



PROJECT: Hurricane Ivan, 1549 DR - ALABAMA, 1550 DR - Mississippi CHWMs
CONTENTS: Individual Historical High Water Mark Survey Report
TYPE: High Water Mark Survey
COMM. NO. 285257 **PREL.** 11/10/2004 **FINAL** 12/23/2004 **SHEET** Harr-3

HWM ID: Unit4_3 **Type of Mark:** N/A
Name of Storm Event: Ivan **Date of Flood Event:** 9/16/2004
Stream Name/Flood Source: Mississippi Sound/Gulf of Mexico **Quality of Mark:** Good
Survey Elevation (NAVD 88): 6.3 ft **NGVD 29:** 6.1 ft **HWM Object:** Stillwater level
Flooding Type: Coastal surge
HWM Address: 929 S. Cleveland Ave (Long Beach Harbor)
Location of HWM Object: 3" below bottom of dock floor outside Harbor Master's office.
HWM Type: Water level from eyewitness
Closest Municipality: Long Beach **County:** Harrison **State:** MS
Name of Flagger/Interviewer: Westcott **Flagger Company:** Dewberry
Date of Flagging/Interview: 9/30/2004
Survey Crew: Dick Davis **Survey Company:** PBS & J
Survey Date: 11/11/2004
Survey Projection: State Plane Mississippi East **Vertical Datum:** NAVD 88 **Horizontal Datum:** NAD 83
Easting (Meters): 270306.836 **Easting (feet):** 886831.6788
Survey Latitude: 30.34497 **Northing (Meters):** 93701.887 **Northing (feet):** 307420.2729
Survey Longitude: 89.14217 **Approx. First Floor Elevation:** 3.3 ft

Comment

Eyewitness was present during storm and states that the water level he witnessed did not include any waves.

**NO IMAGE TO
DISPLAY**

Survey Certification: Coastal High Water Mark Location survey is certified to 0.25 feet vertically and 10 feet horizontally with a 95% accuracy level.

None taken

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