

APPENDIX C

PERTINENT CORRESPONDENCE

APPENDIX C

PERTINENT CORRESPONDENCE

TABLE OF CONTENTS

<u>Item</u>	<u>Page No.</u>
STUDY PARTICIPANTS - 1992.....	1
WRITTEN COORDINATION AND RESPONSES	
CITY OF NEW SMYRNA BEACH - 1996.....	3
CONSULTANT -	
TAYLOR ENGINEERING - 1992.....	5
MID-ATLANTIC TECHNOLOGY - 1995.....	7
COUNTY OF VOLUSIA	
PORT AUTHORITY LETTER - 1991 .....	11
PORT AUTHORITY LETTER - 1992.....	19
PORT AUTHORITY LETTER - 1992.....	23
PORT AUTHORITY LETTER - 1998.....	25
COUNTY MANAGER LETTER - 1998 .....	27
PORT AUTHORITY LETTER - 1999.....	28
FLORIDA AUDUBON SOCIETY - 1995.....	29
FLORIDA STATE CLEARINGHOUSE COORDINATION	
OFFICE OF THE GOVERNOR - 1992.....	31
DIVISION OF HISTORICAL RESOURCES - 1992.....	35
STATE OF FLORIDA DEPARTMENT OF COMMERCE - 1992.....	39
WATER MANAGEMENT DISTRICT - 1992.....	41
FLORIDA GAME AND FRESH WATER FISH COMMISSION - 1992.....	43
STATE OF FLORIDA DEPARTMENT OF NATURAL RESOURCES - 1992.....	47
FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION - 1992.....	49
DIVISION OF HISTORICAL RESOURCES RE: SURVEY OF LIGHTHOUSE POINT- 1994.....	53
DIVISION OF HISTORICAL RESOURCES - 1995.....	55
DEPARTMENT OF COMMUNITY AFFAIRS - 1995.....	57
DEPARTMENT OF ENVIRONMENTAL PROTECTION - 1995.....	59
DIVISION OF HISTORICAL RESOURCES - 1995.....	61

HOUSE OF REPRESENTATIVES - 1992	
RESOLUTION.....	71
USACE - 1992	
ENVIRONMENTAL COORDINATION LETTER.....	73
MAILING LIST.....	75
PROPOSED ALTERNATIVES.....	79
WATERWAYS EXPERIMENT STATION.....	83
USACE - 1995	
ENVIRONMENTAL COORDINATION LETTER.....	85
MAILING LIST.....	89
REPLIES	
DEPARTMENT OF COMMUNITY AFFAIRS.....	93
DEPARTMENT OF ENVIRONMENTAL PROTECTION.....	95
DIVISION OF HISTORICAL RESOURCES.....	97
DEPARTMENT OF COMMUNITY AFFAIRS.....	105
USACE - 1997	
ENVIRONMENTAL COORDINATION LETTER.....	107
REPLIES	
DEPARTMENT OF COMMUNITY AFFAIRS.....	111
DEPARTMENT OF ENVIRONMENTAL PROTECTION.....	113
SAINT JOHNS RIVER WATER MANAGEMENT DISTRICT....	119
DIVISION OF HISTORICAL RESOURCES.....	123
DIVISION OF HISTORICAL RESOURCES.....	125
NATIONAL OCEANOGRAPHIC AND ATMOSPHERIC	
ADMINISTRATION.....	127
TO FISH AND WILDLIFE SERVICE.....	129
FEGER SEAFOOD.....	131
LAWRENCE E. DECKER.....	135
COUNTY OF VOLUSIA.....	137
CITY OF NEW SMYRNA BEACH.....	139
CITY OF NEW SMYRNA BEACH.....	141
EDWARD AFTUCK.....	143
FEGER SEAFOOD.....	145
DEPARTMENT OF ENVIRONMENTAL PROTECTION.....	149
US COAST GUARD.....	159
FISH AND WILDLIFE SERVICE.....	161
DIVISION OF HISTORICAL RESOURCES.....	163
NATIONAL OCEANOGRAPHIC AND ATMOSPHERIC	
ADMINISTRATION.....	165
US COAST GUARD	
SEVENTH COAST GUARD DISTRICT - OCT 1992.....	167
SEARCH AND RESCUE DIVISION- DEC 1992.....	175
SEVENTH COAST GUARD DISTRICT- AUG 1996.....	177

US DEPARTMENT OF THE INTERIOR	
FISH AND WILDLIFE SERVICE - 1992.....	183
FISH AND WILDLIFE SERVICE - 1996.....	185
US DEPARTMENT OF COMMERCE	
NATIONAL MARINE FISHERIES SERVICE - 1992.....	205

## APPENDIX C

### PERTINENT CORRESPONDENCE

The study coordination effort was to keep the public informed and obtain feedback. The study participants are listed in this appendix along with the public views and comments obtained during the study.

### STUDY PARTICIPANTS

Accomplishment of the study involved close coordination between the Corps of Engineers and the sponsor. The Corps of Engineers conducted the study, consolidated information from other agencies, formulated plans, and coordinated study findings at various points during the study. Coordination involved the following Federal and State agencies in addition to local interest and the sponsor, the Ponce DeLeon Port Authority of Volusia County.

#### FEDERAL

Fish and Wildlife Service  
United States Coast Guard

#### STATE

Game and Fresh Water Fish Comm.  
Dept. of Environmental Protect.  
Dept. of Natural Resources  
Office of the Governor  
Department of Commerce  
Department of State  
Division of Historical Resources

### WRITTEN COORDINATION AND RESPONSES

Coordination with local interests involved field visits and local interviews to obtain their views and provide information. A feasibility study Technical Review Conference occurred on July 12, 1995. A public meeting/workshop was held on July 24, 1997, sponsored by the Volusia County Council Port Authority Advisory Board. Coordination efforts to gather information and obtain comments and responses on various plans are in the letters following this page.



# City of New Smyrna Beach

---

July 16, 1996

Mr. Richard Powell, CESAJ-PD-PN  
U.S. Army Corps of Engineers  
Jacksonville District  
P.O. Box 4900  
Jacksonville, Fl. 32232-0019

Dear Mr. Powell:

Thank you for the opportunity to discuss waterfront development options in the City of New Smyrna Beach. As requested I have enclosed a copy of a recent market study done for the City. This study has an emphasis toward recreational boating since improvements in facilities serving this market are among our short-term priorities. However, there is some market data on charter fishing, and, as we discussed, we are in the planning stages of the development of a facility on the North Causeway which would cater to this market. Implementation of a project of this type is not expected for three to five years depending on funding and permitting activities, but the study shows that such a facility could be economically viable.

The other prime water-related site is the power plant site located east of our airport. This site has been the topic of many proposals over the years, and continues to be investigated by prospects interested in waterfront industrial activity, gambling cruises and other types of water oriented commercial and industrial activity. The City has tried to maintain a flexible posture toward the use of this site, and we would be willing to consider modification of the current land use and zoning if required by a quality project. We do expect the ultimate development of this site to be some type of economic generator related to water activity.

I do not have any information on the commercial fishing market that might be useful. With an improved inlet access additional commercial fishermen may desire to use local

Mr. Richard Powell  
July 16, 1996  
Page 2

facilities. If current facilities are inadequate, we would certainly consider the use of all or a portion of the power plant site for the development of supporting land-side operations that would serve the fishermen.

I hope this information has been helpful. If you need additional data or have other questions, please feel free to contact us.

Sincerely,

  
Thomas A. Harowski, AICP  
Development Services Director

cc: F. Roberts  
D. O'Brien

February 14, 1992

Mr. Marvin Bailey  
Chief, Navigation Branch  
Planning Division  
Jacksonville District Corps of Engineers  
P.O. Box 4970  
Jacksonville, FL 32232

Re: Phase III Technical Addendum, Ponce DeLeon Inlet Management Program

Dear Mr. Bailey:

Enclosed is a copy of our completed report referenced above. This document summarizes the work performed by Taylor Engineering, Inc. during the past year as part of our ongoing technical evaluation of the performance of the Ponce DeLeon navigation project. As such the enclosed document has been designated as a technical addendum to our 1990 report referenced as follows:



Taylor, R. B., M.A. Yanez, T.J. Hull and W.F. McFetridge, "Engineering Evaluation of Ponce DeLeon Inlet, Final Phase II Report," Taylor Engineering, Inc., Jacksonville, FL, May, 1990

We hope that the information contained in this document will be of assistance to you in the performance of your ongoing reconnaissance study of Ponce DeLeon Inlet. I look forward to receiving your comments regarding our work. After you have reviewed the enclosed report, we would appreciate the opportunity to meet with you and your staff to discuss our findings and to answer any questions that you might have. Thank you for your interest and efforts.

Sincerely,

R. Bruce Taylor, Ph.D., P.E.  
President

:blm

enclosure

cc: Dan O'Brien

# Mid-Atlantic Technology

P. O. Box 4067  
Wilmington, North Carolina 28406-1067  
910 675-8270

4 July 1995

Janice Adams  
Archeologist  
Planning Division/CESAJ-PD-ER  
Jacksonville District Office  
U.S. Army Corps of Engineers  
P.O. Box 4970  
Jacksonville, Florida 32232-0019

Re: Executive Summary – Professional Services to conduct Diver Investigations of Seven Potentially Significant Magnetic Anomalies in the Vicinity of Ponce de Leon Inlet, Volusia County, Florida.  
Contract Number: DACW17-95-M-0980

Dear Ms. Adams:

Mid-Atlantic Technology conducted field investigations for the above-referenced project from 25 through 29 June 1995. The objectives of the investigations were to physically relocate, identify, and assess the archeological significance of the materials producing magnetic anomalies in Ponce de Leon Inlet. The seven targets, Ponce F through Ponce M, were originally identified in a remote sensing survey conducted by Mid-Atlantic Technology on 23 and 24 February 1995.

Mid-Atlantic Technology returned to the anomalies' coordinates with the aid of an onboard computer navigation system interfaced with a Differential Global Positioning System (DGPS) and a Geometrics 866 marine magnetometer. The DGPS consisted of a NavStar™ receiver system that operated with an UHF radio link and interfaced with a 486 PC computer system. The computer system was operated with HYPACK hydrographic survey software, which was used to return to target/anomaly coordinates. The magnetometer was used to relocate target/anomaly signatures.

As the magnetic anomalies were rediscovered, buoys were dropped as closely as possible to the target in order to triangulate the source of each target signature. Once the source had been marked by a buoy, the vessel was anchored nearby and divers were sent down a buoy line to identify the material producing the signature. If the material producing the target signature was not exposed on the bottom surface, the divers used probes to locate the target below the bottom surface. If the object was buried, a water-powered jet probe and induction dredge were used to excavate test holes down to the object.

All of the following seven target signatures were relocated and identified:

**Target ID**

**State Plane Coordinates**

**Ponce F**                      **X=528,578**                      **Y=1,723,314**

**Target Ponce F** was identified as an 18-inch dredge pipe, of undetermined length, and at least one dredge pipe coupler. The pipe was buried in 6 feet of loose sand. Divers exposed a 3-foot-long section of the pipe to confirm its identity. Once exposed, a jet was used to probe along its length until the coupler was located.

**Ponce G**                      **X=529,164**                      **Y=1,723,444**

**Target Ponce G** was identified as a steel anchor weight and cable. The object was buried 5 feet below the bottom surface in loose sand. It was identified by probing, to and around the anchor, with a 10-foot-long jet probe.

**Ponce H**                      **X=528,598**                      **Y=1,723,155**

**Target Ponce H** was identified as an 18-inch dredge pipe of undetermined length. The pipe was buried in 7 feet of loose sand. It was identified by probing, to and along the pipe, with a 10-foot-long jet probe.

**Ponce I**                      **X=529,020**                      **Y=1,723,233**

**Target Ponce I** was identified as an approximately 3-foot by 3-foot steel anchor weight with chain, of undetermined length. The object was buried 6 to 7 feet below the bottom surface in loose sand. It was identified by probing, to and around the anchor, with a 10-foot-long jet probe.

**Ponce J**                      **X=529,671**                      **Y=1,723,490**

**Target Ponce J** was identified as a large, steel anchor (possibly Navy type). The anchor was buried 5 feet below the bottom surface in loose sand. It was identified by excavating with a handheld dredge and probing, to and around the anchor, with a 10-foot-long jet probe.

**Ponce K**                      **X=528,675**                      **Y=1,722,950**

**Target Ponce K** was identified as an approximately 3-foot by 3-foot steel anchor, of undetermined length. The object was buried 8 feet below the bottom surface in loose sand. It was identified by probing, to and around the anchor, with a 10-foot-long jet probe.

**Ponce M****X=528,998****Y=1,722,904**

**Target Ponce M** was identified as an approximately 3-foot by 3-foot steel anchor weight, of undetermined length, and other debris including chain and a small, steel plate, of undetermined size. The object was buried 7 feet below the bottom surface in loose sand. It was identified by probing, to and around the anchor, with a 10-foot-long jet probe.

None of the objects identified have any archeological significance, and, therefore, do not meet any criteria for nomination to the National Register of Historic Places. No further investigations are recommended.

If you have any questions or need further information please contact me.

Sincerely yours,



Wes Hall

*Mid-Atlantic Technology*



# County of Volusia

Ponce DeLeon Port Authority  
440 S. Beach Street • Daytona Beach, FL 32114-5004  
(904) 254-4637 • (904) 423-3864

December 26, 1991

U.S. Army Corps of Engineers  
Jacksonville District  
Post Office Box 4970  
Jacksonville, Florida 32232-0019

Attn: Richard B. Powell, Jr.

Dear Mr. Powell,

Please find enclosed the erosion information I discussed with you previously on Ponce De Leon Inlet.

1) Volusia County charter industry artificial reef use on a yearly basis.

Approximately ten (10) years ago we began constructing artificial reef from 6-12 mile offshore. We have approximately 12 reefs presently and will continue to construct artificial reefs. Our natural reefs are 25-30 miles offshore, so you can see why a new industry was created.

This document establishes through survey of 30 boats that tourists paid to the skippers of these vessels approximately \$1,000,000.00 per year for half trips to artificial reefs. We did this survey to show that the money we spend each year constructing artificial reefs (\$100,000.00 per year) is generating economic benefit to the area.

However, this survey can be used to establish the total charter business for a year. See if you don't agree with me.



Corps of Engineers  
December 26, 1991  
Page Two

Charter Boats

Total Trips Per Year		
1,310	1/2 Day x \$325.00 Per Trip	\$ 425,750.00
1,966	Full Day x \$450.00 Per Trip	\$ 884,700.00
Total Fee Paid to Skippers -		<u>\$1,310,450.00</u>

Head Boats

1/2 Day Trips - 20,592 Persons @ \$25.00 Each	\$ 514,800.00
Full Day Trip - 20,592 Persons @ \$40.00 Each	\$ 823,680.00
Total Fee Paid to Skippers -	<u>\$1,338,480.00</u>

TOTAL \$2,648,930.00

If you use the normal multiplier to establish economic benefit to community it would be much larger.

2) Memo dated 11/2/91 re: landing stats. reflects offshore commercial fishing trips.

I hope these figures assist you in your analysis. If you need further assistance please call me.

Happy New Year!

Sincerely,



Dan O'Brien  
Coordinator  
Port Authority

DO/dd  
Enclosures

Department  
Memorandum



RECEIVED

PONCE DE LEON  
PORT AUTHORITY

TO: Dan O'Brien  
Ponce Inlet Port Authority

FROM: Joe Nolin  
Extension Agent-Marine/Sea Grant

SUBJECT: Land Stats

DATE: November 21, 1991

FILE:

REFERENCE:

The information requested by the Ponce Inlet Port Authority Advisory Board regarding commercial vessel passages through Ponce Inlet and the value of the commercial fishery in Volusia County is as follows:

Based on 1990 FDNR landing Statistics:

1. There were 5,614 offshore commercial fishing trips recorded as landing in Volusia.\*
2. The dockside (on the hoof) value of the offshore commercial fishery was \$ 2,183,839.70.\*\*
3. Adjusted offshore commercial fishery value based on a multiplying factor of 1.85 is \$ 4,040,103.44

\* This figure is based on a percentage of actual trips made and only reflects passages from seaward back through Ponce Inlet to land and sell product it does not account for passages out to sea to fish since accurate trip origination data is not available. Considering this the actual number of passages through Ponce Inlet by commercial fishing vessels may be much higher.

\*\* These figures are only the dockside value. Using a multiplier factor that considers spinoff industries related to the landing, marketing, processing, and packaging, of the product this value becomes much higher. The average multiplying factor used in Florida commercial fisheries as of 1985 was 1.85.

UOLUSIA CHARTER INDUSTRY ARTIFICIAL REEF USE  
GENERAL YEARLY TRIP STATISTICS

	<u>CHARTER BOATS</u>	<u>HEAD BOATS</u>
VESSELS SURVEYED.....	21	9
AVERAGE # OF TRIPS/WEEK.....	3	4
TOTAL TRIPS/YEAR.....	3,276	1,872
COMBINED TOTAL TRIPS.....		5,148 TRIPS/YEAR
TRIP PROFILE.....	73% FULL-DAY 27% HALF-DAY	50% FULL-DAY 50% HALF-DAY
AVERAGE COST/TRIP.....	\$450.00 FULL-DAY \$325.00 HALF-DAY	\$40.00 FULL-DAY \$25.00 HALF-DAY
AVERAGE # OF TRIPS TO AN ARTIFICIAL REEF/WEEK.....	1.2 (40% OF TRIPS)	2 (50% OF TRIPS)
TRIPS TO AN ARTIFICIAL REEF/YEAR.....	1310 TRIPS/YEAR	936 TRIPS/YEAR
COMBINED TOTAL OF TRIPS TO ARTIFICIAL REEFS/YEAR.....		2,246 TRIPS/YEAR

UOLUSIA CHARTER INDUSTRY ARTIFICIAL REEF USE  
GENERAL CLIENTELE STATISTICS (YEARLY)

	<u>CHARTER BOATS</u>	<u>HEAD BOATS</u>
AVERAGE # CLIENTS/TRIP.....	5	22
CLIENTELE.....	67% TOURISTS 33% RESIDENTS	64% TOURISTS 36% RESIDENTS
TOTAL CLIENTS.....	16,380 PERSONS	41,184 PERSONS
COMBINED TOTAL.....		57,564 PERSONS
CLIENTS FISHING ARTIFICIAL REEFS/YEAR.....	6,550 PERSONS	20,592 PERSONS
TOTAL # OF PERSONS FISHING ARTIFICIAL REEFS ON CHARTER AND HEAD BOATS/YEAR.....		27,142 PERSONS
ARTIFICIAL REEF FISHERMAN PROFILE.....		17,778 TOURISTS 9,364 RESIDENTS

UOLUSIA CHARTER INDUSTRY ARTIFICIAL REEF USE  
GENERAL TRIP AND FARE STATISTICS\* (YEARLY)  
CHARTER BOATS

TOTAL DOLLARS PAID FOR FISHING  
TRIPS TO ARTIFICIAL REEFS  
BASED ON HALF-DAY\*\*  
TRIP PRICING.....1,310 TRIPS @ \$325.00/TRIP

TOTAL DOLARS SPENT ON  
ARTIFICIAL REEF FISHING TRIPS.....\$425,750.00/YEAR

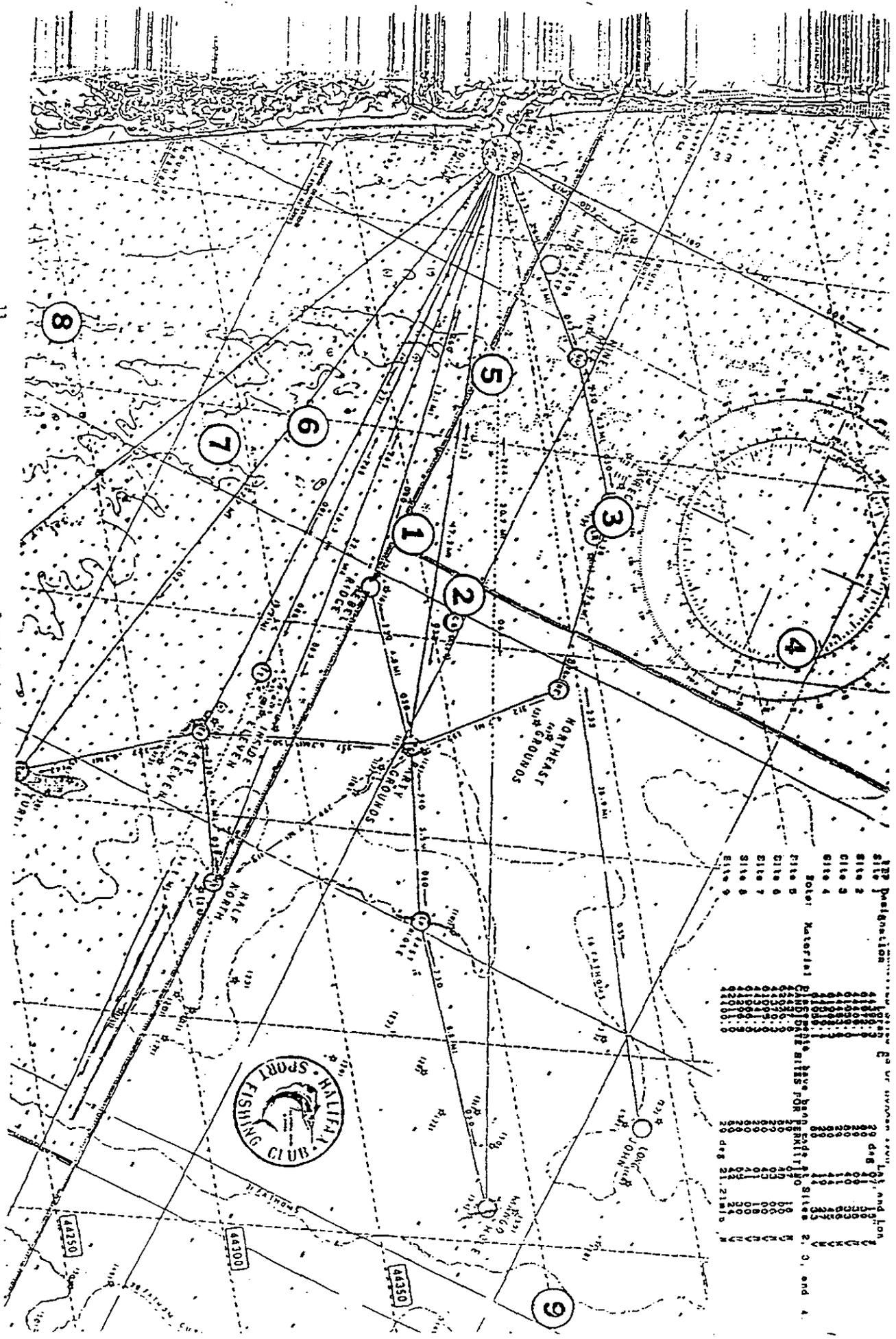
HEAD BOATS

TOTAL DOLLARS PAID FOR FISHING  
TRIPS TO ARTIFICIAL REEFS  
BASED ON HALF-DAY\*\* TRIP  
PRICING AND AVERAGE NUMBER  
OF FISHERMEN/TRIP.....936 TRIPS X 22 FISHERMEN  
TOTAL FISHERMEN.....20,592 PERSONS @ \$25.00ea.  
TOTAL DOLLARS SPENT ON  
ARTIFICIAL REEF FISHING TRIPS.....\$514,800.00/YEAR

ECONOMIC ACTIVITY OF CHARTER INDUSTRY IN UOLUSIA  
THAT IS GENERATED BY FARES PAID TO FISH  
UOLUSIA ARTIFICIAL REEFS

TOTAL DOLLARS PAID TO THE CHARTER  
AND HEAD BOAT INDUSTRY TO FISH  
UOLUSIA ARTIFICIAL REEFS.....\$940,550.00/YEAR\*\*\*

- \* CHARTER AND HEAD BOAT FARE STATS ARE FIGURED DIFFERENTLY  
BECAUSE CHARTER BOATS CHARGE ON A PER TRIP BASIS,  
WHEREAS HEAD BOATS CHARGE ON A PER PERSON BASIS.
- \*\* BOTH CHARTER AND HEAD BOATS USE ARTIFICIAL REEFS PRIMARILY  
ON HALF-DAY TRIPS.
- \*\*\* THIS FIGURE ONLY INDICATES ECONOMIC ACTIVITY GENERATED BY  
FEES PAID FOR CHARTER AND HEAD BOAT FISHING TRIPS. ACTUAL  
TOTAL ECONOMIC ACTIVITY WOULD HAVE TO INCLUDE BAIT,  
TACKLE, EMPLOYEE WAGES, HAULING FEES, FUEL COSTS, BOOKING  
FEES, ADVERTISING, AND ALL OTHER COSTS ASSOCIATED WITH A  
CHARTER FISHING BUSINESS.



Site Designation  
 site 1  
 site 2  
 site 3  
 site 4  
 site 5  
 site 6  
 site 7  
 site 8  
 site 9

Notes: Material  
 Sites have been marked for exit

33  
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# County of Volusia

Ponce DeLeon Port Authority  
440 S. Beach Street • Daytona Beach, FL 32114-5004  
(904) 254-4637 • (904) 423-3864

February 6, 1992

U.S. Army Engineer District, Jacksonville  
Post Office Box 4970  
Jacksonville, Florida 32232-0019

Attn: Richard B. Powell, Jr.,  
Civil Engineer  
Planning Division

Dear Mr. Powell,

It has come to my attention that I have omitted an important segment of information regarding our Ponce Inlet Reconnaissance Report, that being the erosion of some very expensive land owned by the State of Florida on the north side of the channel.

In 1986 the State of Florida and the Port Authority obtained approximately 40 acres (Parcel B) of an 80 acre tract on the north side of Ponce Inlet (see attachment). The area is known as Lighthouse Point Park. The property was taken by eminent domain and the settlement price was \$1,800,000.00. The other 40 acres (Parcel C) is owned by the State. Since the weir on the North Jetty was closed, the channel has migrated to the north and the entire 40 acres purchased in 1986 no longer exists. The erosion is now eating away at the remaining 40 acres. If something is not done we will probably lose most or all of the remaining acreage.

The above erosion does not include erosion taking place within a 55 acre parcel known as Parcel A, Lighthouse Point Park. Parcel A is developed as a passive park. The erosion is so intrusive that the parking area and pavilion on the property is in danger of being lost and if erosion is allowed to continue it could cause the blockage of the only channel (private) allowing the ingress and egress to the Ponce Inlet Fishing Fleet to the Inlet.

Richard B. Powell, Jr.  
February 6, 1992  
Page Two

According to our Coastal Engineer, Taylor Engineering, Inc., Jacksonville, we are losing approximately 75 feet per year from the north side of our Inlet. So it won't be many more years before we could lose all of it.

If you need further information please call me.

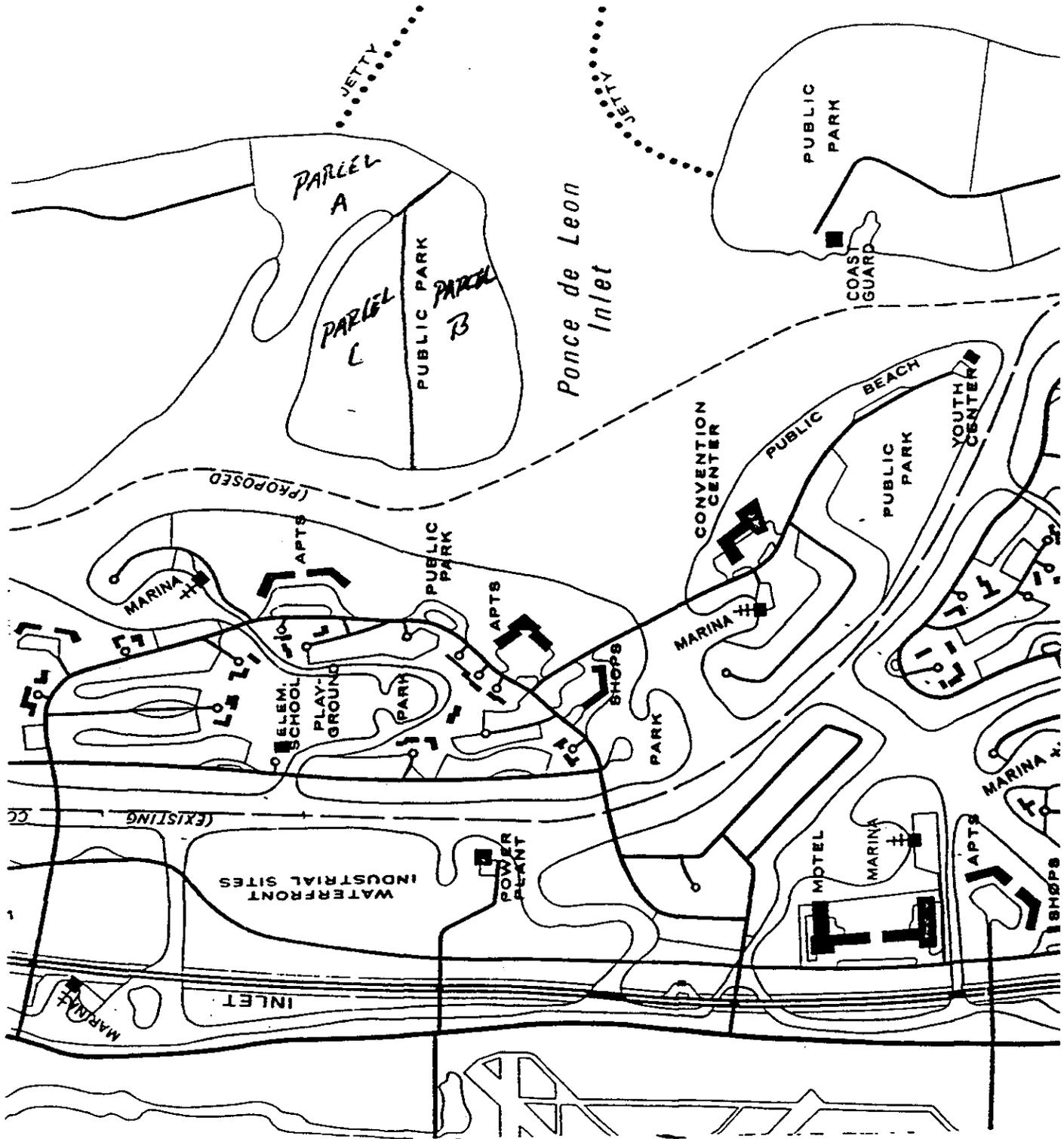
Sincerely,



Dan O'Brien  
Coordinator  
Port Authority

DO/dd  
Attachment

# ATTACHMENT





# County of Volusia

Ponce DeLeon Port Authority  
440 S. Beach Street • Daytona Beach, FL 32114-5004  
(904) 254-4637 • (904) 423-3864

November 11, 1992

U.S. Army Corps of Engineers  
Jacksonville District  
Post Office Box 4970  
Jacksonville, Florida 32232

Attn: A.J. Salem, Chief,  
Planning Section

Dear Mr. Salem,

Attached please find correspondence from the Florida Department of Natural Resources dated November 6th regarding USACE-SAJ Reconnaissance Report, Ponce De Leon Inlet. A copy of this letter was sent to you.

The letter states that no approved Inlet Management Plan is available. The letter is correct, however, we have a contract with Taylor Engineering, Inc. Jacksonville to complete a plan and forward it to D.N.R. for approval. The project is 75% complete and Taylor Engineering, Inc. has until February 1993 to complete it.

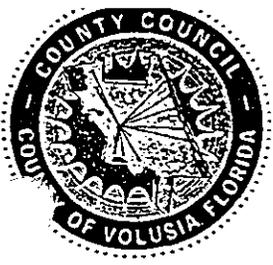
I am not sure how long the approval process takes once we submit the plan, but we will do all we can to expedite the project so they can comment.

Sincerely,

Dan O'Brien  
Coordinator  
Port Authority

DO/dd  
Attachment





# County of Volusia

## COUNTY MANAGER

THOMAS C. KELLY ADMINISTRATION CENTER  
123 West Indiana Avenue • DeLand, Florida 32720-4612  
Telephone (904) 736-5920 • (904) 257-6011 • (904)423-3860  
<http://volusia.org>

R. STANLEY ROSEVEAR  
CHAIR  
DISTRICT 4

March 2, 1998

PATRICIA NORTHEY  
VICE-CHAIR  
AT LARGE

~~FILED~~  
3-3-98

PAT PATTERSON  
DISTRICT 1

Mr. Richard Bonner, Deputy District Engineer  
for Project Management  
U. S. Army Corps of Engineers  
Jacksonville District  
P. O. Box 4970  
Jacksonville, FL 32232

JAMES E. WARD  
DISTRICT 2

FREDDYE MOORE  
DISTRICT 3

ANN MCFALL  
DISTRICT 5

Dear Mr. Bonner:

ROBERT E. TUTTLE  
AT LARGE

Please accept this letter as a request to amend the feasibility report for Ponce DeLeon Inlet known as "Ponce DeLeon Inlet, Florida, #14310."

LAWRENCE W. ARRINGTON  
COUNTY MANAGER

The Ponce DeLeon Port Authority, County of Volusia has developed a locally preferred plan. This plan would 1) remove the commercial fishing port, 2) construct the 1,000 foot extension of the south jetty as per the feasibility report on a cost share basis, 3) provide for north jetty improvements in two stages: (a) 800 foot revetment to section one as soon as possible, and (b) construct 1,540 foot revetment to section two as funding is available.

All of the work for both stages of north jetty improvements to be considered under the maintenance contract and be considered O & M work funded by the Corps of Engineers.

Should you have any questions, please call my office at (904) 736-5920.

Sincerely,

Lawrence W. Arrington  
County Manager

LWA/DO/db



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Recycled Paper



# County of Volusia

## Ponce DeLeon Port Authority

700 Catalina Drive, Suite 125 • Daytona Beach, Florida 32114  
Telephone: (904) 248-8077 • Fax: (904) 248-8075

Mr. Tom Wright, President  
Smyrna Surfari Club  
340 North Causeway  
New Smyrna Beach, Florida 32169

April 20, 1998

Dear Tom,

Thank you for the opportunity to speak before the Smyrna Surfari Club regarding the Ponce de Leon Port Authority and the U.S. Corps of Engineers plans for stabilization of Ponce de Leon Inlet. I very much appreciate the interests of the surfing community in Southeast Volusia that your group represents having myself grown up surfing and fishing on the beaches of New Smyrna.

As I promised you I have contacted the Corps since our meeting to address the questions you-all had about the planned South Jetty construction and this letter will serve as the response.

Regarding how the South Jetty extension work would be accomplished the complete answer has yet to be determined. It could however, have an overland component whereby granite jetty rocks and or equipment would be transported to the existing jetty by truck. This of course would involve construction of an adequate roadway out to the project on an existing COE easement alongside the old South Jetty. The Corps would prefer that this roadway easement remain accessible for their use to facilitate access to the channel works features for future maintenance but does not typically maintain these easements for public use. As far as becoming a permanent public roadway allowing surfers access to the South Jetty, that would naturally entail pre-construction discussion and agreement-making among a variety of agencies and groups that would have a stake in the project. Additionally, the final construction method is determined by the construction contractor and not necessarily the Corps. In other words, the Corps explains in their bid specs what they want done and it's up to the private contractor to determine how it will be accomplished, whether by trucks overland or by a barge and crane on the water.

Regarding when the project will begin, again there are some variables. The project must first be Authorized by the U.S. COE and by Congress through the Water Resources Development Act (WRDA). Efforts are being made at all levels to get the South Jetty project included in the WRDA-'98 Authorization Bill. This would allow the U.S. COE to move forward on the Plans, Specifications, and Design (PED) for the South Jetty work aiming towards Congressional Appropriation of funding for the project. The bottom line is that under the best circumstances, a start date of the year 2000 is possible. Bear in mind however, that the WRDA Act comes up for authorization every two years and if we miss WRDA-'98 we have to shoot for WRDA-2000 which could set us up for a one-year delay.

I also called back Mr. Jeff Clark with your organization after having discussed his project engineering ideas and concerns with a U.S. COE representative. I passed on to him the name and phone number of a Jacksonville District COE staff member who has since contacted Mr. Clark and discussed the South Jetty project engineering with him.

Tom, I hope this addresses your groups questions. Again, I greatly appreciate your interest in this project and please feel free to call me for any further information you may need.

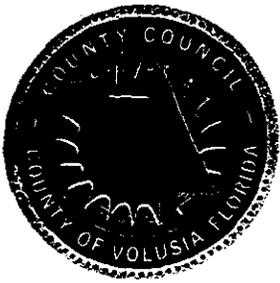
Sincerely,

Joe Nolin  
Ponce de Leon Port Authority

cc: Dan O'Brien, Director, Ponce de Leon Port Authority  
Jamie Seaman, Director, VC-Economic Resources Service Center  
Patrick Bowls, Congressional Aide--Representative John Mica  
C.J. Drake, Congressional Aide--Representative John Mica  
Tom Smith, U.S. COE--Jacksonville District Office  
Mr. Tim Murphy, U.S. COE--Jacksonville District Office



Printed On  
Recycled Paper



# County of Volusia

Tim M  
3

## Ponce DeLeon Port Authority

700 Catalina Drive, Suite 126 • Daytona Beach, Florida 32114  
Telephone: (904) 248-8072 • Fax: (904) 248-8075

Mr. Richard E. Bonner, P.E.  
Deputy District Engineer for Project Management  
Department of the Army  
Jacksonville District Corps of Engineers  
Programs and Project Management Division  
Project Management Branch  
P.O. Box 4970  
Jacksonville, Florida 32232-0019

January 11, 1999

Dear Mr. Bonner,

Please accept this letter verifying the financial capability and commitment of the Ponce de Leon Port Authority as the "Local Sponsor" for the USACE Channel Works at Ponce de Leon Inlet.

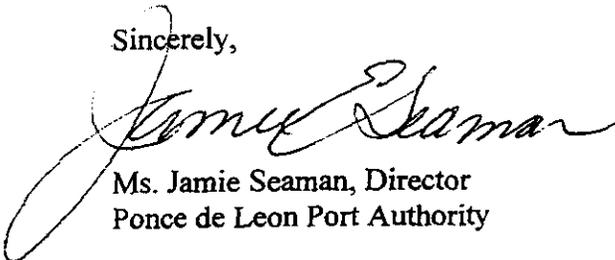
The final feasibility study for Ponce de Leon Inlet calls for a 1,000-foot eastward extension of the south jetty. The initial cost for this new channel works feature is approximately \$ 5,500,000 with the project sponsor's share of these costs estimated to be \$ 2,500,000.

Additionally, the project sponsor's share of all future maintenance of this feature is \$ 180,000. These funds are to be forwarded to the USACE prior to the construction contract advertisement currently scheduled for March, 2000.

With understanding of the above, please accept this letter as verification that the Ponce de Leon Port Authority supports the USACE recommended plan, has the project construction and maintenance cost-share funds available, and will continue to be the "Local Sponsor" for this project.

We sincerely appreciate your continued efforts on behalf of the stabilization of Ponce de Leon Inlet. Please call for any further information or assistance you may need.

Sincerely,



Ms. Jamie Seaman, Director  
Ponce de Leon Port Authority

cc: Mr. Tim Murphy, U.S.-COE Jacksonville District Project Manager  
Ponce de Leon Inlet  
Mr. Joe Nolin, Special Projects Manager  
Ponce de Leon Port Authority





# FLORIDA AUDUBON SOCIETY

March 17, 1995

A.J. Salem  
Department of the Army  
Jacksonville District Corps of Engineers  
P.O. Box 4970  
Jacksonville, Fl 32232-0019

Re: Ponce de Leon Inlet Improvements

Dear Mr. Salem:

The Florida Audubon Society is pleased to review the proposed Ponce de Leon Inlet improvements, as requested by the Army Corps of Engineers. After reviewing the Reconnaissance Report dated January 1993 and the February 7, 1995 correspondence, it appears that a channel may be constructed in the potential breakthrough area. If this alternative is selected, the vegetation in the area of the channel should be relocated to another site at Lighthouse Point Park to aid in stabilization and habitat creation.

Since the sand spit area is included in the Lighthouse Point Park, public access should be provided to the spit if the channel severs the park. However, public access should not impact the wintering and breeding behavior of listed shorebirds, terns and gulls. To avoid disturbance during the breeding season, March 1 through July 31, public access should be restricted to areas that are at least 100 yards from the nesting colony. Florida Audubon Society concur with the recommendations of the Florida Game and Fresh Water Fish Commission in relation to the timing and location of construction during the shorebird nesting season.

Although the modeling has not been completed for the alternatives discussed in the Reconnaissance Report, I would like to recommend that the model analyze the long term consequences of the proposed alternatives on beach shoreline erosion. Since beach shoreline erosion negatively effects listed sea turtle populations and existing residential development, the results of the model should be reviewed closely.

Please continue to inform Florida Audubon Society on the projects associated with Ponce de Leon Inlet. Please address questions or comments concerning this letter to me at 407/260-8300.

Sincerely,

Jody Rosier  
Permit Coordinator

The Voice of Conservation Since Nineteen Hundred

460 HWY. 436 • SUITE 200 • CASSELBERRY, FL 32707-4939 • (407) 260-8300 • FAX (407) 260-9652



LAWTON CHILES  
GOVERNOR

STATE OF FLORIDA

# Office of the Governor

THE CAPITOL  
TALLAHASSEE, FLORIDA 32399-0001

November 18, 1992

Mr. A. J. Salem  
Chief, Planning Division  
Department of the Army  
Jacksonville District Corps  
of Engineers  
Post Office Box 4970  
Jacksonville, Florida 32232-0019

RE: Reconnaissance-Level Report on Proposed Inlet Improvements  
at Ponce de Leon Inlet, Volusia County, Florida

SAI: FL9210021642C

Dear Mr. Salem:

The Florida State Clearinghouse, pursuant to Presidential Executive Order 12372, Gubernatorial Executive Order 83-150, the Coastal Zone Management Act Reauthorization Amendments of 1990 and the National Environmental Policy Act, has coordinated a review of the above referenced project.

Pursuant to Presidential Executive Order 12372, the project will be in accord with State plans, programs, procedures and objectives when consideration is given to and action taken on the enclosed comments and requirements of our reviewing agencies.

The Department of Environmental Regulation (DER) notes the following general concerns that should be addressed in the study and subsequent environmental documents: current status of the inlet that necessitates alteration of the environment; identification of resources at risk under each alternative; secondary and cumulative impacts resulting from each alternative; non-structural alternatives; and mitigation for unavoidable resource impacts. The DER recommends close coordination with the permitting staff in the DER Bureau of Wetland Resource Management to develop alternatives consistent with the provisions of Chapter 403, Florida Statutes. Please refer to the enclosed DER comments.

The Department of Natural Resources (DNR) indicates that the report must be coordinated closely with the inlet management plan, and should address the following concerns: expand alternatives to include the null alternative and channel realignment; beach renourishment should be considered separately or in combination with the proposed alternatives; justification for the inlet armoring must be fully substantiated by economic

Mr. A. J. Salem  
Page Two

and navigation safety needs; environmental assessments should include consideration of marine turtle and manatee construction impacts, changes to physical and chemical characteristics of associated estuaries and the use of the inlet area by colonial seabirds. Please refer to the enclosed DNR comments.

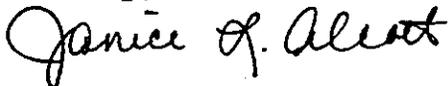
Please refer to the enclosed comments provided by the Department of State (DOS) noting that the proposed project is located in an area with a high potential for submerged cultural resources. The DOS indicates that although no historic properties are currently recorded within the proposed project area, a survey to locate possible submerged cultural resources may be required.

The Game and Fresh Water Fish Commission (GFWFC) indicates that construction activities in the vicinity of the sand spit adjacent to the north jetty should take place outside of the seasonal window from March 1 through July 31 or while maintaining a disturbance buffer of at least 100 yards from nests during the nesting season. Please refer to the enclosed GFWFC comments.

The State of Florida has completed a review of the consistency determination for this project and, based on the information available at this time, agrees that the project, at this stage, is consistent with the Florida Coastal Management Program. However, certain issues of concern have been identified by our reviewing agencies which will require resolution in federal consistency reviews conducted at subsequent decision points. Pursuant to 15 CFR 930.34 and .37, you should prepare a consistency determination at each major decision point for the State's review. Continued State agreement will be based, in part, on adequate reconciliation of previously identified concerns.

This letter reflects your compliance with Presidential Executive Order 12372.

Sincerely,



Janice L. Alcott, Director  
State Clearinghouse

JLA/bl.

Enclosure(s)

cc: Department of Environmental Regulation  
Department of Natural Resources  
Department of State  
Game and Fresh Water Fish Commission  
St. Johns River Water Management District  
Department of Commerce



# Office of the Governor

THE CAPITOL

TALLAHASSEE, FLORIDA 32399-0001

Date: OCT-07-1992

LAWTON CHILES  
GOVERNOR

Comment Due Date: OCT-21-1992

SAIF# FL92100216420

STATE AGENCIES	STATE AGENCIES	OPB POLICY UNITS
<input checked="" type="checkbox"/> Agriculture/Forestry	<input checked="" type="checkbox"/> Marine Fisheries Commission	<input type="checkbox"/> Criminal Justice
<input type="checkbox"/> Board of Regents	<input checked="" type="checkbox"/> Natural Resources	<input type="checkbox"/> Education
<input checked="" type="checkbox"/> Commerce	<input checked="" type="checkbox"/> State	<input type="checkbox"/> Environmental/C & ED
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<input checked="" type="checkbox"/> Game & Fish Comm.	<input type="checkbox"/>	<input type="checkbox"/> SCH
<input type="checkbox"/> Health & Rehab. Services		<input checked="" type="checkbox"/> SCHCON
<input type="checkbox"/> Highway Safety	LOCAL/OTHER	
<input type="checkbox"/> Labor & Employment	<input type="checkbox"/> RPOV	
<input type="checkbox"/> Law Enforcement	<input checked="" type="checkbox"/> WMD <u>SJR</u>	
	<input type="checkbox"/>	

9

The attached document requires a Coastal Zone Management Act/Florida Coastal Management Program consistency evaluation and is categorized as one of the following:

- Federal Assistance to State or Local Governments (15 CFR 930, Subpart F). State agencies are required to evaluate the consistency of the activity.
- Direct Federal Activity (15 CFR 930, Subpart C). Federal agencies are required to furnish a consistency determination for the State's concurrence or objection.
- Outer Continental Shelf Exploration, Development or Production Activities (15 CFR 930, Subpart E). Operators are required to provide a consistency certification for state concurrence/objection.
- Federal Licensing or Permitting Activity (15 CFR 930, Subpart D). Such projects will only be evaluated for consistency when there is not an analogous state license or permit.

SEE REVERSE SIDE FOR INSTRUCTIONS.

To: State Clearinghouse  
 Executive Office of the Governor-OPB  
 Room 411, Carlton Building  
 Tallahassee, Florida 32399-0001  
 (904)486-2114 (Suncom 275-2114)

From: DHR

Division/Bureau Executive Office

Reviewer: Fritz Klettstein

Date: 11/6/92

<u>EO. 12372</u>	<u>Federal Consistency</u>
<input type="checkbox"/> No Comment	<input checked="" type="checkbox"/> No Comment/ Consistent
<input checked="" type="checkbox"/> Comments Attached	<input type="checkbox"/> Consistent/ Comments Attached
<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Inconsistent/ Comments Attached



FLORIDA DEPARTMENT OF STATE

Jim Smith  
Secretary of State

DIVISION OF HISTORICAL RESOURCES

R.A. Gray Building  
500 South Bronough

Tallahassee, Florida 32399-0250

Director's Office

Telecopier Number (FAX)

(904) 488-1480

(904) 488-3353

PFN: 922968

In Reply Refer To:  
Susan Hammersten  
Compliance Review  
Section, DHR  
(904) 487-2333

October 27, 1992

Ms. Janice L. Alcott, Director  
State Clearinghouse  
Executive Office of the Governor, OPB  
Room 411, Carlton Building  
Tallahassee, Florida 32399-0001

RECEIVED  
OCT 29 1992  
STATE CLEARINGHOUSE

RE: SAI# FL9210021642C  
Improvements to the Ponce de Leon Inlet  
Volusia County, Florida

Dear Ms. Alcott:

In accordance with the provisions of Florida's Coastal Zone Management Act and Chapter 267, Florida Statutes, as well as the procedures contained in 36 C.F.R., Part 800 ("Protection of Historic Properties"), we have reviewed the above referenced project(s) for possible impact to historic properties listed, or eligible for listing, in the National Register of Historic Places.

It is the opinion of this office that all of the project alternatives under consideration by the Corps have the potential to adversely affect historic properties. The project is located in an area with a high potential for submerged cultural resources. Therefore, although no historic properties are currently recorded within the project area, a survey to locate such properties may be required.

We look forward to reviewing the final specifications for the project once they have been selected. If you have any questions concerning our comments, please do not hesitate to contact us. Your interest in protecting Florida's historic properties is appreciated.

Sincerely,

*George W. Percy*  
George W. Percy, Director  
Division of Historical Resources

and  
State Historic Preservation Officer

GWP/Hsh

10-29



# Office of the Governor

THE CAPITOL  
TALLAHASSEE, FLORIDA 32399-0001

RECEIVED  
10-12-92

Date: OCT-07 1992

Comment Due Date: OCT-21 1992

SAI# FL92100216420

LAWTON CHILES  
GOVERNOR

STATE AGENCIES	
<input checked="" type="checkbox"/>	Agriculture/Forestry
<input type="checkbox"/>	Board of Regents
<input checked="" type="checkbox"/>	Commerce
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<input type="checkbox"/>	Education
<input checked="" type="checkbox"/>	Environmental Regulation
<input checked="" type="checkbox"/>	Game & Fish Comm.
<input type="checkbox"/>	Health & Rehab. Services
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<input type="checkbox"/>	Law Enforcement

STATE AGENCIES	
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LOCAL/OTHER	
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OPB POLICY UNITS	
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<input type="checkbox"/>	Health & Human Services
<input type="checkbox"/>	Revenue & Eco. Analysis
<input type="checkbox"/>	SCH
<input checked="" type="checkbox"/>	SCH/CON

The attached document requires a Coastal Zone Management Act/Florida Coastal Management Program consistency evaluation and is categorized as one of the following:

- Federal Assistance to State or Local Governments (15 CFR 930, Subpart F). State Agencies are required to evaluate the consistency of the activity.
- Direct Federal Activity (15 CFR 930, Subpart C). Federal agencies are required to furnish a consistency determination for the State's concurrence or objection.
- Outer Continental Shelf Exploration, Development or Production Activities (15 CFR 930, Subpart E). Operators are required to provide a consistency certification for state concurrence/objection.
- Federal Licensing or Permitting Activity (15 CFR 930, Subpart D). Such projects will only be evaluated for consistency when there is not an analogous state license or permit.

SEE REVERSE SIDE FOR INSTRUCTIONS.

To: State Clearinghouse  
Executive Office of the Governor-OPB  
Room 411, Carlton Building  
Tallahassee, Florida 32399-0001  
(904)486-2114 (Suncom 275-2114)

From: FLA DEPT OF COMM  
Division/Bureau Econ Developm/BEA

Reviewer: R Peterson JW

Date: OCT 12, 1992

EO. 12572

Federal Consistency

No Comment

No Comment/  
Consistent

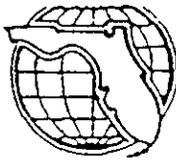
Comments Attached

Consistent/  
Comments Attached

Not Applicable

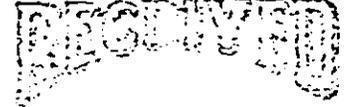
Inconsistent/  
Comments Attached

file



STATE OF FLORIDA DEPARTMENT OF COMMERCE  
Division of Economic Development

October 12, 1992



OCT 23 1992

Ms. Janice L. Alcott, Director  
State Clearinghouse  
Office of Planning and Budgeting  
Executive Office of the Governor  
The Capitol  
Tallahassee, Florida 32399-0001

STATE CLEARINGHOUSE

RE: SAI# FL 92 10 02 1642C (Ponce de Leon Inlet/Volusia County)

Dear Ms. Alcott:

We appreciate being asked to review this request for comments from the U. S. Army Corps of Engineers. Improvements are being planned at Ponce de Leon Inlet in Volusia County. Under consideration are lengthening a jetty, rebuilding damaged areas, and constructing a groin field and a storm revetment.

At the planning stage, pursuing this project is consistent with the economic criteria of those portions of the Coastal Zone Management Act of 1972 and the Florida Coastal Management Program for which the Department of Commerce has responsibility.

Very respectfully,

Wynnette Wilson  
Economist Supervisor  
Bureau of Economic Analysis

WW/rdp

Director's  
Office  
904/488-6500

Business  
Assistance  
904/488-9357

Economic  
Analysis  
904/487-2568

Industry  
Development  
904/488-9360

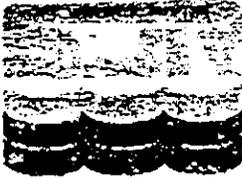
Motion Picture  
and Television  
904/487-1100

International  
Trade and  
Development  
904/488-6124

COLLINS BUILDING

TALLAHASSEE, FLORIDA 32399-2000

FAX 904/487-1407



**WATER  
MANAGEMENT  
DISTRICT**

Henry Dean, Executive  
John R. Wehle, Assistant Executive

POST OFFICE BOX 1429 PALATKA, FLORIDA 32178  
TELEPHONE 904/329-4500 SUNCOM 904/860-4500  
FAX (EXECUTIVE/LEGAL) 329-4125 (PERMITTING) 329-4315 (ADMINISTRATION/FINANCE)  
FIELD STATIONS

November 16, 1992

618 E. South Street 7775 Baymeadows Way PERMITTING: OPERATIONS:  
Orlando, Florida 32801 Suite 102 305 East Drive 2135 N. Wickham Pk.  
407/864-6423 Jacksonville, Florida 32254 Melbourne, Florida 32904 Melbourne, Florida 3  
904/730-8270 407/864-4940 407/254-1762

State Clearinghouse  
Executive Office of the Governor, OPB  
Room 411, Carlton Building  
Tallahassee, FL 32399-0001

Re: SAI #FL9210021642C; Ponce de Leon Inlet improvements.

Dear Sir or Madam:

The St. Johns River Water Management District is pleased to review proposed Ponce de Leon Inlet improvements, as requested by the State Clearinghouse. We believe this project would be consistent with District rules and policies on condition that the construction details conform with criteria to be defined by the Florida Department of Environmental Regulation (FDER).

Whereas it was difficult to fully assess the project from the description provided, we doubt the proposed work would be subject to regulation by the District. Under Section III. 2.(f) of the Operating Agreement between the District and the FDER, the District does not review dredge-and-fill issues for public works projects not requiring a Management and Storage of Surface Waters (MSSW) permit. Hence, the construction of jetties, groins, dolphins, breakwaters, boat ramps, seawalls, etc., in state waters shall be authorized exclusively by the FDER. (This agreement is effective after November 15, 1992.)

Should any aspect of the project change so as to require an MSSW, the District can meet with the Army Corps of Engineers to identify fully any subsequent permit requirements. Please direct any questions to Lee Kissick, Environmental Specialist (407) 897-4337 (Suncom 342-4337).

Sincerely,

*Lee Kissick*, for

Lance D. Hart, Lead Environmental Specialist  
Department of Resource Management

**RECEIVED**  
NOV 17 1992  
STATE CLEARINGHOUSE

LDH:db

cc: David Dewey  
Pat Frost  
Lee Kissick  
Glenn Lowe

Post-It™ brand fax transmittal memo 7671 # of pages 1

To	State Clearinghouse	From	Lance Hart
Co.		Co.	SJRWMD
Dept.		Phone #	
Fax #	904-922-6200	Fax #	SunCom 342-4337

Joe E. Hill, CHAIRMAN LEESBURG Joseph D. Collins, VICE CHAIRMAN JACKSONVILLE Jesse J. Parrish, III, TREASURER TITUSVILLE Lenora N. McCullough, SECRETARY ORANGE PARK  
Terrill C. Fore, Ocala Ralph E. Simmons, FERNANDINA BEACH Sandra H. Gray, DE BARY Patricia T. Hardon James H. Williams

FLORIDA GAME AND FRESH WATER FISH COMMISSION

DON WRIGHT  
Orlando

QUINTON L. HEDGEPEATH, DDS  
Miami

MRS. GILBERT W. HUMPHREY  
Mecosta

JOE MARLIN HILLIARD  
Clewiston

BEN ROY  
Gainesville

ROBERT M. BRANTLY, Executive Director  
ALLAN L. EGBERT, Ph. D., Assistant Executive Director



FARRIS BRYANT BUILDING  
620 South Meridian Street  
Tallahassee, Florida 32399-1600  
(904) 488-1960

October 29, 1992

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NOV 2 1992

STATE CLEARINGHOUSE

Ms. Janice L. Alcott, Director  
Florida State Clearinghouse  
Executive Office of the Governor  
Office of Planning and Budgeting  
The Capitol  
Tallahassee, Florida 32399-0001

RE: SAI #FL9210021642C, Volusia  
County, Inlet improvements at  
Ponce de Leon Inlet

Dear Ms. Alcott:

The Office of Environmental Services of the Florida Game and Fresh Water Fish Commission (GFC) has reviewed the proposed project and offers the following comments.

The proposed project would take place at Ponce de Leon Inlet in Volusia County, Florida. Several inlet improvement alternatives are being considered by the U.S. Army Corps of Engineers. Construction improvements to the south jetty would be facilitated by driving over the jetty or from a barge, while improvements to the north jetty would be accomplished via a barge. Proposed construction improvements include: 1) a 1,000-foot extension of the south jetty, 2) a scour apron 30 feet wide and 3 feet thick along the north jetty, 3) rebuilding damaged portions of the north jetty with about 1,000 cubic yards of stone, 4) construction of a groin field along the sand spit adjacent to the north jetty, and 5) construction of a storm revetment to seal a potential breach along the sand spit adjacent to the north jetty.

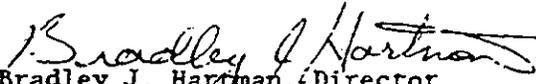
The sand spit adjacent to the north jetty is excellent habitat for both wintering and breeding species of shorebirds, terns, and gulls. Some of these species are listed by the GFC as endangered (E), threatened (T), or species of special concern (SSC).

During the non-nesting period, this habitat would provide resting and roosting opportunities for a host of bird species including brown pelican (SSC), American oystercatcher (SSC), and piping plover (T). During the spring nesting season, this area should be monitored for the presence of least terns

Ms. Janice L. Alcott  
October 29, 1992  
Page 2

(T) and American oystercatchers. These species can be expected to engage in breeding activities from March 1 through July 31. Because they are especially sensitive to disturbance during this time, construction activities in the vicinity of the sand spit adjacent to the north jetty should take place outside of this seasonal window or while maintaining a disturbance buffer of at least 100 yards from nests during the nesting season.

Sincerely,

  
Bradley J. Hartman, Director  
Office of Environmental Services

BJH/BT/rs  
ENV 1-3-2  
ponce

cc: U.S. Army Corps of Engineers, Jacksonville



Office of the Governor

THE CAPITOL

TALLAHASSEE, FLORIDA 32399-0001

Date: OCT-07 1992

LAWTON CHILES  
GOVERNOR

Comment Due Date: OCT-21 1992

SAIF# FL92100216420

STATE AGENCIES	STATE AGENCIES	OPB POLICY UNITS
<input checked="" type="checkbox"/> Agriculture/Forestry	<input checked="" type="checkbox"/> Marine Fisheries Commission	<input type="checkbox"/> Criminal Justice
<input type="checkbox"/> Board of Regents	<input checked="" type="checkbox"/> Natural Resources	<input type="checkbox"/> Education
<input checked="" type="checkbox"/> Commerce	<input checked="" type="checkbox"/> State	<input type="checkbox"/> Environmental/C & ED
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<input checked="" type="checkbox"/> Game & Fish Comm.	<input type="checkbox"/>	<input type="checkbox"/> SCS
<input type="checkbox"/> Health & Rehab. Services	<b>LOCAL/OTHER</b>	<input checked="" type="checkbox"/> SCH/CON
<input type="checkbox"/> Highway Safety	<input type="checkbox"/> RPEV	
<input type="checkbox"/> Labor & Employment	<input checked="" type="checkbox"/> WMD SJR	
<input type="checkbox"/> Law Enforcement	<input type="checkbox"/>	

The attached document requires a Coastal Zone Management Act/Florida Coastal Management program consistency evaluation and is categorized as one of the following:

- Federal Assistance to State or Local Governments (15 CFR 930, Subpart F). State agencies are required to evaluate the consistency of the activity.
- Direct Federal Activity (15 CFR 930, Subpart C). Federal agencies are required to furnish a consistency determination for the State's concurrence or objection.
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- Federal Licensing or Permitting Activity (15 CFR 930, Subpart D). Such projects will only be evaluated for consistency when there is not an analogous state license or permit.

SEE REVERSE SIDE FOR INSTRUCTIONS.

To: State Clearinghouse Executive Office of the Governor-OPB Room 411, Carlton Building Tallahassee, Florida 32399-0001 (904)486-8114 (Suncom 276-8114)	EO. 12372	<u>Federal Consistency</u>
From: DWR	<input type="checkbox"/> No Comment	<input checked="" type="checkbox"/> No Comment/Consistent
Division/Bureau: <u>Executive Office</u>	<input checked="" type="checkbox"/> Comments Attached	<input type="checkbox"/> Consistent/Comments Attached
Reviewer: <u>Fritz Klettstein</u>	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Inconsistent/Comments Attached
Date: <u>11/6/92</u>		

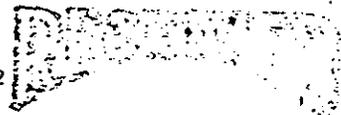


# FLORIDA DEPARTMENT OF NATURAL RESOURCES

Marjory Stoneman Douglas Building  
3900 Commonwealth Boulevard  
Tallahassee, Florida 32399

Lawton Chiles  
Governor  
Jim Smith  
Secretary of State  
Bob Butterworth  
Attorney General  
Gerald Lewis  
State Comptroller  
Tom Gallagher  
State Treasurer  
Bob Crawford  
Commissioner of Agriculture  
Betty Castor  
Commissioner of Education

November 6, 1992



NOV 9 1992

STATE CLEARINGHOUSE

Ms. Janice Alcott  
State Clearinghouse  
Office of Planning and Budget  
Executive Office of the Governor  
The Capitol  
Tallahassee, Florida 32399-0001

RE: USACE-SAJ Reconnaissance Report, Ponce de Leon Inlet

SAI: FL9210021642C

Dear Ms. Alcott:

The Department of Natural Resources has reviewed the above referenced document as requested. Due to insufficient information, and the fact that an approved inlet management plan is not available at this time, the Department will not comment on the federal consistency of the proposed alternatives. The report must be coordinated closely with the inlet management plan, and should address the following concerns.

Alternatives should be expanded to include the null alternative and channel realignment. In addition, currently the State is reviewing a proposal to place dredged material on the shoreline area in question. Beach nourishment should be considered separately or in combination with the proposed alternatives. Justification for the inlet armoring must be fully substantiated by economic and navigation safety needs. Environmental assessments should include consideration of marine turtle and manatee construction impacts, changes to physical and chemical characteristics of associated estuaries, and the use of the inlet area by colonial seabirds.

Thank you for your time and the opportunity to provide comments on this project. Please address questions or comments concerning this letter to me at 904/488-1555.

Sincerely,  
  
John F. Wettstein  
Senior Management Analyst

cc: Ed Conklin, DNR-DMR  
Kirby Green, DNR-DBS  
Dan O'Brien, Ponce de Leon Port Authority  
A.J. Salem, USACE-SAJ-PD  
Frank Votra, DNR-DSL



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-24

Lawton Chiles, Governor

Carol M. Browner, Secretary

PANAFAX TRANSMITTAL FORM

FAX # 904/467-4938

(SUNCOM) 277-4938

DATE: 17 NOV 92

TO: Barbara Leighty

ORGANIZATION: State Clearinghouse

FAX #: 488-9005

PHONE #: 488-8114

NUMBER OF PAGES (including cover sheet): 2

FROM: Susan Coggin

OFFICE: Intergovernmental Programs

PHONE #: 488-0784

IF ANY OF THE PAGES ARE NOT CLEARLY RECEIVED, PLEASE CALL THE PERSON LISTED ABOVE OR

\_\_\_\_\_ AT \_\_\_\_\_

COMMENTS: \_\_\_\_\_

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# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

16 November 1992

Carol M. Browner, Secretary

Janice L. Alcott  
Director, State Clearinghouse  
Office of Planning and Budgeting  
Budget Management and Planning Policy Unit  
Executive Office of the Governor  
The Capitol  
Tallahassee, Florida 32399-0001

RE: Reconnaissance Report, Ponce de Leon Inlet Proposed  
Improvements, Volusia County  
SAI: FL9210021642C

Dear Ms. Alcott,

The US Army Corps of Engineers (COE) is gathering information on issues and concerns regarding proposed improvements to Ponce de Leon Inlet. The brief notice issued by the COE does not provide sufficient information on the current situation at the inlet for our office to respond in detail to the proposed improvements.

Given this caveat, general concerns that should be addressed in detail in the study and subsequent environmental documents include: 1) the current status of the inlet that necessitates alteration of the environment; 2) identification of resources that will be at risk under each alternative; 3) the secondary and cumulative impacts that will result from each alternative; 4) non-structural alternatives; and 5) mitigation for unavoidable resource impacts.

We appreciate the opportunity to review the reconnaissance study when it is available. We recommend close coordination with the permitting staff in the Bureau of Wetland Resource Management (DER, Tallahassee) to develop alternatives consistent with the provisions of Chapter 403, Fla. Statutes. If you should have any questions concerning this letter, please call me at 904/488-0784.

Sincerely,

Susan Goggin  
Environmental Specialist  
Office of Intergovernmental Programs

SEG:LG:s



## FLORIDA DEPARTMENT OF STATE

Jim Smith  
Secretary of State

## DIVISION OF HISTORICAL RESOURCES

R.A. Gray Building  
500 South Bronough

Tallahassee, Florida 32399-0250

Director's Office

Telecopier Number (FAX)

(904) 488-1480

(904) 488-3353

July 7, 1994

Mr. Bruce Piatek  
Bruce Piatek & Associates  
13 Marilyn Avenue  
St. Augustine, FL 32084

In Reply Refer To:  
Susan M. Herring  
Historic Preservation  
Planner  
(904) 487-2333  
Project File No. 942168

RE: *Archaeological and Historical Survey of Lighthouse Point  
Park, Ponce Inlet, Volusia County, Florida (Bruce John  
Piatek, November 1993)*

Dear Mr. Piatek:

In accordance with this agency's responsibilities under Section 267.061, Florida Statutes, we have reviewed the referenced survey report and find it complete and sufficient. We note that one new site, 8V05253, Hotel Inlet Terrace, was encountered. We concur with the archaeologist's determination that this site is not significant.

Thus, it is the opinion of this agency that park development activities will have no effect on any historic properties listed, or eligible for listing, in the National Register of Historic Places, or otherwise of historic or archaeological value, and may proceed.

If you have any questions concerning our comments, please do not hesitate to contact us. Your interest in protecting Florida's historic properties is appreciated.

Sincerely,

*for* *Laura A. Kammerer*  
George W. Percy, Director  
Division of Historical Resources

GWP/Hsh

*Ci Ginny Kent*



FLORIDA DEPARTMENT OF STATE

Sandra B. Mortham  
Secretary of State

DIVISION OF HISTORICAL RESOURCES

R.A. Gray Building  
500 South Bronough Street  
Tallahassee, Florida 32399-0250

Director's Office  
(904) 488-1480

Telecopier Number (FAX)  
(904) 488-3353

September 20, 1995

Mr. A. J. Salem, Chief  
Planning Division, Environmental Resources Brance  
Jacksonville District Corps of Engineers  
P.O. Box 4970  
Jacksonville, Florida 32232-0019

In Reply Refer To:  
Frank J. Keel  
Historic Sites Specialist  
(904) 487-2333  
Project File No. 952959

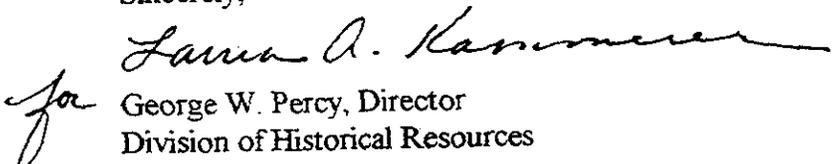
RE: Cultural Resource Assessment Review Request  
*Diver Investigations of Seven Potentially Significant Magnetic Anomalies in the  
Vicinity of Ponce de Leon Inlet, Volusia County, Florida.* By Mid-Atlantic  
Technology, July 30, 1995

Dear Mr. Salem:

In accordance with the procedures contained in 36 C.F.R., Part 800 ("Protection of Historic Properties"), we have reviewed the results of the referenced investigations conducted by Mid-Atlantic Technology and find them to be complete and sufficient. The investigations concluded the previously identified magnetic anomalies as modern debris. Therefore, it is the opinion of this agency that the proposed undertaking will have no effect on any sites listed, or eligible for listing, in the *National Register of Historic Places*.

If you have any questions concerning our comments, please do not hesitate to contact us. Your interest in protecting Florida's historic properties is appreciated.

Sincerely,

  
George W. Percy, Director  
Division of Historical Resources  
and  
State Historic Preservation Officer

GWP/Kfk



STATE OF FLORIDA  
DEPARTMENT OF COMMUNITY AFFAIRS

2740 CENTERVIEW DRIVE • TALLAHASSEE, FLORIDA 32399-2100

LAWTON CHILES  
Governor

LINDA LOOMIS SHELLEY  
Secretary

April 7, 1995

Mr. A.J. Salem  
Army Corps of Engineers  
Jacksonville District  
Post Office Box 4970  
Jacksonville, FL 32232-0019

RE: Navigation Projects - Scoping Letter for Feasibility  
Report - Ponce de Leon Inlet Improvements - Volusia  
County, Florida  
SAI: FL9210051642CR

Dear Mr. Salem:

The Florida State Clearinghouse, pursuant to Presidential Executive Order 12372, Governor's Executive Order 93-194, the Coastal Zone Management Act, 16 U.S.C. §§ 1451-1464, as amended, and the National Environmental Policy Act, 42 U.S.C. §§ 4321, 4331-4335, 4341-4347, as amended, has coordinated a review of the above-referenced project.

The Department of Environmental Protection (DEP) indicates that Alternative A may result in adverse impacts to marine turtle nesting habitat. Therefore, the Corps of Engineers (Corps) is advised to evaluate the potential shoreline response for Alternative A and to coordinate project planning with the DEP's Office of Protected Species. Please refer to the enclosed DEP comments.

The Department of State (DOS) indicates that the Corps is required to provide the results of the magnetometer survey to the DOS for review. The Corps is also required to consult with the DOS regarding avoidance or mitigation of any impacts to any historic site located in the project area. Please refer to the enclosed DOS comments.

Based on the available information and the enclosed comments provided by our reviewing agencies, the state has determined that, at this stage, the above-referenced project is consistent with the Florida Coastal Management Program (FCMP). All subsequent environmental documents prepared for this project

EMERGENCY MANAGEMENT • HOUSING AND COMMUNITY DEVELOPMENT • RESOURCE PLANNING AND MANAGEMENT

Mr. A.J. Salem

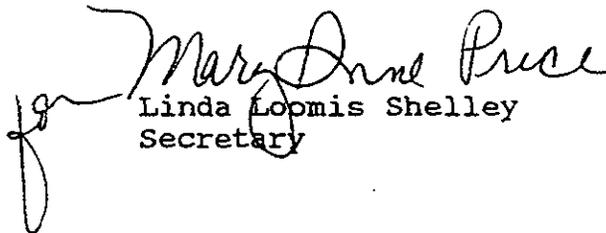
April 7, 1995

Page Two

must be reviewed to determine the project's continued consistency with the FCMP. All future documents prepared for this project must be submitted to the Florida State Clearinghouse for interagency review. The state's continued concurrence with the project will be based, in part, on the adequate resolution of issues identified during this and subsequent reviews.

In addition, the Department of Community Affairs (Department) notes that the area proposed for improvement is located within the federal Coastal Barrier Resources System Unit P08 which was designated under the Coastal Barrier Resources Act (CBRA). The Corps is advised to consult with Mr. James Pulliam, Jr., U.S. Department of Interior, Fish and Wildlife Service, Region 4, regarding the applicability of the CBRA requirements to this project. Please refer to the Department's enclosed comments.

Very truly yours,

  
Linda Loomis Shelley  
Secretary

LLS/rk

Enclosures

cc: Carliane Johnson, Department of Environmental Protection  
George Percy, Department of State



# Department of Environmental Protection

Lawton Chiles  
Governor

Marjory Stoneman Douglas Building  
3900 Commonwealth Boulevard  
Tallahassee, Florida 32399-3000

Virginia B. Wethere  
Secretary

March 20, 1995

**RECEIVED**

MAR 22 1995

Suzanne Traub-Metlay  
State Clearinghouse  
Executive Office of the Governor  
The Capitol  
Tallahassee, Florida 32399-0001

Florida Coastal  
Management Program

RE: COE/Navigation Study for Ponce de Leon Inlet, Volusia County  
SAI: FL9210051642CR

Dear Ms. Traub-Metlay:

The Department has reviewed the referenced notice to conduct additional studies associated with the Ponce de Leon Inlet Feasibility Study, funded in part by the Department. Specifically, two additional alternatives will be investigated; A) the reopening of the weir on the north jetty, and B) the construction of a channel through the north interior spit.

*REOPENING N. JETTY WEIR*

The Office of Protected Species Management (OPSM) states that there would be very substantive concerns with Alternative A because such a weir may adversely impact marine turtle nesting habitat on the beach north of the inlet and from potential impacts associated with the additional maintenance dredging when the sand trap inside the inlet filled. The continued study of Alternative A should carefully consider the increased dredging requirements and perform computer assisted modeling of the shoreline in response to such an option. The OPSM has identified no marine turtle issues in association with the additional inlet stabilization as proposed with Alternative B.

*SOUTH JETTY EXTENSION*

Based on the information provided for this review, the study of the alternatives is consistent with our authorities in the Florida Coastal Management Program and with the recommendations of the Department's Ponce de Leon Inlet Management Plan.

For information regarding the Ponce de Leon Management Plan, the Corps should contact Phil Flood, Bureau of Beaches and Coastal Systems, at 904/487-1262. Questions concerning marine turtles may be directed to David Arnold, OPSM, at 904/922-4330.

Sincerely

Carliane D. Johnson  
Environmental Specialist  
Office of Intergovernmental Programs

/cdj  
cc: Phil Flood  
Ed Irby

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

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MAR 27 1995

Florida Coastal Management Program

FLORIDA DEPARTMENT OF STATE

Sandra B. Mortham  
Secretary of State

DIVISION OF HISTORICAL RESOURCES

R.A. Gray Building  
500 South Bronough Street  
Tallahassee, Florida 32399-0250

Director's Office  
(904) 488-1480

Telecopier Number (FAX)  
(904) 488-3353

March 24, 1995

Ms. Suzanne Traub-Metlay  
State Clearinghouse  
Executive Office of the Governor  
Room 1603, The Capitol  
Tallahassee, Florida 32399-0001

In Reply Refer To:  
Frank J. Keel  
Historic Sites  
Specialist  
(904) 487-2333  
Project File No. 950675

RE: Cultural Resource Assessment Request  
SAI# FL9210051642CR  
Improvements to the Ponce de Leon Inlet  
Volusia County, Florida

Dear Ms. Traub-Metlay:

In accordance with the provisions of Florida's Coastal Zone Management Act and Chapter 267, Florida Statutes, as well as the procedures contained in 36 C.F.R., Part 800 ("Protection of Historic Properties"), we have reviewed the referenced project(s) for possible impact to historic properties listed, or eligible for listing, in the National Register of Historic Places, or otherwise of historical or architectural value.

We understand that the Corps of Engineers have recently completed a magnetometer survey for this project. When a report has been completed, the Corps of Engineers will coordinate with this office concerning potential effects to historic properties.

If you have any questions concerning our comments, please do not hesitate to contact us. Your interest in protecting Florida's historic properties is appreciated.

Sincerely,

*Laura A. Kammerer*  
*for* George W. Percy, Director  
Division of Historical Resources  
and

State Historic Preservation Officer

GWP/Kfk

xc: Jasmin Raffington, FCMP-DCA  
Archaeological Research (904) 487-2299  
Florida Folklife Programs (904) 397-2192

Historic Preservation  
(904) 487-2333

Museum of Florida History  
(904) 488-1484

COUNTY: VOLUSIA

DATE: 02/27/95

COMMENT DUE DATE: 03/14/95

SAI#: FL9210051642CR

STATE AGENCIES

LOCAL/OTHER

OPB POLICY UNITS

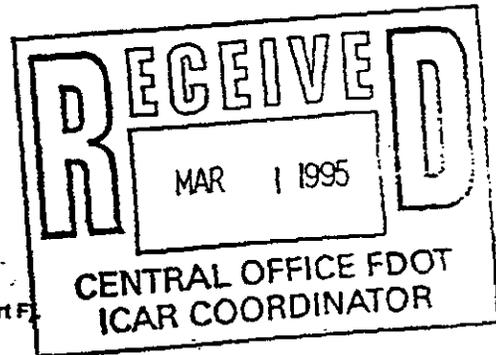
- Agriculture
- Board of Regents
- Commerce
- Community Affairs
- Education
- Environmental Protection
- Game & Fish Comm
- Health & Rehab Srv
- Highway Safety
- Labor & Employmnt
- Law Enforcement
- Marine Fish Comm
- State Library
- State
- Transportation
- Trans Disad. Comm
- DEP District

- NFWWMD
- SFWMD
- SWFWMD
- SJRWMD
- SRWMD

- Public Safety
- Education
- Environment/C & ED
- General Government
- Health & Human Srv
- Revenue & Eco. Ana
- SCH
- SCH/CON

The attached document requires a Coastal Zone Management Act/Florida Coastal Management Program consistency evaluation and is categorized as one of the following:

- Federal Assistance to State or Local Government (15 CFR 930, Subpart F). Agencies are required to evaluate the consistency of the activity.
- Direct Federal Activity (15 CFR 930, Subpart C). Federal Agencies are required to furnish a consistency determination for the State's concurrence or objection.
- Outer Continental Shelf Exploration, Development or Production Activities (15 CFR 930, Subpart E). Operators are required to provide a consistency certification for state concurrence/objection.
- Federal Licensing or Permitting Activity (15 CFR 930, Subpart D). Such projects will only be evaluated for consistency when there is not an analogous state license or permit.



MAR 9 1995

Florida Coastal Management Program

FOR CONSISTENCY PROJECTS, SEE REVERSE SIDE FOR INSTRUCTIONS.

To: State Clearinghouse  
 Executive Office of the Governor -OPB  
 Room 1603, The Capitol  
 Tallahassee, FL 32399-0001  
 (904) 488-8114 (SC 278-8114)

Florida Coastal Management Director  
 Department of Community Affairs  
 Suite 305, Rhyne Building  
 Tallahassee, FL 32399-2100  
 (904) 922-5438 (SC 292-5438)

EO. 12372/NEPA

Federal Consistency

- No Comment
- Comments Attached
- Not Applicable

- No Comment/Consistent
- Consistent/Comments Attached
- Inconsistent/Comments Attached
- Not Applicable

From:

Division/Bureau: TRANSPORTATION

Reviewer: James D. Kimbler JAMES D. KIMBLER, DISTRICT DIRECTOR OF PLANNING AND PUBLIC TRANSPORTATION

Date: 3/6/95

COUNTY: VOLUSIA

DATE: 02/27/95

COMMENT DUE DATE: 03/14/95

SAI#: FL9210051642CR

STATE AGENCIES

- Agriculture
- Board of Regents
- Commerce
- Community Affairs
- Education
- Environmental Protection
- Game & Fish Comm
- Health & Rehab Srv
- Highway Safety
- Labor & Employmnt
- Law Enforcement
- Marine Fish Comm
- State Library
- State
- Transportation
- Trans Disad. Comm
- DEP District

LOCAL/OTHER

- NWFWMD
- SFWMD
- SWFWMD
- SJRWMD
- SRWMD

OPB POLICY UNITS

- Public Safety
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- SCH
- SCH/CON

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FEB 28 1995

MARINE FISHERIES COMMISSION

The attached document requires a Coastal Zone Management Act/Florida Coastal Management Program consistency evaluation and is categorized as one of the following:

- Federal Assistance to State or Local Government (15 CFR 930, Subpart F). Agencies are required to evaluate the consistency of the activity.
- Direct Federal Activity (15 CFR 930, Subpart C). Federal Agencies are required to furnish a consistency determination for the State's concurrence or objection.
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- Federal Licensing or Permitting Activity (15 CFR 930, Subpart D). Such projects will only be evaluated for consistency when there is not an analogous state license or permit.

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MAR 4 1995

Florida Coastal Management Program

FOR CONSISTENCY PROJECTS, SEE REVERSE SIDE FOR INSTRUCTIONS.

To: State Clearinghouse  
Executive Office of the Governor -OPB  
Room 1603, The Capitol  
Tallahassee, FL 32399-0001  
(904) 488-8114 (SC 278-8114)

EO. 12372/NEPA

Federal Consistency

Florida Coastal Management Director  
Department of Community Affairs  
Suite 305, Rhyne Building  
Tallahassee, FL 32399-2100  
(904) 922-5438 (SC 292-5438)

- No Comment
- Comments Attached
- Not Applicable

- No Comment/Consistent
- Consistent/Comments Attached
- Inconsistent/Comments Attached
- Not Applicable

From:

Division/Bureau: Marine Fisheries Comm  
Reviewer: [Signature]  
Date: 3-12-95

COUNTY: VOLUSIA

RECEIVED  
2/28/95

DATE: 02/27/95

COMMENT DUE DATE: 03/14/95

SAI #: FL9210051642CR

OPB POLICY UNITS

STATE AGENCIES

LOCAL/OTHER

- Agriculture
- Board of Regents
- Commerce
- Community Affairs
- Education
- Environmental Protection
- Game & Fish Comm
- Health & Rehab Srv
- Highway Safety
- Labor & Employmnt
- Law Enforcement
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- SFWMD
- SWFWMD
- SJRWMD
- SRWMD

- Public Safety
- Education
- Environment/C & ED
- General Government
- Health & Human Srv
- Revenue & Eco. Ana
- SCH
- SCH/CON

RECEIVED

MAR 6 1995

Florida Coastal Management Program

The attached document requires a Coastal Zone Management Act/Florida Coastal Management Program consistency evaluation and is categorized as one of the following:

- Federal Assistance to State or Local Government (15 CFR 930, Subpart F). Agencies are required to evaluate the consistency of the activity.
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- Federal Licensing or Permitting Activity (15 CFR 930, Subpart D). Such projects will only be evaluated for consistency when there is not an analogous state license or permit.

**FOR CONSISTENCY PROJECTS, SEE REVERSE SIDE FOR INSTRUCTIONS.**

To: State Clearinghouse  
 Executive Office of the Governor -OPB  
 Room 1603, The Capitol  
 Tallahassee, FL. 32399-0001  
 (904) 488-8114 (SC 278-8114)

Florida Coastal Management Director  
 Department of Community Affairs  
 Suite 305, Rhyne Building  
 Tallahassee, FL. 32399-2100  
 (904) 922-5438 (SC 292-5438)

EO. 12372/NEPA

Federal Consistency

- No Comment
- Comments Attached
- Not Applicable

- No Comment/Consistent
- Consistent/Comments Attached
- Inconsistent/Comments Attached
- Not Applicable

From: Florida Department of Commerce  
 Division: Economic Development  
 Bureau of Economic Analysis

Division/Bureau: \_\_\_\_\_  
 Reviewer: W. A. Sheppard  
 Date: 3/2/95



STATE OF FLORIDA  
DEPARTMENT OF COMMUNITY AFFAIRS

2740 CENTERVIEW DRIVE • TALLAHASSEE, FLORIDA 32399-2100

LAWTON CHILES  
Governor

LINDA LOOMIS SHELLEY  
Secretary

March 21, 1995

Ms. Janice L. Hatter  
Director  
State Clearinghouse  
Executive Office of the Governor  
Room 1603 - The Capitol  
Tallahassee, Florida 32399-0001

RE: U.S. Army Corp of Engineers - Scoping Letter for  
Feasibility Report - Ponce de Leon Inlet Improvements -  
Volusia County, Florida  
SAI# FL9210051642CR

Dear Ms. Hatter:

The Department of Community Affairs (Department), pursuant to its role as the state's land planning and emergency management agency, has reviewed the above-referenced project for consistency with our responsibilities under the Florida Coastal Management Program (FCMP). The Department has determined that the proposed feasibility report is consistent with our FCMP responsibilities.

Ponce de Leon Inlet, which is under consideration for the proposed improvements, is located within the federal Coastal Barrier Resources System (CBRS) Unit P08. Therefore, the Department has reviewed the requirements of the Coastal Barrier Resources Act (CBRA) for applicability to the above-referenced project. The CBRA limits the use of federal funds within CBRS units, with certain exceptions. The Corps of Engineers is advised to consult with the Mr. James W. Pulliam, Jr., U.S. Department of Interior, U.S. Fish and Wildlife Service, Region 4, 1875 Century Boulevard, Atlanta, Georgia, 30345, (404) 679-4000, to ensure compliance with the CBRA requirements.

EMERGENCY MANAGEMENT • HOUSING AND COMMUNITY DEVELOPMENT • RESOURCE PLANNING AND MANAGEMENT

Ms. Janice L. Hatter  
March 21, 1995  
Page Two

Thank you for the opportunity to comment on this proposed project. If you have any questions, please contact Rosalyn Kilcollins, Florida Coastal Management Program, at (904) 922-5438.

Very truly yours,

  
for Linda Loomis Shelley  
Secretary

LLS/rk

COMMITTEE ON PUBLIC WORKS AND TRANSPORTATION  
U.S. HOUSE OF REPRESENTATIVES  
WASHINGTON, D.C.

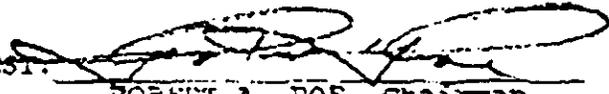
R E S O L U T I O N

Ponce De Leon Inlet, Volusia County, Florida  
Docket 2361

Resolved by the Committee on Public Works and Transportation of the United States House of Representatives, That the Board of Engineers for Rivers and Harbors, is requested to review the report of the Chief of Engineers on Ponce De Leon Inlet, Florida published as House Document 74, Eighty-ninth Congress, First Session, and other pertinent reports, to determine whether modifications of the recommendations contained therein are advisable at the present time, in the interest of navigation and other purposes.

Adopted: May 21, 1981

ATTEST:



ROBERT A. ROE, Chairman

(Requested by Representative Craig T. James)

John M.  
FYI



DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
P. O. BOX 4970  
JACKSONVILLE, FLORIDA 32232-0019

REPLY TO  
ATTENTION OF

September 29, 1992

Planning Division  
Environmental Branch

TO ADDRESSEES ON ATTACHED LIST:

The Jacksonville District, U.S. Army Corps of Engineers, is gathering information to define issues and concerns that will be addressed in a reconnaissance-level report on proposed inlet improvements at Ponce de Leon Inlet, Volusia County, Florida.

Alternatives under consideration include lengthening the south jetty approximately 1,000 feet, construction of a scour apron on the south side of the north jetty, rebuilding damaged areas of the north jetty, construction of a groin field along the sand spit inside the inlet adjacent to the north jetty and construction of a storm revetment to seal a potential breach along shoreline of the sand spit inside the inlet (enclosure 1).

The Corps welcomes your views, comments and information about resources, study objectives and important features within the described study area, as well as any suggested improvements. Letters of comment or inquiry should be addressed to the letterhead address to the attention of Planning Division, Environmental Studies Section and received by this office within thirty (30) days of the date of this letter.

Sincerely,

A handwritten signature in cursive script that reads "A. J. Salem".

A. J. Salem  
Chief, Planning Division

Enclosure

PONCE DE LEON INLET  
MAILING LIST

Director  
Office of Federal Activities (A-104)  
Environmental Protection Agency  
401 M Street SW  
Washington, D.C. 20024-2610 (5 cys)

Director  
Department of Commerce  
NOAA/CS/EC/Room 6222  
14 and Constitution Ave., NW  
Washington, DC 20230 (4 cys)

Mr. Bruce Blanchard, Director  
Office of Environmental Project  
Review  
Department of the Interior,  
Room 4241  
18th and C Streets, NW  
Washington, D.C. 20240 (12 cys)

Executive Director  
Advisory Council on Historic  
Preservation  
The Old Post Office Building  
1100 Pennsylvania Avenue NW 809  
Washington, D.C. 20004-2590

Florida Audubon Society  
1101 Audubon Way  
Maitland, FL 32751-5451

Mr. John Rains, Jr.  
Isaak Walton League of America, Inc.  
5314 Bay State Road  
Palmetto, Florida 33561-9712

Field Supervisor  
U.S. Fish and Wildlife Service  
P. O. Box 2676  
Vero Beach, FL 32961-2676

State Clearinghouse  
Office Of Planning & Budgeting  
Executive Office of the Governor  
The Capitol  
Tallahassee, FL 32301-8074 (16 cys)

Florida Wildlife Federation  
P. O. Box 6870  
Tallahassee, FL 32314-6870

Florida Defenders of the Environment  
2606 NW 6th Street  
Gainesville, FL 32609

State Conservationist  
Soil Conservation Service  
U.S. Department of Agriculture  
401 First Ave., SE  
P. O. Box 1280  
Gainesville, FL 32602-1280

Regional Environmental Officer  
Housing & Urban Development  
Room 600-C  
75 Spring St., SW  
Atlanta, GA 30303-3309 (2 cys)

Mr. Heinz Mueller  
Environmental Policy Section  
EPA, Region Iv  
345 Courtland Street, N.E.  
Atlanta, GA 30365-2401 (5 cys)

Wilderness Society  
4203 Ponce de Leon Boulevard  
Coral Gables, FL 33416

State Director, ASCS  
U.S. Department of Agriculture  
P. O. Drawer 670  
Gainesville, Florida 32602-0670

Dr. Elaine Harrington  
Florida Chapter  
Sierra Club  
927 Delores Drive  
Tallahassee, FL 32301-2929

National Marine Fisheries Service  
Environmental Assessment Branch  
3500 Delwood Beach Road  
Panama City, FL 32407-7499

National Marine Fisheries Service  
Office of the Regional Director  
9450 Koger Boulevard  
St. Petersburg, FL 33702-2496

National Marine Fisheries Service  
Chief, Protected Species Branch  
9450 Koger Boulevard  
St. Petersburg, FL 33702-2496

Mr. Steve Fitch  
Forest Supervisor  
U.S. Forest Service  
227 N. Bronough Street  
Suite 4061  
Tallahassee, Florida 32301

St. Johns River Water  
Management District  
P.O. Box 1429  
Palatka, Florida 32178-1428

Mr. John Hutchinson  
Lighthouse Boatyard  
4958 S. Peninsula Dr.  
Ponce Inlet  
Daytona Beach, Florida 32127

Mr. Charlie Schammel  
Critter Fleet  
4950 S. Peninsula Dr.  
Ponce Inlet, Florida 32127

Mr. Bob Stone  
Critter Fleet  
4950 S. Peninsula Dr.  
Ponce Inlet, Florida 32127

Mr. Tim Garrett  
Critter Fleet  
4950 S. Peninsula Dr.  
Ponce Inlet, Florida 32127

Mr. Carey St. Clair  
Sea Love Marina  
4884 Front St.  
Ponce Inlet, Florida 32127

Mr. Greg DeBrango  
King's Seafood  
79 Dunlawton Avenue  
Port Orange, Florida 32119

Mr. George C. Francis  
King's Seafood  
79 Dunlawton Avenue  
Port Orange, Florida 32119

Mr. Oliver Joyner  
Adventure Yacht Harbor  
3948 S. Peninsular  
Daytona Beach, Florida 32127

Mr. William Feger  
Feger's Seafood  
P.O. Box 24  
New Smyrna Beach, Florida 32170

Mr. John Began  
Feger's Seafood  
6714 Ramoth Drive  
Jacksonville, Florida 32226

Mr. George Reynolds  
Feger's Seafood  
120 B Jackson Avenue  
Cape Canaveral, Florida 32920

Mr. Jimmy Rodgers  
Feger's Seafood  
P.O. Box 24  
New Smyrna Beach, Florida 32170

Mr. Paul Pickett  
Sea Harvest Seafood  
107 North Riverside Drive  
New Smyrna Beach, Florida 32169

Mr. Bill Brehm  
The Boat Club Marina  
111 N. Riverside Drive  
New Smyrna Beach, Florida 32168

Commander  
United States Coast Guard  
State Ponce DeLeon  
P.O. Box 370  
New Smyrna Beach, Florida 32170

Commander  
Seventh Coast Guard District  
United States Coast Guard  
Brickell Plaza Federal Building  
Miami, Florida 33131-3050

Mr. Daniel M. O'Brien  
Port Authority Coordinator  
Ponce DeLeon Port Authority  
440 S. Beach Street  
Daytona Beach, Florida 32114

PONCE DE LEON INLET  
PROPOSED ALTERNATIVES

1. Five alternatives are currently under consideration and are described below:

a. Construct a 1,000-foot extension of the south jetty. The jetty would be constructed at a base elevation of -15 feet m.l.w. and extend to a crest elevation of +7.0 feet m.l.w.

b. Construct a scour apron along the south side of the north jetty. The apron would be 30 feet wide and 3 feet thick and would be placed along the landward 700 feet of the north jetty.

c. Rebuild the damaged portions of the north jetty with stone similar to that now in place. Portions of the north jetty have slumped up to 3 feet since initial construction because of scouring or storm displacement due to wave action. Approximately 1,000 cy of stone will be required for repairs.

d. Construct a groin field along the sand spit inside the inlet, adjacent to the north jetty. Four (4) rubble-mound groins are anticipated at this time.

e. Construct a storm revetment to seal a potential breach along the sand spit inside the inlet, adjacent to the north jetty.

2. Construction of all improvements to the north jetty will be from a barge. South jetty improvements may be constructed by driving over the jetty or from a barge.

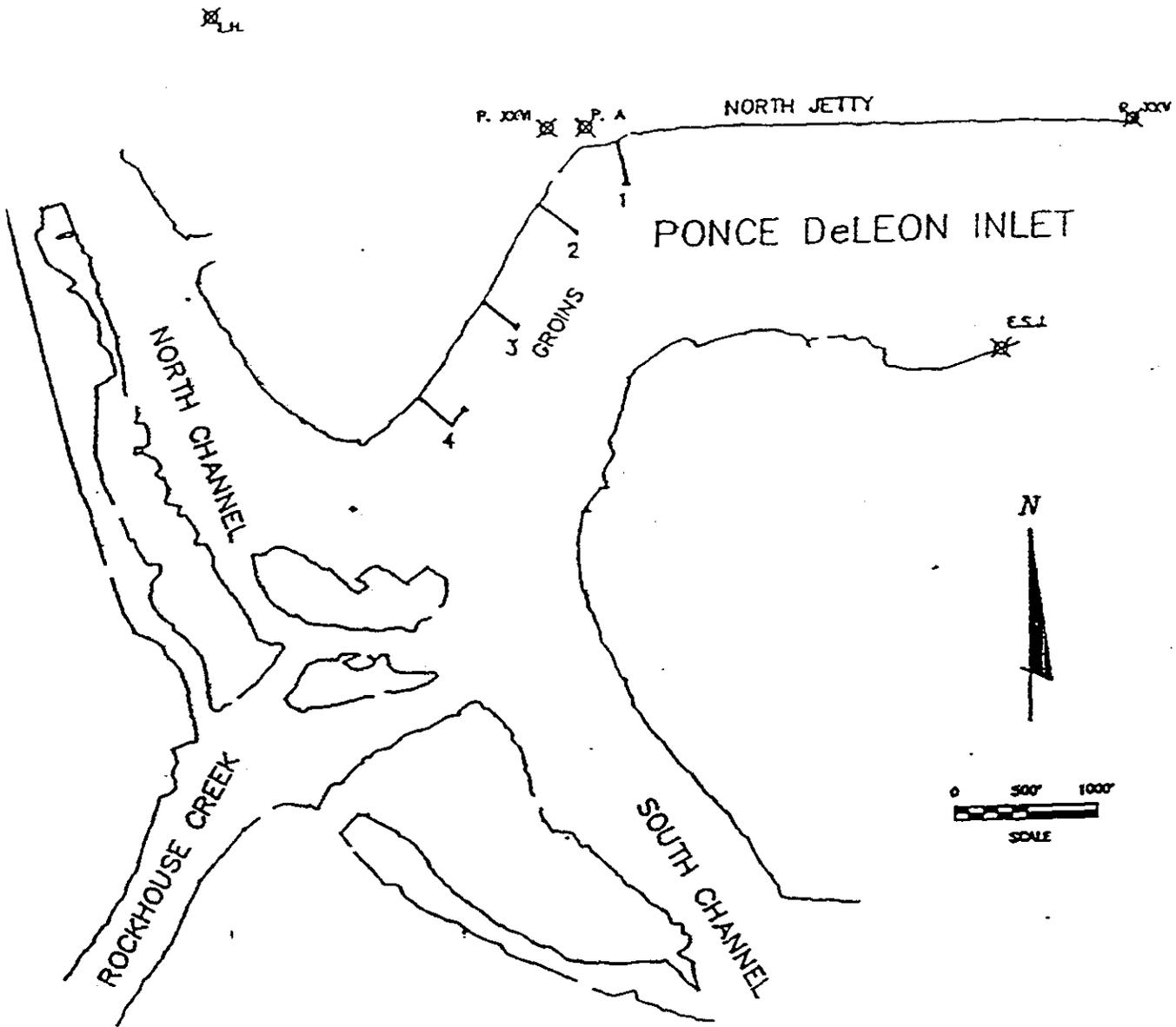
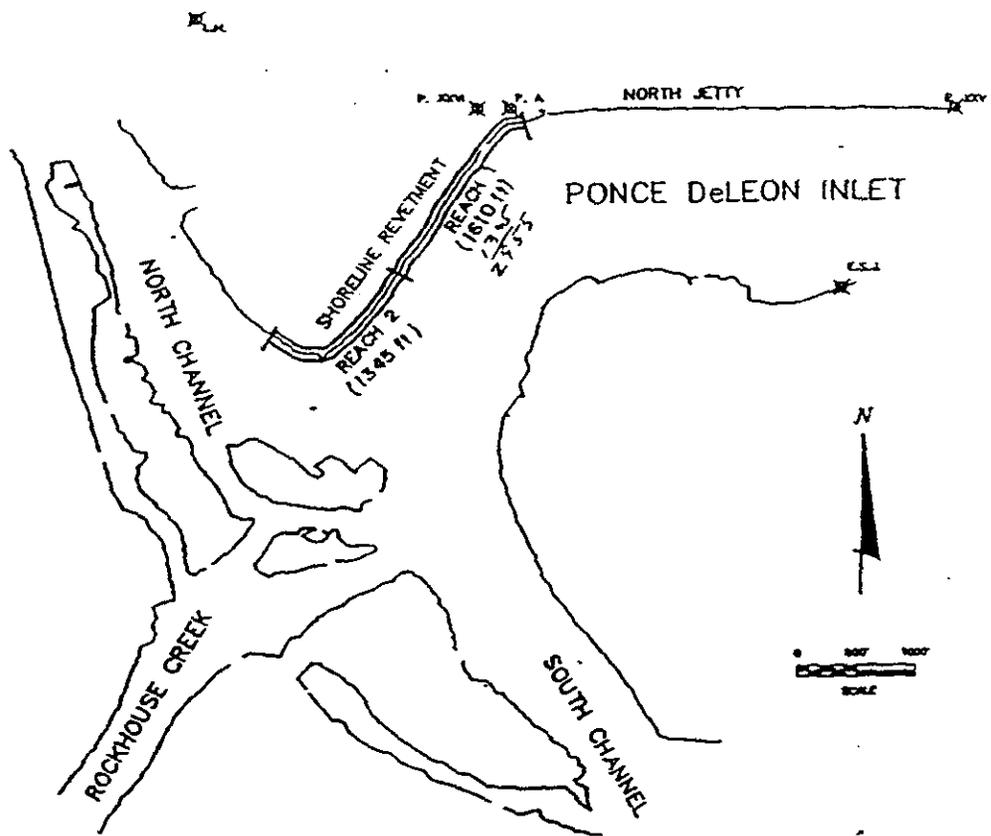
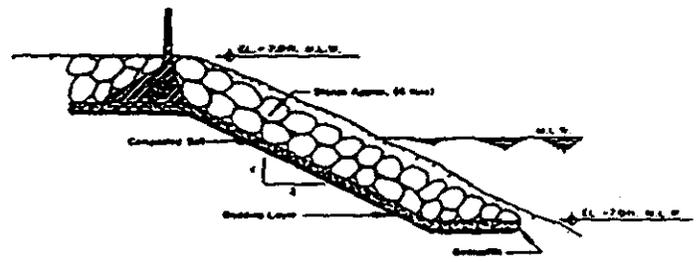


Figure 1 Four Groin System

2-95



Reach 1 - Typical Cross-Section  
R.T.S.



Reach 2 - Typical Cross-Section  
R.T.S.

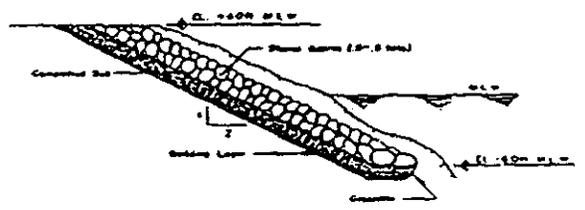


Figure 2 Conceptual Design, North Spit Shoreline Revetment



DEPARTMENT OF THE ARMY  
 WATERWAYS EXPERIMENT STATION, CORPS OF ENGINEERS  
 3909 HALLS FERRY ROAD  
 VICKSBURG, MISSISSIPPI 39180-6199

REPLY TO  
 ATTENTION OF

CEWES-CR-P (1110-1-8100c)

3 DECEMBER 1992

MEMORANDUM FOR Commander, U.S. Army Engineer Division, Jacksonville, ATTN:  
 CESAJ-ED-HC (Mr. Joseph Gurule), P.O. Box 4970, Jacksonville,  
 FL 32232

SUBJECT: Review of Previous Studies of Ponce De Leon Inlet, FL, and Proposal  
 for Additional Work

1. At your request, a series of studies performed by Taylor Engineering Inc. at Ponce de Leon Inlet, FL, were reviewed. The review includes an assessment of the applicability of numerical models that were previously applied to the site to investigate the consequences of North Jetty failure and loss of land along the inlet throat just inside the North Jetty. Written review comments are included in the encl.
2. A scope of work also was prepared (included in the encl), that involves additional work needed to better understand the nature of erosion problems being experienced in the inlet, assess future changes in the inlet if nothing is done to stem the erosion, and evaluate the performance of possible solutions to the problem. The scope involves a combination of field data collection, numerical modeling, and laboratory scale-modeling and is designed to take advantage of the strengths of each. Time and cost to complete the entire study are estimated to be 28 months and \$702,000.
3. We understand that this study is under consideration for the US Army Engineer Waterways Experiment Station to perform during FY93 through FY95. In order for us to perform this study, we must be authorized the necessary Full Time Equivalent (FTE) spaces. To assist us in obtaining the necessary FTE allocation, it is requested that you take action to have this work entered into the Headquarters, US Army Corps of Engineers FORCON manpower accounting system. For this study to be conducted by the Program Division of Civil Works Directorate as justification for the necessary FTE authorization, it must be substantiated and validated by a submission from your office.
4. If you have any questions concerning this proposal, please contact Mr. Bruce A. Ebersole (601-634-3209) directly.

Encl

  
 ROBERT W. WHALIN, PhD, PE  
 Director



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
P. O. BOX 4970  
JACKSONVILLE, FLORIDA 32232-0019



February 7, 1995

Planning Division  
Environmental Branch

TO THE ADDRESSEES ON THE ENCLOSED LIST:

The Jacksonville District, U.S. Army Corps of Engineers (Corps), is gathering information to define issues and concerns that will be addressed in a feasibility-level report on proposed inlet improvements at Ponce de Leon Inlet, Volusia County, Florida.

In a letter dated September 29, 1992, the Corps presented a series of alternatives and requested views, comments, and information regarding those alternatives. Responses were incorporated into the environmental considerations for the Reconnaissance Report dated January 1993. That report is available from the Jacksonville District, upon request.

During the feasibility phase, two additional alternatives will receive consideration. (See enclosed map, figure 1.) One involves reopening the north jetty weir (A on enclosed map). The second consists of constructing a channel in the area of the potential breakthrough (B on enclosed map). A model study will evaluate those measures for stabilizing the inlet in combination with a 1000-foot extension of the south jetty. Extension of the south jetty may include reuse of existing stone from the landward end of the south jetty or from reopening the weir in the north jetty.

The Corps welcomes your views, comments, and information about resources, study objectives, and important features within the described study area, as well as any suggested improvements. Letters of comment or inquiry should be addressed to the letterhead address to the attention of Planning Division, Environmental Studies Section, and received by this office within 30 days of the date of this letter.

Sincerely,

A. J. Salem  
Chief, Planning Division

Enclosure

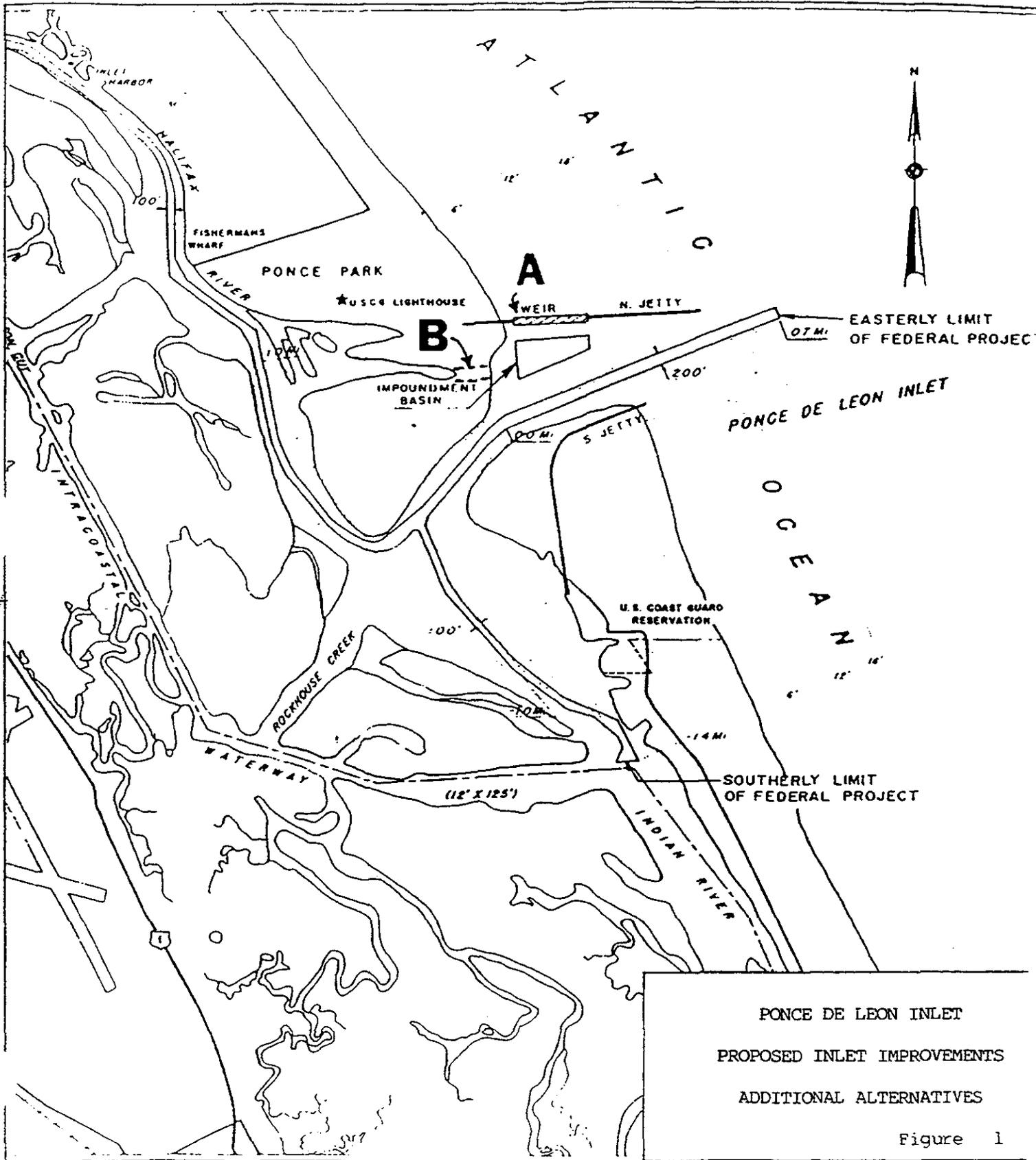


Figure 1

PONCE DE LEON INLET

MAILING LIST

Director  
Office of Federal Activities (A-104)  
Environmental Protection Agency  
401 M Street SW.  
Washington, DC 30034-2610 (5 cys)

Regional Environmental Officer  
Housing & Urban Development  
Room 600-C  
75 Spring Street, SW.  
Atlanta, GA 30303-3309 (2 cys)

Director  
Department of Commerce  
MOAA/CS/EC/Room 6222  
14 and Constitution Ave., NW.  
Washington, DC 20230 (4 cys)

Mr. Heinz Mueller  
Environmental Policy Section  
EPA, Region IV  
345 Courtland Street, NE.  
Atlanta, GA 30365-2401 (2 cys)

Mr. Bruce Blanchard, Director  
Office of Environmental Project Review  
Department of the Interior, Room 4241  
18th and C Streets, NW.  
Washington, DC 20240 (12 cys)

Wilderness Society  
4203 Ponce de Leon Boulevard  
Coral Gables, FL 33416

Executive Director  
Advisory Council on Historic Preservation  
The Old Post Office Building  
1100 Pennsylvania Avenue NW. 809  
Washington, DC 20004-2590

State Director, ASCS  
U.S. Department of Agriculture  
P.O. Drawer 670  
Gainesville, FL 32602-0670

Florida Audubon Society  
1101 Audubon Way  
Maitland, FL 32751-5451

Dr. Elaine Harrington  
Florida Chapter  
Sierra Club  
927 Delores Drive  
Tallahassee, FL 32301-2929

Mr. John Rains, Jr.  
Isaak Walton League of America, Inc.  
5314 Bay State Road  
Palmetto, FL 33561-9712

National Marine Fisheries Service  
Environmental Assessment Branch  
3500 Delwood Beach Road  
Panama City, FL 32407-7499

Field Supervisor  
U.S. Fish and Wildlife Service  
P.O. Box 2676  
Vero Beach, FL 32961-2676

National Marine Fisheries Service  
Office of the Regional Director  
9450 Koger Boulevard  
St. Petersburg, FL 33702-2496

State Clearinghouse  
Office of Planning & Budgeting  
Executive Office of the Governor  
The Capitol  
Tallahassee, FL 32301-8074 (16 cys)

National Marine Fisheries Service  
Chief, Protected Species Branch  
(450 Koger Boulevard  
St. Petersburg, FL 33702-2496

Florida Wildlife Federation  
P.O. Box 6870  
Tallahassee, FL 32314-6870

Mr. Steve Fitch  
Forest Supervisor  
U.S. Forest Service  
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227 North Bronough Street  
Tallahassee, FL 32301

State Conservationist  
Soil Conservation Service  
U.S. Department of Agriculture  
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Gainesville, FL 32602-1280

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Management District  
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Mr. Bill Brehm  
The Boat Club Marina  
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U.S. Coast Guard  
State Ponce DeLeon  
P.O. Box 370  
New Smyrna Beach, FL 32170

Commander  
Seventh Coast guard District  
U.S. Coast Guard  
Brickell plaza Federal Building  
Miami, FL 33131-3050

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Port Authority Coordinator  
Ponce DeLeon Port Authority  
440 South Beach Street  
Daytona Beach, FL 32114

Captain Bill Smitherman  
4950 South Peninsula Drive  
Ponce Inlet, FL 32127

Captain Mike Nelson  
4950 South Peninsula Drive  
Ponce Inlet, FL 32127

Captain Ernie Endicott  
4950 South peninsula Drive  
Ponce Inlet, FL 32127

Captain Steve Dresser  
4950 South Peninsula Drive  
Ponce Inlet, FL 32127

Mrs. Freeman  
King's Seafood  
79 Dunlawton Avenue  
Port Orange, FL 32119

Captain Dix Harper  
King's Seafood  
79 Dunlawton Avenue  
Port Orange, FL 32119

Captain Scott Frierson  
King's Seafood  
79 Dunlawton Avenue  
Port Orange, FL 32119

Captain Piper Simmons  
Adventure Yacht Harbor  
3948 South Peninsula Drive  
Ponce Inlet, FL 32127

Captain Mike DeBloom  
Adventure Yacht Harbor  
3948 South Peninsula Drive  
Ponce Inlet, FL 32127

Captain Bob Marsham  
Adventure Yacht Harbor  
3948 South Peninsula Drive  
Ponce Inlet, FL 32127

Mr. William Zona  
Fishin Cove Marina  
111 North Riverside Drive  
New Smyrna Beach, FL 32168

Captain Jay Wilson  
Fishin Cove Marina  
111 North Riverside Drive  
New Smyrna Beach, FL 32168

Captain Bob McWhorter  
Fishin Cove Marina  
111 North Riverside Drive  
New Smyrna Beach, FL 32168

Captain Bill Fulton  
Fishin Cove Marina  
111 North Riverside Drive  
New Smyrna Beach, FL 32168

Captain Moors  
Feger's Seafood  
P.O. Box 24  
New Smyrna Beach, FL 32170-0024

Captain Frank Martinez  
Feger's Seafood  
P.O. Box 24  
New Smyrna Beach, FL 32170-0024

Captain David Baird  
Path Finder  
P.O. Box 818  
Sharpes, FL 32959

Captain Robert Smith  
The Charlie  
P.O. Box 818  
Sharpes, FL 32959

Captain R. Christiansen  
Charter Boat, The Charlie  
P.O. Box 818  
Sharpes, FL 32959

Captain Tony Crane  
Charter Boat, Lucky Strike  
P.O. Box 818  
Sharpes, FL 32959

Captain Timmons  
Manager Sea Love Marina  
4884 Front Street  
Ponce Inlet, FL 32127

Captain Joe Camp  
Sea Love Marina  
4884 Front Street  
Ponce Inlet, FL 32127

Captain Lingo  
Sea Love  
4884 Front Street  
Ponce Inlet, FL 32127

Captain David Stokes  
Charter Boat, Sea Lover  
4884 Front Street  
Ponce Inlet, FL 32127

Captain David Thompson  
Charter Boat, Square One  
4884 Front Street  
Ponce Inlet, FL 32127

Captain Scott Laney  
Charter Boat, Rockin Robin  
4884 Front Street  
Ponce Inlet, FL 32127

Captain Chris Forman  
Charter Boat, Taylor made  
4884 Front Street  
Ponce Inlet, FL 32127

Mr. Sam Fernandez  
Dockside Charters  
4888 Front Street  
Ponce Inlet, FL 32127

Captain Danny Day  
Charter Boat, Mommas Money II  
4888 Front Street  
Ponce Inlet, FL 32127

Captain Bob Sorenson  
Charter Boat, High Roller  
4888 Front Street  
Ponce Inlet, FL 32127

Captain Tom Wagner  
Charter Boat, Sun Dancer  
4888 Front Street  
Ponce Inlet, FL 32127

Mr. Paul Pickett  
Sea harvest  
107 North Riverside Drive  
New Smyrna Beach, FL 32168

Captain Johnny Lloyd  
Charter Boat, Triple Header  
107 North Riverside Drive  
New Smyrna Beach, FL 32168

Captain Tom Harold  
Charter Boat, Pier Three  
107 North Riverside Drive  
New Smyrna Beach, FL 32168

Mr. Richard Kirk  
Ponce Deep Water Landing  
133 Inlet Harbor Road  
Ponce Inlet, FL 32127

Captain George Locke  
Little Dolphin  
133 Inlet Harbor Road  
Ponce Inlet, FL 32127

Captain John Ellis  
Charter Boat, Rainbow II  
133 Inlet Harbor Road  
Ponce Inlet, FL 32127

Captain Steve Ellis  
Charter Boat, Rainbow III  
133 Inlet Harbor Road  
Ponce Inlet, FL 32127

Captain David Grubbs  
Charter Boat, Heavy Hitter  
133 Inlet Harbor Road  
Ponce Inlet, FL 32127

Captain William Albright  
Daytona Marine & Boat Works  
645 South Beach Street  
Daytona Beach, FL 32114

Mr. Clete Oakley  
Halifax Harbor Marina  
450 Basin Street  
Daytona Beach, FL 32114

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Charter Boat, Gerry J  
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Daytona Beach, FL 32114

Captain Don Withers  
Howard's Bait & Tackle  
96 Dunlawton Avenue  
Port Orange, FL 32119

Captain Doug McCarver  
Haf N Haf Charters  
79 East Dunlawton Avenue  
Port Orange, FL 32119

Mr. & Mrs Kennedy  
Popeye Fishing Charters  
3300 South Peninsula Drive  
Daytona Beach, FL 32118

Captain George Johnson  
Charter Boat, Lady J  
Riverview Charlies Restaurant  
North Causeway  
New Smyrna Beach, FL 32169



STATE OF FLORIDA  
DEPARTMENT OF COMMUNITY AFFAIRS

2740 CENTERVIEW DRIVE • TALLAHASSEE, FLORIDA 32399-2100

LAWTON CHILES  
Governor

LINDA LOOMIS SHELLEY  
Secretary

April 7, 1995

Mr. A.J. Salem  
Army Corps of Engineers  
Jacksonville District  
Post Office Box 4970  
Jacksonville, FL 32232-0019

RE: Navigation Projects - Scoping Letter for Feasibility  
Report - Ponce de Leon Inlet Improvements - Volusia  
County, Florida  
SAI: FL9210051642CR

Dear Mr. Salem:

The Florida State Clearinghouse, pursuant to Presidential Executive Order 12372, Governor's Executive Order 93-194, the Coastal Zone Management Act, 16 U.S.C. §§ 1451-1464, as amended, and the National Environmental Policy Act, 42 U.S.C. §§ 4321, 4331-4335, 4341-4347, as amended, has coordinated a review of the above-referenced project.

The Department of Environmental Protection (DEP) indicates that Alternative A may result in adverse impacts to marine turtle nesting habitat. Therefore, the Corps of Engineers (Corps) is advised to evaluate the potential shoreline response for Alternative A and to coordinate project planning with the DEP's Office of Protected Species. Please refer to the enclosed DEP comments.

The Department of State (DOS) indicates that the Corps is required to provide the results of the magnetometer survey to the DOS for review. The Corps is also required to consult with the DOS regarding avoidance or mitigation of any impacts to any historic site located in the project area. Please refer to the enclosed DOS comments.

Based on the available information and the enclosed comments provided by our reviewing agencies, the state has determined that, at this stage, the above-referenced project is consistent with the Florida Coastal Management Program (FCMP). All subsequent environmental documents prepared for this project

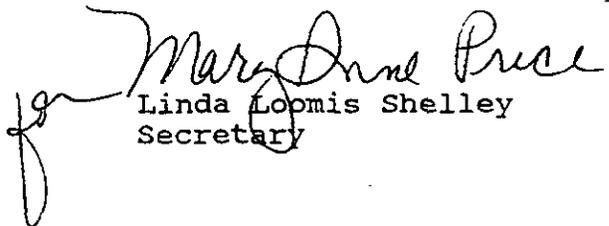
EMERGENCY MANAGEMENT • HOUSING AND COMMUNITY DEVELOPMENT • RESOURCE PLANNING AND MANAGEMENT

Mr. A.J. Salem  
April 17, 1995  
Page Two

must be reviewed to determine the project's continued consistency with the FCMP. All future documents prepared for this project must be submitted to the Florida State Clearinghouse for interagency review. The state's continued concurrence with the project will be based, in part, on the adequate resolution of issues identified during this and subsequent reviews.

In addition, the Department of Community Affairs (Department) notes that the area proposed for improvement is located within the federal Coastal Barrier Resources System Unit P08 which was designated under the Coastal Barrier Resources Act (CBRA). The Corps is advised to consult with Mr. James Pulliam, Jr., U.S. Department of Interior, Fish and Wildlife Service, Region 4, regarding the applicability of the CBRA requirements to this project. Please refer to the Department's enclosed comments.

Very truly yours,

  
Linda Loomis Shelley  
Secretary

LLS/rk

Enclosures

cc: Carliane Johnson, Department of Environmental Protection  
George Percy, Department of State



# Department of Environmental Protection

Lawton Chiles  
Governor

Marjory Stoneman Douglas Building  
3900 Commonwealth Boulevard  
Tallahassee, Florida 32399-3000

Virginia B. Wetherell  
Secretary

March 20, 1995

**RECEIVED**

MAR 22 1995

Suzanne Traub-Metlay  
State Clearinghouse  
Executive Office of the Governor  
The Capitol  
Tallahassee, Florida 32399-0001

Florida Coastal  
Management Program

RE: COE/Navigation Study for Ponce de Leon Inlet, Volusia County  
SAI: FL9210051642CR

Dear Ms. Traub-Metlay:

The Department has reviewed the referenced notice to conduct additional studies associated with the Ponce de Leon Inlet Feasibility Study, funded in part by the Department. Specifically, two additional alternatives will be investigated; A) the reopening of the weir on the north jetty, and B) the construction of a channel through the north interior spit.

The Office of Protected Species Management (OPSM) states that there would be very substantive concerns with Alternative A because such a weir may adversely impact marine turtle nesting habitat on the beach north of the inlet and from potential impacts associated with the additional maintenance dredging when the sand trap inside the inlet filled. The continued study of Alternative A should carefully consider the increased dredging requirements and perform computer assisted modeling of the shoreline in response to such an option. The OPSM has identified no marine turtle issues in association with the additional inlet stabilization as proposed with Alternative B.

Based on the information provided for this review, the study of the alternatives is consistent with our authorities in the Florida Coastal Management Program and with the recommendations of the Department's Ponce de Leon Inlet Management Plan.

For information regarding the Ponce de Leon Management Plan, the Corps should contact Phil Flood, Bureau of Beaches and Coastal Systems, at 904/487-1262. Questions concerning marine turtles may be directed to David Arnold, OPSM, at 904/922-4330.

Sincerely

Carliane D. Johnson  
Environmental Specialist  
Office of Intergovernmental Programs

/cdj

cc: Phil Flood  
Ed Irby

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.



RECEIVED

MAR 27 1995

Florida Coastal Management Program

FLORIDA DEPARTMENT OF STATE

Sandra B. Mortham  
Secretary of State

DIVISION OF HISTORICAL RESOURCES

R.A. Gray Building  
500 South Bronough Street  
Tallahassee, Florida 32399-0250

Director's Office  
(904 488-1480)

Telecopier Number (FAX)  
(904) 488-3353

March 24, 1995

Ms. Suzanne Traub-Metlay  
State Clearinghouse  
Executive Office of the Governor  
Room 1603, The Capitol  
Tallahassee, Florida 32399-0001

In Reply Refer To:  
Frank J. Keel  
Historic Sites  
Specialist  
(904) 487-2333  
Project File No. 950675

RE: Cultural Resource Assessment Request  
SAI# FL9210051642CR  
Improvements to the Ponce de Leon Inlet  
Volusia County, Florida

Dear Ms. Traub-Metlay:

In accordance with the provisions of Florida's Coastal Zone Management Act and Chapter 267, Florida Statutes, as well as the procedures contained in 36 C.F.R., Part 800 ("Protection of Historic Properties"), we have reviewed the referenced project(s) for possible impact to historic properties listed, or eligible for listing, in the National Register of Historic Places, or otherwise of historical or architectural value.

We understand that the Corps of Engineers have recently completed a magnetometer survey for this project. When a report has been completed, the Corps of Engineers will coordinate with this office concerning potential effects to historic properties.

If you have any questions concerning our comments, please do not hesitate to contact us. Your interest in protecting Florida's historic properties is appreciated.

Sincerely,

*Laura A. Kammerer*  
*for* George W. Percy, Director  
Division of Historical Resources  
and

State Historic Preservation Officer

GWP/Kfk  
xc: Jasmin Raffington, FCMP-DCA  
Archaeological Research (904) 487-2299  
Florida Folklife Programs (904) 397-2192

Historic Preservation  
(904) 487-2333

Museum of Florida History  
(904) 488-1484

COUNTY: VOLUSIA

DATE: 02/27/95

COMMENT DUE DATE: 03/14/95

SAI#: FL9210051642CR

STATE AGENCIES

LOCAL/OTHER

OPB POLICY UNITS

<input checked="" type="checkbox"/>	Agriculture
<input type="checkbox"/>	Board of Regents
<input checked="" type="checkbox"/>	Commerce
<input checked="" type="checkbox"/>	Community Affairs
<input type="checkbox"/>	Education
<input checked="" type="checkbox"/>	Environmental Protection
<input checked="" type="checkbox"/>	Game & Fish Comm
<input type="checkbox"/>	Health & Rehab Srv
<input type="checkbox"/>	Highway Safety
<input type="checkbox"/>	Labor & Employmnt
<input type="checkbox"/>	Law Enforcement
<input checked="" type="checkbox"/>	Marine Fish Comm
<input type="checkbox"/>	State Library
<input checked="" type="checkbox"/>	State
<input checked="" type="checkbox"/>	Transportation
<input type="checkbox"/>	Trans Disad. Comm
<input type="checkbox"/>	DEP District

<input type="checkbox"/>	NWFWMD
<input type="checkbox"/>	SFWMD
<input type="checkbox"/>	SWFWMD
<input checked="" type="checkbox"/>	SJRWMD
<input type="checkbox"/>	SRWMD

<input type="checkbox"/>	Public Safety
<input type="checkbox"/>	Education
<input type="checkbox"/>	Environment/C & ED
<input type="checkbox"/>	General Government
<input type="checkbox"/>	Health & Human Srv
<input type="checkbox"/>	Revenue & Eco. Ana
<input type="checkbox"/>	SCH
<input checked="" type="checkbox"/>	SCH/CON

The attached document requires a Coastal Zone Management Act/Florida Coastal Management Program consistency evaluation and is categorized as one of the following:

- Federal Assistance to State or Local Government (15 CFR 930, Subpart F). Agencies are required to evaluate the consistency of the activity.
- Direct Federal Activity (15 CFR 930, Subpart C). Federal Agencies are required to furnish a consistency determination for the State's concurrence or objection.
- Outer Continental Shelf Exploration, Development or Production Activities (15 CFR 930, Subpart E). Operators are required to provide a consistency certification for state concurrence/objection.
- Federal Licensing or Permitting Activity (15 CFR 930, Subpart D). Such projects will only be evaluated for consistency when there is not an analogous state license or permit.



MAR 9 1995

Florida Coastal Management Program

FOR CONSISTENCY PROJECTS, SEE REVERSE SIDE FOR INSTRUCTIONS.

To: State Clearinghouse  
 Executive Office of the Governor -OPB  
 Room 1603, The Capitol  
 Tallahassee, FL 32399-0001  
 (904) 488-8114 (SC 278-8114)

Florida Coastal Management Director  
 Department of Community Affairs  
 Suite 305, Rhyne Building  
 Tallahassee, FL 32399-2100  
 (904) 922-5438 (SC 292-5438)

EO. 12372/NEPA

Federal Consistency

- No Comment
- Comments Attached
- Not Applicable

- No Comment/Consistent
- Consistent/Comments Attached
- Inconsistent/Comments Attached
- Not Applicable

From:

Division/Bureau: TRANSPORTATION

Reviewer: James D. Kimbler JAMES D. KIMBLER, DISTRICT DIRECTOR OF PLANNING AND PUBLIC TRANSPORTATION

Date: 3/6/95

COUNTY: VOLUSIA

DATE: 02/27/95

COMMENT DUE DATE: 03/14/95

SAI#: FL9210051642CR

STATE AGENCIES

LOCAL/OTHER

OPB POLICY UNITS

- Agriculture
- Board of Regents
- Commerce
- Community Affairs
- Education
- Environmental Protection
- Game & Fish Comm
- Health & Rehab Srv
- Highway Safety
- Labor & Employmnt
- Law Enforcement
- Marine Fish Comm
- State Library
- State
- Transportation
- Trans Disad. Comm
- DEP District

- NFWFMD
- SFWMD
- SWFWMD
- SJRWMD
- SRWMD

- Public Safety
- Education
- Environment/C & ED
- General Government
- Health & Human Srv
- Revenue & Eco. Ana
- SCH
- SCH/CON

RECEIVED

FEB 28 1995

MARINE FISHERIES COMMISSION

The attached document requires a Coastal Zone Management Act/Florida Coastal Management Program consistency evaluation and is categorized as one of the following:

- Federal Assistance to State or Local Government (15 CFR 930, Subpart F). Agencies are required to evaluate the consistency of the activity.
- Direct Federal Activity (15 CFR 930, Subpart C). Federal Agencies are required to furnish a consistency determination for the State's concurrence or objection.
- Outer Continental Shelf Exploration, Development or Production Activities (15 CFR 930, Subpart E). Operators are required to provide a consistency certification for state concurrence/objection.
- Federal Licensing or Permitting Activity (15 CFR 930, Subpart D). Such projects will only be evaluated for consistency when there is not an analogous state license or permit.

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MAR 14 1995

Florida Coastal Management Program

FOR CONSISTENCY PROJECTS, SEE REVERSE SIDE FOR INSTRUCTIONS.

To: State Clearinghouse  
 Executive Office of the Governor -OPB  
 Room 1603, The Capitol  
 Tallahassee, FL 32399-0001  
 (904) 488-8114 (SC 278-8114)

Florida Coastal Management Director  
 Department of Community Affairs  
 Suite 305, Rhyne Building  
 Tallahassee, FL 32399-2100  
 (904) 922-5438 (SC 292-5438)

EO. 12372/NEPA

Federal Consistency

- No Comment
- Comments Attached
- Not Applicable

- No Comment/Consistent
- Consistent/Comments Attached
- Inconsistent/Comments Attached
- Not Applicable

From:

Division/Bureau: Marine Fisheries Comm  
 Reviewer: [Signature]  
 Date: 3-12-95

VCT

COUNTY: VOLUSIA

RECEIVED  
2/28/95

DATE: 02/27/95

COMMENT DUE DATE: 03/14/95

SAI#: FL9210051642CR

STATE AGENCIES

LOCAL/OTHER

OPB POLICY UNITS

- Agriculture
- Board of Regents
- Commerce
- Community Affairs
- Education
- Environmental Protection
- Game & Fish Comm
- Health & Rehab Srv
- Highway Safety
- Labor & Employmnt
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- NFWMD
- SFWMD
- SWFWMD
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- SRWMD

- Public Safety
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- Environment/C & ED
- General Government
- Health & Human Srv
- Revenue & Eco. Ana
- SCH
- SCH/CON

RECEIVED

MAR 6 1995

Florida Coastal Management Program

The attached document requires a Coastal Zone Management Act/Florida Coastal Management Program consistency evaluation and is categorized as one of the following:

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**FOR CONSISTENCY PROJECTS, SEE REVERSE SIDE FOR INSTRUCTIONS.**

To: State Clearinghouse  
 Executive Office of the Governor -OPB  
 Room 1603, The Capitol  
 Tallahassee, FL. 32399-0001  
 (904) 488-8114 (SC 278-8114)

Florida Coastal Management Director  
 Department of Community Affairs  
 Suite 305, Rhyne Building  
 Tallahassee, FL. 32399-2100  
 (904) 922-5438 (SC 292-5438)

EO. 12372/NEPA

Federal Consistency

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- Comments Attached
- Not Applicable

- No Comment/Consistent
- Consistent/Comments Attached
- Inconsistent/Comments Attached
- Not Applicable

From: Florida Department of Commerce  
 Division of Economic Development  
 Bureau of Economic Analysis

Division/Bureau: \_\_\_\_\_  
 Reviewer: Vera A. Shearwood  
 Date: 3/2/95



STATE OF FLORIDA  
DEPARTMENT OF COMMUNITY AFFAIRS

2740 CENTERVIEW DRIVE • TALLAHASSEE, FLORIDA 32399-2100

LAWTON CHILES  
Governor

LINDA LOOMIS SHELLEY  
Secretary

March 21, 1995

Ms. Janice L. Hatter  
Director  
State Clearinghouse  
Executive Office of the Governor  
Room 1603 - The Capitol  
Tallahassee, Florida 32399-0001

RE: U.S. Army Corp of Engineers - Scoping Letter for  
Feasibility Report - Ponce de Leon Inlet Improvements -  
Volusia County, Florida  
SAI# FL9210051642CR

Dear Ms. Hatter:

The Department of Community Affairs (Department), pursuant to its role as the state's land planning and emergency management agency, has reviewed the above-referenced project for consistency with our responsibilities under the Florida Coastal Management Program (FCMP). The Department has determined that the proposed feasibility report is consistent with our FCMP responsibilities.

Ponce de Leon Inlet, which is under consideration for the proposed improvements, is located within the federal Coastal Barrier Resources System (CBRS) Unit P08. Therefore, the Department has reviewed the requirements of the Coastal Barrier Resources Act (CBRA) for applicability to the above-referenced project. The CBRA limits the use of federal funds within CBRS units, with certain exceptions. The Corps of Engineers is advised to consult with the Mr. James W. Pulliam, Jr., U.S. Department of Interior, U.S. Fish and Wildlife Service, Region 4, 1875 Century Boulevard, Atlanta, Georgia, 30345, (404) 679-4000, to ensure compliance with the CBRA requirements.

EMERGENCY MANAGEMENT • HOUSING AND COMMUNITY DEVELOPMENT • RESOURCE PLANNING AND MANAGEMENT

Ms. Janice L. Hatter  
March 21, 1995  
Page Two

Thank you for the opportunity to comment on this proposed project. If you have any questions, please contact Rosalyn Kilcollins, Florida Coastal Management Program, at (904) 922-5438.

Very truly yours,

  
for Linda Loomis Shelley  
Secretary

LLS/rk



DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
P. O. BOX 4970  
JACKSONVILLE, FLORIDA 32232-0019



REPLY TO  
ATTENTION OF

Planning Division  
Environmental Branch

March 18, 1997

TO WHOM IT MAY CONCERN:

U.S. Army Corps of Engineers (Corps), Jacksonville District, is continuing to gather information to define issues and concerns that will be addressed in a feasibility-level report on proposed navigation improvements at Ponce DeLeon Inlet, Volusia County, Florida.

In letters dated September 29, 1992, and February 7, 1995, the Corps presented a series of alternatives for navigation improvements and requested views, comments and information regarding those alternatives. Responses were incorporated into the Reconnaissance Report and further comments will be considered in the Feasibility Report.

Subsequent to completion of the draft Feasibility Report, local interests proposed a new commercial marina and seafood processing facility to be constructed on county property adjacent to the Intracoastal Waterway in the vicinity of Rockhouse Creek. The local sponsor has requested that the Corps study the feasibility of expanding the Federal project to accommodate these facilities (see attached sheet for description).

The Corps welcomes your views, comments and any pertinent information about resources, study objectives and important features within the described study area, as well as any suggested improvements. Letters of comment or inquiry should be addressed to the letterhead address to the attention of Planning Division, Environmental Studies Section and received by this office within 30 days of the date of this letter.

Sincerely,

Hanley K. Smith  
Acting Chief, Planning Division

Enclosure

**PONCE DELEON INLET  
VOLUSIA COUNTY, FLORIDA  
DESCRIPTION OF ADDITIONAL PROJECT FEATURES**

**1.0 Proposed New Project Features.** The Corps has been requested to consider additional project features for the Ponce DeLeon Inlet Navigation Improvements study. The proposal is to realign the southern portion of the Ponce DeLeon Inlet Federal channel in the Indian River to Cut-24 of the IWW and to deepen the existing IWW channel from Cut-24 north to an the site of the old Swoope Power Plant site on the west side of the IWW north of Rockhouse Creek (Figure 1). The channel would be deepened from an authorized depth of 12 feet to 16 feet with a width of 125 feet for a distance of approximately 16,00 feet from Cut-24. About 360,000 cubic yards of beach quality material will be removed from the channel and placed on the beach south of Ponce DeLeon Inlet.

**2.0 Proposed Docking and Marina Facilities.** Local interests are proposing construction of commercial marina and seafood processing facilities on county property adjacent to the IWW to support part of the regional shrimp and fish fleet harvesting operations in nearby Atlantic Ocean waters (Figure 1). Docking facilities will be constructed to support berthing areas which are needed for offloading the catch and provisioning of the fleet. Additional landside facilities will include buildings or facilities to house and facilitate operation of seafood processing machinery, mainly for handling the catch from regional shrimp fisheries and the evolving fisheries for red and golden crabs. Anticipated requirements are for the construction of both docks and processing facilities to accommodate a fleet of both homeport and transient vessels with a combined total of 100 to 120 vessels of which 25 to 40 are expected to be in port at any given time. Facilities are being designed to accommodate about 35 vessels at one time. Therefore, total dockage requirements vary from a minimum of 700 feet to a more probable maximum of nearly 1100 feet. Of this total, approximately 500 to 550 feet of dockage will be built along the south side of an existing service canal on the north side of the site while the remaining footage will be built on the east side of the site along the IWW.

**2.1** Docks will be constructed using one of two methods or a combination of both. One type will be of sheet pile construction with a concrete cap and solid backfill/underfill to provide a solid dock and bulkhead. The second type will be a concrete piling and cap constructed above and adjacent to (or in front of) riprap or armour stone. Landside facilities for commercial fishery operations will require one or two buildings or similar facilities each of approximately 25,000 to 35,000 square feet depending upon equipment requirements or configuration and refrigerated storage space. The width of these facilities will be about 130 feet.

**2.2** In addition to the primary specifications of the processing buildings and dockage, there will likely be requirements on-site for the handling or storage of fishing equipment such as rigging or traps, ice production facilities for packing landside and aboard vessels and storage of fuel for vessel operations. Handling and/or shipment of marine food products by heavy trucks will probably require paving of the primary access road leading to the site as well as paving of wheeled vehicle access and marshaling areas on-site.



STATE OF FLORIDA  
DEPARTMENT OF COMMUNITY AFFAIRS

EMERGENCY MANAGEMENT • HOUSING AND COMMUNITY DEVELOPMENT • RESOURCE PLANNING AND MANAGEMENT

LAWTON CHILES  
Governor

May 13, 1997

JAMES F. MURLEY  
Secretary

Mr. Hanley K. Smith  
U.S. Army Corps of Engineers  
Jacksonville District Corps of Engineers  
Post Office Box 4970  
Jacksonville, Florida 32232-0019

RE: U.S. Army Corps of Engineers - Proposed Navigation  
Improvements and Commercial Facilities - Ponce de Leon  
Inlet, Volusia County, Florida  
SAI: FL9210021642CR

Dear Mr. Smith:

The Florida State Clearinghouse, pursuant to Presidential Executive Order 12372, Gubernatorial Executive Order 95-359, the Coastal Zone Management Act, 16 U.S.C. §§ 1451-1464, as amended, and the National Environmental Policy Act, 42 U.S.C. §§ 4321, 4331-4335, 4341-4347, as amended, has coordinated a review of the above-referenced project.

The Department of Environmental Protection (DEP) offers general comments regarding dredging, dock expansion and the protection of manatees, sea turtles, and right whales. The DEP and the St. Johns River Water Management District (SJRWMD) indicate that permits will be required for both the dredging and the proposed dock expansion prior to the start of construction. A Joint Coastal Permit issued by DEP's Bureau of Beaches and Coastal Systems will be required for the realignment and deepening of the navigation channels and the placement of dredged material seaward of the Coastal Construction Control Line. Early coordination with the DEP may help to eliminate problems in the permitting process. Please refer to the enclosed DEP and SJRWMD comments.

2555 SHUMARD OAK BOULEVARD • TALLAHASSEE, FLORIDA 32399-2100

FLORIDA KEYS AREA OF CRITICAL STATE CONCERN  
FIELD OFFICE  
2796 Overseas Highway, Suite 212  
Marathon, Florida 33059-2227

SOUTH FLORIDA RECOVERY OFFICE  
P.O. Box 4022  
8600 N.W. 36th Street  
Miami, Florida 33159-4022

GREEN SWAMP AREA OF CRITICAL STATE CONCERN  
FIELD OFFICE  
155 East Summerlin  
Bartow, Florida 33830-4641

Mr. Hanley K. Smith  
May 13, 1997  
Page Two

Based on the information contained in the notification of intent and the enclosed comments provided by our reviewing agencies, the state has determined that the above-referenced project is consistent with the Florida Coastal Management Program.

Thank you for the opportunity to review this project. If you have any questions regarding this letter, please contact Ms. Keri Akers, Clearinghouse Coordinator, at (904) 922-5438.

Sincerely,

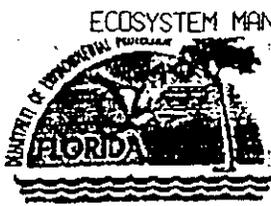


Ralph Cantral, Executive Director  
Florida Coastal Management Program

RC/cc

Enclosures

cc: Dan Pennington, Department of Environmental Protection  
Margaret Spontak, St. Johns River Water Management District



# Department of Environmental Protection

Lawton Chiles  
Governor

Marjory Stoneman Douglas Building  
3900 Commonwealth Boulevard  
Tallahassee, Florida 32399-3000

Virginia B. Wetherell  
Secretary

May 6, 1997

Ms. Keri Akers, Coordinator  
Department of Community Affairs  
Suite 305  
2740 Centerview Drive  
Tallahassee, Florida 32399-2100

Re: SAI # FL9210021642CR - U.S. Army Corps of Engineers - Proposed Navigation  
Improvements and Commercial Facilities - Ponce de Leon Inlet, Volusia County

Dear Ms. Akers:

The department has reviewed the proposed navigation improvements and offers the following comments.

### Protected Species

Manatees, sea turtles and right whales may all be impacted by the construction or operation phases of this proposal. As requested by the USCOE we offer these comments/questions concerning this proposal:

1. In the areas proposed for channel deepening, will there be any impacts to existing submerged and/or emergent vegetation?
2. Regarding the proposed fishing fleet, what will be the expected increase in vessel traffic and expected traffic pattern, in the vicinity of the inlet, due to the proposed commercial marina?
3. How was it established that the 360,000 cubic yards of material removed from the channel is of beach quality? Where will the material that is not beach quality be placed?

We will be able to address impacts related to manatees, sea turtles and right whales after we have evaluated the answers to the above questions and during the permitting process.

### Dredging

Review of the project indicates that dredging is being proposed to increase the navigability of the channels in Ponce de Leon Inlet. It appears that the majority of the dredging proposed will occur in areas which have been previously dredged, but which will be re-dredged to increase depth. In these areas, unless the channel width increases substantially as a result of the dredging, there should be few expected impacts.

Post-It* Fax Note	7671	Date	# of pages	2
To	Keri Akers	From	Dan Pennington	
Co./Dept.		Co.		
Phone #		Phone #	487-2231	
Fax #		Fax #		

ircs"

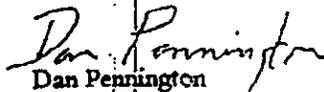
Mention was made to realigning the southern portion of Ponce de Leon Federal Channel in the Indian River to Cut- 24 of Intracoastal Water Way. No details were provided regarding this realignment proposal, nor were details provided regarding the existing resources in this area. New dredging may have substantial impact to resources such grass beds.

No details were provided regarding the dock expansion, so the impacts of the proposed work are impossible to appraise. If the dock expansion is to occur in undisturbed areas, then there could be potential for resource impact.

A DEP, Environmental Resource Permit (ERP) will be required for both the dredging and the proposed dock expansion. Evaluation of impacts, as well as stormwater management concerns are within the jurisdiction of the ERP process. The process also determines the status of the proposed project with respect to State Water Quality Certification, required to obtain a Army Corps of Engineers permit. In addition, construction of the portion of project involving realignment and deepening of the navigation channels and placement of dredged material seaward of the Coastal Construction Control Line (CCCL) would require issuance of a Joint Coastal Permit (JCP) by the DEP Bureau of Beaches and Coastal Systems, pursuant to Chapters 161, 373, and 253, F.S. Sediment geotechnical information will be required to determine whether the material dredged from the navigation channels is suitable for placement on the beach disposal area. A portion of the dredged material that is not beach quality (over 10% fines), may be determined to be suitable for placement in the nearshore disposal area. An alternative disposal site should also be established for dredged material determined to be unsuitable for placement at either of these sites.

If you have any questions please call me at (904) 487-2231.

Cordially,



Dan Pennington

Office of Intergovernmental Programs

DP

cc: Ruth McLemore-Price, Central District DEP - Orlando  
Lauran Milligan, Beaches and Coastal System  
Carol Knox, Office of Protected Species Management  
Fritz Wettstein, Division of Marine Resources  
Terry Zable, Central District DEP - Orlando

JNTY: VOLUSIA

DATE: 03/25/97  
COMMENTS DUE - 2 WKS: 04/08/97  
CLEARANCE DUE DATE: 05/09/97  
SAI#: FL9210021642CR

sage:

STATE AGENCIES

WATER MANAGEMENT DISTRICTS

OPB POLICY UNITS

Community Affairs  
Environmental Protection  
Game and Fresh Water Fish Comm  
Marine Fisheries Commission  
OTED  
State  
Transportation

St. Johns River WMD

Environmental Policy/C & ED

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MAR 27 1997

MARINE FISHERIES  
COMMISSION

RECEIVED  
MAR 28 1997

State of Florida Clearinghouse

attached document requires a Coastal Zone Management Act/Florida  
Coastal Management Program consistency evaluation and is categorized  
as follows:

Federal Assistance to State or Local Government (15 CFR 930, Subpart F).  
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Project Description:

U.S. Army Corps of Engineers - Proposed  
Navigation Improvements and Commercial  
Facilities - Ponce de Leon Inlet, Volusia County,  
Florida

To: Florida State Clearinghouse  
Department of Community Affairs  
2555 Shumard Oak Boulevard  
Tallahassee, FL 32399-2100  
(904) 922-5438 (SC 292-5438)  
(904) 414-0479 (FAX)

EO. 12372/NEPA

Federal Consistency

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- Not Applicable

- No Comment/Consistent
- Consistent/Comments Attached
- Inconsistent/Comments Attached
- Not Applicable

From:

Division/Bureau:

Reviewer:

Date:

MARINE FISHERIES COMMISSION  
2540 EXECUTIVE CENTER CIRCLE WEST  
SUITE 106  
TALLAHASSEE, FLORIDA 32301

*[Handwritten signature]*  
*[Handwritten date: 3-27-97]*



COUNTY: VOLUSIA

DATE: 03/25/97  
COMMENTS: E-2 WKS: 04/08/97  
CLEARANCE DUE DATE: 05/09/97  
SAI#: FL9210021642CR

Message:

STATE AGENCIES	WATER MANAGEMENT DISTRICTS	OPB POLICY UNITS
Community Affairs Environmental Protection Game and Fresh Water Fish Comm Marine Fisheries Commission OTED State Transportation	St. Johns River WMD	Environmental Policy/C & ED

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**Project Description:**

U.S. Army Corps of Engineers - Proposed Navigation Improvements and Commercial Facilities - Ponce de Leon Inlet, Volusia County, Florida

To: Florida State Clearinghouse  
Department of Community Affairs  
2555 Shumard Oak Boulevard  
Tallahassee, FL 32399-2100  
(904) 922-5438 (SC 292-5438)  
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- Inconsistent/Comments Attached
- Not Applicable

FROM: Florida Department of Transportation

  
Jim Hayden, Systems Planning Supervisor

DATE: 4/2/97



**WATER  
MANAGEMENT  
DISTRICT**

**POST OFFICE BOX 1429**      **PALATKA, FLORIDA 32178-1429**

TELEPHONE 904-329-4500      SUNCOM 904-860-4500  
TDD 504-329-4450      TDD SUNCOM 860-4450

FAX (EXECUTIVE/LEGAL) 329-4125      (PERMITTING) 329-4315      (ADMINISTRATION/FINANCE) 329-4508

---

**SERVICE CENTERS**

618 E. South Street Orlando, Florida 32801 407-897-4300 TDD 407-897-5960	7775 Baymeadows Way Suite 102 Jacksonville, Florida 32256 904-730-6270 TDD 904-448-7900	<b>PERMITTING:</b> 305 East Drive Melbourne, Florida 32904 407-984-4940 TDD 407-722-5368	<b>OPERATIONS:</b> 2133 N. Wickham Road Melbourne, Florida 32935-8100 407-254-1762 TDD 407-253-1203
---	---	--	---

April 16, 1997

**RECEIVED**  
APR 24 1997

Ms. Keri Akers  
Florida State Clearinghouse  
Department of Community Affairs  
2555 Shumard Oak Blvd.  
Tallahassee, FL 32399-2100

State of Florida Clearinghouse

Re: SAI #: FL9210021642CR  
Name of Project: USACE - Proposed Navigation Improvements and Commercial Facilities - Ponce de Leon Inlet, Volusia County, Florida.

Dear Ms. Akers:

The staff of the St. Johns River Water Management District (SJRWMD) has reviewed the above referenced project and offers the following comments regarding the District's areas of responsibility which include water quality, water supply, flood protection, and natural systems.

Staff believes that the proposed project would be consistent with SJRWMD's goals and objectives as long as all projects conform to SJRWMD design and construction criteria defined in Chapter 40C-4, F.A.C. A particular project may be considered "consistent" with SJRWMD rules when a District permit is issued or the project is exempted from our permitting requirements.

In this project, any individual Environmental Resource Permit (ERP) that may be required owing to the project's size or probable wetland impacts would be reviewed by the Department of Environmental Protection (DEP). DEP assumes ERP responsibilities for projects involving large commercial marinas, navigational dredging, and work seaward of the coastal construction control line according to the August 1994 Operating Agreement between the District and DEP. Staff believes the project could be designed and constructed to avoid unacceptable, adverse impacts to adjacent properties and natural resources.

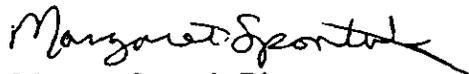
For additional information on the permitting process, the applicant can contact SJRWMD's Orlando Service Center at (407) 897-4300.

This letter does not constitute or substitute for a permit review. Permit reviews require more specific information.

William M. Segal, CHAIRMAN MAITLAND	Dan Roach, VICE CHAIRMAN FERNANDINA BEACH	James T. Swann, TREASURER COCOA	Otis Mason, SECRETARY ST. AUGUSTINE
athy Chinoy JACKSONVILLE	Griffin A. Greene VERO BEACH	James H. Williams OCALA	Patricia T. Harden SANFORD
			Reid Hughes DAYTONA BEACH

If you have any questions about our comments, please contact me at (904) 329-4374.

Sincerely,

A handwritten signature in cursive script that reads "Margaret Spontak". The signature is written in black ink and is positioned above the typed name.

Margaret Spontak, Director  
Division of Policy and Planning

EJ/REG/ls

INTY: VOLUSIA

DATE: 03/25/97

COMMENTS DUE - 2 WKS: 04/08/97

CLEARANCE DUE DATE: 05/09/97

SAI#: FL9210021642CR

sage:

STATE AGENCIES

WATER MANAGEMENT DISTRICTS

OPB POLICY UNITS

Community Affairs  
Environmental Protection  
Game and Fresh Water Fish Comm  
Marine Fisheries Commission  
OTED  
State  
Transportation

X St. Johns River WMD

Environmental Policy/C & ED

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Project Description:

U.S. Army Corps of Engineers - Proposed  
Navigation Improvements and Commercial  
Facilities - Ponce de Leon Inlet, Volusia County,  
Florida

o: Florida State Clearinghouse  
Department of Community Affairs  
2555 Shumard Oak Boulevard  
Tallahassee, FL 32399-2100  
(904) 922-5438 (SC 292-5438)  
(904) 414-0479 (FAX)

EO. 12372/NEPA

Federal Consistency

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- Comments Attached
- Not Applicable

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- Consistent/Comments Attached
- Inconsistent/Comments Attached
- Not Applicable

rom:

Division/Bureau: Policy & Planning

Reviewer: Margaret H. Spontak

Date: 4-16-97

INTY: VOLUSIA

*mary*

DATE: 03/25/97

COMMENTS: JE-2 WKS: 04/08/97

CLEARANCE DUE DATE: 05/09/97

SAI#: FL9210021642CF

sage:

STATE AGENCIES

Community Affairs  
Environmental Protection  
Game and Fresh Water Fish Comm  
Marine Fisheries Commission  
OTED  
State  
Transportation

WATER MANAGEMENT DISTRICTS

St. Johns River WMD

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MAY 2 1997

State of Florida Clearinghouse

OPB POLICY UNITS

X Environmental Policy/C & ED

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MAR 26 1997

OFFICE OF PLANNING  
& BUDGETING  
ENVIRONMENTAL POLICY UNIT

Attached document requires a Coastal Zone Management Act/Florida  
al Management Program consistency evaluation and is categorized  
as of the following:

Federal Assistance to State or Local Government (15 CFR 930, Subpart F).  
Agencies are required to evaluate the consistency of the activity.

Direct Federal Activity (15 CFR 930, Subpart C). Federal Agencies are  
required to furnish a consistency determination for the State's  
concurrence or objection.

Outer Continental Shelf Exploration, Development or Production  
Activities (15 CFR 930, Subpart E). Operators are required to provide a  
consistency certification for state concurrence/objection.

Federal Licensing or Permitting Activity (15 CFR 930, Subpart D). Such  
projects will only be evaluated for consistency when there is not an  
analogous state license or permit.

Project Description:

U.S. Army Corps of Engineers - Proposed  
Navigation Improvements and Commercial  
Facilities - Ponce de Leon Inlet, Volusia County,  
Florida

3: Florida State Clearinghouse  
Department of Community Affairs  
2555 Shumard Oak Boulevard  
Tallahassee, FL 32399-2100  
(904) 922-5438 (SC 292-5438)  
(904) 414-0479 (FAX)

EO. 12372/NEPA

Federal Consistency

- No Comment
- Comments Attached
- Not Applicable

- No Comment/Consistent
- Consistent/Comments Attached
- Inconsistent/Comments Attached
- Not Applicable

From:

Division/Bureau: EOG OPB Env. Policy

Reviewer: M. Tenney

Date: 4/30/97

VISIONS OF FLORIDA DEPARTMENT OF STATE  
Office of the Secretary  
Office of International Relations  
Division of Administrative Services  
Division of Corporations  
Division of Cultural Affairs  
Division of Elections  
Division of Historical Resources  
Division of Library and Information Services  
Division of Licensing



*J. Powell*

MEMBER OF THE FLORIDA CABINET  
Historic Florida Keys Preservation Board  
Historic Palm Beach County Preservation Board  
Historic Pensacola Preservation Board  
Historic St. Augustine Preservation Board  
Historic Tallahassee Preservation Board  
Historic Tampa/Hillsborough County  
Preservation Board  
Ringling Museum of Art

FLORIDA DEPARTMENT OF STATE  
Sandra B. Mortham  
Secretary of State  
DIVISION OF HISTORICAL RESOURCES

June 30, 1997

Mr. Hanley K. Smith  
Planning Division  
Environmental Branch  
Department of the Army  
Jacksonville District Corps of Engineers  
P. O. Box 4970  
Jacksonville, Florida 32232-0019

In Reply Refer To:  
Robin D. Jackson  
Historic Sites Specialist  
Project File No. 972133

RE: Cultural Resource Assessment Request  
U. S. Army Corps of Engineers - Realign Southern Portion of federal Navigation Channel  
in Indian River to Cut-24 of Intercoastal Waterway (IWW) and Deepen IWW Channel  
from Cut-24 North to the Vicinity of Former Swoope Power Plant

Dear Mr. Smith:

In accordance with the procedures contained in 36 C.F.R., Part 800 ("Protection of Historic Properties"), we have reviewed the referenced project(s) for possible impact to historic properties listed, or eligible for listing, in the National Register of Historic Places. The authority for this procedure is the National Historic Preservation Act of 1966 (Public Law 89-665), as amended.

A review of the Florida Site File indicates that no significant archaeological or historical sites are recorded for or likely to be present within the project area. Furthermore, because of the project location and/or nature it is unlikely that any such sites will be affected. Therefore, it is the opinion of this office that the proposed project will have no effect on historic properties listed, or eligible for listing, in the National Register of Historic Places.

If you have any questions concerning our comments, please do not hesitate to contact us. Your interest in protecting Florida's historic properties is appreciated.

Sincerely,

*Laura B. Kammerer*

*for*

George W. Percy, Director  
Division of Historical Resources  
and  
State Historic Preservation Officer

GWP/Jrj

DIRECTOR'S OFFICE

R.A. Gray Building • 500 South Bronough Street • Tallahassee, Florida 32399-0250 • (904) 488-1480  
FAX: (904) 488-3353 • WWW Address <http://www.dos.state.fl.us>

ARCHAEOLOGICAL RESEARCH  
(904) 487-2299 • FAX: 414-2207

HISTORIC PRESERVATION  
(904) 487-2333 • FAX: 922-0496

HISTORICAL MUSEUMS  
(904) 488-1484 • FAX: 921-2503

FLORIDA DEPARTMENT OF STATE  
Office of the Secretary  
Office of International Relations  
Office of Administrative Services  
Office of Corporations  
Office of Cultural Affairs



MEMBER OF THE FLORIDA CABINET  
Division of Library & Information Services  
Division of Historical Resources  
Banking Museum of Art  
Division of Licensing  
Division of Elections

FLORIDA DEPARTMENT OF STATE  
Sandra B. Mortham  
Secretary of State  
DIVISION OF HISTORICAL RESOURCES

August 27, 1997

Mr. Dennis R. Duke  
Planning Division, Environmental Branch  
Jacksonville District, Corps of Engineers  
P.O. Box 4970  
Jacksonville, Florida 32232-0019

In Reply Refer To:  
Scott B. Edwards  
Historic Sites Specialist  
Project File No. 973791

RE: Cultural Resource Assessment Request  
Florida Inland Navigation District (FIND)  
Two Proposed Dredged Material Management Area (DMMA)  
MSA 434/434C North and MSA 434/434C South  
Volusia County, Florida

Dear Mr. Duke:

In accordance with the procedures contained in 36 C.F.R., Part 800 ("Protection of Historic Properties"), we have reviewed the referenced projects for possible impact to historic properties listed, or eligible for listing, in the *National Register of Historic Places*. The authority for this procedure is the National Historic Preservation Act of 1966 (Public Law 89-665), as amended.

A review of the Florida Master Site File indicates that no significant archaeological or historical sites are recorded for or likely to be present within the project area. Furthermore, because of the project location and/or nature it is unlikely that any such sites will be affected. Therefore, it is the opinion of this office that the proposed project will have no effect on historic properties listed, or eligible for listing, in the *National Register of Historic Places*.

If you have any questions concerning our comments, please do not hesitate to contact us. Your interest in protecting Florida's historic properties is appreciated.

Sincerely,

for George W. Percy, Director  
Division of Historical Resources  
and  
State Historic Preservation Officer

GWP/Ese

DIRECTOR'S OFFICE

R.A. Gray Building • 500 South Bronough Street • Tallahassee, Florida 32399-0250 • (850) 488-1480  
FAX: (850) 488-3353 • WWW Address: <http://www.dos.state.fl.us>

ARCHAEOLOGICAL RESEARCH

HISTORIC PRESERVATION

HISTORICAL MUSEUMS



UNITED STATES DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
NATIONAL MARINE FISHERIES SERVICE

Southeast Regional Office  
9721 Executive Center Drive North  
St. Petersburg, Florida 33702

April 16, 1997

Colonel Terry Rice  
District Engineer, Jacksonville District  
Department of the Army, Corps of Engineers  
Planning Division, Environmental Branch  
P.O. Box 4970  
Jacksonville, Florida 32232-0019

Dear Colonel Rice:

The National Marine Fisheries Service (NMFS) has reviewed your staff's letter, dated March 18, 1997, requesting comments and study objectives for proposed navigation improvements at Ponce DeLeon Inlet, Volusia County, Florida. The Corps of Engineers (COE) has been studying a series of alternatives to address navigation problems which have occurred since project construction was completed in July 1972. In addition to navigation problems, the COE is now studying the feasibility of deepening portions of the south channel and Atlantic Intracoastal Waterway from 12-foot deep to 16-foot deep to accommodate a proposed commercial marina at the old Swoope Power Plant site.

Deepening and/or widening navigation channels at Ponce DeLeon Inlet could adversely affect living marine resources for which we are responsible. The project area contains wetlands and other aquatic habitats that are recognized by the NMFS as public trust resources that provide habitat and water quality functions that are essential to maintaining viable recreational and commercial fisheries in the Halifax River and Indian River North/Mosquito Lagoon ecosystems. Freshwater, brackish and salt marshes, mangrove wetlands, shellfish reefs, tidal flats and seagrasses could be affected by the proposed action.

In its March 1995 Status Report to the NMFS's Regional Administrator, the COE identified data gathering activities undertaken for a model study and physical model of the proposed navigational improvements at Ponce DeLeon Inlet. These models should be modified or new models constructed to assess the impact of the proposed action. Impacts on tidal flows, freshwater input flows, currents and salinity regimes should be addressed. The NMFS is concerned, for instance, that altering salinity regimes could have significant effects on the existing environments within the Inlet. The conversion or loss of emergent wetlands or seagrasses could occur and the physical/chemical components of niches could be lost thus impacting food-chain and population dynamics. For example, oyster drills could be introduced into shellfish areas which were previously protected from predation by salinity barriers.



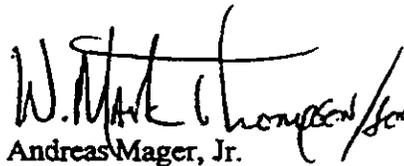
In view of the above, the NMFS recommends that in its study the COE should address the following:

- 1). The alternatives to the proposed action;
- 2) The aquatic habitats within the Inlet and the potential direct (e.g. dredging) and indirect (e.g. modified salinity) alterations that may occur to various habitats;
- 3) The affect of habitat alterations from the proposed action on commercial and recreational fisheries in the area as well as the effect on ecologically important (i.e. food chain) species; and,
- 4) The alternatives available to compensate for the loss or alteration of aquatic habitats.

Also, it is our understanding that the proposed marina facility, which has prompted this study, has not received all necessary authorizations to be constructed including a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act. The NMFS has provided comments and recommendations to previous marina permit applications including recommendations to deny Department of the Army authorization of a marina at the Swoope Power Plant site. The need for the proposed action should be clearly identified prior to committing irretrievable resources to this project that would adversely affect living marine resources.

If we can be of further assistance, please advise. Related comments, questions or correspondence should be directed to Mr. David N. Dale of our Panama City Branch Office in St. Petersburg, Florida. He may be contacted at 813/570-5317 or at the letterhead address above.

Sincerely,



Andreas Mager, Jr.  
Assistant Regional Director  
Habitat Conservation Division

cc:  
EPA,ATL  
DEP,TALL  
GFWFC,TALL  
FWS,JACKSONVILLE  
F/SEO2  
F/SEO23-ST PETE

June 9, 1997

Planning Division  
Environmental

Mr. David Hankla  
Field Supervisor  
U. S. Fish and Wildlife Service  
Suite 310  
6620 Southpoint Drive, South  
Jacksonville, Florida 32217

Dear Mr. Hankla:

The U.S. Army Corps of Engineers (Corps), Jacksonville District, is initiating consultation under Section 6(a)(2) of the Coastal Barrier Resources Act (CBRA) for Unit P08 of the Coastal Barrier Resources System, Ponce De Leon Inlet, Florida. Section 6(a)(2) of the Act states that " In General - Notwithstanding Section 5, the appropriate Federal officer, after consultation with the Secretary, may make Federal expenditures and may make financial assistance available within the System for the following: (2) The maintenance or construction of improvements of existing Federal navigation channels (including the Intracoastal Waterway) and related structures (such as jetties), including the disposal of dredge materials related to such maintenance or construction."

Based on the Exceptions listed in Section 6(a)(2) above, the Corps believes that the proposed expansion of the Ponce De Leon Inlet Navigation project to include dredging of the Intracoastal Waterway is exempt from the Coastal Barrier Resources Act and requests your concurrence in this matter. If you have further questions, please feel free to contact this office.

Sincerely,

Hanley K. Smith  
Acting, Chief, Planning Division

Boothby/CESAJ-PD-ER/3/3/1997  
Dugger/CESAJ-PD-ER  
Smith/CESAJ-PD-E  
Murphy/CESAJ-PD-PN  
Strain/CESAJ-PD-P  
Smith/CESAJ-PD-E/CESAJ-PD

w/boothby/pdicbra

**FEGER SEAFOOD, INC.**  
**P.O BOX 24**  
**244 N. CAUSEWAY**  
**NEW SMYRNA BEACH, FL 32170-0024**

March 28, 1997

Mr. Hanley K. Smith  
Acting Chief, Planning Division  
Environmental Studies Section  
Department of The Army  
Jacksonville District Corps of Engineers  
P.O. Box 4970  
Jacksonville, Florida 32232-0019

**Reference: Proposed navigation improvements at Ponce DeLeon Inlet, Volusia County, Florida**

Dear Mr. Smith:

As per your document dated March 18, 1997 soliciting views and comments concerning the above reference, we wish to submit the following:

1. Being established in 1938, Feger Sea Food, Inc. is the oldest retail/wholesale business in New Smyrna Beach. Our Manager, Steve Feger is the third generation relying on our commercial activity for his livelihood and his son Joshua will be the fourth (4th) generation.

2. We strongly protest the development of a new facility as proposed for seafood processing. This new facility will impact on the private business of Feger Sea Food, Inc. Being in business for all these years, it should be obvious that we are not opposed to any business coming into the area, however we are opposed to the use of our public tax dollars for assisting a business that will be in competition with and that would so greatly impact the future of the business and the livelihood of the family and all our employees.

3. We have repeatedly requested a minimal dredging of the Inlet to assist in the safety of navigation of the fleet that we serve, only to be denied by the CORPS. The proposed project seems to be a double standard and "smacks" of discrimination to us to deny the oldest business of New Smyrna while at the same time considering the expenditure of hundreds of thousands of dollars at the expense of our livelihood at Feger Seafood, Inc.

4. It is our belief (view) that there is more than ample dockage and supporting facilities that currently exist that could be expanded and/or improved that would have minimal economic and environmental impact, compared to the proposed project.

5. We at Feger Seafood, Inc. have a long history of concern for the environment and consider ourselves and insist that our employees exhibit stewardship of the environment and nature in general. The proposed projects dredging of 360,00 cubic

yards and the subsequent building of 25-35,000 square feet of buildings can only adversely affect an already fragile ecosystem.

6. It does not take a rocket scientist to realize that since seafood harvest quotas have already been drastically reduced for all species, there must be a diminishing supply of same. Shrimp harvesting is seasonal; six months per year (winter season of October, November, December and summer season of June, July and August). Your document of a yearly average number of vessels is misleading. It would seem that common sense has fallen by the wayside or there are those that insist upon ignoring common sense in proposing a project that would future reduced an already limited supply of seafood. With a proposed homeport/transient 100-120 vessel fleet, where are the shrimp and other seafood for this size fleet? Is it not short sighted to add a greater harvest that would expedite the over harvest of an already fragile population of seafood? Bigger is not always better and we feel that the "proposed project is a "paper tiger" that is misleading to say the least and servers a few developers at the cost of those of us established businesses.

7. We are not opposed to the correction of the shifting channels of Ponce DeLeon Inlet as evidenced by our requests to the CORPS and support the removal of the Inlet as the 7th worst in the United States. However, our support and concern is not driven by monetary motives as one would have to think the developers of the proposed project are. During our long tenure, Feger Seafood, Inc. has lost six (6) shrimp boats and the life of one of our crew. Even those these tragedies were not Inlet related, as a serendipity, we realize the devastating effects of 109 capsized boats on the economy of those in business. More importantly, the 20 seamen that have lost their lives should be the driving force in the Inlet project, not the driving force of development.

8. As previously stated, "bigger is not always better", we can also state without fear of contradiction that development and growth does not pay for itself. It is obvious to us that read between the lines of the proposed project that the developers that are the driving force does not want the public to know that the channelization and associated improvements will be only the "tip of the iceberg". With no area ice production facilities for packing, fuel storage, proper roads needed for the increased traffic (adding to an already significant problem), associated support services, etc, our current natural beauty and environmental integrity of the area and Inlet will be in jeopardy. All of us that live in this area, along with the tourist will have a reduced quality of life. Some things are best left as they are in order to protect us, the human species, along with all the endangered and threatened wildlife.

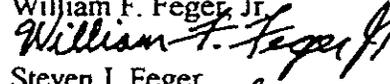
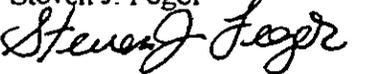
9. It is worthy of note that though we support expenditure of our public tax dollars to assure safe navigation of vessels through the Inlet, we will strongly contest and will fight for our right to refuse to allow the use of governmental tax dollars to assist the development of facilities,(not only in direct competition of Feger Seafood, Inc. and many of our friends that own marinas) by a hand full of developers tottering on the side of greed.

Joshua Feger, our fourth (4th) generation is too young to fight his fight to preserve his heritage but rest assured that we will fight the fight for him.

If common sense should not prevail and the powers beyond our influence and/or control decided that an expanded seafood processing business is a must, then we wish to go on record that Feger Seafood, Inc. has all the dockage and associated services necessary and are open to negotiating the sale of our business in lieu of losing the same after a one-half century of back breaking work. Joshua will not understand, but then neither will we. However, we intend to not only remain as the oldest business in New Smyrna Beach but remain as a viable enterprise for not only the Fegers, but for all our employees and their families.

To assist us in the fairness of the "fight", we hereby request, under the 1973 United States Freedom of Information Act, copies of ALL correspondence concerning the proposed project, current and in the future. This request includes ALL document and ALL names of parties associated with the request(s) of the proposed project, whether they be private, public and/or governmental. The request for ALL documents includes telephone logs, letters, memos, minutes of meetings and any other documents. The information should be sent in a timely manner, as mandated by law, to the address on the letterhead.

Respectfully yours,

William F. Feger, Jr.  
  
Steven J. Feger  


C: Legal Council

Environmental Consultant, Bayliss Prater, Certified Environmental Professional  
File

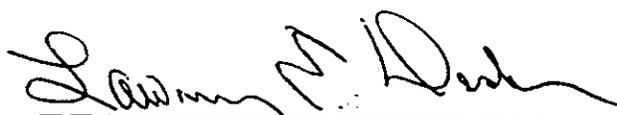
Aug. 18, 1997

M  
MMD  
Standing  
Wolff  
W2645

Memo to Corps of Engineers: (Mr. Murphy) (Jerry Scarborough??)

From: Lawrence E. Decker, concerned citizen

1. Information for your files on the Ponce Inlet commercial Port project by Dan O'Brien, Volusia County Port Authority
2. A lot of the local people and some govt. officials feel it is illogical to waste scarce federal and County tax dollars on a feasibility study re: a commercial fishing port at Ponce Inlet.
3. They feel things are too uncertain on the local level to even start thinking about such a study. Please hold off on the study until ownership of the Swoope's Electric Power Plant issue is decided by NSB and Volusia County. Right now NSB doesn't want to sell.
4. If this fishing port is finally built, local people believe it will be a subsidized "white Elephant", costing taxpayers millions initially and millions in the future to keep it going. Thank you---



Lawrence E. Decker  
5906 John Anderson Hiway  
Flagler Beach, Fla. 32136

904-672-7867

Enclosures:



# County of Volusia

## Ponce DeLeon Port Authority

700 Catalina Drive, Suite 125 • Daytona Beach, Florida 32114  
Telephone: (904) 248-8072 • Fax: (904) 248-8075

TO: Hal Buckland, Director  
Economic Resource Service Center

FROM: Dan O'Brien, Director  
Port Authority Service Group

DATE: August 6, 1997

RE: F.I.N.D. Reimbursement Grant to Analyze Deepening the Inlet - \$50,000

---

Please find enclosed (2) two letters:

- (1) Feger Seafood
- (2) City of New Smyrna Beach

These letters were used by Mr. Lawrence Decker a long time anti-port person to challenge the F.I.N.D. staff recommendation to fund our grant, thus killing the grant for this year.

The County Council entered an agreement with the Corps to evaluate the deepening of the inlet to allow the more modern and larger fishing fleets to use our proposed facility at the Swoope power plant. The Port Authority has sent \$100,000.00 and executed this agreement months ago to initiate the project. This department applied for a \$50,000.00 F.I.N.D. reimbursement grant. Mr. Decker did not curtail the project. He just cost the taxpayers of Volusia County \$50,000.00 and accomplished nothing.

What bothers me are the letters. Mr. Feger has always been a proponent of re-stabilizing the inlet. He has his property up for sale. He has talked to me about moving to the proposed facility. I don't know where he is coming from unless he is scared of possible competition.

The City of New Smyrna Beach letter is the one that really concerns me. After two meetings with the City Manager and the Mayor discussing the issue, i.e., we discussed buying the Feger property that they need for their Riverside Re-Development plan and swapping the Feger parcel for the Swoope Plant, I was authorized by the City to proceed with negotiation with Mr. Feger. Based on an MAI appraisal I offered Mr. Feger verbally \$600,000.00 for his property, subject to the city swapping the power plant site. Mr. Feger talked with his wife and contacted me and



asked if we could increase the offer a little and I told him I would get back to him. I informed the city of the offer, no one said anything. I have kept you apprised of what was going on. In fact you attended one of the meetings with the Mayor and Manager. When County Councilperson Northey brought up the issue of a workshop, you told me not to proceed any further until after the workshop, which I have done.

This city letter flies in the face of reality and also cost the citizens of the district and New Smyrna Beach \$50,000.00 for no reason.

In my opinion the restabilization of this inlet is paramount for the safety of boaters and the economic well being of our Marine and Tourist Industry.

It is of the utmost importance to meet with the city regarding these issues.

Please keep me advised.

C: Lawrence Arrington, County Manager  
City of New Smyrna Beach  
Bill Feger

1



# City of New Smyrna Beach

Office of the Mayor & City Commissioners

July 30, 1997

Mr. Art Wilde, Executive Director  
FIND  
1314 Marcinski Road  
Jupiter, Florida 33477

Re: Ponce Inlet

Dear Mr. Wilde:

I learned today that Volusia County has applied for a grant for a Ponce Inlet project. The project, as I understand it, would only happen if the City agreed to allow the County to use our Swoope power site. I would like to inform you that the City has no agreement with the County and the possibility exists that no such agreement will occur for the Swoope site.

Thanks for your time, and I hope this information is helpful to you.

Sincerely,

James L. Vandergriff  
Mayor



# City of New Smyrna Beach

Office of the Mayor & City Commissioners

July 29, 1997

Mr. Edward Aftuck  
Inlet Shores Homeowners Association  
32 Cunningham Drive  
New Smyrna Beach, FL 32168

Dear Mr. Aftuck,

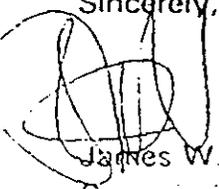
I am in receipt of your recent letter and express like sentiments regarding the Swoope Power Plant site.

As one Commissioner, I personally do not feel use of the site as a commercial fish processing plant would be a beneficial venture for the community as a whole. I will express my feelings in that regard during any discussion that entertains that proposal.

There are other possibilities and I am sure they will be carefully reviewed by the Commission prior to making any decision regarding the use of that site.

Thank you for expressing your concern regarding use of the Swoope site.

Sincerely,



James W. Hathaway  
Commissioner, Zone 3

JWH/rjh

2

Edward Aftuck  
Inlet Shores Homeowners Association  
32 Cunningham Dr.  
New Smyrna Beach, FL 32168

City of New Smyrna Beach  
100 Sams Ave.  
New Smyrna Beach, FL 32168

To the City of New Smyrna Beach City Commissioners and Planning Board Members;

I am writing to request that the City of New Smyrna Beach look into other alternatives for the use of the Swoop Power Plant before selling the property to the county to be used as a commercial fish processing plant. Please take into consideration the tax payers of Inlet Shores as well as adjoining property owners in a two mile radius of Swoop Power Plant.

A fish processing plant would adversely impact the value of the properties in the north section of New Smyrna Beach. I lived in Fernandina Beach, FL, and the smell coming from the fish processing plant there was terrible. I can't imagine trying to sell a home with that aroma in the air.

It is my understanding that according to the deed for the Swoop plant property (copy attached), that the property is to be used for public purposes only, and that the city can not sell or lease the property to any private person, firm or corporation.

Surely, there must be a better usage for this property; one that would not have a negative effect on the existing taxpayers the area.

Sincerely,



Edward Aftuck  
Pres. Inlet Shores Homeowners Association

# **Feger Seafood Inc.**

PO BOX 24  
NEW SMYRNA BEACH, FL 32170  
FAX (904) 427-5716  
PHONE (904) 428-4441

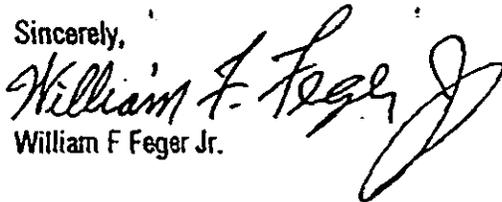
July 31, 1997

Dear Volusia County Commissioners,

During our meeting in Deland some of the untruths that were stated were that we had plenty of fishing grounds here, which is untrue. I have four boats ("Bold Challenge", "Big Eric", "2nd Stage", and "Miss Emma") leaving now for the west coast due to the rules, regulations, and permits involved here. The shark season was open three weeks and then closed. You have to catch 20,000 pounds of snapper per year to qualify for that permit, and only a couple of boats have been able to do that in the last several years. Right now there are already too many boats for the size of our fishing grounds off Ponce Inlet and for the amount of fish we are allowed to catch.

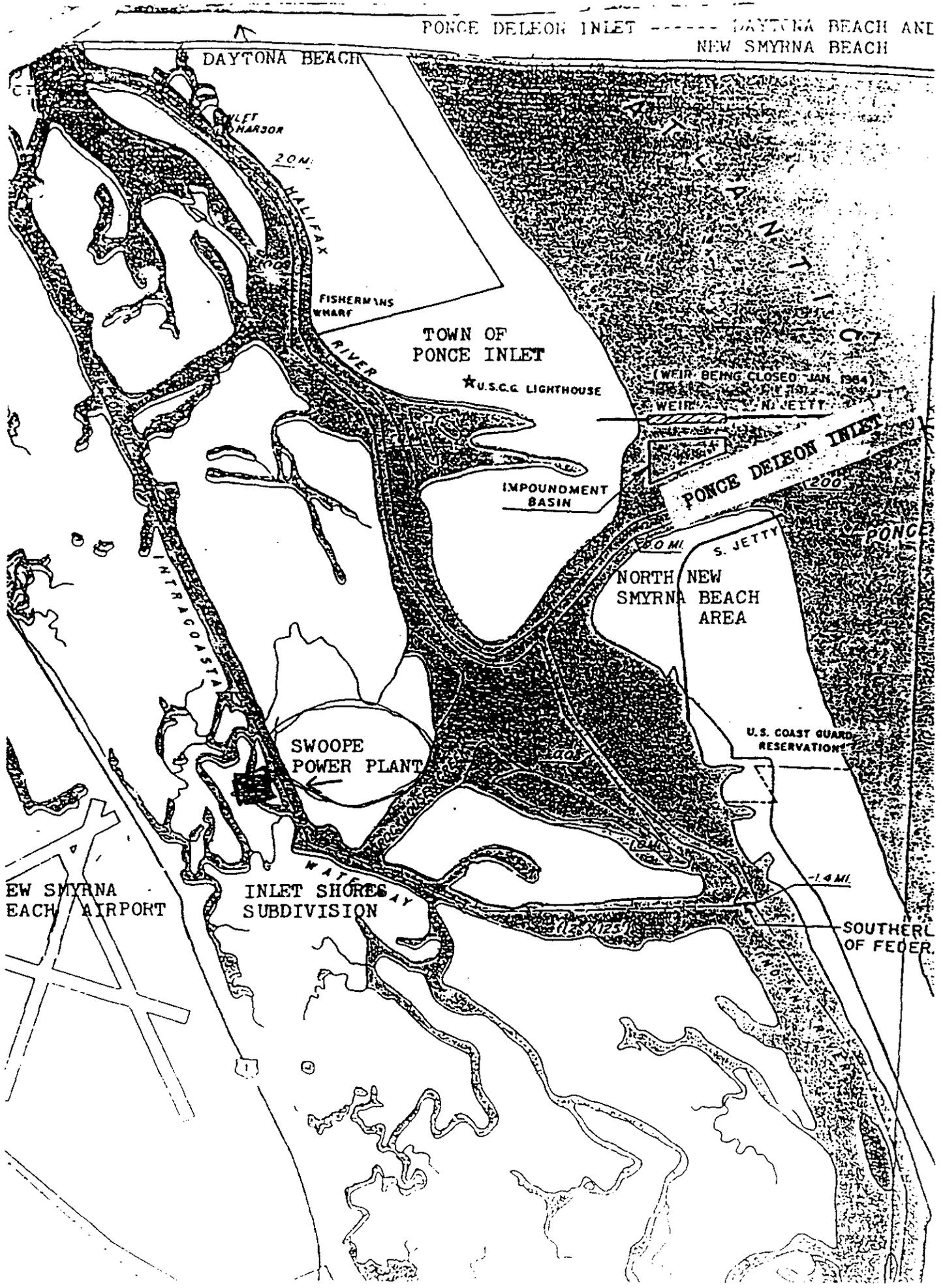
If you would like to know the truth about the catches off the east coast of Florida you can contact Claudia Dennis at 904-427-6562. She is the National Marine Fisheries Service Biologist whose office is in New Smyrna Beach.

Sincerely,



William F Feger Jr.

Copy to: Army Corps of Engineers, Jacksonville, Fla.  
Fla. Inland Navigation District, Jupiter, Florida  
City of New Smyrna Beach, Fla.  
Claudia Dennis, Biologist, National Marine Fisheries Service  
at New Smyrna Beach, Fla.





# Department of Environmental Protection

orig to PO-E  
CF: DP-I (Murphy)  
CO

Lawton Chiles  
Governor

Marjory Stoneman Douglas Building  
3900 Commonwealth Boulevard  
Tallahassee, Florida 32399-3000

Virginia B. Wetherell  
Secretary

## CERTIFIED MAIL - RETURN RECEIPT REQUESTED

May 21, 1997

Mr. Richard E. Bonner, P.E.  
Jacksonville District  
U. S. Army Corps of Engineers  
Post Office Box 4970  
Jacksonville, Florida 32232-0019

Dear Mr. Bonner:

Permit No. 64-286420-9, Volusia County  
U. S. Army Corps of Engineers, Jacksonville District  
Ponce De Leon Inlet Scour Apron

Your request to modify this permit has been received and reviewed by Department staff. The proposed modification is to authorize a landward extension of the authorized scour apron to be constructed along the inlet side of the north jetty of Ponce De Leon Inlet. The scour apron is to be extended approximately 900 feet landward from station 51+00 to station 60+05. The extension will require an additional 5,000 tons of bedding stone and 13,800 tons of rip-rap.

The above changes are not expected to adversely affect water quality and will be clearly in the public interest provided the Project Description is amended to the permit as issued:

The activity is to construct a scour apron approximately ~~1600~~ 2500 feet in length along the inlet side of the north jetty of Ponce De Leon Inlet in 25 to 45 feet of water between stations 35+00 and ~~51+00~~ 60+05. A two-foot thick bedding layer will be placed, extending from the toe of the jetty outward approximately 50 feet. A four-foot layer of granite rip-rap will then be placed on top of the bedding layer and will extend approximately 10 feet up the slope of the jetty, as shown on the approved drawings. The median size of the rip-rap will be 300 lbs. Total stone quantities are estimated to be ~~8900~~ 13,900 tons of bedding stone and ~~24,500~~ 38,300 tons of rip-rap.

Since the proposed modification is not expected to result in any water quality degradation or environmental resource impacts, the permit is hereby modified as requested. By copy of this letter and the attached drawings, we are notifying all necessary parties of the modification.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

This letter of approval does not alter the October 28, 2001 expiration date, other Specific or General Conditions, or monitoring requirements of the permit. This letter and the accompanying drawings must be attached to the original permit.

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000. Petitions filed by the permittee and the parties listed below must be filed within 14 days of receipt of this letter. Petitioner shall mail a copy of the petition to the permittee at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the permittee's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action; or proposed action;
- (d) A statement of the material facts disputed by petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this letter. Persons whose substantial interests will be affected by any decision of the Department with regard to the permit have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person

has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

This Notice constitutes final agency action unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 62-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this Notice will not be effective until further Order of the Department.

Any party to this letter has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000; and by filing a copy with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Notice of Permit Modification is filed with the Clerk of the Department.

Sincerely,



Robert M. Brantly, Jr., P.E.  
Professional Engineering Administrator  
Bureau of Beaches and Coastal Systems

RMB/rvl

cc: DEP, Central District  
DEP, Office of General Counsel  
Bradley Hartman, Florida Game and Fresh Water Fish Commission  
DEP, Division of State Lands

**FILING AND ACKNOWLEDGMENT**

FILED, on this date, pursuant to Section 120.52,  
Florida Statutes, with the designated Department Clerk,  
receipt of which is hereby acknowledged.

Debra Wimmer      5/23/97  
Clerk                                  Date











U.S. Department  
of Transportation

United States  
Coast Guard



Commander  
Seventh Coast Guard District

909 S.E. 1st Avenue  
Miami, FL 33130-3050  
Staff Symbol: (oan)  
Phone: (305) 536-5621  
FAX: (305) 530-7655

16500  
JBE 05-97

DEC - 1 1997

Mr. Dennis R. Duke  
Acting Chief, Planning Division  
Jacksonville District Corps of Engineers  
P.O. Box 4970  
Jacksonville, FL 32232-0019

Dear Mr. Duke:

Thank you for your letter of August 14, 1997 regarding the proposed extension of the Ponce DeLeon Inlet south channel. After review of the documentation enclosed in your letter, it does not appear that any change in the aid to navigation system will be necessary.

If you have any questions regarding this matter, please do not hesitate to call me at (305) 536-5621.

A handwritten signature in black ink, appearing to read "J. B. Embres".

J. B. EMBRES

Chief, Planning and Marine Information Section-  
Aids to Navigation and  
Waterways Management Branch  
Seventh Coast Guard District  
By direction of the District Commander



# United States Department of the Interior

FISH AND WILDLIFE SERVICE  
6620 Southpoint Drive, South  
Suite 310  
Jacksonville, Florida 32216-0912

IN REPLY REFER TO:

SEP 26 1996

Mr. A.J. Salem  
Chief, Planning Division  
U.S. Army Corps of Engineers  
P.O. Box 4970  
Jacksonville, Florida 32232-0019

ATTN: Rae Boothby

Dear Mr. Salem:

The U.S. Fish and Wildlife Service (Service), in accordance with an FY 1996 funding agreement with the U.S. Army Corps (Corps) of Engineers' Jacksonville District, is submitting the attached final Fish and Wildlife Coordination Act Report (CAR) for inclusion in the Feasibility Study of proposed navigation improvements to Ponce de Leon Inlet, Volusia County, Florida. The Service provided a Planning Aid Letter to the Corps on December 11, 1992, with reference to this project. This information is needed to enable the Corps to evaluate the proposed project alternatives to insure that they conform to current environmental needs and criteria. The report includes an analysis of expected wetland impacts and recommendations to lessen these impacts. There are also sections on endangered species and coastal barrier resources. The Service has determined that the alternatives proposed for improving navigation at Ponce Inlet are not likely to adversely impact the continued existence of any federally listed species within the action area. We also determined that the proposed alternatives are exempt from federal funding restrictions designated under the Coastal Barrier Resources Act of 1982, as amended.

The attached document constitutes the final report of the Secretary of the Interior as required by Section 2(b) of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), and completes the consultation requirements pursuant to Section 7 of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.) and Section 6 of the Coastal Barrier Resources Act of 1982, as amended (16 U.S.C. 3501 et seq.). This report represents the views of the Department of the Interior.

Sincerely yours,

Michael M. Bentzien  
Assistant Field Supervisor

Attachment:

DIVISIONS OF FLORIDA DEPARTMENT OF STATE  
Office of the Secretary  
Office of International Relations  
Division of Administrative Services  
Division of Corporations  
Division of Cultural Affairs  
Division of Elections  
Division of Historical Resources  
Division of Library and Information Services  
Division of Licensing



MEMBER OF THE FLORIDA CABINET  
Historic Florida Keys Preservation Board  
Historic Palm Beach County Preservation Board  
Historic Pensacola Preservation Board  
Historic St. Augustine Preservation Board  
Historic Tallahassee Preservation Board  
Historic Tampa/Hillsborough County  
Preservation Board  
Ringling Museum of Art

FLORIDA DEPARTMENT OF STATE  
Sandra B. Mortham  
Secretary of State  
DIVISION OF HISTORICAL RESOURCES

September 11, 1996

Mr. A. J. Salem, Chief  
Planning Division, Environmental Resources Branch  
Jacksonville District Corps of Engineers  
P.O. Box 4970  
Jacksonville, Florida 32232-0019

In Reply Refer To:  
Robin D. Jackson  
Historic Sites Specialist  
(904) 487-2333  
Project File No. 962505

RE: Cultural Resource Assessment Request  
Proposed Construction of Improvements to Ponce de Leon Inlet  
Extension of South Jetty/Reopening Weir in North Jetty/Construct Channel through Sand  
Spit West of North Jetty with Revetment along North Shore/Groin Field to Protect North  
Spit from Erosion/Construction of Revetment along North Shore of Breakthrough Area  
Volusia County, Florida

Dear Mr. Salem:

In accordance with the procedures contained in 36 C.F.R., Part 800 ("Protection of Historic Properties"), we have reviewed the referenced project(s) for possible impact to archaeological and historical sites or properties listed, or eligible for listing, in the *National Register of Historic Places*. The authority for this procedure is the National Historic Preservation Act of 1966 (Public Law 89-665), as amended.

The mentioned U.S. Army Corps of Engineers Planning Division project has been reviewed by this agency. We note that several cultural resource surveys (terrestrial and underwater) have been conducted in the project areas. We concur with the conclusions in your letter that none of the proposed alternatives will effect significant historic properties. It is the opinion of this agency that because of the project locations and/or nature the proposed projects will have no effect on any sites listed, or eligible for listing, in the *National Register*

DIRECTOR'S OFFICE

R.A. Gray Building • 500 South Bronough Street • Tallahassee, Florida 32399-0250 • (904) 488-1460  
FAX: (904) 488-3353 • WWW Address: <http://www.dos.state.fl.us>

ARCHAEOLOGICAL RESEARCH  
(904) 487-2299 • FAX: 414-2207

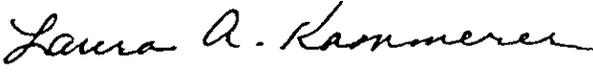
HISTORIC PRESERVATION  
(904) 487-2333 • FAX: 922-0496

HISTORICAL MUSEUMS  
(904) 488-1484 • FAX: 921-2503

Mr. Salem  
September 11, 1996  
Page 2

If you have any questions concerning our comments, please do not hesitate to contact us. Your interest in protecting Florida's historic properties is appreciated.

Sincerely,

*for*   
George W. Percy, Director  
Division of Historical Resources  
and

GWP/Jrj



UNITED STATES DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
NATIONAL MARINE FISHERIES SERVICE

Southeast Regional Office  
9721 Executive Center Drive N.  
St. Petersburg, FL 33702

SEP 10 1996

F/SEO13:JEB

Mr. A. J. Salem  
Chief, Planning Division  
Jacksonville District  
U. S. Army Corps of Engineers  
P. O. Box 4970  
Jacksonville, FL 32232-0019

Dear Mr. Salem:

This responds to your request for consultation on the Ponce De Leon Navigation Improvement Study located south of Daytona Beach, Volusia County, Florida. The project may involve various improvements of Ponce De Leon Inlet including lengthening the south jetty approximately 1000 feet, rebuilding damaged portions of the north jetty, reopening the weir in the north jetty, construction of a scour apron on the south side of the north jetty, construction of a groin field along the sand spit inside the inlet adjacent to the north jetty, construction of a storm revetment to seal a potential breach along the sand spit, or constructing of a channel at the site of the potential breakthrough. All construction activities associated with the jetties would be conducted from a barge or the jetties. A Biological Assessment (BA) was submitted pursuant to Section 7 of the Endangered Species Act of 1973 (ESA).

We have reviewed the BA and concur with your determination that populations of endangered or threatened species under our purview would not be adversely affected by the proposed project. This concurrence is based, in part, upon the protective measures called for in the BA. Any dredging involved in this project is subject to the August 25, 1995, biological opinion on dredging in the Southeastern United States.

This concludes consultation responsibilities under Section 7 of the ESA. However, consultation should be reinitiated if new information reveals impacts of the identified activity that may affect listed species or their critical habitat, a new species is listed, the identified activity is subsequently modified, or critical habitat is determined that may be affected by the proposed activity.



Printed on Recycled Paper



If you have any questions please contact Jeffrey Brown, Fishery Biologist, at (813) 570-5312.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew J. Kemmerer". The signature is written in a cursive style with a large initial "A" and a stylized "K".

Andrew J. Kemmerer  
Regional Administrator

cc: F/PR8  
F/SEO2

U.S. Department  
of Transportation  
United States  
Coast Guard



Officer In Charge  
U.S. Coast Guard  
Aids to Navigation Team  
Ponce De Leon Inlet

P.O. Box 370  
New Smyrna Beach, FL  
32070-0370  
(904)428-0985

16500  
14 Oct 1992

**From:** Officer In Charge, USCG ANT Ponce De Leon Inlet, FL  
**To:** Commander, Seventh Coast Guard District (oan)  
**Via:** Commander, Coast Guard Group Mayport, FL

**Subj:** RECOMMENDED ATON CHANGE PONCE DE LEON INLET AND SOUTH CHANNEL

**Ref:** (a) PHONCON between Bm1 Farr ANT Ponce and Mr Embres CGD SEVEN 10 Sep 92  
(b) My ltr 16500 of 08 Jun 92  
(c) My 252045Z Sep 92

1. Following reference (a), information has been gathered concerning water depth and proper placement of aids to navigation in Ponce De Leon Inlet and South Channel. Recommend the following changes to mark best route of water in this location.

a. Discontinue Ponce De Leon Inlet Buoy 6 (LLNR 8770) PA 29-04-39.2N, 080-54-53.0W. Shoal as charted no longer exist. The buoy located close to the jetty creates a safety problem. This area is a local fishing hot spot and several boats have anchored between the jetty and Buoy 6 and have ended up on the jetty rocks caused by heavy seas or an inconsiderate boat wake. With the buoy removed, sport fishing boats will no longer be able to assume they are safely anchored outside the channel.

b. Change Ponce De Leon Inlet LB 7 (LLNR 8775) from a flashing green 4 second to a quick flash green to better indicate the turn in the channel and to contrast the other lighted aids in the area. When coming in the inlet from offshore, the New Smyrna Beach Airport's rotating area makes identifying LB 7 difficult with the existing characteristic.

c. Discontinue Ponce De Leon Inlet Temp Bouy 7A (LLNR 0000) PA 29-04-00N, 080-55-28.1W, due to shoaling no longer exist. As per reference (c), this bouy was found adrift on 25 Sep 92 and not reset.

d. Discontinue Ponce De Leon Inlet Temp Buoy 7B (LLNR 0000) PA 29-04-20N, 080-55-15.8W due to shoaling no longer exist.

e. Discontinue Ponce De Leon Inlet Temp Buoy 10 (LLNR 0000) PA 29-04-10.9N, 080-55-18.2W.

f. Establish Ponce De Leon Inlet DBN 10 (LLNR to be assigned) in PA 29-04-10.4N, 080-55-18W as a SPW to properly mark the end of shoal exceeding channelward.

D-11

165000  
14 Oct 92

Subj: RECOMMENDED ATON CHANGE PONCE DE LEON INLET AND SOUTH CHANNEL

g. Discontinue Ponce De Leon Inlet Temp Buoy 10A (LLNR 0000) PA 29-04-06.3N, 080-55-17.7W due to shoal no longer exceeds into the channel.

h. Discontinue Ponce De Leon Inlet South Chan Buoy 2 (LLNR 8860) PA 29-04-02.5N, 080-55-15.7W due to shoal no longer exceeds into the channel.

i. Discontinue Ponce De Leon Inlet South Chan Buoy 3 (LLNR 8865) PA 29-04-07.1n, 080-55-14.4W due to shoaling no longer exist.

j. Discontinue Ponce De Leon Inlet South Chan Buoy 4 (LLNR 8870) PA 29-03-53.9N, 080-55-07.5W due to shoal no longer exceeds into the channel.

k. Discontinue Ponce De Leon Inlet South Chan Buoy 6 (LLNR 8875) PA 29-03-46.7N, 080-55-02.3W due to shoal no longer exceeds into the channel.

l. Change Ponce De Leon Inlet South Channel Lifeboat Station Light (LLNR 8885) from a fixed green light to Ponce De Leon Inlet LT 11 (LLNR to be assigned) PA 29-03-50.2N, 080-54-58.7W showing a quick flash characteristic and elevate from approximately 6 ft to 12 ft.

m. Discontinue Ponce De Leon Inlet South Chan Buoy 8 (LLNR 8880) PA 29-03-35.4N, 080-54-54.7W.

n. Establish Ponce De Leon Inlet LT 12 (LLNR to be assigned) in PA 29-03-35.4N, 080-54-54.7W as a SPW showing a flashing 2,5 red characteristic.

2. These changes would benefit the mariner as well as the Coast Guard. Numbering continuing from the inlet through to the beginning of the ICW would be less confusing for the boating public. Changing Ponce De Leon Inlet LB 7 (LLNR 8775) to a quick flash would indicate the turn in the channel and changing Ponce De Leon Inlet Lifeboat Station Light (LLNR 8885) to LT 11, elevating to twelve feet and installing 3sg dayboards would make the end of the concrete pilings more visible and continue the lateral marking of the channel. Discontinuing one 3NR and nine trubs and constructing one daybeacon and one light would reduce maintenance cost tremendously and have a less obstructed but still properly marked waterway.

16500  
14 Oct 92

Subj: RECOMMENDED ATON CHANGE PONCE DE LEON INLET AND SOUTH  
CHANNEL

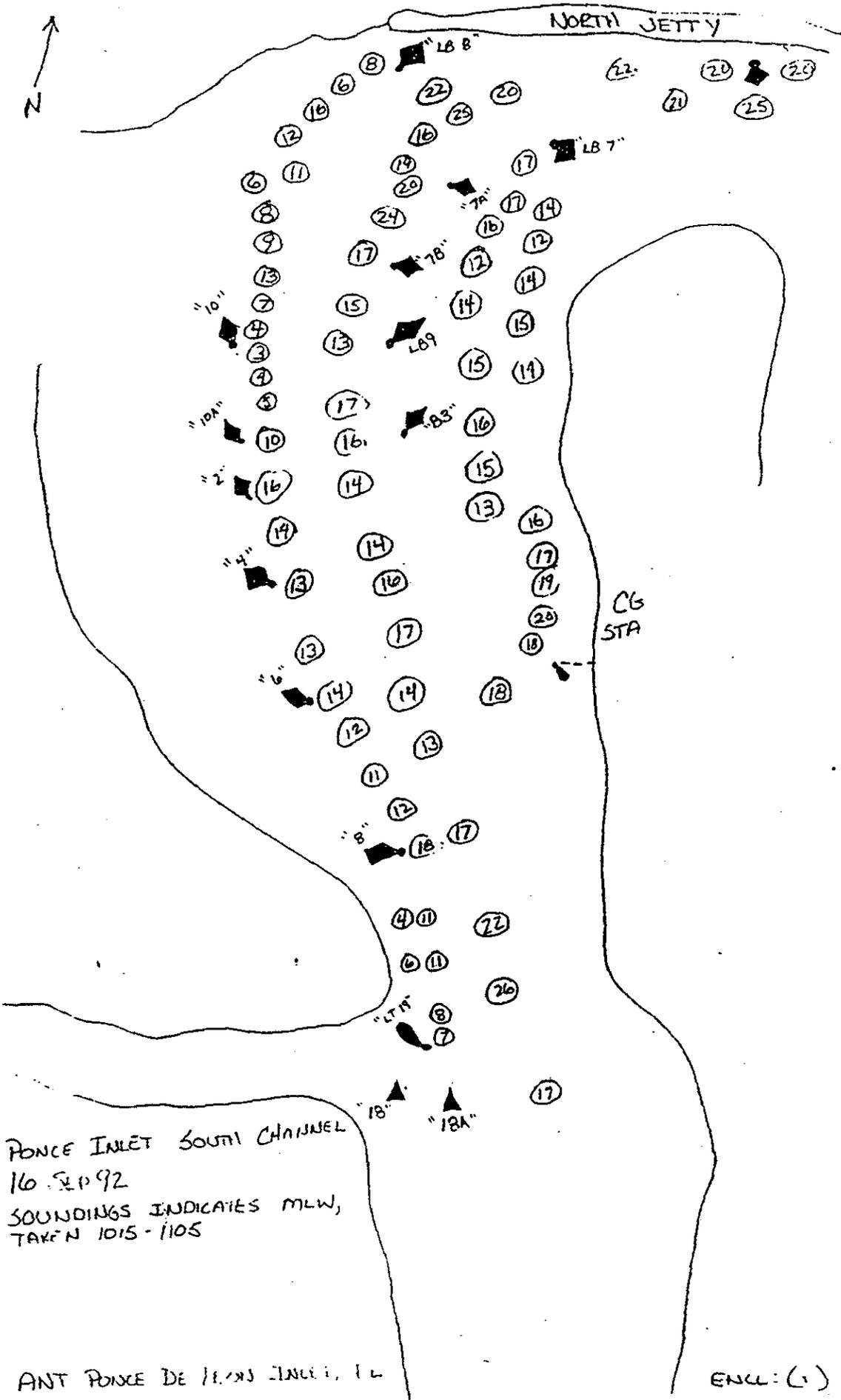
3. Enclosed is a sounding diagram with approximate positions of buoys and channel water depths, an enlarged photo copy of the charted area, and a rough diagram of what the area will look like with the proposed changes.

4. Please contact me with your many questions, BMI Farr  
(904)427-3227.

  
H. A. FARR

Encl: (1) Sounding diagram with existing aids  
(2) Enlargement of charted area  
(3) Diagram of proposed changes

Copy: CGC SMILAX  
CGC HAMMER  
CG STA Ponce De Leon Inlet  
Jacksonville District Corps of Engineers

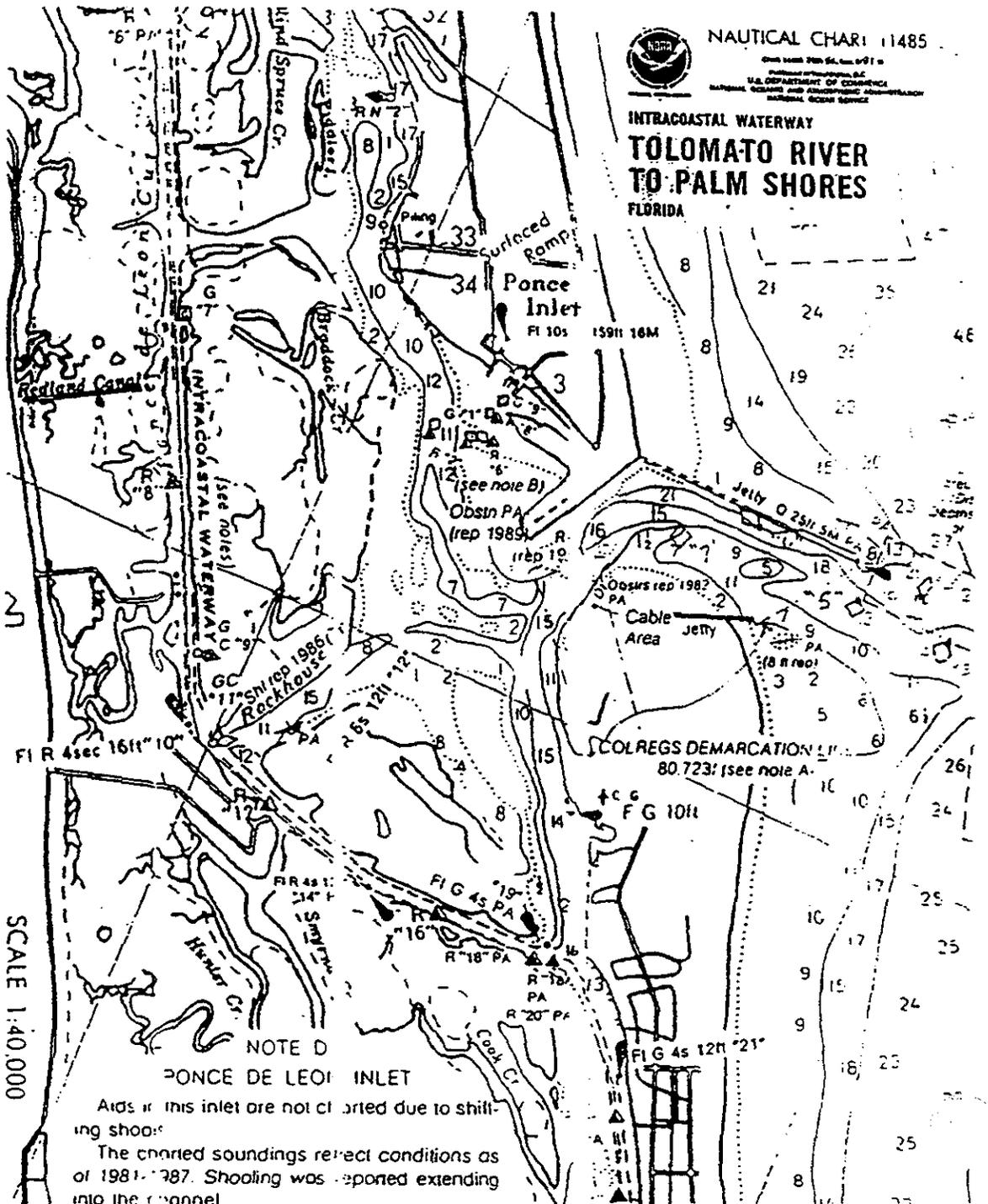




NAUTICAL CHART 11485

Chart No. 11485, 11485A, 11485B  
INTERNATIONAL CHARTS  
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL GEOSPATIAL SERVICE

INTRACOASTAL WATERWAY  
**TOLOMATO RIVER  
TO PALM SHORES**  
FLORIDA

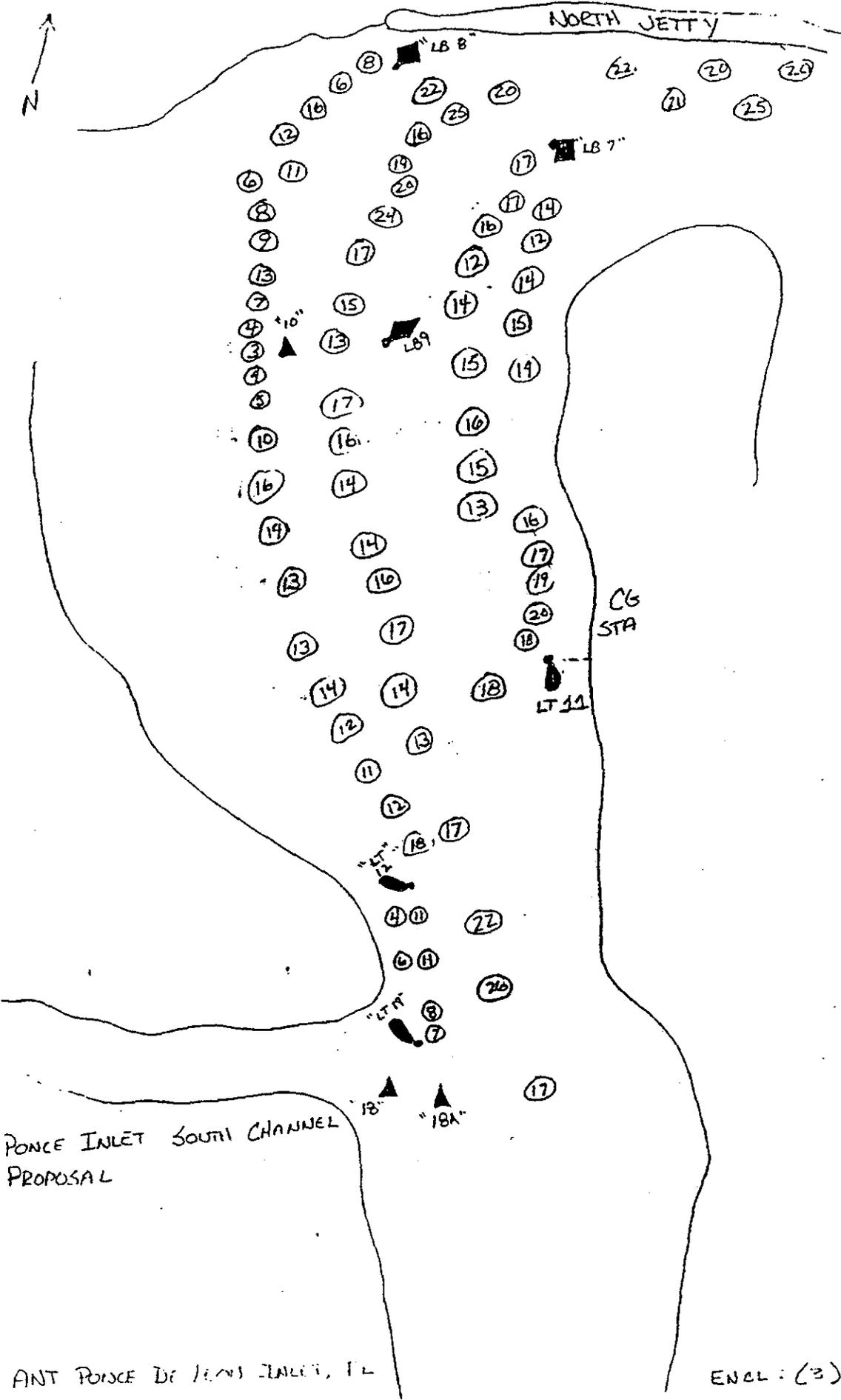


SCALE 1:40,000

NOTE D  
**PONCE DE LEON INLET**

Aids in this inlet are not charted due to shifting shoals.  
The charted soundings reflect conditions as of 1981-1987. Shoaling was reported extending into the channel.

ENCL: (2)



ENCL: (3)

U.S. Department  
of Transportation

United States  
Coast Guard



Commandant  
U.S. Coast Guard

2100 Second Street S.W.  
Washington, DC 20593-0001  
Staff Symbol: G-XRS  
Phone: 202-267-1089

16100  
December 16, 1992

Mr. Richard Powell  
U.S. Army Corps of Engineers  
Jacksonville District  
P.O. 4970  
Jacksonville, FL 32232-0019

Dear Mr. Powell,

This is in response to your facsimile request for data from the Search and Rescue database. Enclosed are the density plots you requested for Ponce de Leon Inlet for fiscal years 1981 - 1991. Please note that the latitude and longitude grid spacing for the vessel aground plot has been increased to two minute blocks in order to clarify the location of the cases.

We hope this information will be helpful. Please let us know if we can be of any further assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "S. R. Osmer".

S. R. OSMER  
Commander, U.S. Coast Guard  
Chief, Program Branch  
Search and Rescue Division  
By direction of the Commandant

Enclosure: 1) SAR Density Plots



Commander  
Seventh Coast Guard  
District

Brickell Plaza Federal Bldg  
909 S.E. First Avenue  
Miami, FL 33131  
Staff Symbol: (oan)  
Ph: (305)536-5621

16500  
Serial: 0488

Mr. A. J. Salem  
Chief, Planning Division  
Navigation Section  
Department of the Army  
Jacksonville District  
Corps of Engineers  
PO Box 4970  
Jacksonville, FL 32232-0019

AUG -9 1996

Dear Mr. Salem:

This is to confirm previous conversation per your letter of May 22, 1996 regarding aids to navigation improvements in conjunction with your extension of the south breakwater at Ponce de Leon Inlet.

Similar to the process used for marking the extension of the south jetty at Port Canaveral; the Coast Guard will supply a 10' steel section tower for installation by your contractor. A Coast Guard Aids to Navigation Team will install the signalling equipment.

The Coast Guard point of contact for details/specification is the Aids to Navigation Officer at Group Mayport, who can be reached at (904) 247-7354.

Initial cost for equipment is approximately \$4,000 and annual maintenance is approximately \$250.

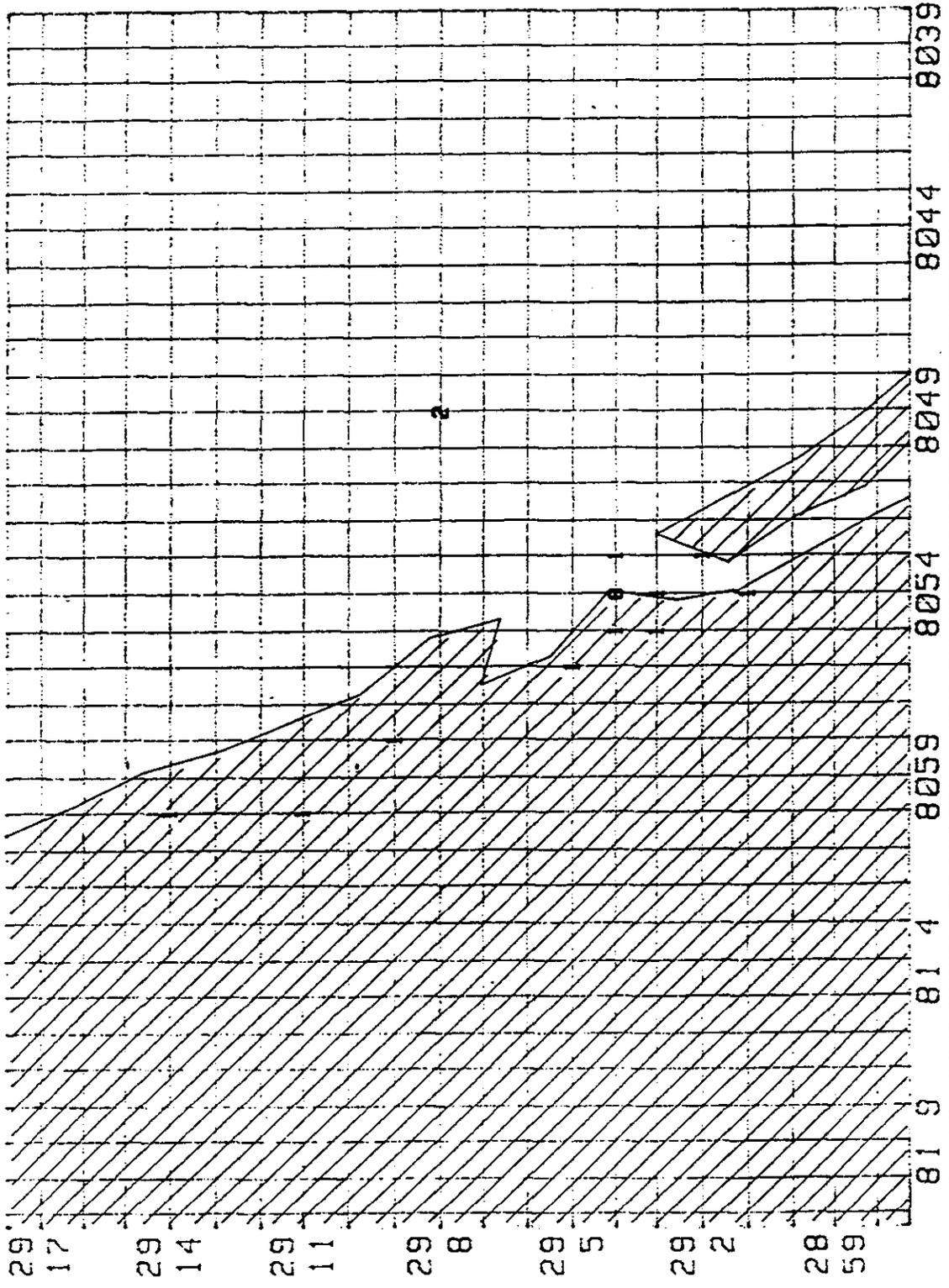
If you have any additional questions, please contact Mr. Joseph B. Embres at (305) 536-5621.

Sincerely,

B. W. HADDER  
Captain, U.S. Coast Guard  
Chief, Aids to Navigation and  
Waterways Management Branch  
Seventh Coast Guard District  
By direction of the District Commander

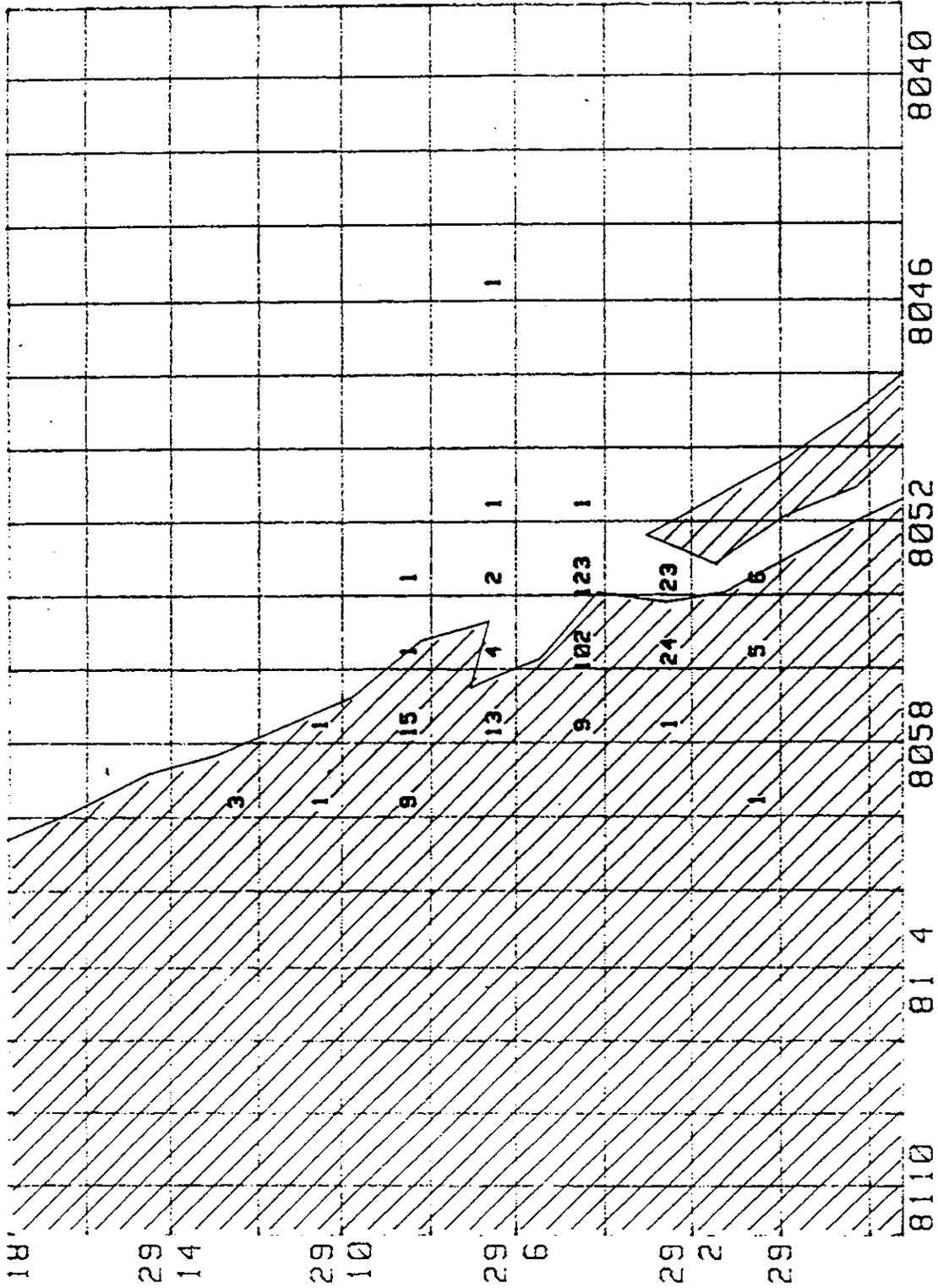
Copy: CG Group Mayport






 LIVES LOST - FY - 81-91  
 PONCE DE LEON INLET  
 411 GULF of MEXICO Zone Size 30 Scale 1:100000 191911R Dec 92  
 VS.8  
 UPCS  
 MLDON

421 0




 411 GULF of MEXICO Zoom Size 39 Scale 1:50000 101052R Dec 92  
 FY - 81-91 CABES  
 AROUND VESSELS  
 VS. 8  
 UNCS  
 MLD-004



# United States Department of the Interior



## FISH AND WILDLIFE SERVICE

3100 University Blvd. South

Suite 120

Jacksonville, Florida 32216

December 11, 1992

Mr. A. J. Salem  
Chief, Planning Division  
U.S. Army Corps of Engineers  
P.O. Box 4970  
Jacksonville, Florida 32232-0019

Dear Mr. Salem:

The U. S. Fish and Wildlife Service has received your request for information concerning issues and concerns pertinent to proposed inlet improvements at Ponce de Leon Inlet, Volusia County, Florida.

The Corps has described various alternatives which would result in improvements to navigation in this area. These descriptions portray activities which may significantly impact threatened and endangered species known to occur in this area.

The following listed species are known to occur within the project area:

West Indian manatee	<i>Trichechus manatus</i>
Loggerhead sea turtle	<i>Caretta caretta</i>
Green sea turtle	<i>Chelonia midas</i>
Leatherback sea turtle	<i>Dermochelys coriacea</i>
Kemp's ridley sea turtle	<i>Lepidochelys kempii</i>
Hawksbill turtle	<i>Eretmochelys imbricata</i>
Piping plover	<i>Charadrius melodus</i>
Bald eagle	<i>Haliaeetus leucocephalus</i>
Wood stork	<i>Mycteria americana</i>

The Service is concerned with possible impacts to these listed species and is available to assist the Corps, pursuant to the Fish and Wildlife Coordination Act, in developing required reports through transfer fund agreements.

Lighthouse Point State Park, Smyrna Dunes State Park, and Spruce Creek Aquatic Preserve, administered by the Florida Department of Natural Resources, are located within the project area. Federal sites in proximity to the site include Canaveral National Seashore and the Ponce Inlet Coast Guard Station. These offices should be contacted to ensure that their needs and concerns are appropriately addressed.

We are forward to working with the Corps on this project. Should you have any questions, please contact Jim Valade in this office.

Sincerely,

*Michael M. Bentzien*

Michael M. Bentzien  
Assistant Field Supervisor



IN REPLY REFER TO

# United States Department of the Interior

## FISH AND WILDLIFE SERVICE

6620 Southpoint Drive, South  
Suite 310  
Jacksonville, Florida 32216-0912

JUN 20 1996

Mr. A.J. Salem  
Chief, Planning Division  
U.S. Army Corps of Engineers  
P.O. Box 4970  
Jacksonville, Florida 32232-0019

ATTN: Rae Boothby

Dear Mr. Salem:

The U.S. Fish and Wildlife Service (Service), in accordance with an FY 1996 funding agreement with the U.S. Army Corps of Engineers' Jacksonville District, is submitting the attached Draft Fish and Wildlife Coordination Act Report (CAR) for your review. The report is part of the Corps' Feasibility Study of proposed navigation and other improvements to Ponce de Leon Inlet in Volusia County, Florida.

The Service has determined that the proposed project is likely to have some adverse impacts on threatened and endangered species, and is preparing a Biological Opinion in accordance with Section 7(a)(2) of the Endangered Species Act of 1973, as amended. This opinion, together with our written findings of the project under the Section 6 consultation requirements of the Coastal Barrier Resources Act of 1982, as amended, will be provided in the final CAR.

We look forward to your comments and providing you with a fully integrated, final document. Please contact John Milio at (904) 232-2580 for further coordination.

Sincerely yours,

*Don Palmer*  
for Michael M. Bentzien  
Assistant Field Supervisor

Attachment:

## PONCE DE LEON INLET IMPROVEMENTS

### VOLUSIA COUNTY, FLORIDA

#### **Project Description**

The proposed project is located on land and adjacent coastal waters of the Atlantic ocean in the vicinity of Ponce de Leon Inlet, at S33, T16S, R34E (Figure 1). The 1993 Army Corps of Engineers Reconnaissance Report considered various alternatives intended to: stabilize the navigation channel near the center of the inlet's mouth and throat, stop the erosion of the inlet's north spit and prevent shoaling resulting from a possible breakthrough of the old bed of the Halifax River with either the inlet or Atlantic Ocean, and eliminate the undermining and settling of the north jetty. The alternatives proposed for consideration include:

- extending the north and south jettys (Figure 2),
- re-opening a portion of the north jetty weir (Figure 3),
- constructing a scour apron on the south side of the north jetty and rebuilding the damaged portions of the north jetty,
- building a groin field along the east shoreline of the north spit within the inlet throat (Figure 4),
- constructing a revetment from the toe end of the north jetty westward along one of three possible alignments (Figure 5), and
- creating a new federal channel through the old Halifax riverbed.

#### **Description of the Affected Environment**

The environment in and around Ponce de Leon Inlet is comprised of both natural and artificial (man-made) habitats. The naturally-occurring systems include open water (sub-littoral zone) and benthos associated with the Atlantic Ocean, inlet mouth and throat, the Indian and Halifax Rivers, and north spit coves; sand beach and tidal flats (littoral zone); coastal sand dunes; and tidal marshes. Artificial habitats include spoil uplands on both north and south spits and on estuarine marsh islands; two rock jettys; a beach-quality, sand barrier on the north spit; and various boardwalks, buildings, parking lots, and docks associated with two county parks, a U.S.Coast Guard Station, and commercial fishing facility and boat yard.

#### **Natural Habitats**

##### Open Water

The Atlantic Ocean in and around Ponce Inlet is characterized by a north/south longshore current and gradually sloping bottom within 1000 yards of the shore and out to the 24-foot depth contour. Currents at the inlet mouth have velocities from 1.0 to 2.5 feet per second

(fps) and depths between about 6 to 26 feet that tend to increase from the South to the North Jetty. Both depths and speed of current are highly variable within the inlet throat, varying between less than a foot to over forty feet, and between 0.5 and 4.5 fps, respectively. Water depth in the North Indian River is greater (18 versus 14 feet) and more uniformly distributed between shorelines, than the Halifax River. The distribution of water currents in both rivers is similar, although the Halifax River has greater velocities (3.0 versus 2.0 fps) which change rapidly near shorelines (Reference). Water depth and velocities at their confluence varies, depending upon location. Average water depths within the north spit coves, including the man-made channels, are estimated at five feet.

Net Phytoplankton (>20 microns) which may occur in the project area include diatoms of the genera *Skeletonema*, *Thalassiosira*, *Chaetoceros*, *Prorocentrum*, *Nitzschia*, and *Bacillaria*. Other prevalent genera which have been found in the lower St. Johns River Basin include *Rhizosolenia*, *Melosira*, *Coscinodiscus*, *Thalassionema*, *Thalassiotrix*, and *Gyrosigma* (SJRWMD 1994). Nanophytoplankton (<20 microns) in one study (Mahoney and Gibson 1983b) accounted for 99% of cell numbers and 91% of the biomass. Mahoney and Gibson (1983a) identified 232 species of diatoms and 20 species of dinoflagellates at one site in the Indian River Lagoon near Vero Beach. Abundance can vary seasonally and diversity is dependent upon salinity and the type and availability of nutrients. Water temperature, light penetration, and nutrient load are the principle factors which affect phytoplankton productivity. The nutrient input from New Smyrna Beach and its proximity to the project area may have an impact on phytoplankton within the vicinity of Ponce Inlet.

Copepods of various sizes typically dominate the zooplankton (References). Other significant components include the larvae of benthic invertebrates such as Arrowworm (*Sagitta* sp.), cirripids, tintinnids, coelenterates, immature stages of crab and shrimp, and various fish eggs. The larval stages of local fish species, known as ichthyoplankton, also may significantly contribute to the zooplankton biomass. Zooplankton density and diversity may vary year to year, though their seasonal abundance is usually greatest in spring, and summer or autumn, depending on location (inside or outside the Inlet). Their abundance around Ponce Inlet may be related to levels of nutrients and phytoplankton (references).

Ocean access, marshes, creeks, varying water depth and bottom contours, and rock jettys are all likely to contribute to the diversity of fish which could occur within the project area. Some of these fish include pinfish, mosquito fish (*Gambusia affinis*), silver perch (*Bairdella chrysura*), mullet (*Mugil* spp.), Atlantic croaker (*Micropogonias undulatus*), menhaden (*Brevoortia* spp.), sea robins (*Prionotus tribulus*), lizardfish (*Synodus foetens*), ladyfish (*Elops saurus*), sheepshead (*Archosargus probatocephalus*), flatfishes (Bothidae), mackerel (*Scomboromorus* spp.), juvenile snapper and grouper, sea bass (Lutjanidae and Serranidae), bluefish (*Pomatomus saltatrix*), seatrout and weakfish (*Cynoscion* spp.), common snook (*Centropomus undecimalis*), red and black drum (Sciaenidae), cobia (*Rachycentron canadum*), and various sharks.

Other animals inhabiting open water within the Ponce Inlet project area include the federally-endangered West Indian manatee, *Trichechus manatus latirostris*, four federally-listed sea turtles: the endangered green (*Chelonia mydas*), Kemp Ridley's (*Lepidochelys kempi*), and leatherback (*Dermochelys coriacea*) turtles and the threatened loggerhead (*Caretta caretta*) turtle (Reference), and the diamondback terrapin (*Malaclemys terrapin*).

### Benthos

A site inspection of spoil material from previous dredgings revealed bottom sediments from the nearshore ocean, Ponce Inlet mouth and throat, and river confluence to be mainly unconsolidated sands or sand-shell combinations. Erosion and runoff from adjacent marshes and uplands contribute organic material to the bottom sediment of both rivers and the north spit coves. The rate of accumulation of this material in coves is usually greater due to input from surrounding areas exceeding removal due to the smaller influence of tides and wind on water currents. The result is a buildup of a "muck layer" in the coves which often is more than a foot deep.

The benthic community includes those organisms living on the surface of and within bottom sediments. Sediment composition and stability, salinity, light, temperature, oxygen and other chemical concentrations, and nutrient levels are factors which influence species abundance and diversity. Organisms associated with Ponce Inlet are, for the most part, continually exposed to full ocean salinities that likely fluctuate very little. In general, abundance and density are expected to be greatest during winter and spring and lowest towards the end of summer. Some of the benthic organisms expected in and around Ponce Inlet include polychaete worms in the genera *Polycirrus*, *Pectinaria*, *Polychaete*, and *Nereis*; bivalves including oysters (*Crassostrea virginica*), various clams, and mussels (*Mytilus* spp.); various gastropods (snails); crustacea (shrimps, crabs, amphipods, ostracods, and tanaids); echinoderms (starfish and sand dollars); and sea grasses in the genera *Halophila* and *Zostera*.

### Beach

The beach around Ponce Inlet consists primarily of unconsolidated sand with some shell material extending from mean low water landward to where there is a marked change in material or physiographic form, or to the line of permanent vegetation. Areas of beach exist north and south of the North Jetty and completely around the inlet's south spit to the Coast Guard station on the north Indian River. Under natural conditions, the combined action of wind, waves, and current produce frequent changes in the size, shape, slope, and location of inlet beaches. Since completion of the Ponce Inlet jetty system in the early 1970's, sand accretion on the south spit has extended the beach area northward both east and west of the spit. While the beach north of the North Jetty has widened somewhat in the vicinity of the jetty, nearly all the natural beach south and west of the jetty is gone. A narrow, artificial beach has been maintained near the toe end of the jetty by the addition of beach-quality sand deposited in 1993, as a barrier between the inlet and a county parking lot. Beach driving is currently permitted on the ocean-side of each spit up to the jettys.

Animals associated with the beach community include birds, crustaceans, molluscs, sea turtles and beach mice. Specific birds which may occur at Ponce Inlet include gulls (*Larus* spp.); the black skimmer (*Rynchops niger*); American oystercatcher (*Haematopus palliatus*); terns (*Sterna* spp.); plovers in the genera *Pluvialis* and *Charadrius*, including the federally-threatened piping plover (*C. melodus*); sandpipers in the genera *Tringa*, *Calidris*, and *Actitis*, marbled godwit (*Limosa fedoa*), willet (*Catotrophorus semipalmatus*), and ruddy turnstone (*Arenaria interpres*) (Reference). The pallid beach mouse, *Peromyscus polionotus decoloratus*, which once occurred from north Ponce Inlet to the Matanzas Inlet, is now considered extinct. South Ponce Inlet is the northern limit of the southeastern beach mouse, *Peromyscus polionotus niveiventris*, a federally-threatened species (Reference). Bivalves, specifically clams of various species appear to be the most abundant mollusc at Ponce Inlet beaches. Most insects found at beach habitats are transients. Crustaceans inhabiting the littoral zone include sand fleas (), hermit crabs (*Pagurus longicarpus* and *Clibanarius vittatus*), and ghost crabs (*Ocypode quadrata*).

### Tidal Flats

Sand flats are normally submerged, sand-bottomed areas which are completely exposed during mean low water, and may be separated from marsh or beach by continuously submerged bottom. A series of large and small sand flats exist within the project area, principally north and south of Rockhouse Creek on the west side of the Halifax and North Indian Rivers. A review of an 1851 U.S. Coast Survey map of Mosquito Inlet (Ponce Inlet) revealed a similar pattern of flats, though flats south of Rockhouse Creek today appear longer and wider. A flat may have existed at one time within the inlet throat adjacent to the south pit beach, but further sand accretion appears to have filled in the submerged area and produced a northward extension of that beach.

Mud flats are also tidally-exposed areas whose bottom substrate has an upper layer rich in silt and organic material. These flats typically occur along the edges of creeks, coves, rivers, and similar places where the rate of deposition of silt and organic material from adjacent marshes, swamps, and uplands exceeds their removal. Mud flats are present within the marina cove and the old bed of the Halifax River.

Animals expected to occur on Ponce Inlet sand flats during low water include benthic invertebrates such as some bivalves, crustacea, echinoderms, and polychaete worms, and vertebrates including birds and transient terrestrial species such as raccoons (*Procyon lotor*). Besides most of the previously mentioned birds, others which may be found on sand flats include the Double-crested cormorant (*Phalacrocorax auritus*), American avocet (*Recurvirostra americana*) and Short-billed dowitcher (*Limnodromus griseus*). Higher plants were not observed on the sand flats, though it is likely that various species of algae could and do occur there. Mud flats are likely to support a similar group of animals, though species composition will likely be different and total diversity may be higher due to the substrate's greater organic component.

## Coastal Sand Dunes

The location and extent of sand dunes at Ponce Inlet prior to human intervention depended entirely on the interactions among wind, waves, changes in sea level, and specially-adapted vegetation. Today, in addition to these factors, dunes are strongly influenced by human activities such as construction of buildings, boardwalks, roads, parking lots, and jettys; beach driving and pedestrian foot traffic; and artificial deposition of sand for beach re-nourishment and other dredged spoil disposal. No natural dunes currently exist on the north spit south and west of the north jetty. An area of foredune and partially impacted backdunes and stable dunes exist approximately one mile north and a half mile west of the north jetty. A foredune encompasses the entire south spit, extending from the U.S. Coast Guard Station on the North Indian River through the southeastern boundary of Smyrna Dunes County Park. Backdunes and stable dunes in this area are naturally limited by marsh along the northwestern border and human impacts elsewhere, particularly a large spoil disposal field which includes a substantial portion of the center of the county park. Dunes formed by sand accreted since completion of the south jetty in 1969 have now partially or wholly buried more than 90% of the south jetty.

Coastal sand dunes are the primary habitat for beach mice. The southern spit at Ponce Inlet represents the northern limit of the range of the federally threatened, southeastern beach mouse, *Peromyscus polionotus niveiventris*. Although the area has not been trapped in recent times, the belief (Reference) is that, due to habitat loss and other impacts, the mouse no longer occupies the remaining habitat. A cursory examination of the back side of the existing foredunes revealed scattered burrows. Without a significant trapping effort, it is not clear whether these burrows are indicative of the presence of beach mice or represent the excavations of other rodents and/or ghost crabs. Other rodents which may be found in the area are the cotton rat (*Sigmodon hispidus*), cotton mouse (*Peromyscus gossypinus*), and house mouse (*Mus musculus*). Other animals observed or likely to occur within the dune ecosystem include feral cats (*Felis felis*), red fox (*Vulpes vulpes*), resident and neotropical migrant birds such as sparrows and warblers (Emberizidae), gopher tortoise (*Gopherus polyphemus*), various other herptiles (snakes and lizards), and numerous invertebrates.

Vegetation observed along the foredunes included sea oats (*Uniola paniculata*), sea rocket (*Cakile edentula*), seaside spurge (*Chamaesyce* spp.), coastal dropseed (*Sporobolus virginicus*), railroad-vine (*Ipomea pes-caprae*), and panic grass (*Panicum* spp.). Due to the generally disturbed nature of the interior portions of the south spit, the vegetative difference between transitional or backdunes and stable dunes was not always clear. Species observed were characteristic of both saw palmetto, wax myrtle and oak scrub zones and included saw palmetto (*Serenoa repens*), broomsedge (*Andropogon* spp.), partridge-pea (*Cassia* spp.), prickly-pear (*Opuntia* sp.), yaupon (*Ilex vomitoria*), dune greenbrier (*Smilax auriculata*), pennywort (*Hydrocotyle* spp.), cabbage palm (*Sabal palmetto*), groundsel tree (*Baccharis halimifolia*), Southern red cedar (*Juniperus silicicola*), wax myrtle (*Myrica cerifera*), and myrtle oak (*Quercus myrtifolia*).

## Tidal Marsh

A review of aerial photographs of Ponce Inlet between 1967 and 1973, revealed that the pre-jetty tidal marsh was limited to portions of the north spit perimeter on the Halifax River and the southern section of the old riverbed cove, either side of the northernmost riverbed cove, and some interior portions of the north spit which were inundated from the southern cove through a then existing tidal creek. Following jetty construction, the area of tidal inundation apparently increased and, along with advanced sediment deposition, converted most of the sand spit into a tidal marsh. Today more than half the marsh and almost all the narrow, inlet-facing beach has been lost to erosion. Less than 20 acres of low salt marsh and mangrove swamp remain in and around the north spit.

Tidal marsh on the south spit is limited to a triangular area less than 10 acres on the spit's west side and mostly north of the Coast Guard Station. A small, open-water, brackish pond has formed at the landward marsh end near a boardwalk. Marsh formation occurred sometime after construction of the south jetty, probably from the conversion and convergence of two open-water coves from sediment buildup due to sand accretion at their juncture with the North Indian River.

Vegetation found within the low salt marsh included smooth cordgrass (*Spartina alterniflora*), glasswort (*Salicornia* spp.) and sea purslane (*Sesuvium portulacastrum*). High marsh plants observed included saltwort (*Batis maritima*), salt grass (*Distichlis spicata*), salt meadow cordgrass (*Spartina patens*), sand cordgrass (*Spartina bakerii*), salt marsh fimbriatylis (*Fimbristylis castanea*), sea oxeye (*Borrichia frutescens*), groundsel bush (*Baccharis halimifolia*), marsh elder (*Iva frutescens*), wax myrtle (*Myrica cerifera*), Southern red cedar (*Juniperus silicicola*), and the exotic Brazilian pepper (*Schinus terebinthifolius*). The overwash mangrove swamp on the north spit is occupied by all three species of mangroves: red (*Rhizophora mangle*), black (*Avicennia germinans*), and white (*Laguncularia racemosa*). Black and white mangroves predominate on the south spit marsh.

Invertebrate animals observed or expected to occur within these tidal marshes include fiddler crabs (*Uca* spp.), portunid crabs (*Callinectes* spp.), the palaemonid shrimp (*Palaemonetes intermedius*), penaeid shrimp (*Penaeus* spp.), other crustacea, bivalve (clams, oysters) and gastropod (snails) molluscs, polychaete worms, and a variety of aquatic, semi-aquatic and arboreal insects. Many of the previously mentioned fish species may be found within marsh habitat either as transient adults or during their immature stages. Other resident fish may include sailfin molly (*Poecilia latipina*), sheepshead minnow (*Cyprinodon variegatus*), marsh and gulf killifish (*Fundulus confluentus* and *F. grandis*), tidewater silverside (*Menidia beryllina*), fat sleeper (*Dormitator maculatus*), and rivulus (*Rivulus marmoratus*). Bird groups and species likely to occur in and around tidal marshes and their mud flats include bitterns, herons, and egrets (Ardeidae), ibis (Threskiornithidae), the federally endangered wood stork (*Mycteria americana*), rails (Rallidae), the marsh wren (*Cistothorus palustris*), boat-tailed grackle (*Quiscalus major*), red-winged blackbird (*Agelaius phoeniceus*), certain sparrows (*Ammodramus*, *Passerculus*, and *Melospiza* spp.), and many other shorebirds also associated with beaches and sand flats. Other

terrestrial vertebrates include the cotton mouse, cotton rat, and other rodents; shrews (Soricidae); marsh rabbit (*Sylvilagus palustris*); opossum (*Didelphis virginiana*); raccoon; fox; and various herpetiles; including the federally endangered Atlantic salt marsh snake (*Nerodia clarkii taeniata*).

## Artificial Habitats

### Rock Jetty

The existing rock jettys, built between 1968 and 1971, were approximately 4200 feet long and 47.5 feet wide on the north spit and 2700 feet long and 60 feet wide on the south spit. They consisted of very large ( 8 to 12 ton) stones over two layers of smaller stones in the shape of a truncated pyramid, that extended about 7.5 feet above and 5.0 feet below mean low water. The original north jetty included an 1800-foot weir and an impoundment basin just to the south for accumulating littoral drift material, which was to be transported across the inlet to the south by use of a conventional pipeline dredge. The weir was closed with armor stone in 1984 due to high cost of removing shoal material from the sediment basin. A concrete walkway was built on top of the jetty sometime thereafter and partially extended over the blockaded weir. Scouring due to channel migration within the inlet has undermined the jetty foundation and caused subsidence and overwash in two locations. Nealy 80 per cent of the north jetty is contiguous with open water on both sides. Heavy sand accretion has occurred on both sides along most of the entire length of the south spit jetty. As a result, only the oceanward tip of this jetty is directly exposed to water on both sides.

Jetty rock provides a hard, irregular, and multi-dimensional substrate with numerous spaces that support many living organisms. All four types of marine algae, blue-green (Cyanophyta), green (Chlorophyta), brown (Phaeophyta) and red (Rhodophyta), collectively known as seaweeds, may occur on these jettys. Bivalves, particularly mussels (pelecypods) anchor themselves to the rock surface and crevices. Various crustacea, including amphipods, ostracods, and decapods, may be found on the jetty both above and below the water's surface. Some shorebirds use jettys for loafing as well as feeding. Their landward end may also support plants as well as resident and transient vertebrate and invertebrate animals.

### Spoil Uplands

Dredging of waterways has occurred in and around Ponce Inlet for over fifty years. Site visits and a review of aerial photographs and United States Geologic Survey 7.5 minute topographic map (New Smyrna Beach Quadrangle) revealed locations where disposal of dredged sediments (spoil) occurred on land. Spoil disposal sites occur on the mangrove islands bordering the rivers and ICW, as well as on both Ponce Inlet spits. The site on the south spit is circular and covers approximately 55 acres in the middle of Smyrna Dunes County Park. Vegetation in this area is generally very sparse, and includes prickly pear (*Opuntia*), broomsedge (*Andropogon*), and the occassional sea oat (*Uniola paniculata*). Two depressional wetlands have formed near the middle of the spoil field and support a more robust vegetative community, similar to that

associated with the wet, interdunal swales of backdune and stable dune areas. These areas are also likely to contain a greater diversity of animal life than the surrounding spoil upland.

A spoil deposit noted on the north spit is located on land between the two coves which form the old bed of the Halifax River. The site is roughly cylindrical, covers approximately 4.5 acres, and its average height above the marsh on the south side is about six feet. Salt marsh and mangrove swamp border the area and in two to three corridors which run transversely through the spoil uplands and total less than three acres. No wading bird rookeries were observed at this site. The spoil material visually resembled that found on the south spit. Grasses, shrubs, and small trees grew robustly along the perimeter of the spoil site while the more interior portion alternated among patches of bare sand, grass-dominated patches, and woody trees and shrubs. Specific vegetation observed included pennywort, broomedge, coastal dropseed, foxtail (*Setaria* spp.), goldenrod (*Solidago* spp.), various composites (*Asteraceae*), greenbriar, nightshade (*Solanum* spp.), prickly pear, wild grape (*Vitis* spp.), saw palmetto, cabbage palm, southern red cedar, and brazilian pepper. Animals inhabiting this area are expected to be similar to those occupying high and low salt marsh, mangrove swamp, and both transitional and stable backdunes. There was no evidence of past or present occupation by gopher tortoises.

### **Project Alternatives: Impacts to Fish and Wildlife Resources**

#### **No Action Alternative**

According to the Army Corps of Engineers' 1993 Reconnaissance Report, the no action alternative at Ponce Inlet would likely result in the following conditions: 1) continued erosion of the southern and western portions of the north spit leading to an eventual breakthrough to the old bed of the Halifax River, 2) continued shoaling of the Halifax River and new shoaling around the north channel and nearby cove in the vicinity of the expected breakthrough, and 3) increasing instability and slumping along the entire stretch of the north jetty due to new and continued undermining from water velocities associated with the current northerly position of the deepwater channel within the inlet's throat. Another condition likely to result from the no action alternative is further beach expansion along the north shore of the south spit due to sand accretion adjacent to the inlet throat. Continued erosion around the toe of the north jetty will narrow the gap of land between the inlet and the Atlantic Ocean and predispose the area to a breach during a catastrophic northeast storm. Under this scenario, the jetty would be isolated and unable to protect land areas north and west of it from flooding and erosion.

The most significant direct impact to natural resources from the no action alternative would be the projected loss of the remaining salt marsh and mangrove swamp habitat, and all the associated biomass, from continued advanced erosion of the north spit south of the old riverbed. The accompanying movement of sediment and nutrients into the water column is also likely to affect organisms within the benthic and sub-littoral zones. These effects, especially for the open-

water fauna and flora, likely will be transitory due to the speed and range of shifting physical conditions typical of most inlets. The presence of an extensive marsh and mangrove system both north and south of the inlet would also tend to lessen the overall impacts of wetland loss. Additional shoaling in the Halifax River resulting from a breakthrough would impact the local benthos at that site. Shoaling may also reduce exchange of water and sediment from the boat basin cove, creating conditions favorable for expansion of the adjacent salt marsh and mangrove swamp. Degredation of the north jetty would expose more rock to the littoral and sub-littoral zone and provide additional shelter for fish and some crustacea as well as living surface for various algae and molluscs. Further expansion of the littoral zone adjacent to the inlet side of the south spit would likely benefit some benthic organisms, shorebirds, and nesting sea turtles. A breach behind the north jetty would remove some beach and foredune habitat and encroach on the transitional dune area. Fish, sub-littoral benthic organisms, and other tidal rock inhabitants would have new habitats to exploit.

### Jetty Extension Alternative

Both the physical and numerical models of Ponce Inlet indicate that a 1000-foot extension of the south jetty would be the best of the extension proposals for improving the inlet's navigation characteristics, particularly within the entrance reach of the channel. The expected changes leading to a more centered channel include more uniform ebb and flood flow distributions at the entrance reach plus flood flow distributions just south of the seaward end of the south jetty. These changes would reduce littoral drift and sand deposition within the inlet, particularly along the north side of the south spit. Construction of the south jetty extension could be accomplished from land or water. One source of jetty stone under consideration is existing material within 2000 feet of the toe end of the original south jetty. This entire area is land-locked and much of it is at least partially buried beneath shallow sands which accreted rapidly following jetty construction in 1969.

### Pre-construction Impacts

Activities preceding construction of the south jetty extension include boring to collect core samples of bottom sediments within the proposed extension area, and possible excavation of sand-imbedded stone from somewhere between the toe end of the south jetty out approximately 2000 feet along the middle of its footprint. The core sampling is done by a self-propelled drilling platform whose coring procedures, including drilling and platform stabilization, are expected to have limited and short-term impacts on the area's benthic organisms. Other possible impacts to manatees and sea turtles will be addressed in the section on threatened and endangered species.

The potential excavation of rock from the toe end of the south jetty would impact both plants and animals that have colonized the overlying sand, and possibly wetlands. Portions of the western side of the jetty come within a few feet of high marsh and mangrove swamp. The jetty's eastern side is bounded by a sand road that is used by county park personnel and other authorized

vehicles. Plant impacts to the site are expected to be complete but relatively short term due to the re-colonization potential from adjacent transitional and stable dunes and jetty dune areas left intact due to their close proximity to wetlands. The potential for re-colonization may be enhanced by using the excavated sand to re-create, as closely as possible, the previously existing topography. Another expected impact involves the gopher tortoise, *Gopherus polyphemus*. Table 1 provides the results of a survey in which over 2000-feet of jetty footprint, starting at the fenced property boundary of the Coast Guard Station, was surveyed in its entirety for active, inactive, and abandoned gopher tortoise burrows. Burrows were considered active if they had sign of recent tortoise activity. These included visual sightings, fresh tracks leading into the burrow, loose sand on the slide of the burrow, or other visual evidence of recent use. Burrows were classified as inactive if they showed no signs of recent tortoise use, but still maintained the characteristic shape of a tortoise shell (flat on the bottom, round on top). Burrows were classified as abandoned if they had lost the shape of a tortoise shell. Due to the confirmed presence of a small gopher tortoise colony on this site, a permit authorizing their disposition must be obtained from the Florida Game and Fresh Water Fish Commission (GFC). A permit application should be submitted in accordance with GFC guidelines at least 30 days prior to commencement of the proposed work. Contact with Smyrna Dunes County Park should be made first to coordinate this effort and determine if there are additional county requirements.

#### Construction and Post-construction Impacts

Impacts from increased boat and barge traffic expected during construction of the jetty extension include temporary displacement of fish, plankton, and some loafing and feeding shorebirds, permanent loss of some sand-bottomed, benthic habitat within the jetty footprint, and possible impacts to manatees and sea turtles. Land-based operations will impact beaches and possibly sand dunes if the heavy equipment must cross dunes in order to reach the jetty. Under these conditions, beach and dune animals and plants, including the federally listed piping plover and southeastern beach mouse, may be affected. Direct habitat impacts expected or predicted during the post-construction period include the addition of more dry and tidally-influenced, hard rock substrate; sand accretion to varying degrees along the beach upwards of a mile south of the new jetty; and loss of some shoals and extended beach along the north side of the south spit. The sand accretion predicted for the south beach will directly benefit shorebirds, benthic species found within the littoral and sub-littoral zones, nesting sea turtles, and other upper beach fauna and flora. The dune habitat in this area and its associated biotic community will also benefit from the increased availability of sand necessary for the maintenance and growth of this habitat type. These benefits will more than offset the predicted loss of some littoral and sublittoral habitat adjacent to the south side of the inlet throat.

#### North Jetty Weir Re-opening Alternative

An 1800-foot weir constructed in the north jetty and an accompanying impoundment basin were designed to collect littoral drift across the jetty for transport across the inlet by a pipeline dredge. The weir was closed in 1984 to stop the high cost of maintenance removal of shoal material

believed to be crossing the weir. Following weir closure, erosion rates throughout the north spit increased dramatically between 1985-1990 over pre-closure erosion rates. Reopening of the weir was considered in the early phases of the Reconnaissance Report as a way to reduce erosion velocities and add drift material which would hopefully accrete along a portion of the north spit as well as accumulate in the impoundment basin for later use in beach renourishment. Further testing of this alternative using a scale physical model revealed that re-opening various weir lengths would no longer have the desired effect of reducing erosional forces impinging on the north spit. The alternative had called for the removal of up to 1000 feet of armor stone from the seaward end of the original weir and dredging to re-establish a limited impoundment basin. The work would be accomplished by either land or water-based, heavy equipment.

#### Pre-construction Impacts

Core sampling of bottom sediments within the impoundment basin are expected to have limited and short-term impacts on the area's benthic organisms. Other possible impacts to manatees and sea turtles will be addressed in the biological pinion.

#### Construction and Post-construction Impacts

Re-opening of 1000 feet of weir would require removal of 255 feet of concrete walkway atop the jetty and approximately 17,000 tons of armor stone. If walkway demolition and rock removal is a land-based operation, the work would involve transporting equipment over the beach, then filling in jetty voids with stone to create a smooth, drivable surface for the heavy equipment. Part of the beach may be used as a staging area for materials. Some transient impacts to upper beach fauna and flora may occur, as well as temporary displacement of feeding and loafing shorebirds. A water-based operation may temporarily effect shorebirds, fish, plankton, and the sub-littoral benthos. Removal of the submerged rock would reduce the total amount of hard substrate available to algae and aquatic and semi-aquatic marine invertebrates. Dredging of the impoundment basin would have short-term, open water and benthic impacts. Dredged spoil used for beach renourishment may impact nesting sea turtles, crustacea and other littoral benthos, while careful deposition in already existing and permitted spoil disposal sites is likely to have only minor impacts on an already disturbed plant and animal community.

The major change expected from the weir re-opening is movement of additional sediment into the inlet from renewed littoral drift across the north jetty. Some of this sediment is expected to be deposited in the adjacent impoundment, where it may be piped or dredged to re-nourish south jetty beaches. Other sediment may be carried further into the inlet, where it will likely be involved in formation and maintenance of shoals, sand flats, and possibly accretion of remaining interior sand beaches bordering the north and south spits. The beach and dunes adjacent to the north jetty may become narrower due to transport of sediment formerly available to re-nourish these habitats. With the exception of the dredging and artificial beach re-nourishment, the major expected change would potentially add new plant and animal habitat to the inlet. Since the greatest possible change to the north beach and dune system is likely to occur in the immediate

vicinity of the north jetty, the overall impact to fauna and flora is not expected to be significant.

#### North Jetty Repair and Scour Apron Extension Alternative

Rebuilding portions of the north jetty crest and extending the scour apron along the south side of the north jetty are considered separate maintenance projects from the main Ponce Inlet Navigation Improvement Project. These projects were included as alternatives because of their expected contribution to improving the overall inlet stability. The north jetty repair project involves placing approximately 610 tons of armor stone in three places where the jetty crest has slumped to raise their level to the original crest height. The scour apron would consist of placing filter cloth, foundation and armor stone over an approximately one-half acre submerged area at the jetty's base in the vicinity of the scour apron. Barges and other boats would likely be used to handle manpower, equipment, and materials for both projects.

#### Impacts

The habitat and fish and wildlife resource impacts from these projects are expected to be about the same as those of the water-based operations for the south jetty extension alternative.

#### Groin Field Alternative

The construction of a set of three groins along the sand spit inside the inlet adjacent to the north jetty was originally considered to preserve the remaining shoreline and prevent breaching of the spit by deflecting flood tidal currents away from the spit. Since this alternative was considered in the Reconnaissance Report, more than 60 acres of remaining sand spit and marsh have been lost to erosion. As a result of these physical changes to the north spit since publication of the Reconnaissance Report, the Corps has re-reviewed this alternative and determined that the current conditions no longer matched the parameters under which the groin field was to operate. The Corps therefore decided to delete this alternative from project consideration.

#### Revetment Alternatives

##### Alignment One

The Reconnaissance Report considered the use of a hardened barrier as a permanent alternative which would provide direct protection of upland property adjacent to the north spit by preventing the further landward migration of its shoreline. The report discussed three alignments, all of which would originate from the toe end of the north jetty and offer varying degrees of protection. The first alignment would extend 4800 feet and offer maximum protection from shoreline erosion, inlet breaching, and ocean flanking of the jetty by completely encircling the north spit. Most of the footprint for the first alignment, however, has been lost due to shoreline erosion of

the north spit over the last four years. Based on the estimated rate of continued erosion, the remaining marsh south and west of the old Halifax River bed will be gone before any action on a revised alignment one can be initiated. The Corps has therefore dropped this alignment from consideration as a viable alternative and an evaluation of its impacts on natural resources is no longer necessary.

### Alignment Two

The second alignment would extend approximately 2800 feet to the tip of a mixed marsh and spoil upland peninsula along its southern and western borders. The peninsula is located between the marina cove and the old bed of the Halifax River. This alignment is expected to protect against jetty flanking and potential erosion of the marsh/spoil peninsula, although it offers no protection against inlet breaching. The revetment footprint would total approximately 7.12 acres. Another 1.72 acres of an herbaceous spoil field within the middle of the peninsula is projected as a site to stockpile material and possibly equipment. The entire operation will be land-based. A review of the expected impacts from this alignment are described below.

### Pre-construction Impacts

A tracked vehicle was used to transport a survey crew to delineate the midpoint of the revetment and collect soil core samples. The vehicle traversed spoil upland, mangrove swamp and high salt marsh. The wetland area covered by the vehicle was within the footprint of the proposed revetment. No permanent effects from the tracks were noted in the upland areas. Mangroves and salt marsh vegetation within the track path had not recovered two months following the survey. Some fiddler crab burrows were noted in the track path, though they were less than in the surrounding, non-impacted wetland. The area within the footprint would have to be cleared of all vegetation, creating a potential erosion condition into the old riverbed.

### Construction and Post-construction Impacts

The first section of this alignment, a landward extension of the north jetty, would impact approximately 2.85 acres and traverse a portion of the existing sand barrier as well as some backdune habitat. The few plants which colonized the sand barrier were found adjacent to the backdunes and marsh. Animal use of this sand deposit is likely to be transitory rather than permanent. The permanent loss of the backdune habitat within this section will not be significant since the adjacent Lighthouse Point County Park consists primarily of this type of habitat.

The second section would directly impact a total of approximately 4.27 acres, including between two and three acres of tidal mud flat, low and high salt marsh, and mangrove swamp. Impacts to tidal mud flats would be temporary, since sedimentation and backfill would be expected to cover at least that portion of the revetment where the impacts occur below mean low water. In-kind mitigation would be required for the loss of the vegetated wetlands. This habitat is also within the range of the federally endangered, Atlantic salt marsh snake. Impacts to the additional 1.72

acres of open spoil field is not likely to be significant since this sparsely vegetated habitat appears to provide minimum wildlife function and value. The loss of the mixed herbaceous and woody transitional area also will not be significant because similar habitat on the peninsula still exists as well as more extensive habitat on the north side of the marina cove.

An indirect impact of the revetment is the possible mortality of some mangroves adjacent to the revetment due to the blocking of tidal flow between the old riverbed and the peninsula's wetlands. Depending upon rainfall and tidal influence, these areas may convert into a more herbaceous, high marsh, or become a salt barren. Any indirect loss of mangrove swamp must be added to the mitigation required for the direct impacts.

Few upland or transitional plants and terrestrial animals are likely to use the dry portions of the revetment. Estuarine organisms may use those sections of the revetment that are under regular and irregular tidal influence. In the event the remaining north spit marsh erodes and inlet breakthrough occurs, a portion of the entire southwest side of the revetment is predicted to be under littoral and sublittoral influence. The pattern of floral and faunal use of this area is then expected to be more like that of the north and south jettys.

### Alignment Three

The third revetment alignment would extend 1600 feet from the north jetty towards the marina along open water, wetlands, and dense transitional uplands which form the northwest boundary of the marina cove.. The revetment footprint would total about 4.86 acres and would only protect against ocean flanking of the north jetty.

### Pre-construction Impacts

A paved road is adjacent and parallel to the alignment's footprint. This road and the lack of unpaved roads through the transitional area eliminates the need and potential habitat impacts from collecting soil core samples with a tracked vehicle. The area within the footprint would have to be cleared of all vegetation, creating a potential erosion condition into the marina cove.

### Construction and Post-construction Impacts

This alignment would directly impact 4.86 acres, 2.85 acres of which traverse a portion of the existing sand barrier as well as some backdune habitat. These sites are the same as those described for section one of the revetment two alignment, with similar expected impacts. The remaining two acres are predominantly transitional uplands plus some tidal mud flat, salt marsh, and mangrove swamp. The impact to tidal mud flats would be temporary, since sedimentation and backfill would be expected to cover at least that portion of the revetment where the impact occurs below mean low water. In-kind mitigation would be required for the loss of the vegetated wetlands. The loss of the mostly woody transitional area would be significant since the only other habitat within the north spit area is on the spoil peninsula, where there are concerns about

erosion following a breakthrough produced by a catastrophic weather event.

### Channel Dredging Alternative

This alternative consists of engineering a channel through the old riverbed to provide a more northern link between Ponce Inlet and the north channel of the Halifax River. The dredged channel would be approximately 2500 feet long, 100-200 feet wide, with an operating depth of 12 feet. Creation of a controlled channel would not protect the remaining north spit marsh or toe end of the north jetty from erosion, nor would it necessarily by itself protect the north jetty from flanking. The benefit would be to protect the spoil peninsula from erosion and maintain navigability by reducing shoaling potential at the mouth of the marina cove and the adjacent Halifax River. The dredging would likely require both land and water-based operations.

#### Pre-construction Impacts

Samplings of submerged sediment within the proposed dredge area by barge and small boat are expected to have only temporary effects on the benthos. Impacts similar to what occurred with revetment alignment two may be expected if soil sampling of the two to three acres of salt marsh and mangrove swamp within the channel footprint is done using a tracked vehicle.

#### Construction and Post-construction Impacts

The dredging in open water will remove the existing benthic community within the excavated area. Turbidity, especially within the old riverbed, will likely have a temporary, though possibly significant impact, on plankton and fish. Water-based operations may temporarily increase the risk of impacts to manatees and sea turtles. Land-based operations will remove some terrestrial plants and temporarily displace or kill some animals, possibly including the Atlantic salt marsh snake. Up to three acres of mixed salt marsh, mangrove swamp, and sand beach will be lost due to their location within the footprint of the channel. In-kind mitigation would be required for the loss of the vegetated wetlands. Dredging would generate approximately one million cubic yards of spoil. Beach-quality material may be used in re-nourishment projects, subject to further review by state and federal agencies. Other spoil should be deposited within permitted and active disposal sites to minimize potential impacts to fish and wildlife resources. Permitted but inactive sites and new sites without wetlands under consideration for disposal should first be assessed for occurrence of and potential impacts to federally-listed species. New potential sites with possible wetland impacts would first require a review of all fish and wildlife resources for possible impacts.

Some recolonization of dredged areas within the vicinity of the inlet and Halifax River should occur, and produce a benthic structure similar to the existing community. Significant changes in depth, current, salinity, and bottom sediments are expected within the old riverbed following dredging. These changes are expected to favor a biotic community which will more closely

resemble that occurring within the inlet and Halifax River. If this alternative produces greatly reduced water velocities on the flood tide in the vicinity of the spoil disposal peninsula, some accretion and low and high marsh formation may occur on the peninsula's southwest shore. If landward water velocities are not significantly diminished over current conditions, some erosion, possible significant, may occur along the same shoreline. This would likely have short-term impacts on the open water and benthic communities.

## **Alternatives and Mitigation Recommendations**

### **Alternatives Analysis**

Table lists the navigation improvement alternatives with a subjective ranking based on the impacts and benefits, both likely and projected, to fish and wildlife resources. Rankings are given for alternatives alone, without mitigation, and combined with the south jetty extension alternative and mitigation. The no action alternative is included for comparative purposes only. The table indicates that the combinations of south jetty extension with north jetty repair and scour apron extension, and the second revetment alignment, offer the best opportunities to minimize project impacts to and/or enhance conditions for fish and wildlife resources.

### **Mitigation**

#### **South Jetty Extension**

Habitat impacts for which mitigation is recommended include high salt marsh and mangrove wetlands and coastal dunes. Avoidance of direct impact to the wetlands is recommended for the toe-end portion of the south jetty discussed previously as under consideration as a source of jetty rock. Primary mitigation would include maintaining a buffer zone from 25 to 50 feet between the excavation and the delineated wetland border. All equipment and storage of material should remain outside this border and within the remaining jetty footprint and the adjacent sand road. Depressions created by the excavations and other small dunes impacted by this operation must at least be restored to the original size, shape, and orientation, using similar surface material. The preferred route for transport of the rock and other equipment is through the nearest beach road access approximately 1.5 miles south of the south jetty. In the event this beach access is not wide enough for passage of trucks and heavy equipment, passage through fore and back dunes may be considered. Should this option become necessary, the dune opening must be no longer or wider than is necessary for the most direct and single lane route of travel to the south jetty beach. Upon completion of the project, the backdunes will be restored to their pre-existing size, shape, and orientation using the original dune material. Revegetation may occur naturally from the adjacent dunes, but planting may be necessary. Fore-dune recovery may be aided by reconstructing the back slope of the fore-dune and using snow fences to capture aeolian drift for a more natural buildup of its front edge. Revegetation is expected to occur naturally from adjacent fore-dunes.

### North Jetty Repair and Scour Apron Extension

No mitigation for wetlands or is anticipated for this alternative since a water-based operation is the the only reasonable approach to accomplishing this work.

### Revetment Alignment Number Two

Impacts requiring mitigation include loss of between two and tree acres of vegetated wetlands within and at the edge of the spoil disposal peninsula. The recommended mitigation plan is to create suitable habitat from the adjacent mangrove swamp by scraping down the upland portions of the peninsula north and east of the revetment to an elevation equal to or no more than two inches below the adjacent swamp elevation, and planting mangroves and transitional wetland species. The specific upland areas considered for this mitigation work include the herbaceous field and the western upland area at the tip of the peninsula.

For salt marsh and additional mangrove swamp mitigation, the recommended plan is to use some of the spoil remaining from the mangrove mitigation plan to create wetlands at the eastern end of the marina cove. Enough spoil would be deposited over the tidal flat and open water to bring that area up to the elevation required to promote and support natural growth of low salt marsh vegetation. This area also could be artificially planted, if necessary.



UNITED STATES DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
NATIONAL MARINE FISHERIES SERVICE

Southeast Regional Office  
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October 29, 1992

Colonel Terrence C. Salt  
District Engineer, Jacksonville District  
Department of the Army, Corps of Engineers  
P.O. Box 4970  
Jacksonville, FL 32232-0019

Dear Colonel Salt:

This is in response to your request, dated September 29, 1992, for comments regarding proposed improvements at Ponce de Leon Inlet, Volusia County, Florida.

A member of our staff visited the site on October 28, 1992. Based upon the information provided for the five alternatives under consideration the NMFS recommends alternative (c). This alternative, rebuilding damaged portions of the north jetty, would have minimal impacts upon marine and anadromous fishery resources for which we are responsible.

If we can be of further assistance, please contact Mr. David N. Dale of our Panama City Branch Office at 904/234-5061.

Sincerely,

Andreas Mager, Jr.  
Assistant Regional Director  
Habitat Conservation Division

cc: F/SE02

