

DEPARTMENT OF THE ARMY
Corps of Engineers, New Orleans District
7400 Leake Avenue
New Orleans, Louisiana 70118

CEMVN-ODT-C

4 April 2024

NAVIGATION BULLETIN NO. 24-54

BAPTISTE COLLETTE BAYOU AND TIGER PASS
MLG TO MLLW VERTICAL DATUM CONVERSION

Reference Engineering Documentation Reports EDR-OD-05 "Mississippi River Outlets Vicinity of Venice, LA - Baptiste Collette Bayou, Mississippi River to Breton Sound - MLG to MLLW Vertical Datum Conversion", dated April 2023, and EDR-OD-06 "Mississippi River Outlets Vicinity of Venice, LA - Tiger Pass, Mississippi River to the Gulf of Mexico - MLG to MLLW Vertical Datum Conversion", dated April 2023, stating that the U.S. Army Corps of Engineers (USACE), New Orleans District is converting the vertical datum for all coastal projects from the legacy Mean Low Gulf (MLG) terrestrial datum to the Mean Lower Low Water (MLLW) tidal datum, in accordance with a 2014 HQ-USACE Memorandum which defined policy for Federal Navigation Projects where the decision documents supporting project authorization and the project authorization in law do not reference the MLLW datum.

As of 4 April 2024, the results of EDR-OD-05 and EDR-OD-06 will be reflected on current and future hydrographic survey products as well as dredging specifications. Channel depths formerly displayed in MLG datum, will now be displayed in MLLW datum.

The datum conversion of 0.0' MLLW = 3.5' MLG when applied to the Baptiste Collette Bayou project authorization yields the following:

BAPTISTE COLLETTE BAYOU
-14' MLG = -17.5' MLLW from Mile 0.0 to Mile 6.2
-16' MLG = -19.5' MLLW from Mile 6.2 to Mile 12.4

The datum conversion of 0.0' MLLW = 3.0' MLG when applied to the Tiger Pass project authorization yields the following:

TIGER PASS
-14' MLG = -17' MLLW from Mile 0.0 to Mile 6.2
-16' MLG = -19' MLLW from Mile 11.6 to Mile 14.7

These conversion values are considered absolute and document current practices. MLG to MLLW will not be redefined for Baptiste Collette Bayou and Tiger Pass. However, the relationships between MLLW and NAVD 88 will need to be periodically updated to incorporate the future sea level rise and local subsidence.

EDR-OD-05 can be viewed online at the following URL:
[https://www.mvn.usace.army.mil/Portals/56/EDR-OD-05%20\(25%20Apr%202023\).pdf](https://www.mvn.usace.army.mil/Portals/56/EDR-OD-05%20(25%20Apr%202023).pdf)

EDR-OD-06 can be viewed online at the following URL:
[https://www.mvn.usace.army.mil/Portals/56/EDR-OD-06%20\(25%20Apr%202023\).pdf](https://www.mvn.usace.army.mil/Portals/56/EDR-OD-06%20(25%20Apr%202023).pdf)

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