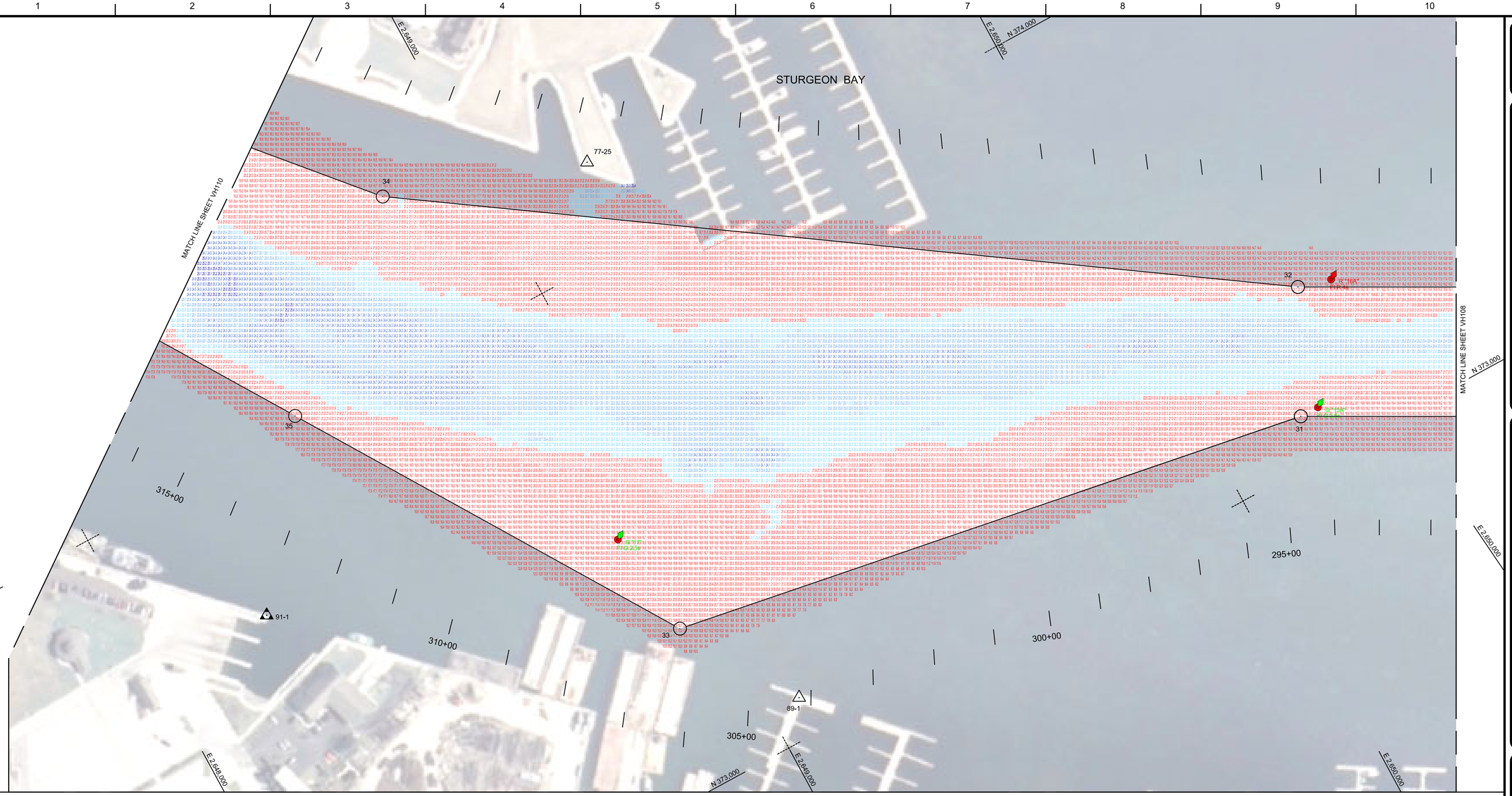


NOTES:

SURVEY CONTROL AND BENCH MARK DATA IS AVAILABLE FROM THE DETROIT DISTRICT, ENGINEERING & TECHNICAL SERVICES, OPERATIONS TECHNICAL SUPPORT BRANCH, LAKE MICHIGAN AREA OFFICE, KEWAUNEE SUB-OFFICE.

THE COORDINATE GRID SYSTEM SHOWN IS REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, SOUTH ZONE 4803, NORTH AMERICAN DATUM 1983 (NAD83), US SURVEY FOOT.

ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM ELEVATION, 577.5 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI, QUEBEC (INTERNATIONAL GREAT LAKES DATUM 1985).

PROJECT DEPTH FOR THIS AREA IS 22.0'.

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.

THE SOUNDINGS INDICATED HERE IN ARE GENERALIZED DEPTHS AND ARE NOT REPRESENTATIVE OF THE FULL DATA SET. THE SOUNDINGS REPRESENT THE MINIMUM DEPTH FOUND WITHIN THE 10'X10' AREA CENTERED ON THE TEXT, DERIVED FROM A 1'X1' AVERAGE DATA SET AT CELL CENTER. THIS MAP SHOULD NOT BE USED FOR CHANNEL CLEARANCE OR VOLUME COMPUTATIONS. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICE TO NAVIGATION INTERESTS.

THE SURVEY SHOWN WAS CONDUCTED BY THE LAKE MICHIGAN AREA OFFICE, KEWAUNEE SUB OFFICE SURVEY PARTY ON 13 MAY 2019, USING A R2SONIC 2026 MULTIBEAM ECHOSOUNDER, AN I2NS TYPE I WITH RTK CORRECTIONS FOR MOTION COMPENSATION AND POSITIONING, HYPACK 2018, AND SURVEY VESSEL LAUNCH 3059.

WATER LEVEL WAS DETERMINED USING RTK CORRECTIONS FROM WISCORS.

22' LEGEND

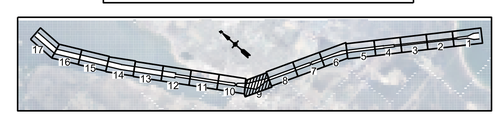
- 0.0'
- 22.0'
- 23.0'
- 24.0'
- 25.0'
- >25.0'

0 100' 200'

COORDINATE TABLE

STA.	DESCRIPTION	NORTHING	EASTING
29	CHANNEL PT.	370893.029	2654218.005
30	DO.	371097.881	2654364.608
31	DO.	373090.700	2650176.570
32	DO.	373313.070	2650290.970
33	DO.	373303.330	2648925.130
34	DO.	374311.890	2648818.770
35	DO.	374020.090	2648467.240
37	DO.	374504.603	2648157.720
39	DO.	374944.735	2647876.549
40	DO.	375085.304	2648143.379
41	DO.	375039.655	2647893.294
42	DO.	375111.346	2647995.674
E	CENTERLINE PT.	370941.789	2654389.999
F	DO.	373205.390	2650228.600
G	DO.	373623.950	2649142.660
H	DO.	374166.420	2648643.530
I	DO.	374486.540	2648403.690
J	DO.	375126.691	2647908.639

LOCATION MAP



US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

SURVEYED BY: K. KWASNY
DRAWN BY: K. KWASNY
REVIEWED BY:
APPROVED BY:
SIZE: ANSI D
FILE NAME: stbvhnp19c.dgn
ISSUE DATE: 3-JUN-19
SOLICITATION NO.:
CONTRACT NO.:
DRAWING NUMBER: 38-C6/403

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT
477 MICHIGAN AVE
DETROIT, MI 48226

APPLETON AREA OFFICE
2619 E CAPITOL DRIVE
APPLETON, WI 54911

STURGEON BAY HARBOR
WISCONSIN

CONDITION OF CHANNEL
MAY 2019

SHEET ID
VH109