

## MEMORANDUM THRU OP-O

FOR FO-MO *1.15.93*SUBJECT: *PH 1/AA3* Bar Channel D/A, Mobile Harbor

1. Reference your memo to this office dated 8 Dec 92 regarding subject above. A copy is attached.

2. We have coordinated the following answers to your questions with PD-EC (Susan Rees) and PD-F (Walt Burdin).

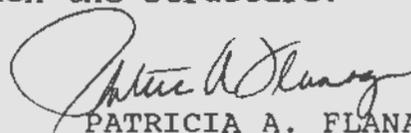
a) The District has committed to making the "near shore" or littoral zone disposal area available as an option. We would not require the contractor to use the site, simply make it available to him.

b) The environmental clearances have not been obtained. PD-EC is awaiting our request showing a proposed area. In discussions with both offices, the "littoral zone" is from approximately the 25 foot contour inward to the beach line. Nature's ability to transport material increases significantly as the water depths decrease. The attached map shows a suggested site. Request your comments. Additionally, we will be able to request funds from the State for the incremental cost, if they desire to have all of the bar channel maintenance materials placed into the littoral zone.

c) To our knowledge, the District does not have a current survey of the littoral zone.

d) There is not a quantity limitation, other than the quality of the material, that we will continue to coordinate with PD-EC.

e) Regarding height restrictions, the limiting factor for the near shore area will be governed by the contractor's equipment more so than an environmental constraint, since the shallower we place the material, the faster the material can be reworked and re-enter the natural process. The off-shore or "stable" berm will probably continue to erode or degrade without additional new work material placement; however, the limiting factor for further placement would be the original constructed height. Additional placement should be parallel to the berm to widen the structure.



PATRICIA A. FLANAGAN

Chief, Western Projects Section

Encl



MEMORANDUM FOR THE RECORD

SUBJECT: Bar Channel D/A, Mobile Harbor

1. In preparation for the next maintenance dredging requirement of Mobile Bar Channel, I wish to present some facts and request your coordination with FD, etc.

2. As I understand it, a presentation was made recently (included Mr. Bevil) indicating that when the Corps dredges the Mobile Bar (maintenance) in the future both the "off-shore" and "near shore" berms would be offered in our contract as disposal areas. This does not mean we would direct the contractor to use one over the other but rather give him that choice. Please confirm this.

3. If above is correct, I have several questions:

a. What is the actual obstruction (deepest) border desired or restricting limit associated with the "near shore" D/A?

b. Is there a restricting limit or border associated with the "near-shore" D/A on the side toward Dauphin Island?

c. Are current surveys of both D/A's available?

d. Is there some quantity limitation in the "near-shore" D/A?

e. What are the finished berm heights elevation restriction?

4. Please answer questions and furnish information by February 1, 1993 or propose other schedule.

PAUL J. WARREN  
Area Engineer  
Mobile Area Office