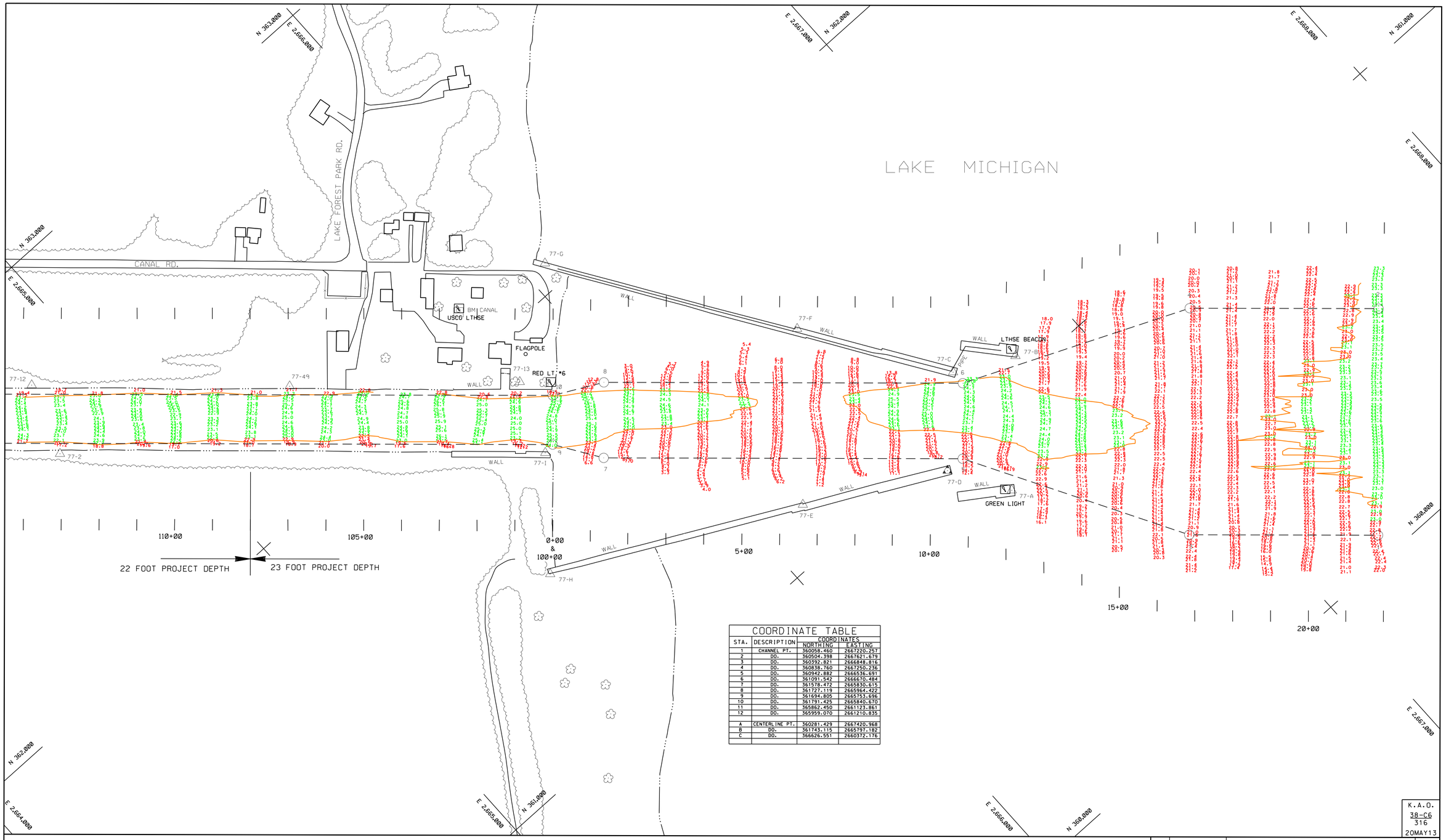
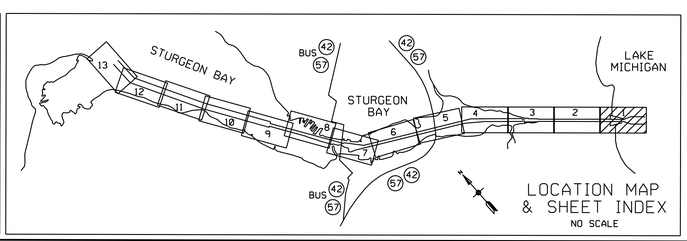


COORDINATE TABLE

STA.	DESCRIPTION	COORDINATES NORTHING	COORDINATES EASTING
1	CHANNEL PT.	360058.460	2667220.257
2	DO.	360504.398	2667621.679
3	DO.	360392.821	2666848.816
4	DO.	360838.760	2667250.236
5	DO.	360942.882	2666536.691
6	DO.	361091.542	2666670.484
7	DO.	361578.472	2665830.615
8	DO.	361727.119	2665964.422
9	DO.	361694.805	2665753.696
10	DO.	361791.425	2665840.670
11	DO.	365862.450	2661123.861
12	DO.	365959.070	2661210.835
A	CENTERLINE PT.	360281.429	2667420.968
B	DO.	361743.115	2665797.182
C	DO.	366626.551	2660372.176

K.A.O.
38-C6
316
20MAY13



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 13 MAY 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.

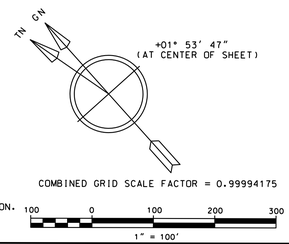
GRID SYSTEM IS ON LAMBERT PROJECTION. WISCONSIN STATE PLANE COORDINATE SYSTEM. CENTRAL ZONE. NORTH AMERICAN DATUM 1983. US SURVEY FOOT.

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 DEPTHS FOR THIS AREA ARE 22.0′ & 23.0′.

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

STURGEON BAY & LAKE MICHIGAN SHIP CANAL, WISCONSIN

CONDITION OF CHANNEL - MAY 2013

LAKE MICHIGAN AREA OFFICE

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

SCALE 1″ = 100′
DRAWING NUMBER
SHEET 1 OF 13 sb011305c