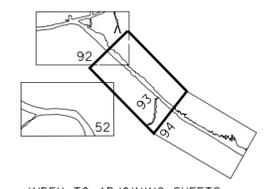
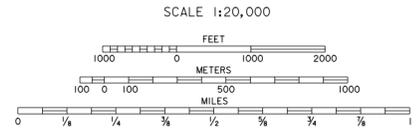


All elevations are expressed in feet and refer to North American Vertical Datum of 1988. Contours below Low Water Reference Plane are expressed in feet at 5 and 10 ft. intervals. Contours above Low Water Reference Plane are expressed in feet at 5 ft. intervals. Planimetry from aerial photographs from 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 at Southwest Pass, Pilot Station NOAA Station 8769223. 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 LOUÏRE, 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