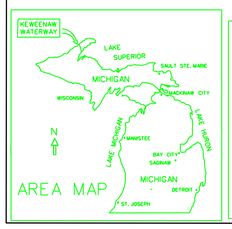
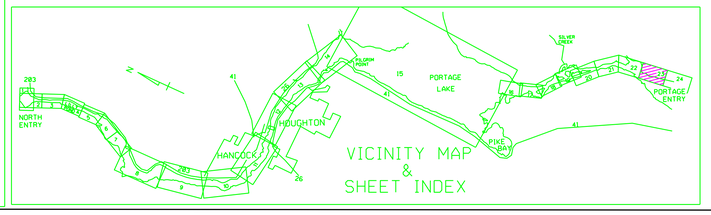
COORDINATE TABLE

STATION	DESCRIPTION	COORDINATES NORTHING	COORDINATES EASTING
JACOBSVILLE	BRASS DISC	802000.552	25889120.797
ISLE	ALUM CAP	804187.622	25888288.676
GRN LT *5	NAVIG AID	804973.221	25888311.790
MON. 28	BRASS DISC	802932.16	25888986.89
PT. B5	E. CHANNEL LINE	805356.2	25889009.1
PT. B7	E. CHANNEL LINE	804991.2	25888654.2
PT. B9	E. CHANNEL LINE	802953.8	25887969.0
PT. B1	E. CHANNEL LINE	801062.2	25889151.5
PT. U	CENTERLINE	807786.9	25889545.1
PT. V	CENTERLINE	804998.2	25888504.2
PT. W	CENTERLINE	802035.9	25888881.6
PT. X	CENTERLINE	801044.0	25887008.6
PT. B2	W. CHANNEL LINE	805336.4	25888209.3
PT. B4	W. CHANNEL LINE	805005.1	25888354.1
PT. B6	W. CHANNEL LINE	802017.2	25888733.8
PT. B8	W. CHANNEL LINE	801014.1	25888773.0

GRID SCALE FACTOR = .99995180
GRID DIST. DIVIDED BY GRID SCALE FACTOR = GROUND DIST.

100 0 100 200 300
1" = 100'





NOTES

1) 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 PRESENT AT THAT TIME.

2) ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM ELEVATION 601.1 ABOVE MEAN SEA LEVEL, I.G.L.D. 1985.

3) PROJECT DEPTHS FOR THIS AREA ARE 25 & 26 FT.

4) THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, NORTH ZONE (2111), NORTH AMERICAN DATUM 1983 (NAD 83), US FOOT.

5) THE LOCATION OF NAVIGATION BUOYS REPRESENTS THE GENERAL LOCATION ON THE DATE OF THE SURVEY AND CANNOT BE CONSIDERED FOR NAVIGATION.

6) THE SURVEY SHOWN WAS CONDUCTED BY D.C. GOLTZ, PARTY CHIEF DURING 14 AUG. 2012, USING D.G.P.S. POSITIONING, AN ODOM CV300 SOUNDER, AND A HYPACK AUTOMATED HYDROGRAPHIC SURVEY SYSTEM.

legend

- horizontal control point g.p.s.
- horizontal control point
- dredging limit turning point
- channel line turning point
- CENTER LINE 00+00
- channel line
- dredging limit
- shoreline
- project depth contour
- 15+00 CENTER LINE STATIONS

NO.	DATE	REVISION	BY

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

KEWEENAW - WATERWAY
MICHIGAN

CONDITION SURVEY - AUGUST 2012

DULUTH AREA OFFICE — DULUTH, MN.

DESIGNED BY:*
DRAWN BY:*
CHECKED BY:*
REVIEWED BY:*
SUBMITTED BY:*
CHIEF, PROJ. OPNS. SEC.
APPROVAL RECOMMENDED:*
CHIEF, OTS BRANCH
DATE
APPROVED:*
CHIEF, CONST. - OPNS. DIVN.
(* AS REQUIRED BY ENGINEERING CIRCULAR 1110-1-76)

SCALE AS SHOWN 1" = 100'
CADD FILE NAME MI_KWW_23C_2012.dgn
DRAWING NUMBER
SHEET 1 OF 1

DATE OF PHOTOGRAPHY
20 AUGUST 1991 12:29 P.M.

THIS PLAN ACCOMPANIES CONTRACT NO.
MODIFICATION NO.

INVITATION NO. DACW.

KW 7570/23-11