



DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS  
441 G STREET, NW  
WASHINGTON, DC 20314-1000

REPLY TO  
ATTENTION OF

CECW-P

7 November 2012

MEMORANDUM FOR Director, Planning Center of Expertise for Inland Navigation (PCXIN)

SUBJECT: Planning Model Certification Modification of the Waterway Analysis Model,  
Calcasieu Lock Replacement

1. On 15 August 2011, the Waterway Analysis Model (WAM), Shallow Draft Version 10-01-01 was certified for national use through August 2014. The PCXIN has modified the Certified WAM for the Calcasieu Lock Replacement Feasibility Study to account for the authorized purposes of salinity and flood control. The PCXIN believes that the changes are not enough to warrant recertification on a national level and therefore, the PCXIN recommends approval for use of the modified WAM model for the Calcasieu lock Feasibility Study subject to Agency Technical Review (ATR). The PCXIN believes that the Calcasieu Lock Feasibility Study is the only instance nationally where the modified WAM would be appropriate for use.

2. Based on the PCXIN's recommendation, the HQUSACE Model Certification Panel approves the modifications for use on the Calcasieu Lock Replacement Study. Should the ATR find any issues this approval for use will be void and the PCXIN will be required to re-engage the HQUSACE Model Certification Panel. The proposed use of the Oak Ridge Laboratory would adequately meet the technical review requirements and ensure that the model meets the certification criteria contained in EC 1105-2-412. This approval for use is based on the decision of the HQUSACE Model Certification Panel which considered the PCXIN assessment of the model.

APPLICABILITY: This approval for use is limited to the subject study.

HARRY E. KITCH, P.E.  
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Directorate of Civil Works