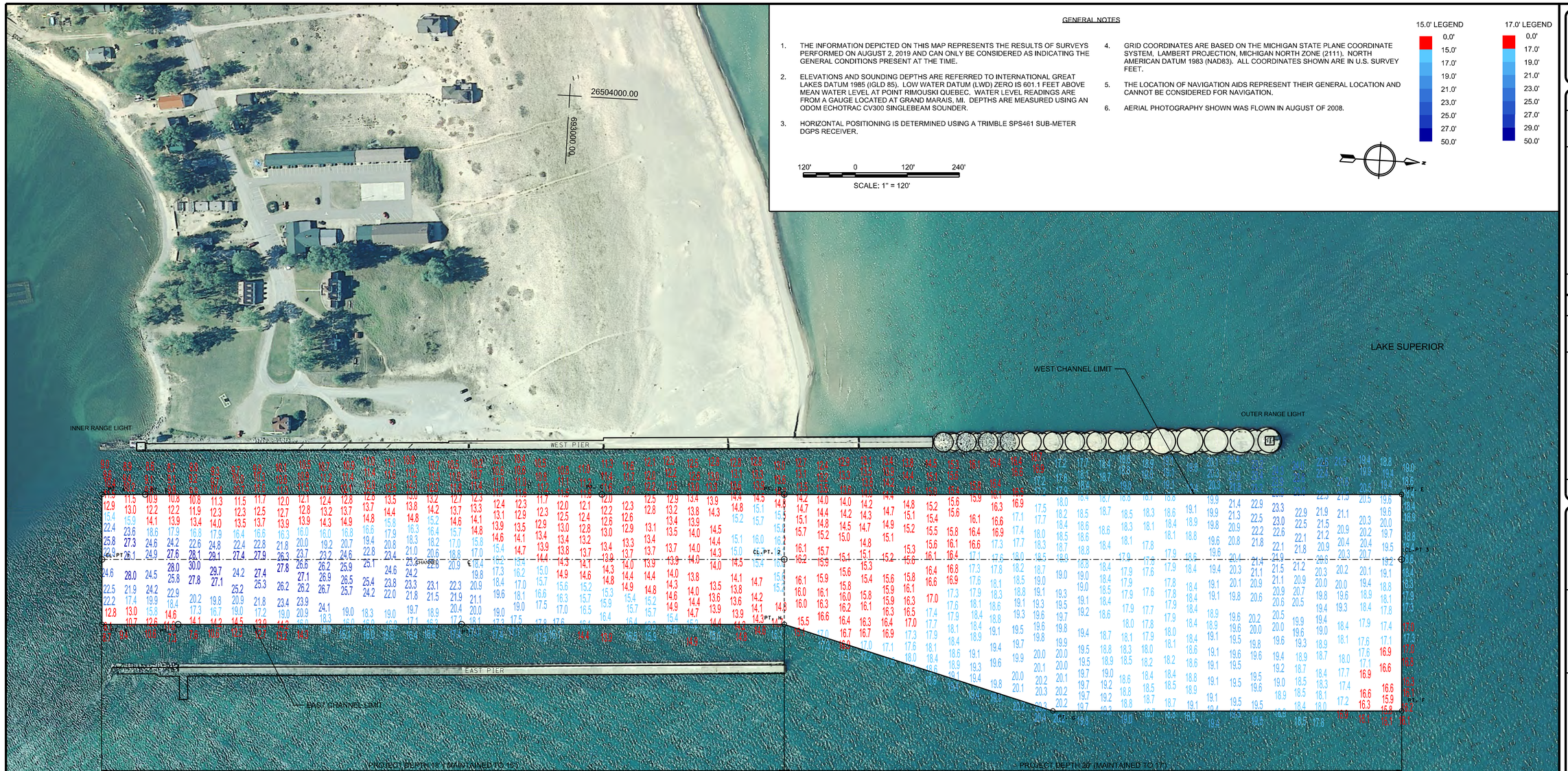

GENERAL NOTES

1. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS PERFORMED ON AUGUST 2, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
2. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 601.1 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. WATER LEVEL READINGS ARE FROM A GAUGE LOCATED AT GRAND MARAIS, MI. DEPTHS ARE MEASURED USING AN ODOM ECHOTRAC CV300 SINGLEBEAM SOUNDER.
3. HORIZONTAL POSITIONING IS DETERMINED USING A TRIMBLE SPS461 SUB-METER DGPS RECEIVER.
4. 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.
5. THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION AND CANNOT BE CONSIDERED FOR NAVIGATION.
6. AERIAL PHOTOGRAPHY SHOWN WAS FLOWN IN AUGUST OF 2008.

120' 0 120' 240'

SCALE: 1" = 120'

15.0' LEGEND
0.0'
15.0'
17.0'
19.0'
21.0'
23.0'
25.0'
27.0'
50.0'

17.0' LEGEND
0.0'
17.0'
19.0'
21.0'
23.0'
25.0'
27.0'
29.0'
50.0'

CHANNEL CONTROL

STATION NUMBER	COORDINATES	
	NORTHING	EASTING
A	691988.52	26504994.65
B	692088.26	26504987.56
C	693139.50	26504912.92
D	693559.39	26504883.11
E	694980.77	26504782.19
F	695016.18	26505280.89
G	694213.20	26505337.90
H	693580.66	26505182.33
I	692837.71	26505235.08
J	692185.27	26505281.40
K	692009.55	26505293.88
CL. PT. 1	691999.04	26505144.27
CL. PT. 2	693570.03	26505032.72
CL. PT. 3	694991.40	26504931.80

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR
MARK	DESCRIPTION	DATE	APPR

SURVEYED BY: N. Gatti		DATE: 20190806/02	SOLICITATION NO.:
DWN BY: NPG	CKD BY: JTP	SUBMITTED BY: 20190830/07	CONTRACT NO.:
		PLOT SCALE 1"=200'	ISSUE DATE:
		SIZE ANSI D	FILE NAME: GMHV101C191.DGN

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

SOO AREA OFFICE
ST MARYS RIVER SECTION
119 EAST WATER STREET
SAULT STE. MARIE, MI 49783

LAKE SUPERIOR
GRAND MARAIS HARBOR
FEDERAL NAVIGATION CHANNEL

AUGUST 2, 2019

CONDITION SURVEY

SHEET IDENTIFICATION
GMH-01
SHEET 1 OF 1