program.

A completion report will be submitted to the Southeast Regional Office, NMFS on October 31, 1984.

Larry Simpson expressed appreciation to the Southeast Regional Office and in particular to I.B. Byrd for their help in making the FY84 State-Federal projects a success.

Status Report - Menhaden Advisory Committee

D. Berry reported that the Menhaden Advisory Committee had met on Wednesday, October 17.

R. Chapoton reported on the 1984 Gulf Menhaden Landings. Approximate total Gulf landings are 980,000 metric tons, a new record. The 1985 outlook is good but less than 1984.

D. Vaughan reported that 95% of the Captain's Daily Fishing Reports have been coded and key entered. Due to the man hours necessary to transfer data, work on 1984 reports has not begun.

W. Nelson reported an error in the MSY prediction model. With the correction, the MSY yield would increase.

Other topics discussed at the Menhaden Advisory Committee meeting included a report from R. Condrey on data he is gathering on five years of Captain's Daily Fishing Reports (1978-82); a data storage depository; activities of the Marine Fisheries Research Initiative; and a recommendation to change the Menhaden Advisory Committee charter to conform with current changes in the menhaden industry.

D. Berry was unanimously elected Chairman for the coming year.

* C. Perret motioned to accept the Menhaden Advisory Committee's report. Motion carried unanimously.

Status Report - Crab Subcommittee

No report was given to the GS-FFMB since all present had attended the TCC meeting just prior to convening and had already heard P. Hammerschmidt's report to the TCC. His report was approved.

Copies of the publication "Profile of the Blue Crab Fishery of the Gulf of Mexico" were distributed to all Board members and unanimously approved.

Status Report - SEAMAP Subcommittee

W. Tatum reported that the SEAMAP Subcommittee had accomplished its objectives and responsibilities in FY84 using funds in the amount of \$52,000.

He reported that \$1 million had been allocated to the NMFS budget for FY85. This amount had been disseminated between the Gulf and South Atlantic region. The Gulf States have submitted their individual SEAMAP proposals and feelings are optimistic for the continued success of the Gulf SEAMAP program in FY85.

The SEAMAP Subcommittee report was approved without objection.

B. Byrd complimented the work of all committees, Board members and Commission staff for the cooperative effort that exist in all State-Federal endeavors.

Status Report - FY85 State-Federal Activities

L. Simpson reported that an application for federal assistance has been submitted to NMFS, SERO in the amount of \$41,500. This grant, if awarded will provide administrative support to the GS-FFMB and its committees, as well as administrative support of the SEAMAP program.

L. Simpson's report was approved without objection.

Report - Information Exchange System

D.R. Ekberg presented a report directed to decision makers and information generators. He cited the need for timely and easily reviewed information for certain types of urgent situations.

He presented a one page summary of the life support system for menhaden (attached). This method presents information to a decision maker in a concise and easily reviewed way to save the decision maker the extra time and effort of reviewing larger reports or other available information. Those present agreed that any system that got information out in a timely manner and was easily reviewed would be of great help to decision makers.

Status Report of FY85 State-Federal Documents

I.B. Byrd stated that he was certain that the documents would be approved by FARB. It is currently taking between 90-120 days to go through the system. He is not certain exactly when they will be approved.

Election of Chairman and Vice-Chairman

* T. Harper nominated H. Swingle for Chairman. There being no further nominations, H. Swingle was unanimously elected Chairman for FY85.

* H. Swingle nominated I.B. Byrd for vice chairman. There being no further nominations, I.B. Byrd was unanimously elected vice-chairman for FY85.

Meeting adjourned at 5:00 pm.

DRAFT

MENHADEN	°C	PPT	O ₂	TURB.	METALS	PPM	LIGHT	FOOD	SUBSTRATE	GEOM	PREDATORS	PATHOGENS	ELECTRICITY
Eggs/Embryo	20° 12/ 10-26° 33/ 14-22° opt. 3/	6-36 6/ 25-36 3/											
Larvae <30mm	20° 12/ 15-25° 3/ opt. 3/ 28-30° 17/ max. shock T. for survival. > 3° for entry into Ests. 20/	5->30 15-25 opt 3/					f(Lux) 25-500 Lux 9/ ↑ feeding 0.5 Lux - moonlight 19/	< 5mm Dinoflag + Tintinnids > 5mm Copepod Nauplii 31/			Hake 25/	Cestodes Trematodes 8/	
Prejuvenile 30-40mm	29.4° for acclim. at 15° 18/	0-1 for preg. juv. to juv. 35/ 3-34 (25-35g. fish) 15/	> 3 PPM 3/	↑ Turb. ↓ predation 22/			heat re- sistance a direct function of length of photo- period 16/ 14/	~182mm phyto- plankton > 2m 2/ 16-120mm crustaceans 30/ filter feeding 19/ prey width ↑ as fish length ↑ 31/ 2-20% algae 24/ 80-90% detritus NC-marsh estuary 13-20% of dry body wt/day in organic matter 28/ QO2=0.3mg. 02/g/h. at 20° in 15 ppt. 13/	mud ↓ sand mud ↓ shell- sand 3/	> 1000 acres ↓ 50-1000 acres ↓ < 50 acres 3/	Bluefish 10/ Striped Bass 16/ Flounder 29/ etc.	0-46% w isopods in 19 estuaries of Atlantic Coast. 23/	
Juvenile > 40mm	5°-34° 4/ 5°-20° 3/ opt.	5-20 opt. 3/											
Adult ↓	15-20° 7/ 10-13 22-27 Best for Jan. Recruitment in Grand Isle, LA. 11/				in PPM Zn=100 Fe=850 Mn=27 5/	PCB 0.4-20 fish oil 0.5-1.5 fish meal <.02 meal <.3 oil. dieldrin <.09 meal. 32/		Plankters 27/ QO2=0.164mg 13/ 02/g/h. at 20° in sea water.	H ₂ O color Brown ↓ Green ↓ Clear 3/		Bluefish Whales Porpoises Sharks etc. 1/	Copepods Nematodes Cestodes Isopods Sea lamprey 34/	React violently to 2-20K Hertz noise. 26/ Conc. by electric field 21/

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APPROVED BY:


COMMITTEE CHAIRMAN

TECHNICAL COORDINATING COMMITTEE

MINUTES

Thursday, October 18, 1984
New Orleans, Louisiana

TECHNICAL COORDINATING COMMITTEE
MINUTES
Thursday, October 18, 1984
New Orleans, Louisiana

Vice Chairman J. Y. Christmas called the meeting to order at 2:10 pm. The following members and guests were present:

Members

J. Y. Christmas, GCRL, Ocean Springs, MS
Thomas McIlwain, GCRL, Ocean Springs, MS
Gary Matlock, TPWD, Austin, TX
Ed Joyce, FDNR, Tallahassee, FL
Walter M. Tatum, ADCNR, Gulf Shores, AL
Hugh Swingle, ADCNR, Dauphin Island, AL
Dick Berry, NMFS, Miami, FL
Corky Perret, LDWF, Baton Rouge, LA
Barney Barrett, LDWF, Baton Rouge, LA

Staff

Larry B. Simpson, Executive Director
Nikki Bane, SEAMAP Coordinator

Others

Joe Perry, U.S. Minerals Management Service
John F. Hall, USF&WS, Atlanta, GA
Albert C. Jones, NMFS, Miami, FL
Brad Brown, NMFS, Miami, FL
Anthony Laska, City Planning Commission, New Orleans, LA
E. L. Nakamura, NMFS, Panama City, FL
Aaron Rosenfield, NMFS, NEFC, Oxford Lab
Lloyd Regier, NMFS, Charleston, SC
Larry Nicholson, GCRL, Ocean Springs, MS
G. R. Slaton, Mid-Continental Oil and Gas Assn.
Harriet Perry, GCRL, Ocean Springs, MS
Andrew J. Kemmerer, NMFS, Mississippi Labs
Gil Bane, LSU, Coastal Fisheries Institute
Don Wickham, NMFS, Washington, DC
Don Ekberg, NMFS, St. Petersburg, FL
Bob Chapoton, NMFS, Beaufort, NC
David Etzold, USM, Hattiesburg, MS
Warren Stuntz, NMFS, Pascagoula, MS
Paul C. Hammerschmidt, TPWD, Seadrift, TX
John Supan, LSU Marine Advisory Service
Richard Waller, GCRL, Ocean Springs, MS
Walter R. Nelson, NMFS, Pascagoula, MS
Melissa W. Smith, U.S. DOE, New Orleans, LA
Jack Brawner, NMFS, St. Petersburg, FL
Fred Deegen, MBRM, Long Beach, MS
Claude J. Boudreaux, LDWF, Baton Rouge, LA
Douglas S. Vaughan, NMFS, Beaufort, NC
Jim McCallum, ASMFC, Washington, DC

Adoption of Agenda

The agenda was adopted by consensus.

Adoption of Minutes

The minutes of the meeting held in Biloxi, Mississippi on March 14, 1984 were adopted by consent with no changes or amendments.

Report on Controlled Freshwater Introduction

D. Etzold presented information on the three freshwater introduction projects:

- (1) Caernarvon site: Construction will begin in November, 1986, with anticipated completion in 1988.
- (2) Davis Pond site: An engineering design is expected in 1986-87, with construction planned for 1990.
- (3) Bonnet Carre site: An engineering design is ongoing (October 1984), with operations anticipated by 1991.

Report on Marine Fisheries Initiative

D. Etzold presented a slide show of the Initiative's goals, objectives and progress. The report is expected to be completed by October 31, 1984, with submission to the Gulf and Atlantic States Fishery Development Foundation, Inc. in January, 1985. A bibliographic compilation from each research unit involved with the report will be included, noting research needs and problems.

Report on Joint U.S.-Japanese Exploratory Squid Cruise

T. McIlwain presented information on the October-November U.S.-Japanese exploratory fishing survey in the northern Gulf of Mexico, noting the venture has resulted from Congressman John Breaux's efforts. Research is being conducted in conjunction with NMFS and an advisory group of interested state scientists. The cruise began October 13, with

catches so far composed almost totally of Illex spp. Greatest catches have been in waters deeper than 50 fm, with the highest catch rate 400 lb/hr. Little success has been obtained by jigging. Further opportunities exist for additional joint efforts to identify commercially feasible stocks of squid.

Report on Louisiana Finfish Task Force

C. Perret summarized the origin and history of the Finfish Task Force created by the Louisiana Governor and composed of scientists, recreational and commercial fishermen and others in the industry. The Task Force was successful in getting the state Legislature to pass the Louisiana Saltwater Finfish Act in 1984, which addresses five issues:

- (1) Licensing structures.
- (2) Gear restrictions.
- (3) Size limits.
- (4) Total take of seatrout and red drum.
- (5) Use of unattended nets.

Estimated yearly revenues are expected to be \$900,000 to \$1,000,000, to be used for a newly-created Finfish Management Section of the Louisiana Department of Wildlife and Fisheries, with Gerald Adkins as the section leader. Seller licenses will be required for fishermen from other states landing Louisiana-caught fish in their own states; licenses are not transferable.

Report on Marine Shellfish Introduction and Export

Aaron Rosenfield (NMFS, Oxford Lab) offered a slide presentation of the extent and spread of exotic shrimp introductions throughout the world. Major concerns focused on the most prevalent viruses affecting shrimp stocks and desired development of appropriate policy statements and regulations that can be implemented to prevent biological pollution of native U.S. shrimp stocks. A special committee or subcommittee was urged to study the problem and make appropriate recommendations, as well as consideration by each state of present policies and regulations.

J. Y. Christmas noted that at this time, the TCC has no stated position on this issue, but as desired, may examine policy statements as a whole. Discussion followed on current knowledge of state policies and interest in the problem, as well as political considerations of enacting limiting regulations. Following election of a new TCC Chairman, that TCC member will develop a mechanism for encouraging the Gulf States to generate appropriate policies and regulations.

Subcommittee Reports

(1) SEAMAP Subcommittee

W. Tatum reviewed SEAMAP activities and events for spring/summer, 1984:

- ° Three ichthyoplankton surveys.
- ° The Spring-Summer Shrimp/Groundfish Survey and real-time data mailouts, with results of a questionnaire evaluating the summary mailouts.
- ° A red drum stock identification study, in its final planning stages.
- ° Approval of N. Bane as SEAMAP Coordinator for 1984-85.
- ° Subcommittee approval of the SEAMAP FY1985 Budget and Activities.

- * W. Tatum moved to have the TCC approve the SEAMAP FY1985 Project Summary. Motion was seconded by H. Swingle and carried unanimously.
- ° Publication of several documents, including the 1982 SEAMAP Atlas, Operations Plan Executive Summary and 1984 Marine Directory, and a list of documents citing SEAMAP data.
 - ° Subcommittee meetings held in September and October 16, a joint SEAMAP-Gulf/SEAMAP-South Atlantic meeting on October 16, and a budget planning meeting between representatives from both groups in July.

(2) Crab Subcommittee

Paul Hammerschmidt discussed major points of the recent Crab Subcommittee meeting:

- ° Increased interest in blue crab shedding operations.
- ° Scheduling of a soft-shell blue crab symposium for February 1985.
- ° Tentative scheduling of a stone crab workshop for July 1985.
- ° Completion of a final draft of the Blue Crab Profile.

The Subcommittee recommended the following items:

- ° That blue crab be assigned a priority status by the SEAMAP Subcommittee to permit sorting of larval specimens in Poland as feasible.
- ° That Harriet Perry of the Gulf Coast Research Lab be appointed to the SEAMAP Plankton Work Group.
- ° That P. Hammerschmidt be re-elected as Subcommittee chairman.

E. Joyce moved to add two new members, Charles Moss and Gary Perkins, to the Subcommittee. H. Swingle seconded the motion. Discussion followed on the appropriateness of appointing additional members to the Subcommittee rather than advisory work groups, which would entail a TCC policy change. The question was called, restated and the motion denied, with one dissenting vote.

- * G. Matlock moved to have the TCC send a letter of appreciation to those participating in the Blue Crab Fishery Profile. The motion was seconded and passed unanimously.

E. Joyce recommended that the TCC inform the states of the need for blue crab stock identification in the north central Gulf, with tagging studies appropriate as a possible SEAMAP activity or regional efforts.

(3) Statistical Subcommittee

C. Boudreaux noted the Subcommittee's election of a new chairman, Skip Lazauski (AL), and the vice chairman, Fred Deegen (MS). He then presented major points of the Subcommittee's three recent meetings:

- ° May 14-15, 1984, wherein Texas and North Carolina state statistical reporting systems were compared.
- ° October 9, 1984, incorporating a NMFS workshop in Miami to discuss NMFS data system problems caused by telenet and A-76 review procedures, causing a delay of at least a year before problems can be resolved.
- ° October 17, 1985, to discuss problems of existing data collection and reporting.

The Subcommittee recommended meeting in March to plan a fall 1985 symposium on data collection. L. Simpson will bring the recommendation and funding needs to the attention of the GSMFC Executive Board.

(4) Anadromous Fish Subcommittee

L. Nicholson noted recent plans of the Subcommittee:

- ° Continued work on the striped bass profile, with expected completion of the report for presentation at the March 1985 GSMFC meeting.
- ° Preliminary planning formulated for a striped bass management plan.

L. Simpson complimented the Subcommittee for its cost-effective and productive planning effort.

Election of Chairman

* H. Swingle, Chairman of the Nominating Committee, moved to nominate J. Y. Christmas as Chairman of the TCC. W. Tatum moved to second and close nominations. The motion to close the nominations was seconded and passed. The motion to elect J. Y. Christmas was passed unanimously.

J. Y. Christmas noted that he will accept the position during the transition period from Dr. Ted Ford's leadership to another, and will appoint a vice chairman soon.

The meeting was adjourned at 4:15 pm.

APPROVED BY:


COMMITTEE CHAIRMAN

EXECUTIVE SESSION

MINUTES

Friday, October 19, 1984
New Orleans, Louisiana

EXECUTIVE SESSION
MINUTES
Friday, October 19, 1984
New Orleans, Louisiana

The meeting was called to order at 8:15 am by Vice Chairman Richard L. Leard. Those in attendance were:

MEMBERS

Richard Leard (proxy for L. Strong)	MS
Lon Strong	MS
George Brumfield (proxy for T. Millette)	MS
Leroy Kiffe	LA
W.S. Perret (proxy for J. Angelle)	LA
Frank J. Patti	LA
John Ray Nelson	AL
Hugh A. Swingle (proxy for J. Hodnett)	AL
Taylor Harper	AL
Clyde Richbourg	FL
Edwin A. Joyce (proxy for E. Gissendanner)	FL
Gary Matlock (proxy for R. Kemp)	TX
Ralph Rayburn (proxy for L. Casterline)	TX

STAFF

Larry B. Simpson, Executive Director
Ginny K. Herring, Executive Assistant
Lucia B. O'Toole, Publication Specialist
Mary Ann Crosby, Staff Assistant

OTHER PARTICIPANTS

J.Y. Christmas, GCRL, Ocean Springs, MS
I.B. Byrd, NMFS, SERO, St. Petersburg, FL
Fred Deegen, DWC, BMR, Long Beach, MS
Bill Sarratt, "The Fish Boat" Covington, LA
W.P. Jensen, NMFS, Washington, DC
Jack Brawner, NMFS, SERO, St. Petersburg, FL
John F. Hall, USFWS, Atlanta, GA

Adoption of Agenda

The agenda was adopted with the addition of the following:

- 1) Resolution in honor of Theodore B. Ford.
- 2) Interjurisdictional marine fisheries resource management concerns.
- 3) Fishery Trade Officer (FTO) Program.

Adoption of Minutes

The minutes of the meeting held on Wednesday, March 14, 1984, in Biloxi, Mississippi, were reviewed and approved as written.

Committee Reports - Technical Coordinating Committee (TCC)

J.Y. Christmas, TCC Chairman reported on the following highlights of the TCC meeting held Thursday, October 18, 1984. The following topics were covered:

David Etzold reported on the status of controlled freshwater introduction into the Louisiana marshes. Three construction sites have been approved. They are Caernarvon, Davis Pond and Bonnet Carre.

David Etzold presented a slide show on the Marine Fisheries Research Initiative's goals, objectives and progress. The project should be complete by January 1, 1985.

Tom McIlwain reported on U.S. and Japanese research with squid in the Gulf of Mexico. Work began October 13, 1984. Further opportunities exist for joint efforts.

Corky Perret reported on the Louisiana Finfish Task Force created by Governor Edwards to address finfish problems and conflicts. The Task Force has been successful in getting the Louisiana legislature to pass legislation dealing with license structure, gear restriction, size limits, total take and the use of unattended nets.

Aaron Rosenfield presented a slide show and discussion of marine shellfish introduction and export. His major concern was the spread of viruses affecting shrimp and other marine shellfish. The TCC will examine policy and regulations in the Gulf States.

The TCC received reports from the SEAMAP subcommittee; Crab Subcommittee; Statistical Subcommittee; and Anadromous Fish Subcommittee.

Major actions taken on these reports were the TCC's approval of SEAMAP FY 1985 summary budget proposal; and, approval to send a letter of appreciation to participants in the Blue Crab Profile publication. It was the general agreement of the TCC that these committees were performing a great many needed and worthy projects at a minimal expense.

Final action of the TCC was to elect J.Y. Christmas chairman for the coming year.

* G. Matlock motioned to accept the TCC's report including recommendations. The motion carried.

Committee Report - Industry Advisory Committee (IAC)

R. Rayburn reported that the IAC has undergone a formal re-structuring. It is hoped that in this way the committee will be a strong industry force and a better advisory group for the Commission. There was much discussion on whether or not to expand the IAC to include recreational industry and associations. The committee decided to remain commercial in makeup but did recommend that the commission ask the Recreational Fisheries Committee to expand its membership and or involvement of these entities.

The committee heard reports on the MARFIN Program being developed by the Commission, status on ocean incineration, NMFS Budget, the upcoming Shrimp Roundtable discussions and a seismic study followup report in Texas. The committee was pleased to have both houses of the U.S. Congress Committees on marine fisheries represented by Tim Smith from Congressman Breaux's Committee and Dennis Phelan from Senator Packwood's committee. They reported and took note of the issues of interest to the Gulf of Mexico commercial industry. It was recommended that the commission write to both Congressman Breaux and Senator Packwood to thank them for their attendance. The Executive Director was directed to do so. Ralph Rayburn was re-elected as chairman for the next year.

* Leroy Kiffe motioned and John Ray Nelson seconded to accept the report and recommendations. The motion carried.

Committee Reports - Recreational Fisheries Committee (RFC)

Fred Deegen reported on the RFC meeting. Major items discussed were the new Wallop-Breaux funds (expanded Dingall-Johnson program) passage. These funds will be used by the States to do new and expand

old work in the area of marine recreational fishing. They received an update on the "Rigs to Reefs Program" and Federal Artificial Reef Guidelines. Each State provided an update on their activities relating to marine fisheries. They were aware of the Industry Advisory Committee recommendation to the Recreational Fisheries Committee for expanded membership. They discussed and will seek input from the American Fishing Tackle Manufacturing Association, Sport Fishing Institute, the International Gamefish Association and Gulf Coast Conservation Association. They will submit a list of these contacts for action to the commission. Jim Barrett of Florida was elected chairman for the next year.

* Mr. Patti motioned and was seconded by Mr. Rayburn to accept the report and recommendation of the RFC. The motion passed.

Committee Reports - Southeast Marine Advisory Service Network (SEMAS)

Larry Simpson reported for Ron Becker, Chairman of the SEMAS Committee. Although the committee did not meet at the New Orleans meeting of the Commission, they had previously met by conference call. Major items discussed and actions taken since last March were as follows:

1. Participated in fishing industry seminars i.e., Workboat Show 1985.
2. Travel film was developed by Georgia Marine Extension Service and NMFS, will be premiered at the Workboat Show '85.
3. Handbook on Fishing Business Financial Management was produced.
4. U.S. Fish & Wildlife Service coordination efforts.
5. Organization efforts for the NOAA Ocean Service Center, New Orleans.
6. Selection of the SEMAS Agent/Specialist of the Year Award - Wayne Westcott, North Carolina.
7. Planning for a soft-shelled blue crab research symposium set for February 1985.

8. Participation in the Volunteer Mariner Report (MAREP) Systems for Coastal and Great Lake States.

9. Participation in the MARFIN project.

* A motion was made by J.R. Nelson and seconded by Hugh Swingle to accept the committee's report. Motion carried.

Report - Gulf States-Federal Fisheries Management Board (GS-FFMB)

Buck Bryd reported on the GS-FFMB meeting. He indicated they had a good year. The board supported several regional cooperative fisheries programs including part of SEAMAP and committee travel and activities to enhance our interjurisdiction fisheries. He complemented the cooperative spirit that all the participants exhibit in the GS-FFM Program.

Report - NMFS, Southeast Regional Office

Buck Byrd presented the report from the Regional Office. He noted these highlights of major accomplishment this past year.

1. The SEAMAP program has had significant programmatic outputs and for the first time federal funds have been appropriated for this purpose.

2. The S-F Cooperative Fisheries Statistics Program is developing into a model for other parts of the country. All ten coastal states and island governments of the southeast are participating in the program through either formal cooperative agreements or memoranda of understanding.

3. Data Collection FMP's. The three Fishery Management Councils in the region have prepared discussion papers. They have also identified the data needs for management and are now describing systems to accommodate data gaps.

4. GS/FFM Program continues to provide information for managing certain territorial sea and interjurisdictional fisheries. Current outputs are the Blue Crab Fisheries Management Plan, Revised Menhaden Management Plan and Striped Bass Planning Profile.

Mr. Byrd was optimistic about the future of S-F cooperative programs indicating the Wallop-Beaux funds will provide new programs for the States for recreational fishing activities. The PL 88-309 allocation to the States has been increased by 17.5%. He stressed the need for continuation of our work together to attain our common goals.

Legislation Update

a) PL 88-309 and PL 89-304

Larry Simpson reported on the national legislation and actions of Congress of interest to the Gulf States. He was successful along with the two other Commissions in convincing the Congress to not only reinstate the PL 88-309 and PL 89-304 programs but to get \$500K and \$200K added to the PL 88-309 and PL 89-304 programs respectively. He was concerned about the FY 86 NMFS budget for these and other programs. The FY 86 budget recommends zero funding for PL 88-309 and PL 89-304. He expects and was supported by Tim Smith and Dennis Phelan, a difficult year after the election with grant programs and marine programs in general.

b) S.2667 - "Conservation and Management of Coastal Migratory Fish"

The Chaffee Bill, S.2667 which established a management system by the Interstate Fisheries Commissions for interjurisdiction fisheries not covered by councils died in the 98th Congress. Mr. Simpson had met with Senator Chaffee's staff and presented testimony before his committee that stated this was not needed in the Gulf area. The West Coast agreed with this position and the East Coast had mixed opinions. The East Coast eventually aligned itself behind other federal legislation to be more specific for the species and geographic area targeted, that is striped bass in the Northeast.

c) Dingell-Johnson Expansion Legislation

The expanded D-J legislation passed the Congress and was signed into law by President Reagan. These new funds which could be \$100-\$120 million dollars annually will be used for recreational fishing projects. The new legislation mandates an equitable portion of these funds to marine fisheries. This split between freshwater and saltwater is based on the number of saltwater resident and freshwater resident ratios. The funds will be available October 1985 for use by the States. Mr. Simpson worked with the USF&W services over the last six months to provide implementing suggestions and will present to the commission in March a proposal for D-J funds for certain commissions activities. His thoughts were to apply for administrative funds which are not in direct competition with this regions States for coordination of regional Gulf of Mexico recreational fishing programs. This will involve funding personnel, programmatic needs and administrative costs. This along with a possible integration of regional recreational data collection activities by the States through the Commission will be discussed at the March meeting of the Commission.

SEAMAP Administrative Update

Mr. Simpson presented the FY 85 SEAMAP administrative budget for approval by the Commission. He indicated that SEAMAP was a \$90K program for FY 85 with \$70K coming from congressionally appropriated funds and \$20K being contributed by the GS-FFM program. He expected this would be the last year the S-F program would be called on to contribute and these resources could again be used for the much needed committee work and travel as well as modest programmatic needs. The subcommittee recommended the reappointment of the current SEAMAP coordinator Mrs. Nikki Bane under contract with LSU for FY 85. The commission was concerned about the additional \$10K projected cost to the program by contracting the coordinator position with LSU versus hiring a GSMFC permanent staff member. They were concerned that the contracting arrangement only has the coordinator in the GSMFC office 2-3 days per

week. A full time person in the GSMFC office could help relieve some of the Executive Directors short staff problems since he has no assistant. Mr. Simpson relayed the subcommittees reasons for selecting this option. That is program continuity with last years coordinator and that the coordinator would be working full time on SEAMAP back at LSU when not in the GSMFC office. The commission directed the Executive Director to write a letter to the subcommittee requesting them to explore other options for coordination for FY 86 including but not limited to direct commission hiring of a coordinator, contracting directly with present coordinator, IPA from NMFS, and offering the contract at a reduced amount. This would be presented to the Commission at the March meeting.

The issue of real-time reporting of SEAMAP data was held over from the last commission meeting in case problems need to be resolved. No problems were encountered at present with the current method.

* Hugh Swingle made a motion to accept the TCC and SEAMAP Subcommittee recommendations and was seconded by J.R. Nelson. Ralph Rayburn amended the motion to have the subcommittee address different options for the coordinator's position and report back in March and was seconded by Corky Perret. The amended motion carried.

NMFS Policy on Interjurisdictional Fishery Management

Pete Jenson from the NMFS Washington Office reviewed the draft policy on Interjurisdictional Fishery Management. He stated that NMFS has no intention to preempt or reduce the State's authority. He sees no need to change jurisdictional law. Our interjurisdictional problems were expanded as a result of creation of the councils. Upon questioning, he indicated that NMFS has plans for a major initiative in FY 86 for marine fish relating to interjurisdictional fishery management.

Review of Financial Assistance Review Board

Problems with time delays and actions taken since the last meeting were discussed. There is still a problem, however, the Congressional

members who have oversight on these federal programs were made aware and were supportive of our actions to work out solutions. The Commission directed the Executive Director to continue to work with Congressman Breaux and others to seek a solution to the unnecessary and burdensome time delays.

MAFAC Report

Mr. Simpson presented the written report on MAFAC. No actions were called for by the Commission.

NMFS FY 85 Budget

The Commission in close cooperation and work with the two Marine Fisheries Commissions, IAFWA, SFI, and others were successful, thanks to outstanding work by our congressional leaders on marine fisheries committees, in obtaining reinstatement of Federal programs of interest to the Gulf of Mexico. Mr. Simpson feels that a change in the line item status of Grant-in-aid programs for FY 86 will occur. The program will still be scheduled for total elimination. National policy with respect to marine fishery programs needs to be changed to prevent this continued disregard for our commercial and recreational marine fisheries needs. Eventually, the cuts will stick when we are financially or physically unable to defend them in Congress.

Charles H. Lyles Award - Rules and Regulations

* The implementing rules for the Charles H. Lyles Award were adopted. The rules are as follows:

The Charles H. Lyles Award will be awarded annually by the Gulf States Marine Fisheries Commission (GSMFC) to an individual, agency, or organization which has contributed to the betterment of the fisheries of the Gulf of Mexico through significant biological, industrial, legislative, enforcement or administrative activities.

The award shall be presented by the Chairman of the GSMFC at the last meeting over which he presides (October meeting). The recipient

shall be selected by the full Commission from open nominations by the Commissioners at the March meeting. The selection will be by secret ballot with the highest number of votes being named the recipient. In the event of a tie, the tied nominations will be re-voted on by secret ballot. Only GSMFC Commissioners or their proxies will vote.

Travel expenses, in accordance with Commission policy, will be paid for the recipient to receive the award.

State Director's Report

No action was taken that needs to be brought to the Commission.

Executive Director's Reports

Larry Simpson presented the proposed budget for the Commission for FY 85 (attached). This budget includes a retirement program for the staff. The retirement program is 6% of salary contribution by the GSMFC for each employee. The budget included 3% raises for Executive Director and Executive Assistant and 7% raises for the Publication Specialist and Staff Assistant.

* A motion was made by J.R. Nelson and Corky Perret to approve the budget including the retirement plan and pay raises. The motion passed.

Mr. Simpson requested that the Commission take time to discuss the position of Assistant to the Director in depth at the March meeting. The commission requested the Executive Director send a report to the commissions outlining the position, the necessity, etc.

* A motion was made by J.R. Nelson and seconded by Corky Perret for this report and discussion in March. The motion passed.

* Two draft letters were approved to send regarding a Fisheries Trade Office program and a request for information on interjurisdictional issue from the Gulf of Mexico.

The next meeting of the Commission will be March 11-15, 1985 in Mobile, Alabama.

Election of Chairman and Vice-Chairman

* A motion was made by George Brumfield and seconded by Corky Perret to elect Rick Leard Chairman of the Commission for the next year. The motion passed.

* A motion was made by Ed Joyce and seconded by George Brumfield to elect Clyde Richbourg as Vice Chairman for next year. Motion passed.

The Commissionners expressed their thanks to Bob Kemp for a good job as Chairman for the past year and presented a gift of appreciation to G. Matlock to take to Bob from the Commission.

There being no further business, the meeting was adjourned at 12:30 pm.

GULF STATES MARINE FISHERIES COMMISSION
PROPOSED BUDGET FY85

BUDGET CATEGORIES

	TOTAL FY84 <u>BUDGET</u>	FY85 OPERATING FUNDS	FY85 S-F SUPPORT	FY85 SEAMAP SUPPORT	FY85 COUNCIL SUPPORT	FY85 LOTT/ MCILWAIN	TOTAL FY85 <u>BUDGET</u>
1. SALARIES							
a. Executive Director	5,000	2,955		7,000	24,000	2,270	36,225
b. Assistant to Director		-					-
c. Executive Assistant	12,000	10,320	3,500	5,770		1,110	20,700
d. Secretary	10,572	2,912	1,750	6,650			11,312
e. Publication Specialist		9,572	1,750	1,580		1,008	13,910
f. Contract Labor	6,000	2,000	10,585	20,036			32,621
g. Health Insurance	8,000	8,200					8,200
h. Retirement		5,000					5,000
i. Payroll Taxes	6,700	6,500					6,500
2. MAINTENANCE/OPERATIONS							
a. Office Rental	1,200	1,200					1,200
b. Office Supplies	2,300	2,000	634	866			3,500
c. Postage	2,800	2,800	830	1,570		654	5,854
d. Professional Services	2,000	2,000				15,000	17,000
e. Travel (staff)	17,700	14,000	5,133	4,046	1,000		24,179
f. Telephone	9,000	6,500	1,130	2,170		400	10,200
g. Office Equipment	1,000	1,000					1,000
h. Office Equipment Rental	1,000	-					-
i. Copying Expenses	6,000	5,500	575	2,425		1,015	9,515
j. Printing	4,000	2,500		5,400		3,900	11,800
k. Meeting Cost	10,000	9,000	1,113	887		949	11,949
l. Subscription/Dues	1,500	1,500					1,500
m. Auto Expense	2,000	1,500					1,500
n. Insurance (auto/bond)	1,000	1,000					1,000
o. Maintenance (office equipment)	3,300	3,000					3,000
p. Petty Cash	300	300					300
q. Commission Courtesies	300	300					300
r. Committee Travel			14,500	11,600		8,408	34,508
TOTAL	<u>113,672</u>	<u>101,559</u>	<u>41,500</u>	<u>70,000</u>	<u>25,000</u>	<u>34,714</u>	<u>272,773</u>

INCOME

1. STATE CONTRIBUTIONS							
a. Alabama	11,250	11,250					11,250
b. Florida	22,500	22,500					22,500
c. Louisiana	22,500	22,500					22,500
d. Mississippi	11,250	11,250					11,250
e. Texas	37,500	22,500					22,500
2. INTEREST	8,000	6,500					6,500
3. REGISTRATION FEES	6,500	6,000					6,000
4. CONTRACTS			41,500	70,000	25,000	34,714	171,214
TOTAL	<u>119,500</u>	<u>102,500</u>	<u>41,500</u>	<u>70,000</u>	<u>25,000</u>	<u>34,714</u>	<u>273,714</u>
ADD FUND BALANCE		82,507					82,507
TOTAL AVAILABLE CASH - FY85		<u>185,007</u>					<u>356,221</u>

SEAMAP SUBCOMMITTEE
SPECIAL BUDGET MEETING
MINUTES
September 17-18, 1984
New Orleans, Louisiana
Airport Hilton Hotel

The special budget meeting of the SEAMAP Subcommittee was called to order by Mr. Walter Tatum, Chairman, at 1:10 p.m. Representatives attending were:

Mr. Tatum, Alabama
Mr. Richard Waller, Mississippi
Mr. Mark Leiby, Florida
Mr. Barney Barrett, Louisiana
Ms. Karen Foote (Alternate), Louisiana
Dr. Andrew Kemmerer, NMFS
Mr. Larry Simpson, GSMFC
Ms. Nikki Bane, SEAMAP Coordinator.

Mr. Tatum requested a moment of silence in memory of Dr. Ted Ford's dedicated efforts and contributions to the SEAMAP Program. Mr. Simpson then noted that the Gulf States Marine Fisheries Commission has scheduled a memorial tribute to Dr. Ford during the October 1984 GSMFC Meeting.

The agenda was approved as modified to include the following items for consideration:

- 1) Proper citation and recognition of SEAMAP data in publications.
- 2) Findings of the Red Drum Work Group.
- 3) Future funding for sorting SEAMAP ichthyoplankton.
- 4) The role of the SEAMAP Coordinator in the Commission.

Mr. Tatum suggested completing these matters prior to addressing the activities and budget for FY1985.

The purpose of the present meeting was reviewed by Mr. Tatum, noting the historical basis for funding SEAMAP and the necessity for careful planning at this session in order to develop an activity and funding schedule that will assure future federal funding. Dr. Kemmerer noted that President Reagan has signed the bill providing SEAMAP funding for FY1985, but cautioned that some additional assessments may be levied through various federal levels prior to distribution of the allocation to the Southeast Fisheries Center. Mr. Simpson added his concern that the maximum allowable funding be apportioned to the agencies performing the actual SEAMAP work, and Mr. Tatum expressed his gratitude for the Commission's support of that philosophy.

Mr. Barrett distributed copies of a manuscript on hypoxia by Mr. M. L. Renaud of the NMFS Galveston Laboratory and an attached letter of response from himself to Dr. Ed Klima of that lab. He noted his concern that the paper may not be correctly identifying state-acquired SEAMAP environmental data or correctly citing it in publications. Mr. Tatum reviewed for Mr. Leiby the history of similar problems with Dr. Klima. Mr. Barrett noted that the hypoxia paper refers to 1983 data that may include unverified Louisiana information and secured without Louisiana's permission and knowledge. Mr. Simpson quoted from the SEAMAP Operations Plan a statement confirming that unverified data can be released only with the state's permission.

Mr. Barrett stated that while he did not wish to prevent publication of such information, the issue of publishing unverified data requires resolution, as well as correct citation of the material. Ms. Bane noted the likelihood of resolving correct citation through existing approved catalogues and Mr. Tatum suggested that Dr. Kemmerer establish with Mr. Ken Savastano, SEAMAP Data Manager, the status of the data in question. Mr. Barrett agreed that if the data have been verified and proper procedures were observed, the article in question should not be detained for proper citation. Ms. Bane was charged, by consensus, with obtaining information on the proper citation of unpublished SEAMAP data, and providing this material to the Subcommittee in advance of the October SEAMAP meeting for resolution at that time. *1

Ms. Bane then summarized opinions of Red Drum Work Group members with respect to the proposed SEAMAP Red Drum Stock Identification Study. Mr. Bill Fable and Mr. John Hawk advised active survey planning; Dr. Tom McIlwain, Mr. Joey Shephard and Mr. Larry McEachron recommended postponement of survey planning pending resolution of such survey details as size of specimens, sampling locations, number of specimens and research plan objectives. Ms. Bane noted that at the Subcommittee's direction, she will work with Dr. Gil Bane of LSU and Dr. McIlwain to resolve these issues. Mr. Barrett moved to accept Dr. McIlwain's recommendation to postpone final planning of the red drum study until the work group has prepared the sampling plan and instructions. Mr. Waller seconded the motion. No discussion followed, and the motion passed unanimously. *2

Mr. Waller commented on the GCRL red drum spawning study underway by P. s. Joanne Shultz and John Steener and added his desire of incorporating this research into the red drum project. Mr. Simpson and Mr. Leiby presented information on the planned Florida Department of Natural Resources red drum symposium and its usefulness to the proposed red drum project.

*1 Motions indicated by asterisk and number

Ms. Bane presented information on possible proposed changes in the NMFS plankton sorting program that would require funding from the SEAMAP Program. Dr. Kemmerer clarified current funding procedures, noting about \$45,000 is spent from NMFS funds for sorting Gulf of Mexico plankton. He suggested that if the Southeast Fisheries Center requests SEAMAP funds for this purpose, the Subcommittee should state its desire to assist in the review of program objectives, target species and other policies and procedures. He further suggested that these issues will be resolved during FY1985 as the SEFC reviews the funding procedure. Mr. Tatum noted that the current objectives and target species may be somewhat unfair to SEAMAP if the program is to assist in funding the project and it is inappropriate for the SEFC to request funding from SEAMAP for FY1985.

Dr. Kemmerer moved to have the SEAMAP Plankton Work Group charged with the task of looking at long-term plankton sampling and sorting needs, and, if necessary, expand the group to include representatives from other SEAMAP participants. The motion was seconded by Mr. Barrett. Discussion noted that Florida is presently intending to expand its plankton study activities; non-fish plankton interests are not currently represented in the work group; the value of different plankton species to various SEAMAP participants needs to be addressed; and specific guidelines for ichthyoplankton sampling should be determined. The motion was passed unanimously.*3

Mr. Waller requested confirmation of Dr. Bill Richards' permission to include GCRL red drum-related plankton samples in the total SEAMAP sorting allocation. Mr. Tatum noted that this permission may be insufficient as the allocation was determined prior to the subsequent SEAMAP mackerel plankton survey in August.

Mr. Tatum requested that the Subcommittee address the FY1985 activities and budget. He reviewed the results of the joint SEAMAP-Gulf/SEAMAP-SA meeting on July 17, 1984, detailing the proposed funding split agreed upon by both programs and noting that the South Atlantic program has adopted the recommended budget. It was noted that data management for both groups will be handled through NMFS and specimen archiving likewise managed by Florida DNR. Mr. Tatum requested the Subcommittee recommend the approved funding split. Mr. Barrett moved to accept the recommended SEAMAP-Gulf allocation of \$817,000, with \$183,000 allocated to SEAMAP-SA. Mr. Waller seconded the motion. No discussion followed. The motion passed unanimously.*4

Dr. Kemmerer reviewed proposed schedules for funding the data management program for both SEAMAP units, and distributed worksheets explaining the existing system and proposed modifications. He pointed out the desirability of incorporating a system-wide study to properly design the modified system, noting some concern from Dr. Peter Eldridge of SEAMAP-SA for cost estimates. Mr. Tatum requested the cost

of such a study, estimated by Dr. Kemmerer at approximately \$25,000, the funding to be included in total data management allocations. Available data were reviewed, as well as the desirability of including the system design requirements of Florida DNR associated with specimen archiving. Mr. Barrett suggested the publication of a newsletter detailing currently available data and plankton specimens.

Dr. Kemmerer noted that a 1982 SEAMAP Ichthyoplankton Atlas published by NMFS is currently in press. Mr. Leiby reviewed current archiving progress and needs, noting a requirement of \$56,057, including salaries, computer hard- and software, equipment and supplies. He further stated his opinion that that sum could be reduced somewhat because of the anticipated delay in obtaining allocated SEAMAP funds. Expenses for plankton and other sampling by Florida would be in addition to the archiving costs, for a total of \$85,000; anticipated future costs would be reduced after initial equipment purchases. Mr. Leiby also discussed current Florida DNR postage practices pertaining to SEAMAP, noting that only very large shipments of specimens would not be covered by FDNR. Present space limitations were mentioned by Mr. Leiby in requesting additional storage cabinets.

Mr. Simpson noted the commitment of Florida to supporting the SEAMAP Program. He proceeded to distribute a proposed SEAMAP Administration budget (Attachment A) and stated that he had dropped from consideration office equipment listed. Discussion followed to clarify the total SEAMAP budget, with Mr. Simpson requesting from SEAMAP federal funds a total of \$70,000; an additional \$20,000 is available for SEAMAP Administration from state/federal funding sources, in accordance with the TCC's spring 1984 recommendation. Specific recommended allocations are itemized in Attachment A. Mr. Simpson clarified travel, salary, and other costs associated with administration. Mr. Barrett expressed his concern that administrative costs were high; Mr. Tatum noted that the Commission was doing a good job but expressed concern that the perceived effectiveness of the program in general is critical to future funding success. He noted that caution should be taken in reducing costs prior to determining long-range plans.

Mr. Barrett noted that costs should be reduced wherever possible, especially in consideration of possible duplication of overhead costs to both LSU for contractual services of the Coordinator and existing Commission services. Mr. Simpson stated his belief that the Commission clerical staff duties could not be reduced to accommodate such a reduction of expenses. Ms. Bane noted that the Coordinator position is currently a full-time one. Ms. Foote noted clarification of the Coordinator's position seemed appropriate at this time. Mr. Barrett moved to review the role of the Coordinator in the Commission. Mr. Waller seconded the motion; no discussion followed, and the motion passed unanimously.^{*5}

Dr. Kemmerer urged the program to reduce overhead where possible. Mr. Tatum

requested that either LSU or the Commission act to reduce overhead in order to avoid duplication of expenses; the division of costs should be reflected in total funding. Mr. Barrett requested Ms. Bane to clarify clerical and editorial duties, which were defined by Ms. Bane as being performed by both herself and the Commission office staff.

At Mr. Tatum's request, the meeting was closed for discussion of the Coordinator's position. Ms. Bane retired from the meeting during this discussion.

Resumption of the open meeting began with Mr. Tatum noting that the Subcommittee had voted unanimously to offer the position once again to Ms. Bane, with a vote of confidence.*6, who thereupon stated her desire to accept the offered position, and requested a decision whether additional funding (i.e., one or two man-months) should be requested from LSU for her salary to cover the expected lag in availability of federal programmatic funds. Mr. Simpson expressed his view that such a decision cannot be made at this time. Dr. Kemmerer suggested that while it would be desirable to ascertain actual clerical time spent on SEAMAP tasks, the total duplication charge is only about \$10,000. Mr. Simpson and Ms. Bane noted that documentation of such tasks is presently available from two sources. Mr. Tatum added that reduction of costs during the year must be carefully considered in order to avoid ultimately losing needed unencumbered funds.

Dr. Kemmerer moved to accept the recommended administrative budget of \$70,000. Mr. Waller seconded the motion. No further discussion followed; the motion passed unanimously.*7

Dr. Kemmerer then requested clarification of the Coordinator's role relative to the Executive Director. Ms. Bane stated her perception of the latter position as similar to a Contracting Office Technical Representative as she is a permanent employee of the state of Louisiana, under contract to the Commission. Mr. Simpson stated his perception of the Coordinator's role as being closer, with the person filling that position as an employee of the Commission and responsible for actions to the Executive Director. Dr. Kemmerer also stated his opinion that the relationship is not such as for a COTR, who reviews and evaluates the performance of duties.

Mr. Tatum clarified the position stated in the Operations Plan, and expressed concern for possible future conflict where persons other than those currently serving as Chairman and GSMFC Executive Director might be engaged. Dr. Kemmerer suggested that the role of the Executive Director is to ensure that facilities exist to expedite the efficient completion of SEAMAP tasks. He further noted that where no apparent conflict exists, the Executive Director can request the Coordinator to perform fisheries-related tasks, but potential problems may arise where priorities differ. Mr. Simpson and Ms. Bane expressed their beliefs that such a conflict has not thus far arisen, and are committed to optimal communications. Dr. Kemmerer

noted that the apparent conflict results from the Coordinator responding to two persons (i.e., the Chairman and the Executive Director); the primary responsibility for supervision should lie with the Chairman. Mr. Tatum affirmed that it is incumbent on both the Coordinator and the Executive Director to contact the Chairman where apparent conflict arises; Dr. Kemmerer noted that the Chairman, not the Executive Director, is directly responsible for work produced by the Coordinator.

Mr. Barrett requested information on similar functions by other Commission (TCC) Subcommittees; Mr. Tatum responded that these do not respond directly to the Executive Director but to the TCC. Mr. Simpson suggested that adequate coordination in the future can resolve problems of conflict. Mr. Tatum reiterated his belief that the Coordinator should answer directly to himself as designated chair for the Subcommittee, with the Executive Director providing facilities and services to ensure adequate performance of duties. In the case of conflict, Mr. Tatum urged the Executive Director to contact the Chairman for resolution. Mr. Simpson and Dr. Kemmerer urged that such conflicts and priorities as might create such situations be clarified. Mr. Tatum and Dr. Kemmerer reaffirmed the importance of SEAMAP remaining as a function of the Commission.

Mr. Simpson asked if his attendance at the following day's Subcommittee meeting was essential, as he had another matter in need of attention. Mr. Tatum assured him that while his attendance would be helpful, it was not essential.

Mr. Tatum adjourned the meeting to Tuesday, September 18 at 8:00 a.m.

Tuesday, September 18, 1984
New Orleans, Louisiana
Airport Hilton Hotel

Mr. Tatum convened the Subcommittee Special Budget Meeting at 8:10 a.m. Attending were: Mr. Tatum, Mr. Waller, Mr. Barrett, Ms. Foote, Mr. Leiby, Dr. Kemmerer and Ms. Bane.

At Mr. Tatum's request, Ms. Bane described the funding procedure outlined in the Operations Plan. Mr. Tatum questioned the interpretation of this procedure, which was clarified by Dr. Kemmerer as the Subcommittee submitting an overall plan for endorsement by the TCC, Subcommittee and SERO, with states submitting individual proposals. Discussion of required grant-in-aid procedures ensued, with Dr. Kemmerer stating his belief that such proposals should assume funding for several years, usually three years, with a beginning funding level assumed to be the total allocation of \$1 million for both programs.

Ms. Bane asked if an inflationary rate should be computed; Mr. Tatum replied that submitters were free to compute needed funds in any way desired. Mr. Barrett asked if SEAMAP would likely be performing some sampling for programs covered in the Lott-

McIlwain (Gulf Fisheries) Initiative; Dr. Kemmerer so affirmed, but noted in response to Mr. Tatum's speculation that other sources of funding may become available, his preference that SEAMAP remain a separate funding entity.

Ms. Foote asked if Ms. Bane has the necessary grant-in-aid forms for use by SEAMAP participants. Mr. Tatum responded that these could be obtained from existing state sources; in the case of Louisiana, Mr. Claude Boudreaux could supply them. Mr. Tatum further stated an appropriate beginning project date of October 1, 1984 for the application in order to avoid future conflicts in spending funds. Dr. Kemmerer suggested preparing the summary SEAMAP document for submission to the TCC and the Commission at the October 1984 meeting; Mr. Tatum noted that it will probably not be possible to prepare the document for review by the TCC prior to that time.

Dr. Kemmerer stated his belief that the state-prepared awards are not necessary for preparation of the summary document; Mr. Tatum disagreed. Dr. Kemmerer clarified his statement, noting that each state should submit an abstract of work to be done (approximately 1 page) for the summary document preparation, which will be reviewed for consistency by Mr. I.B. Byrd of SERO. Mr. Tatum noted a need for the abstracts to include all costs, and suggested that approval of the total budget at the present meeting would be tantamount to Subcommittee approval of the summary document detailing these activities and budget items.

Dr. Kemmerer assumed that future similar preparation of the summary and individual documents will be done in advance of the present schedule.

Mr. Tatum requested the Subcommittee to proceed with the budget allocation and worksheet information, beginning with Florida and proceeding westward to Florida, keeping in mind that approval for archiving specimens had already been secured.

Mr. Leiby explained that as no further instructions had come from Mr. Alan Huff, the stated budget should be presented: \$1500. for bongo nets; \$30,000 for plankton surveys, and \$10,000 for red drum surveys.

Mr. Tatum asked Mr. Leiby if Florida intends to follow the red drum recommendations of the Subcommittee, to which Mr. Leiby responded affirmatively, noting that Florida DNR intends to supplement existing funding for electrophoresis of red drum,

which may be used in conjunction with the SEAMAP red drum program. He urged continuity in the sampling program.

Dr. Kemmerer questioned the level of plankton sampling for FY1985, and noted a need to define which surveys will be conducted as official SEAMAP activities. Mr. Leiby assumed three general seasonal surveys will be performed, with auxiliary sampling for red drum, and king mackerel, but no FDNR commitment to sampling outside the 100-fathom curve. No specific Florida plankton surveys are planned other than those that are part of the SEAMAP Program.

Mr. Tatum noted that the plankton and red drum sampling should be retained as separate grant-in-aid categories. Mr. Leiby noted his total actual budget needs as \$88,500, with \$47,000 for archiving and \$41,500 for survey sampling. A general discussion clarifying costs for Florida was conducted, noting red drum work to be performed at the direction of the Subcommittee and the probability of the Gulf of Mexico Fishery Management Council recommending further mackerel plankton surveys. Mr. Tatum noted a need to instruct SERO that both the Florida archiving and sampling programs are to be considered.

Dr. Kemmerer noted a need to identify which states will be doing red drum work; Mr. Waller noted that although all states appear to be involved in studying red drum, specific activities differ. Mr. Tatum suggested that the activity may need to be addressed only in a general manner. A discussion of red drum spawning ensued.

Mr. Barrett suggested that the general SEAMAP summary document should list general activities, followed by selected target species and suggested sampling times. Mr. Tatum noted a difficulty in seasonal selection because of differences in availability of certain species among the various states.

Further discussion of the red drum study resulted in Dr. Kemmerer's stating the need to identify studies as activity-oriented (e.g., ichthyoplankton surveys). Mr. Tatum noted a concern for determining the extent of Texas' intended sampling; Ms. Bane stated her understanding that Texas will not be performing plankton surveys. (Note: A discussion with Dr. Matlock on 9/20/84 by Ms. Bane has clarified this position to

indicate an intention by Texas to collect plankton as a piggy-back activity on shrimp/groundfish trawling surveys, but not as separate, discrete plankton surveys.)

Dr. Kemmerer indicated that all states should be involved in a red drum survey if it is to be performed by SEAMAP. Mr. Tatum then stated that the SEAMAP Program appears to be projecting the following activities for 1985: shrimp/groundfish surveys, mackerel and red drum plankton surveys, environmental data collection and data management. Dr. Kemmerer agreed that Mr. Barrett's approach of defining major survey activities and subsequently specifying target resources and times is appropriate; as long as collected data are shared, the activity can be considered a SEAMAP event. Dr. Kemmerer moved to define as official FY1985 SEAMAP surveys : 1) bottom trawls; 2) plankton surveys; 3) environmental data surveys; and 4) special survey (stock identification of red drum). Mr. Barrett seconded the motion. Discussion followed on the correctness of using the term "special survey", with Dr. Kemmerer noting that usage in the Operations Plan. No further discussion followed and the motion passed unanimously. * 8

Dr. Kemmerer then noted a need to identify target resources for FY1985, citing shrimp and bottomfish for trawling surveys; mackerel, red drum and coastal herring for plankton surveys (suggested terminology should state: "...target species to include mackerel, red drum and coastal herring."); environmental data to be conducted in conjunction with current biological surveys and data to be transmitted to the Data Manager; and red drum targeted for the special survey.

Mr. Tatum opened a short discussion on including snappers. Dr. Kemmerer noted that the Environmental Work Group needs to review and identify critical needs for environmental data, with Mr. Barrett pointing out that if all states are to collect the same types of data, their budgets will need to include appropriate expenditures for necessary gear and supplies.

Dr. Kemmerer moved to convene the Environmental Work Group to examine FY1985 survey plans for desired and preferred parameters to be sampled. Mr. Barrett seconded the motion. No discussion followed and the motion passed unanimously. *9

Mr. Tatum then reviewed Alabama's proposed activities, noting a desire to work in all the areas mentioned and specifically requiring the capability of a vessel and supportive gear. He noted Alabama's participation will include future Status and Trends sampling, oyster reef surveys (Mussel Watch) and sampling for major resources of the state, including species in the FCZ and throughout the range of targeted SEAMAP species; all collected data will be submitted to the SEAMAP Information System.

Ms. Foote asked Mr. Tatum his anticipated needs for subsequent years; Mr. Tatum replied that these would likely be reduced somewhat. He further stated his desire to have Alabama sample FCZ and territorial waters in order to take sampling pressure of Florida and NMFS, who have previously performed such sampling off Alabama. Total budget needs for Alabama were stated to be : \$65,000 for a vessel, \$35,000 for gear.

Discussion of overall funds available to the SEAMAP Program followed, with an observation that approximately \$49,000 from participant requests must be eliminated. Mr. Tatum agreed to reduce his budget by \$10,000. Mr. Barrett likewise agreed to cut costs, and Mr. Waller noted that his request incorporated intended sampling for the entire region east of the Mississippi River, and therefore duplicated some effort by Alabama and Louisiana. Mr. Tatum stated his preference that Alabama perform its own offshore work. A discussion of gear size and standardization followed.

Dr. Kemmerer agreed that it would be desirable for the states to sample offshore east of the river to permit more intensive sampling offshore central and west Louisiana and Texas. Mr. Barrett explained his projected expenses and activities and noted a possibility for chartering Mississippi's boat (Tommy Munro) to sample offshore east Louisiana waters, as well as a potential to reduce overall Louisiana costs by reducing total sampling transects.

Dr. Kemmerer stated a need to reduce the general target figures and then adjust costs by state, with no reduction proposed for Florida and Texas budgets. Mr. Tatum noted that under the proposed FY1985 budget, previously identified goals and objectives cannot be realized, and the states will continue to absorb the larger costs as in the past.

Mr. Barrett stated his belief that some sacrifice should be borne by states with current sampling capability in order to maximize overall program productivity on the part of other states. Dr. Kemmerer noted a potential problem if NMFS costs are reduced significantly because of possible additional levies for plankton gear (approximately \$60,000). Mr. Waller suggested specific budget cuts are necessary, and if Alabama wishes to perform its own offshore sampling, a resultant reduction of \$10,000 from the Mississippi budget would occur. Dr. Kemmerer requested a cut of no more than \$10,000 from the NMFS budget; Mr. Waller noted possible additional reductions from Mississippi's budget as a result of possibly inflated current vessel charges.

Mr. Waller and Mr. Barrett agreed to work together for an agreement to put Louisiana biologists on the Tommy Munro and permit that vessel to sample east Louisiana offshore waters. Dr. Kemmerer moved to accept the FY1985 SEAMAP-Gulf budget as follows:

<u>PARTICIPANT</u>	<u>SURVEY BUDGET</u>	<u>OTHER BUDGET</u>
Florida	\$ 41,500	\$ 47,000 (Specimen Archiving)
Alabama	87,204	
Mississippi	110,952	
Louisiana	120,600	
Texas	29,744	
NMFS	190,000	120,000 (Data Management)
GSMFC		70,000 (Administration)
TOTAL	\$ 580,000	\$237,000

TOTAL GULF BUDGET: \$817,000.

Mr. Waller seconded the motion. No further discussion followed. The motion passed unanimously. *11

Dr. Kemmerer further suggested the need to identify resources and seasons specifically in the proposals as SEAMAP surveys. Mr. Tatum stated that participants will sample for plankton as approved by the work group, with all data being entered into the data base. Dr. Kemmerer asked if data other than SEAMAP could be entered into the data base. Mr. Waller replied that he could not at this time commit Mississippi without discussing the situation with others at GCRL. Ms. Foote replied that a problem may exist with Louisiana in this regard, especially with respect to 88-309 funded data.

Dr. Kemmerer urged that all possible data be included in order to make the data base truly Gulf-wide in scope. Mr. Tatum also urged participants to enter data, but Ms. Foote felt a need exists to straighten out access problems. A discussion of other agencies' use of SEAMAP data and procedures that may be used to safeguard data followed. Dr. Kemmerer expressed concern for the long-term data base with proper mechanisms involving planning and resolution.

Mr. Barrett felt release of data to a data bank is up to the discretion of a Principal Investigator, but ultimately, it must be submitted if part of a SEAMAP survey. Dr. Kemmerer noted that such issues require resolution by legal advisors.

Ms. Foote suggested a reduction of Louisiana's sampling to meet the budget reduction, but added that all data would be placed into the SEAMAP data base, and would include information from the red drum stock identification study. Further discussion of sampling and survey options available for resolution between Mississippi and Louisiana followed.

Dr. Kemmerer asked all participants present whether adequate gear funding for 1985 trawling and plankton work has been arranged; all attendees responded affirmatively. He further noted that the Subcommittee should recommend to NMFS that this year's plankton sorting costs be borne entirely by NMFS.

Discussion ensued on planning for the October 9, 1984 Environmental Work Group meeting in Tampa, focusing on resolution of problems with chlorophyll readings. Mr. Barrett raised the question of SEAMAP alternatives being funded to attend at least one SEAMAP Subcommittee meeting each year to become acquainted with the program. Mr. Tatum felt it incumbent on each state to keep such alternates informed. Dr. Kemmerer concurred with Mr. Tatum, and expressed Texas' concern at being unable to have representation at the current meeting.

A short discussion of the ongoing NOS Status and Trends Benthic Surveillance project followed. A call for further business by Mr. Tatum resulted in comments from Dr. Kemmerer and Mr. Tatum on the outstanding willingness of states to compromise and sacrifice in order to accomplish SEAMAP goals, especially Louisiana and Mississippi.

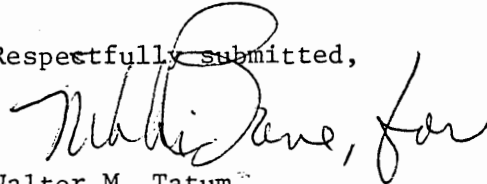
Mr. Tatum further expressed his perception that further communications may be required by states to comply with the SERO grant-in-aid procedures. He urged representatives to convey the required abstracts to Ms. Bane by the following week.

Mr. Waller asked Dr. Kemmerer if NMFS would supply in FY1985 the station listings for the summer shrimp/groudfish cruises. The response was affirmative. Ms. Foote asked if the same down-and-back sampling scheme would be used; Dr. Kemmerer replied that he did not know at this time.

Dr. Kemmerer requested that the prepared SEAMAP summary statement be sent to Buck Byrd upon completion, subsequent to Subcommittee approval, with final approval by the TCC and Commission necessary for Mr. Byrd's approval. It was generally approved that as the participants complete their individual grant-in-aid awards, a copy be supplied to Ms. Bane for immediate distribution to the other participants.

By general consensus, Mr. Tatum adjourned the meeting at 11:40 a.m.

Respectfully submitted,



Walter M. Tatum
SEAMAP Subcommittee Chairman

ATTACHMENTS: (2)

ATTACHMENT B

SEAMAP DATA MANAGEMENT 1984/1985

Function	Description	Estimate
(1) Data Transcription	Transcribe approximately 373 groundfish stations by states	175 hours (D)
	373 stations * 30 min. \approx 175 hours	
(2) Data Entry	Enter 22,248 records	445 hours (D)
	22,248 * 50/hour = 445 hours	
(3) Data File Transmission Program Development	Build files and transmit data	100 hours (P)
(4) Edit Reports	Prepare edit listings	200 hours (P)
(5) Edit Data	Review edit listings and mark errors	610 hours (D)
	Estimate 15 minutes per station	
	2,438 stations * 15 = 36,570 = 610 hours	
	$\frac{1,042*}{2,438} 610 = 261$ hours State = 349 hours Federal	
(6) Error Correction	Correct errors in files and make new listings	500 hours (D)
(7) Build 1984/1985 Groundfish File	Merge Federal and state groundfish data into single formatted file and make formatted listing for archival	300 hours (P)
(8) Build 1984/1985 Environmental File	Merge Federal and state environmental data into single formatted file and make formatted listing for archival	300 hours (P)
(9) Build Ichthyoplankton Master File	Retrieve 1982/1983 and 1983/1984 ichthyoplankton data, build master file, and make formatted listing for archival	400 hours (P)

(10)	Build Groundfish Master File	Retrieve 1982/1983, 1983/1984, 1984/1985 data, build master file, and make formatted listing for archival	400 hours (P)
(11)	Build Environmental Master File	Retrieve 1982/1983, 1983/1984, 1984/1985 data, build master file, and make formatted listing for archival	400 hours (P)
(12)	Build Groundfish, Environmental and Ichthyoplankton Master File	Retrieve 1982/1983, 1983/1984 data from all three sources, build master file, and make formatted listing for archival	600 hours (P)
(13)	Respond to Data Request	Provide listings and/or tapes of files to users (no program summaries or statistics)	500 hours (P)
(14)	Provide Near Real Time Data	Acquire and process ATS-3 data from Oregon II	240 hours (P)
			240 hours (D)
		Technical Publications Cost	\$ 3,000
		Burroughs Computer Cost	\$10,000
		Projected Travel	\$ 5,000
(15)	Software Documentation	Prepare computer Program documentation	1,340 hours (P)
	System Overview Documentation	Prepare system Overview documentation	300 hours (P)
	Typing		1,040 hours (T)
	Technical Publication Cost		\$10,000
(16)	Data Entry Development System	Specify and procure microcomputer for data entry and data edit prototype	

(16) cont'd

- | | |
|---|--------------------|
| (A) Requirements and Acquisition
(7-month procurement cycle) | 100 hours
(P) |
| (B) Software Development | 2,080 hours
(P) |
| (C) Burroughs Computer Time Cost | \$3,000 |
| (D) Microcomputer Cost | \$4,000 |

NOTE: Assume use of dial-up network contracted by SEFC.

- | | | |
|---------------------------------|---|--------------------|
| (17) Atlas Software Development | Development of software to assist in preparation of yearly data atlas | 1,020 hours
(P) |
|---------------------------------|---|--------------------|

(18) Data Entry/Edit Systems Procurement

Procure 8 systems for states

- | | |
|--------------------------------|--------------------|
| (A) Hardware Cost | \$45,000 |
| (B) Training and Documentation | 1,000 hours
(P) |
| (C) T.I. Terminal 765 for Ship | \$3,000 |
| (D) Travel | \$5,000 |

COST SUMMARY

A. Items 1 - 14

(1)	3,340 hours programmer time	\$ 66,800
(2)	1,634 hours data entry and processing	15,000
(3)	Burroughs computer time	10,000
(4)	Travel	5,000
(5)	Technical publications and forms	3,000
(6)	Computer supplies	2,000
		<u>\$ 101,800</u>

B. Items 1 - 17

(1)	8,180 hours programmer time	\$ 163,600
(2)	1,040 hours typing	7,000
(3)	1,634 hours data entry and processing	15,000
(4)	Burroughs computer time	13,000
(5)	Travel	5,000
(6)	Technical publications and forms	13,000
(7)	TI-765 and microcomputer hardware	7,000
(8)	Computer supplies	3,000
		<u>\$ 226,000</u>

C. Items 1 - 18

(1)	9,180 hours programmer time	\$ 183,600
(2)	1,040 hours typing	7,000
(3)	1,634 data entry and processing	15,000
(4)	Burroughs computer time	16,000
(5)	Travel	10,000
(6)	Technical publications and forms	13,000
(7)	TI-765 and microcomputer hardware	50,000
(8)	Computer supplies	5,000
		<u>\$ 299,600</u>

SEAMAP DATA MANAGEMENT

Three levels of data management are proposed for FY 1985: minimum, moderate, and recommended. Funding estimates are based on NMFS personnel costs. It is assumed the quantity of SEAMAP data will roughly double in FY 1985 from 1982 or 1983, and approximately 50 percent of the increase will be from the states. No separation of the Gulf and South Atlantic SEAMAP programs is assumed.

MINIMUM SYSTEM

Description: A barebones system which would combine 1982, 1983, and 1984 data into a single file, handle 1985 data, process, quick-time data, and provide data listings (or tapes) in response to user requests.

The system would not:

- o be interactive with the states/commissions
- o provide terminal hardware to the states/commissions
- o provide analytical summaries
- o provide specialized output software such as graphics (e.g. counters)
- o provide system documentation

The system would:

- o accept all SEAMAP data
- o provide mechanism for editing data by states and NMFS
- o integrate past and current data into single file
- o support quick-time data reports
- o provide sorted data listings and tapes through the SEAMAP data manager

Estimated cost: \$101,800

MODERATE SYSTEM

Description: The moderate system would provide integrated data files, respond to user requests, plus provide system documentation, atlas software, and software for interactive terminal access of the SEAMAP data management system.

The system would not:

- o provide terminal hardware for the states/commission
- o provide analytical software or summaries
- o be fully interactive with the states/commissions
- o provide user training

The system would:

- o meet all minimum system requirements
- o provide system documentation
- o provide atlas software
- o provide basic input/output terminal software

Estimated cost: \$226,000

RECOMMENDED SYSTEM

Description: The system would manage all SEAMAP data in an interactive mode with state participants by providing hardware/software for interactive data entry, display, edit, and listing. System would have access controls and the central system would be managed and updated by the SEAMAP Data Manager.

The system would not:

- o provide analytical summaries
- o provide specialized outputs

The system would:

- o provide hardware/software for interactive data processing and output by program participants
- o provide comprehensive user training
- o provide generalized atlas software
- o provide full system documentation
- o provide coordination of software development

Estimated cost: \$299,600

ATTACHMENT A

PROPOSED

SEAMAP Administrative Budget
FY85

	<u>Proposed SM FY85</u>	<u>S/F Program FY 85 Contributions</u>	<u>Budget as Adjusted by S/F Program</u>	<u>Revised SM FY85</u>
1. Personnel	\$21,000		\$21,000	\$21,000
a. Coordinator	31,754	\$11,718	20,036	20,036
2. Office Supplies	1,000	134	866	866
3. Postage	1,800	230	1,570	1,570
4. Telephone	2,400	230	2,170	2,170
5. Meeting Cost	1,500	613	887	887
6. Committee Travel	17,100	5,500	11,600	11,600
7. Administrative Travel	8,800	1,000	7,800	4,046*
8. Publications	5,400		5,400	5,400
9. Copy Expense	3,000	575	2,425	2,425
10. Office Equipment	<u>15,000</u>	<u> </u>	<u>15,000</u>	<u>-0-**</u>
TOTAL	<u>\$108,754</u>	<u>\$20,000</u>	<u>\$88,754</u>	<u>\$70,000</u>

* Administrative Travel reduced by \$3,754

** Office Equipment reduced by 100 percent

SEAMAP
FINANCIAL STATEMENT
10/1/83 - 8/31/84

	<u>FY84 Budgeted Amount</u>	<u>Current Month Expenses</u>	<u>Year to-Date Expenses</u>	<u>Encumbrance Amount</u>	<u>Available Balance</u>
Personnel	18,000	911.00	13,691.60	728.80	3,579.60
Office Supplies	600	-0-	558.62	-0-	41.38
Postage	1,200	264.20	1,264.20	-0-	(-64.20)
Telephone	1,200	100.00	1,000.00	100.00	100.00
Meeting Cost	1,600	-0-	814.07	-0-	785.93
Committee Travel	13,000	614.97	13,773.08	-0-	(-773.08)
Publication	1,400	-0-	217.33	-0-	1,182.67
Copy Expense	2,500	-0-	1,627.43	-0-	872.57
Coordinator	10,585	-0-	-0-	10,585.00	-0-
Administrative Travel	<u>2,915</u>	<u>527.62</u>	<u>1,267.63</u>	<u>-0-</u>	<u>1,647.37</u>
 TOTALS	 <u>53,000</u>	 <u>2,417.79</u>	 <u>34,213.96</u>	 <u>11,413.80</u>	 <u>7,372.24</u>

1. Personnel

a. SEAMAP Coordinator

(1) Assuming that position will be subcontracted to LSU

\$23,000	base salary
3,910	fringe benefits
<u>4,844</u>	18% overhead to LSU
\$31,754	

\$31,754

(2) Assuming that position will be hired as permanent staff member

\$20,000	base salary
<u>3,250</u>	fringe benefits
\$23,250	

b. Clerical

Covers three categories:

(Hourly wages include FY84 base salary plus fringe benefits)

(1) General Office (clerical)

\$6.30 per hour - 132 days \$6,652

(2) Editorial and Publication

\$7.60 per hour - 26 days 1,580

(3) Contract and Bookkeeping

\$11.10 per hour - 65 days 5,772

TOTAL (rounded)

14,000

c. Administrative Consultant

Covers GSMFC Executive Directors assistance

\$19.00 per hour - 46 days

7,000

NOTE:

Total personnel (assuming subcontract with
LSU) \$52,754

Total personnel (assuming that permanent
staff hired) \$44,250

2. Office Supplies

Based on actual FY84 expenses which include expenses charged to SEAMAP and expenses absorbed by GSMFC operating funds

1,000

3. Postage

Based on actual FY84 expenses and anticipated activity level for FY85

1,800

4. Telephone

Based on GSMFC increased expenses for FY82 thru FY84 (following upgraded telephone service)

FY83 expenses were up \$ 2,800 over FY82 (does not include new equipment charges)

FY84 expenses were up \$2,600 over FY82 (SM funds paid \$1,100 of this overage in FY84)

2,400

5. Meeting Cost

Includes meeting room charges, rental for audio visual or other required equipment & coffee breaks.

\$200 per day for 8 meetings (meeting room charges depend on number of sleeping rooms reserved, so a charge may sometimes be waived)

1,500

6. Committee Travel

Gulf of Mexico Fishery Management Council formula used.

(1) SEAMAP Subcommittee Meetings

2 days @ \$150 per day

X 9 members = 2,700

X 4 meetings = 10,800

10,800

(2) Workgroup Meetings (4 groups = 21 members)*

2 days @ \$150 per day

X 21 members = 6,300

X 1 meeting = 6,300

6,300

*Workgroups involved (Blue Crab, Plankton, Shrimp/Bottomfish and Data Management)

7. Administrative Travel

- (1) Local travel (Includes driving to NMFS Pascagoula Lab & to Chairman's office.)
12 trips @ \$50 each 600
- (2) 4 trips to Washington, D.C. @ \$700
X 2 persons = \$5,600 5,600
- (3) Trade Association meetings
3 days @ \$150 per day
X 1 person = 450
X 2 meetings = 900 900
- (4) Commuting expenses for Nikki Bane
for 1 year (assuming new subcontract) 1,700

8. Publication

Based on actual FY83 & FY84 expenses.

Atlas (100 copies) 50 pages 2,200
Directory (100 copies) 20 pages 1,000
Gear Workshop Proceedings (100 copies) 50 pages 2,200

9. Copy Expense

Based on actual FY84 expenses and anticipated activity level for FY85 3,000

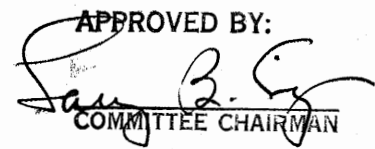
10. Office Equipment

Desk/Chair
IBM Work Processor
Apple Terminal
Slide Projector
Overhead Projector

delet
1,400
7,500
5,100
500
500

93,754
~~108,754~~

TOTAL PROPOSED FY85 BUDGET

APPROVED BY:

COMMITTEE CHAIRMAN

Marine Fisheries Initiative Task Force
MINUTES
Biloxi, Mississippi

December 6-7, 1984

Larry Simpson, Chairman, called the meeting to order at 9:10 am on December 6. The minutes of the October 18, 1984 meeting in New Orleans, Louisiana were amended on page 6 to state "B. Kemp's comments by letter..." and approved. The agenda was adopted as presented. The objectives of the workshop were to review the document and the ten pages of errata (presented for consideration) and to conclude by approving the document. Susan Griggs, from the Gulf Coast Research Laboratory, and Tom Charlier, from the Sun/Daily Herald Newspaper, provided written and cable television press coverage.

Changes/errata discussed during the 1½ day workshop and accepted for incorporation in the final document included the following:

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Cover

- THOMAS D. McILWAIN

- v - Dedication of document to Dr. Theodore B. Ford

- 1-1 - ¶1, L2 - Delete the before research, delete comma after use
- ¶2, L8 - Change 1 million metric tons to 2.2 billion pounds
- L9 - Delete additional
- ¶3, L2 - Delete and; add commas before and after "processing"
- ¶4, L4 - Add comma after "which"
- L7 - Change 1 million metric tons to 2.2 billion pounds
- L10 - Change new sentence to read: There are other resources such as squid and sharks which, if fully developed in a wise manner, could also help to meet future needs.
- L18 - Add in U.S. fishery industries.
- ¶5, L3 - Add new sentence to read: It is in the best interest of the nation to maintain and increase employment, and to prevent increases in and to reduce the national trade deficit. Investment of public funds in the acquisition of additional fishery information needed to maintain and expand existing fisheries and to establish new fisheries could meet increasing demands for fishery products, reduce existing needs for imported fishery products, and increase export of fishery products. Increased production would provide substantial increases in employment opportunities.

Marine Fisheries Initiative

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- 1-2 - New paragraph suggested as follows: "Underutilized resources and expanded fisheries could provide a basis for continued growth and stability of Gulf commercial and recreational fisheries, and at the same time provide fishing alternatives to vessels and personnel in marginal and economically stressed fisheries. The growth potential of Gulf commercial fisheries is estimated to be in excess of 2.5 billion pounds (Table 1.1) with an exvessel value of over \$831 million. This growth could add roughly \$7.7 billion to the national economy bringing the total commercial production of Gulf fisheries to over \$13.4 billion annually (direct and indirect economic impacts). The impact of this growth on employment would be to increase man years of employment from over 142,000 to over 230,000. The effect of better information on recreational fisheries is more difficult to estimate, but assuming a growth roughly proportional to catch (17 percent); the total economic impact increase would be about \$374 million including about 15,000 new jobs (man years). The current economic value of commercial and recreational fisheries both direct and indirect of \$7.9 billion will thus increase to \$16.0 billion and the employment level increase from the current 200,000 jobs to approximately 300,000 (this assumes the number of current jobs related to recreational fisheries, direct and indirect, is about 63,000 man years and these would increase to 78,000).
- ¶3, L1 - add commas before and after "with over 200 species included"
- ¶5, L3 - Add to end of paragraph "This summary shows that for an added Federal investment of roughly \$7 million per year for five years, Gulf of Mexico fisheries could approach their full potential of adding \$8.1 billion annually to the national economy."

1-3 - New Table 1.1

Table 1.1 Summary of landings, direct and indirect economic value, and direct and indirect employment from Gulf of Mexico fisheries, current and potential

Fishery	Current*			Potential*		
	Landings (million lbs)	Value (billion \$)	Jobs (thousand man years)	Landings (million lbs)	Value (billion \$)	Jobs (thousand man years)
Commercial	2443	5.7	143	4983	13.4	231
Recreational	<u>134</u>	<u>2.2</u>	<u>62</u>	<u>154</u>	<u>2.6</u>	<u>73</u>
Total	2577	7.9	205	5137	16.0	304

*Does not include contributions from mariculture

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- 1-4 - Table 1.2 - Bottomfish 4th yr. amt. -- 272 not 271,
total -- 2682 not 2681; Grand totals 4th yr.
amt. -- 6458 not 4457, total -- 36270 not 36269
- 1-5 - ¶2, L4,12,13,14 - Replace "shall" with will
¶3, L2 - Insert second sentence as follows: "It is
assumed, however, this office will be located
either in the office of the GSMFC or SERO to
capitalize on available facility and
administrative support capabilities."
L4 - Replace "the grant and contract recipients." with
program participants."
¶4, L5 - Replace "subcommittees" with working groups
¶5, #1 - Delete "criteria to establish"
#2 - Change to read "...based on these priorities and
submit them to potential research recipients."
#3 - Change to read "...reviewed by NMFS/SERO-SEFC and
technical review panels or working groups
recommended by the Program Management Board."
- 1-7 - ¶3, L2 - Change "programs" to projects
- 2-1 - ¶1, L2 - Delete comma after use, add and wise
¶2, L4 - Delete and because the...their sport
L9 - Change 1 million metric tons to 2.2 billion pounds
¶3, L2 - Add comma after "methods"; delete and; add commas
before and after "in 1983"
L12 - Change to read "It is apparent that the Federal
allocation of research funds is not proportional
to..."
¶4, L5 - Add comma after "which"
L6 - Place "(Table 2.1)" in sentence
L8 - Change 1 million metric tons to 2.2 billion
pounds
- 2-2 - Table 2.1 - Add footnote ⁹ Menhaden have been an expanding
fishery and the estimate of the potential yield
may be low as a result. Furthermore, yearly
catch can fluctuate considerably around a long-
term average value.
- 2-3 - ¶1, Substitute new paragraph from page 1-2
¶4, L3 - Delete all
¶5, L7 - Add and menhaden
- 2-4 - ¶2, L1 - Change many to some
¶3, L9 - Delete foreign

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- 2-5 - ¶1, L1 - Delete indeed
¶3, L4 - Move comma to follow "and"
¶4, L1 - Delete 1st sentence and change 2nd sentence to read "The first major category are data concerning the..."
¶5, L1 - Change to read "The second major category of..."
- 2-6 - ¶4&5 - Combine two paragraphs, change 1st sentence to read "The goal of the contract resulting in MARFIN was to develop a five-year..."
- 2-7 - Dr. James I. Jones - Representing - MS-AL Sea Grant
- 2-8 - 2.6 - Delete "as were the many Gulf Council advisory committees."
- 3-1 - ¶3, Delete last sentence.
- 3-7 - ¶1&2 - Combine two paragraphs
¶3, L5 - Insert after "16%" (40 million pounds), add after "by" - Gulf
¶4, L4-9 - Change to read "...all fishery exports. Although relatively small increases in domestic shrimp production from wild stocks can be expected, it is reasonable to expect their quality and the efficiency with which they are harvested to be significantly improved through better research information. This would make domestically produced wild shrimp much more competitive in the world markets. Additionally, there is a potential to increase the availability of shrimp through increased domestic cultured shrimp production."
- 3-7 - ¶1, Add last sentence "Those needs may and probably will change over time." and follow with paragraph 2.
- 3-8 - ¶5, L1 - Omit ", however,"
Add new 7th paragraph "The increased world supply of shrimp projected by recent studies in conjunction with the need to maintain a competitive domestic industry indicates a need to expand the market. In consideration of this need, development of adequate handling methodologies and techniques is required to ensure the consumer will be delivered a quality product."
- 3-9 - ¶3, L2 - Delete "total"
¶6, L9 - Change "carefully" to clearly
¶7, L2 - Insert after "be" substantially
Delete "of" after "off"

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- 3-11 - ¶1, L1 - Change "were" to is, change to read "trawling gear that could economically work this area is developed"
L2 - Insert after "million" - additional
- 3-13 - ¶1, L8 - averaged 1.7 billion pounds not 2.5
¶3, L3-7 Delete "where the fishery...Campeche in Mexico."
- 3-14 - ¶1, L6 - Change "realized" to quantified
¶3, L4 - Change to read "improve estimates of potential yield and predicted harvest."
L8 - product. Delete "to be exported"
¶4, L6 - \$97 million does not match value in Table 1.1
¶5, L3 - food use. Delete "primarily as an export product"
¶7, L2 - Replace "long-standing conflict" with differences
¶8, L2 - Delete "total"
- 3-16 - ¶1, L6 - Change "seasonal" to season
- 3-18 - ¶1, L5 - Delete last sentence of paragraph.
- 3-19 - ¶1, L7 - Omit sentence beginning with words "Whether data on these landings are..."
¶2, L5 - Change to read "...is needed for stock assessment and estimates of yield potentials."
¶3, L1 - Omit "Basically"
- 3-20 - ¶6, L2 - Change to read "An analysis of business opportunities based on existing analyses of business structure and stock yields should be completed."
¶9, L2 - Delete "total"
- 3-22 - CP2 - Change scientific names to common names
CP3, L3 - Change "fishing" to fishery
CP4, L2 - Delete quotes
- 3-24 - CP19, L2 - Insert of after "number"
CP24, L5 - Delete commas
- 3-27 - Table 3.1.3 - CP20 Total -- 52 not 104
- 3-30 - ¶3, L1 - comma or semicolon after "species" and (L2) "bottoms"
L4 - Delete "some" before "evidence"
¶4 - Omit entire paragraph
¶5, L2 - Delete "there is some suggestion that"
L6 - Delete "would"; change "suggest" to suggests
L7 - Delete "throughout the years"
¶6, L4 - Add comma after "catching"
¶7, L1 - Delete "therefore" and "commas"

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- 3-31 - ¶1, L3 - Add semicolon after "fishermen"
¶2, L2 - Delete "total"
R8 - last word - change "demand" to economic return
- 3-33 - R13, L1 - Add comma after "habitat"
L3 - Add comma after "area" and (L4) "waters"; change
"or" to on
- 3-36 - ¶4, L4 - Change "recreational" to currently exploited
L5 - Insert after "before" the harvest; delete "the
stocks"; change "their" to its
¶5, L4 - Insert unless before "otherwise"; add commas
after "areas" and "indicated"
¶6, L2 - Change "significant" to substantial
L3 - Change "these" to those
L6 - same as L3
- 3-37 - ¶1, L8 - Change "significant" to substantial
¶4, L1 - Change to read: "Four species of anchovy
are included..."
- 3-38 - ¶1, L2 - Change to read, "have a more pelagic..."
¶5, L2 - Delete "total"
- 3-40 - CH7, L7 - Add on which after "information"
- 3-42 - ¶7, L2 - Change "135 kg" to 297 lbs
¶2, L1 - Delete "Southeast Fisheries Center's (SEFC) Miami
Laboratory"
L4&5 - Delete "headquartered in Madrid, Spain"
¶4, L3&4 - Change "is" to are (2 places)
¶7, L4 - Omit ", with above exceptions"
- 3-43 - ¶2, L3 - Insert which after "species"
¶5 - Question yellowfin MSY in relation to Gulf harvest.
Subsequent statements (¶6 and ¶11 P.3-44) are
contradictory.
¶7, L4 - Omit "SEFC's"
- 3-44 - ¶1, L2, Delete "yellowfin"
L6, Add "In addition it is possible to increase the
U.S. harvest of yellowfin tuna in the Gulf of
Mexico."
¶2, L2 - Delete "total"
- 3-46 - Table 3.1.6 - OP1 Total -- 764 not 707
- 3-47 - ¶1, L2 - Add commas before and after "if developed",
delete "tremendous"
¶2, L6 - Put comma after quote ("dermo",)
¶3, L5 - sea grass as adults

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- 3-47 ¶4&5 - Combine
¶5, L7&8 - Delete "as a result of an aberrant eddy of the Loop current"
¶7, L2 - Delete living, add parentheses (18 to 24 months).
- 3-48 - ¶2, L10 - Delete "several"
¶3, L1 - "range" to ranges
¶7, L1 - Add commas -- have, for many years, ...
¶8, L4 - Change to read: "On the basis of those data it is believed..."
¶9 Change 1st sentence - "A full squid fishing exercise being conducted by NMFS and Japan in a cooperative effort should provide better information."
- 3-49 - ¶1, L3 - After "Gulf" change to: "and increased population it appears..."
¶3, L2 - Delete "total"
¶9, L2 - Add comma after "oysters"
- 3-53 - ¶4, L1 - Insert a after "is"
- 3-54 - ¶5, L5 - Add period after MSY, delete and, upper case There
L6 - Period after stocks - new sentence
¶8, L2 - Delete "total"
CL1, L1 - Insert Stone crab before "mortality"
Add CL4
- 3-56 - Table 3.1.8 - CL2 Total -- 485 not 415
- 3-57 - ¶1, L2 - Delete "are"
L3 - Delete "which"
¶4, L4 - Delete "a number of" replace with many
- 3-58 - ¶1, L5 - Delete "yellow bass"
- 3-59 - ¶2, L2 - Delete "total"
¶3, L7 - Change "500,000 MT" to 1.1 billion pounds
- 3-62 - ¶1 Delete southern flounder (covered under Bottomfish)
¶2, L2 - Change "is" to are
L9 - Change to read "The fishery primarily occurs within the states jurisdiction; but the range of many species extends..."
¶7, L2 - Delete "total"
- 3-63 - Delete southern flounder from figure
- 3-64/65 - Add EF9 and EF10
- 3-66 - ¶6, L5 - Insert that after "time"; after "Gulf" change "are" to is
¶7, L2 - Delete "total"

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- 3-69 - Table 3.1.11 - AC1 Total -- 410 not 310
AC3 Total -- 247 not 241
- 3-70 - ¶1, L7 - Delete "The anticipation of", capitalize Cultured
¶2, L2 - Change to read "...increased interest. The three most..."
¶3, L4 - Replace "comma" after "culture" with colon
L6 - Delete "interior"
¶5, L4 - Change 75,000 metric tons to 165.4 million pounds
¶6, L6-7 - Change to read "...private sector will be generated to support land-based marine shrimp production facilities."
L8 - Delete "the" before "problems"
- 3-72 - Modify figure
- 3-73 - Include Tilapia in MA5
- 3-74 - Table 3.1.12 - MA4 Total -- 160 not 115
- 3-77 - ¶2, L4 - Change "10-13 m" to 30-40 feet
¶3, L3 - Change "9 m" to 27 feet
- 3-78 - ¶2, L2 - Change "of" (last word) to on
¶6, L4 - Delete "negatively"
- 3-79 - ¶4, L2 - Delete "total"
- 3-82 - ¶2, L2 - Delete "total"
- 3-84 - General comment: expand narrative
¶1, L4 - Change "either" to both
L5-7 - Change "programs" to projects
¶6, L1 - Change "where ever" to wherever
L2 - Change "need" to needed
- 3-85 - Table 3.2 - include totals for 1st through 5th years
Add S6, OP4, New CL4, B3, & EF7
Reduce MA2, MA3, & MA4
- 4-2 - ¶1, L4,12,13,14 - Change "shall" to will
¶2, L2 - Change to read "...and recommend research and development priorities for project solicitation..."
L3 - Change to read "...solicitation based on these priorities will be made by..."
L5 - Change "shall" to will
L4-9 - Change to read "The solicitation will be coordinated by the Gulf States Marine Fisheries Commission under contract or through a cooperative agreement with the Southeast Regional Office. Proposal submitted in response

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to the solicitation will be evaluated for technical merit by the Southeast Fisheries Center and ad hoc technical review groups. These proposals with technical reviews and ratings will be submitted to the Program Management Board, who in turn, will make final funding recommendations to the Southeast Regional Office Director."

- ¶4, L2 - After "functioning." insert "It is assumed, however, that the office will be located either as part of the Gulf States Marine Fisheries Commission or with the Southeast Regional Office. In either location, the receiving organization will provide facility and other required support on a no cost or charged cost basis."

Add new last paragraph. "A significant portion of the work performed annually is to develop an annual budget request which would be submitted to the Administration with the annual NMFS budget. In preparing this annual budget request, the Program Management Board will rely heavily on existing NMFS, Gulf States Marine Fisheries Commission, Gulf and South Atlantic Fisheries Development Foundation, and Sea Grant advisory groups. Based on the advice from these organizations and advisory groups, and guidance from the Program Management Board, the Program Coordinator will prepare the annual budget request for review by the Southeast Regional Office and modification and/or endorsement by the Board."

- 5-1 - 3rd Bullet - "Research grant and contract awards will utilize a peer review process"
9th Bullet - "Emergency needs and changing conditions will be considered"
¶2, L1 - Change "Subcommittees" to Working groups
¶3, L3 - Change "programs" to projects

- 5-2 - ¶1, L2 - Change "must" to will
L3 - Change "shall" to will
L5 - Omit "mission and"
2nd Bullet - Change "program" to project
3rd Bullet - Change "program" to project
¶6, Change process flow steps to read:
"1. The Program Management Board will recommend research priorities to NMFS.
2. NMFS will prepare requests for proposals (RFP's) based on these recommended priorities and distribute them publically. (The solicitation will be coordinated by the Program Coordinator through the Gulf States Marine Fisheries Commission.)
3. Proposal responses will be reviewed for technical merit by NMFS/SERO-SEFC and their normal peer review groups, and any Program Management Board recommended technical review panels."

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- 5-4 - Change process flow step to read:
"4. Technical review comments and recommendations will be consolidated by the Program Coordinator in cooperation with NMFS and forwarded to the Program Management Board with the proposals for final recommendations."
Add last paragraph "Funding for the MARFIN program is expected to be in addition to fishery funding programs now in existence."
- 6-1 - ¶1, L2 - Change "programs" to program, delete "project"
L4 - Change "They" to The Board
¶2, L1-5 - Change to read "It is important to monitor not only projects funded through MARFIN, but also other fishery research and development activities which directly or indirectly impact the Gulf of Mexico. A matrix form of modeling/tracking will be developed which identifies known research and development activities affecting Gulf fisheries. The Program Coordinator, in behalf of the Program Management Board, will request periodic progress reports from the individuals and organizations which are involved in fisheries development and research. Examples of information requested include name of funding institution,..."
- ¶3, L1 - Change to read "Examples of organizations which will be requested to provide periodic progress reports are listed in Section 4.2 Others will..."
¶4, L3 - Change to read "...primarily by the Program Coordinator in cooperation with NMFS and the Gulf States Marine Fisheries Commission."
¶5, L2 - Change to read "...review the research and development projects performed under the auspices of MARFIN. Each..."
¶6, L1&3 - Change "shall" to will
- Appendix B Change to Partial List of References Additions

Following the 1½ days' discussions, Nick Mavar moved that the Task Force approve the Initiative. Dalton Berry seconded the motion. L. Simpson asked for discussion.

C. E. Bryan stated several points: There is a need to make better use of catches than presently doing. The emphasis should be on maintaining current fisheries; many are in trouble which is not

Marine Fisheries Initiative

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emphasized enough. From a Texas point of view, the document is too optimistic as it pertains to new fisheries. The literature was not thoroughly reviewed (due to lack of time) and he will have some additions to the list. There has been a lot of work done on underutilized species and a lot says there is not much out there. He reiterated the feeling that the Management Board is a duplication of effort and an unnecessary layer of bureaucracy. He feels that stock assessment should have the highest priority.

There being no further discussion, the motion passed with no opposition (11:37 am).

L. Simpson thanked all members for their cooperation and hard work on the development of the Initiative. The meeting was adjourned at 11:42 am.

PARTICIPANTS
December 6-7, 1984 Workshop
Biloxi, Mississippi

<u>Task Force Member</u>	<u>Representing</u>	<u>Attendee</u>
Mr. Robert J. Kemp Texas Parks and Wildlife Dept. 4200 Smith School Road Austin, TX 78744 (512) 479-4857	State agency	Mr. C. E. Bryan TPWD (512) 479-4861 Dr. Gary Matlock** TPWD (512) 479-4849
Mr. J. Burton Angelle Louisiana Dept. Wildlife and Fisheries P.O. Box 15570 Baton Rouge, LA 70895 (504) 925-3617	State agency	
Dr. Richard L. Leard Bureau of Marine Resources P.O. Drawer 959 Long Beach, MS 39560 (601) 864-4602	State agency	Self*
Dr. Elton J. Gissendanner Florida Dept. Natural Resources 3900 Commonwealth Boulevard Tallahassee, FL 32303 (904) 488-1554	State agency	Mr. J. Alan Huff** FDNR -- 100 8th Avenue, SE St. Petersburg, FL 33701 (813) 896-8626
Mr. Hugh A. Swingle Marine Resources Div. P.O. Box 189 Dauphin Island, AL 36528 (205) 861-2882	State agency	Mr. Walter M. Tatum MRD Drawer 458 Gulf Shores, AL 36542 (205) 968-7575
Dr. Frederick Deegen Bureau of Marine Resources P.O. Drawer 959 Long Beach, MS 39560 (601) 864-4602	Rec. fishing industry	Self
Dr. Kenneth J. Roberts Center for Wetland Resources Louisiana State University Baton Rouge, LA 70803 (504) 388-1558	Specialist	
Dr. Wade Griffin Texas A&M University Dept. Agricultural Economics College Station, TX 77843 (409) 845-2333	Specialist	

PARTICIPANTS
December 6-7, 1984 Workshop
Biloxi, Mississippi
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<u>Task Force Member</u>	<u>Representing</u>	<u>Attendee</u>
Dr. Theodore B. Ford 263 Stanford Avenue Baton Rouge, LA 70808 (504) 388-6283	GSMFC Technical Coordinating Committee	
Dr. James I. Jones MS-AL Sea Grant Consortium Gulf Coast Research Laboratory Ocean Springs, MS 39564 (601) 875-9341	MS-AL Sea Grant	
Dr. James C. Cato Florida Sea Grant Building 803 University of Florida Gainesville, FL 32611 (904) 392-5870	FL Sea Grant	
Dr. Jack R. Van Lopik Sea Grant Program LSU Center for Wetland Resources Baton Rouge, LA 70803 (504) 388-6710	LA Sea Grant	
Mr. Feenan D. Jennings Sea Grant College Program Texas A&M University College Station, TX 77843	TX Sea Grant	Mr. Willis H. Clark SGCP TX A&M Univ.
Dr. Richard J. Berry NMFS Southeast Fisheries Center 75 Virginia Beach Drive Miami, FL 33149 (305) 361-4286	NMFS SEFC	Dr. Bradford E. Brown* NMFS SEFC
Mr. Jack T. Brawner NMFS Southeast Regional Office 9450 Koger Boulevard St. Petersburg, FL 33702 (813) 893-3141	NMFS SERO	
Mr. Wayne E. Swingle Gulf of Mexico Fishery Management Council 5401 W. Kennedy Boulevard Suite 881 Tampa, FL 33609 (813) 228-2815	GMFMC	Self

PARTICIPANTS
December 6-7, 1984 Workshop
Biloxi, Mississippi
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<u>Task Force Member</u>	<u>Representing</u>	<u>Attendee</u>
Mr. Ralph Rayburn Texas Shrimp Association 403 Vaughn Building Austin, TX 78701 (512) 476-8446	Comm. fishing industry	Self*
Mr. Charles H. Lyles Louisiana Shrimp Association Route 7 Box 277A Ocean Springs, MS 39564 (601) 875-9860	Comm. fishing industry	
Mr. Nick A. Mavar, Jr. Mavar Shrimp & Oyster Co. P.O. Box 208 Biloxi, MS 39533 (601) 374-1373	Comm. fishing industry	Self
Mr. Dalton R. Berry Petrou Fisheries, Inc. P.O. Box 128 Empire, LA 70050 (504) 657-9711	Comm. fishing industry	Self
Mr. Dick Ingram Gulf Coast Conservation Association 4801 Woodway, Suite 220 W Houston, TX 77056 (713) 626-4222	Rec. fishing industry	
Mr. Tom Sebring P.O. Box 867 Islamorada, FL 33036 (305) 664-4029	Rec. fishing industry	
Mr. Robert P. Jones Southeastern Fisheries Association 312 East Georgia Street Tallahassee, FL 32301	Comm. fishing industry	

PARTICIPANTS
 December 6-7, 1984 Workshop
 Biloxi, Mississippi
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<u>Ex-officio/Administrative Members</u>	<u>Representing</u>	<u>Attendee</u>
Mr. J. Y. Christmas, Consultant Gulf Coast Research Laboratory Ocean Springs, MS 39564 (601) 875-2244 (601) 875-4638	GSMFC	Self
Dr. David J. Etzold, Consultant Univ. of Southern Mississippi Southern Station Box 5077 Hattiesburg, MS (601) 266-4675 (601) 264-4946	GSMFC	Self
Dr. Thomas D. McIlwain, Consultant Gulf Coast Research Laboratory Ocean Springs, MS 39564 (601) 875-2244	GSMFC	Self
Dr. Andrew J. Kemmerer National Marine Fisheries Service National Space Technology Laboratory NSTL Station, MS 39529 (601) 688-3650	NMFS	Self
Dr. Roger D. Anderson Gulf & South Atlantic Fisheries Development Foundation, Inc. 5401 W. Kennedy Boulevard Suite 571 Tampa, FL 33609 (813) 870-3390	GSAFDF	
Mr. Larry B. Simpson Gulf States Marine Fisheries Commission P.O. Box 726 Ocean Springs, MS 39564 (601) 875-5912	GSMFC	Self
Ms. Lucia B. O'Toole Gulf States Marine Fisheries Commission P.O. Box 726 Ocean Springs, MS 39564 (601) 875-5912	GSMFC	Self

PARTICIPANTS
December 6-7, 1984 Workshop
Biloxi, Mississippi
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Others

Susan Griggs
Tom Charlier

Affiliation

Gulf Coast Research Laboratory, Ocean Springs, MS
Sun/Daily Herald, Biloxi, MS

*In attendance on December 6 only.

**In attendance on December 7 only.

APPROVED BY:

J. H. Christman
COMMITTEE CHAIRMAN

TECHNICAL COORDINATING COMMITTEE

MINUTES

Friday, December 7, 1984
Biloxi, Mississippi

TECHNICAL COORDINATING COMMITTEE

MINUTES

Friday, December 7, 1984
Biloxi, Mississippi

Chairman J. Y. Christmas called the meeting to order at 12:00 noon. Mr. Christmas declared a quorum with 9 of 11 members present and outlined to the committee what they were to do at the meeting.

Andy Kemmerer asked to include an item of importance concerning the SEAMAP program under other business.

Mr. Christmas introduced David Etzold to review the MARFIN document which the TCC, was convened to consider for approval. David Etzold presented the final draft of the document to the committee along with an errata sheet of corrections that were identified subsequent to the November 19th mail out of the final draft to the task force. These will be incorporated into the document. He noted that the MARFIN Task Force had met for the last day and a half to address final changes in the document. The task force followed their approved agenda and covered the document page by page. They approved the document and recommend to the TCC their approval with the incorporation of the errata and the following outstanding items and work to be added.

- Table 1.1 made a summary type table without reference to specific management units.
- Table 2.1 revised numbers and footnotes to be added.
- Additional references added in the appendix.
- Inclusion of a dedication page in memory of Dr. Theodore B. Ford.
- Modifications of mariculture projects to reduce that amount an addition to shrimp, ocean pelagics, and estuarine projects.
- Addition of a new crab project.

Dr. Etzold noted that some 65 million dollars has been identified as needed, however, approximately 37 million dollars worth of programs for five years will be recommended for funding in the document.

Walter Tatum made a motion to approve the document and recommend approval by the Commission and was seconded by Tom McIlwain . A discussion of the document followed with Gary Matlock speaking for the record concerning his comments.

- 1) While he agreed with the need to make better use of our marine resources, he stressed the need to maintain our current traditional fisheries and utilize reliable stock assessments before developing a new or expanded fishery.
- 2) He felt the document is optimistic about the volume of under and non-utilized fishery resources.
- 3) He felt that the literature used as a basis for these projections was not thoroughly reviewed and included, at least for Texas work.
- 4) He felt the Program Management Board was unnecessary and will be an added burden of review to the staff of Texas Parks and Wildlife.
- 5) He felt that some of the tables and summary information were inaccurate and misleading; thereby, causing impressions which are not appropriate. i.e., statements like the recreational fishery research and management needs are unknown. This is not the case for Texas.
- 6) The focus of the document was totally commercial and not enough recreational potentials were addressed.
- 7) He felt that the promotion of purse seines to develop some fisheries was not justified.
- 8) He felt the document provided inadequate caution in development of underutilized fisheries.
- 9) Not all of the underutilized species were addressed, i.e. cabbage heads or jelly fish.
- 10) He felt that the Gulf of Mexico Fishery Management Council's needs were not adequately addressed in the document. Along with SEAMAP and agencies like the U.S. Fish & Wildlife Service.
- 11) He feels that the philosophy broadly held that some species cannot be over fished has resulted in less or reduced federal research programs for the Gulf.

- 12) In general, he felt the emphasis of the commercial needs in the document should be offset by increased emphasis of recreational needs. i.e., Projects like the E. Carolina work to encourage the catch discarded by recreational fisherman be utilized.

Other members of the TCC argued that some of his comments did not represent the document appropriately. Walter Tatum felt that standards by the Board can be accomplished and that safe limits of utilization were incorporated in the document. Andy Kemmerer noted that the document addressed the major items that were the initial tenets expressed by Congressman Lott and others, that is, a program to increase jobs and landings of fishery products for use domestically and for exports to offset the balance of trade deficits. Andy argued that the Board was needed to focus the program. If funding was just given to the separate entities without focus and guidance the program would not function.

The motion to approve the document and recommend it to the Commission was approved four to two with two abstentions.

Mr. Barrett indicated for the record his "no" vote was based on disagreement with the establishment of the board.

Andy Kemmerer reported on the funding status of SEAMAP for this fiscal year. Of the one million for use in the Gulf and South Atlantic, the NMFS Washington office will assess the program \$250K to cover shortfalls in other programs by the agency. Now the program has \$750K to address the programmatic needs of the Gulf and South Atlantic programs. He felt there are three options.

- 1) Go back through the budget process to modify our programs.
- 2) Invoke a 25% across the board cut in all States and NMFS, Southeast Fisheries Center (SEFC) programs.
- 3) Let the SEFC take the entire cut this year. That means of the \$364K planned for NMFS in FY 85 is now reduced to \$114K. With this cut
 - there will be no data management system.

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- no additional environmental systems equipment on vessels.
- no new satellite transmission equipment for the vessels.

The SEFC Director Dick Berry recommends that, NMFS take the entire cut this year with the understanding that if funded next year, they would get an increased share to recapture this year's programmatic losses of \$250K. The TCC agreed and Andy indicated all the State agencies should receive a letter from Dick Berry to this effect next week.

There being no further business, the meeting was adjourned at 1:00 p.m.

Technical Coordinating Committee

Friday, December 7, 1984

Biloxi, Mississippi

LIST OF ATTENDEES

J.Y. Christmas	Gulf Coast Research Laboratory
Larry Simpson	GSMFC Staff
Dr. David Etzold	GSMFC Consultant
Lucia O'Toole	GSMFC Staff
Dr. Thomas McIlwain	Gulf Coast Research Laboratory
Walter Tatum	Alabama Dept. of Cons. & Natural Resources
Alan Huff	Florida Dept. of Natural Resources
Barney Barrett	Louisiana Dept. of Wildlife and Fisheries
Harry Shafer	Louisiana Dept. of Wildlife and Fisheries
C.E. Bryan	Texas Parks and Wildlife
Dr. Gary Matlock	Texas Parks and Wildlife
Dr. Andy Kemmerer	NMFS Mississippi Laboratories