NOTES

1. THIS SURVEY INFORMATION IS ACCURATE AS OF THE DATE OF PUBLICATION. HYDROGRAPHIC SURVEY DATA IS SUBJECT TO CHANGE RAPIDLY DUE TO SEVERAL FACTORS INCLUDING BUT NOT LIMITED TO DREDGING ACTIVITY AND 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.

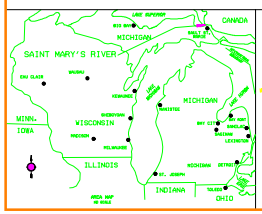
4. THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION AND CANNOT BE CONSIDERED FOR NAVIGATION.

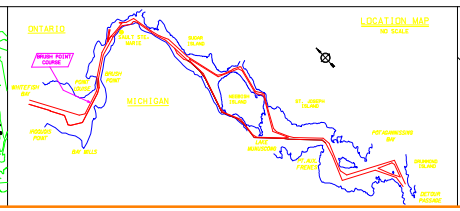
5. GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111). NORTH AMERICAN DATUM 1983 (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET. CROSS SECTIONS AND RANGES ARE REFERRED TO BRUSH POINT COURSE.

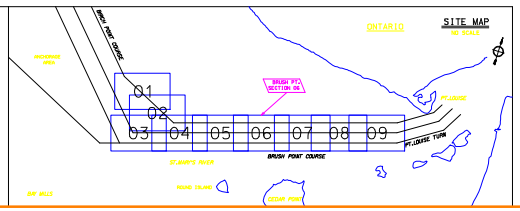
6. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1955 (IGLD 55). LOW WATER DATUM ZERO IS 599.5 FEET ABOVE MEAN WATER LEVEL AT FATHER POINT QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT BAY MILLS POINT, BRIMLEY MI. DEPTHS ARE MEASURED USING 16.5 DEGREE, 214 Khz. TRANSDUCERS.

7. HORIZONTAL POSITIONING IS DETERMINED USING THE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS). ADVERTISED POSITIONAL ACCURACY IS 1-3 METERS RMS.

8. UNLESS OTHERWISE NOTED PROJECT DEPTH IS 30.0' BELOW LOW WATER DATUM.







LEGEND

0.0 - 30.0	FEET
30.0 - 30.5	FEET
30.5 - 31.0	FEET
31.0 - 31.5	FEET
31.5 - 32.0	FEET
32.0 - 42.0	FEET
42.0 - 52.0	FEET
52.0 - 100.0	FEET

FLOW

100' 50' 0 100' 200'

SCALE: 1"=100'

US Army Corps of Engineers
Detroit District

Date	Description	Drawn by	Checked by

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

Surveyed: Roamingnet
Surveyed Date: 2000
Drawn by: J.L. BRUCK
Date: MAY 15, 2000
Checked by: J.E. SU
Reviewed by: J.E. SU
Approved by: J.E. SU
Drawing name: BRP1BRUCK.dgn
Scale: 1"=100'
Grid: NAD83 MICHIGAN
Project Manager: CHRIS JOHNSON
Chief, Data Management: CHRIS JOHNSON
Chief, Hydrographic Surveys: CHRIS JOHNSON
Chief, Navigation Branch: CHRIS JOHNSON
Chief, Operations Division: CHRIS JOHNSON

SAN AREA SERVICE
SAINT MARY'S RIVER
FEDERAL NAVIGATION CHANNEL

BRUSH POINT COURSE
SURVEY SECTION 06
C.S. 90+00 TO C.S. 69+00
MINIMUM DEPTH PLOT

Sheet reference number:
BRP-06
Sheet 06 of 09