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DEPARTMENT OF THE ARMY
Little Rock District, Corps of Engineers
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LRDOM 1145-2-31

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Office Memorandum
No. 1145-2-31

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10 August 1989

Civil Regulatory Functions
McCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM
STANDING OPERATING PROCEDURE NO. 8
CHANNEL RECONNAISSANCE SURVEYS

1. Purpose. The purpose of this memorandum is to establish procedures and a policy for making reconnaissance hydrographic surveys of the navigation channel.
2. Applicability. The provisions herein are applicable to the Little Rock District portion of the McClellan-Kerr Arkansas River Navigation System.
3. References.
 - a. ER 1130-2-307, 31 October 1968.
 - b. Working agreement between U.S. Coast Guard and Little Rock District for joint publication of channel reports.
4. Policy. It is the policy of the Little Rock District to monitor the capability of the navigation system to serve navigation requirements. Reconnaissance hydrographic surveys are conducted to determine the widths and depths of the navigation channel and to check the condition of navigation aids.
5. Procedures. The following procedures apply only to reconnaissance hydrographic surveys. Detailed hydrographic surveys will be made as needed.
 - a. Each navigation pool shall be surveyed a minimum of 1 time during a 2-week period when flows are less than 70,000 cubic feet per second (c.f.s.) and conditions shall be reported on the "Below 70,000 c.f.s." channel report forms. When flows on the Arkansas River are above 70,000 c.f.s., surveys will be made as

This memorandum supersedes LRDOM 1145-2-23 dated 24 February 1984.

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needed and conditions shall be reported on the "Above 70,000 c.f.s." channel report forms. It may be necessary to survey some of the navigation pools weekly during adverse navigation conditions. The White River Entrance Channel shall be surveyed a minimum of 1 time during a 2-week period. At times it is necessary to survey the White River Entrance Channel daily.

b. The Resident Engineer of the applicable Resident Office shall notify the Chief, Construction-Operations Division, when Resident Office personnel and/or equipment are not available to perform the required surveys. The Chief, Construction-Operations Division, will arrange for the surveys to be made when resources are not available at a Resident Office.

c. Deficiencies in navigation aids shall be noted on the channel report forms and reported to the U.S. Coast Guard the same day. Particular attention shall be given to off-station or missing buoys.

d. When reconnaissance surveys are conducted, survey personnel shall furnish the locks and dams copies of the channel reports. The channel report for a navigation pool shall be furnished to the upstream and downstream lock and dam for distribution to towboat pilots. The lock operators shall furnish copy of the channel report for the upstream pool to upbound tows and a copy of the channel report for the downstream pool to downbound tows. Four copies of all channel reports shall be mailed to Navigation and Maintenance Branch on the day of the survey.

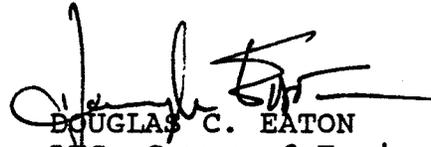
e. A supply of the "Above 70,000 c.f.s." channel report forms (without channel depth data) shall be maintained at each lock and dam for distribution to towboat pilots when flows exceed 70,000 c.f.s. The sailing instructions on the "Above 70,000 c.f.s." channel reports are usable with or without the channel depth data. When survey personnel furnish the locks and dams copies of the "Above 70,000 c.f.s." channel reports with channel depth data, these reports shall be distributed to towboat pilots. When the channel depth data on these reports are no longer accurate, distribution of the "Above 70,000 c.f.s." channel report forms (without channel depth data) shall resume.

f. Survey personnel shall maintain master copies of both types of forms and use the form that matches the flow. Revised masters shall be obtained from the Coast Guard "Aids to Navigation Office" in Memphis, Tennessee.

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6. Advertisement of Requirements. No advertisement to industry required.

FOR THE DISTRICT ENGINEER:


DOUGLAS C. EATON
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