US Army Corps of Engineers

Detroit District
Operations Office
P.O. Box 1027
Detroit, MI 48231-1027
(313) 226-6797
FAX - (313) 226-3519

Notice to Navigation Interests

Notice No. L07-41 Date: 27 JULY 2007

Waterway: LAKE SUPERIOR Location: MICHIGAN

CELRE-OT-T

CONDITION OF FEDERAL NAVIGATION CHANNEL
MARQUETTE HARBOR

1. Surveys performed during July 2007 indicate shoaling in the Federal navigation channel at Marquette Harbor, Michigan. As shown on reverse. The surveys are available on our web site. Our internet address is: http://www.lre.usace.army.mil/who/operationsofficehomepage/

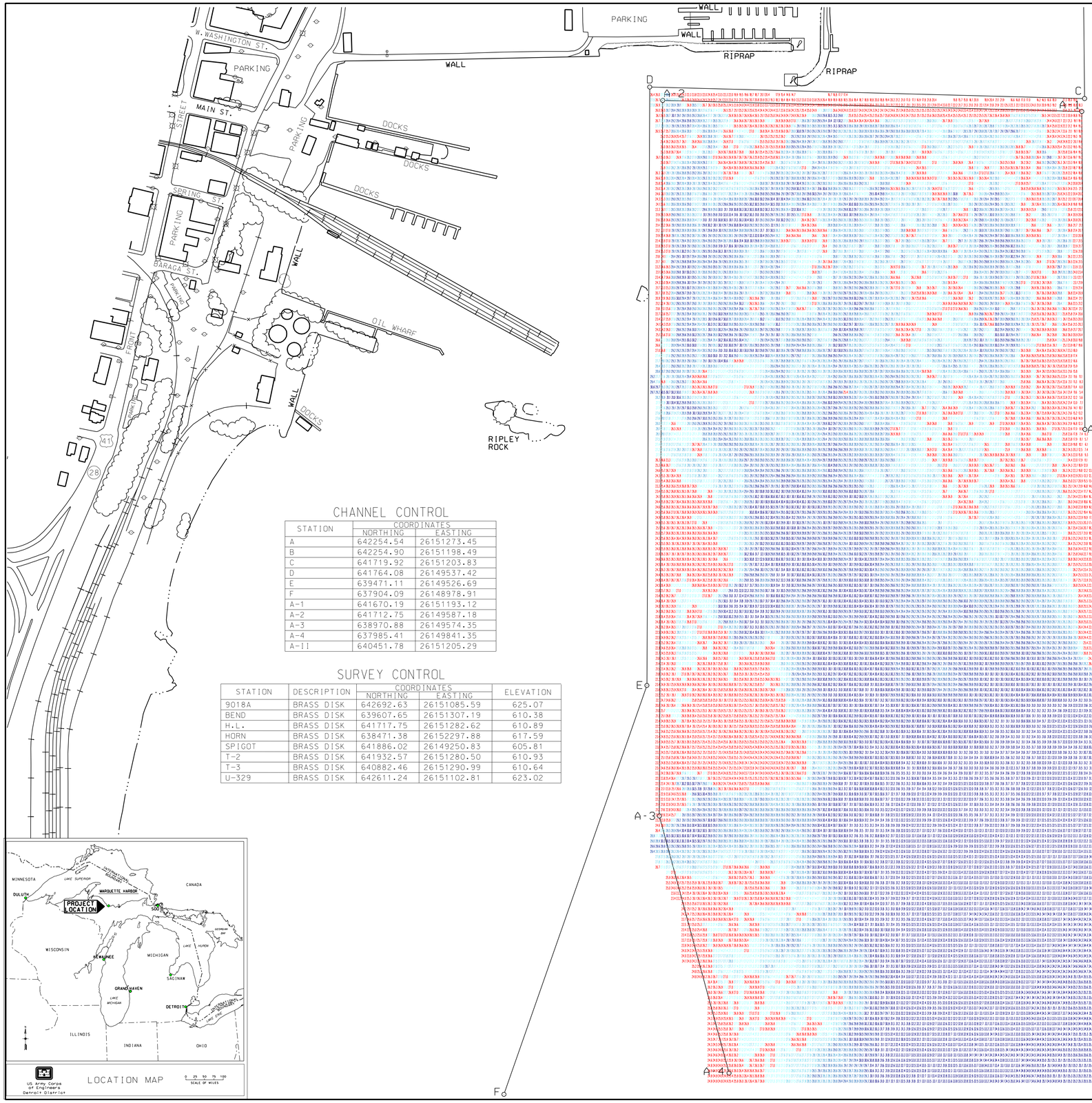
2. Mariners are urged to use extreme caution in the area.

3. Questions regarding this notice may be directed to our Operations Office.

WILLIAM J. LEADY
Lieutenant Colonel, U.S. Army
District Commander

Notice to the Postmaster:

It is requested that the above notice be conspicuously and continuously posted until November 30, 2007.



CHANNEL CONTROL

STATION	COORDINATES NORTHING	COORDINATES EASTING
A	642254.54	26151273.45
B	642254.90	26151198.49
C	641719.92	26151203.83
D	641764.08	26149537.42
E	639471.11	26149526.69
F	637904.09	26148978.91
A-1	641670.19	26151193.12
A-2	641712.75	26149587.18
A-3	638970.88	26149574.35
A-4	637985.41	26149841.35
A-11	640451.78	26151205.29

SURVEY CONTROL

STATION	DESCRIPTION	COORDINATES NORTHING	COORDINATES EASTING	ELEVATION
9018A	BRASS DISK	642692.63	26151085.59	625.07
BEND	BRASS DISK	639607.65	26151307.19	610.38
H.L.	BRASS DISK	641717.75	26151282.62	610.89
HORN	BRASS DISK	638471.38	26152297.88	617.59
SPIGOT	BRASS DISK	641886.02	26149250.83	605.81
T-2	BRASS DISK	641932.57	26151280.50	610.93
T-3	BRASS DISK	640882.46	26151290.99	610.64
U-329	BRASS DISK	642611.24	26151102.81	623.02

US Army Corps of Engineers Detroit District

LOCATION MAP

0 25 50 75 100
SCALE OF MILES

NOTES

1. THIS SURVEY INFORMATION IS ACCURATE AS OF JULY 11, 2007. HYDROGRAPHIC SURVEY DATA IS SUBJECT TO CHANGE RAPIDLY DUE TO SEVERAL FACTORS INCLUDING, BUT NOT LIMITED, TO DREDGING ACTIVITY, NATURAL SHOALING, AND SCOURING PROCESSES. THE U.S. ARMY CORPS OF ENGINEERS ACCEPTS NO RESPONSIBILITY FOR CHANGES IN THE HYDROGRAPHICAL CONDITIONS WHICH DEVELOP AFTER THE DATE OF PUBLICATION.

2. THIS INFORMATION IS INTENDED FOR THE INTERNAL USE OF THE U.S. ARMY CORPS OF ENGINEERS AND IS BEING PROVIDED FOR EXTERNAL USE AS A PUBLIC SERVICE. THIS AGENCY ACCEPTS NO RESPONSIBILITY FOR ERRORS OR OMISSIONS CONTAINED IN THIS DATA. THE ACCURACY OF THIS DATA IS THEREFORE NOT GUARANTEED, AND PRUDENT MARINERS SHOULD NOT RELY SOLELY UPON IT.

3. THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 20 FOOT BY 20 FOOT AREA CENTERED AROUND THE TEXT.

4. THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.

5. GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111). NORTH AMERICAN DATUM 1983 (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.

6. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM ZERO IS 601.1 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI, QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT MARQUETTE MI. DEPTHS ARE MEASURED USING A RESON SEABAT 8125 MULTIBEAM SONAR.

7. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 27.0' BELOW LOW WATER DATUM.

LEGEND

0.0'
27.0'
27.5'
28.0'
28.5'
29.0'
29.5'
30.0'
50.0'

200' 100' 0 200' 400

SCALE: 1"=200'

DATE OF AERIAL PHOTOGRAPHY: SEPTEMBER 1995

US Army Corps of Engineers Detroit District

Check	Description	Date	Appr.

Check	Description	Date	Appr.

Check	Description	Date	Appr.

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

Survey Date: July 11, 2007
Rev.
Surveyed by: J. Wrobek
Design File name: Dwg. Design Drawing code:
Dwn by:
Cxd by:
Rev. Field by:
Chief, Operations Div.
Supervised by:
Chief, SMR Section
Approval Recommended:
Trans Eng. Sec. Office Chief
Approved by:
District Engineer
File name:
Plot date: 1-26-07
Plot scale: 1" = 200'

MARQUETTE HARBOR AND PORT
MARQUETTE, MICHIGAN
FEDERAL NAVIGATION CHANNEL

JULY 11, 2007
CONDITION SURVEY

Sheet reference number:
MQH-01

Sheet 1 of 1