



ERDC Dredging Operations Technical Support Program (DOTS)

U.S. ARMY CORPS OF ENGINEERS

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Response Summary:

This Dredging Operations Technical Support (DOTS) request involved staff in the Coastal and Hydraulics Laboratory (CHL), Navigation branch, providing assistance to Rock Island District (MVR). This assistance took the form of data delivery from multiple shore sites maintained and managed by the USACE Lock Operations Management Application (LOMA), including the following inland shore sites: Brickeys; Decatur; Florence; Gasconade; Glasgow; Grand Tower; Grays Landing; Grays Point; Greenville Bridge; Knoxville; Lexington; Pere Marquette; Prices Landing; Red Bud; and RS Kerr.

Period of Performance:

The planning, coordination, and delivery of data spanned the period of March 17 to April 10, 2023.

Benefits of the Response to the USACE Dredging/Navigation Program:

This DOTS response benefits the USACE navigation program by providing high-resolution historic vessel position reports captured from AIS broadcasts, these datapoint are then used in waterway traffic analysis. Products developed by Rock Island District from this data include heat maps and summary statistics.

Briefly summarize the benefits of the technical response to the Dredging /Navigation program(s).

Deliverable:

The deliverable for this DOTS request was a series of data files transmitted from the LOMA program to the requestor at Rock Island District. For additional questions about LOMA data or the LOMA program please contact LomaAdmin@usace.army.mil.

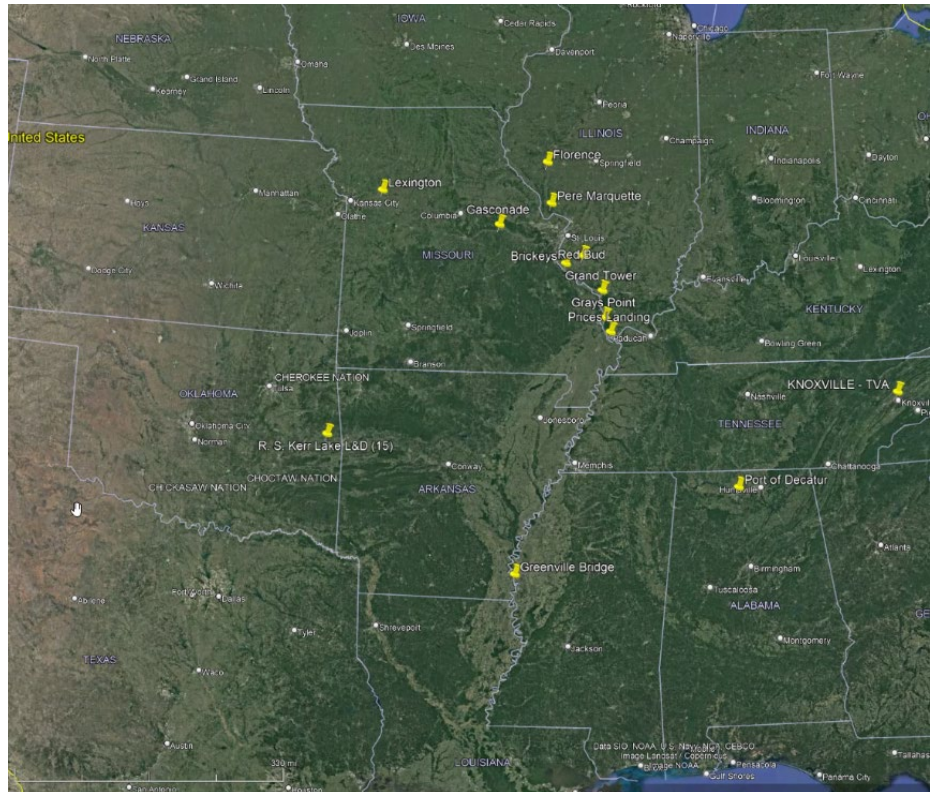


Figure 1. List of LOMA hardware shore sites (yellow pins) included in the data request from Rock Island District.



Providing environmental and engineering technical support to the U.S. Army Corps of Engineers Operations and Maintenance navigation and dredging missions

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