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ENGINEERING AND CONSTRUCTION BULLETIN

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SUBJECT: Standardization of Navigation Structures and Components

CATEGORY: Guidance

1. **References:**

a. USACE Campaign Plan, Objective 2a, “Delivery Quality Water Resources Solutions and Services”

b. ER 1110-1-8168, “Roles and Responsibilities of the Inland Navigation Design Center Mandatory Center of Expertise”

2. **Purpose.** This bulletin identifies responsibilities for the standardization of design, repair, and inspection of navigation facilities including lock structures, gates, bulkheads, power and controls, mechanical operating equipment, and other features within the footprint of a navigation dam. HQUSACE has an enterprise goal of standardizing navigation components in order to lower life cycle costs and improve maintainability. This mission has been assigned to the Inland Navigation Design Center (INDC).

3. **Background.** LTG Semonite directed HQUSACE to establish a long-term plan to standardize navigation locks and dams. HQUSACE tasked the INDC to lead development of implementation, planning and execution across the enterprise. ER 1110-1-8168 gives mission responsibility for leading, managing, and executing standardization of navigation structures and their components to the INDC. The INDC standardization efforts will be reported through the Inland Navigation Design Oversight Committee (INDOC) to Senior Leaders.

4. **Policy.** All activities involving construction, rehabilitation, repair or replacement of navigation structures or components will be executed with consideration for standardization opportunities. Category 1, 2, and 3 workload, as defined in ER 1110-1-8168, will be coordinated with the INDC for potential opportunities for standardization. This will be achieved through inclusion of the INDC in routine workload planning processes to provide visibility and timelines for action.

5. **Distribution.** Unlimited.

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6. **Points of Contact.** The points of contact for this ECB are Mr. Richard Ludwitzke, CECW-CE; Mr. Fred Joers, INDC Director (CEMVR-DC); and Mr. Andy Harkness, INDC Deputy Director (CEMVR-DC).

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LARRY D. MCCALLISTER, PHD, P.E., PMP
Chief, Engineering and Construction
U.S. Army Corps of Engineers