

REQUEST FOR INFORMATION

STATE OF NORTH CAROLINA Department of Environmental Quality, Division of Coastal Management	REQUEST FOR INFORMATION NO. 16-32314-WA Due Date: February 4, 2016 at 2:00 PM
<i>Refer <u>ALL</u> Inquiries to:</i> Wanda Andrews Telephone No. 919-707-8538	Issue Date: January 7, 2016 Solicitation: Analysis of Removal of the Southern Component of the New Inlet Dam
Email: wanda.andrews@ncdenr.gov	Using Agency Name: NC DEQ Coastal Management

VENDOR INFORMATION

VENDOR NAME: Vendor Name	EMAIL: Email address	
STREET ADDRESS: Street Address	P.O. BOX IF APPLICABLE: P.O. Box	ZIP: 00000
CITY & STATE & ZIP: City State Zip Code	TELEPHONE NUMBER: xxx-xxx-xxxx	
NAME & TITLE OF CONTACT PERSON: Name Title		

1.0 SUBMISSION INSTRUCTIONS:

A. Email (Preferred):

Submit one emailed electronic copy of this completed Word file to Wanda Andrews at wanda.andrews@ncdenr.gov. It is the responsibility of the Vendor to submit the Request for Information (RFI) by the specified time and date of opening.

B. Mail:

Mail only one Request for Information (RFI) response per envelope. Address envelope and clearly note RFI number as shown below. It is the responsibility of the Vendor to have the RFI in this office by the specified time and date of opening.

<u>MAILING ADDRESS, IF DELIVERED BY US POSTAL SERVICE</u>	<u>OFFICE ADDRESS, IF DELIVERED BY ANY OTHER MEANS</u>
RFI NO. 16-32314-WA Department of Environmental Quality, Coastal Management Division Attn: Wanda Andrews Box: 1606 MAIL SERVICE CENTER Raleigh, NC 27699	RFI NO. 16-32314-WA Department of Environmental Quality, Coastal Management Division Attn: Wanda Andrews 217 West Jones Street, Suite 5422M, Raleigh, NC 27603-1606

IMPORTANT NOTE ABOUT MAIL SUBMISSIONS: All Vendors are urged to take the possibility of delay due to submitting via U.S. Mail into account when submitting their response to this RFI.

QUESTIONS

Submit written questions to Wanda Andrews until January 19, 2016 at 11:00 AM. Questions may be submitted by email to wanda.andrews@ncdenr.gov.

2.0 OVERVIEW

The purpose of this Request for Information (RFI) is to acquire information from Vendors regarding their capability to conduct a cost benefit analysis of removal of the Southern Component of the New Inlet Dam and an inventory of the necessary permits and approvals needed to develop and implement a removal plan. The State of North Carolina will use the information received from this RFI as input for potential future contracting strategies. Vendors interested in participating in possible future opportunities are encouraged to respond to this RFI.

It is the objective of this RFI to:

Develop an understanding of which firms are capable of conducting an analysis of the costs and benefits of removal of the Southern Component of the New Inlet Dam along the Cape Fear River as proposed in the 2015 Appropriations Act Section 14.6.(h) and an inventory of the necessary permits and approvals needed to develop and implement a removal plan.

The following are attached to the RFI as one attachment: 1. 2015 Appropriations Act Section 14.6. (h), 2. Map of the New Inlet Dam, and 3. Pictures of the Southern Component of the New Inlet Dam.

The State is seeking detailed responses to the RFI demonstrating your firm's experience in these areas.

3.0 INSTRUCTIONS

3.1. Schedule

Respondents will have four (4) weeks to prepare and return their submissions to this RFI. Responses must be received by the date, time and the location specified on the first page of this RFI.

3.2. Clarification Questions

Clarification questions will be accepted until January 19, 2016 at 11:00 AM as specified on the first page of this RFI. Clarification questions can be submitted by email (preferred method) to wanda.andrews@ncdenr.gov. An addendum containing any general clarification questions and their answers may be issued as an addendum to this RFI.

3.3. Response

Please note this is a request for information only and not a request for goods or services. The Vendor must bear all costs for preparing this RFI.

4.0 RESPONSE

4.1 Instructions:

Vendors are requested to respond to the requested information below. A response does not bind or obligate the responder to the State of North Carolina to any agreement of provision or procurement of products referenced. No contract can or will be awarded based on submissions.

In order to facilitate the review of the questions, please provide the information in the exact order as below and do not alter the format of this document. You may put responses within this document directly below each question. Please rename this document NC Analysis of Removal of the Southern Component of the New Inlet Dam RFI_VENDOR NAME.doc (.docx also acceptable). In the renamed document title VENDOR NAME should be substituted with your company's name.

4.2 Requested Information:

1. Topic 1: State and Federal Permits, Approvals, and Studies

Question 1: What types of permits, approvals, and environmental studies will likely be needed to develop and implement a removal plan for the Southern Component of the New Inlet Dam? Describe the approach the firm will take to inventory these.

RESPONSE:

Question 2: Describe the firm's experience working with the types of permits, approvals, and environmental studies identified in Question 1 above. List all certifications and licenses the firm holds that are relevant to this work.

RESPONSE:

2. Topic 2: Costs and Benefits Analysis

Question 1: Describe the firm's experience in conducting costs and benefits analyses. List all certifications and licenses the firm holds that are relevant to this work.

RESPONSE:

Question 2: Describe the firm's ability and approach to conduct a costs and benefits analysis on the following topics as they relate to the proposal to remove the Southern Component of the New Inlet Dam:

- a. Environmental impacts including hydrology (e.g., salinity regime, tidal prism, and currents), sediment dynamics, habitat distribution, species distribution and utilization, and water quality to the Zeke's Island Reserve, lower Cape Fear River, and other special economic and natural resource assets in the immediate vicinity of the New Inlet Dam;
- b. Navigational access impacts to the Port of Wilmington and for other commercial and recreational vessels;
- c. Economic factors including cost and maintenance of removal, cost and maintenance of restored condition, and changes to commercial and recreational use of the area;
- d. Beach erosion and sand management for adjacent and surrounding beach communities; and
- e. Storm vulnerability to the Zeke's Island Reserve, lower Cape Fear River, adjacent and surrounding communities, and other special economic and natural resource assets in the immediate vicinity of the New Inlet Dam.

RESPONSE:

- (22) The Secretary of Environment and Natural Resources for the waiver or modification of non-State cost-share requirements under G.S. 143-215.73G."

CAPE FEAR ESTUARINE RESOURCE RESTORATION

SECTION 14.6.(h) The General Assembly finds that the New Inlet Dam or "The Rocks" was constructed by the United States Army Corps of Engineers in the late 19th century. The New Inlet Dam is composed of two components, a Northern Component that extends from Federal Point to Zeke's Island and a Southern Component that extends southwestward from Zeke's Island and separates the New Inlet from the main channel of the Cape Fear River. The General Assembly further finds that the Southern Component of the New Inlet Dam impedes the natural flow of water between the Cape Fear River and the Atlantic Ocean that occurred prior to emplacement of the dam. The General Assembly further finds that it is necessary to consider removal of the Southern Component of the New Inlet Dam in order to reestablish the natural hydrodynamic flow between the Cape Fear River and the Atlantic Ocean. To this end, the Department of Environment and Natural Resources shall do all of the following:

- (1) Notify the United States Army Corps of Engineers of the State's intent to study the removal of the Southern Component of the New Inlet Dam.
- (2) Issue a Request for Information for a firm capable of conducting an analysis of the costs and benefits of removal of the Southern Component of the New Inlet Dam, including an inventory of all necessary State and federal permits and approvals needed to develop and implement a removal plan. Identification of a capable firm pursuant to this section shall be done in accordance with Article 8 of Chapter 143 of the General Statutes.
- (3) Request approval from the National Oceanic and Atmospheric Administration to adjust the boundary established for Zeke's Island for both of the following changes:
 - a. Moving the current western boundary 200 feet seaward and removing the area that lies between the current boundary and the new boundary from the North Carolina National Estuarine Research Reserve.
 - b. Compensating for any loss of acreage pursuant to sub-subdivision a. of this subdivision by adding a corresponding amount of acreage to the northern boundary of Zeke's Island from adjacent acreage at Fort Fisher State Recreation Area.
- (4) If the Department obtains approval from the National Oceanic and Atmospheric Administration to adjust the boundary established for Zeke's Island as described in subdivision (3) of this subsection, the Coastal Resources Commission shall amend 15A NCAC 070 .0105 (North Carolina Coastal Reserve: Reserve Components) as follows:
 - a. Definitions. – "Reserve Components Rule" means 15A NCAC 070 .0105 (North Carolina Coastal Reserve: Reserve Components) for purposes of this section and its implementation.
 - b. Reserve Components Rule. – Until the effective date of the revised permanent rule that the Coastal Resources Commission is required to adopt pursuant to sub-subdivision d. of this subdivision, the Commission and the Department of Environment and Natural Resources shall implement the Reserve Components Rule, as provided in sub-subdivision c. of this subdivision.
 - c. Implementation. – Notwithstanding the Reserve Components Rule, the Commission shall adjust the boundary established for Zeke's Island in conformance with any boundary change that is approved by the National Oceanic and Atmospheric Administration pursuant to subdivision (3) of this subsection.
 - d. Additional rule-making authority. – The Commission shall adopt a rule to replace the Reserve Components Rule. Notwithstanding G.S. 150B-19(4), the rule adopted by the Commission pursuant to this subdivision shall be substantively identical to the provisions of sub-subdivision c. of this subdivision. Rules adopted pursuant to this subdivision are not subject to Part 3 of Article 2A of Chapter 150B

of the General Statutes. Rules adopted pursuant to this subdivision shall become effective as provided in G.S. 150B-21.3(b1) as though 10 or more written objections had been received as provided by G.S. 150B-21.3(b2).

- e. Effective date. – Sub-subdivision c. of this subdivision expires when permanent rules to replace sub-subdivision c. of this subdivision have become effective, as provided by sub-subdivision d. of this subdivision.

Notwithstanding any other provision of law, the Department of Environment and Natural Resources may use funds from the Deep Draft Navigation Channel Dredging and Maintenance Fund, established pursuant to G.S. 143-215.73G, as enacted by subsection (c) of this section, to implement this subsection. No later than April 1, 2016, the Department shall report to the Environmental Review Commission, the chairs of the Senate Appropriations Committee on Natural and Economic Resources and the House Appropriations Committee on Agriculture and Natural and Economic Resources, and the Fiscal Research Division regarding its implementation of this subsection, including a copy of the Request for Information required by subdivision (2) of this subsection and any responses received to the Request. Neither the Department nor any State agency may proceed with the removal of the New Inlet Dam until (i) the Environmental Review Commission has reviewed the report required by this section and (ii) a bill expressly providing authorization for the removal becomes law.

CLARIFY COASTAL COUNTY AUTHORITY OVER ABANDONED VESSELS

SECTION 14.6.(n) Section 1 of S.L. 2013-182 is repealed.

SECTION 14.6.(o) G.S. 153A-132(i), as rewritten by S.L. 2013-182, reads as rewritten:

"(i) A county may by ordinance prohibit the abandonment of vessels in navigable waters within the county's ordinance-making jurisdiction, subject to the provisions of this subsection. The provisions of this section shall apply to abandoned vessels in the same manner that they apply to abandoned or junked motor vehicles to the extent that the provisions may apply to abandoned vessels. For purposes of this subsection, an "abandoned vessel" is one that meets any of the following:

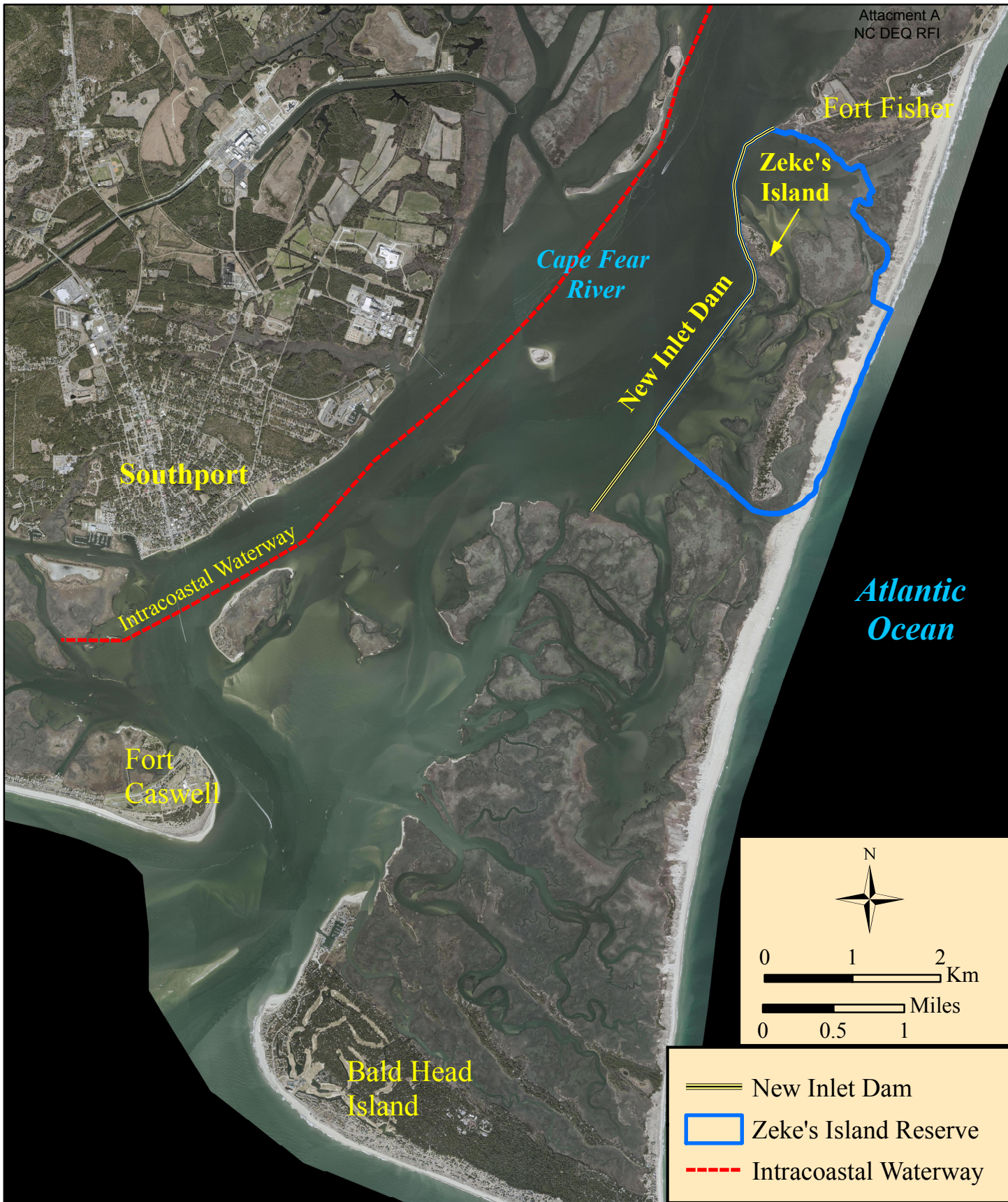
- (1) A vessel that is moored, anchored, or otherwise located for more than 30 consecutive days in any 180 consecutive-day period without permission of the dock owner.
- (2) A vessel that is in danger of sinking, has sunk, is resting on the bottom, or is located such that it is a hazard to navigation or is an immediate danger to other vessels.

Shipwrecks, vessels, cargoes, tackle, and other underwater archeological remains that have been in place for more than 10 years shall not be considered abandoned vessels and shall not be removed under the provisions of this section without the approval of the Department of Cultural Resources, which is the legal custodian of these properties pursuant to G.S. 121-22 and G.S. 121-23. This subsection applies only to the counties set out in G.S. 113A-103(2)."

EROSION CONTROL STRUCTURES

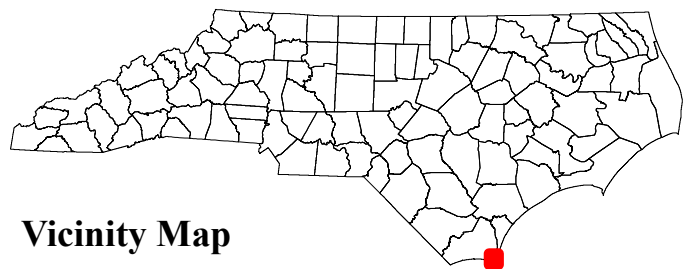
SECTION 14.6.(p) The Coastal Resources Commission shall amend its rules for the use of temporary erosion control structures to provide for all of the following:

- (1) Allow the placement of temporary erosion control structures on a property that is experiencing coastal erosion even if there are no imminently threatened structures on the property if the property is adjacent to a property where temporary erosion control structures have been placed.
- (2) Allow the placement of contiguous temporary erosion control structures from one shoreline boundary of a property to the other shoreline boundary, regardless of proximity to an imminently threatened structure.
- (3) The termination date of all permits for contiguous temporary erosion control structures on the same property shall be the same and shall be the latest termination date for any of the permits.
- (4) The replacement, repair, or modification of damaged temporary erosion control structures that are either legally placed with a current permit or



New Inlet Dam

Map produced to support
Request for Information
per 2015 Appropriations Act
Section 14.6.(h).



Vicinity Map



Figure 1. Photograph taken 12.11.2015 on the New Inlet Dam approximately 0.25 miles south of Zeke's Island looking south along the dam at low tide. Photograph is for informational purposes only to support the Request for Information per 2015 Appropriations Act Section 14.6.(h) and does not necessarily represent conditions along the entire length of the New Inlet Dam.

Figure 2. Photograph taken 12.11.2015 on the New Inlet Dam approximately 0.25 miles south of Zeke's Island looking north along the dam at low tide. Photograph is for informational purposes only to support the Request for Information per 2015 Appropriations Act Section 14.6.(h) and does not necessarily represent conditions along the entire length of the New Inlet Dam.

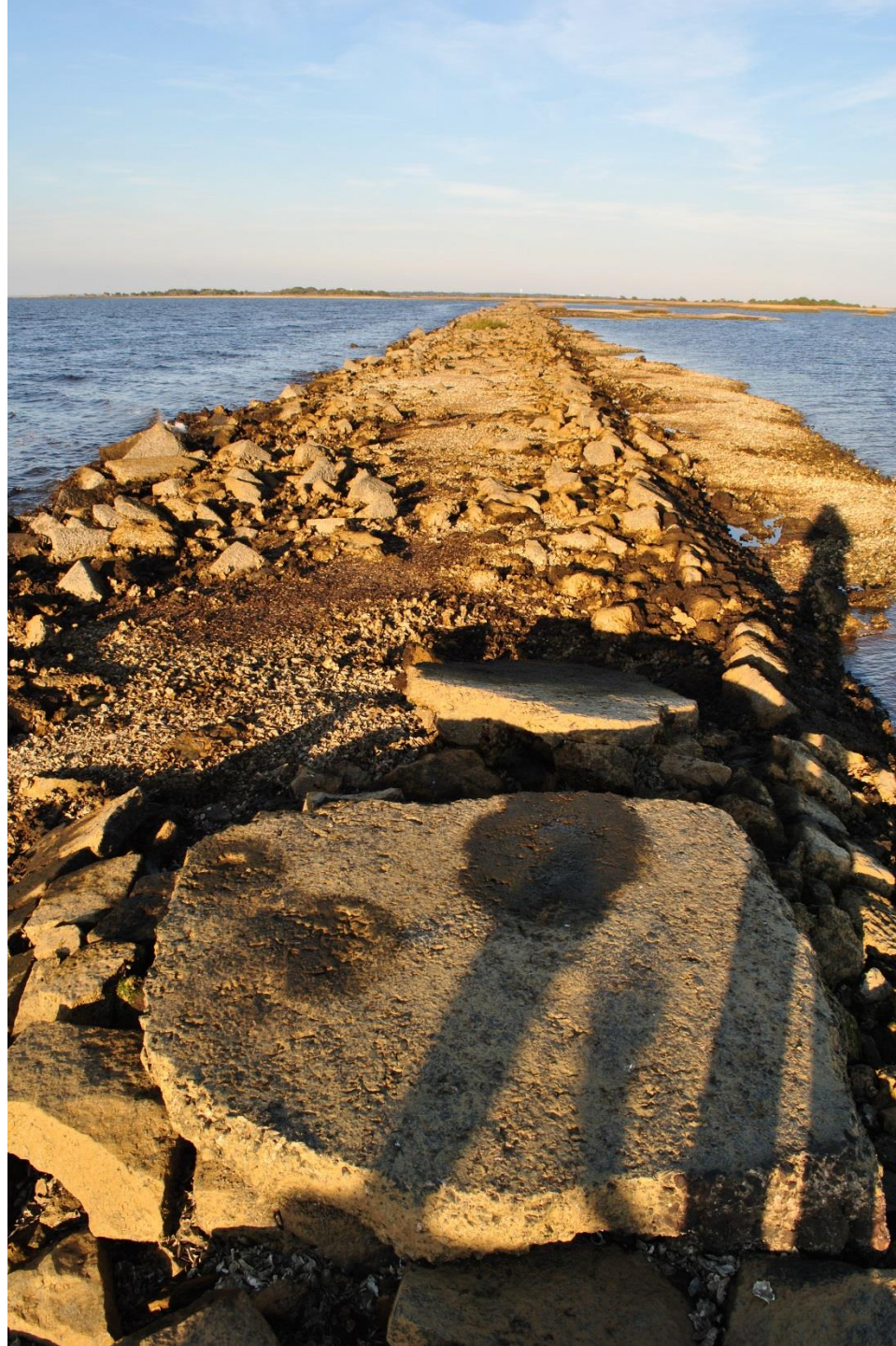


Figure 3. Photograph taken 12.11.2015 on the New Inlet Dam at low tide depicting a more intact portion of the dam surface. Photograph is for informational purposes only to support the Request for Information per 2015 Appropriations Act Section 14.6.(h) and does not necessarily represent conditions along the entire length of the New Inlet Dam.



Figure 4. Photograph taken 12.11.2015 on the New Inlet Dam at low tide depicting a less intact portion of the dam surface. Photograph is for informational purposes only to support the Request for Information per 2015 Appropriations Act Section 14.6.(h) and does not necessarily represent conditions along the entire length of the New Inlet Dam.



Figure 5. Photograph taken 12.11.2015 on the New Inlet Dam at low tide depicting a concrete cap on a portion of the dam surface. Photograph is for informational purposes only to support the Request for Information per 2015 Appropriations Act Section 14.6.(h) and does not necessarily represent conditions along the entire length of the New Inlet Dam.





PAT MCCRORY
Governor

DONALD R. VAN DER VAART
Secretary

BID ADDENDUM

FAILURE TO RETURN THIS BID ADDENDUM IN ACCORDANCE WITH INSTRUCTIONS MAY SUBJECT YOUR BID TO REJECTION.

Bid Number: 16-32314-WA Bid opening Date/Time remains: February 04, 2016

DISCRIPTION: Analysis of removal of the Southern Component of the New Inlet Dam

Addendum Number: 2

Addendum Date: January 11, 2016

INSTRUCTIONS:

On addendum number 1, the captions of the pictures are not clear and some of the letters have been cut off. The pictures are in the correct order. I have copied the captions on to a separate document as addendum number 2. It is not necessary for this addendum to be signed and returned along with your completed RFI but it is acceptable should you chose to do so.

1. Check ONE of the following options:

Bid has not been sent. Any changes resulting from this addendum are included in our bid.

Bid has already been sent. No changes resulted from this addendum.





PAT MCCRORY
Governor

DONALD R. VAN DER VAART
Secretary

Bid has already been sent. Changed resulting from this addendum is as follows:

Execute Addendum:

Bidder:

Authorized Signature:

Name and Title (Typed):

Date: _____



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