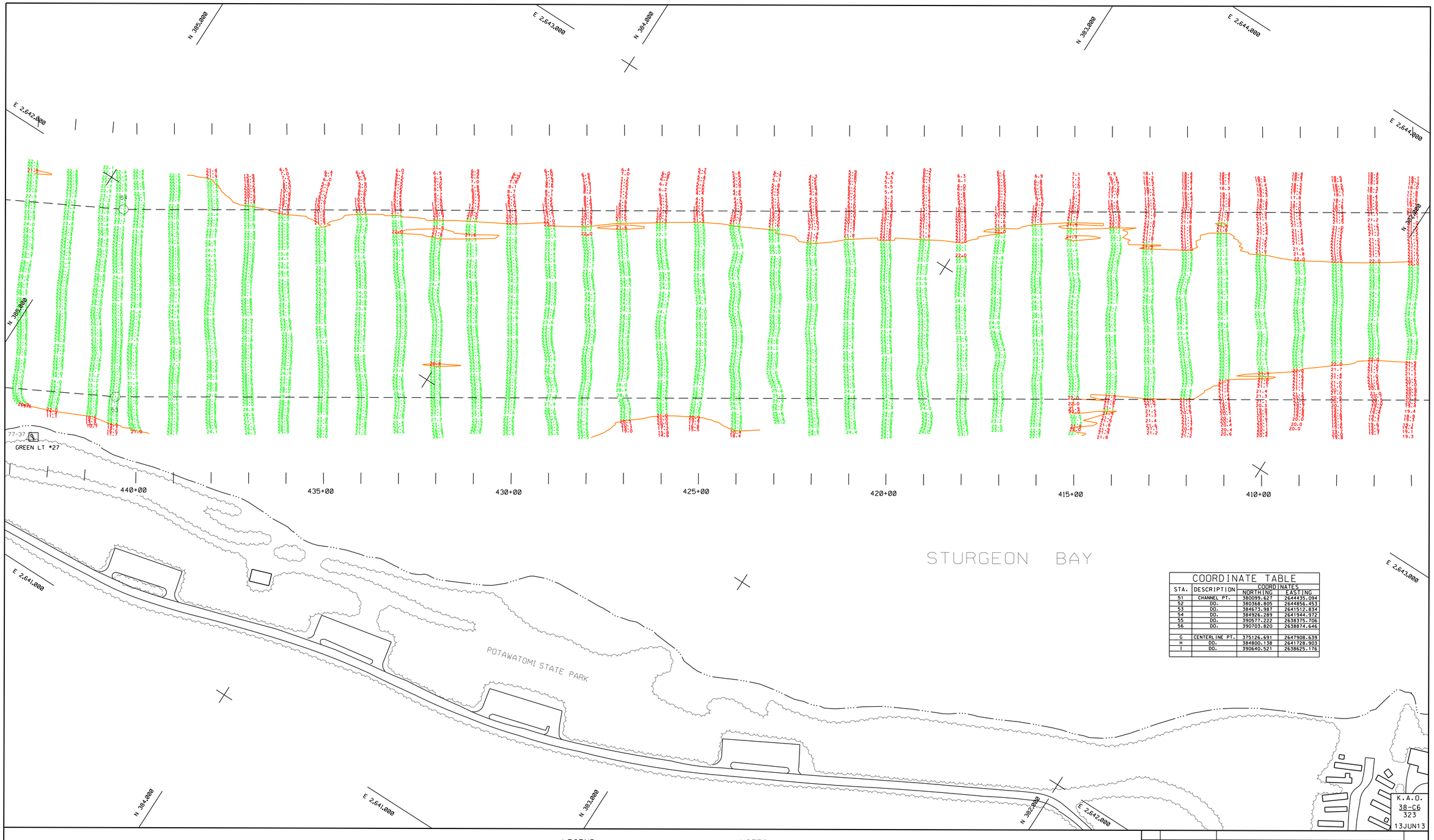
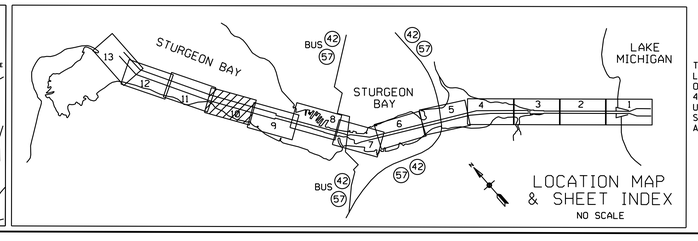


COORDINATE TABLE

STA.	DESCRIPTION	COORDINATES NORTHING	COORDINATES EASTING
51	CHANNEL PT.	380099.627	2644435.094
52	DO.	380368.805	2644856.453
53	DO.	384673.987	2641512.834
54	DO.	384926.289	2641944.972
55	DO.	390577.222	2638375.706
56	DO.	390703.820	2638874.646
G	CENTERLINE PT.	375126.691	2647908.639
H	DO.	384800.138	2641728.903
I	DO.	390640.521	2638625.176

K.A.O.
38-C6
323
13JUN13



LEGEND:

- — — PROJECT LIMITS
- △ GPS CONTROL MONUMENT
- △ BRONZE DISK SET IN CONCRETE
- ⊙ PROJECT LIMIT POINT

THE SURVEY SHOWN WAS CONDUCTED BY THE LAKE MICHIGAN AREA OFFICE. KEWAUNEE SUB OFFICE SURVEY PARTY ON 11 JUNE 2013 (406+00-434+00) AND 12 JUNE 2013 (435+00-443+00), 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.

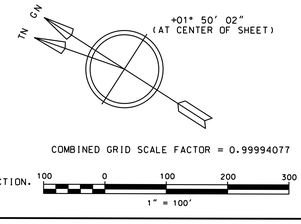
GRID SYSTEM IS ON LAMBERT PROJECTION, WISCONSIN STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983, US SURVEY FOOT.

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.



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
APPROVAL RECOMMENDED: CHIEF, OTS BRANCH DATE
APPROVED P.E. CHIEF, ENGINEERING & TECHNICAL SERVICES

STURGEON BAY & LAKE MICHIGAN SHIP CANAL, WISCONSIN

CONDITION OF CHANNEL - JUN 2013

LAKE MICHIGAN AREA OFFICE

SCALE 1" = 100'
DRAWING NUMBER
SHEET 10 OF 13 sb101306c