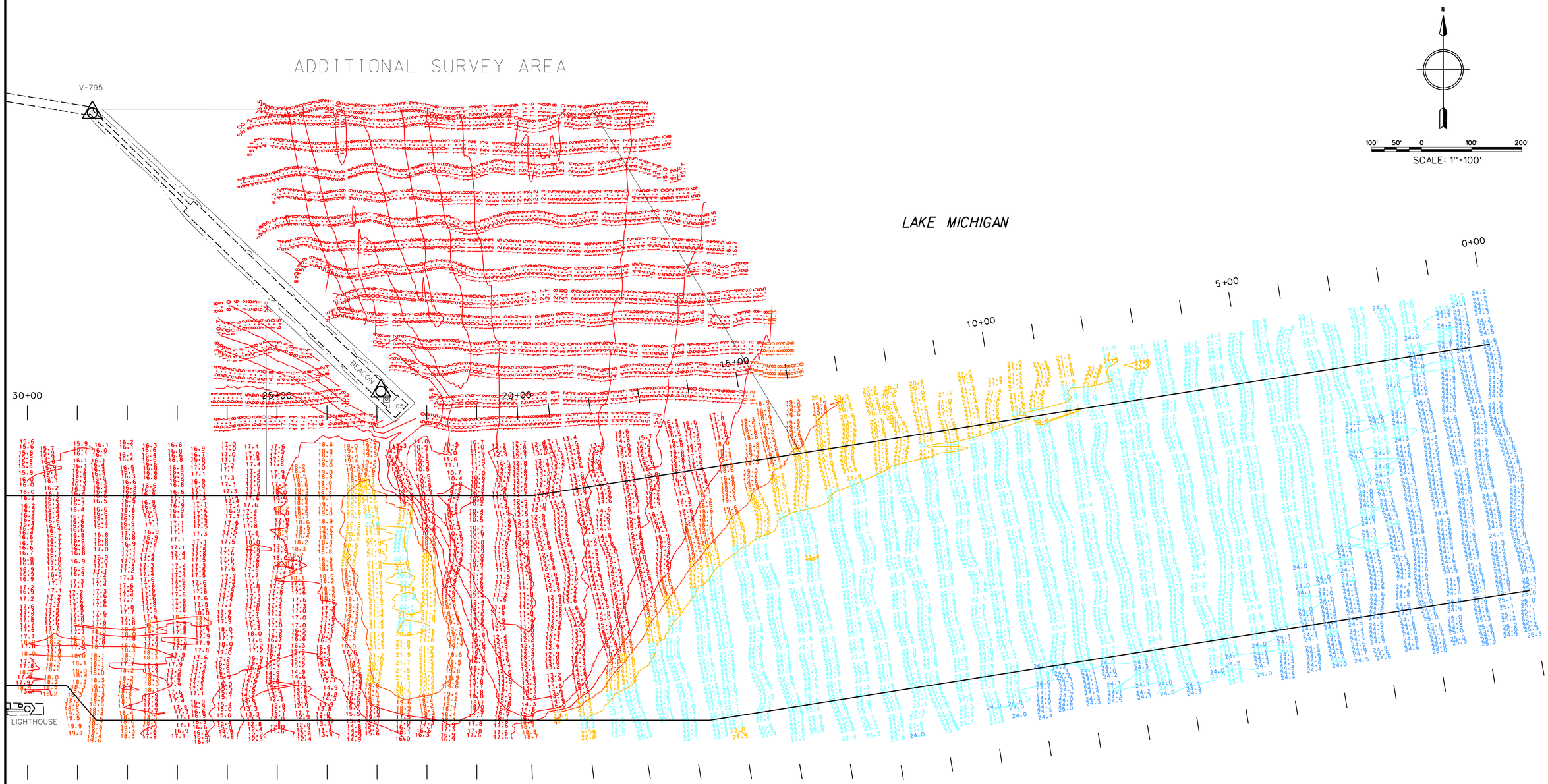

US Army Corps of Engineers
Chicago District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
DETROIT, MICHIGAN

Surveyed by: Kevin Kadsny
Ckd by:
Dwn by: Ray Lee
Reviewed by:
Survey Date: Apr. 2, 2013
Design File name:
Drawing code:
File name:
Plot date:
Plot scale: 1" = 100'
Chief, Doc. Mgmt.
Submitted by:
Chief, CAD Section
Area Eng. Sup Office
Approved by:
District Engineer
Approval Recommended:

CHICAGO DISTRICT
WAUKEGAN HARBOR, ILLINOIS
FEDERAL NAVIGATION CHANNEL

APRIL 2, 2013
CONDITION SURVEY

Sheet reference number:
WKH-01
Sheet 1 of 2

NOTES

1. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON APRIL 2, 2013 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

2. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT WAUKEGAN HARBOR, ILLINOIS. DEPTHS ARE MEASURED USING AN ODOM CV 300 SINGLE BEAM SONAR.

3. HORIZONTAL POSITIONING IS DETERMINED USING THE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS). THE DIFFERENTIAL CORRECTIONS ARE PROVIDED BY U.S. COAST GUARD DIFFERENTIAL BROADCAST STATIONS. SIGNAL STRENGTH IS USED AS THE DETERMINING FACTOR IN DIFFERENTIAL SELECTION. THE DGPS RECEIVER IS A TRIBMLE DSM 232

4. GRID COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, TRANSVERSE MERCATOR PROJECTION, ILLINOIS EAST ZONE (1201), NORTH AMERICAN DATUM 1983 (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.

5. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 22.0' BELOW LOW WATER DATUM.

22' LEGEND

- 0.0'
- 18.0'
- 20.0'
- 22.0'
- 24.0'
- 26.0'
- 50.0'