



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW ORLEANS DISTRICT
7400 LEAKE AVE
NEW ORLEANS, LA 70118-3651

CEMVN-EDD-S

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Low Water Reference Plane (2007) as Project Datum for Deep Draft Navigation Channel, Baton Rouge to Venice, LA

1. The purpose of this memorandum is to clarify the appropriate datum to be used for navigation projects in the Mississippi River from Baton Rouge to Venice, LA. Investigations that are part of the current Port of New Orleans study will be supported by this clarification.
2. References:
 - a. Memorandum, CEMVN-ED-S, subject: Revised Vertical Control Requirements for USACE Projects (Engineering Division Datum Policy Memo #2), dated 01 December, 2008.
 - b. Memorandum, CEMVD-PD-W, subject: Revision of the Low Water Reference Plane (LWRP), dated 10 December 2007.
 - c. The CEMVN-ED-S Engineering Documentation Report (EDR), Mean Low Gulf (MLG) to Mean Lower Low Water (MLLW) Vertical Datum Conversion, Mississippi River, Venice, Louisiana to the Gulf of Mexico (Vicinity of Southwest Pass) EDR-OD-01, Revision 1, dated 01 May 2017.
3. The Reference 2.a policy memorandum states that the region's vertical control is periodically readjusted to develop current elevations based on updated datums and epochs in response to subsidence. The referenced memorandum indicates that the Mississippi River navigation project's design and maintenance shall be referenced to the latest approved LWRP, which was LWRP 2007 at that time.
4. The LWRP 2007 datum was approved for use by the Reference 2.b memorandum.
5. The MLLW (2007-2011) datum was approved for use for the Mississippi River below River Mile 13.4 by the Reference 2.c EDR.

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6. The LWRP 2007 datum should be used for all navigation projects above River Mile 13.4. The MLLW (2007-2011) datum should be used for all navigation projects below River Mile 13.4.

7. POC for this memo is Mr. Michael French, PLS, District Datum Coordinator, x1865 or email: michael.d.french@usace.army.mil.

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