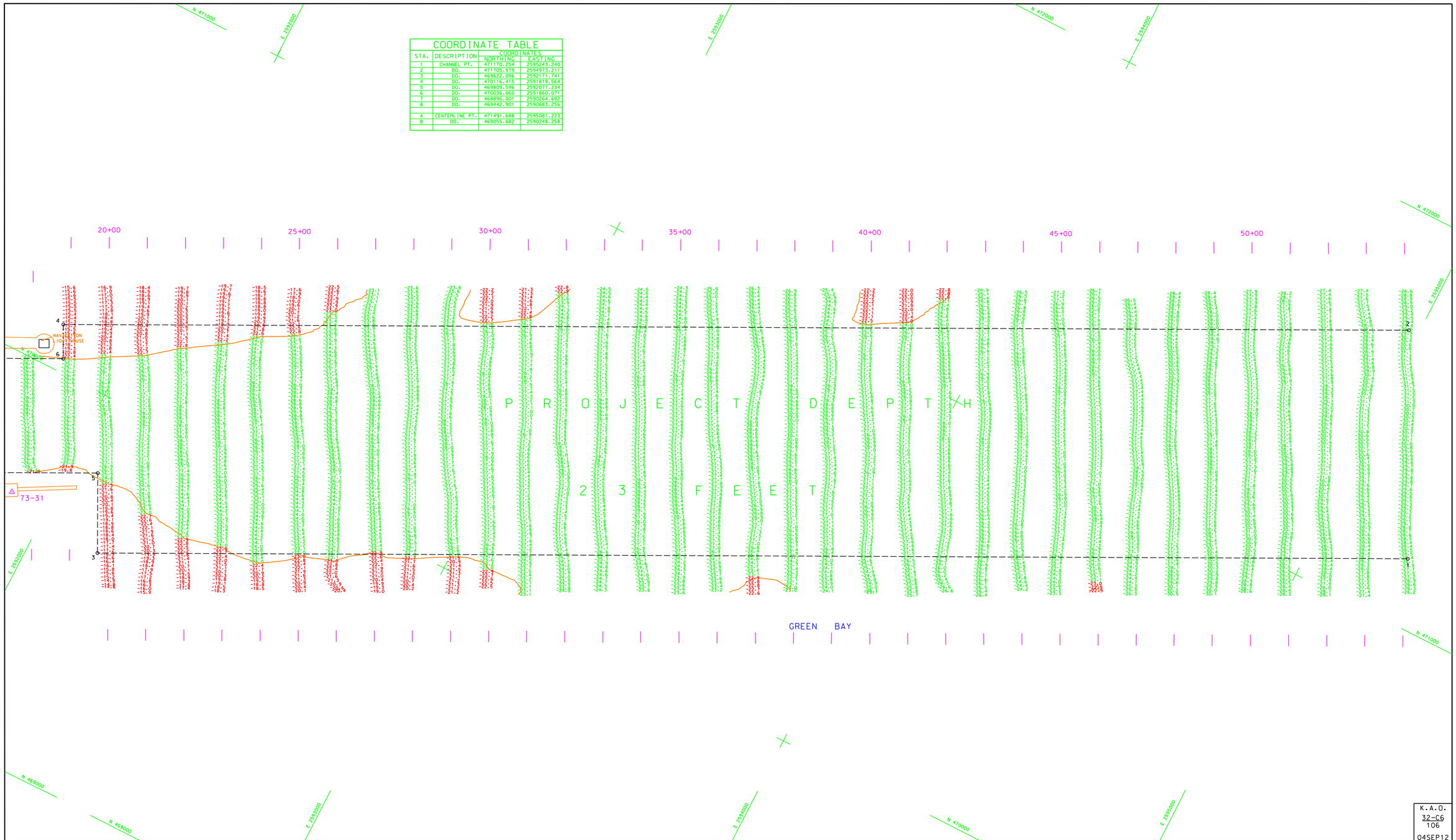
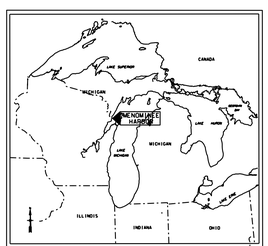
COORDINATE TABLE			
STA.	DESCRIPTION	COORDINATES NORTHING	EASTING
1	CHANNEL PT.	471170.254	2595243.240
2	DO.	471705.979	2594973.211
3	DO.	469622.096	2592171.741
4	DO.	470116.415	2591819.564
5	DO.	469809.596	2592077.234
6	DO.	470039.060	2591860.071
7	DO.	468896.001	2590264.692
8	DO.	469442.901	2590683.256
A	CENTERLINE PT.	471491.688	2595081.223
B	DO.	469055.682	2590248.258

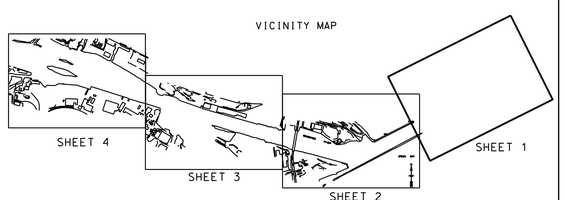




LOCATION MAP

US Army Corps of Engineers Detroit District

LOWER MILE OF MAP



LEGEND:

PROJECT LIMITS ----------
PROJECT DEPTH 23.0 FEET
DREDGED TO 23.0 FEET

△ 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 23 AUGUST 2012, USING GPS POSITIONING, AN ODOM CV300 SOUNDER AND A HYPACK HYDROGRAPHIC SURVEY SYSTEM.

NOTES:

SURVEY CONTROL AND BENCH MARK DATA IS AVAILABLE FROM THE DETROIT DISTRICT, ENGINEERING & TECHNICAL SERVICES, OPERATIONS TECHNICAL SUPPORT BRANCH, LAKE MICHIGAN AREA OFFICE, KEWAUNEE SUB-OFFICE.

THE COORDINATE GRID SYSTEM SHOWN IS REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, CENTRAL ZONE (4802), NORTH AMERICAN DATUM 1983 (NAD83), US FOOT.

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

PROJECT DEPTH FOR THIS AREA IS 23.0 FEET.

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.

N

SCALE IN FEET
100 0 100 200 300

K.A.O.
32-C6
106
04SEP12

NO.	DATE	REVISION	BY

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

DRAWN BY: K.J.K.
DESIGNED BY: R.D.M.
CHECKED BY: A.R.M.
REVIEWED BY: CHIEF, LAKE MICHIGAN AREA OFFICE
SUBMITTED BY: CHIEF, PROJ. OPNS. SECTION
APPROVED: CHIEF, ENGINEERING & TECHNICAL SERVICES

MENOMINEE HARBOR & RIVER, MICHIGAN & WISCONSIN

CONDITION OF CHANNEL - AUG 2012

LAKE MICHIGAN AREA OFFICE

APPROVAL RECOMMENDED: CHIEF, OTS BRANCH — DATE

P.E.

SCALE AS SHOWN

DRAWING NUMBER

SHEET 1 OF 4