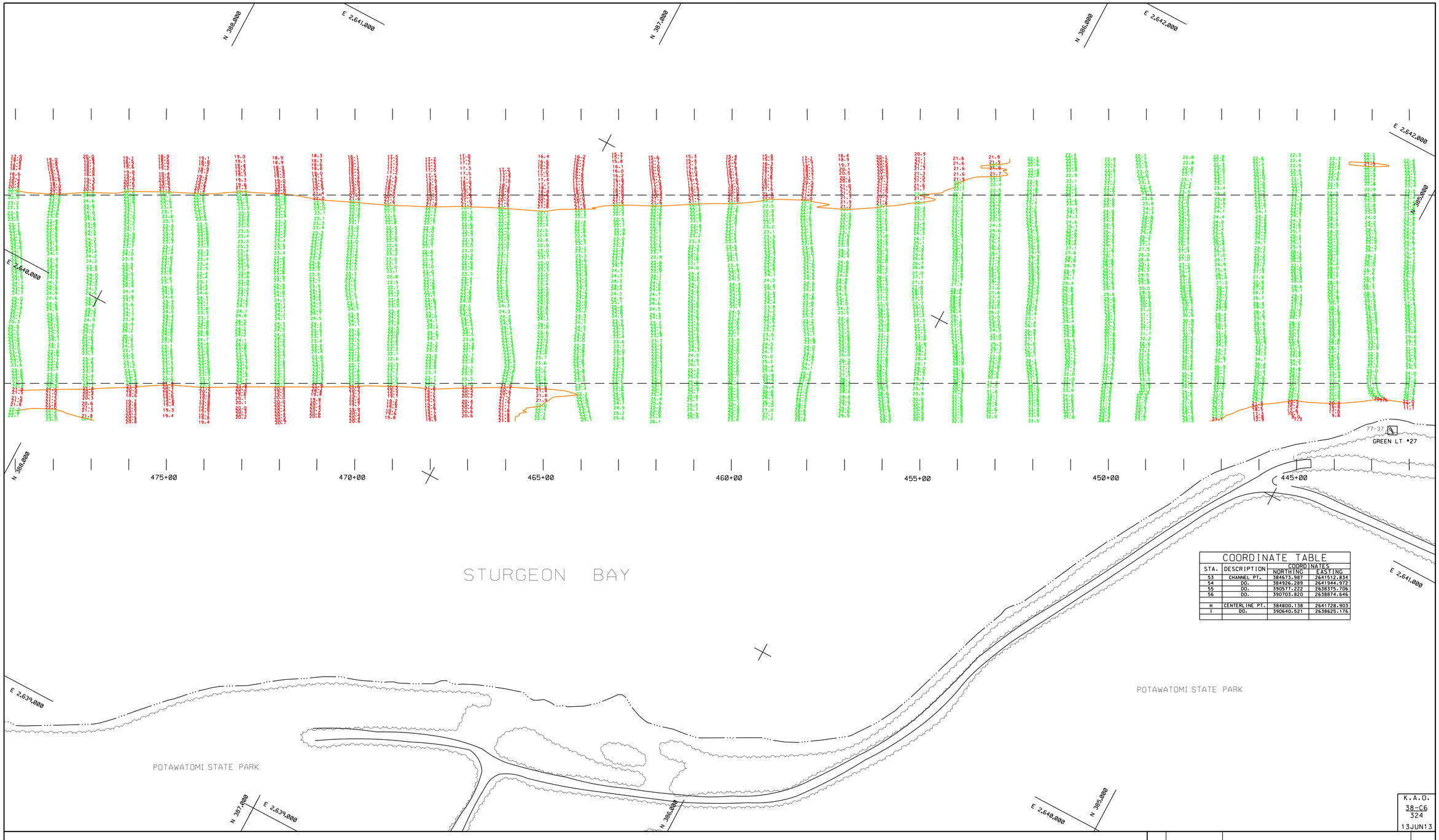
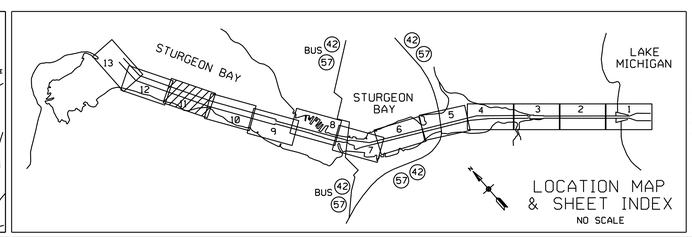


COORDINATE TABLE			
STA.	DESCRIPTION	COORDINATES NORTHING	COORDINATES EASTING
53	CHANNEL PT.	384673.987	2641512.834
54	DO.	384926.289	2641944.972
55	DO.	390577.222	2638375.706
56	DO.	390703.820	2638874.646
H	CENTERLINE PT.	384800.138	2641728.903
I	DO.	390640.521	2638625.176

K.A.O.
38-C6
324
13JUN13



LEGEND:

— — PROJECT LIMITS
△ GPS CONTROL MONUMENT
△ BRONZE DISK SET IN CONCRETE

THE SURVEY SHOWN WAS CONDUCTED BY THE LAKE MICHIGAN AREA OFFICE, KEWAUNEE SUB OFFICE SURVEY PARTY ON 12 JUNE 2013, USING A TRIMBLE DSM 232 GPS, AN ODOM CV300 SOUNDER, AN INNERSPACE 3° 208KHZ TRANSDUCER, AND A HYPACK HYDROGRAPHIC SURVEY SYSTEM.

NOTES:

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.

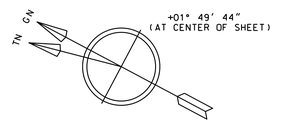
GRID SYSTEM IS ON LAMBERT PROJECTION, WISCONSIN STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983, US SURVEY FOOT.

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

PROJECT DEPTH FOR THIS AREA IS 22.0'.

NOAA GAUGE LOCATED AT STURGEON BAY, WI WAS USED TO DETERMINE THE WATER LEVEL.

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.



COMBINED GRID SCALE FACTOR = 0.99994073

100 0 100 200 300
1" = 100'

NO.	DATE	REVISION	BY

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

DRAWN BY K.J.K.
REVIEWED BY R.D.M.
CHECKED BY R.L.S.
REVIEWED: CHIEF, LAKE MICHIGAN AREA OFFICE
SUBMITTED: CHIEF, PROJ. OPNS. SECTION

STURGEON BAY & LAKE MICHIGAN SHIP CANAL, WISCONSIN

CONDITION OF CHANNEL - JUN 2013

LAKE MICHIGAN AREA OFFICE

APPROVAL RECOMMENDED: CHIEF, DTS BRANCH DATE

APPROVED P.E. CHIEF, ENGINEERING & TECHNICAL SERVICES

SCALE 1" = 100'

DRAWING NUMBER

SHEET 11 OF 13 sb111306c