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ENGINEERING AND CONSTRUCTION BULLETIN

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SUBJECT: Guidance for Design of Hydraulic Steel Structures

CATEGORY: Directive and Guidance.

1. **References.**

- a. Engineer Technical Letter, (ETL) 1110-2-584, Design of Hydraulic Steel Structures
- b. Engineer Regulation, (ER) 1110-2-8157, Responsibility for Hydraulic Steel Structures

2. **Purpose.** This ECB provides interim guidance for the design of hydraulic steel structures (HSS). HSS are structures which control or regulate water and are typically part of a larger navigation, hydropower or flood control project. Refer to ER 1110-2-8157 for examples of typical HSS.

3. **Background.** In 2014, ETL 1110-2-584, Design of Hydraulic Steel Structures, was published. This ETL is expiring on 30 June 2019. There is an ongoing effort to update this guidance as an Engineer Manual, having the same title. The EM is expected to be published later this year and will be numbered EM 1110-2-2107.

4. **Applicability.** This ECB applies to HQUSACE elements, major subordinate commands, districts, laboratories, and field operating activities having responsibility for design of civil works projects.

5. **Guidance.** The attached guidance will be used for the design of new HSS and major rehabilitation of existing HSS. This ECB will be superseded upon the publication of EM 1110-2-2107.

6. **Points of Contact.** HQUSACE point of contact for this ECB is Chris Westbrook, CECW-EC, (202) 761-7584, Christopher.H.Westbrook@usace.army.mil.

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