

**LEGEND**

- ..... Cable Submarine
- - Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

**1 inch = 50 feet**

Feet

0 50 100 150 200 250

**NOTES:**

- 1.THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.
- 2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.
- 3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
- 4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS
- 5.GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111). NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
- 6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

**US Army Corps of Engineers District: CELRE**

The data represents the results of data collection operations for a specific US Army Corps of Engineers activity and indicates the general existing conditions. The data is not intended to be used for any other purpose than the intended purpose of the application of the data for other than its intended purpose. The user is responsible for the results of any of the application of the data for other than its intended purpose.

Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any other purpose than the intended purpose of the application of the data for other than its intended purpose. The data are not to be used for any other purpose than the intended purpose of the application of the data for other than its intended purpose. The data are not to be used for any other purpose than the intended purpose of the application of the data for other than its intended purpose.

**U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT**

Submitted:	Surveyed By:
Recommended:	Plotted By:
Approved:	Checked By:

**Les Cheneaux Islands, MI**

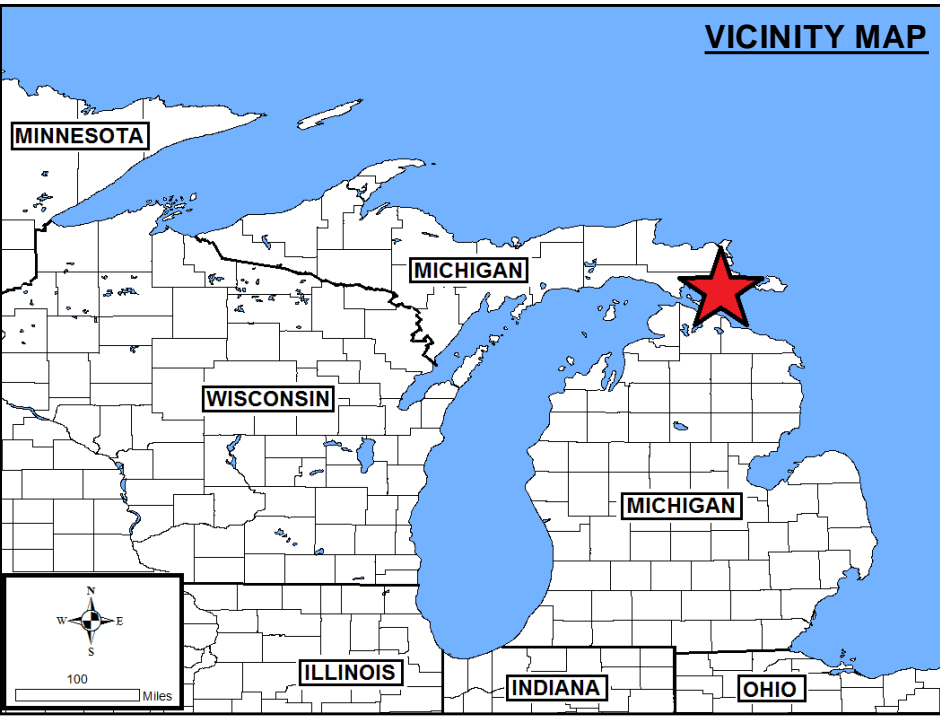
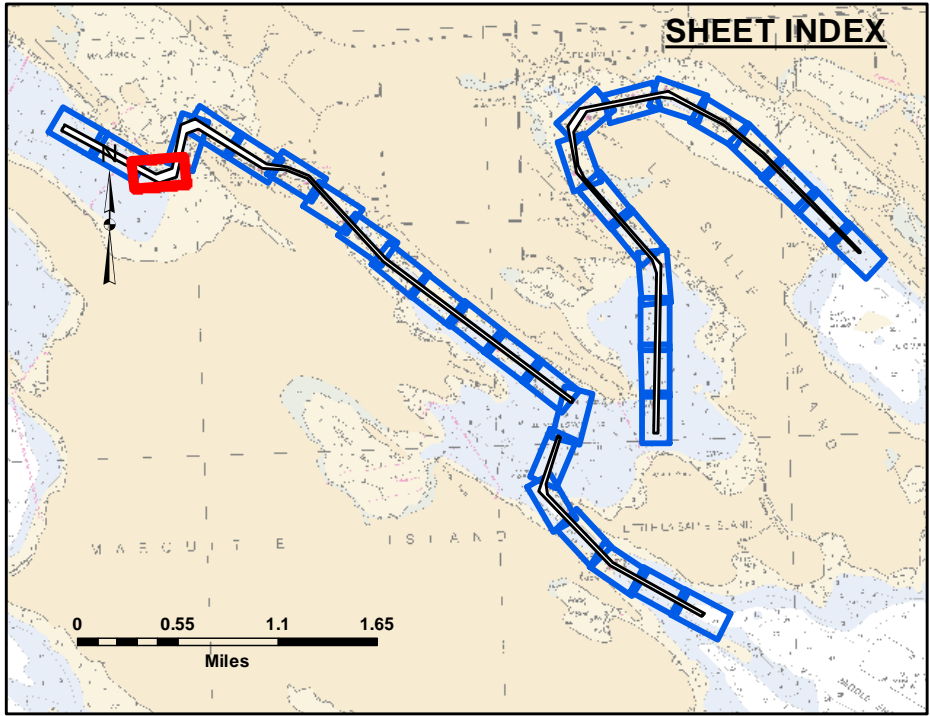
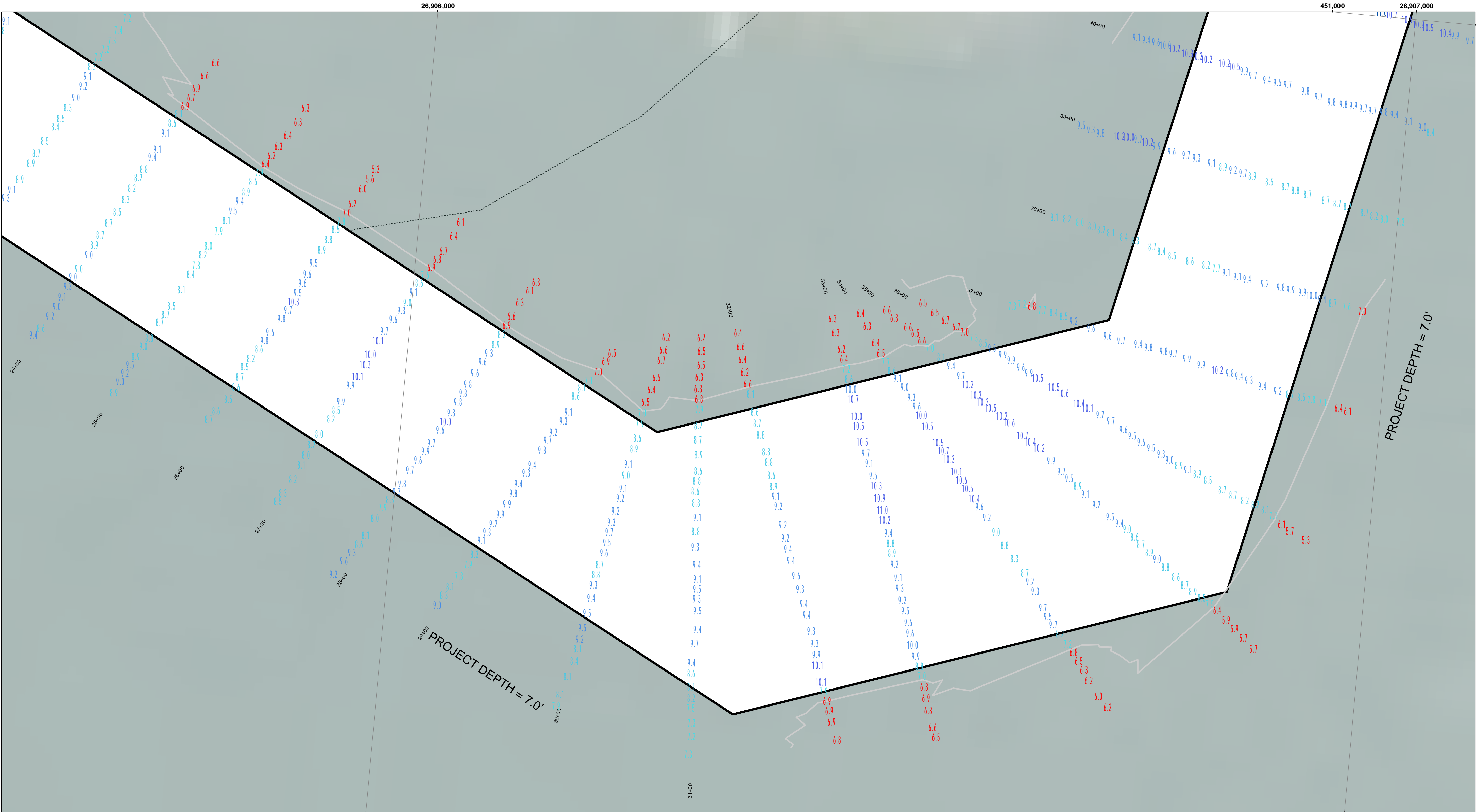
**Les Cheneaux Islands**

**LS\_01\_CHX\_20230525\_CS**

**25 May 2023**

**Sheet Reference Number**

**2 of 36**



**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⌋ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

**NOTES:**

- 1.THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.
- 2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.
- 3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
- 4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS
- 5.GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111). NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
- 6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

  
**US Army Corps  
of Engineers**  
District: CELRE

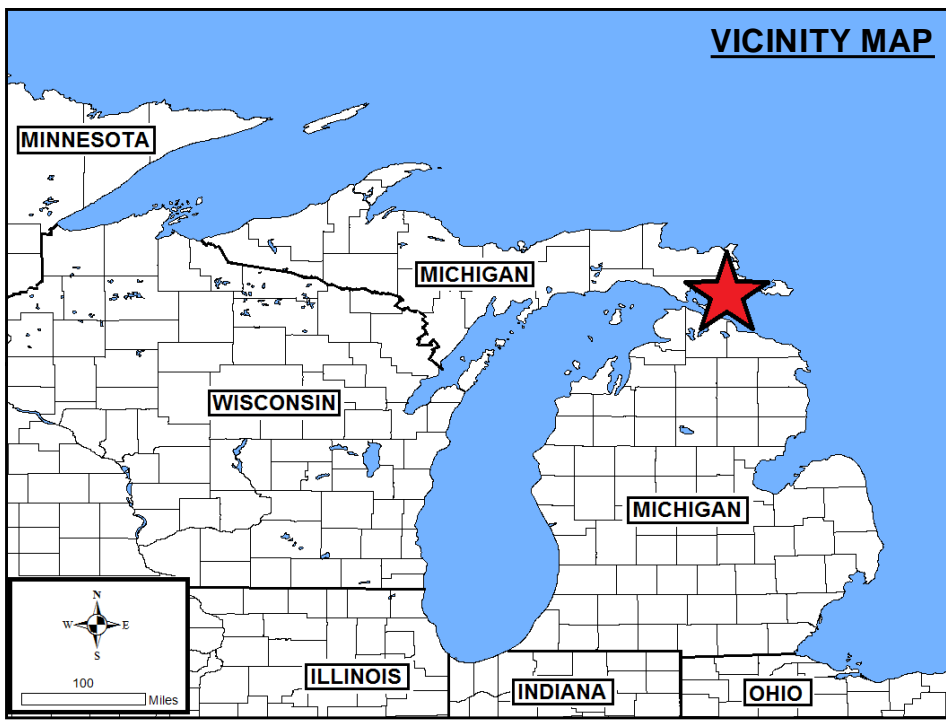
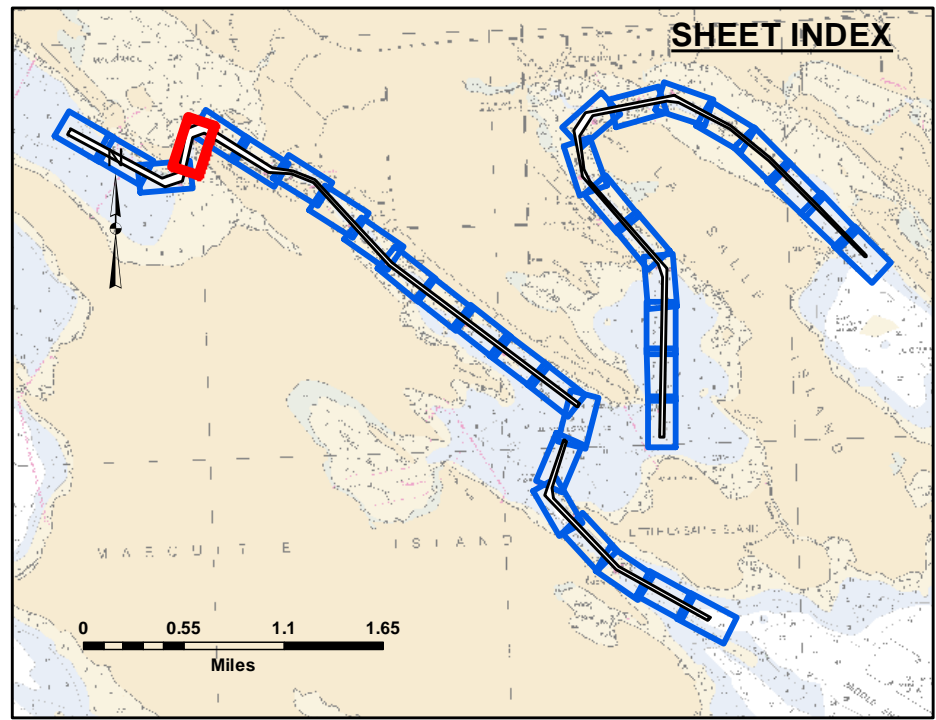
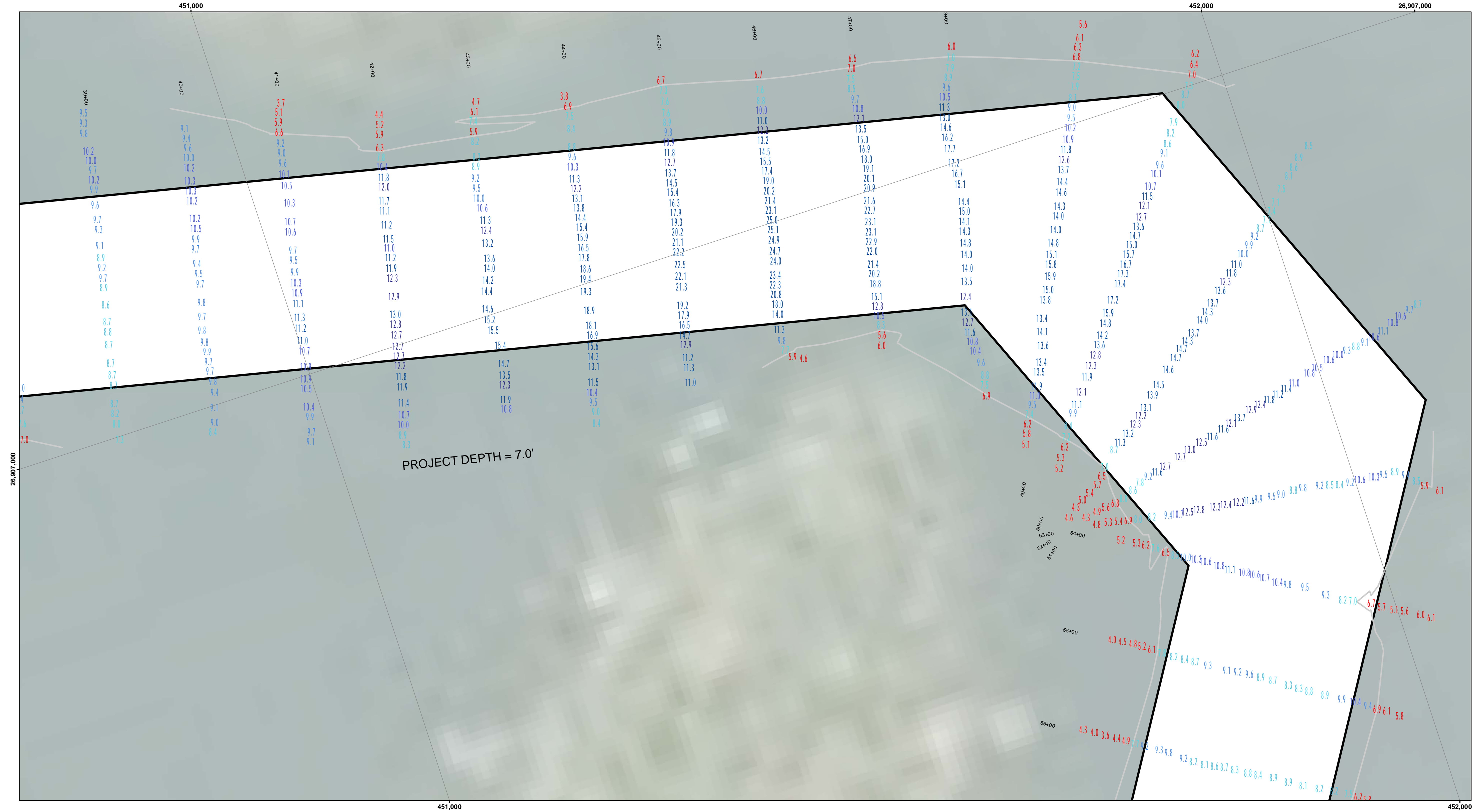
**DISCLAIMER:** The data presented in the results of data collection is for informational purposes only. The US Army Corps of Engineers does not warrant the accuracy, completeness, or reliability of the data. The user is responsible for the results of any application of the data for other than its intended purpose.

**ACCESS:** The United States Government (unlike these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were provided. The recipient may not transfer these data to others without the written consent of the US Army Corps of Engineers.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Checked By:	

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet  
Reference  
Number**  
**3 of 36**



**LEGEND**

- ..... Cable Submarine
- - - Cable Overhead
- Placement Area
- ⌋ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

**NOTES:**

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

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS

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

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

  
**US Army Corps  
of Engineers**  
District: CELRE

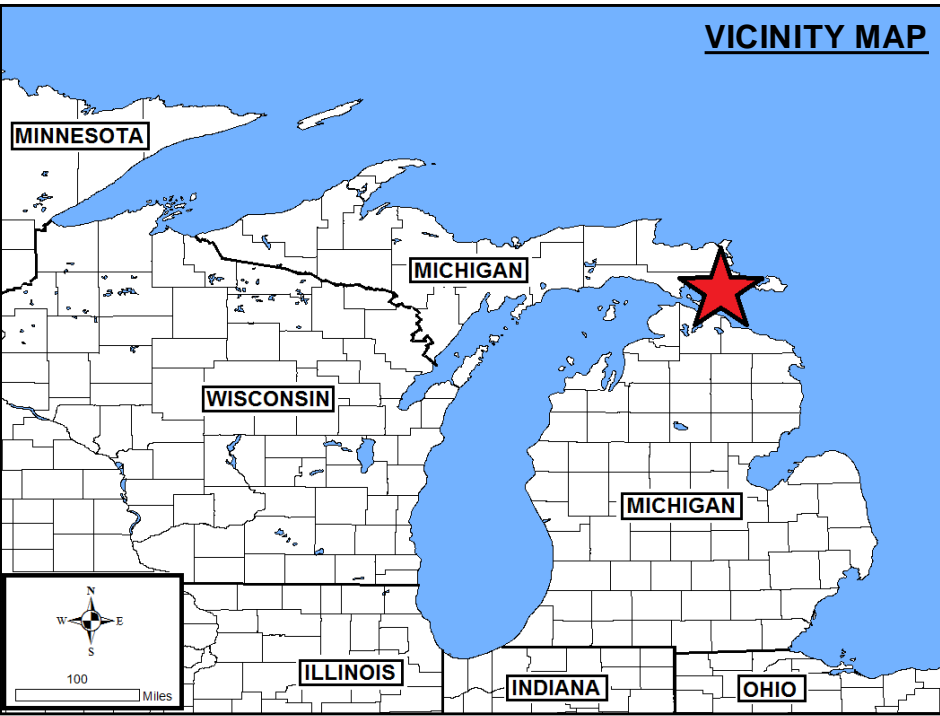
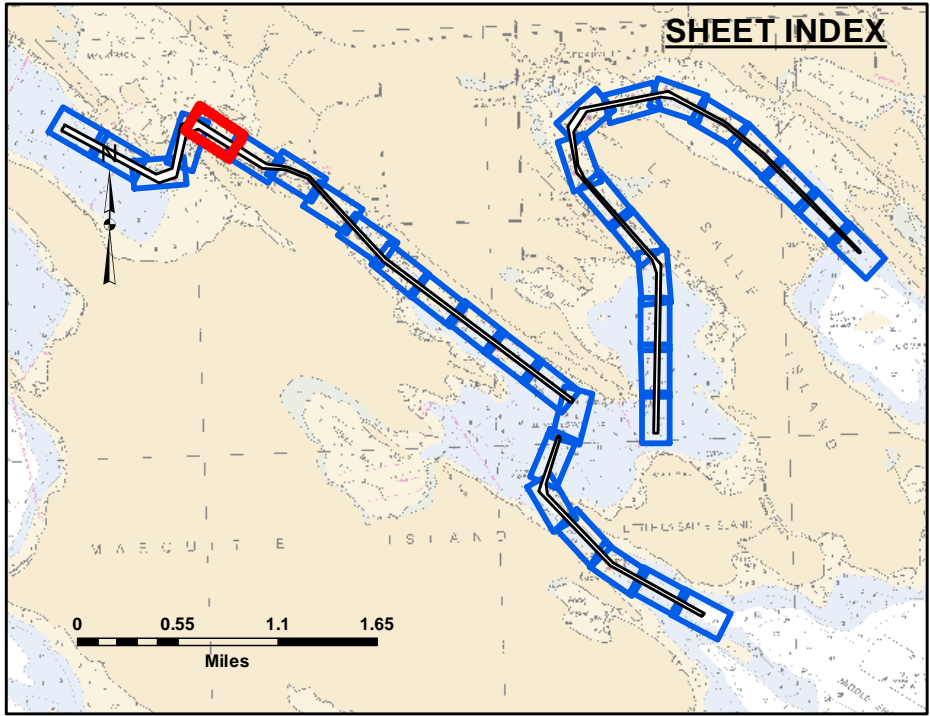
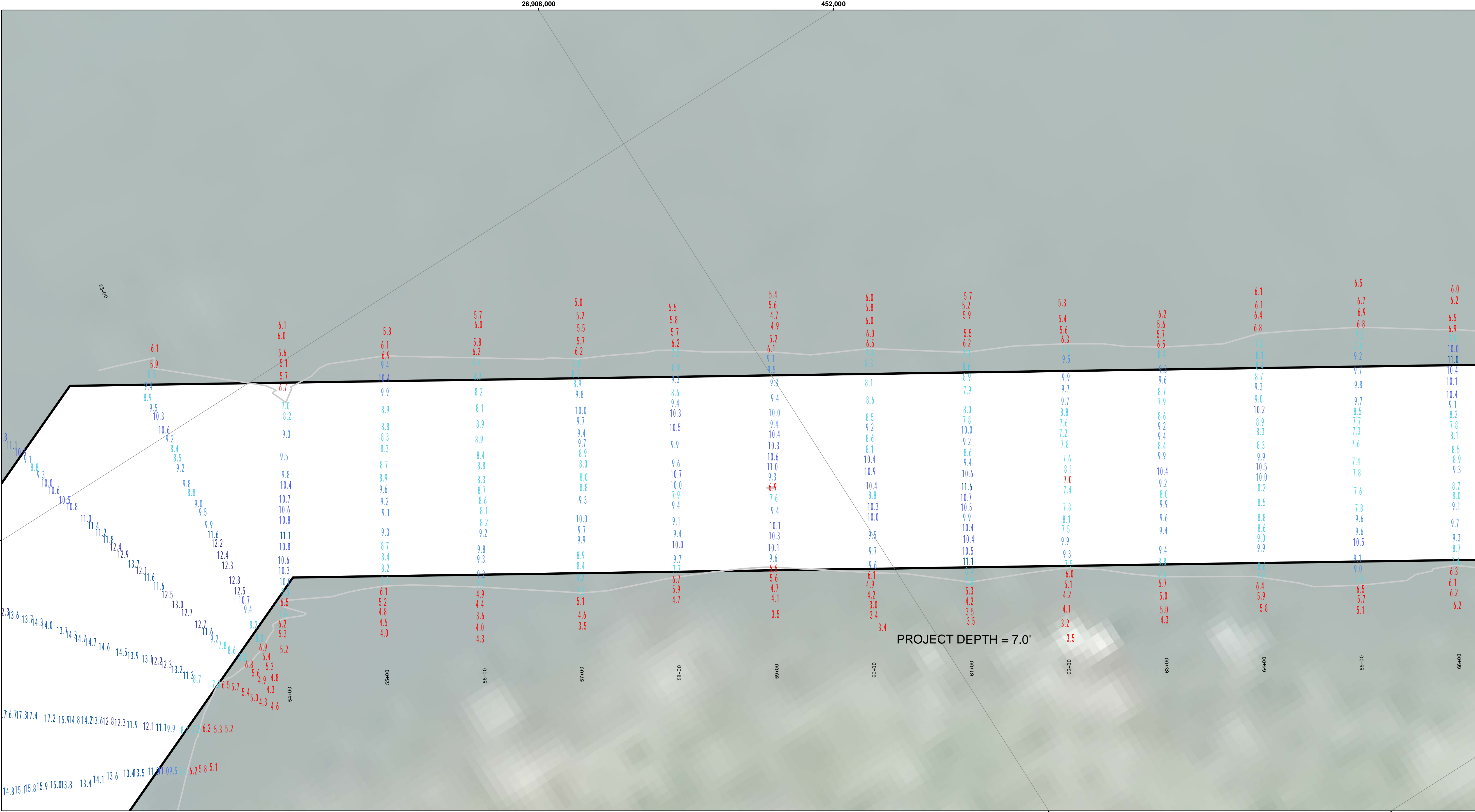
**DISCLAIMER:** The data represents the results of data collection and is not intended for use in any other manner. Engineers actively and indicates the general existing conditions. The user is responsible for the results of any of the application of the data for other than its intended purpose.

**ACCESS:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any other purpose, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the recipient. The data are not to be used for any other purpose, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the recipient. These data belong to the Government. Therefore the recipient may not transfer these data to others without transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT	Submitted:	Surveyed By:
	Recommended:	Plotted By:
	Approved:	Checked By:

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet  
Reference  
Number**  
**4 of 36**



**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

**NOTES:**

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

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS

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

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

  
**US Army Corps  
of Engineers**  
District: CELRE

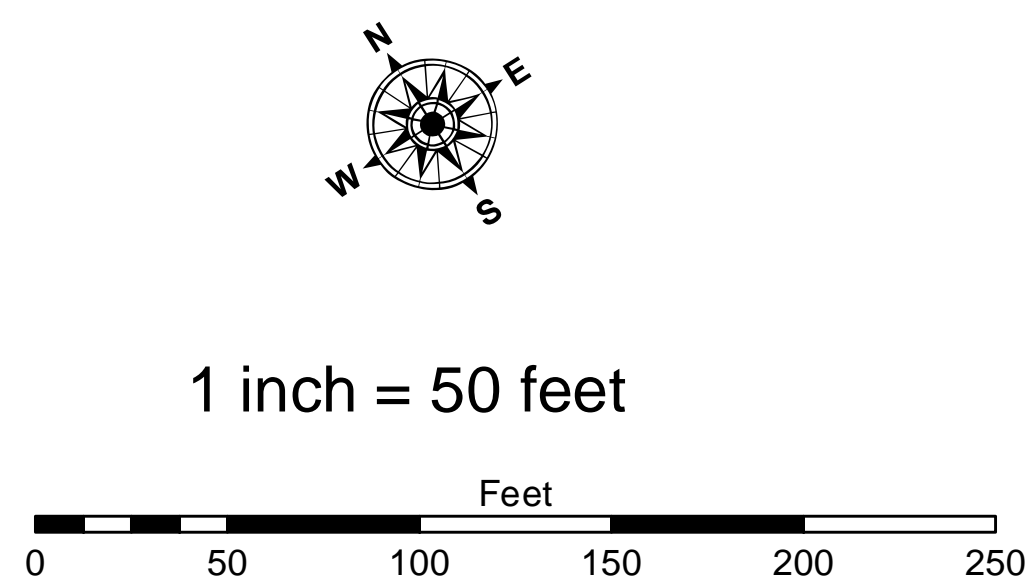
The data is liability. The data represents the results of data collection and is not a guarantee of accuracy. The U.S. Army Corps of Engineers activity and indicates the general existing conditions. The data is not intended for use in any other manner than the intended purpose. The user is responsible for the results of any of the application of the data for other than its intended purpose.

Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were collected, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the data. The data are not to be used for any purpose other than that for which they were collected, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the data. These data belong to the Government. Therefore the use of these data is subject to the Government's policies and procedures. The recipient may not transfer these data to others without transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Chief, Technical Services	

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet  
Reference  
Number**  
**5 of 36**



**NOTES:** 1.THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING A TELEPHONE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

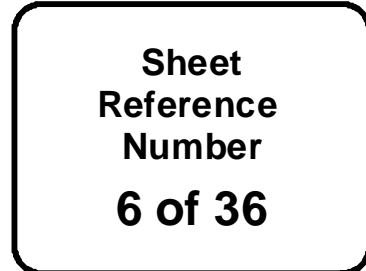
3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

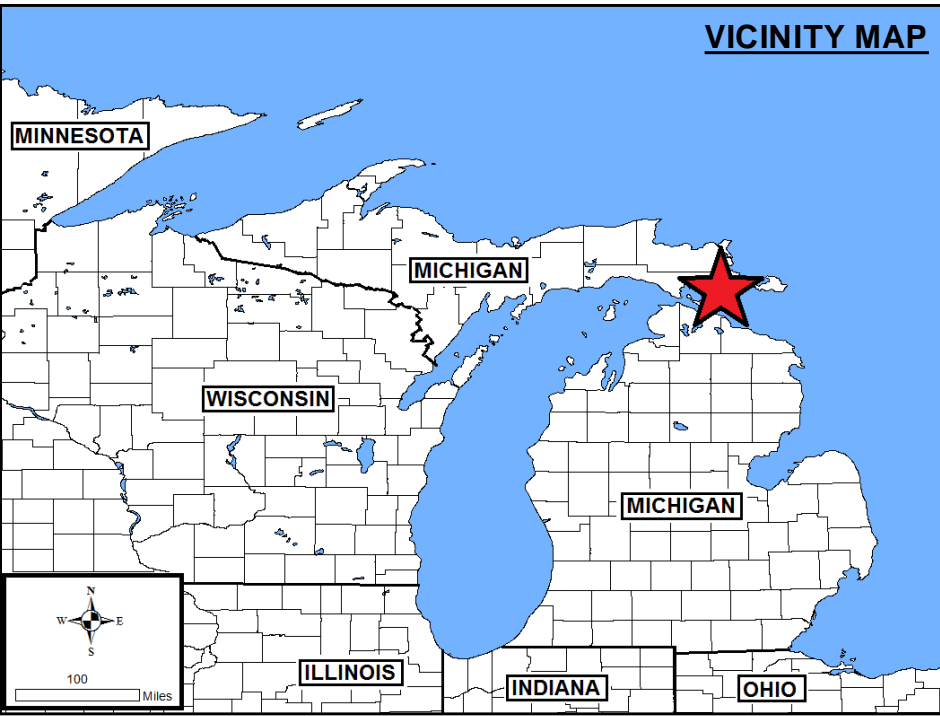
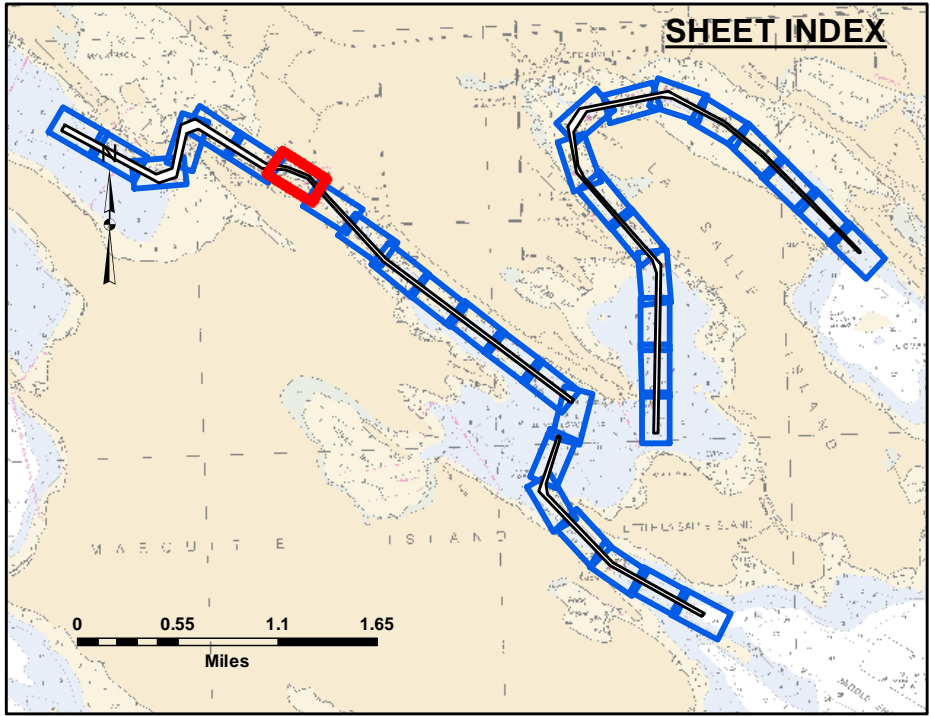
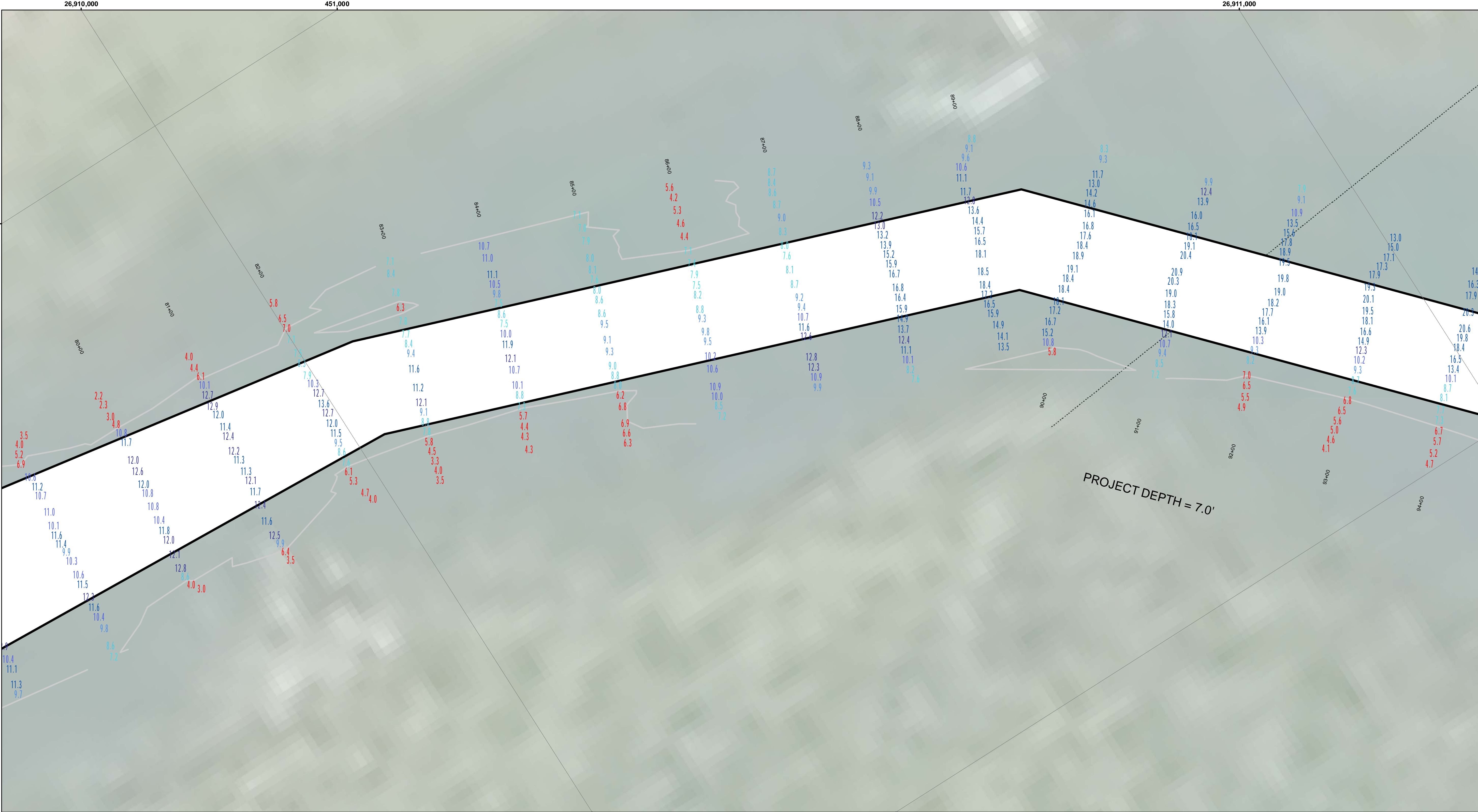
4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MP865 WITH OMNISTAR CORRECTIONS

5.GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (211), NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI





**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⌋ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

**NOTES:**

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

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS

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

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

  
**US Army Corps  
of Engineers**  
District: CELRE

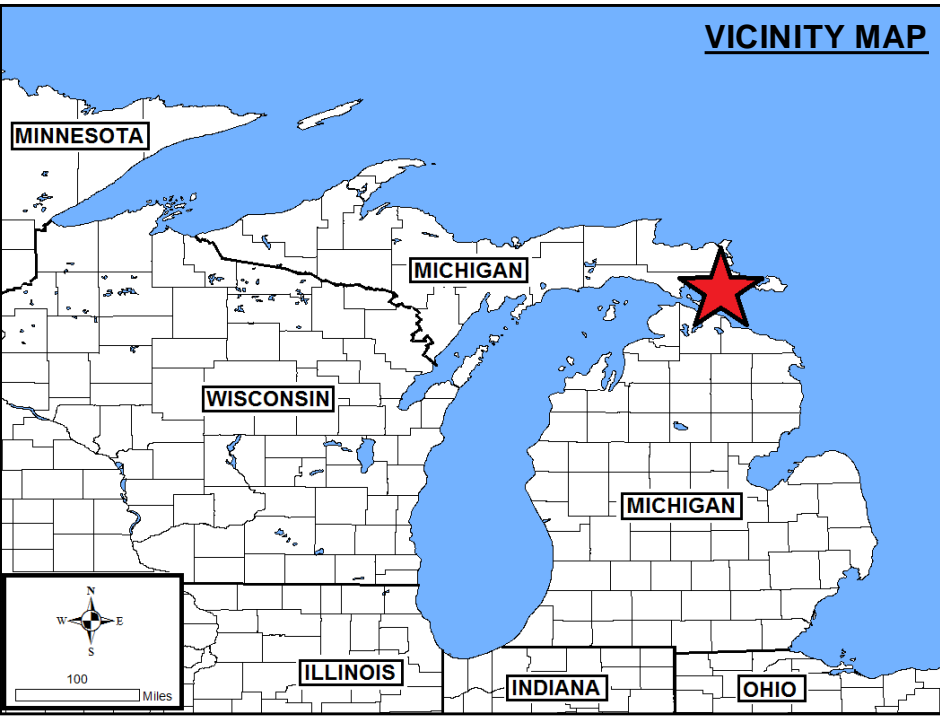
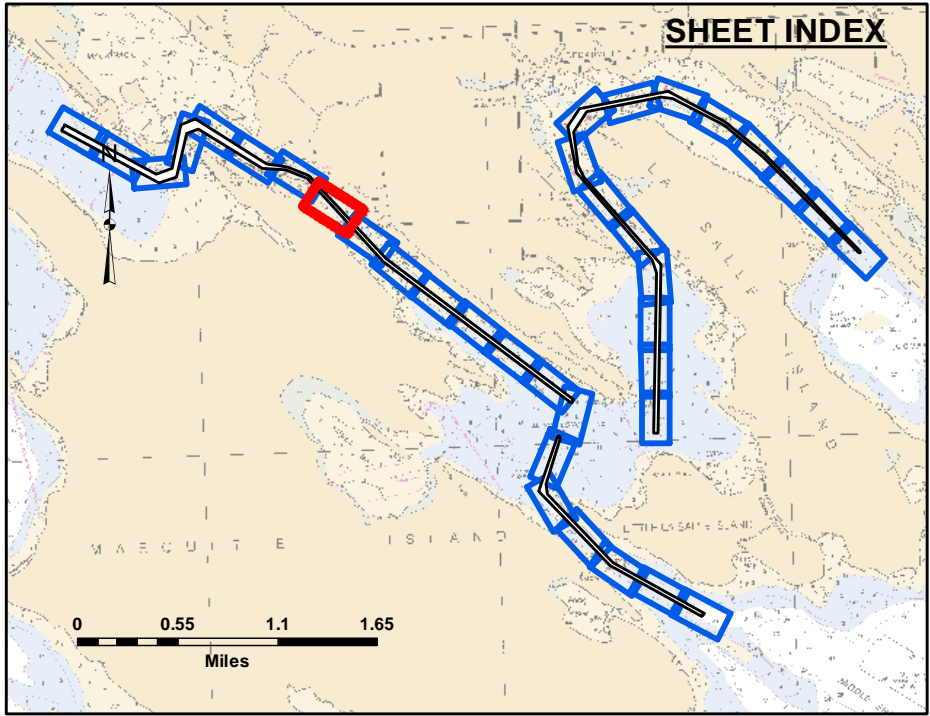
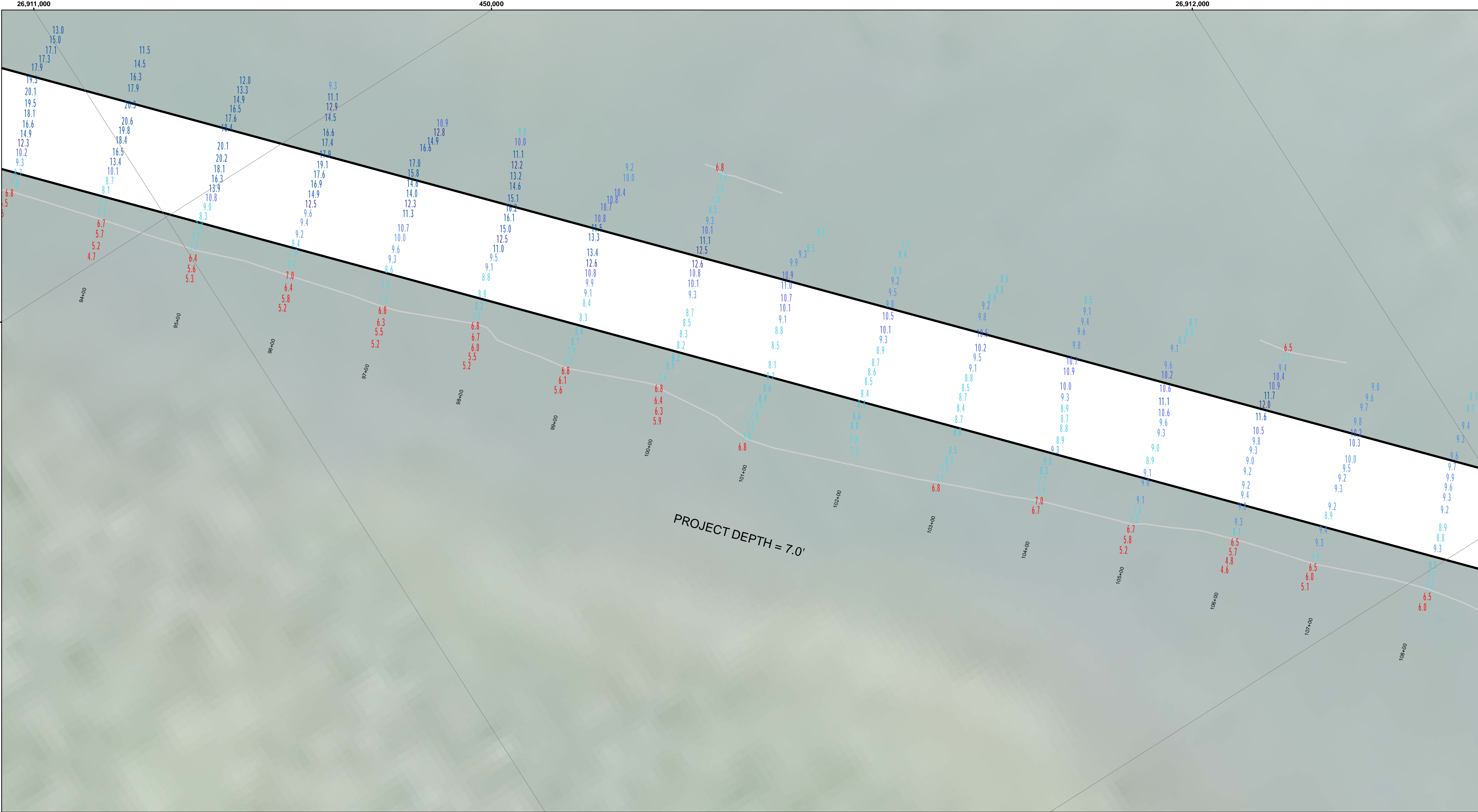
The data is liability. The data represents the results of data collection and is not a guarantee of accuracy. The U.S. Army Corps of Engineers actively and continuously monitors the general existing conditions of the project area and updates the data as needed. The user is responsible for the results of any of the application of the data for other than its intended purpose.

DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not a guarantee of accuracy, completeness, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the recipient. The data are provided for informational purposes only and are not to be used for any purpose other than that for which they were made. These data belong to the Government. Therefore the recipient may not transfer these data to others without transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT	
Submitted: _____	Surveyed By: _____
Recommended: _____	Printed By: _____
Approved: _____	Checked By: _____
Chief, Survey Section	
Chief, Technical Services	

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet  
Reference  
Number**  
**7 of 36**

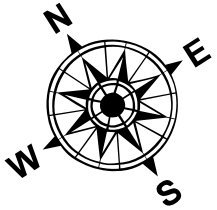


**LEGEND**

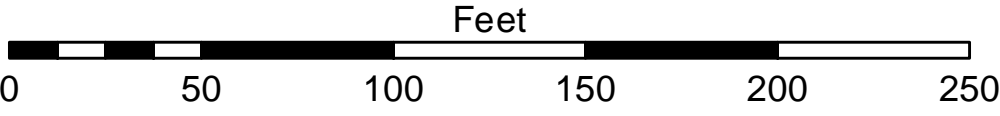
- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'



1 inch = 50 feet



- NOTES:**
- 1.THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.
  - 2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.
  - 3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
  - 4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS
  - 5.GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111). NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
  - 6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.
- Imagery Source: ESRI



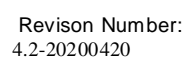
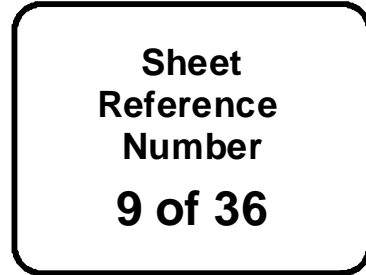
**DISCLAIMER:** The data represents the results of data collection and is not intended for use in any other manner. Engineers actively and indicates the general existing conditions. The user is responsible for the results of any of the application of the data for other than its intended purpose.

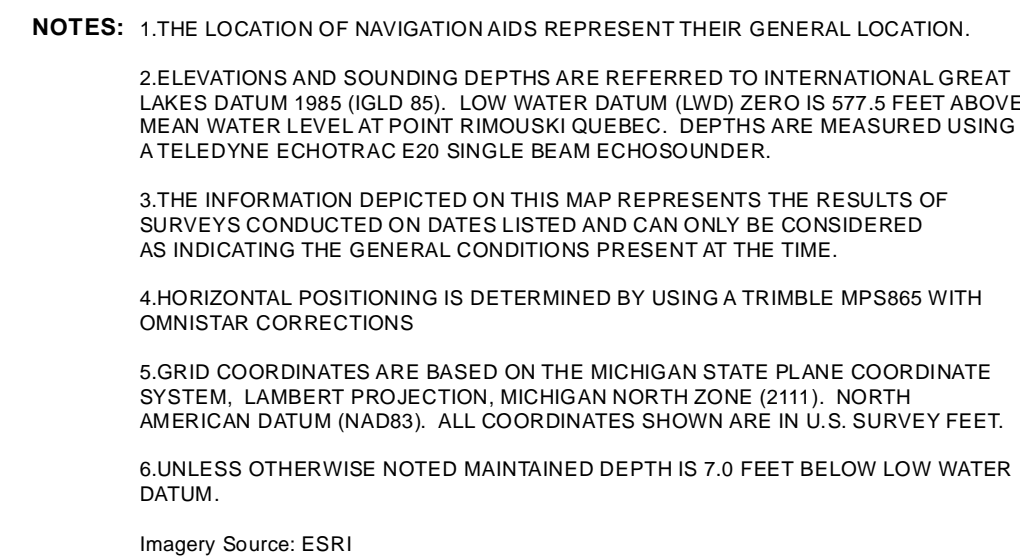
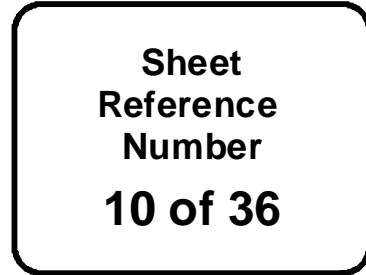
**ACCESS:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any other purpose, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the recipient. These data are not to be used for any purpose other than that for which they were provided. The recipient may not transfer these data to others without transferring this Disclaimer.

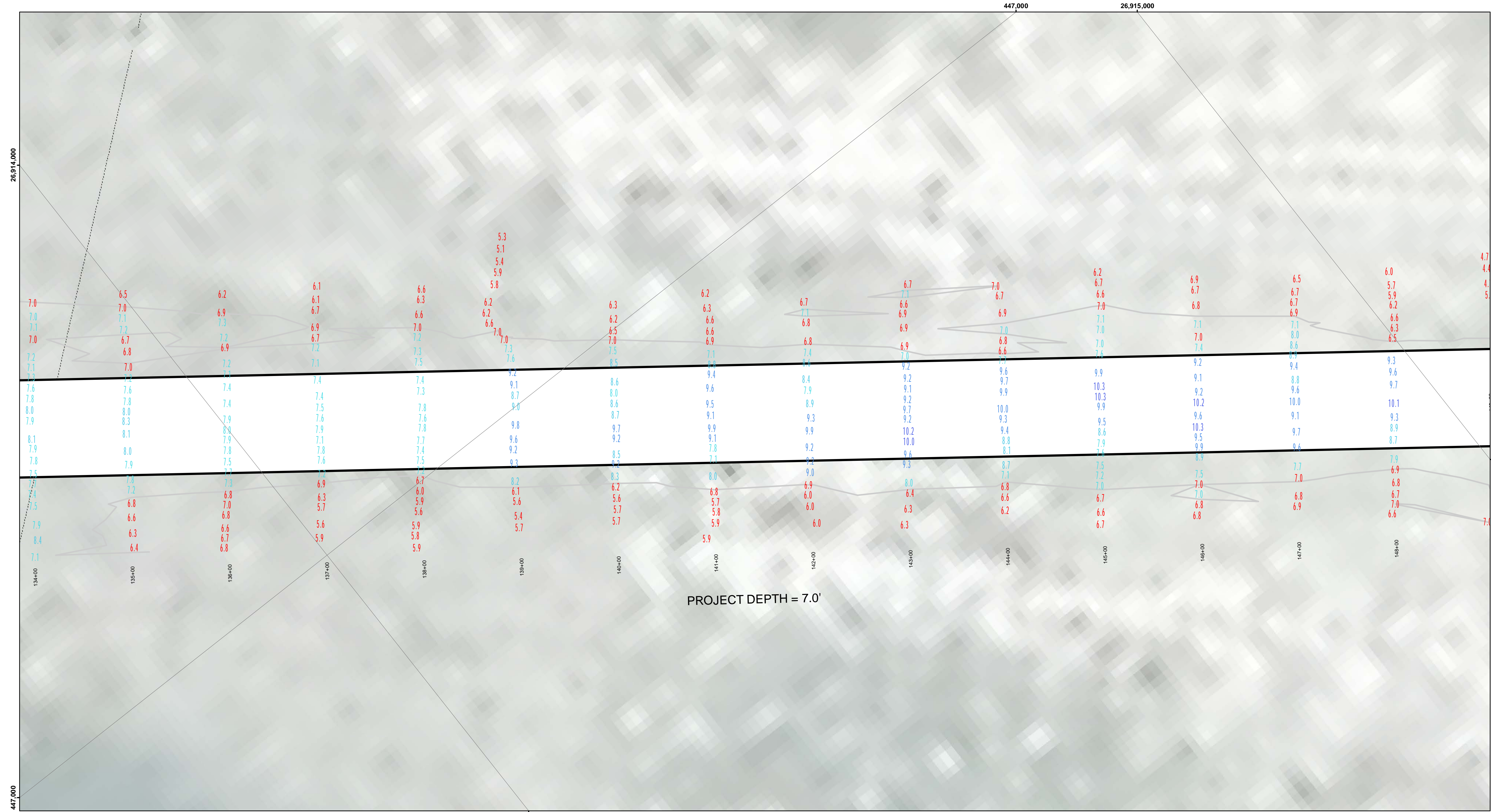
U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT	Submitted:	Surveyed By:
	Recommended:	Plotted By:
	Approved:	Checked By:

Les Cheneaux Islands, MI  
 Les Cheneaux Islands  
 LS\_01\_CHX\_20230525\_CS  
 25 May 2023

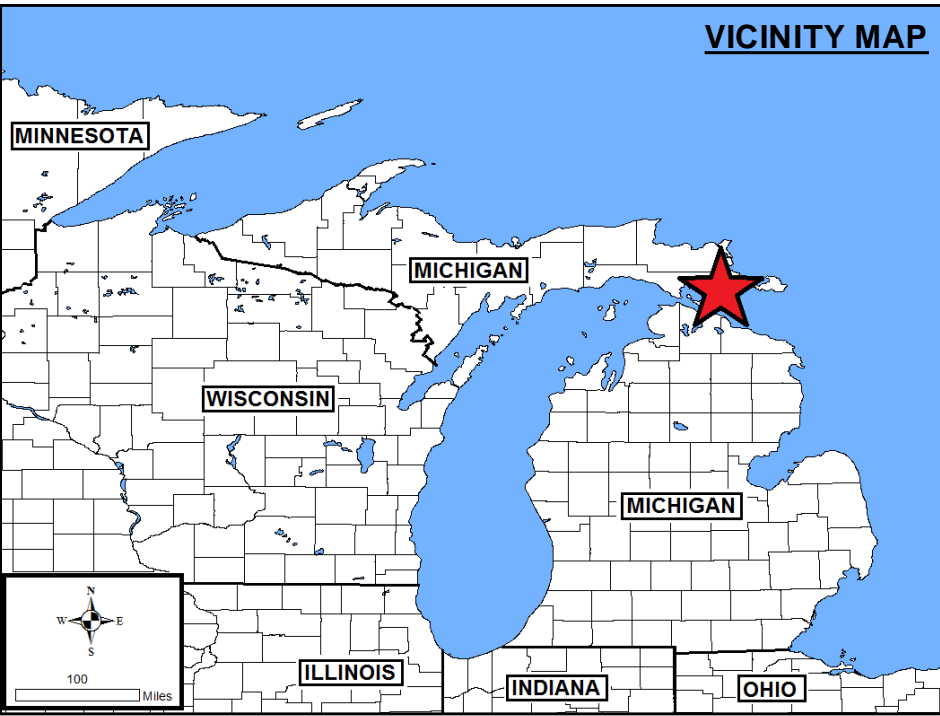
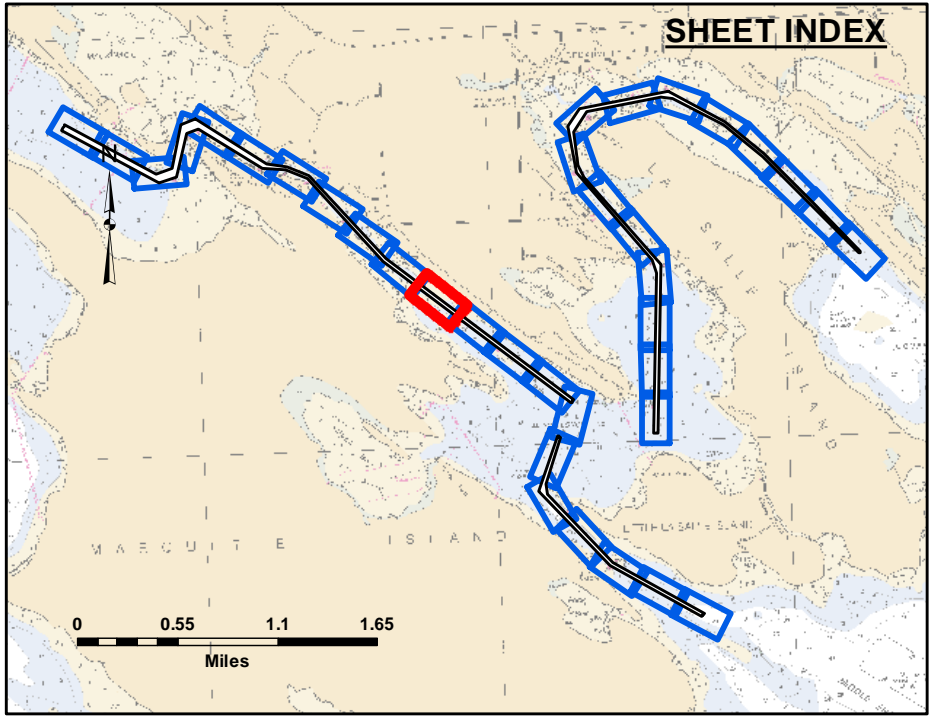
Sheet  
 Reference  
 Number  
 8 of 36







PROJECT DEPTH = 7.0'

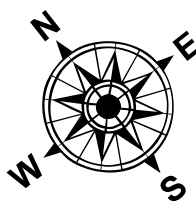


**LEGEND**

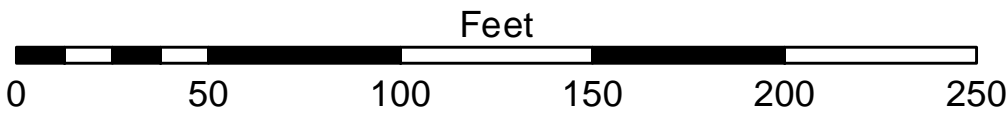
- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'



1 inch = 50 feet



- NOTES:**
- 1.THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.
  - 2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.
  - 3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
  - 4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS
  - 5.GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111). NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
  - 6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.
- Imagery Source: ESRI

  
**US Army Corps  
of Engineers**  
District: CELRE

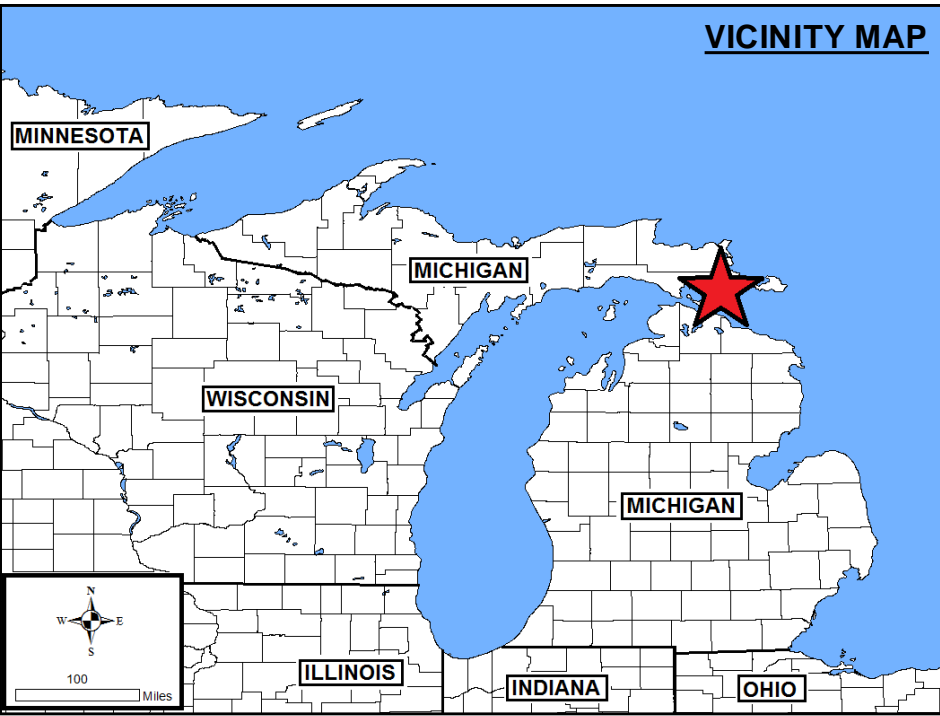
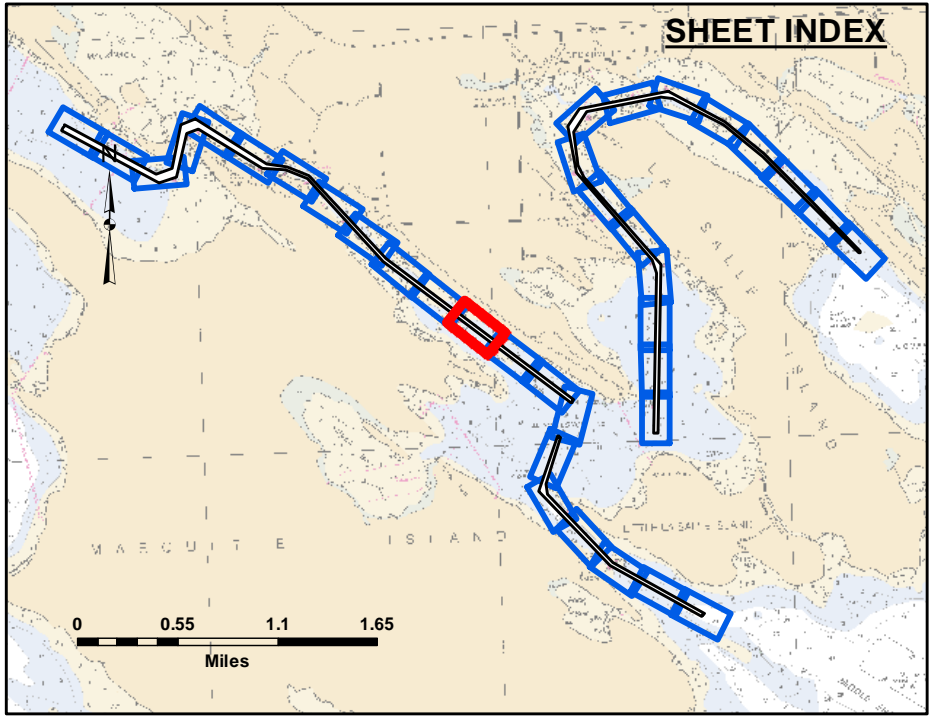
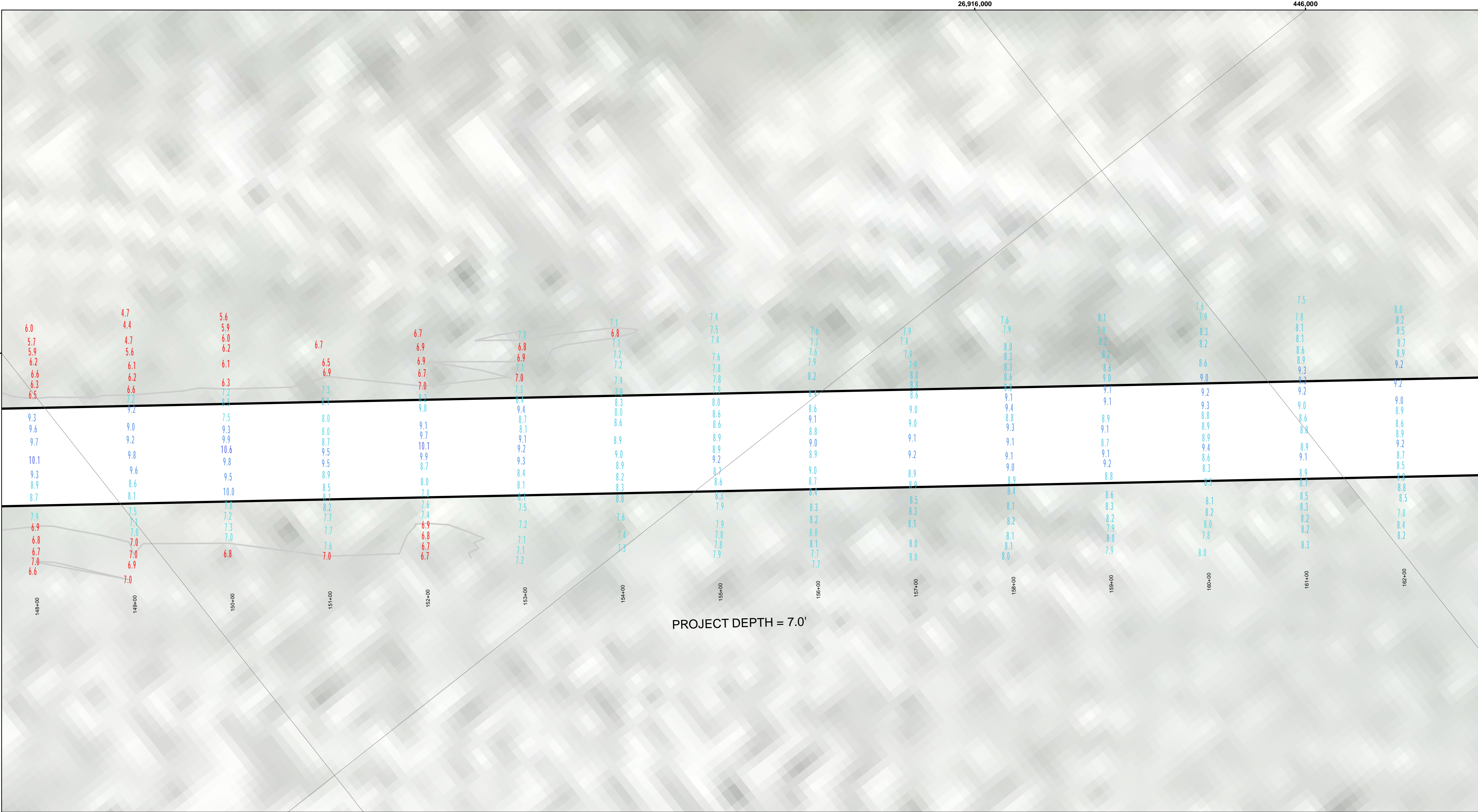
The data is liability. The data represents the results of data collection and is not a guarantee of accuracy. The U.S. Army Corps of Engineers activity and indicates the general existing conditions. The data is not intended for use in any other manner than the intended purpose of the application of the data for other than its intended purpose. The user is responsible for the results of any of the application of the data for other than its intended purpose.

Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were provided. The data are not to be used, in whole or in part, for any purpose other than that for which they were provided. The data are not to be used, in whole or in part, for any purpose other than that for which they were provided. The data are not to be used, in whole or in part, for any purpose other than that for which they were provided.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted: _____	Surveyed By: _____	
Recommended: _____	Printed By: _____	
Approved: _____	Checked By: _____	

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet  
Reference  
Number**  
**11 of 36**



**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⌋ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

**1 inch = 50 feet**

Feet

0 50 100 150 200 250

**NOTES:**

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

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS

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

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

Les Cheneaux Islands, MI  
Les Cheneaux Islands  
LS\_01\_CHX\_20230525\_CS  
25 May 2023

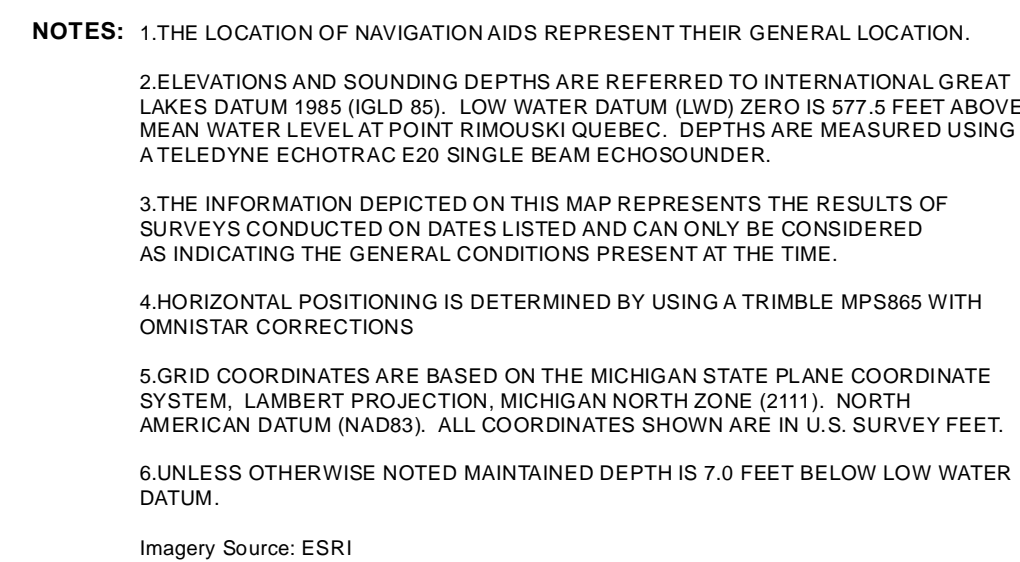
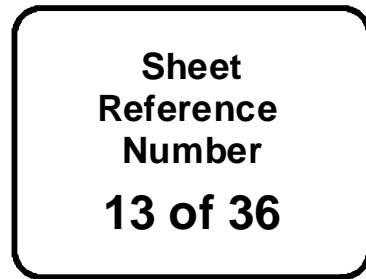
Sheet  
Reference  
Number  
12 of 36

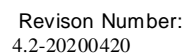
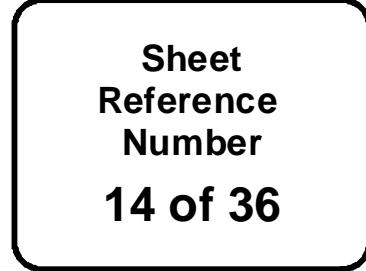
U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Checked By:	

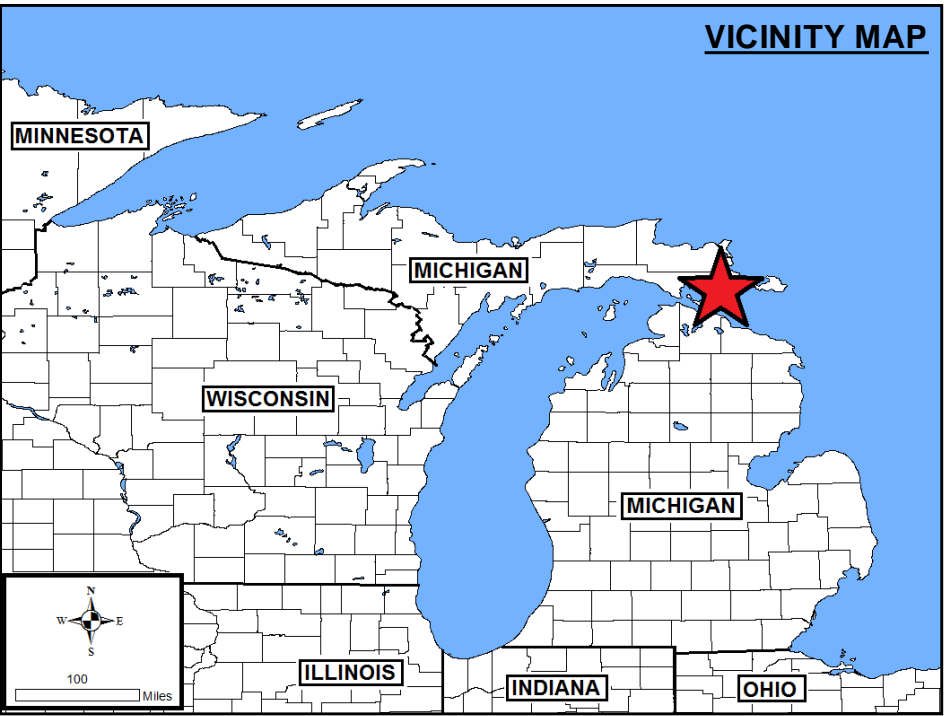
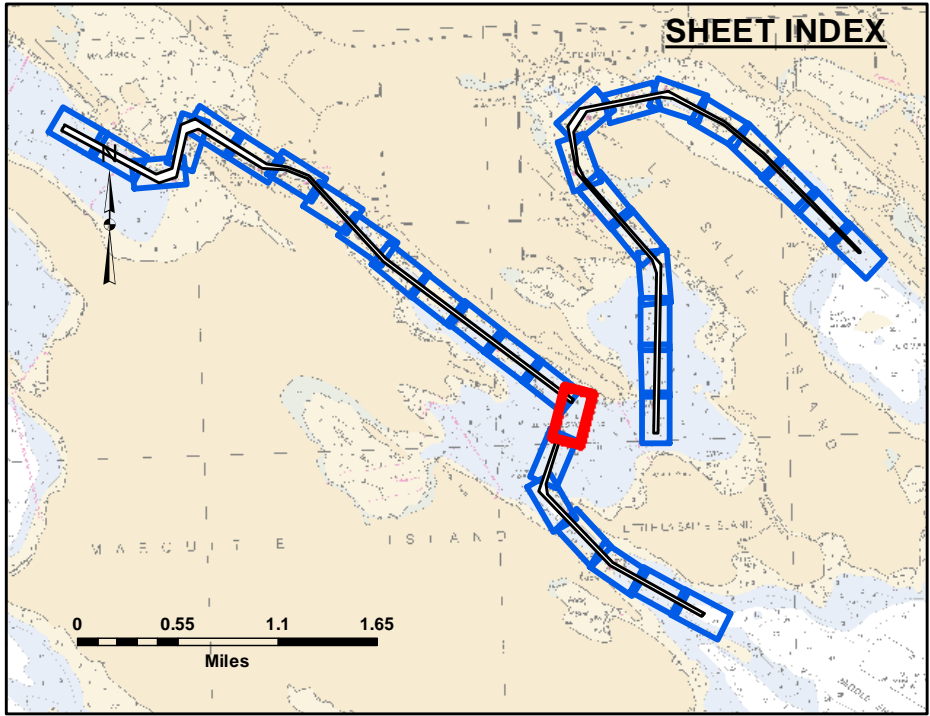
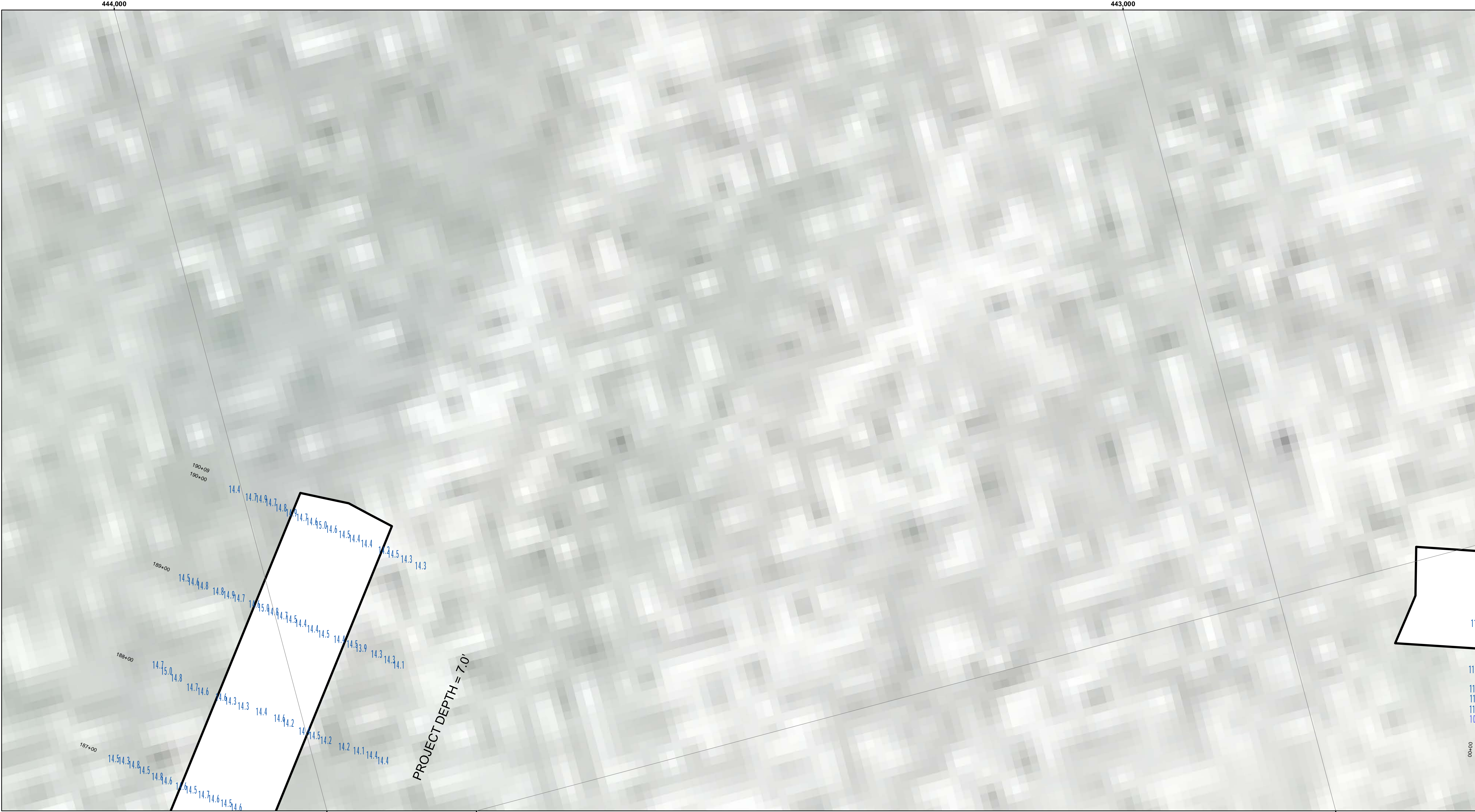
**DISCLAIMER:** The data presented in the results of data collection were collected for a specific purpose and are not intended for any other purpose. The user is responsible for the results of any application of the data for other than its intended purpose.

**ACCESS/AVAILABILITY:** The United States Government (unlike these data and the recipient) accepts and uses them with the express understanding that they are not to be distributed, reproduced, or used in any manner, expressed or implied, concerning the accuracy, completeness, readability, usability, or suitability for any particular purpose of the recipient. The recipient is responsible for the results of any use of these data, and the recipient is not to be held liable for any use of these data, and the recipient is not to be held liable for any use of these data, and the recipient is not to be held liable for any use of these data.









**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

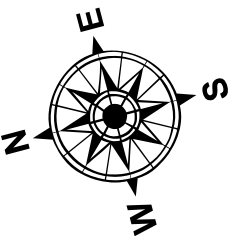
**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250



**NOTES:** 1.THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS

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

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI


**US Army Corps of Engineers**  
District: CELRE

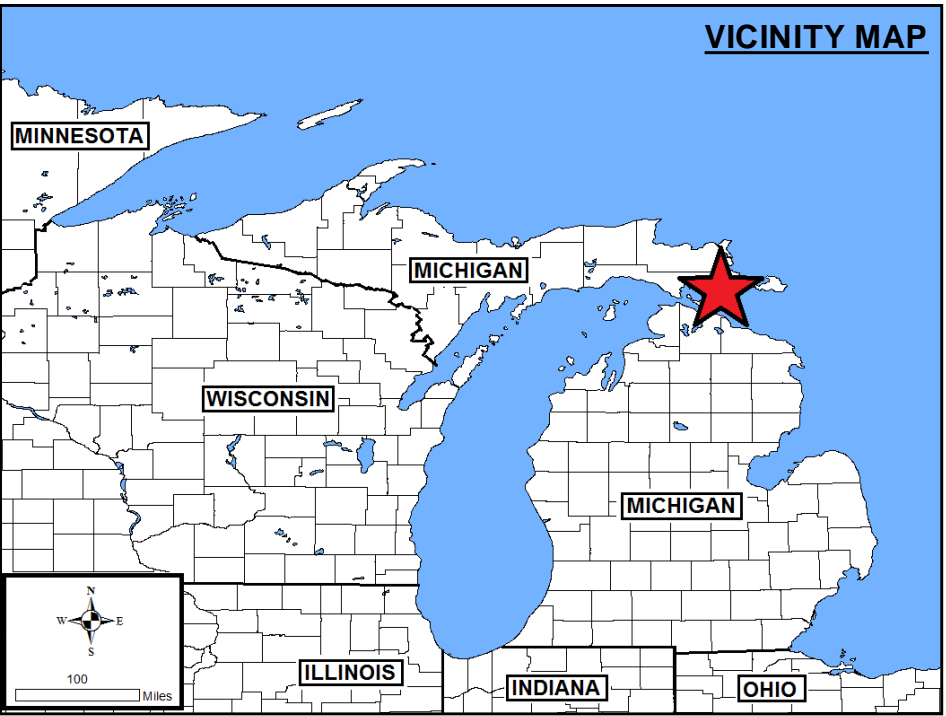
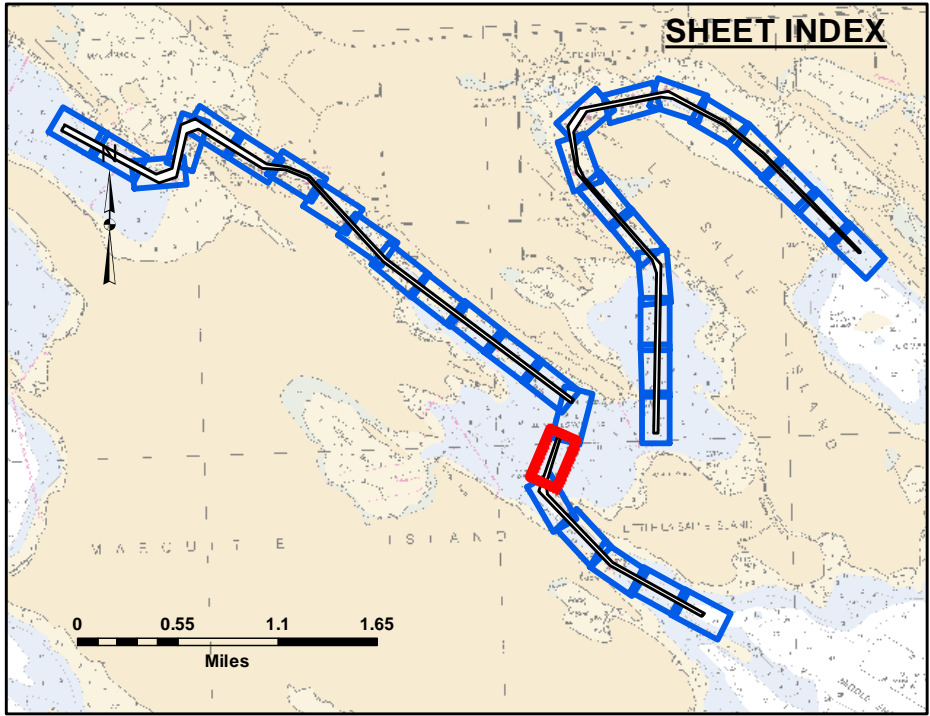
**DISCLAIMER:** The data represents the results of data collection operations for a specific US Army Corps of Engineers activity and indicates the general existing conditions. The data is not intended to be used for any purpose other than the intended purpose. The user is responsible for the results of any of the application of the data for other than its intended purpose.

**ACCESS CONSTRAINTS:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than the intended purpose. The data are not to be used for any purpose other than the intended purpose. The data are not to be used for any purpose other than the intended purpose.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Chief, Technical Services	

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet Reference Number**  
**15 of 36**



**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⌋ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

**1 inch = 50 feet**

Feet

0 50 100 150 200 250

**NOTES:**

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

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS

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

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

  
**US Army Corps  
of Engineers**  
District: CELRE

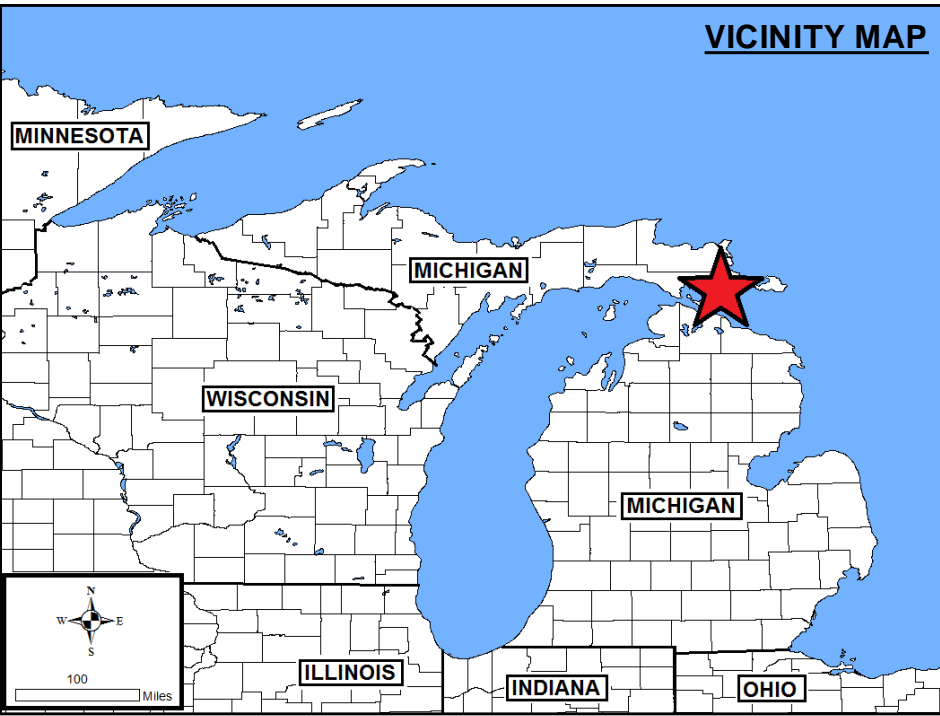
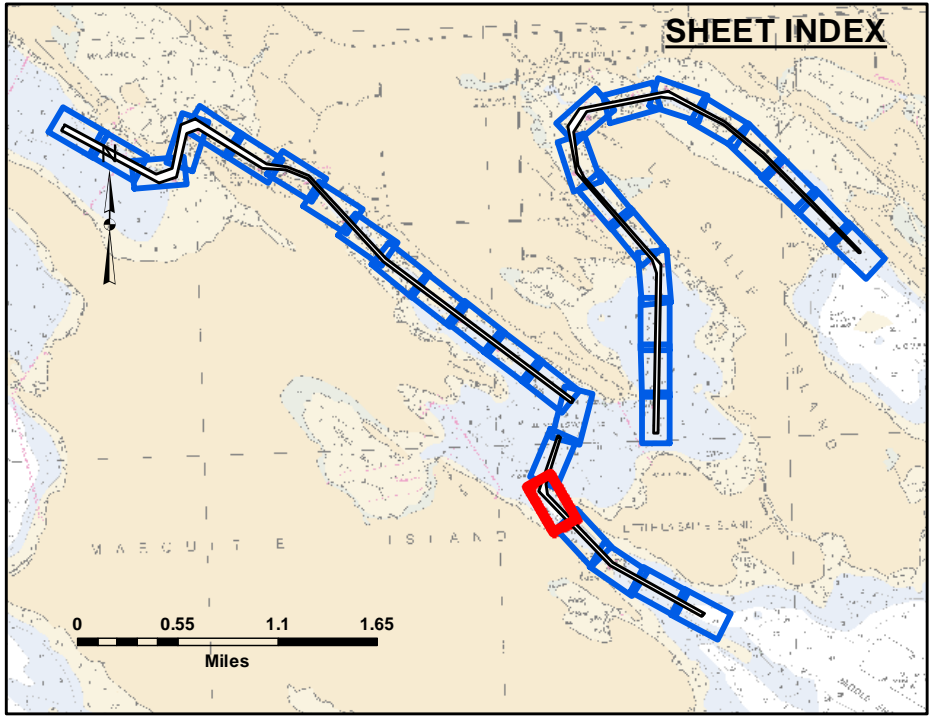
The data is liability. The data represents the results of data collection, processing, and analysis for a specific US Army Corps of Engineers activity and indicates the general existing conditions. The data is not intended for use in any other manner, including but not limited to, engineering, construction, or other applications. The user is responsible for the results of any of the application of the data for other than its intended purpose.

Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data is not to be used for any other purpose, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the recipient. The data is provided as a service to the recipient and is under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient may not reproduce, distribute, or otherwise use these data for purposes other than Government provided data. The recipient may not transfer these data to others without transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Chief, Technical Services	

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet  
Reference  
Number**  
**16 of 36**



**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

**NOTES:** 1.THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS

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

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

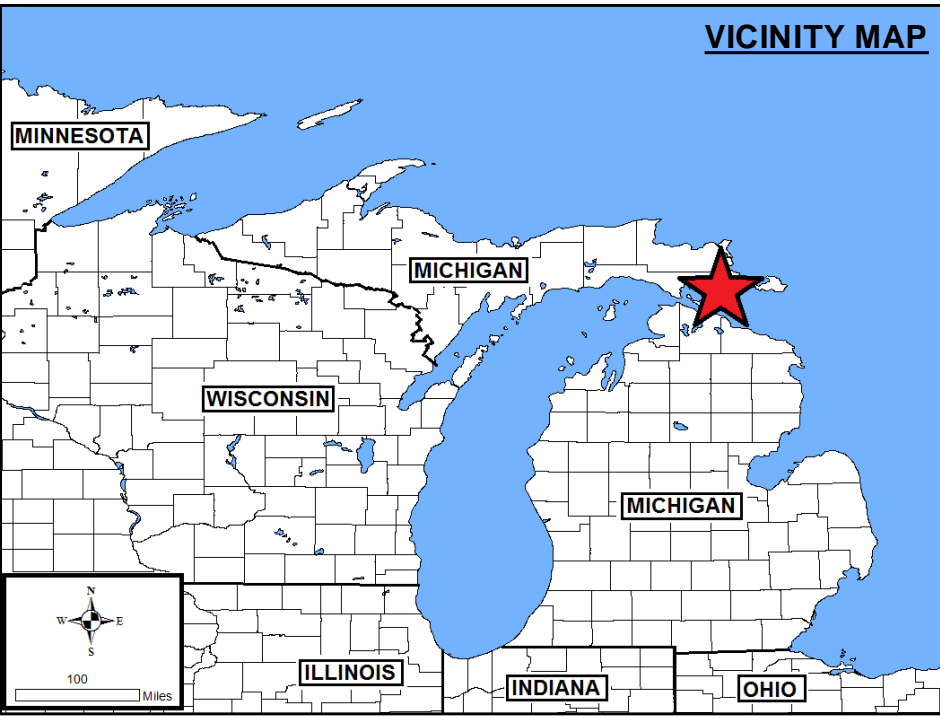
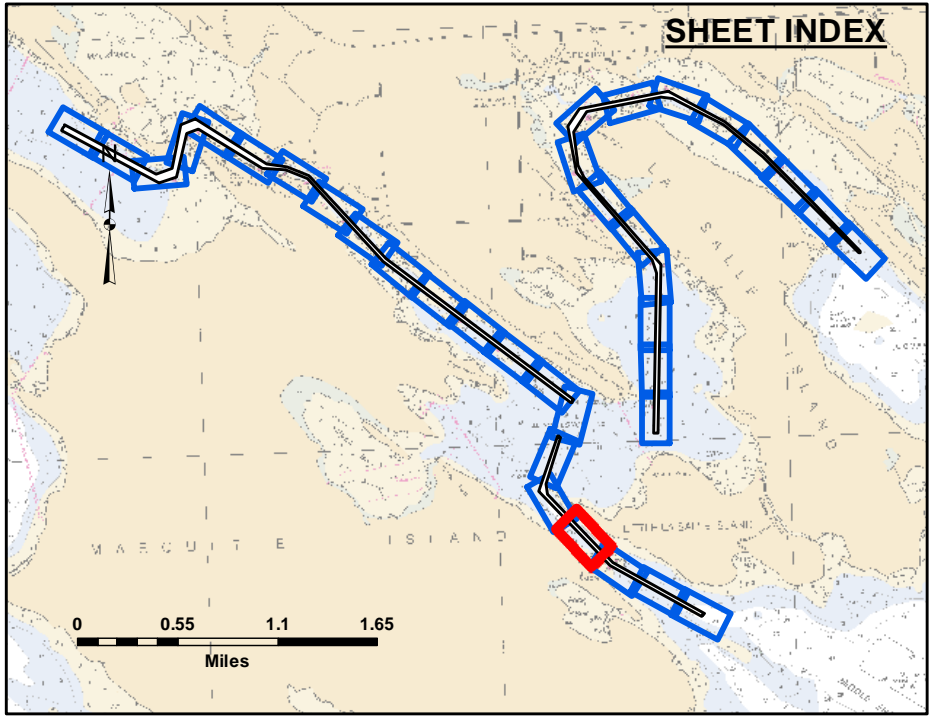
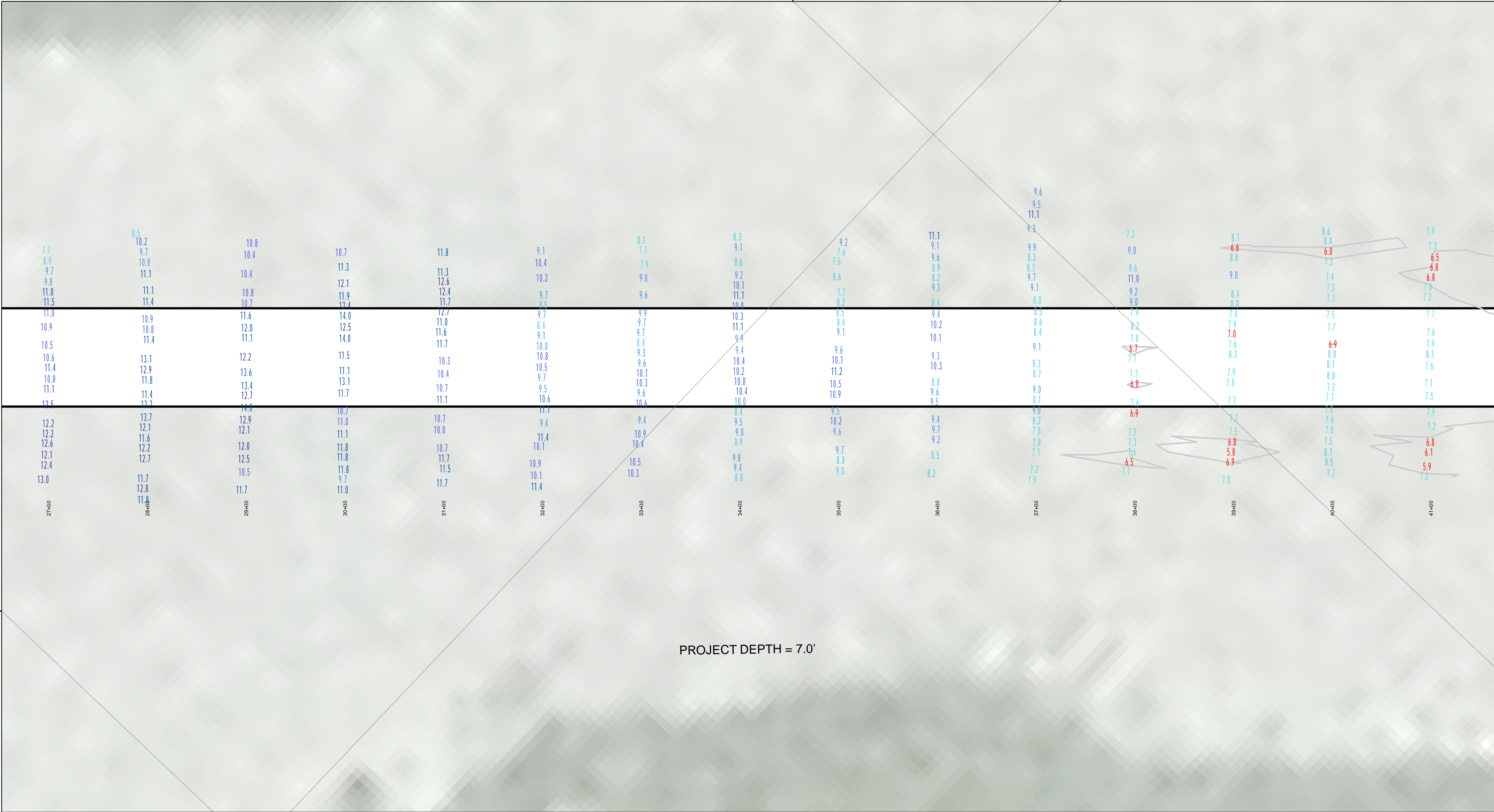
  
**US Army Corps  
of Engineers**  
District: CELRE

**DISCLAIMER:** The data represents the results of data collection and is not intended for use in any other manner than that for which it was collected. The data is not intended for use in any other manner than that for which it was collected. The data is not intended for use in any other manner than that for which it was collected.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT	Surveyed By:
	Submitted:
	Recommended: Chief, Survey Section
Checked By:	
Approved: Chief, Technical Services	

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet  
Reference  
Number**  
**17 of 36**



**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

**NOTES:**

- 1.THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.
- 2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.
- 3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
- 4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS
- 5.GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111). NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
- 6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

  
**US Army Corps  
of Engineers**  
District: CELRE

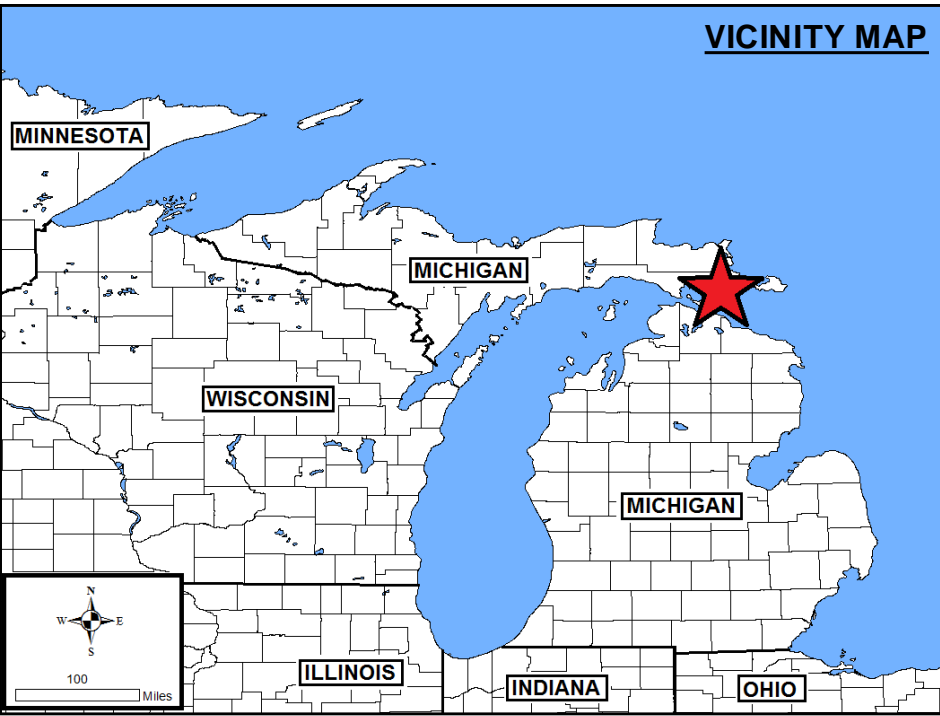
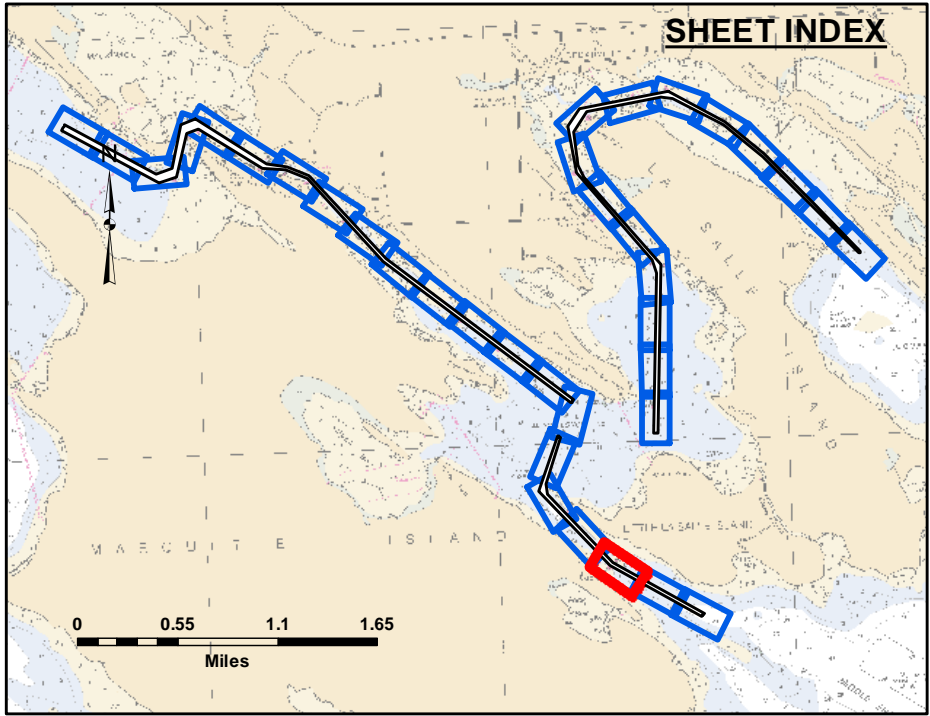
**DISCLAIMER:** The data represents the results of data collection activity and indicates the general existing conditions. Engineers activity and indicates the general existing conditions. The data is not intended for use in any other manner than that for which it was collected. The user is responsible for the results of any of the application of the data for other than its intended purpose.

**ACCESS CONSTRAINTS:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were collected. The data are not to be used for any purpose other than that for which they were collected. The data are not to be used for any purpose other than that for which they were collected.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By: _____	
Recommended:	Plotted By: _____	
Approved:	Checked By: _____	

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet  
Reference  
Number**  
**18 of 36**



**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

**1 inch = 50 feet**

Feet

0 50 100 150 200 250

**NOTES:**

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

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS

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

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

  
**US Army Corps  
of Engineers**  
District: CELRE

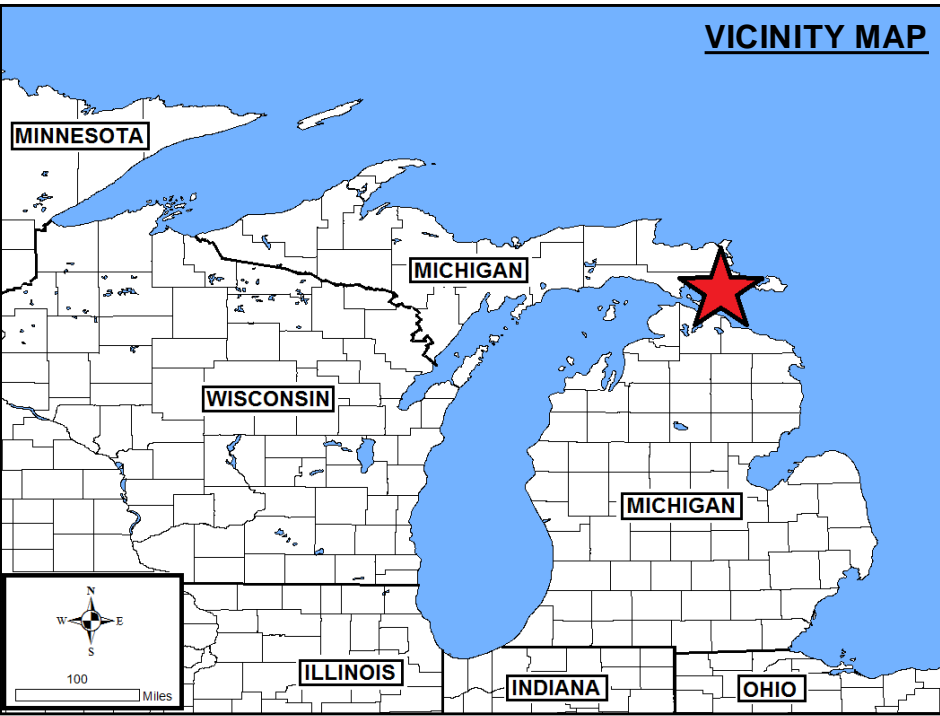
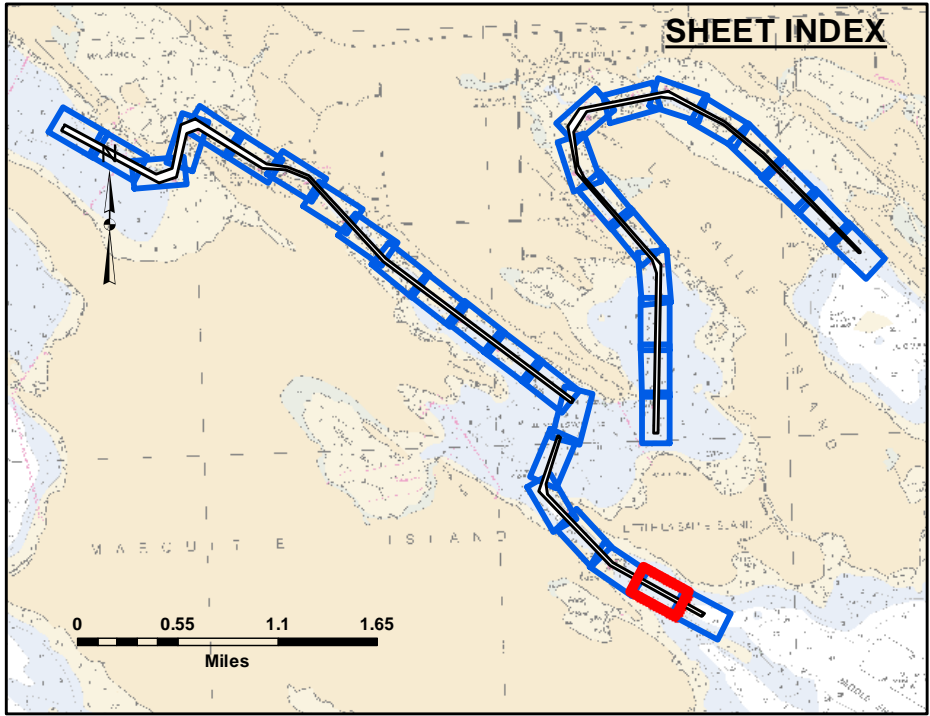
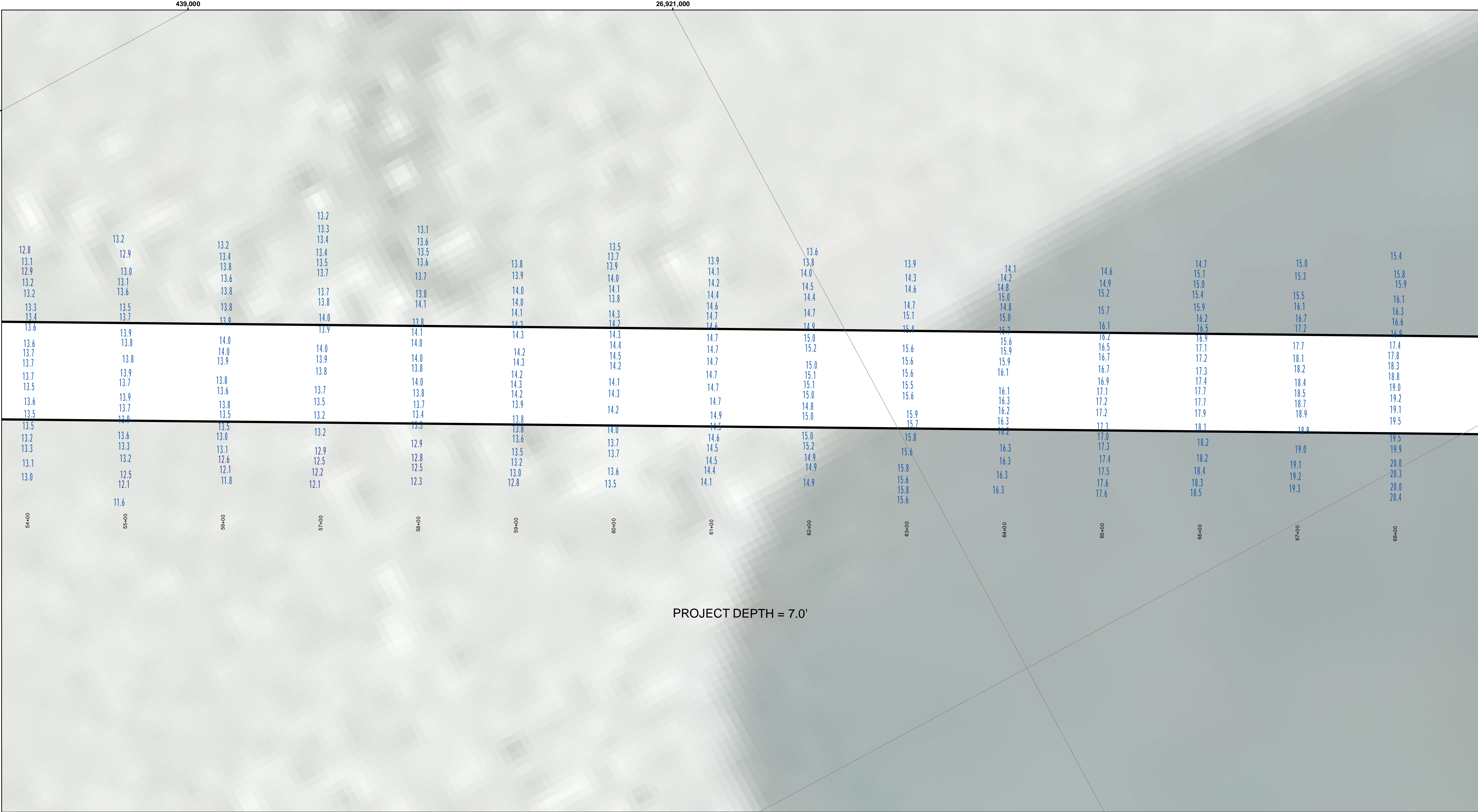
**DISCLAIMER:** The data presented in the results of data collection is for informational purposes only. The U.S. Army Corps of Engineers actively and continuously monitors the general existing conditions of the project area. The user is responsible for the results of any of the application of the data for other than its intended purpose.

**ACCESS CONSTRAINTS:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were provided. The recipient may not transfer these data to others without transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Chief, Technical Services	

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet  
Reference  
Number**  
**19 of 36**



**LEGEND**

- ..... Cable Submarine
- - Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

**NOTES:**

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

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS

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

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

**US Army Corps  
of Engineers**  
District: CELRE

The data is liability. The data represents the results of data collection and is not a guarantee of accuracy. The U.S. Army Corps of Engineers activity and indicates the general existing conditions. The user is responsible for the results of the application of the data for other than its intended purpose. The user is responsible for the results of the application of the data for other than its intended purpose.

DISCLAIMER: The United States Government (unlike these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, expressed, implied, or implied concerning the accuracy, completeness, or reliability of the data for any purpose of the recipient. The data is provided for informational purposes only and is not intended to be used for any purpose other than that for which it was provided. The recipient may not transfer these data to others without obtaining the permission of the Government.

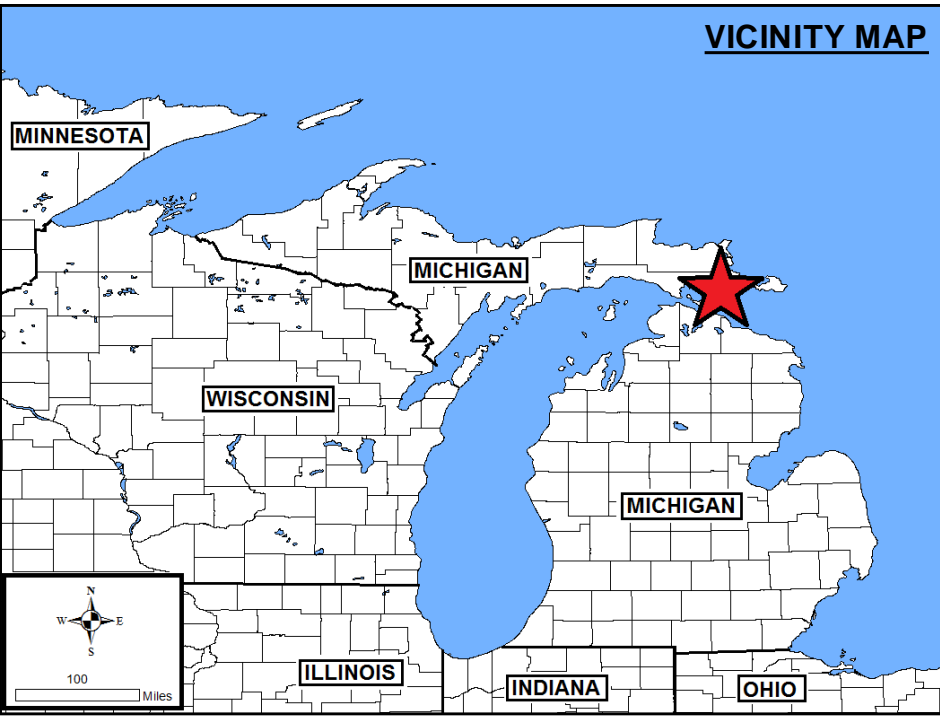
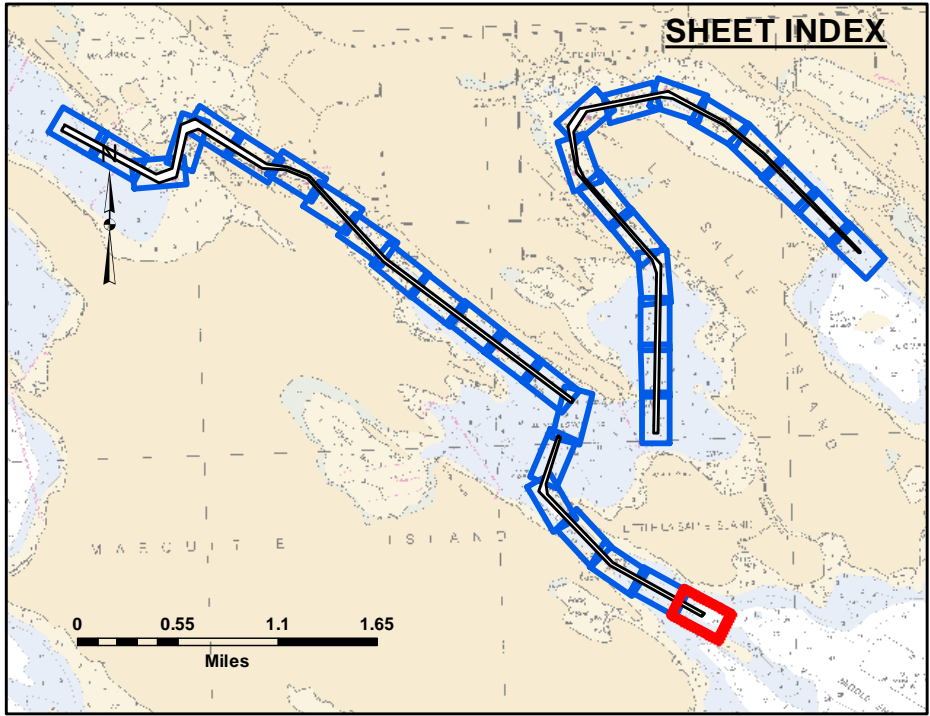
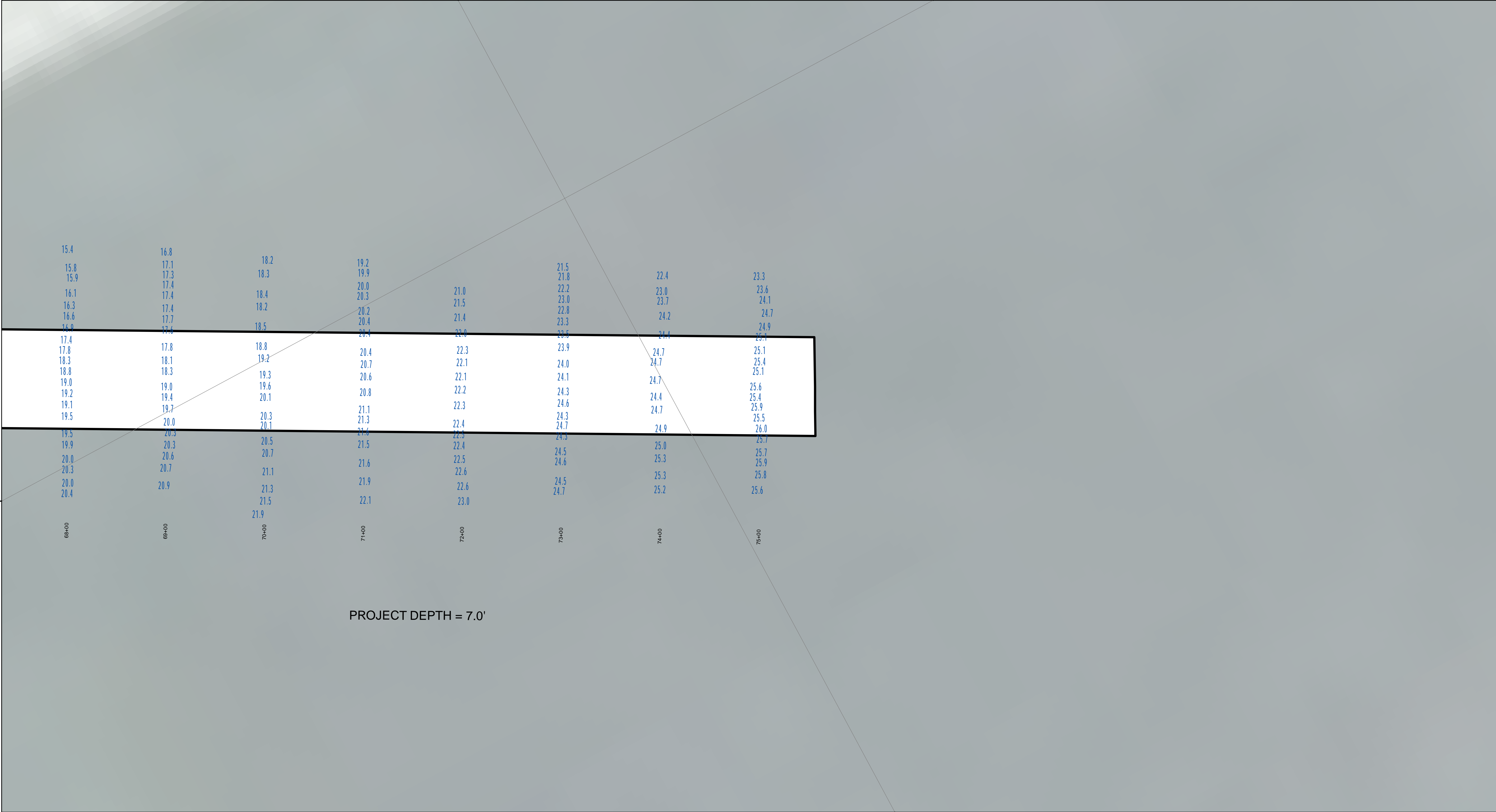
**U.S. ARMY CORPS OF ENGINEERS**  
DETROIT DISTRICT

Submitted:	Surveyed By:
Recommended:	Plotted By:
Approved:	Checked By:

Chief, Survey Section  
Chief, Technical Services

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet  
Reference  
Number**  
**20 of 36**



**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⌋ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

**NOTES:**

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

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS

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

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

Les Cheneaux Islands, MI  
Les Cheneaux Islands  
LS\_01\_CHX\_20230525\_CS  
25 May 2023

Sheet  
Reference  
Number  
21 of 36

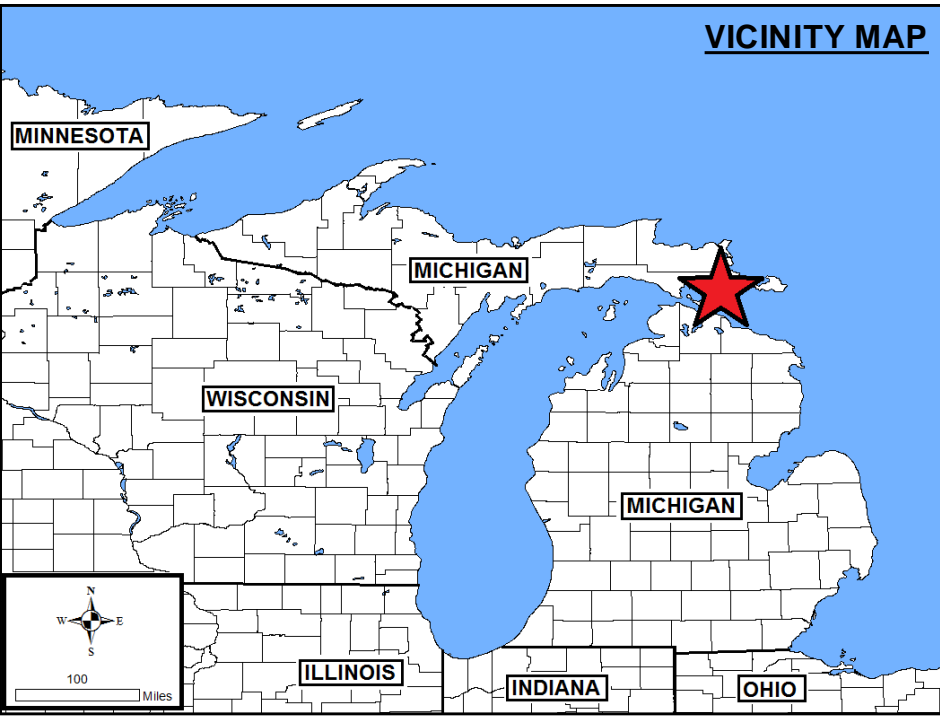
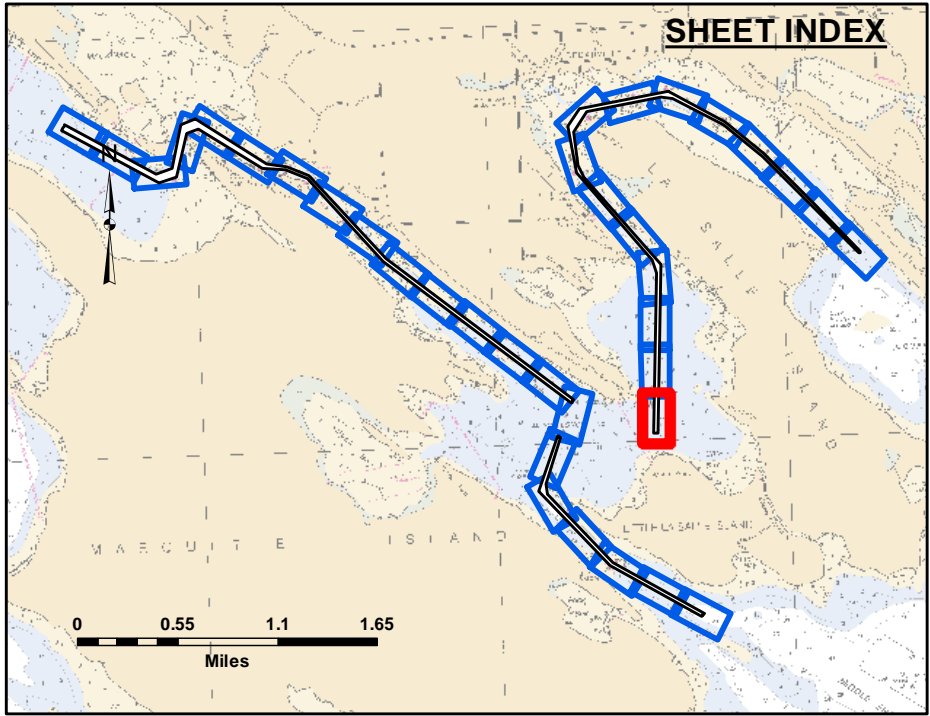
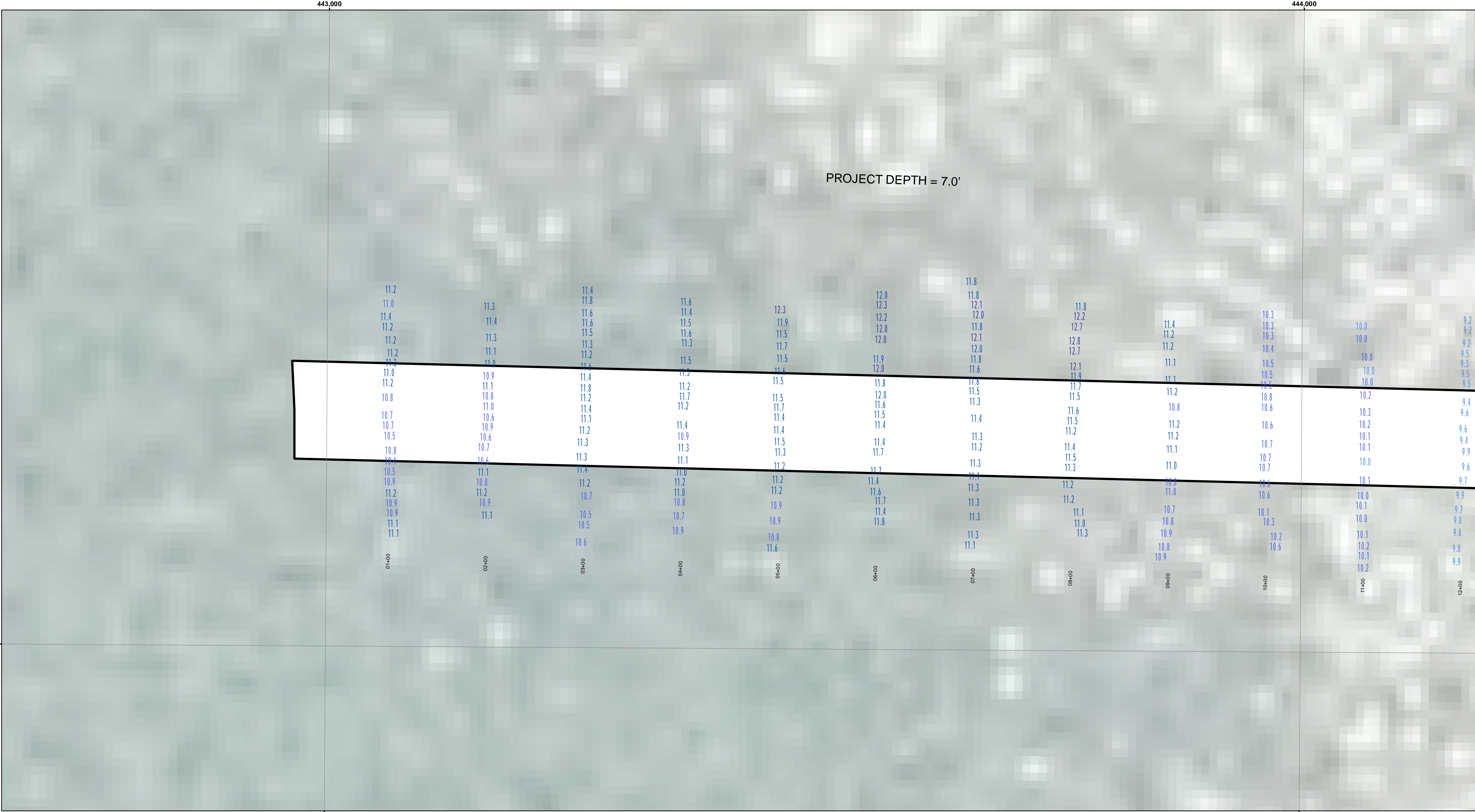
Revision Number:  
4.2-2023060420

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT	
Submitted: _____	Surveyed By: _____
Recommended: _____	Plotted By: _____
Approved: _____	Checked By: _____

**DISCLAIMER:** The data represents the results of data collection operations for a specific US Army Corps of Engineers activity and indicates the general existing conditions. The data is not intended to be used for any purpose other than the intended purpose. The user is responsible for the results of any of the application of the data for other than its intended purpose.

**ACCESS LIMITS:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data is not to be used for any purpose other than the intended purpose. The data is not to be used for any purpose other than the intended purpose. The data is not to be used for any purpose other than the intended purpose.





**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⌋ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

**NOTES:** 1.THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING A TELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS

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

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

  
**US Army Corps  
of Engineers**  
District: CELRE

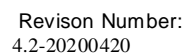
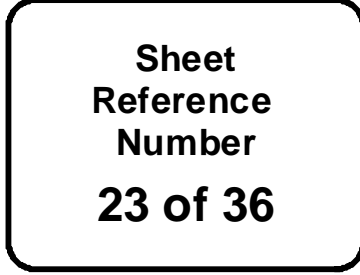
**DISCLAIMER:** The data represents the results of data collection, processing, or analysis performed by the U.S. Army Corps of Engineers. The data is provided for informational purposes only and is not intended for use in any legal proceeding. The user is responsible for the results of any application of the data for other than its intended purpose.

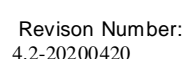
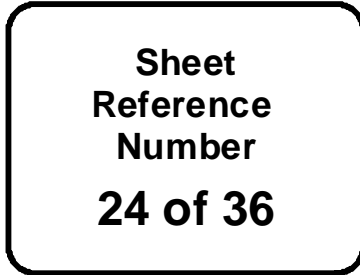
**DISCLAIMER:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data is provided for informational purposes only and is not intended for use in any legal proceeding. The user is responsible for the results of any application of the data for other than its intended purpose.

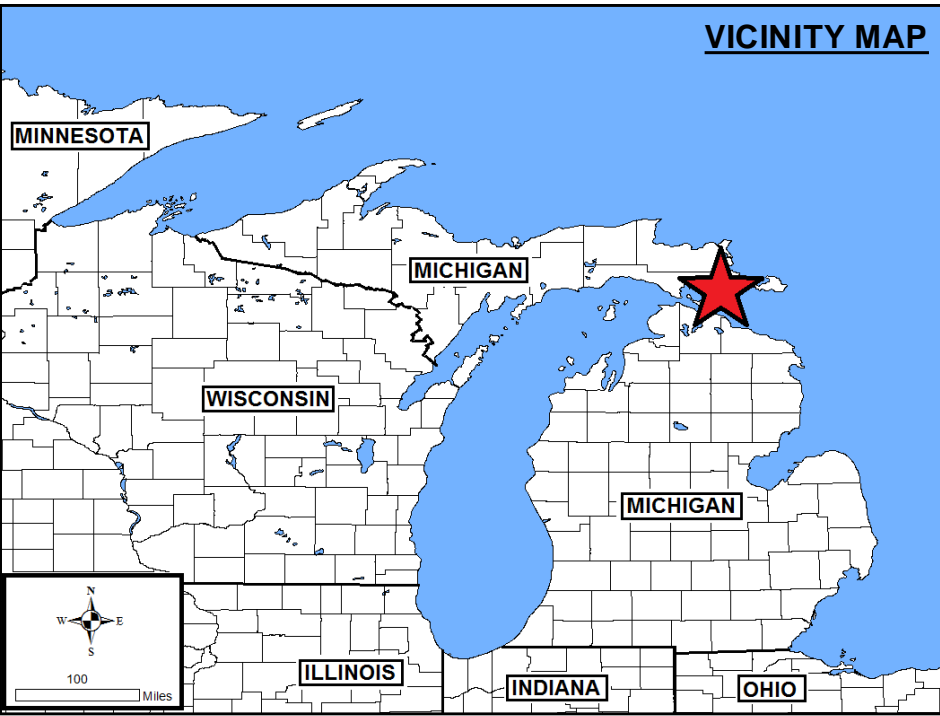
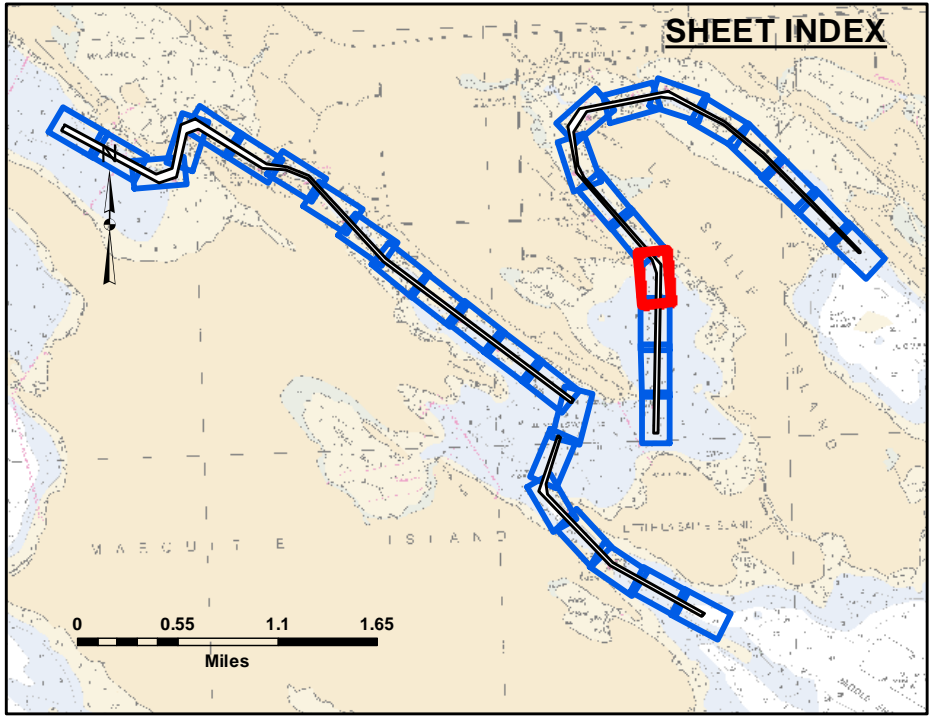
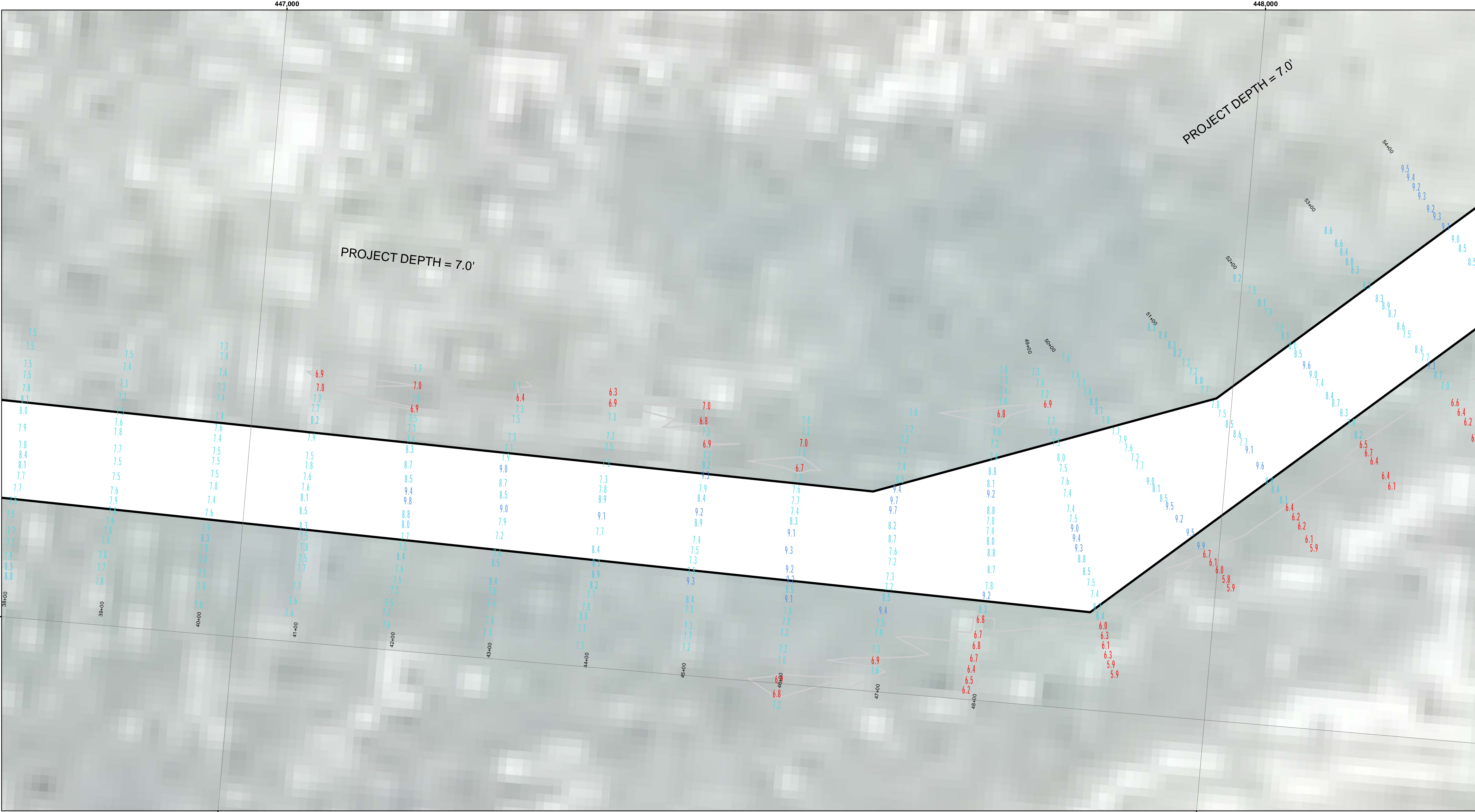
U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Chief, Technical Services	

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet  
Reference  
Number**  
**22 of 36**







**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⌋ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

**NOTES:**

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

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING A TELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS

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

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

Les Cheneaux Islands, MI  
Les Cheneaux Islands  
LS\_01\_CHX\_20230525\_CS  
25 May 2023

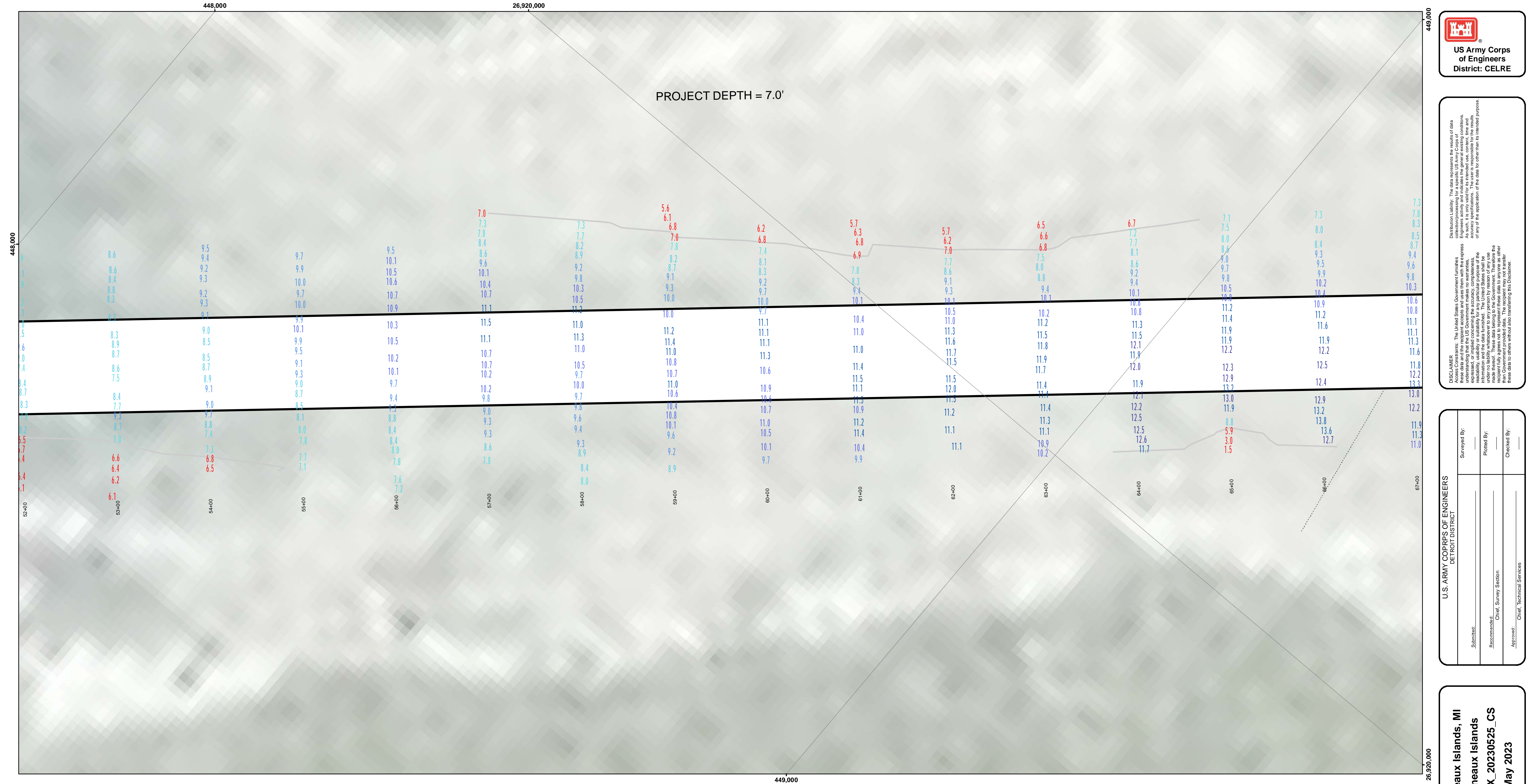
Sheet  
Reference  
Number  
25 of 36

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT			
Submitted:		Surveyed By:	
Recommended:		Plotted By:	
Approved:		Chief, Survey Section	
		Chief, Technical Services	
		Checked By:	

**DISCLAIMER:** The data presented in the results of data collection is for informational purposes only. The U.S. Army Corps of Engineers does not warrant the accuracy, completeness, or reliability of the data. The user is responsible for the results of any application of the data for other than its intended purpose.

**ACCESS RESTRICTIONS:** The United States Government (unlike these data and the recipient accepts and uses them with the express understanding that the data are not to be distributed, reproduced, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the recipient. These data are not to be used for any purpose other than that for which they were provided. The recipient may not transfer these data to others without transferring this Disclaimer.



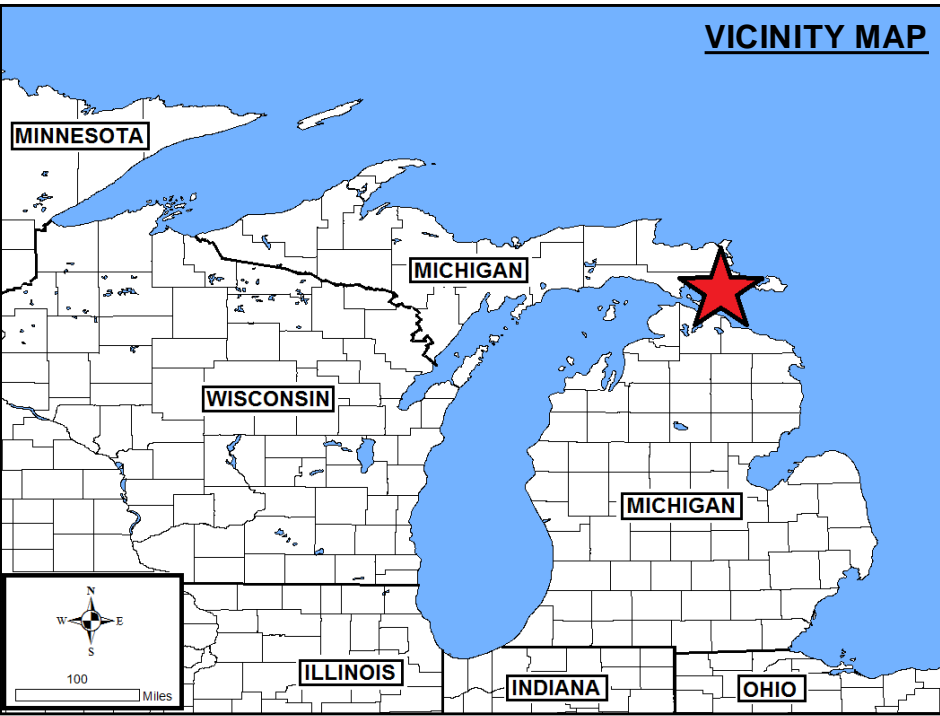
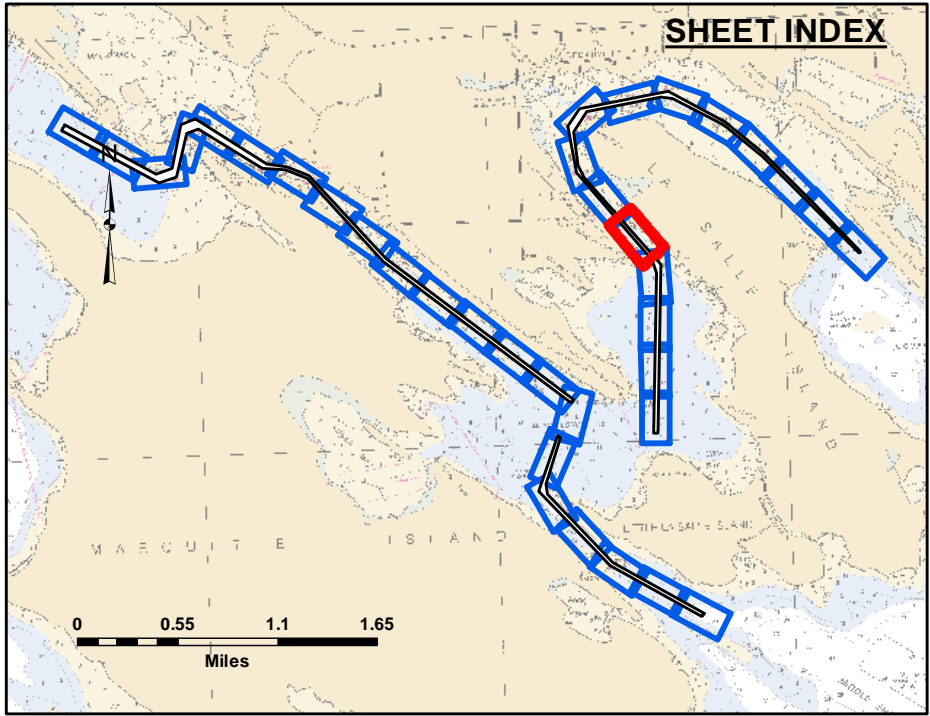


DISCLAIMER: The data presented in the results of data collection is for informational purposes only. The data is not intended for use in any legal proceeding or for any other purpose. The data is not intended to be used as a substitute for professional engineering or other expert advice. The data is not intended to be used as a basis for any decision-making process. The data is not intended to be used as a basis for any legal proceeding or for any other purpose. The data is not intended to be used as a substitute for professional engineering or other expert advice. The data is not intended to be used as a basis for any decision-making process.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Chief, Technical Services	

Les Cheneaux Islands, MI  
Les Cheneaux Islands  
LS\_01\_CHX\_20230525\_CS  
25 May 2023

Sheet  
Reference  
Number  
26 of 36



**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⌋ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

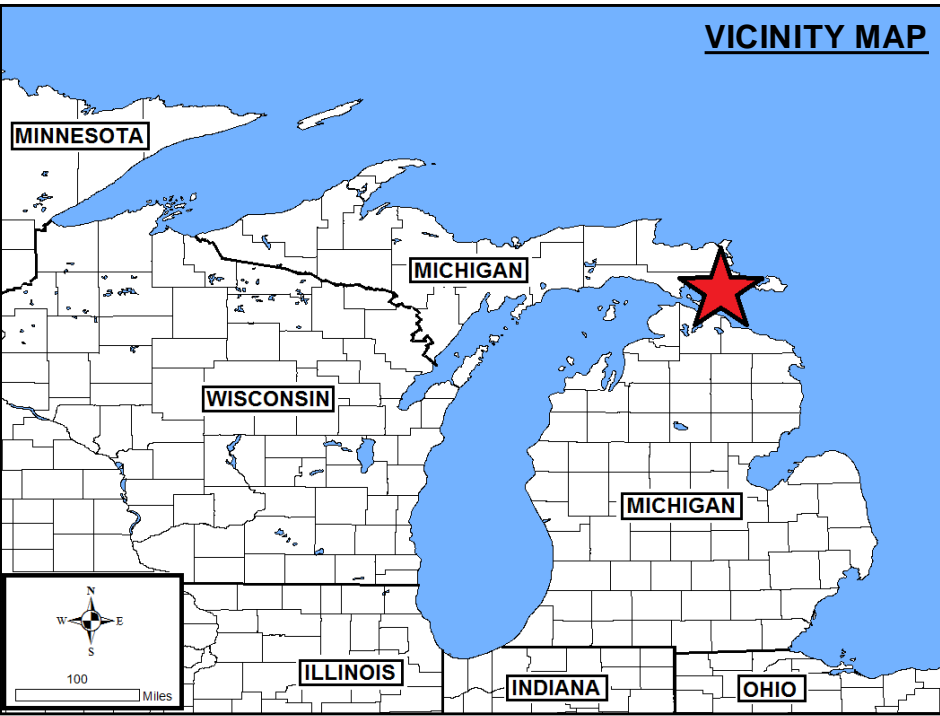
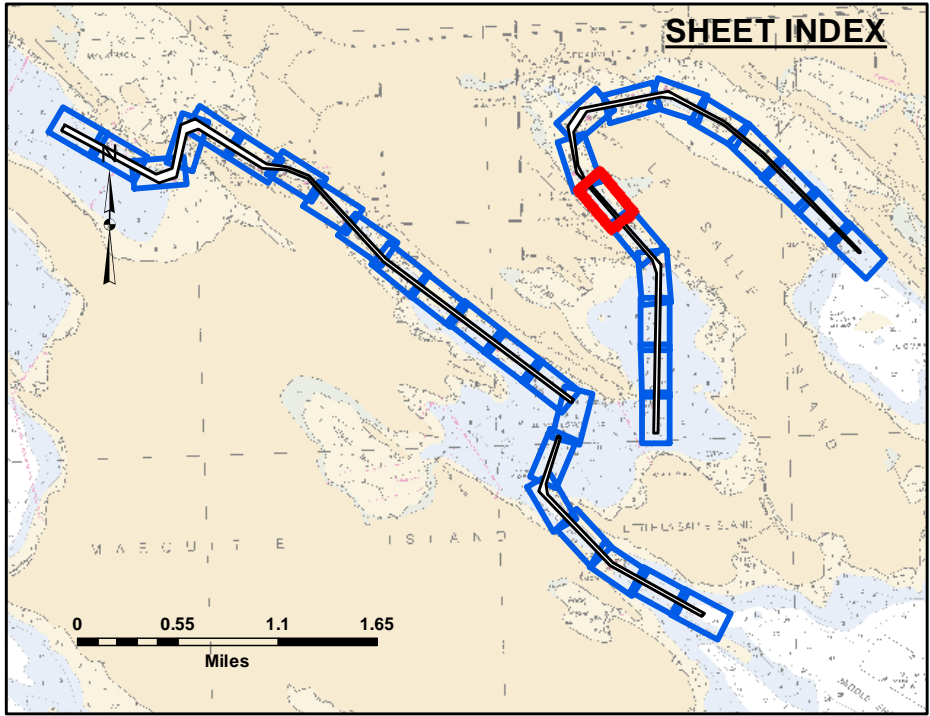
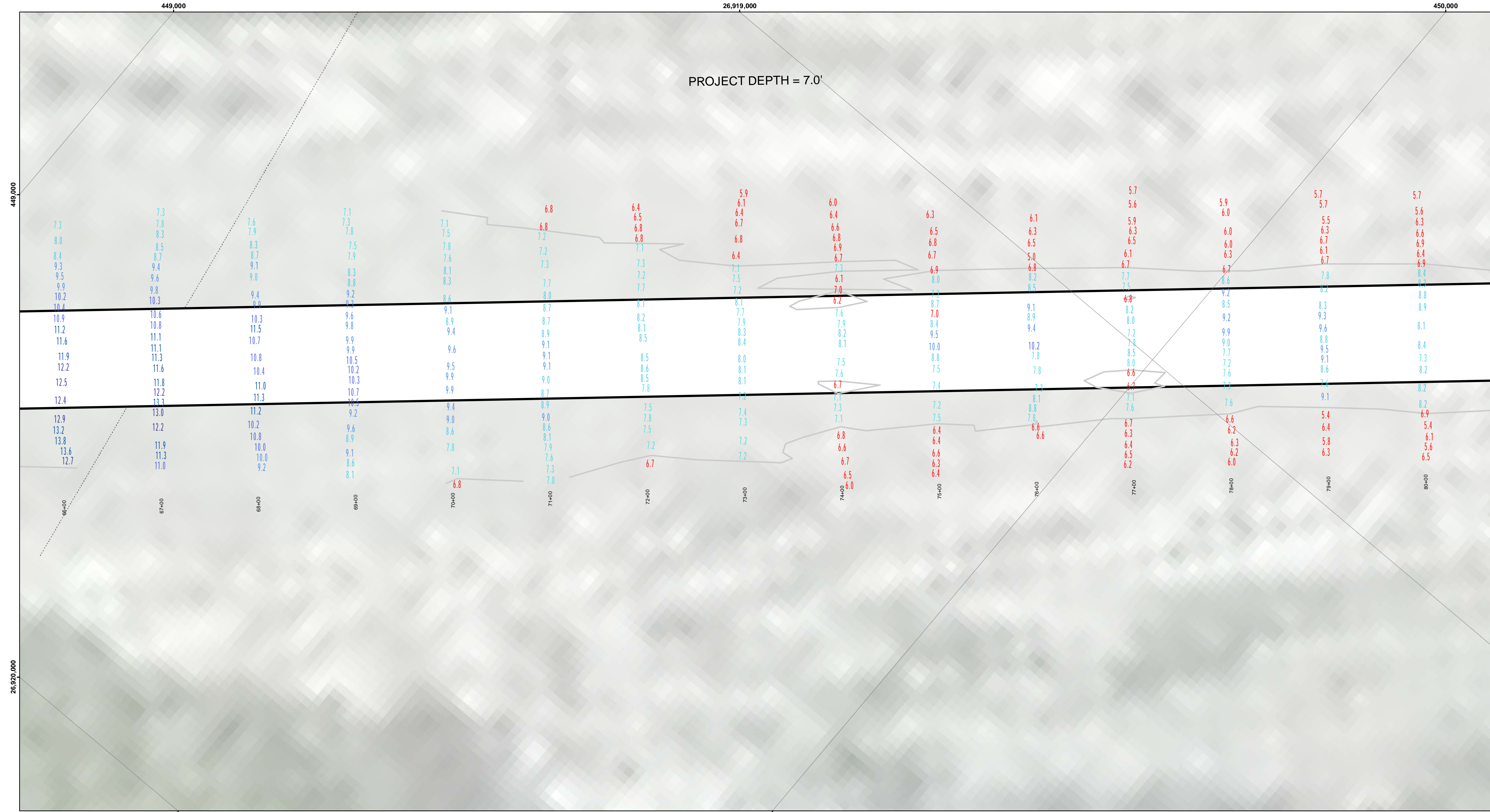
- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

NOTES: 1.THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.  
2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.  
3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.  
4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS  
5.GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111). NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.  
6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.  
Imagery Source: ESRI



**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

**1 inch = 50 feet**

Feet

0 50 100 150 200 250

**NOTES:**

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

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS

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

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

**US Army Corps of Engineers**  
District: CELRE

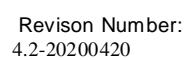
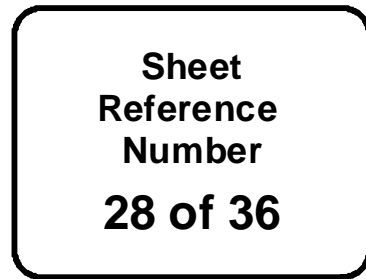
**DISCLAIMER:** The data presented in the results of data collection is for informational purposes only. The U.S. Army Corps of Engineers does not warrant the accuracy, completeness, or reliability of the data. The user is responsible for the results of any application of the data for other than its intended purpose.

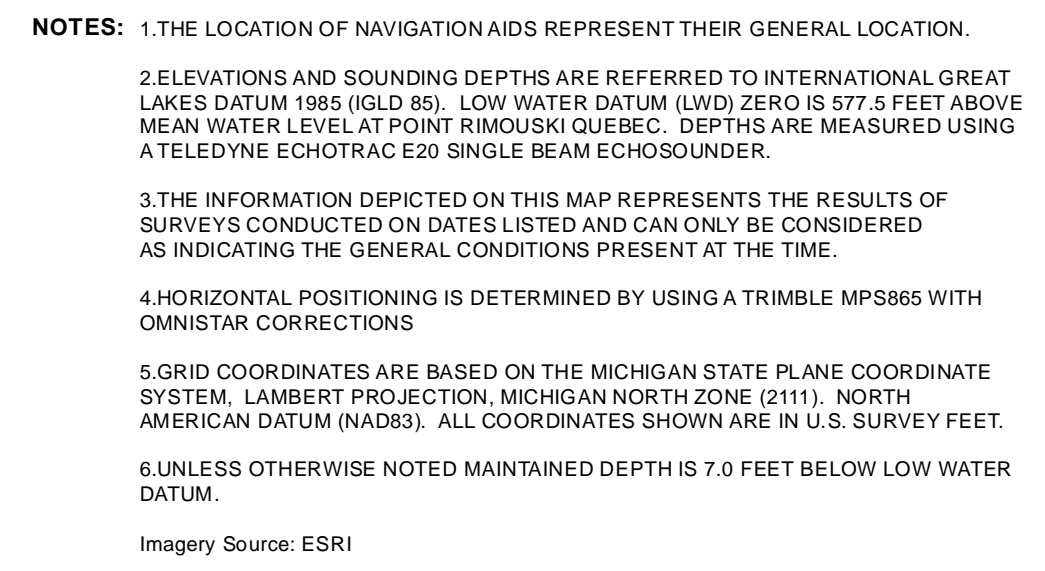
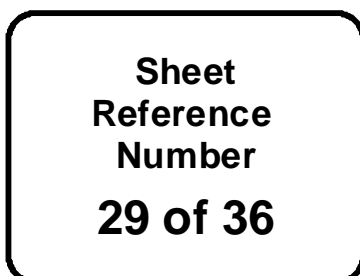
**ACCESS RESTRICTIONS:** The United States Government (unlike these data and the recipient accepts and uses them with the express understanding that the data are not to be distributed, reproduced, expressed, or implied concerning the accuracy, completeness, or reliability of the data for any particular purpose of the recipient. The data are provided to the recipient under a license that requires the recipient to maintain the data in confidence and to not release them to others without the prior written consent of the U.S. Army Corps of Engineers. The recipient may not transfer these data to others without transferring this Disclaimer.

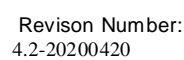
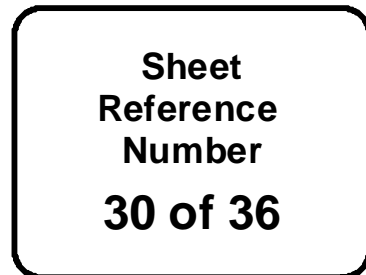
U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT	
Submitted: _____	Surveyed By: _____
Recommended: _____	Plotted By: _____
Approved: _____	Checked By: _____

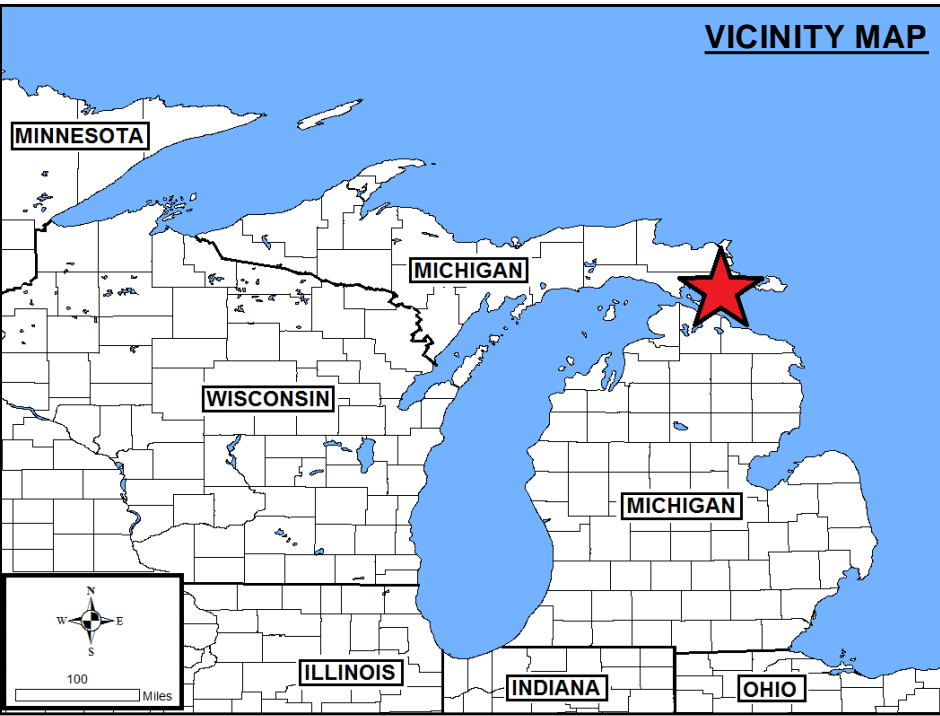
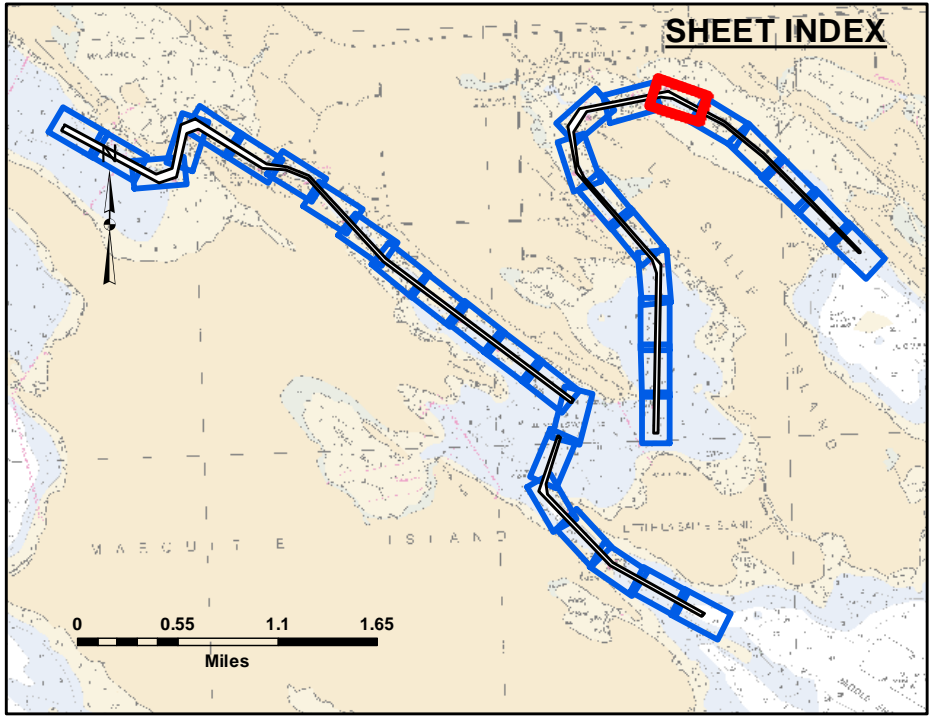
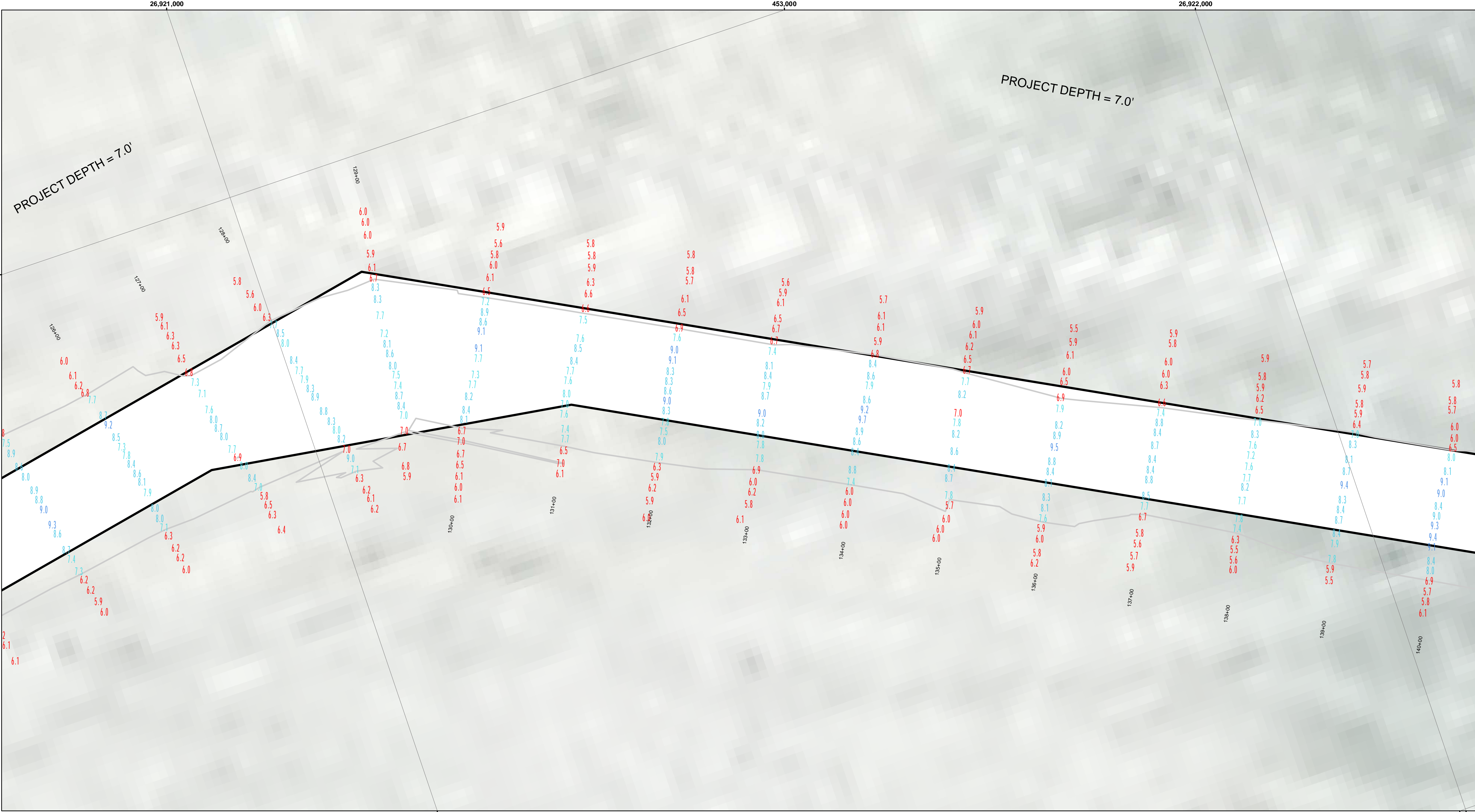
**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet Reference Number**  
**27 of 36**









**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

**NOTES:**

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

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS

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

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

Les Cheneaux Islands, MI  
Les Cheneaux Islands  
LS\_01\_CHX\_20230525\_CS  
25 May 2023

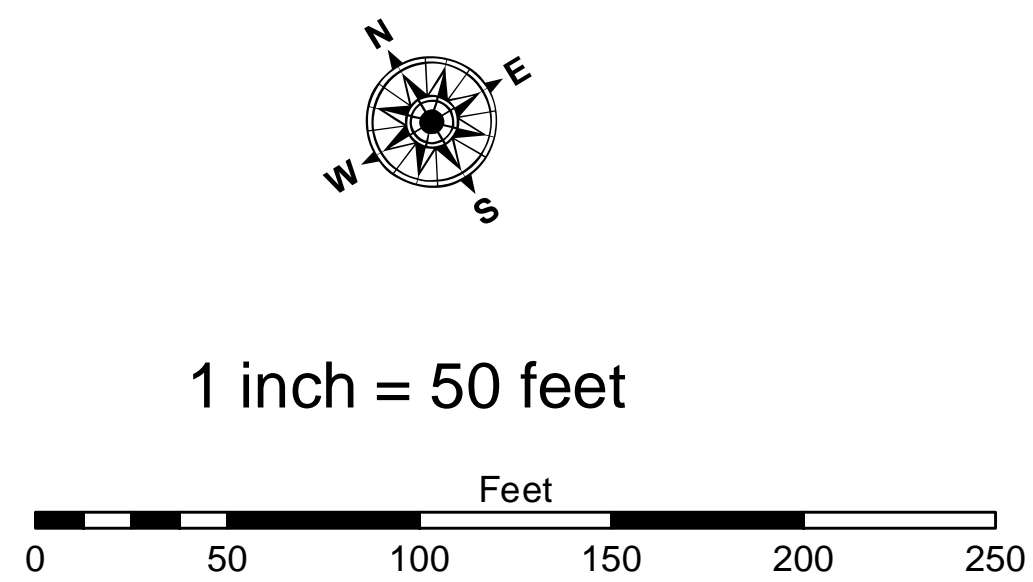
Sheet  
Reference  
Number  
31 of 36

**US Army Corps  
of Engineers**  
District: CELRE

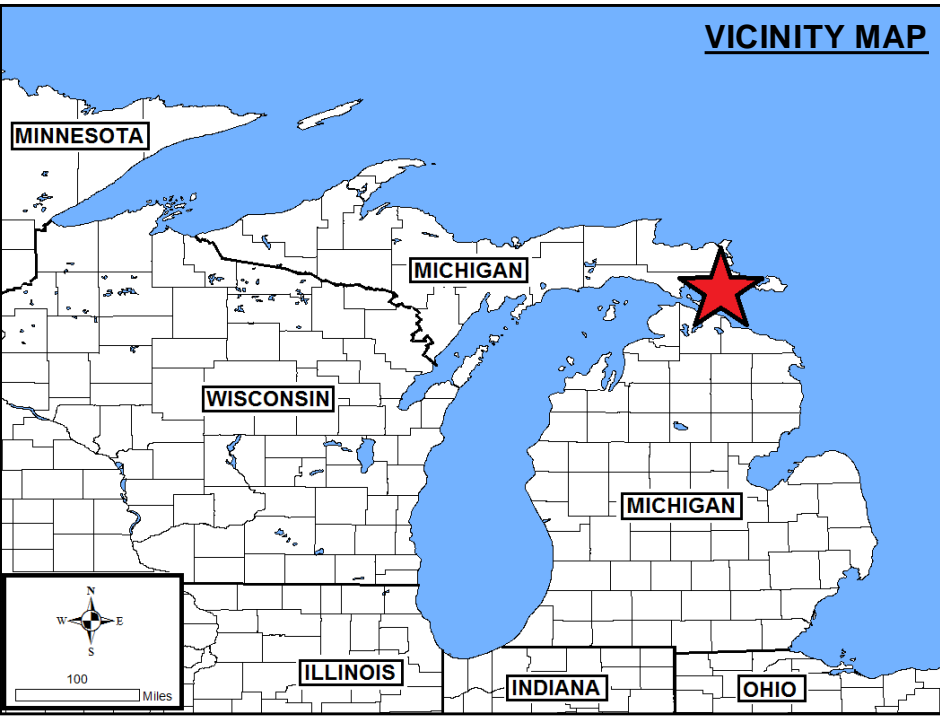
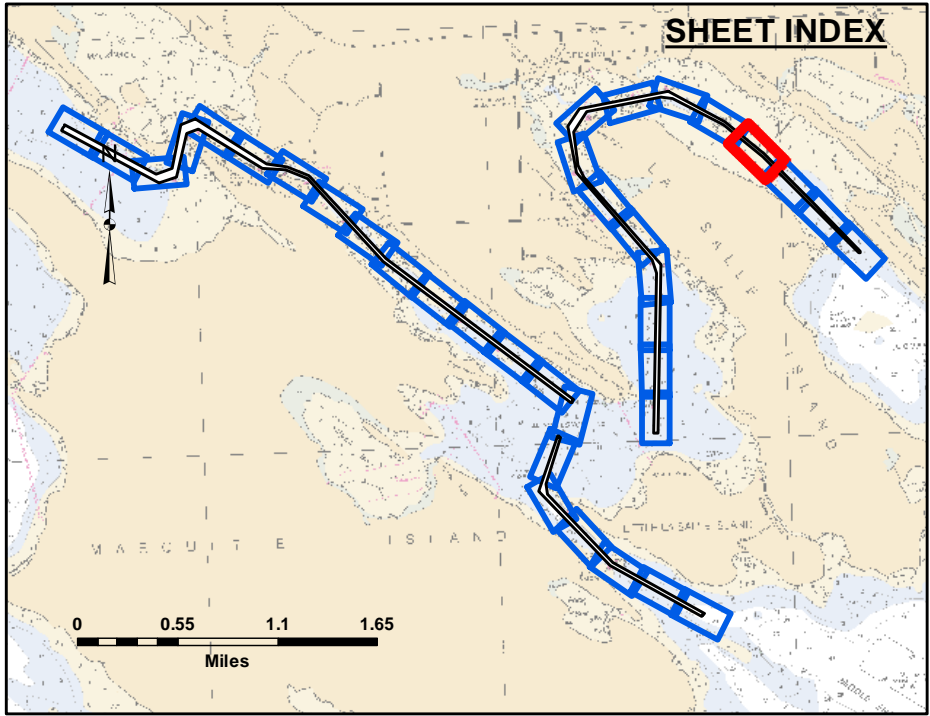
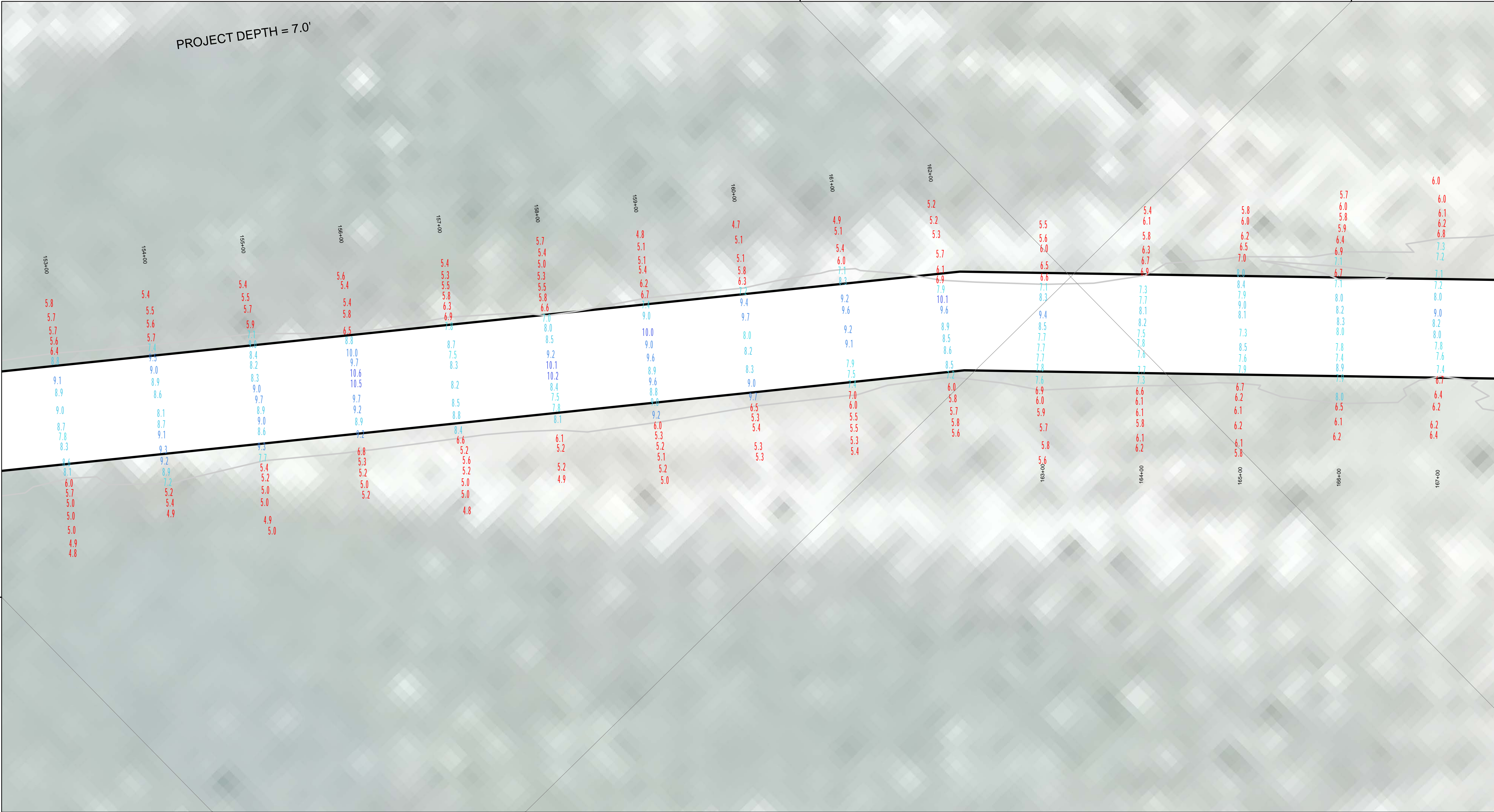
**DISCLAIMER:** The data represents the results of data collection conducted for a specific US Army Corps of Engineers activity and indicates the general existing conditions. The data is not intended to be used for any other purpose, accuracy, or specifications. The user is responsible for the results of any of the application of the data for other than its intended purpose.

**ACCESS LIMITATIONS:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data is not to be used for any other purpose, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the recipient. The data is not to be used for any other purpose, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the recipient. These data belong to the Government. Therefore the recipient may not transfer these data to others without transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Chief, Survey Section	
	Chief, Technical Services	



Sheet  
Reference  
Number  
**32 of 36**



**LEGEND**

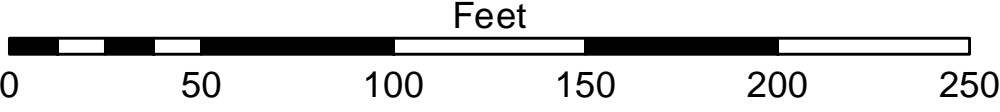
- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⌋ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'



1 inch = 50 feet



- NOTES:**
- 1.THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.
  - 2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.
  - 3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
  - 4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS
  - 5.GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111). NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
  - 6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.
- Imagery Source: ESRI

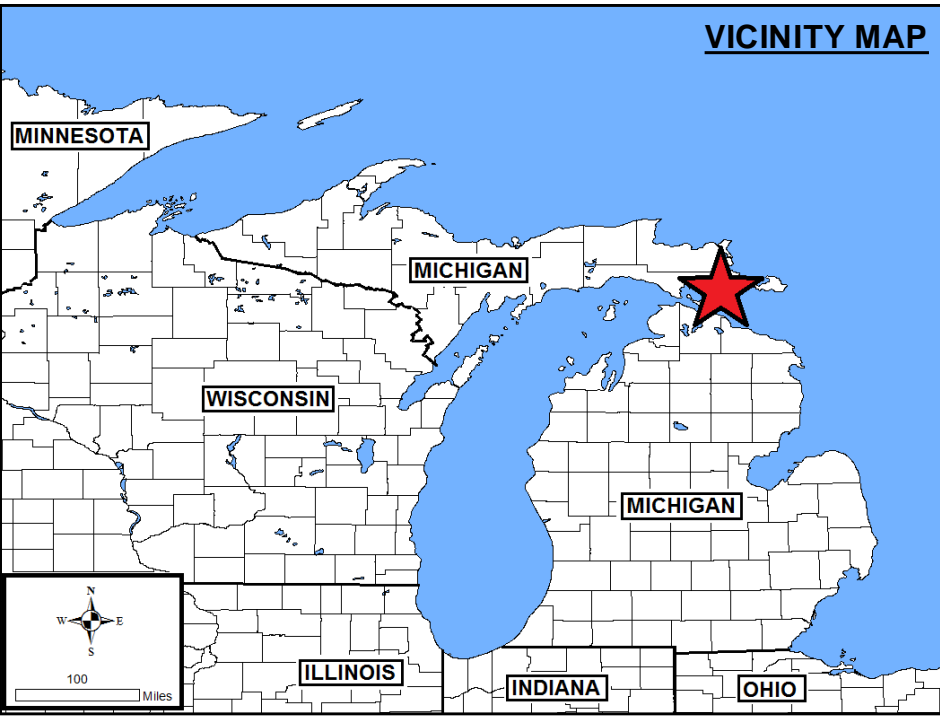
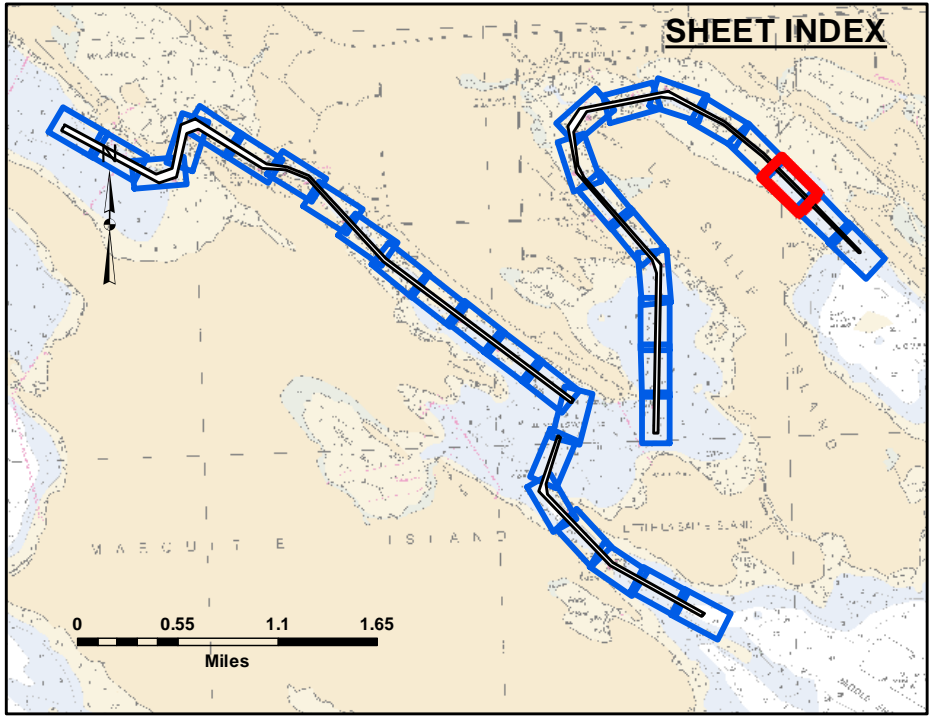
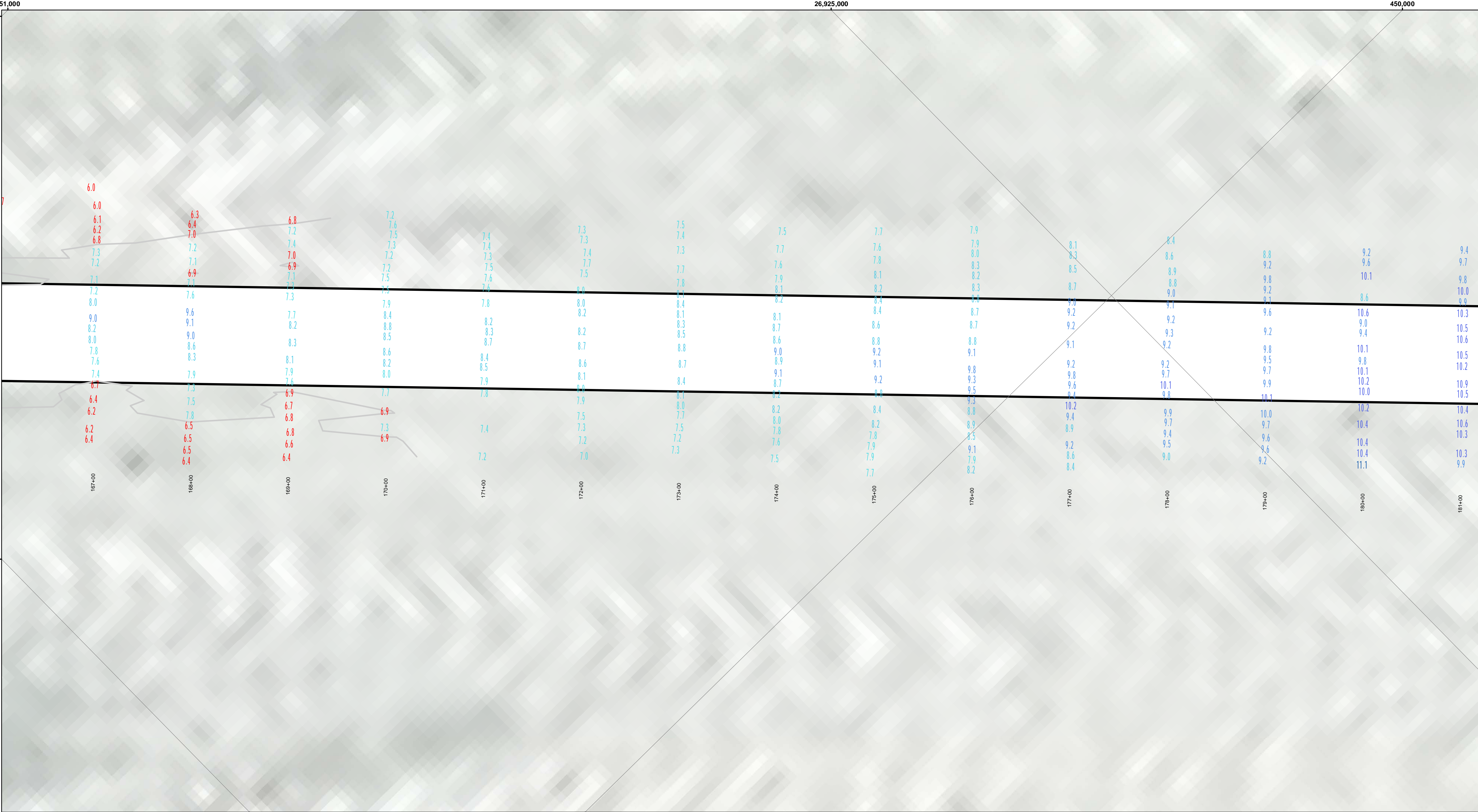
  
**US Army Corps  
of Engineers**  
District: CELRE

DISCLAIMER: The data represents the results of data collection and is not a guarantee of accuracy. The data is provided for informational purposes only. The user is responsible for the results of any application of the data for other than its intended purpose. The data is not to be used for navigation or other purposes. The user is responsible for the results of any application of the data for other than its intended purpose. The data is not to be used for navigation or other purposes. The user is responsible for the results of any application of the data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT	
Submitted: _____	Surveyed By: _____
Recommended: _____	Plotted By: _____
Approved: _____	Checked By: _____

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet  
Reference  
Number**  
**33 of 36**



**LEGEND**

- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⌋ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

**1 inch = 50 feet**

Feet

0 50 100 150 200 250



**NOTES:**

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

2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.

3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS

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

6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.

Imagery Source: ESRI

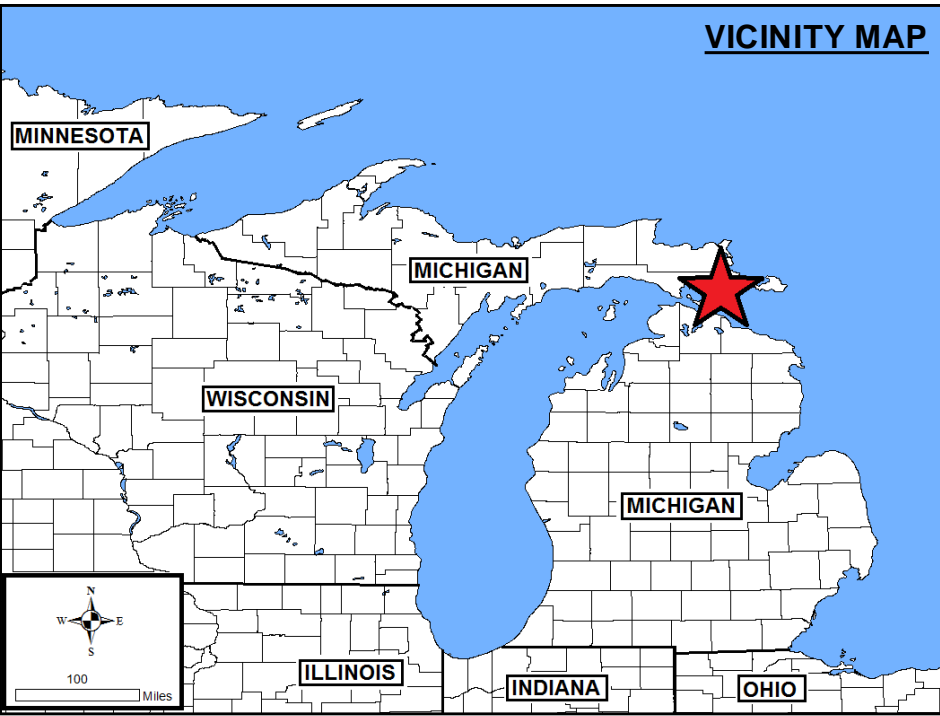
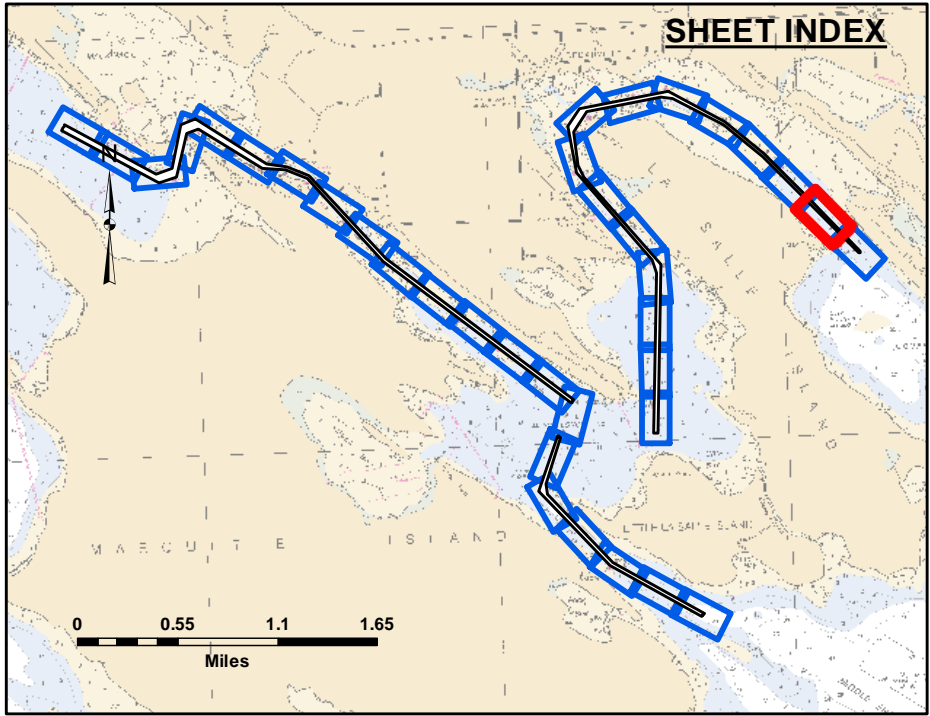
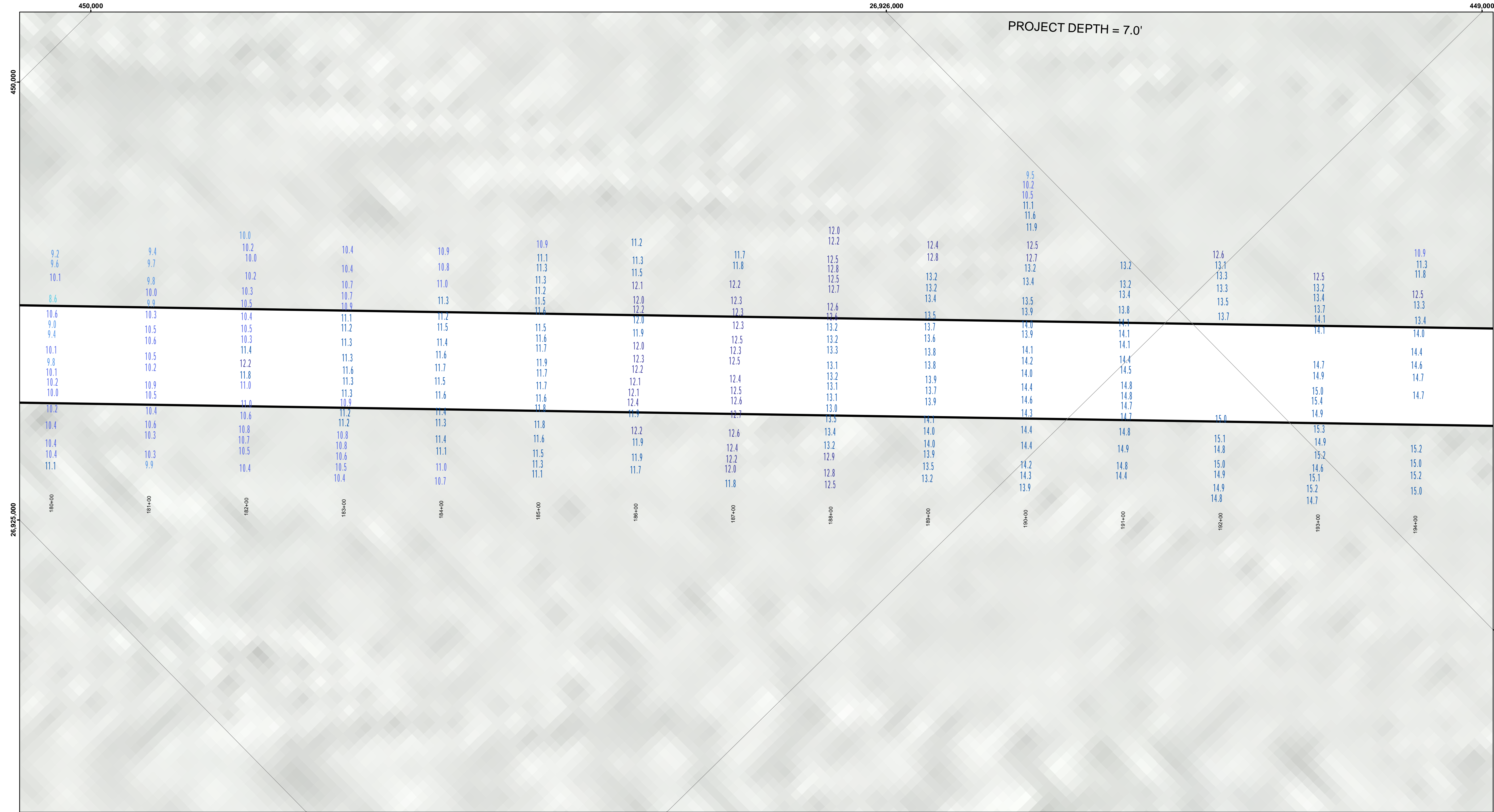
  
**US Army Corps  
of Engineers**  
District: CELRE

**DISCLAIMER:** The data represents the results of data collection and is not intended for use in any other manner than that for which it was collected. The data is not intended for use in any other manner than that for which it was collected. The data is not intended for use in any other manner than that for which it was collected. The data is not intended for use in any other manner than that for which it was collected.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT	
Submitted: _____	Surveyed By: _____
Recommended: _____	Plotted By: _____
Approved: _____	Checked By: _____

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet  
Reference  
Number**  
**34 of 36**



**LEGEND**

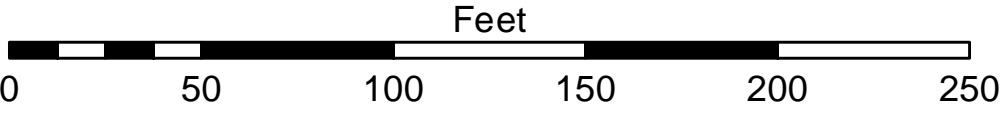
- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'



1 inch = 50 feet



- NOTES:**
- 1.THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.
  - 2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.
  - 3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
  - 4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS
  - 5.GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111). NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
  - 6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.
- Imagery Source: ESRI

  
**US Army Corps  
of Engineers**  
District: CELRE

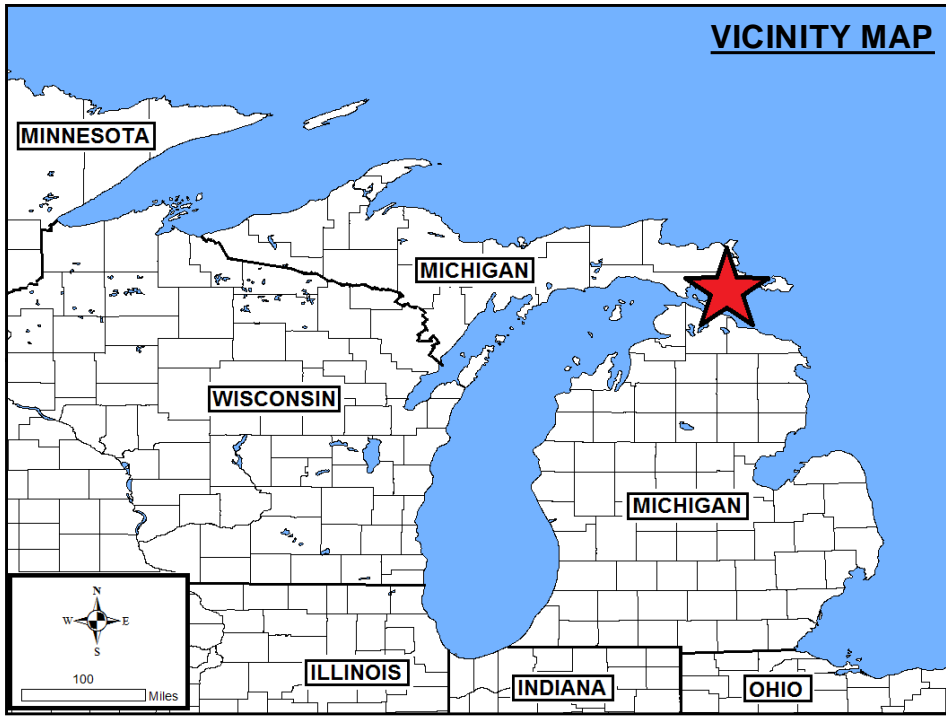
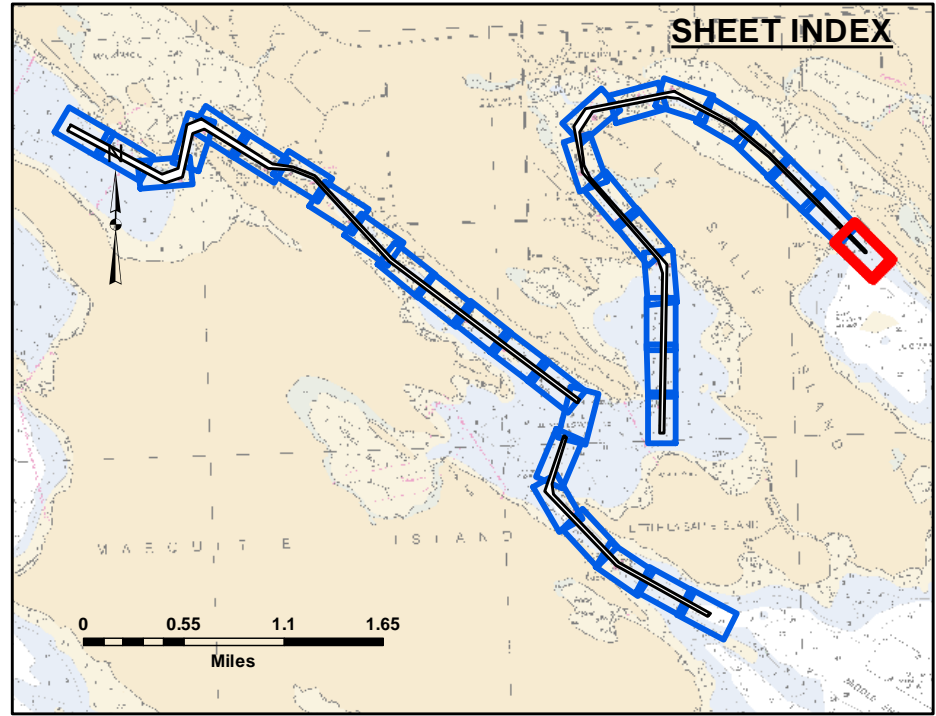
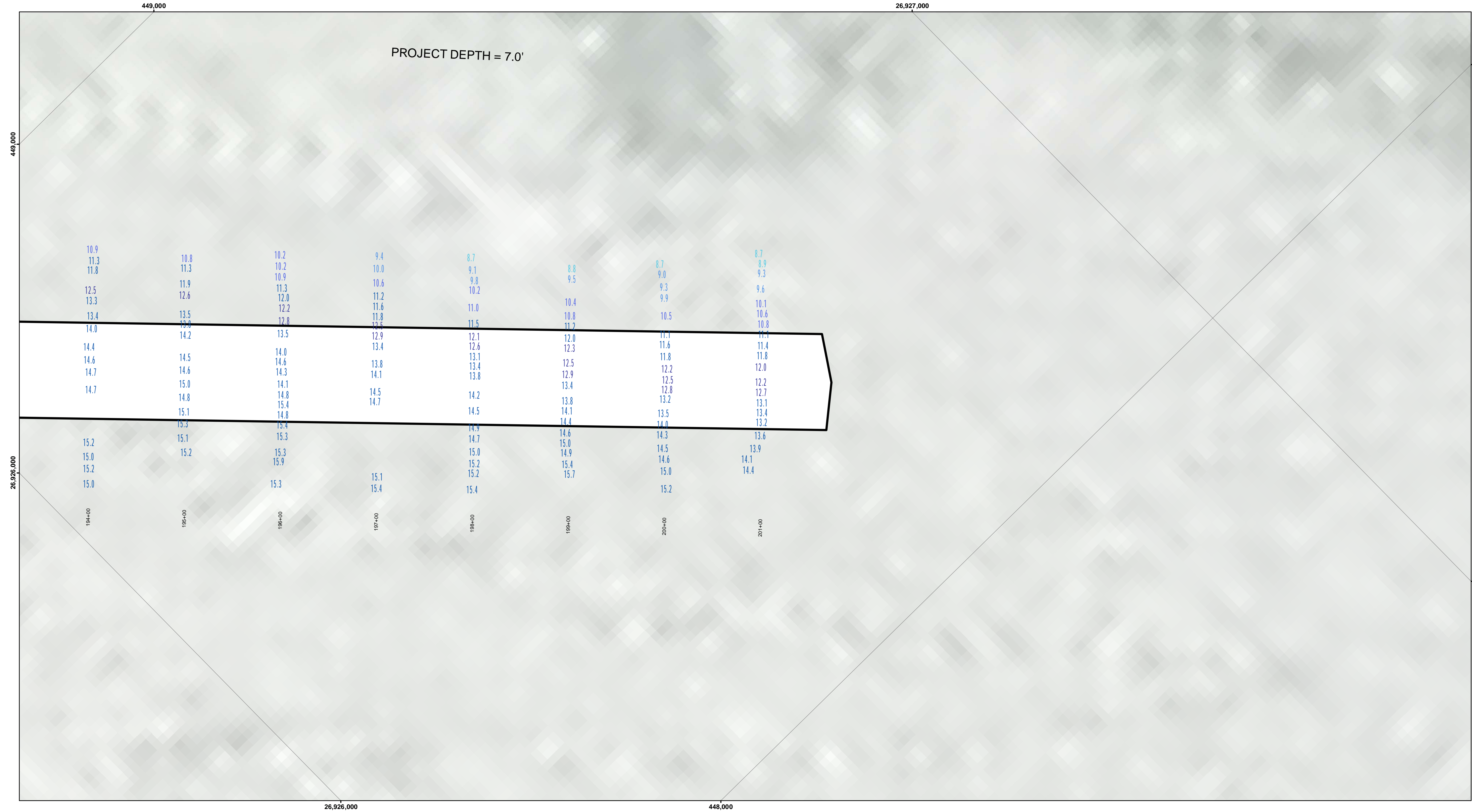
The data is liability. The data represents the results of data collection, processing, and analysis for a specific US Army Corps of Engineers activity and indicates the general existing conditions. The data is not intended to be used for any other purpose, accuracy, specifications. The user is responsible for the results of any of the application of the data for other than its intended purpose.

**DISCLAIMER:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data is not intended to be used for any other purpose, accuracy, specifications, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the recipient. The data is provided as a service to the recipient and is not intended to be used for any other purpose. The recipient may not transfer these data to others without transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT	
Submitted: _____	Surveyed By: _____
Recommended: _____	Plotted By: _____
Approved: _____	Checked By: _____

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20230525\_CS**  
**25 May 2023**

**Sheet  
Reference  
Number**  
**35 of 36**



**LEGEND**

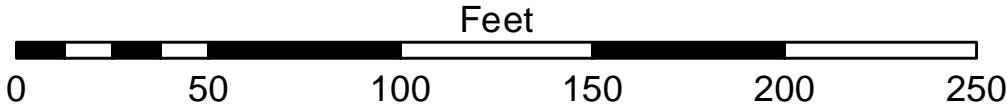
- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'



1 inch = 50 feet



- NOTES:**
- 1.THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.
  - 2.ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING ATELEDYNE ECHOTRAC E20 SINGLE BEAM ECHOSOUNDER.
  - 3.THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON DATES LISTED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
  - 4.HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE MPS865 WITH OMNISTAR CORRECTIONS
  - 5.GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN NORTH ZONE (2111). NORTH AMERICAN DATUM (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
  - 6.UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.
- Imagery Source: ESRI



**DISCLAIMER:** The data represents the results of data collection and is not intended for use in any other manner than that for which it was collected. The user is responsible for the results of any application of the data for other than its intended purpose. The data is not intended for use in any other manner than that for which it was collected. The user is responsible for the results of any application of the data for other than its intended purpose.

**ACCESS:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any other purpose, expressed or implied, without the express written consent of the United States Government. The recipient may not transfer these data to others without transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT	
Submitted: _____	Surveyed By: _____
Recommended: _____	Plotted By: _____
Approved: _____	Checked By: _____

Les Cheneaux Islands, MI  
Les Cheneaux Islands  
LS\_01\_CHX\_20230525\_CS  
25 May 2023

Sheet  
Reference  
Number  
36 of 36