

*File - Littoral Draft
Disposal of Material
materially*

SAMPD-N

Beneficial Use of Dredged Material from Maintenance
of Mobile District Ship Channels

// THRU: PD
OP
OP-O

PD-N

5 June 1985
Burdin/wb/2772

TO: OP-ON

1. The entrance channel reaches of our deep-draft ship channel projects are routinely maintained by hopper dredging. Current practice for disposal of the dredged material from this work calls for it to be dumped in 50-60 foot depths offshore. This practice effectively removes large quantities of sand from the littoral system and places it in depths from which it cannot return.
2. Since the smaller, split-hulled, hopper dredges began operating in this area several years ago, we have held several informal discussions with Jim Baxter, OP-ON, concerning the use of these dredges to place material from entrance channel O&M at locations closer inshore where the material could return to the littoral system and alleviate erosion downdrift of the inlet. Part of the problem is defining an area which would not preclude the use of the older plant if they wished to bid on a particular job. An additional complication which has surfaced recently is the possibility that the USCG will relax the restrictions which currently keep pipeline dredges from performing much of this work. At a more formal meeting about a month ago, it was agreed that PD-N would prepare a comprehensive Statement of Work and cost estimate for designating appropriate areas, coordinating with the proper agencies, and obtaining the necessary clearances for the ports of Gulfport, Pascagoula, Mobile, Pensacola, Panama City, and Port St. Joe.
3. In the process of coordinating with the various MDO elements who would contribute to this effort, it was discovered that the problem was more complicated than it first appeared. We, therefore, propose a two-phased effort. The first phase, which would approximate a reconnaissance level investigation, would allow us to adequately define the problem and prepare a detailed overall estimate for the second phase, which would approximate a general design memorandum including supplemental environmental impact statements, 404(b) evaluations, and state water quality certifications, as required. Attached is a cost estimate which indicates the first phase would require \$50,000. We estimate that the work could be performed in 6 months, which realistically allows for the usual problems with scheduling.
4. If you wish for further discussions, please call Walt Burdin, PD-N, at ext. 2772. An early decision will facilitate scheduling.

Encl

ROGER A. BURKE
Chief, Coastal Branch

Burdin/PD-N/2772

Burke/PD-N

SAMPD-N

Littoral Zone Disposal of Pass and Bar Channel
Dredged Material

THRU PD
EN-P
EN-Y

PD-N

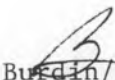
6 November 1985
Burdin/wb/2772

TO EN-YD (Champion & James)

1. For several years discussions on the productive use of the sand dredged from our deep-draft inlet channels have been taking place between representatives of PD and OP. It has recently been agreed that studies are necessary to develop plans for the near-shore or littoral zone disposal of such material at Mobile Harbor, Alabama, Pascagoula Harbor, Mississippi, and Gulfport Harbor, Mississippi. Since OP has concluded agreements for beach nourishment at all our Florida projects, such plans are no longer considered necessary there.

2. An initial allocation of \$10,000 is hereby made to EN-YD to prepare a time and cost estimate and schedule of obligations and expenditures for those studies considered necessary to develop plans for littoral zone disposal at the sites noted, to participate in study team meetings, and coordinate with other elements as needed. Charges should be made to CA299 07500 00006.

ROGER A. BURKE
Chief, Coastal Branch


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