AREA MAP

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 600.0 ABOVE MEAN SEA LEVEL. I.G.L.D. 1985.

3) PROJECT DEPTHS FOR THIS AREA ARE 8'&10'

4) THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM. LAMBERT PROJECTION. NORTH ZONE (4801). 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 R. LUNDGREN. PARTY CHIEF DURING 17JUNE 2003. 02 SEPT.2004 USING D.G.P.S. POSITIONING AN INNERSPACE 448 SOUNDER. AND HYPACK AUTOMATED HYDROGRAPHIC SURVEY SYSTEM.

50 0 50 100 150

1" = 50'

COMBINED GRID SCALE FACTOR = 0.99996907
GRID DIST. DIVIDED BY COMBINED GRID SCALE FACTOR = GROUND DIST.

SURVEY CONTROL

STA.	DESCRIPTION	COORDINATES NORTHING	COORDINATES EASTING
GFA 94-3	ALUM. DISC	509193.120	1858466.406
GFA 94-4	ALUM DISC	508789.301	1858493.157
GFA 94-5	ALUM. DISC	508848.955	1857938.542
GFA 94-6	ALUM. DISC	509111.741	1858234.870
GFA	ALUM. DISC	509683.685	1858334.659
SAX 1	BRASS DISC	509219.746	1858566.318
GREEN LT.	NAVIG. AID	509701.776	1858307.909
RED LT.	NAVIG. AID	509.500.558	1858274.780

CHANNEL CONTROL

STA.	COORDINATES NORTHING	COORDINATES EASTING
01	509695.10	1858249.36
03	509553.59	1858424.27
05	509390.80	1858395.77
07	509155.85	1858391.70
09	509102.97	1858410.40
11	508801.32	1858372.45
13	508803.98	1858352.40
15	508895.19	1858250.59
17	508999.69	1857856.23
02	509617.46	1858186.32
04	509503.45	1858317.68
06	509157.20	1858311.71
08	509003.28	1858309.06
10	508954.80	1858220.86
12	509048.32	1857869.02

LEGEND

- △ HORIZONTAL CONTROL POINT
- ○ CHANNEL TURNING POINT
- ◬ GPS CONTROL MONUMENT
- ⊙ NO. HARBOR LINE TURNING POINT
- HARBOR LINE
- CHANNEL LINE
- DREDGING LIMIT
- SHORELINE
- PROJECT DEPTH CONTOUR

NO.	DATE	REVISION	BY
01	Jan. 23. 2003	New Channel Point Numbers	DC Goltz

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

DESIGNED BY:*
DRAWN BY:*
CHECKED BY:*
REVIEWED BY:*
SUBMITTED BY:*
CHIEF, PROJ. OPNS. SEC.

SAXON HARBOR
WISCONSIN
CONDITION SURVEY - SEPTEMBER 2004

DULUTH AREA OFFICE — DULUTH, MN

APPROVAL RECOMMENDED:*
CHIEF, OPERATIONS & MANAGEMENT BR — DATE

APPROVED:*
CHIEF, CONST.-OPNS. DIVISION

(* AS REQUIRED BY ENGINEERING CIRCULAR 1110-1-76)

SCALE AS SHOWN 1" = 50'
CADD FILE NAME SaxonC03.DGN
DRAWING NUMBER
SHEET 1 OF 1

SAX7570/44