

Excavator Dredges

Project:

180' Hydraulic Excavator *Megan-Renee*

Owner:

J.E. McAmis, Inc.

Builder:

Halimar Shipyard

Excavator:

Komatsu PC3000A

Scope: Glostén assisted in the adaptation of an existing design to meet specific Owner requirements for work in extreme conditions. Innovative features were developed to minimize first cost, yet also provide low maintenance and operating costs.



Megan-Renee at delivery in Morgan City, Louisiana.

View from operator's cab showing the IHC Systems excavator position monitor.



Project Description:

McAmis Industries needed a hydraulic excavator to add to their dredging capability, enabling accurate digging in firm bottom conditions and rough waters. Innovative features included the first traction spud drives. Each of the three spuds exerts approximately 450,000 lbs. of down pressure, to ensure that the barge is a stable work platform unaffected by wakes, ocean surge or digging reactions. The barge is capable of working in 6-ft seas.

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Project:

Excavator Dredge OLM-033

Client:

Washington Group Alberici JV

Owner:

U.S. Army Corps of Engineers

Builder:

Todd Pacific Shipyards Corp.

Excavator:

Komatsu PC3000A

Scope: Glosten modified the contract plans and specifications to meet the Corps of Engineers project requirements. We assisted with shipyard solicitation and award, and acted as technical liaison throughout construction and delivery.



The excavator dredge OLM-033 at work on the Olmsted Dam project on the Ohio River.

Project Description: This dredge design was a derivative of the McAmis vessel shown on the previous page. Modifications included omission of most of the deckhouse, addition of a four point anchor winch system, and lengthening of the legs.