

SCI Data Systems, Inc.

DRAFT

Not For Publication

Proceedings of
Albemarle-Pamlico Estuarine Study
Technical Committee Meeting

Raleigh, North Carolina
January 20 and 21, 1987

Submitted to:

Dr. Douglas Rader
Program Coordinator
Albemarle-Pamlico Estuarine Study
Department of Natural Resources and
Community Development
Raleigh, North Carolina

Submitted by:

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January 24, 1987

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Proceedings of Albemarle-Pamlico Estuarine Study (APES)
Technical Committee Meeting
January 20 and 21, 1987

I. Opening Remarks

The meeting began at 10:00 a.m. chaired by Mr. Ernest Carl, N.C. Department of Natural Resources and Community Development. The agenda was tabled for consideration and approved. The minutes from the December 2, 1986 meeting were tabled for review and approved.

II. Program Activities Report

A. Meetings and Action Items

Doug Rader, Program Coordinator, APES, reported on three program activities:

1. The workplan is on schedule. The resource managers met in late December to identify needs and concerns. Small working groups met in early January to discuss problems and issues. The result is Chapter VI of the workplan for the Technical Committee's consideration. The remaining chapters will be considered as well. February 1, 1987 is the target date for the final draft of the workplan.

2. Public participation initiation is scheduled for February 14, 1987. Rader distributed the registration form for the public forum. It was also distributed to a wide audience throughout the Sounds.

3. Recent and upcoming meetings concerning APES were discussed as follows:

February 13, 1987 Policy Advisory Committee Meeting

January 30, 1987 Meeting of the American Fisheries and Trade Association

February 10, 1987 Meeting of the Regional Soil Conservation Service

Oceans '87 Scheduled for May in Seattle. Rader, Owens, Copeland and others will make presentations at the meeting

USGS held a district meeting on December 10, 1986 which focused on APES items of interest.

B. Office Support

Rader introduced Kathy Morris as the new program office secretary. Mike Urbach requested that the committee consider methods for providing support staff to Doug Rader. The committee complimented Rader for his dedication and hardwork. Bruce Barrett stated that Ted Bisterfeld, Region IV EPA, will be working full-time with the APES study. Other offices were encouraged to offer help as well.

C. Personal Computer

Rader announced that he will be requesting that the Policy Committee redirect some funds allocated to contractors to the purchase of office equipment (i.e. a personal computer).

D. Program Direction

Larry Minock, Virginia Council on the Environment, made a presentation concerning the first two years of the program. Based upon the Chesapeake Bay Program experience, he suggested the committee consider the following:

1. Categorize management problems:
 - Significant - existing and developing or probable
 - Other
2. Gather and evaluate existing technical studies, research and other information on:
 - Albemarle-Pamlico Sound study area
 - Relevant general topics such as BWP's sediment nutrient flux, etc.
3. Hire a full-time data coordinator and design and begin to implement a data management plan.
4. Design a monitoring plan--one that will build upon existing monitoring and will modify that effort and expand it as necessary.
5. Design a research plan.

III. Citizens Advisory Committees (CAC)

A. CAC Nominees

Mike Urbach requested that the Policy Committee vote on the CAC nominees before their upcoming meeting. The upcoming public participation meeting necessitates that the CAC be in place. Urbach motioned that the Policy committee vote via phone or mail. Tom Ellis seconded the motion. The motion carried.

Mike Orbach announced that Doug Mercer is not available as CAC member (industry category). Rader and Orbach were asked to propose a suitable replacement. Considering the two largest industries in the area, they proposed Nan Carpenter with Texas Gulf. Tom Ellis motioned to accept. Jim Stewart seconded. The motion carried.

ACTION: Rader is to draft a letter to Bruce Barrett and Ernie Carl regarding Citizen Committee approval.

IV. Workplan

A. Purpose

Dirk Frankenberg, University of North Carolina, asked for an explanation of the purpose of the workplan. Doug Rader summarized the workplan as:

1. A statement of the purpose of the study and a brief characterization reflecting trends of the Sound;
2. Perceived problem identification and projected project areas to address those problems;
3. Specific projects along with deliverable projects to address the perceived problems or concerns;
4. Cost estimates;
5. Schedules for completion; and
6. Information on project integration

The committee then began its review of the workplan

B. Chapters I-III

B.J. Copeland, W.C. Sea Grant Office expressed concerns that chapters I-III do not efficiently fit with the rest of the plan. Discussion ensued as to how to integrate the first three chapters with the remaining chapters. It was suggested that a subcommittee could handle this task. Rader stated that members of the Policy and Technical committees have volunteered to work on the plan.

ACTION: Rader is to arrange for the Chapter I-III subcommittee to redraft the document.

B. Chapter IV

Discussion took place on the meaning of interaction versus conflicting uses, used throughout the chapter. Doug Rader suggested that the concerns be settled by:

1. rephrasing the term conflict use and put it in terms of interactions and processes;
2. inserting additional language explaining the intent of the chapter to diffuse ambiguity;
3. expanding environmental concerns to include trends information where available; and
4. adding transitional paragraphs to relate the first and second chapter sections.

C. Chapter VI

Discussion took place on how to set priorities on the proposed study areas. Sharon Shutler, NDAA, Estuarine Programs Office, suggested establishing criteria for evaluating the project needs. For example, she proposed that the committee should look at cost; the time required to achieve answers; administrative as well as substantive priorities; Sound-wide or generic issues versus specific issues; and researchability factors. Doug Rader was asked to revise the matrix in Chapter V (Conflicting uses) to match up with the proposed project needs and associated costs. Committee members were asked to review the draft document and set priorities for consideration.

Upon reconvening on January 21, 1987, Bruce Barrett, EPA Region IV, suggested an alternative to the workplan review process. The committee agreed to his proposal as follows:

1. Doug Rader (as mentioned above) is to arrange for editing and condensing Chapters I-IV (resource background information) for consistency and integration with the remaining chapters.
2. Chapter VI should for the time being remain fundamentally as it now exists. It should be presented to the Policy Committee on February 13, 1987 and the Public meeting on February 14, 1987. In the meantime Bill Hogarth and Paul Wilms and their staffs (fisheries and water quality offices) should review the studies in Chapter VI and set priorities. Wilms and Hogarth should have a tentative ranking of what the resource managers priorities are and present them at the Policy and Public meetings. The Technical Committee will meet in late February to hear Hogarth and Wilms present their priorities. The committee will debate and vote on the list at that time.

ACTION: Rader to arrange for revision of Chapters I-IV. Hogarth and Wilms are to establish priorities using Chapter VI list.

V. Computer Support

Karen Bideralis, N.C. DNRCO, presented cost estimates (appendix A) for a projected computer system (excluding staff support). Discussion ensued on the need for remote sensing equipment, costs and funding resources, and support staff. While it was agreed that a good data system is needed, there was no agreement as to how to accomplish it. This subject was tabled for discussion at the next meeting.

VI. The next meeting of the Technical Committee is scheduled for February 25, 1987 in Raleigh, N.C.

List of Attendees

Policy Member

Dir Frankenberg, UNC

Technical Member

William Austin, DNRCD
Ernest Carl, DNRCD
Tom Ellis, NC Dept of Agric.
Michael Orbach, NC Marine Sci Council
Sharon Shutler, NOAA
James Turner, USGS
Bruce Barrett, EPA
B. J. Copeland,, NCSU
James Stewart, NCSU
R. Paul Wilms, DNRCD

Others Present

Mark Alderson, EPA
Ted Bisterfeld, EPA
Jerad Bales, USGS
Bill Cole, USF&WS
Marguerite Duffy, SCI
Katherine Foote, N4DNRCD
Margaret Holton, League of Women
Don Hoss, NOAA
Harrel Johnson, NC, Div of Marine Fisheries
Kate Benkert, USF&W
Randall Cheek, NMFS
Dave McNaught, Pam.-Tar River Foundation
Terry Sholar, DNRCD
John Meshaw, US CofE
Doug Kader, DNRCD
Larry Minock, VA Council on Environment
Tom Tribble, DNRCD
Todd Miller, NC Coastal Federation
Fred White, DNRCD

**ALBEMARLE PAMLICO ESTUARINE STUDY
COMPUTER EQUIPMENT AND SOFTWARE BUDGET
January 21, 1987**

<u>ITEM</u>	<u>FY-86/87</u>	<u>FY-87/88</u>	<u>FY-88/89</u>	<u>FY-89/90</u>	<u>FY-90/91</u>
ARDWARE:					
synchronous ports (8)	5,000				
2-2400 BPI Modems	1,300				
Remote Sensing System	50,000				
System Upgrade - CPU, Memory, Disk, & ISC		30,000	30,000	30,000	30,000
Maintenance	5,600	15,600	15,600	15,600	15,600
SOFTWARE:					
ARC/INFO	N/C	N/C	N/C	N/C	N/C
SAS	4,500				
Text Management System		20,000			
Other		10,000	10,000	10,000	10,000
Maintenance		5,500	6,500	7,500	8,500
COMMUNICATIONS:					
Modem Lines (2)					
Install	500				
Line Charges (70 mo.)	840				
RJE/SNA, ISC, & Maintenance (to SCC)	N/C	N/C	N/C	N/C	N/C
Commercial Network (TYMNET)					
Install		1,000			
Fixed Charges		19,380	19,380	19,380	19,380
X.25 software	N/C	N/C	N/C	N/C	
DESIGN/PROGRAMMING:					
Database Design	20,000				
Front End Design	20,000				
Programming		50,000			
TOTAL:	107,740	151,480	81,480	82,480	83,480



SCI DATA SYSTEMS, INC.

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MEMORANDUM
MD-87-40-MM

TO: Doug Rader

FROM: Marguerite Duffy *Marguerite*

DATE: January 24, 1987

SUBJECT: Draft Proceedings January 20 & 21, 1987

CC: Mike Connor, Battelle
Michelle Hiller, EPA
Sam Petrocelli, Battelle
Sally Turner, EPA, Region IV
Mark Alderson, EPA, OMEP

RE: EPA/OMEP/Battelle Contract No. 68-03-3319

Enclosed is a draft of the proceedings from the Technical Committee meeting held in Raleigh January 20 & 21. After you have reviewed them, please call me with your changes and approval and we will arrange for copies and mailing labels.

Please let me know if there is any additional information we can provide you.