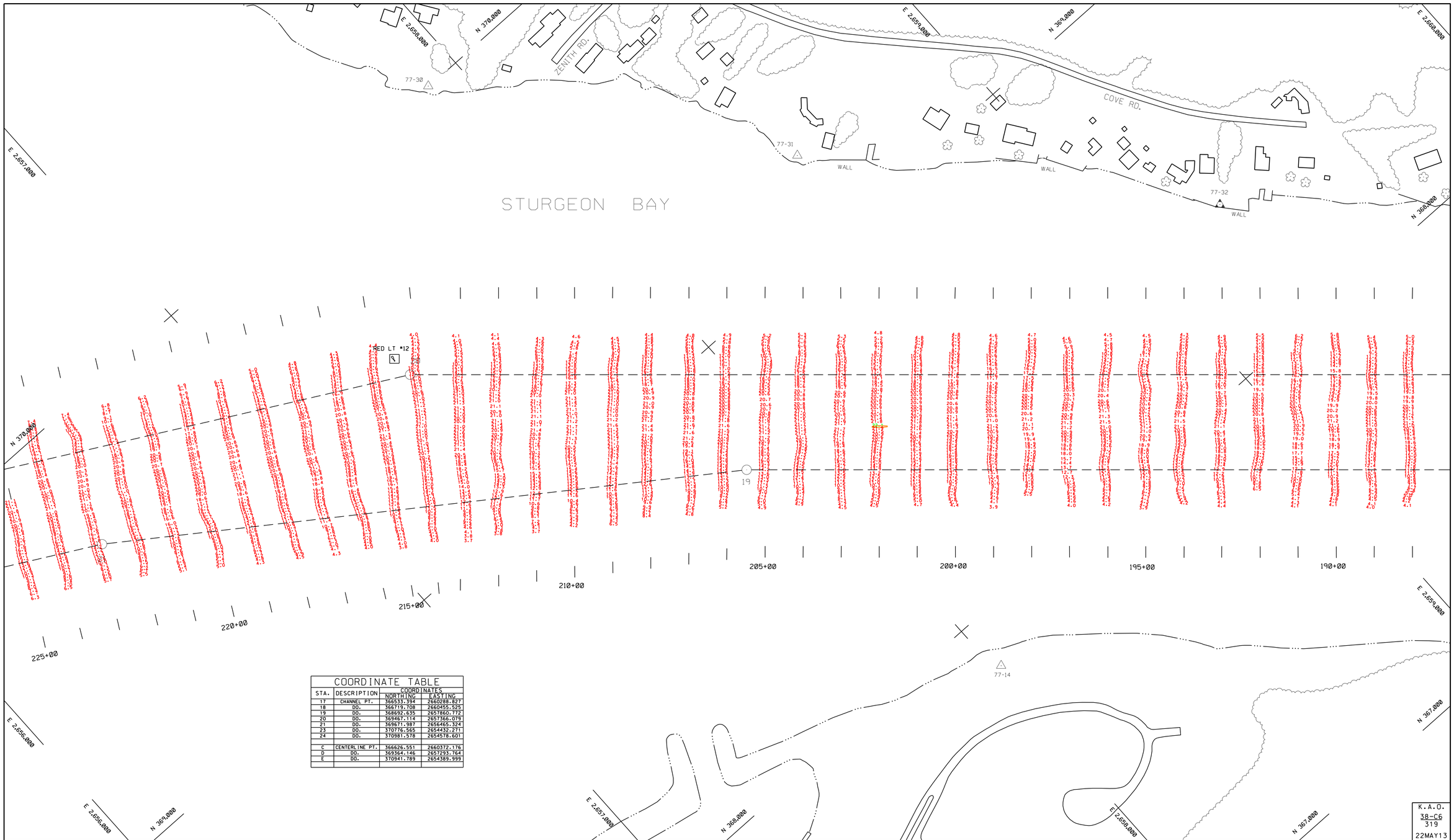
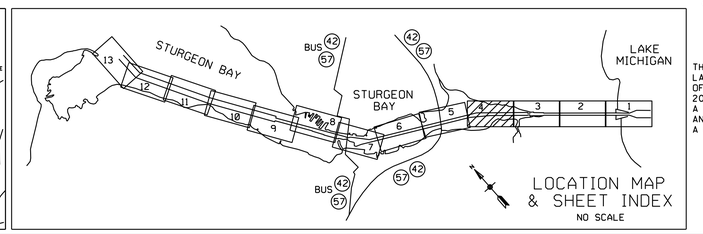


COORDINATE TABLE			
STA.	DESCRIPTION	COORDINATES NORTHING	COORDINATES EASTING
17	CHANNEL PT.	366533.394	2660288.827
18	DO.	366719.708	2660455.525
19	DO.	368692.635	2657860.772
20	DO.	369467.114	2657366.079
21	DO.	369671.987	2656465.324
23	DO.	370776.565	2654432.271
24	DO.	370981.578	2654578.601
C	CENTERLINE PT.	366626.551	2660372.176
D	DO.	369364.146	2657293.764
E	DO.	370941.789	2654389.999

K.A.O.
38-C6
319
22MAY13



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 (188+00-200+00) AND 06 MAY 2013 (201+00-225+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.

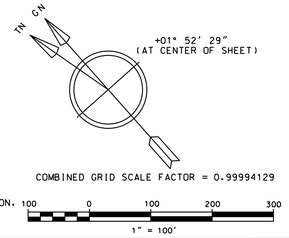
GRID SYSTEM IS ON LAMBERT PROJECTION, WISCONSIN STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983, US SURVEY FOOT.

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
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 4 OF 13 sb041305c