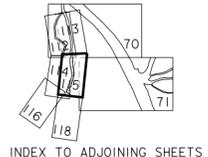
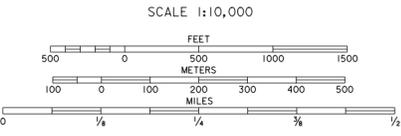




All elevations are expressed in feet and refer to North American Vertical Datum of 1988. Contours below Low Water Reference Plane are expressed in feet at 5 and 10 ft. intervals. Contours above Low Water Reference Plane are expressed in feet at 5 ft. intervals. Planimetry from aerial photographs from January 2002.
 ● Distances on Mississippi River above Head of Passes are shown at 1 mile intervals, 1982 survey.
 Projection Lambert Conformal Conic
 Horizontal Datum North American Datum 1983 NAD 83
 Ellipsoid GRS 80
 L.W.R.P. - Low Water Reference Plane.

NOTE: Depth contours are referenced to MLW value of 0.378 NAVD 88 2004.65 established of Southwest Pass, Pilot Station NOAA Station 8760922. The Pilot Station MLW value has been applied as the best available data; however it is an approximation, not conclusive, and not definitive for this sheet. Contact the Corps of Engineers for updates and correction values developed after date of publication.



MISSISSIPPI RIVER
HYDROGRAPHIC SURVEY 2004
 BLACK HAWK, LA TO HEAD OF PASSES, LA
 ALSO SOUTHWEST, SOUTH, PASS A LOUTRE, MAIN,
 TIGER AND GRAND PASSES, BAPTISTE COLLETTE
 AND MISSISSIPPI RIVER GULF OUTLET
 IN 119 SHEETS
 U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS,
 CORPS OF ENGINEERS