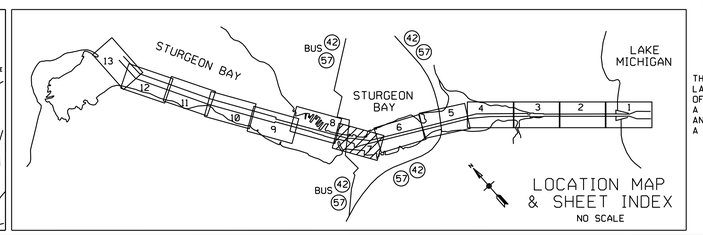
COORDINATE TABLE

STA.	DESCRIPTION	COORDINATES NORTHING	COORDINATES 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
43	DO.	375142.037	2647821.603
44	DO.	375213.728	2647923.983
45	DO.	375156.151	2647741.488
46	DO.	375330.381	2647944.549
48	DO.	375783.826	2647637.168
49	DO.	380166.921	2644540.433
50	DO.	380301.511	2644751.113
E	CENTERLINE PT.	370941.789	2654389.999
E1	DO.	373205.390	2650228.600
E2	DO.	373623.950	2649142.660
E3	DO.	374166.420	2648643.530
F	DO.	374486.540	2648403.690
G	DO.	375126.691	2647908.639
H	DO.	384800.138	2641728.903



LOCATION MAP & SHEET INDEX
NO SCALE

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 29 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.

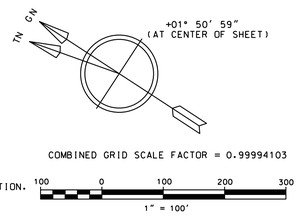
GRID SYSTEM IS ON LAMBERT PROJECTION. WISCONSIN STATE PLANE COORDINATE SYSTEM. CENTRAL ZONE. NORTH AMERICAN DATUM 1983. US SURVEY FOOT.

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 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
APPROVED _____ P.E. CHIEF, ENGINEERING & TECHNICAL SERVICES

STURGEON BAY & LAKE MICHIGAN SHIP CANAL, WISCONSIN

CONDITION OF CHANNEL - MAY 2013

LAKE MICHIGAN AREA OFFICE

APPROVAL RECOMMENDED: _____ CHIEF, DTS BRANCH DATE _____

SCALE 1" = 100'

DRAWING NUMBER

SHEET 7 OF 13 sb071305c