

**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 SPS461 SUB-METER DGPS RECEIVER.

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 any of the application of the data for other than its intended purpose.

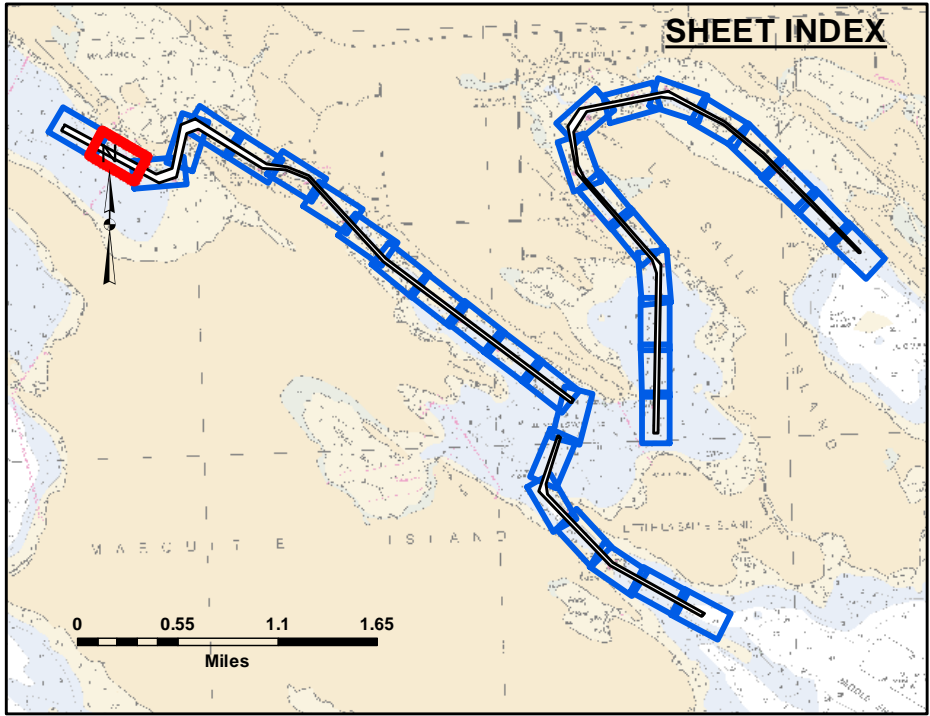
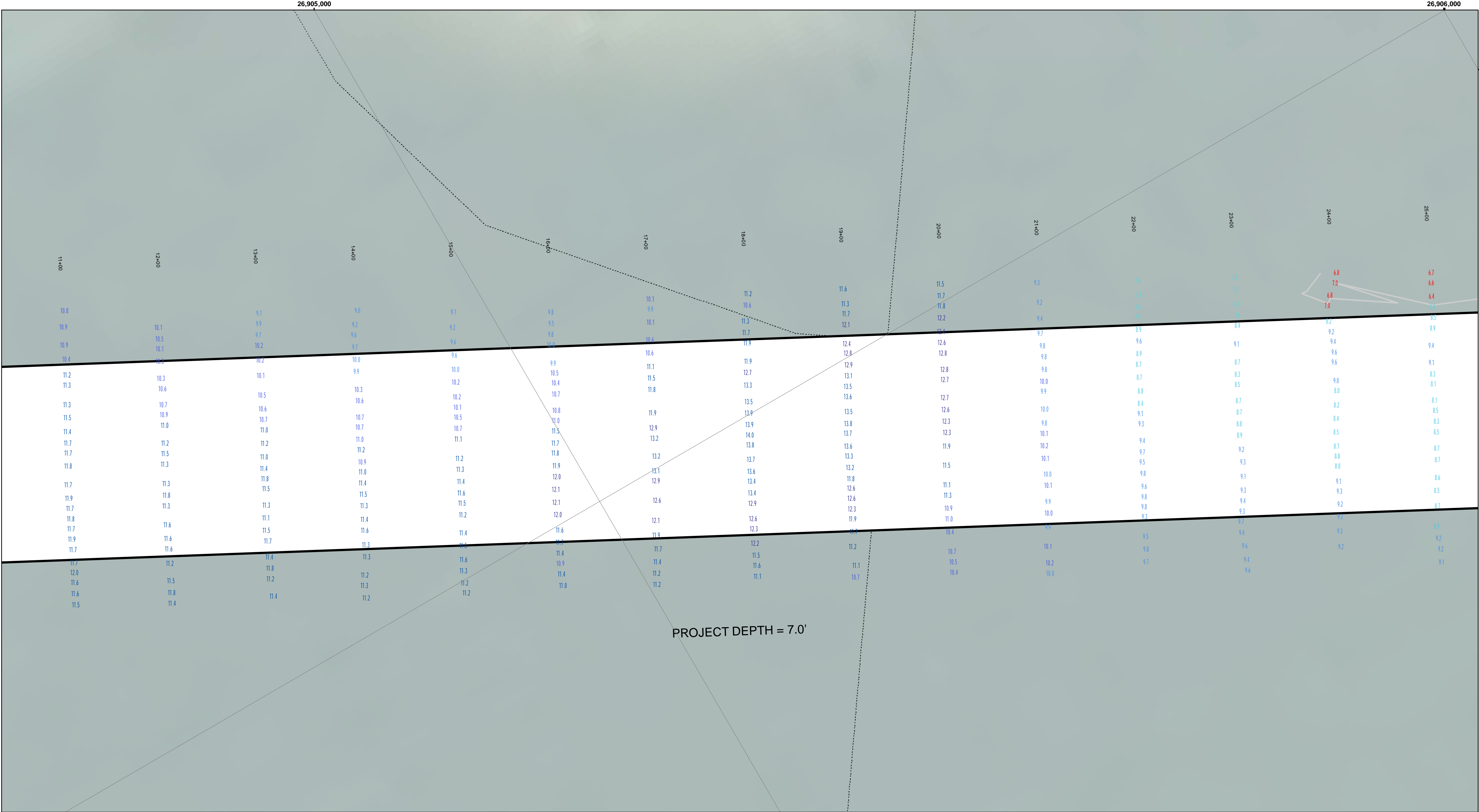
DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not a guarantee of accuracy, completeness, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular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

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

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20210602\_CS**  
**02 June 2021**

**Sheet  
Reference  
Number**  
**1 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 ATELEBYNE 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 SPS461 SUB-METER DGPS RECEIVER.

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 based on the results of data collection, processing, and analysis. 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.

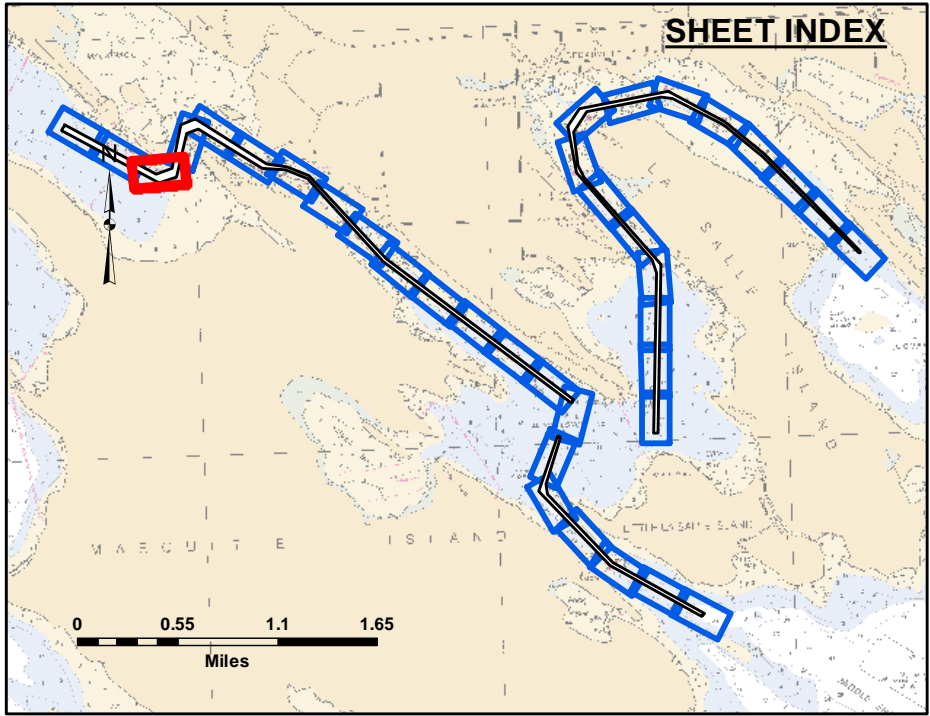
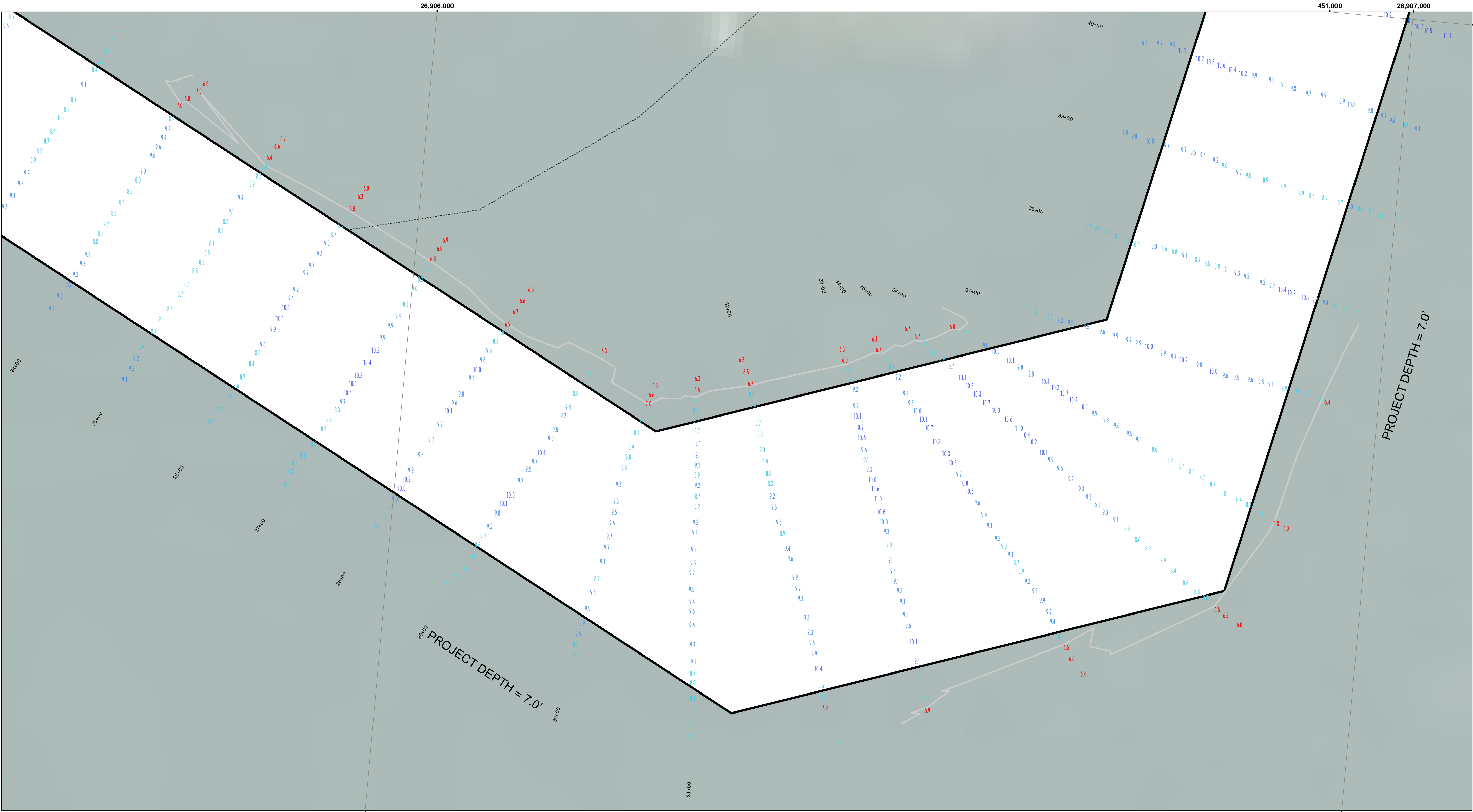
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be distributed, reproduced, or used in any manner that would imply endorsement, approval, or implied warranty of accuracy, completeness, or reliability for any particular purpose of the recipient. The data are provided "as is" and the recipient is under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient is prohibited from making any copies or reproductions of these data for distribution 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\_20210602\_CS**  
**02 June 2021**

**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 SPS461 SUB-METER DGPS RECEIVER.

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

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

Les Cheneaux Islands, MI

Les Cheneaux Islands

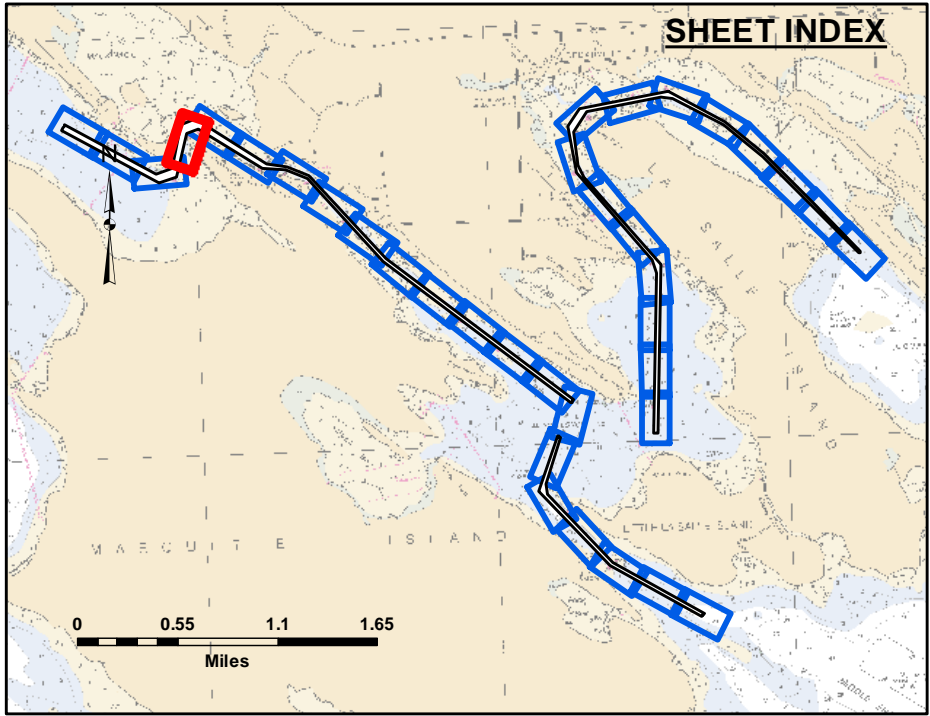
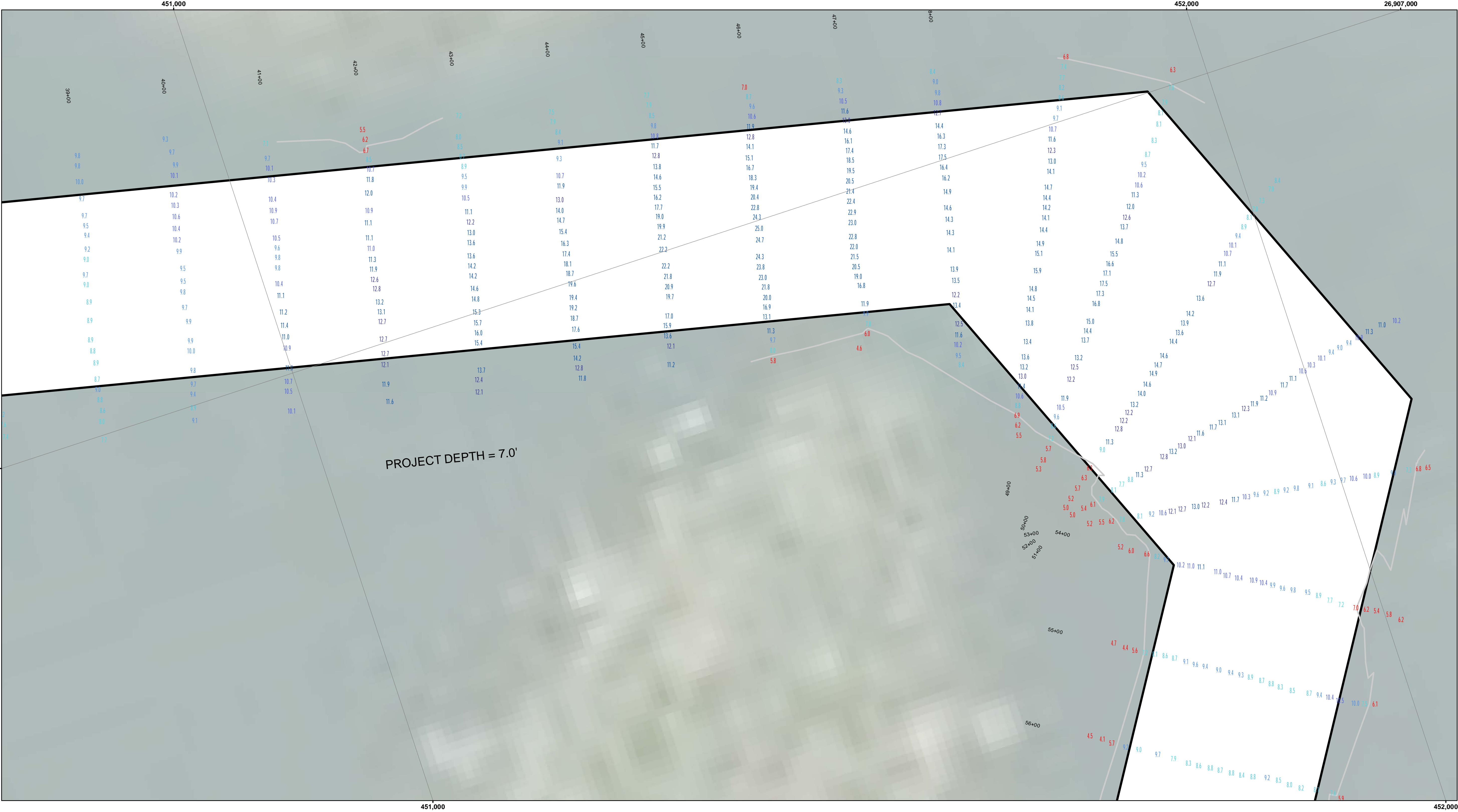
LS\_01\_CHX\_20210602\_CS

02 June 2021

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 SPS461 SUB-METER DGPS RECEIVER.

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

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

Les Cheneaux Islands, MI

Les Cheneaux Islands

LS\_01\_CHX\_20210602\_CS

02 June 2021

Sheet Reference Number

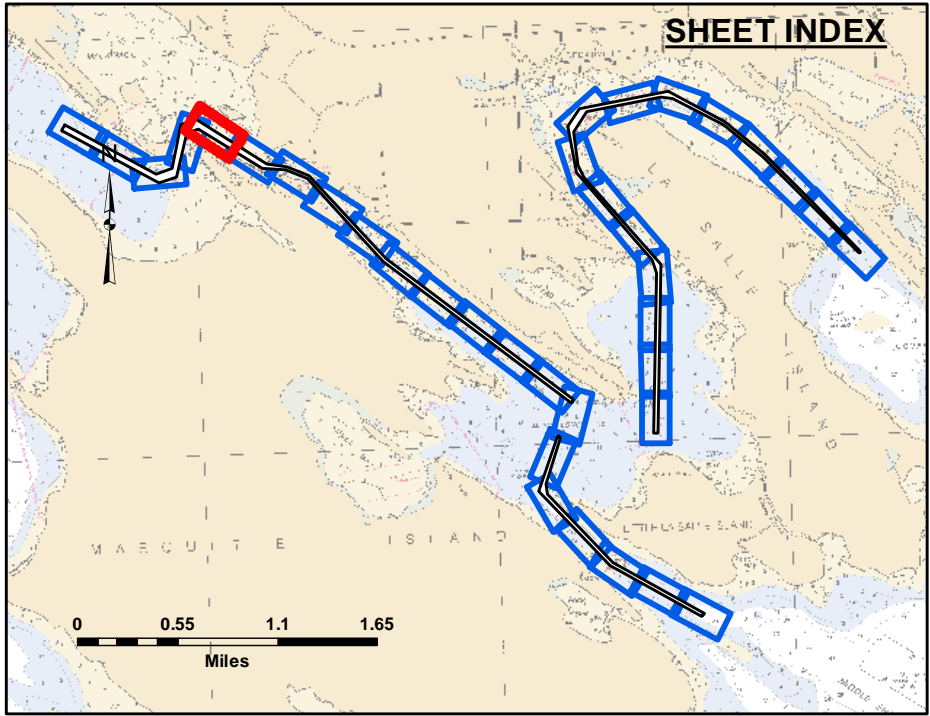
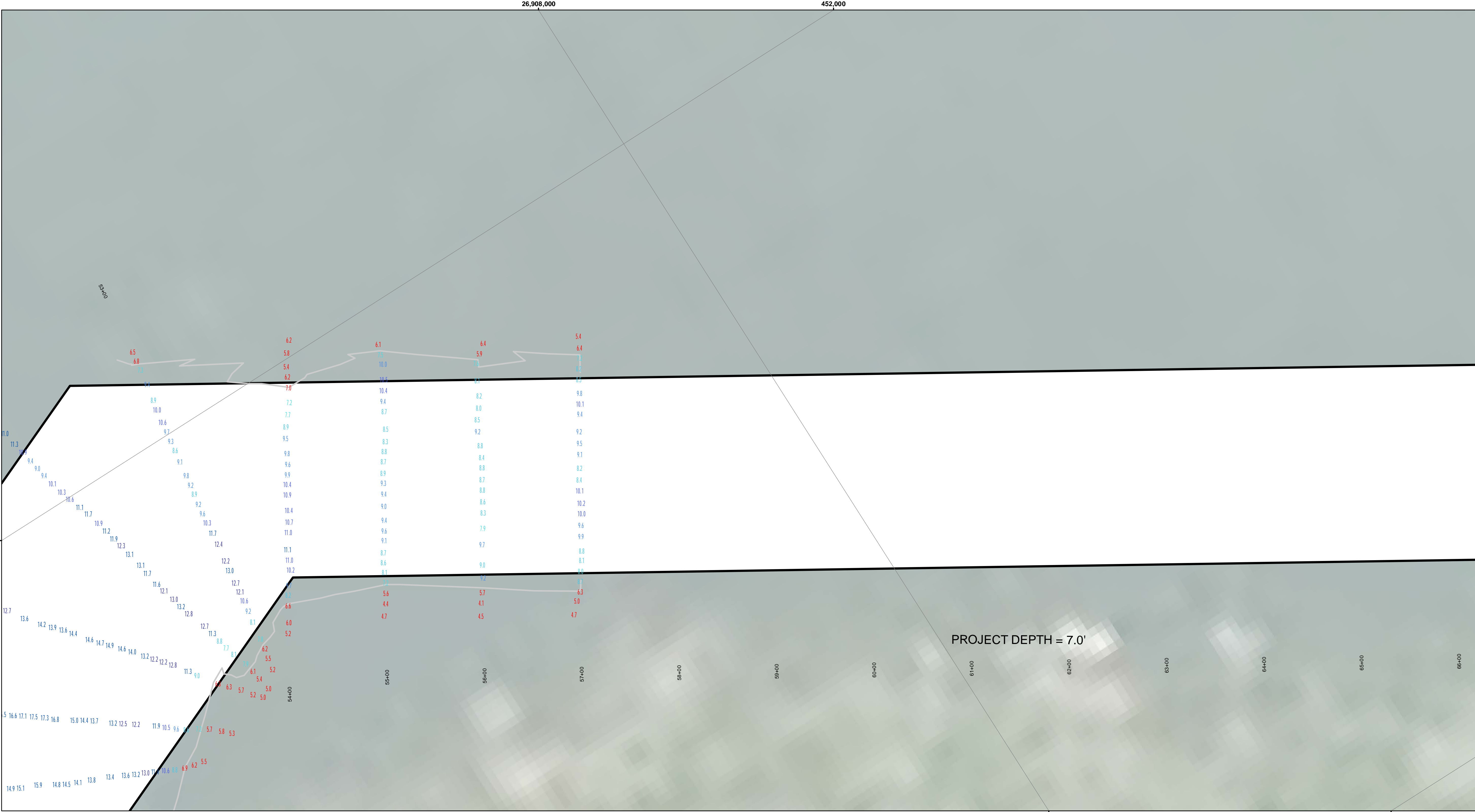
4 of 36

**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 LIMITS:** 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 purpose other than that for which they were provided. The recipient may not transfer these data to others without transferring this Disclaimer.





**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 SPS461 SUB-METER DGPS RECEIVER.

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 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.

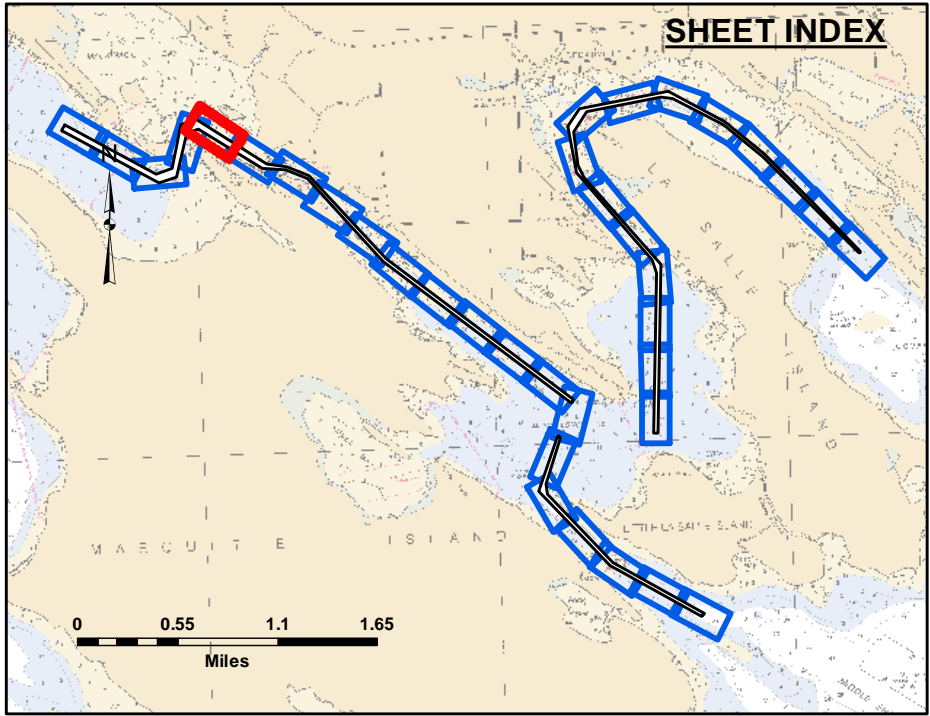
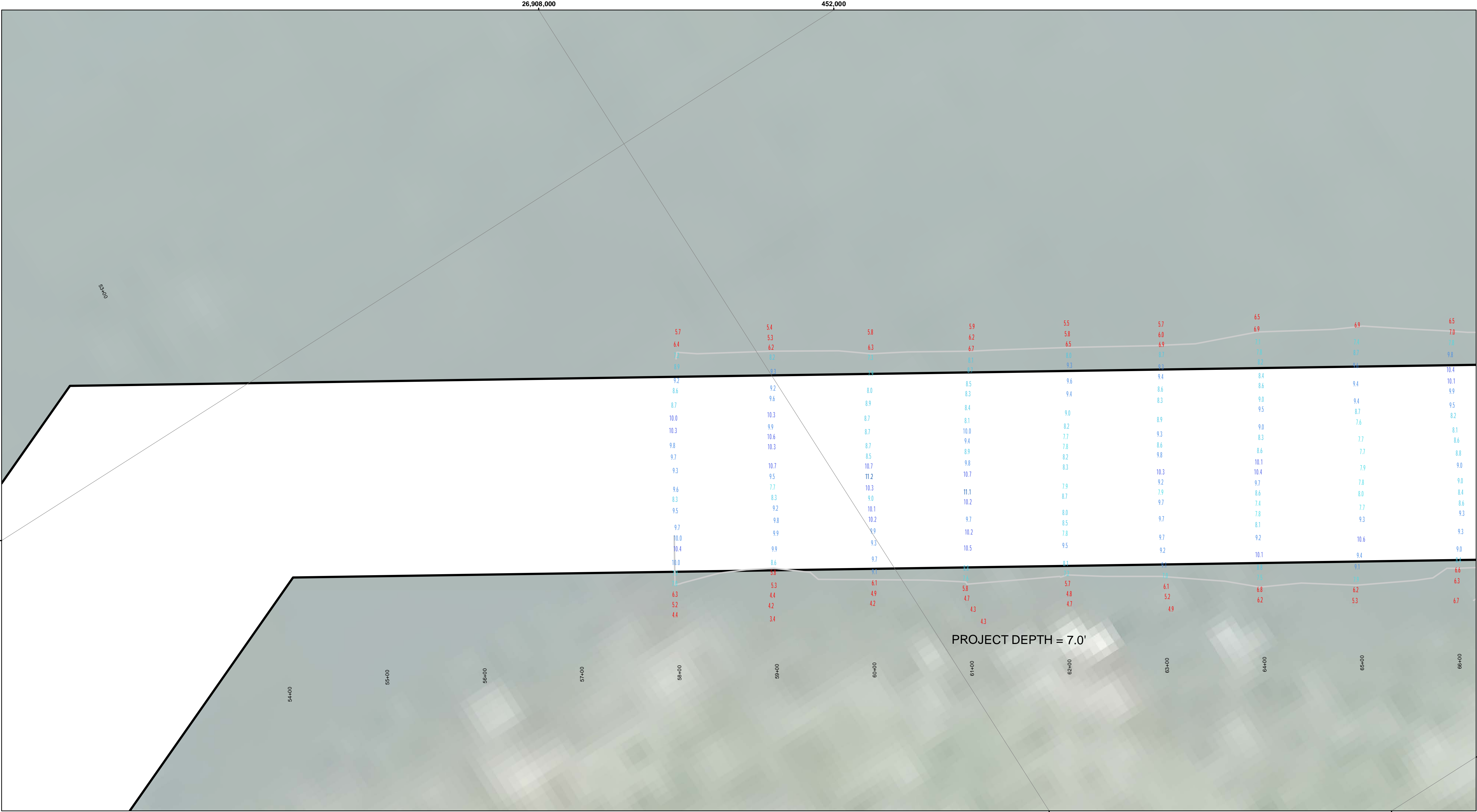
**DISCLAIMER:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the United States Government makes no warranty, expressed or implied, concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the data. The recipient is responsible for the results of any use of the data under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore, the recipient is prohibited from making any reproduction or distribution of 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\_20210602\_CS**  
**02 June 2021**

**Sheet  
Reference  
Number**  
**5 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 SPS461 SUB-METER DGPS RECEIVER.
- 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 data is not 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.

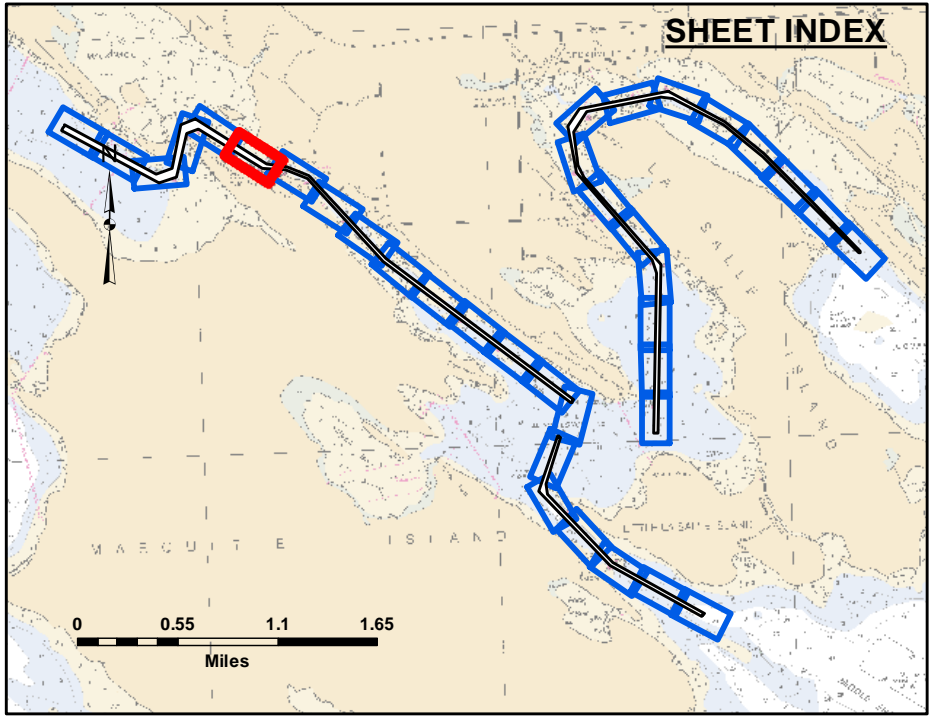
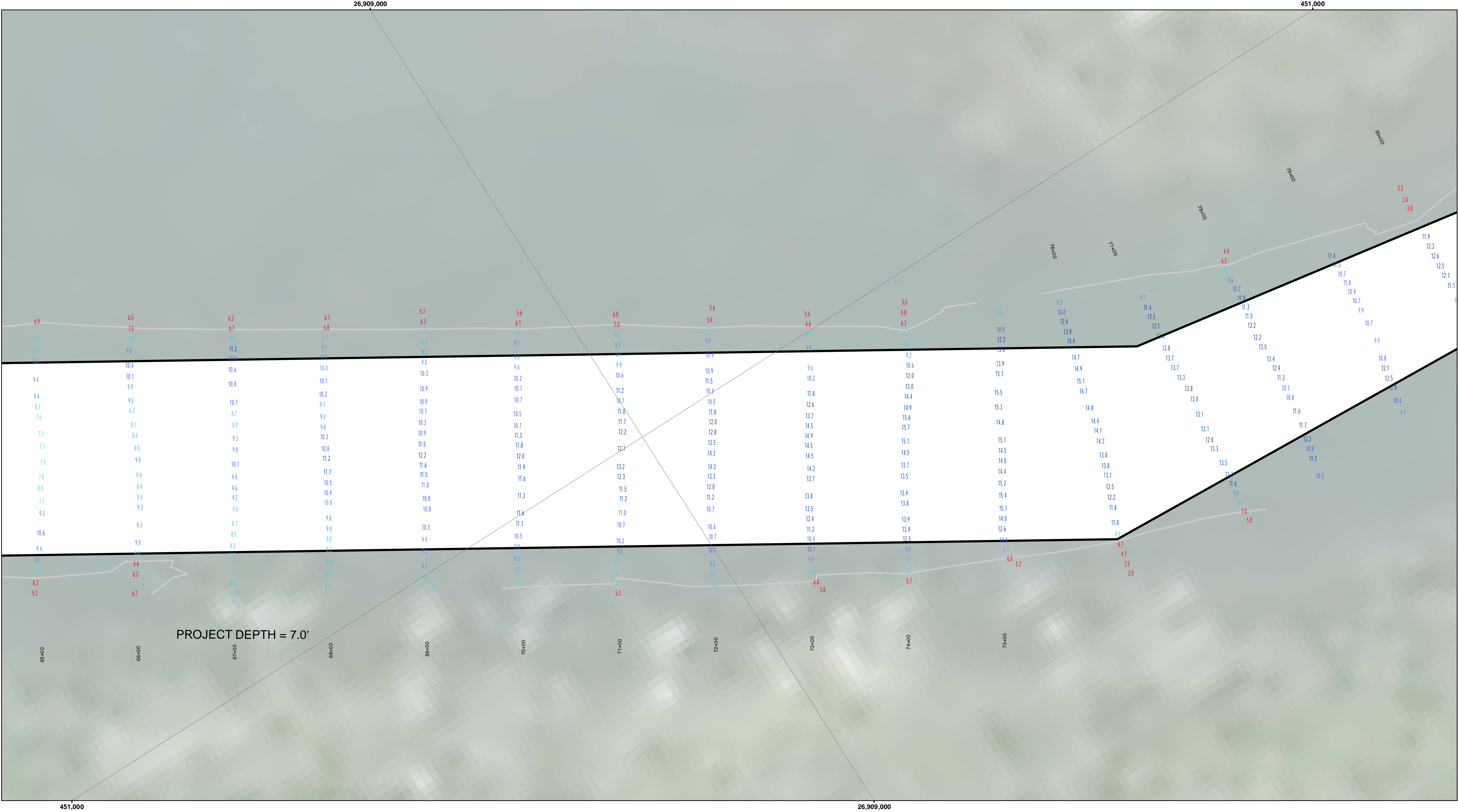
DISCLAIMER: The United States Government (unlike these data and the recipient accepts and uses them with the express understanding that the United States Government makes no warranty, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the data. The data is provided "as is" and the recipient may not use the data for any purpose other than the intended purpose. The recipient may not transfer these data to others without also 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\_20210601\_CS**  
**01 June 2021**

**Sheet Reference Number**  
**5 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 SPS461 SUB-METER DGPS RECEIVER.

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 a guarantee of accuracy. The user is responsible for the results of any of the application of the data for other than its intended purpose.

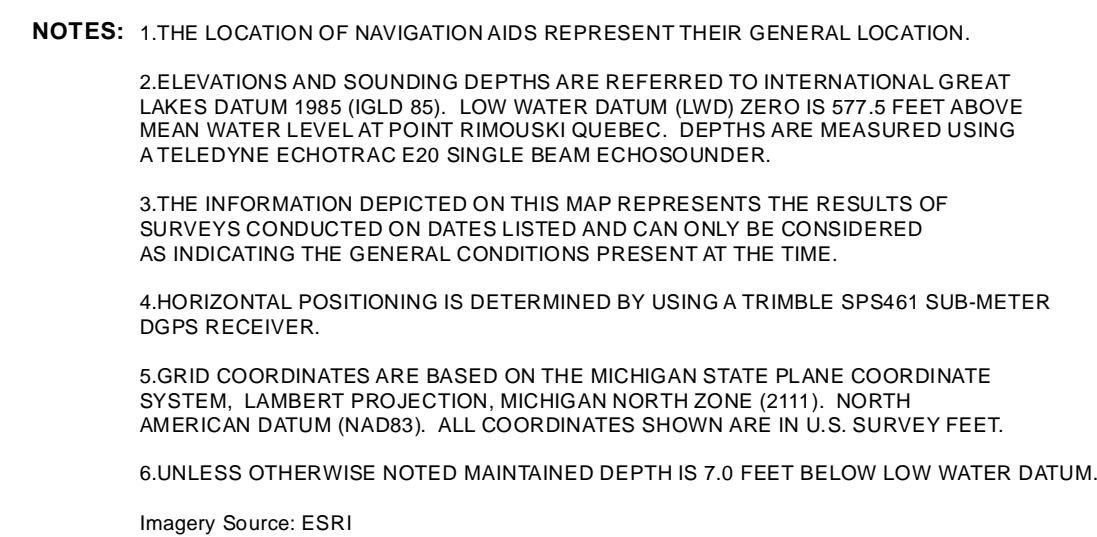
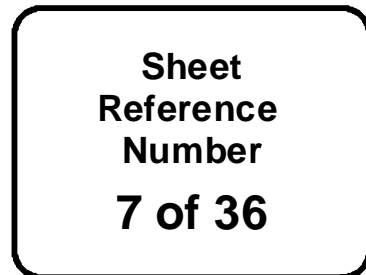
DISCLAIMER: The United States Government (unlike these data and the recipient accepts and uses them with the express understanding that the United States Government makes no warranty, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the data. The data is provided "as is" and the recipient understands that the data is provided 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 transfer, copy, or otherwise use the data for purposes other than Government provided data. 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	

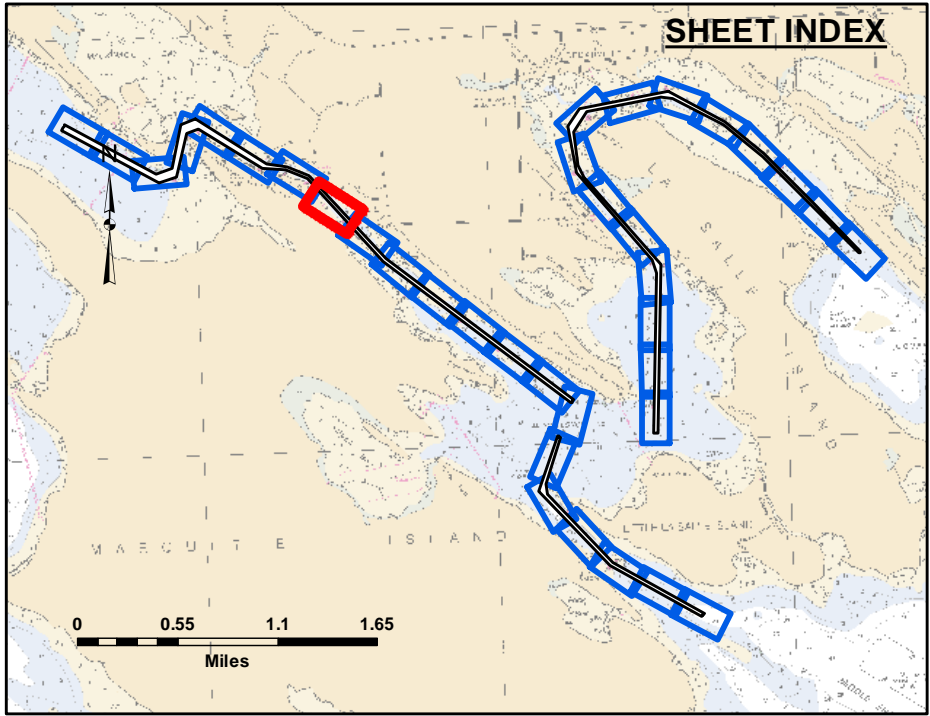
**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20210601\_CS**  
**01 June 2021**

**Sheet  
Reference  
Number**  
**6 of 36**







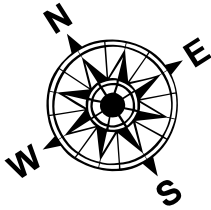


**LEGEND**

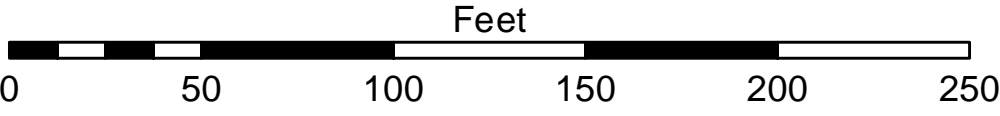
- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**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 SPS461 SUB-METER DGPS RECEIVER.
- 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 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.

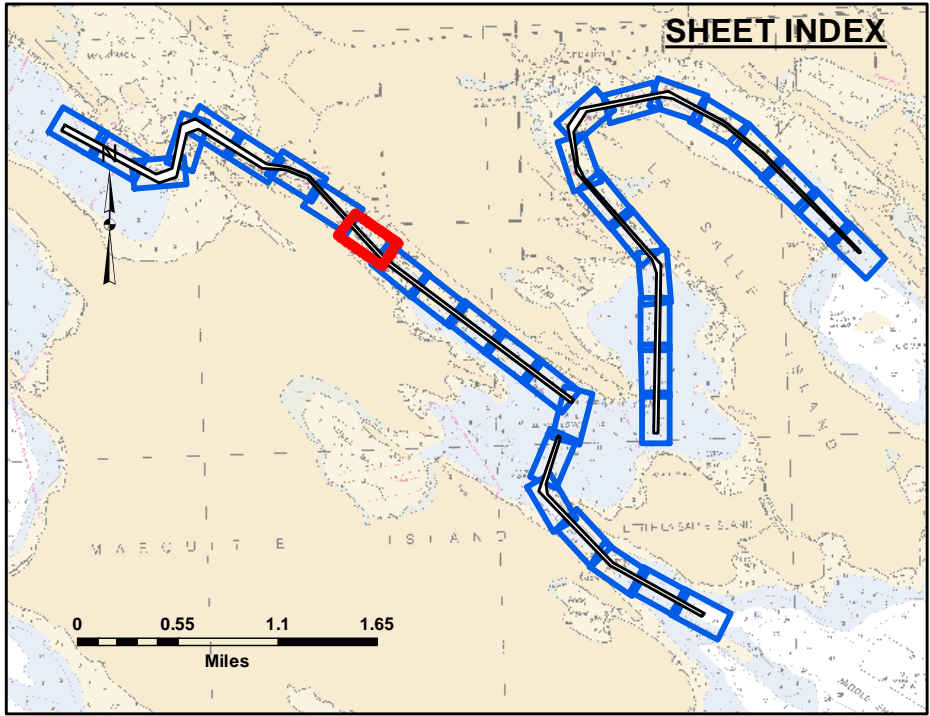
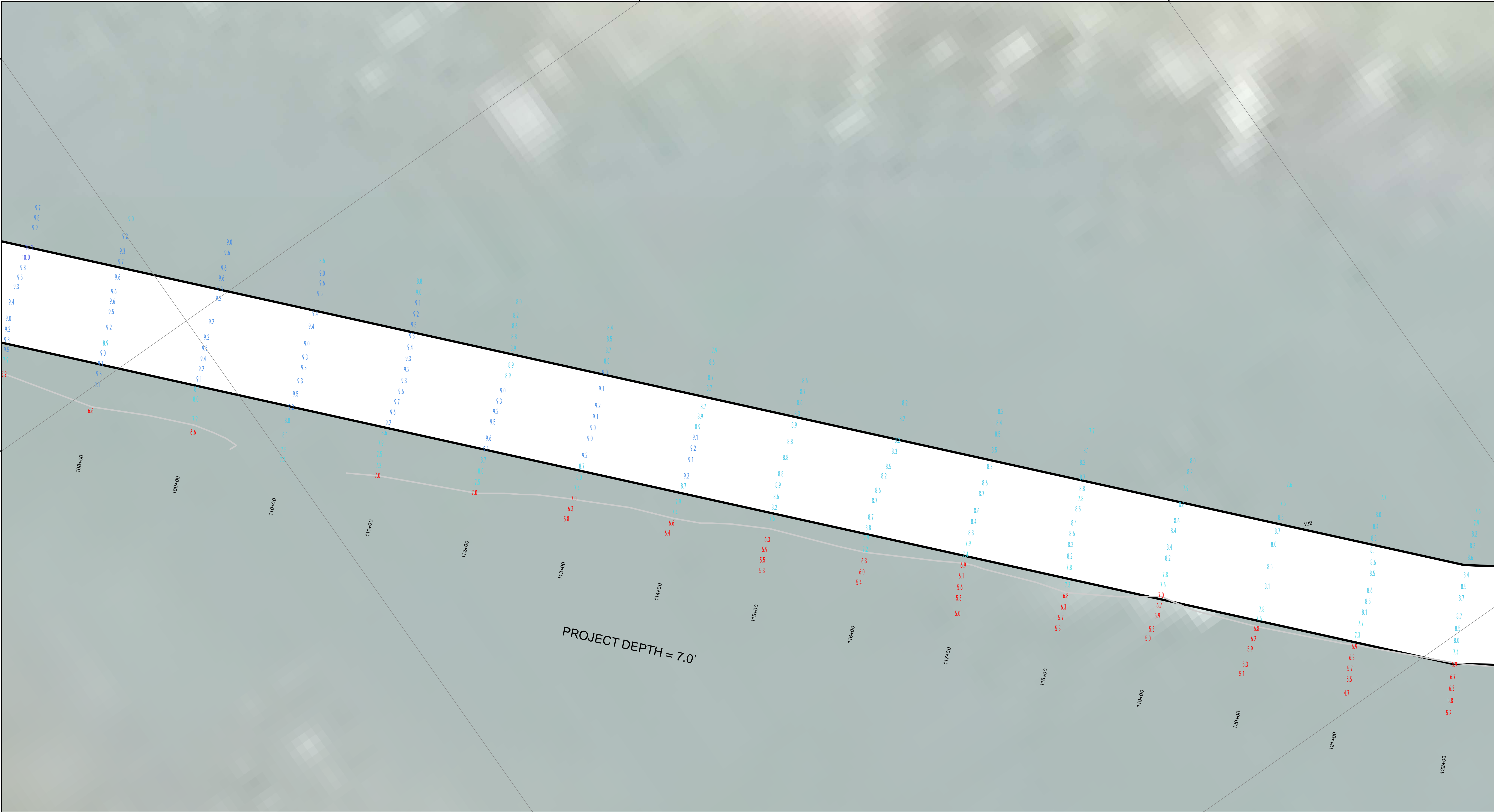
DISCLAIMER: The United States Government (unlike these data and the recipient accepts and uses them with the express understanding that the United States Government makes no warranty, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the data. These data are provided to the recipient 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 transfer, copy, reproduce, or otherwise use these data to others without also transferring this Disclaimer.

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

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20210601\_CS**  
**01 June 2021**

**Sheet  
Reference  
Number**  
**8 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 SPS461 SUB-METER DGPS RECEIVER.

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 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.

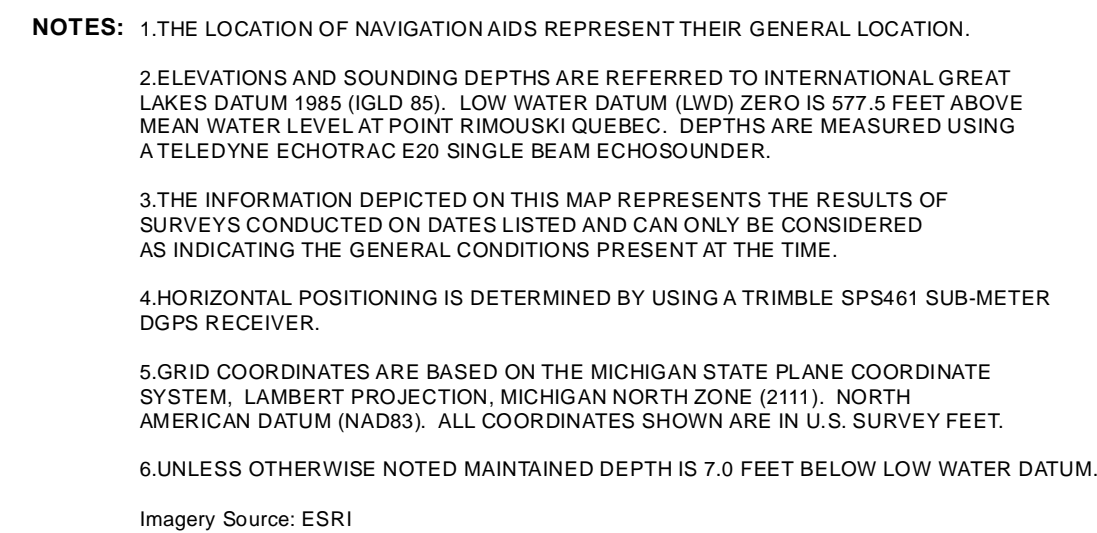
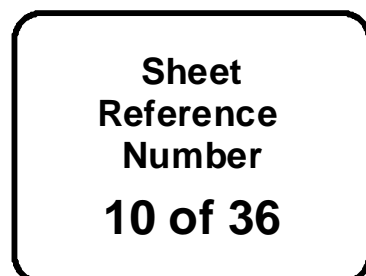
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data is not to be used for any purpose other than the intended purpose. The data is not to be used for any purpose other than the intended purpose. The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

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

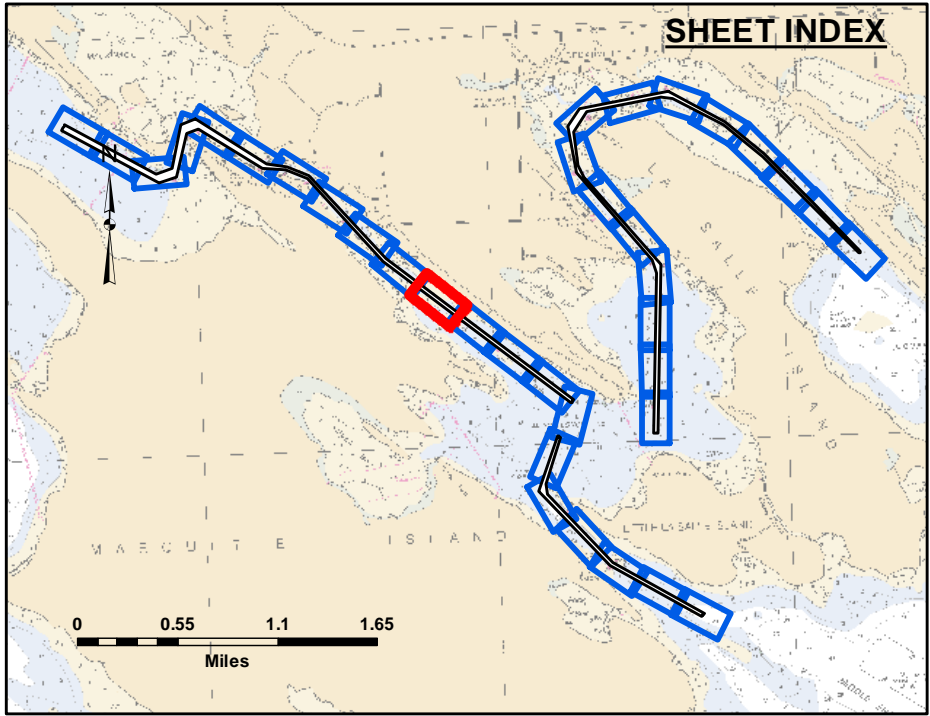
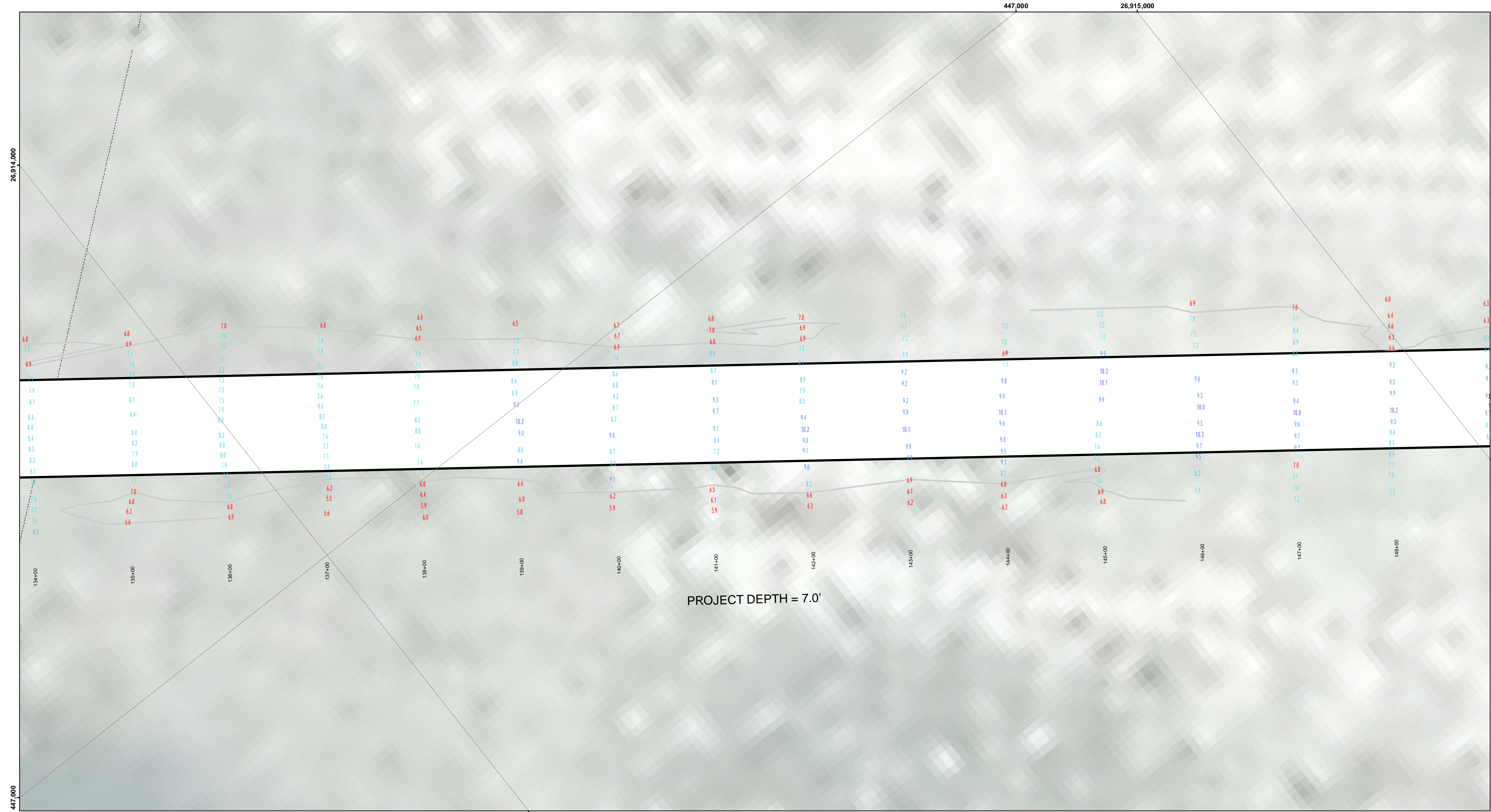
**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20210601\_CS**  
**01 June 2021**

**Sheet  
Reference  
Number**  
**9 of 36**









**LEGEND**

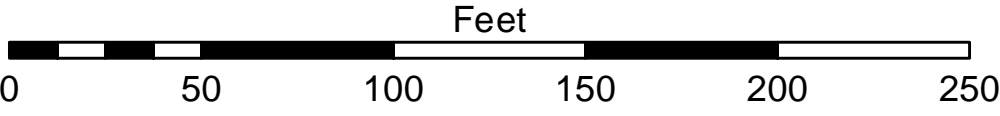
- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**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 SPS461 SUB-METER DGPS RECEIVER.
  - 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 provided for informational purposes only and is not intended for use in any other manner than that for which it was collected. The data is provided for informational purposes only and is not intended for use in any other manner than that for which it was collected.

**ACCESS:** The United States Government (unlike these data and the recipient accepts and uses them with the express understanding that the United States Government makes no warranty, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the data. The data is provided for informational purposes only and is not intended for use in any other manner than that for which it was collected. The data is provided for informational purposes only and is not intended for use in any other manner than that for which it was collected.

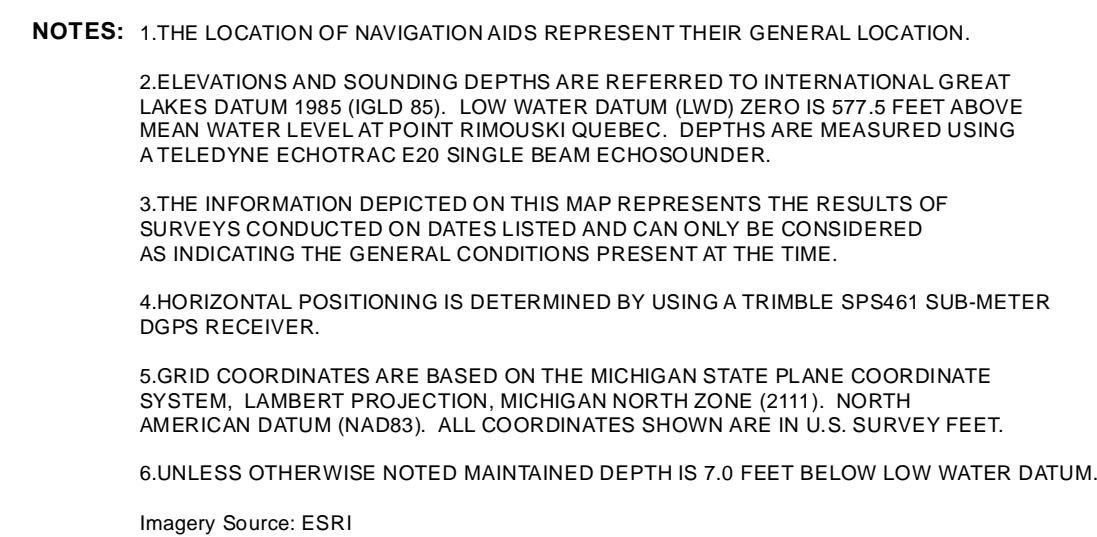
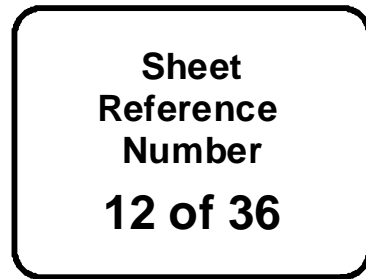
**U.S. ARMY CORPS OF ENGINEERS**  
DETROIT DISTRICT

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

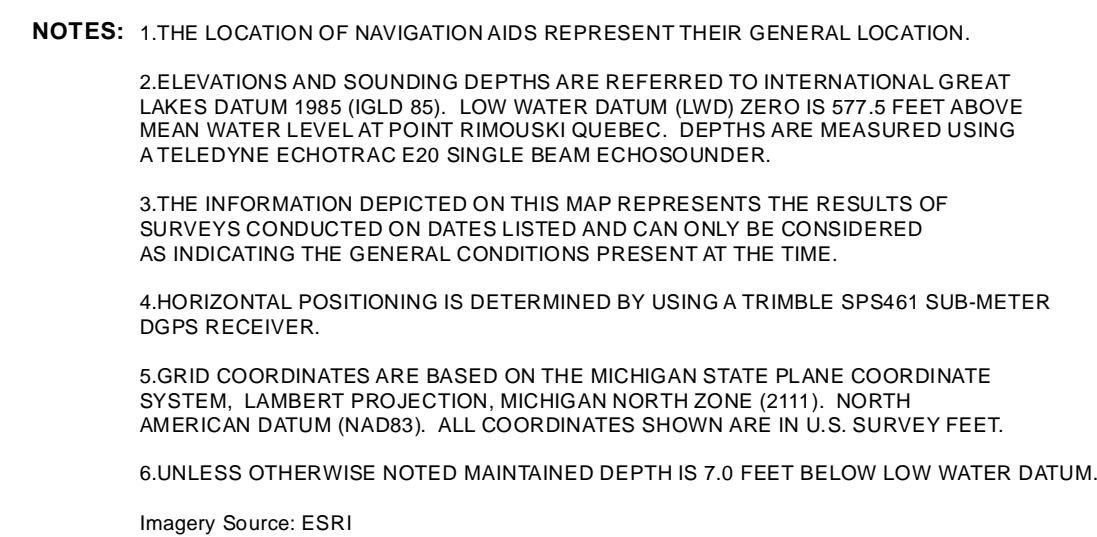
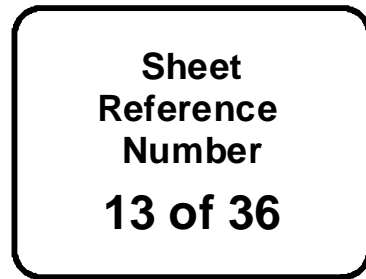
**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20210601\_CS**  
**01 June 2021**

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

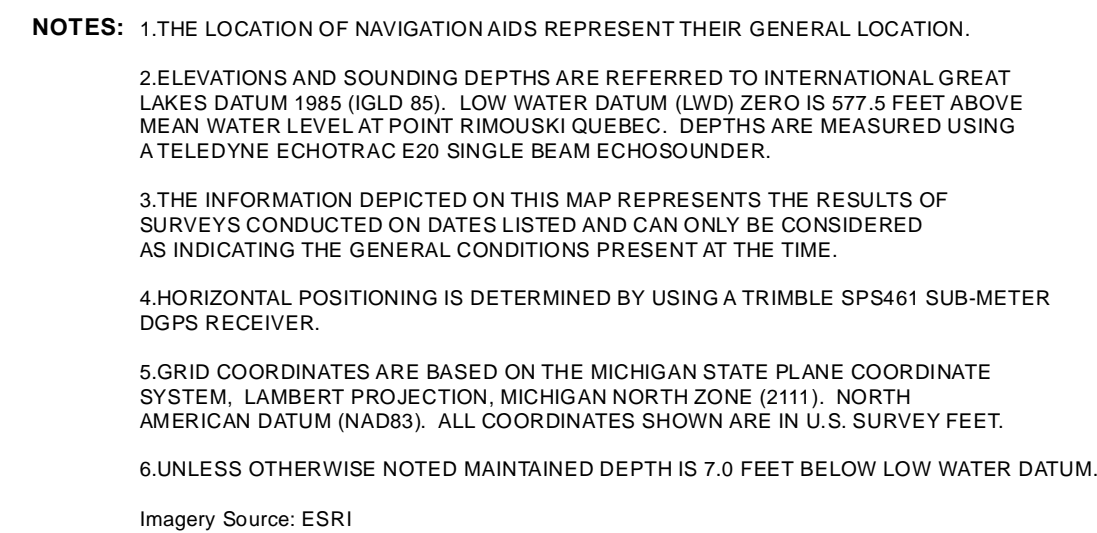
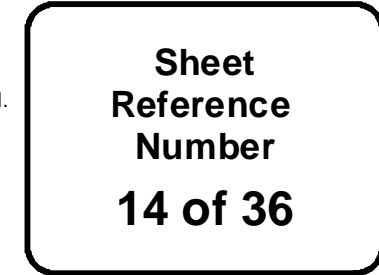




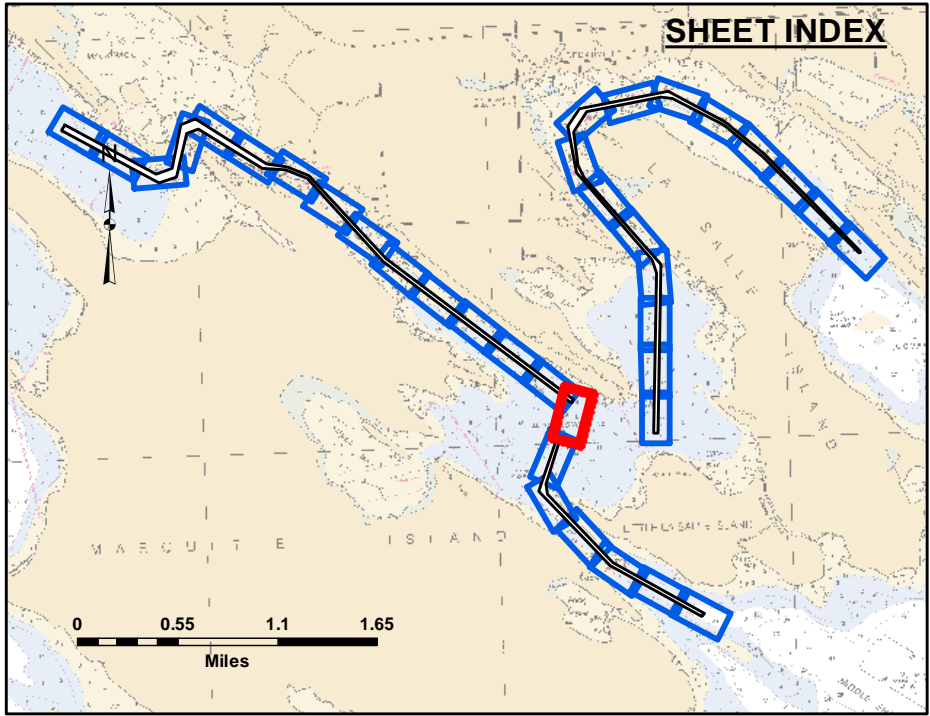
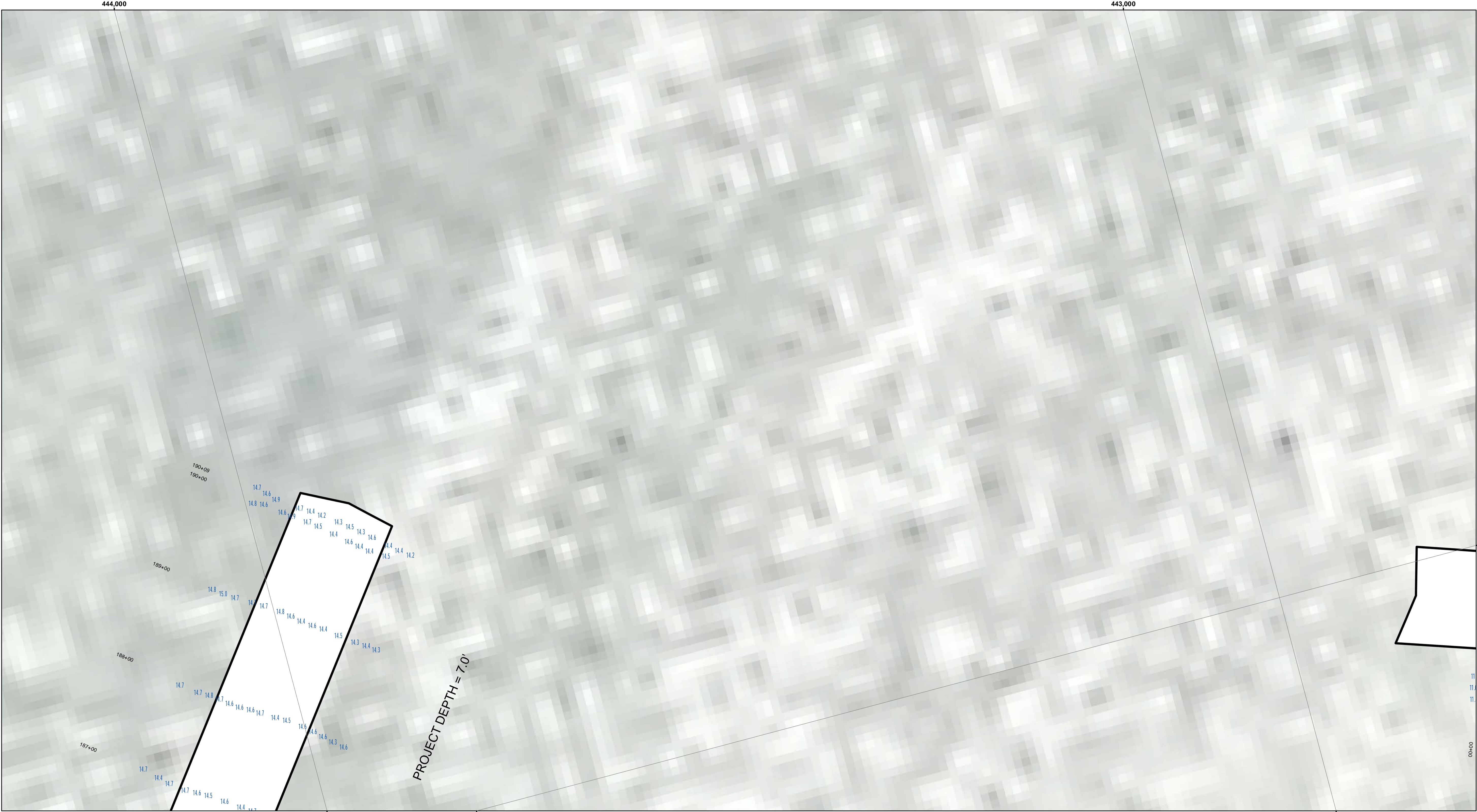












**LEGEND**

- ..... 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 SPS461 SUB-METER DGPS RECEIVER.

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. 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 intended for use in any other manner. The user is responsible for the results of any application of the data for other than its intended purpose.

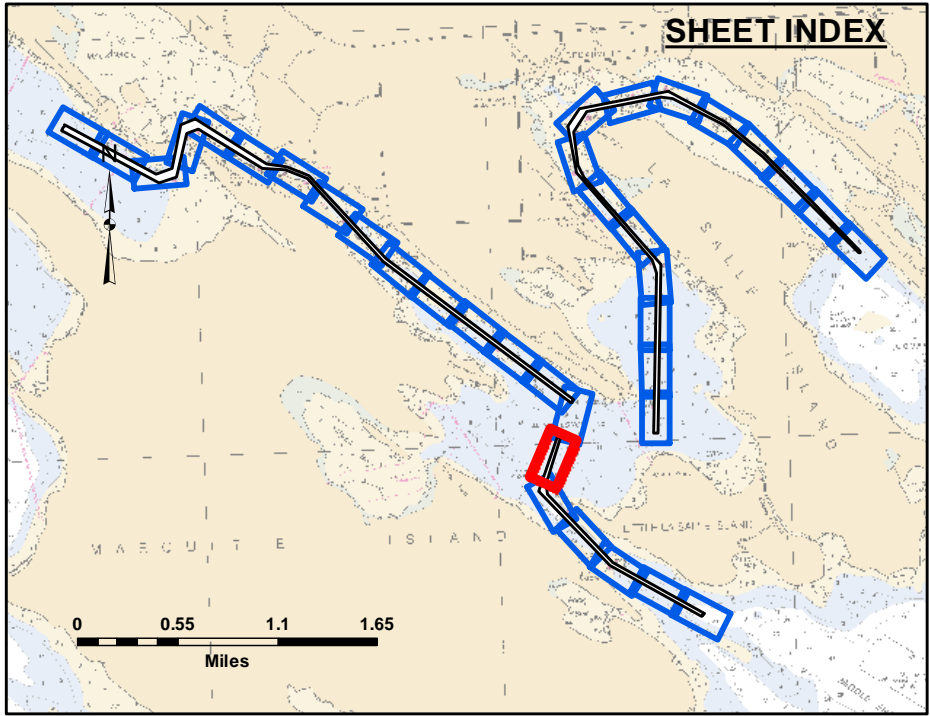
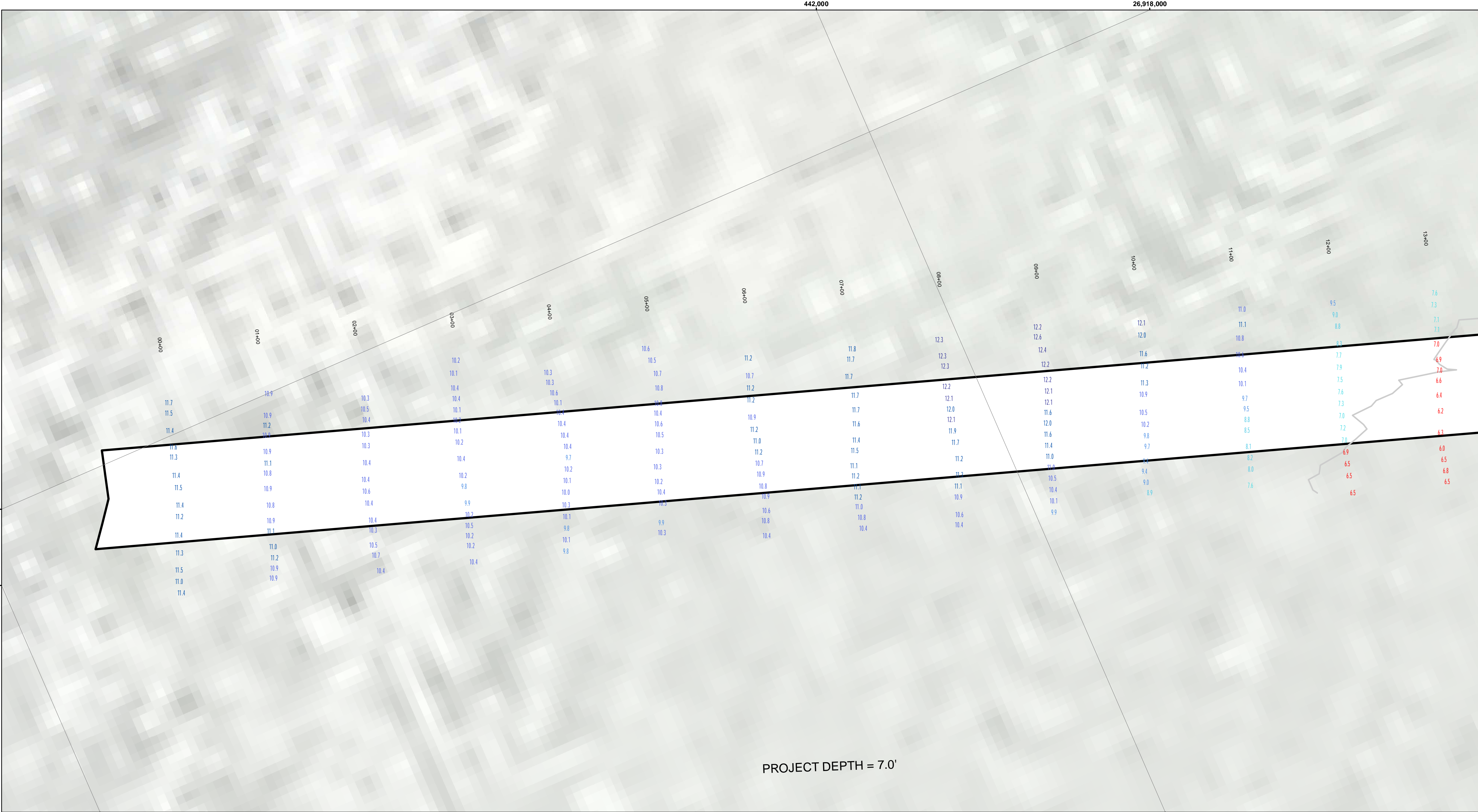
**ACCESS LIMITATIONS:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data is not to be used for any purpose other than that for which it was provided. The data is not to be used for any purpose other than that for which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

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\_20210601\_CS**  
**01 June 2021**

**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 SPS461 SUB-METER DGPS RECEIVER.

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 this map is the property of the U.S. Army Corps of Engineers and is provided for informational purposes only. The data is not intended for use in any other manner. 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. 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 United States Government makes no warranty, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the data. These data are provided to the recipient under a license that requires the recipient to pay no fee for the data. These data are provided to the recipient under a license that requires the recipient to pay no fee for the data. These data are provided to the recipient under a license that requires the recipient to pay no fee for the data.

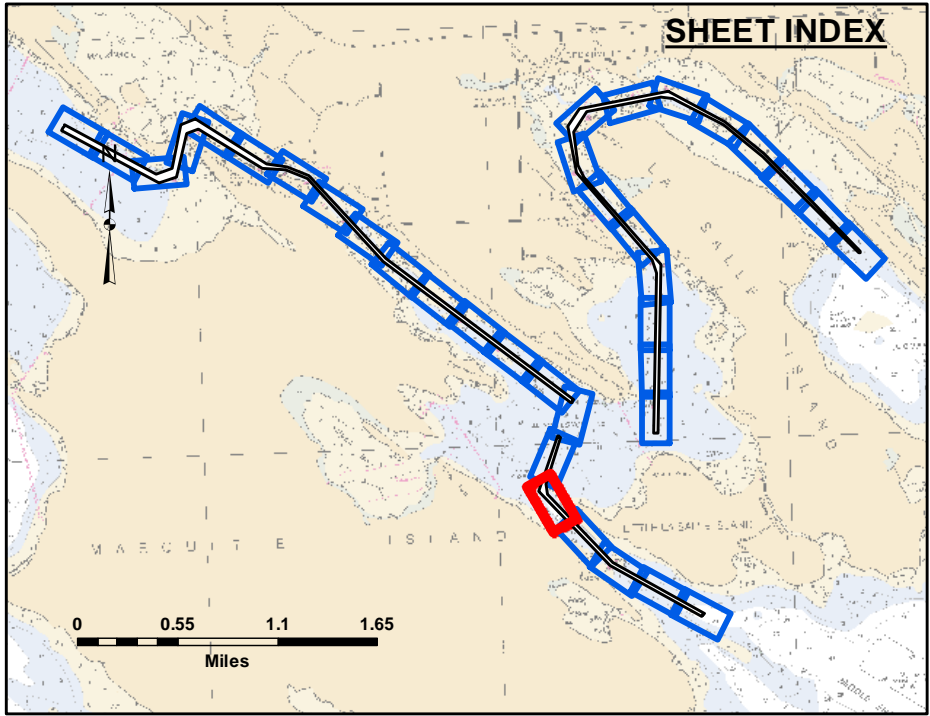
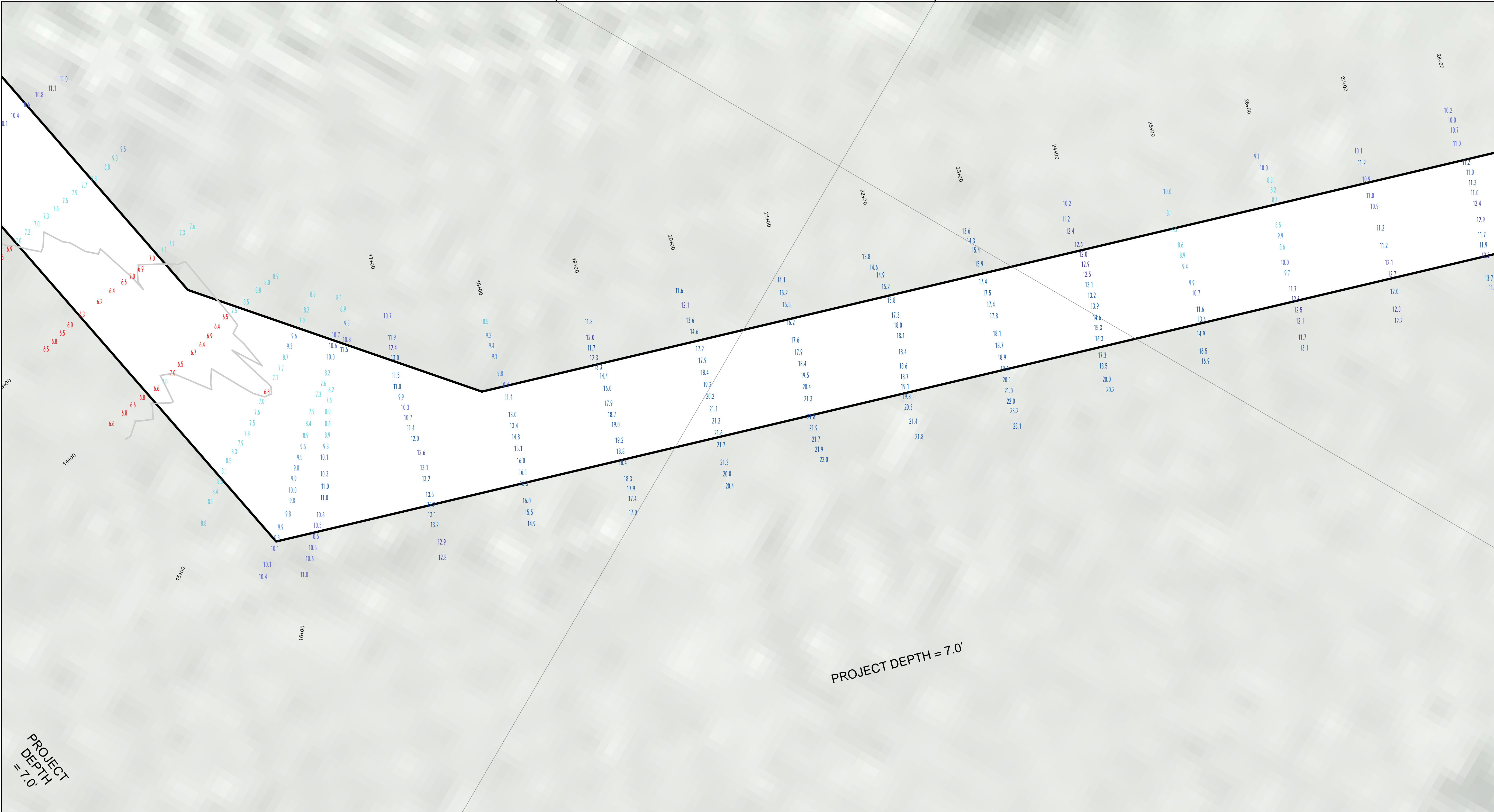
**U.S. ARMY CORPS OF ENGINEERS**  
DETROIT DISTRICT

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

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20210601\_CS**  
**01 June 2021**

**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 SPS461 SUB-METER DGPS RECEIVER.

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

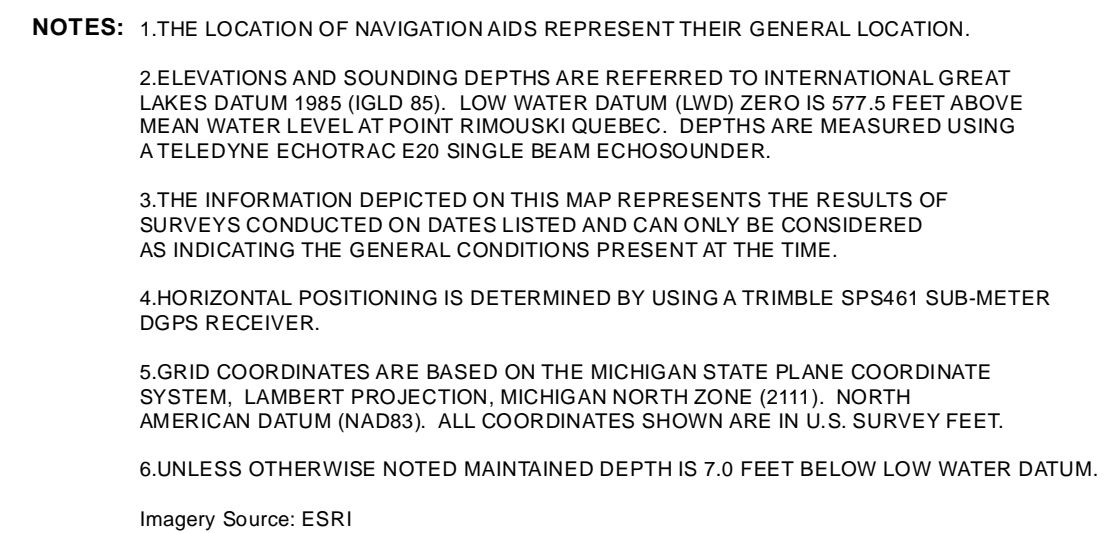
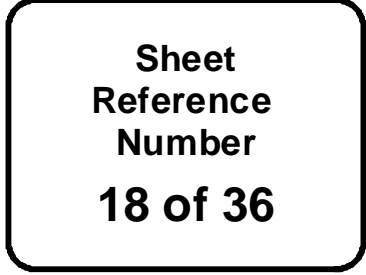
**DISCLAIMER:** The data represents the results of data collection and is not intended for use in any other manner than that for which it was collected. The data is not intended for use in any other manner than that for which it was collected. The data is not intended for use in any other manner than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

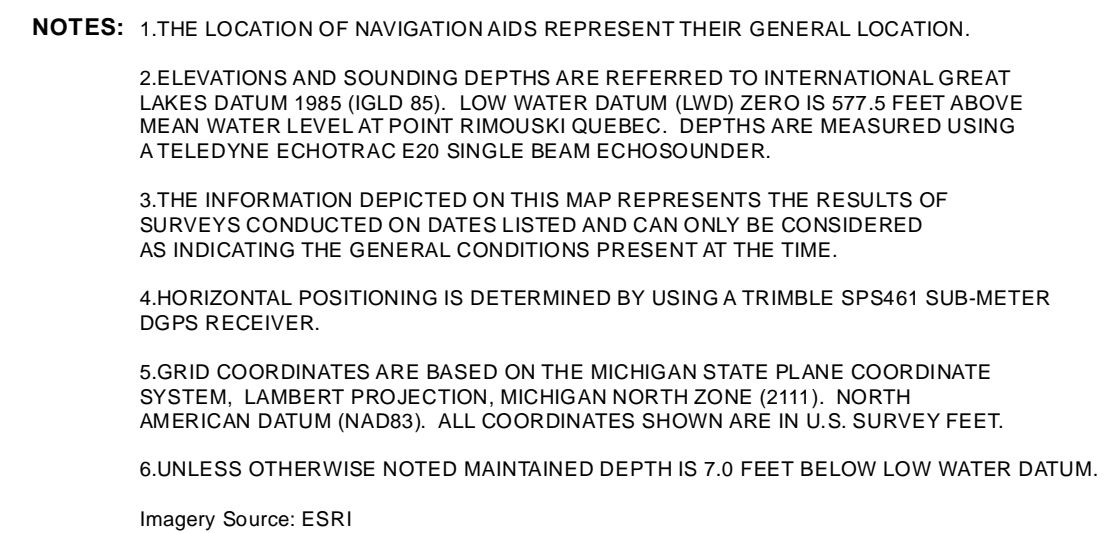
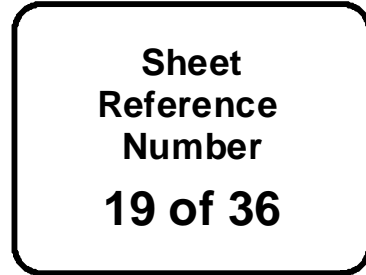
**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20210601\_CS**  
**01 June 2021**

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

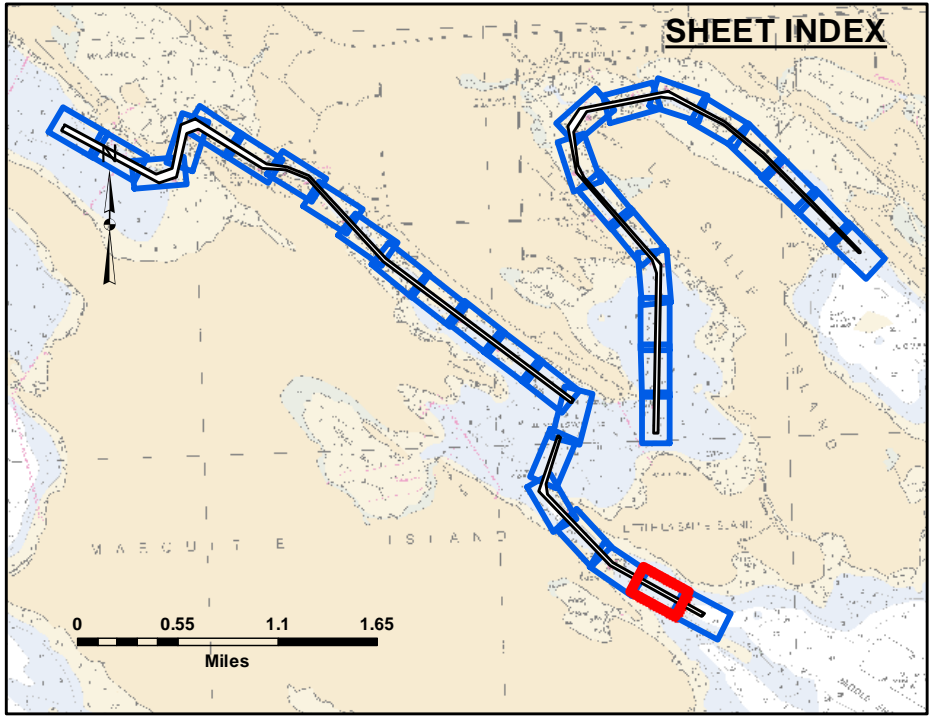
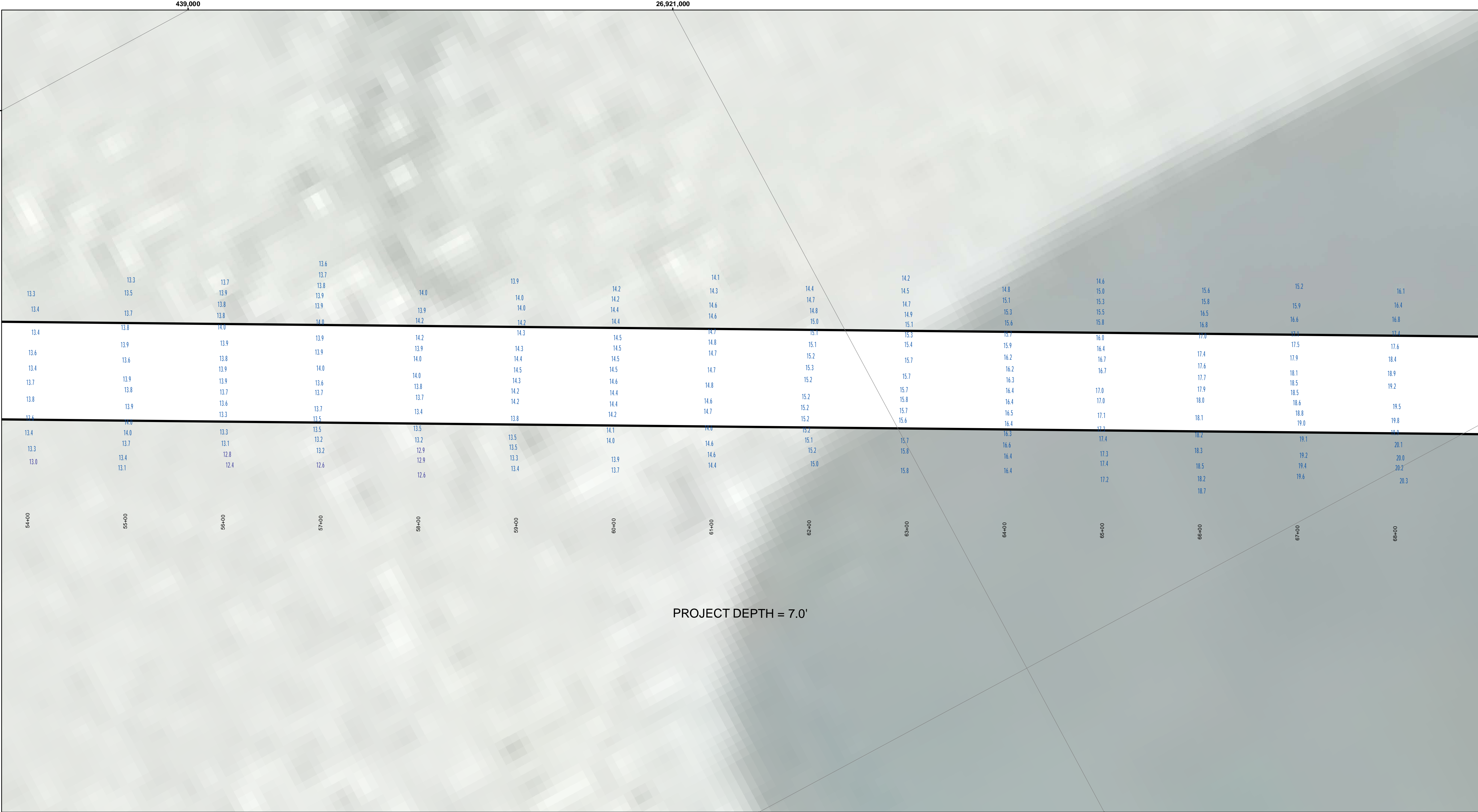












**LEGEND**

- ..... 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 SPS461 SUB-METER DGPS RECEIVER.

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

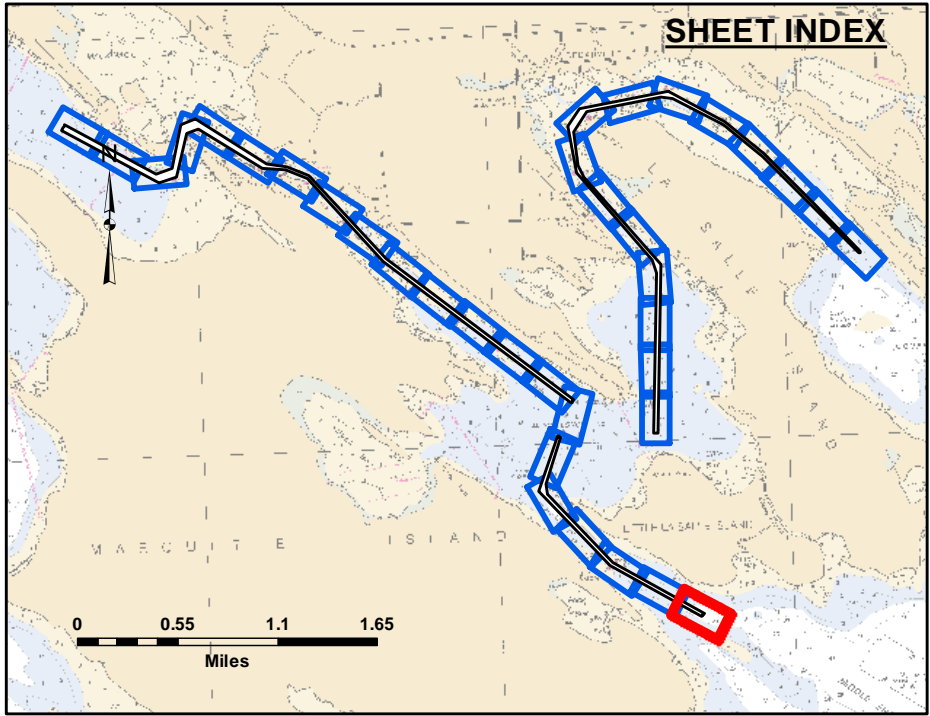
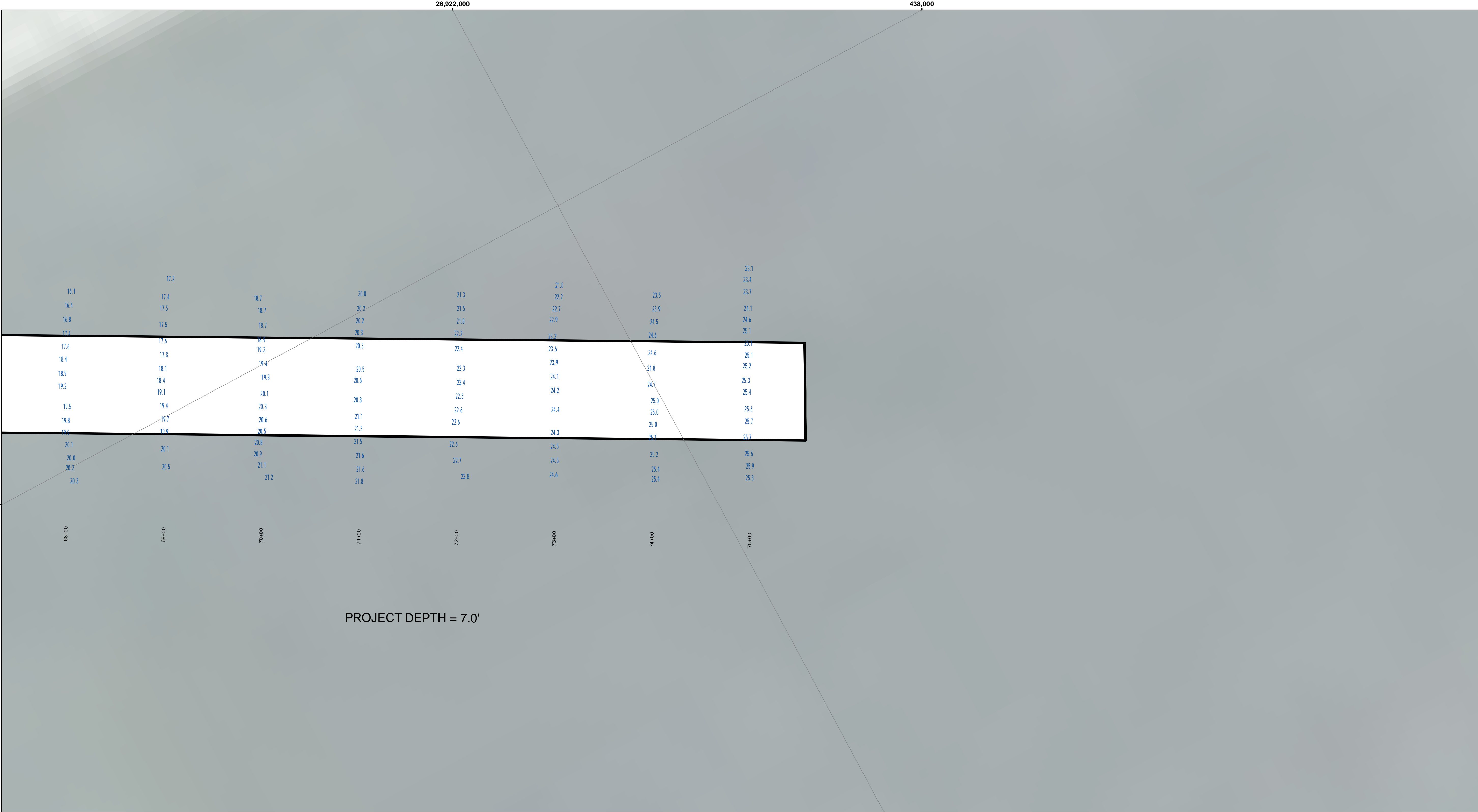
**DISCLAIMER:** The data represents the results of data collection and is not intended for use in any other manner than that for which it was collected. The data is not intended for use in any other manner than that for which it was collected. The data is not intended for use in any other manner than 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\_20210601\_CS**  
**01 June 2021**

**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 SPS461 SUB-METER DGPS RECEIVER.

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 activities 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.

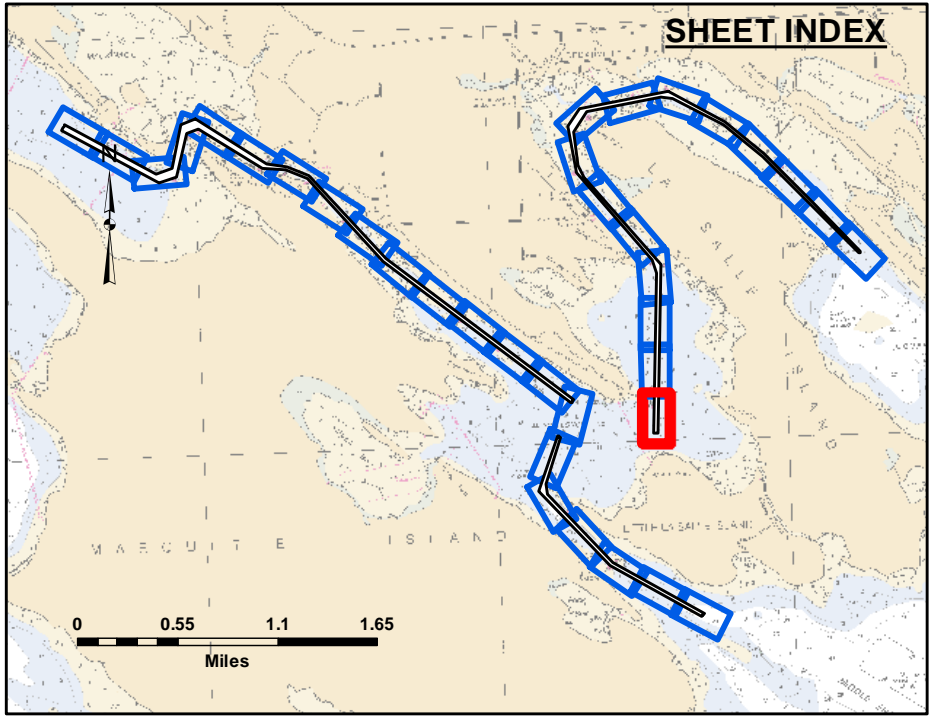
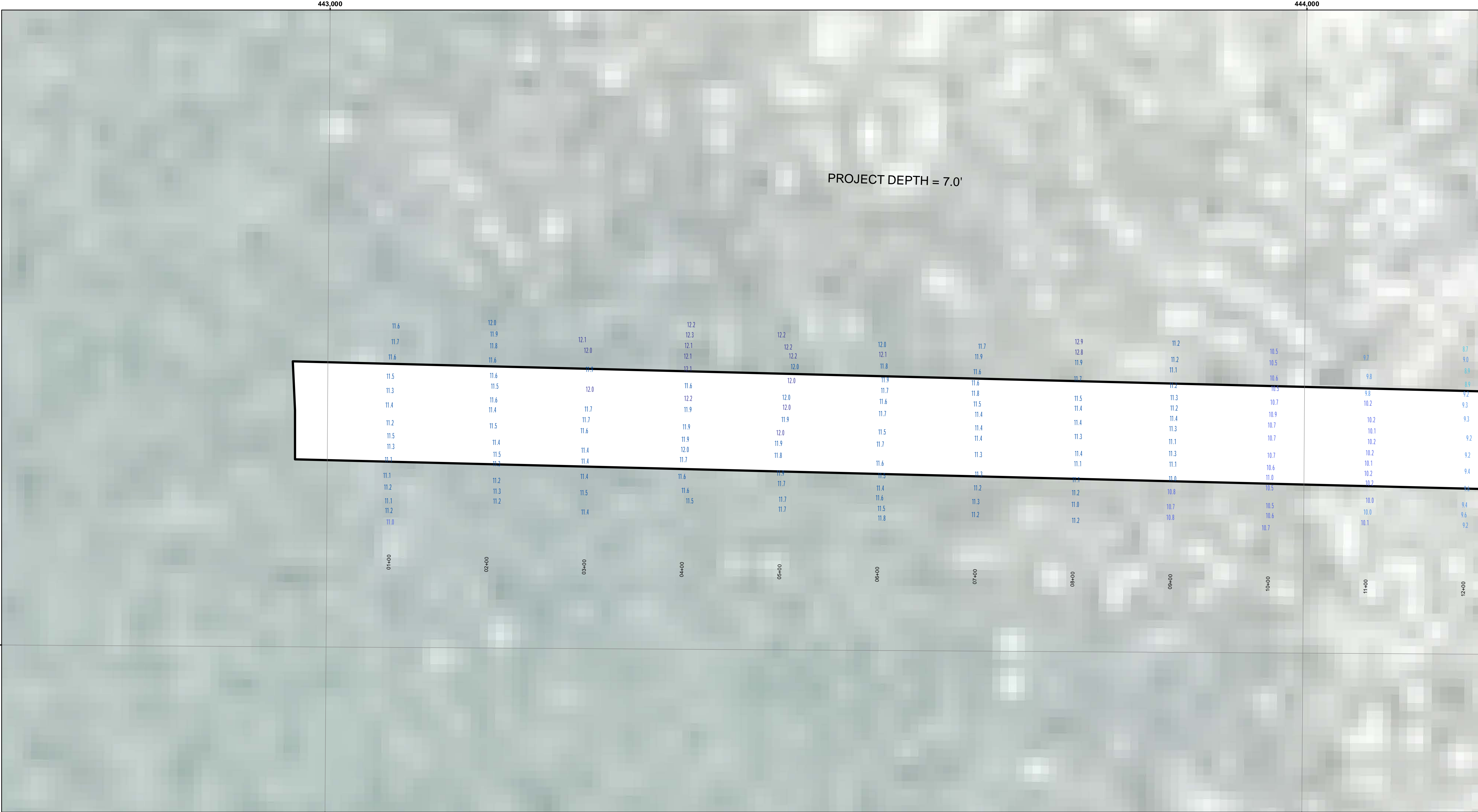
**ACCESS CONSTRAINTS:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than the intended purpose. The data are not to be used for any purpose other than the intended purpose.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

**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20210601\_CS**  
**01 June 2021**

**Sheet  
Reference  
Number**  
**21 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 SPS461 SUB-METER DGPS RECEIVER.

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 to be used for any other purpose than that for which it was collected. The data is not intended to be used for any other purpose than that for which it was collected. The data is not intended to be used for any other purpose than that for which it was collected.

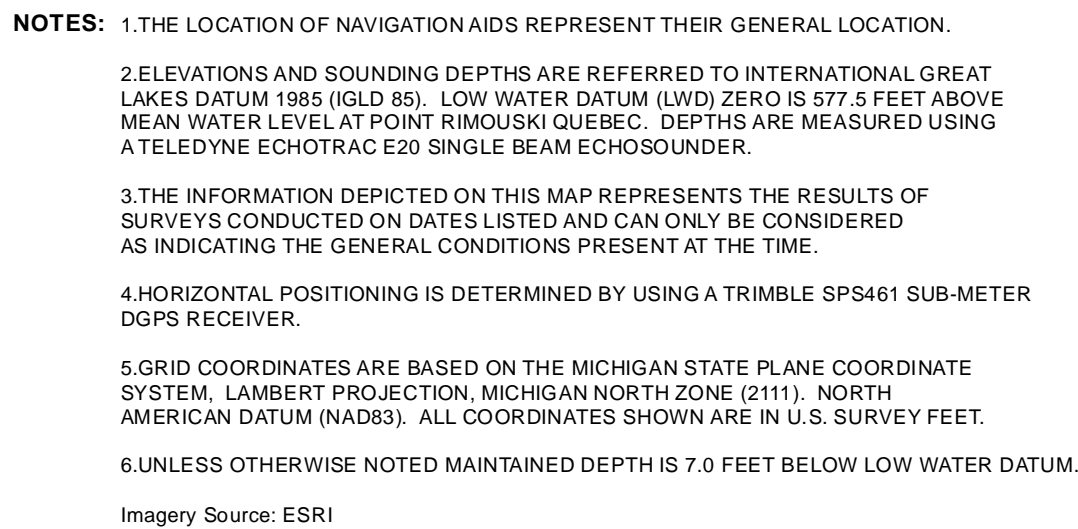
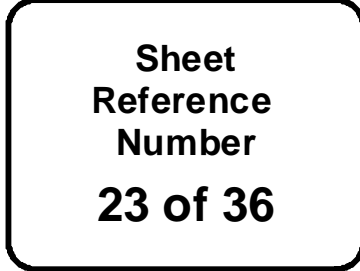
**DISCLAIMER:** The data represents the results of data collection and is not intended for use in any other manner than that for which it was collected. The data is not intended to be used for any other purpose than that for which it was collected. The data is not intended to be used for any other purpose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

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

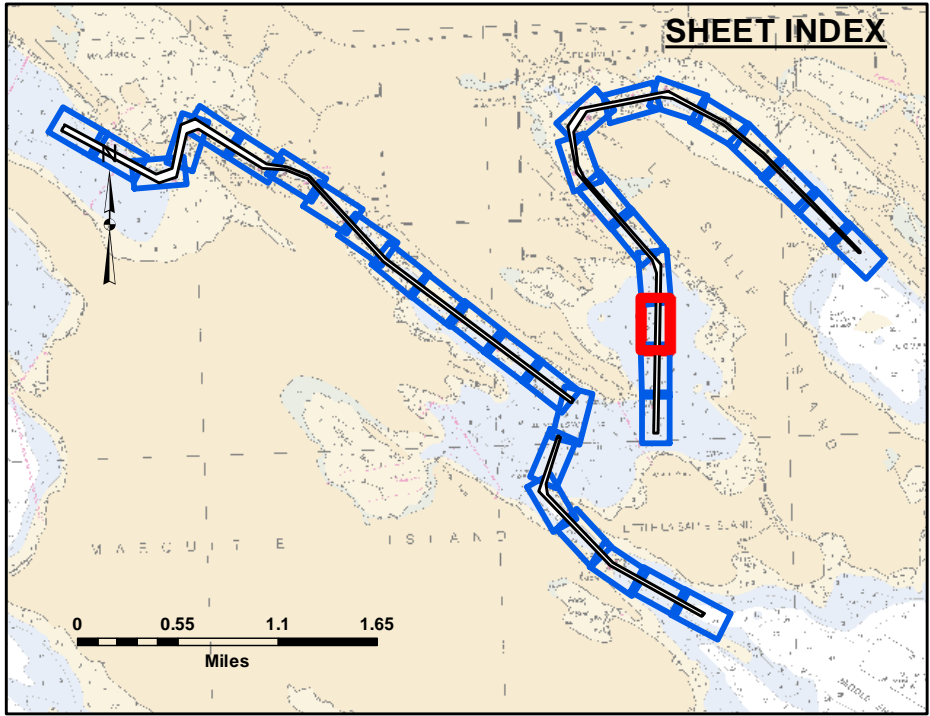
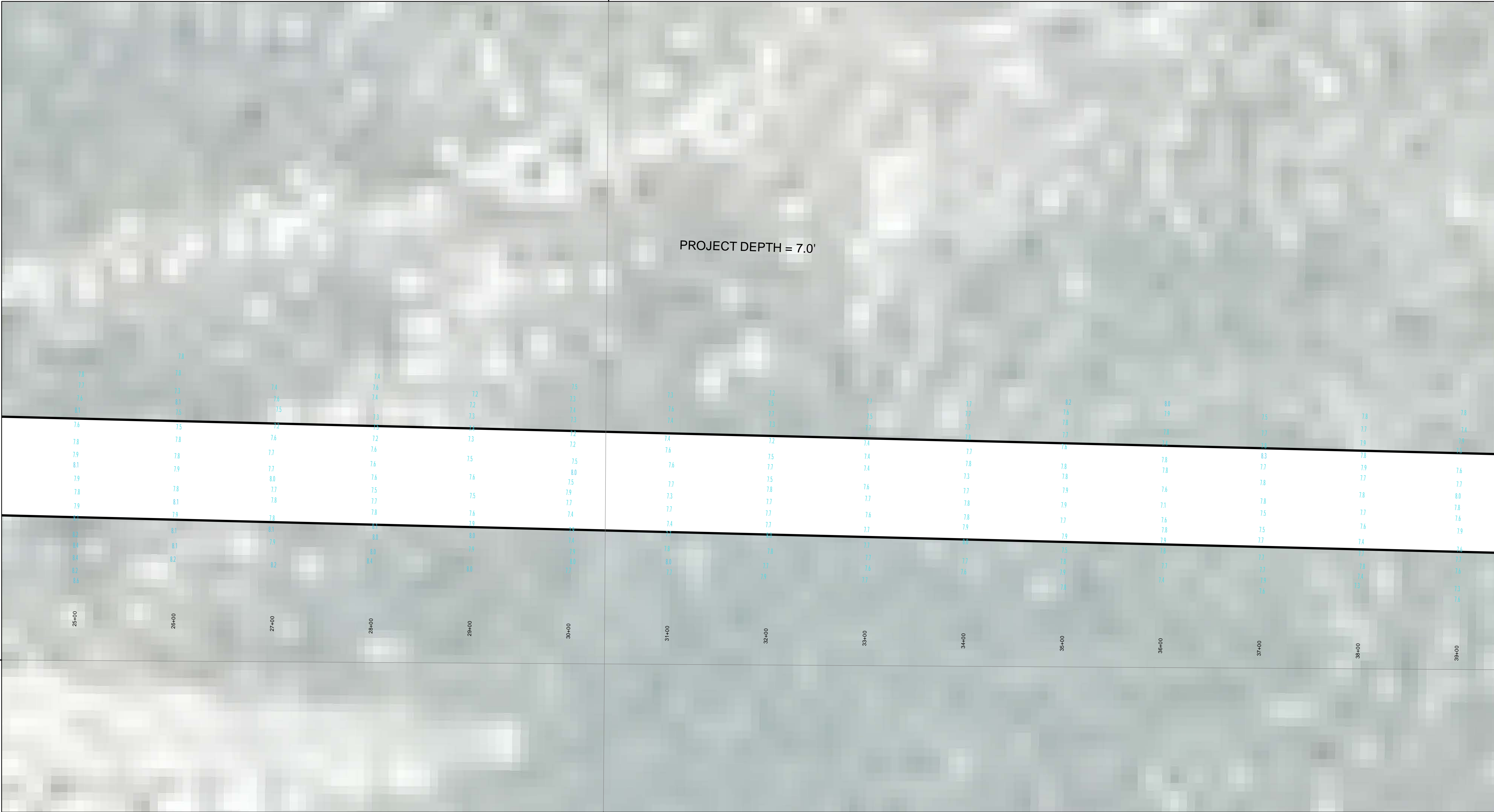
**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20210527\_CS**  
**27 May 2021**

**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 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 SPS461 SUB-METER DGPS RECEIVER.

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 to be used for any other purpose than that for which it was collected. The data is not intended to be used for any other purpose than that for which it was collected. The data is not intended to be used for any other purpose than that for which it was collected.

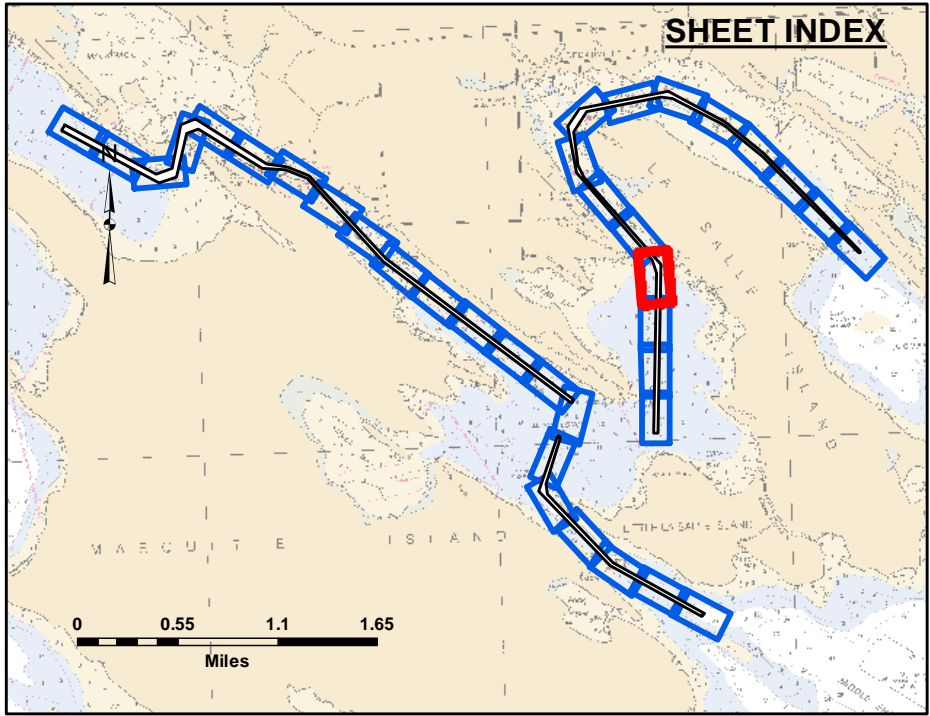
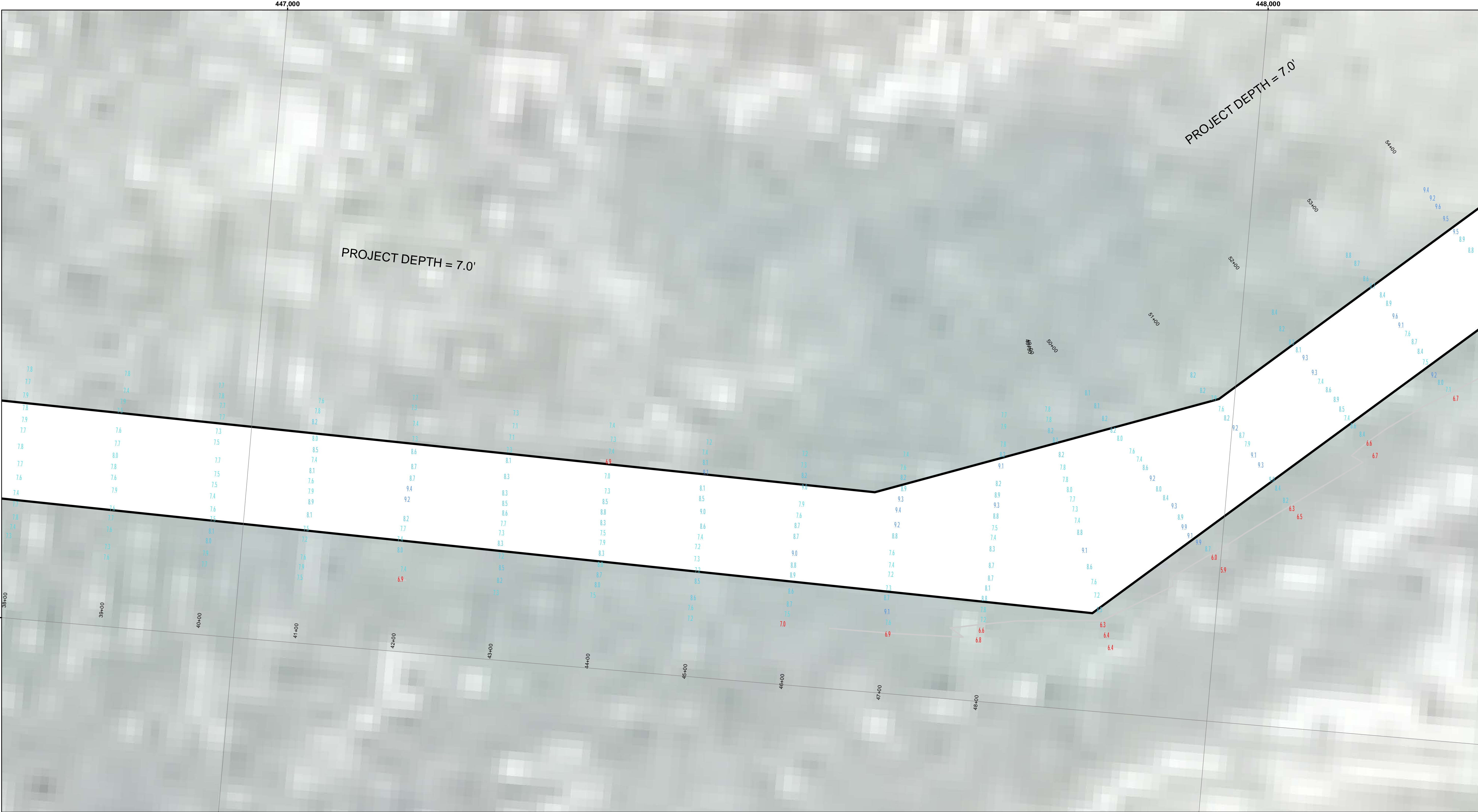
**ACCESS:** The United States Government (unlike these data and the recipient accepts and uses them with the express understanding that the United States Government makes no warranty, expressed or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the data. The data is provided to the recipient 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 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\_20210527\_CS**  
**27 May 2021**

**Sheet  
Reference  
Number**  
**24 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 SPS461 SUB-METER DGPS RECEIVER.

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 conducted for a specific purpose. The U.S. Army Corps of Engineers actively 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.

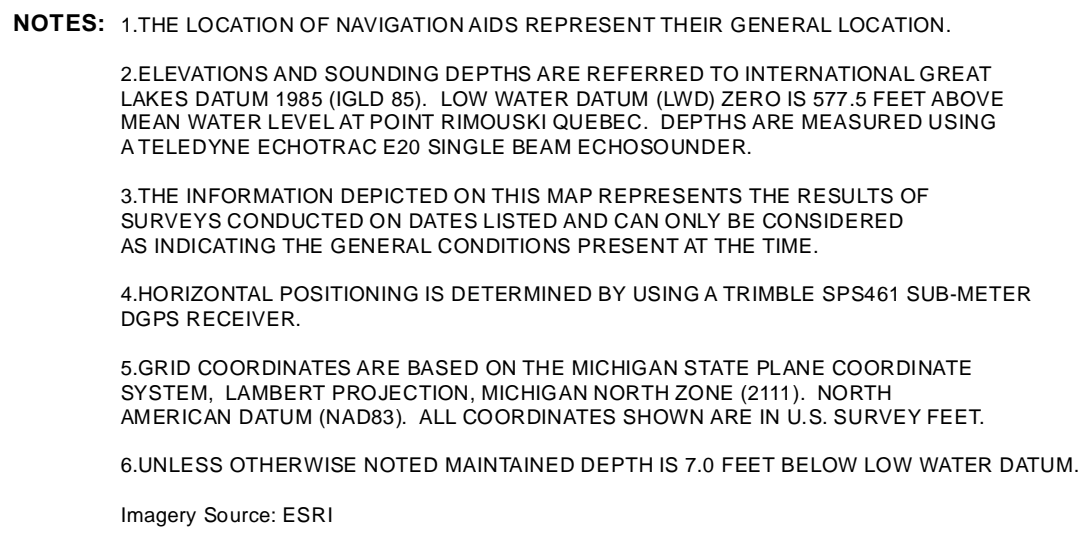
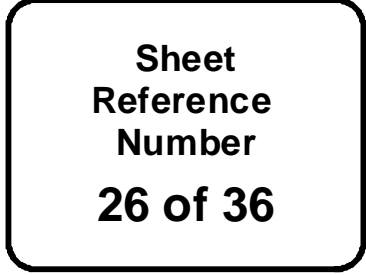
**ACCESS CONSTRAINTS:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data is not to be used for any other purpose, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for 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, Technical Services	

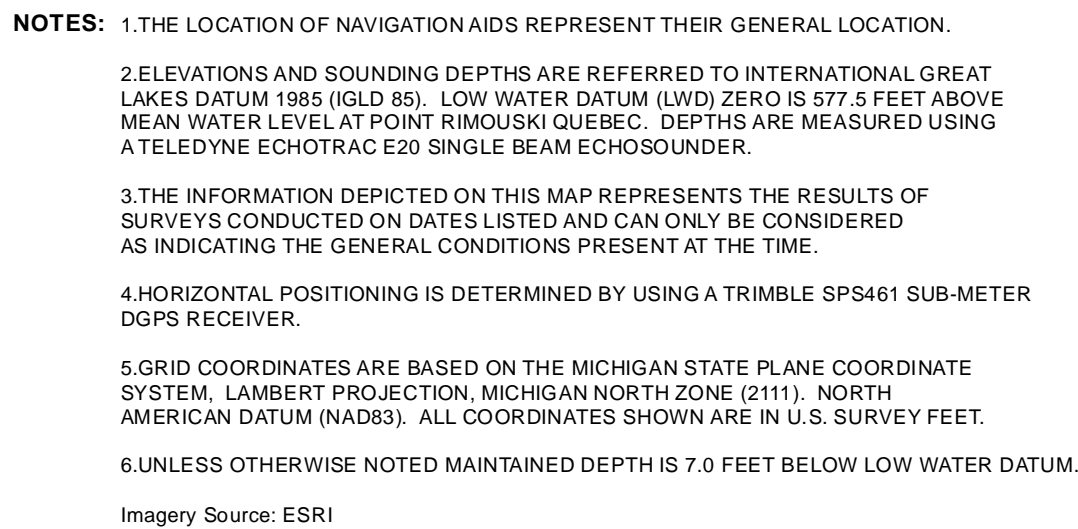
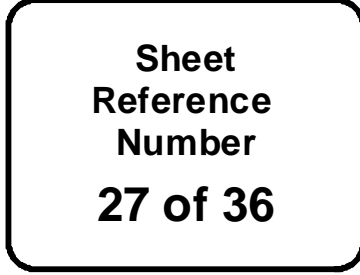
**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20210527\_CS**  
**27 May 2021**

**Sheet  
Reference  
Number**  
**25 of 36**

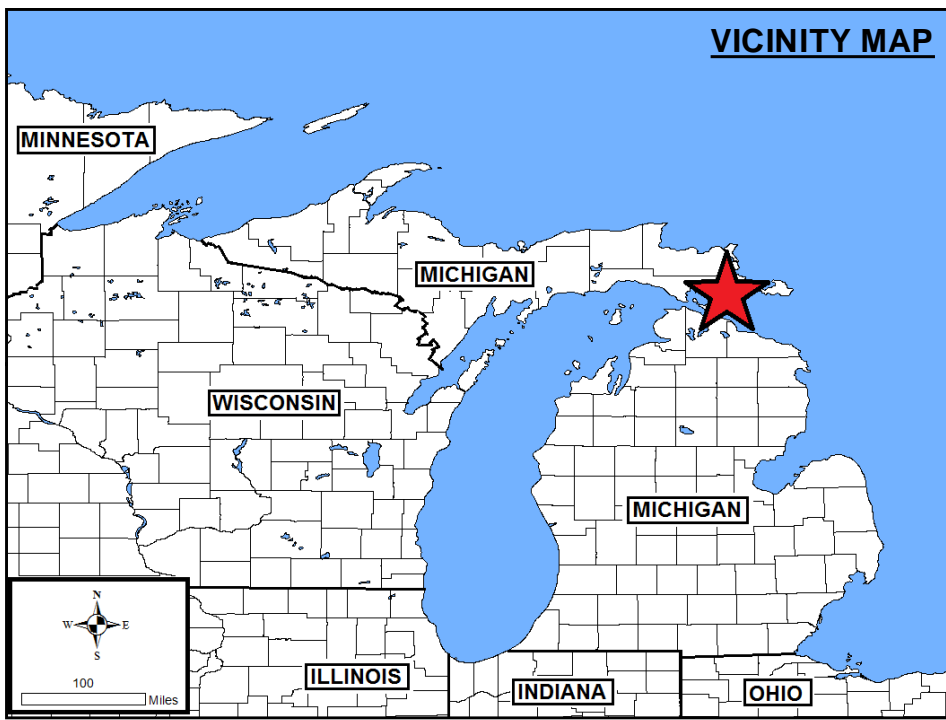
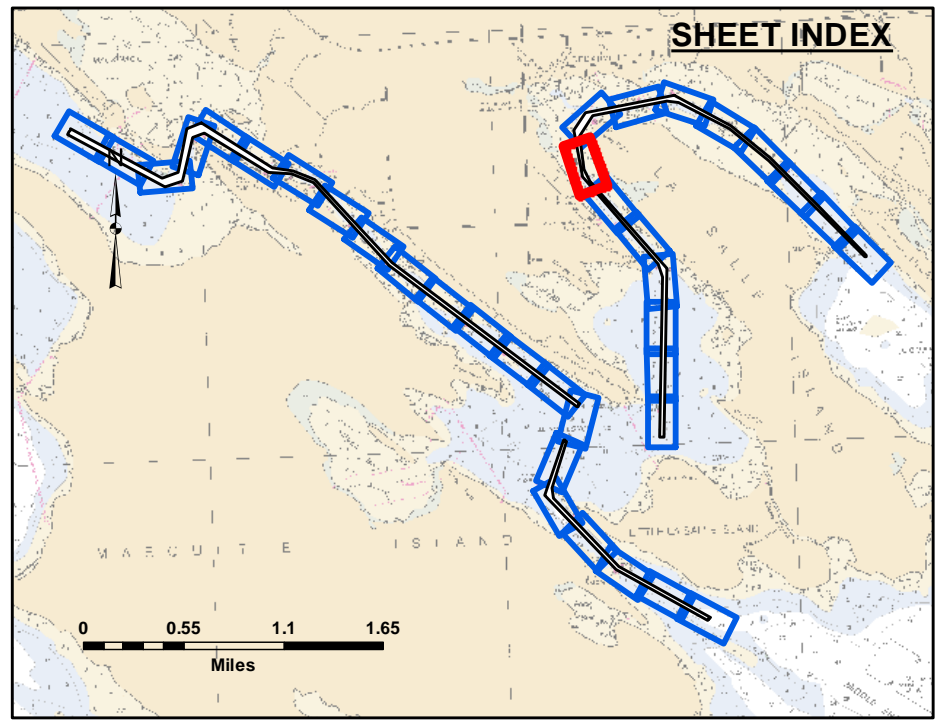
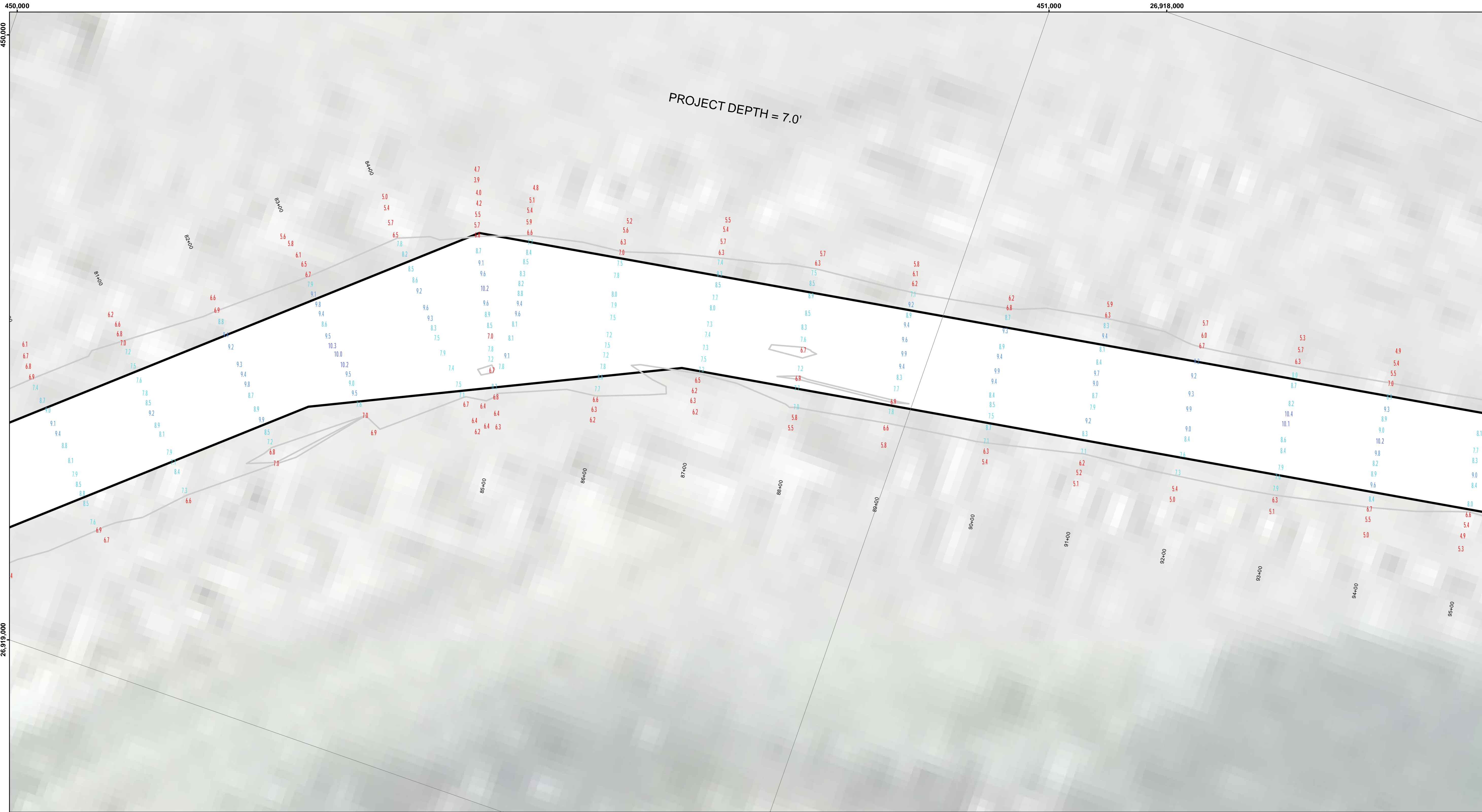












**LEGEND**

- ..... 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 SPS461 SUB-METER DGPS RECEIVER.

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

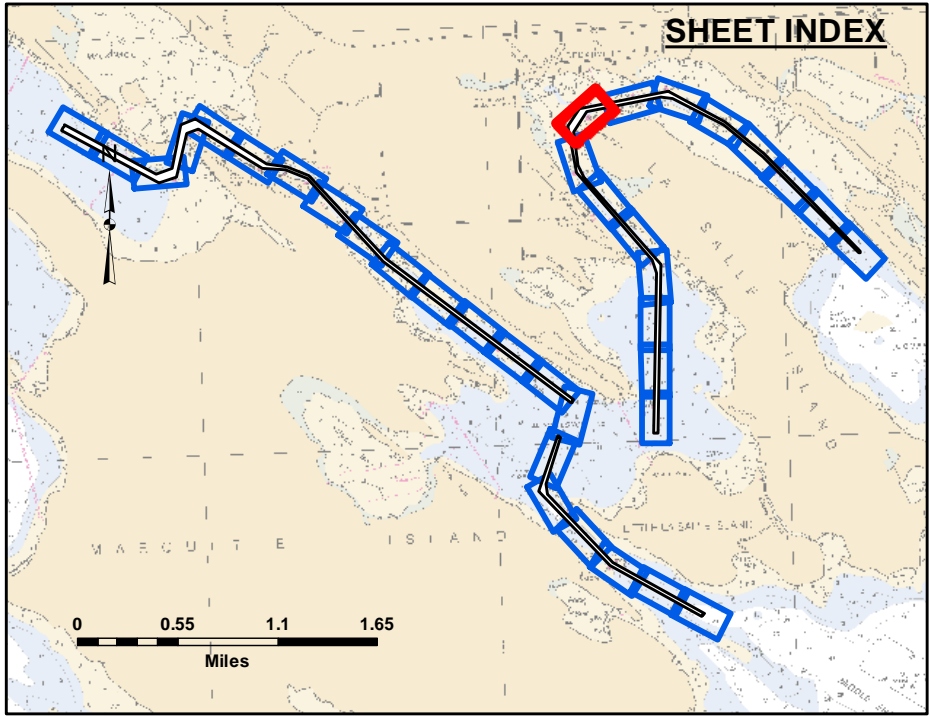
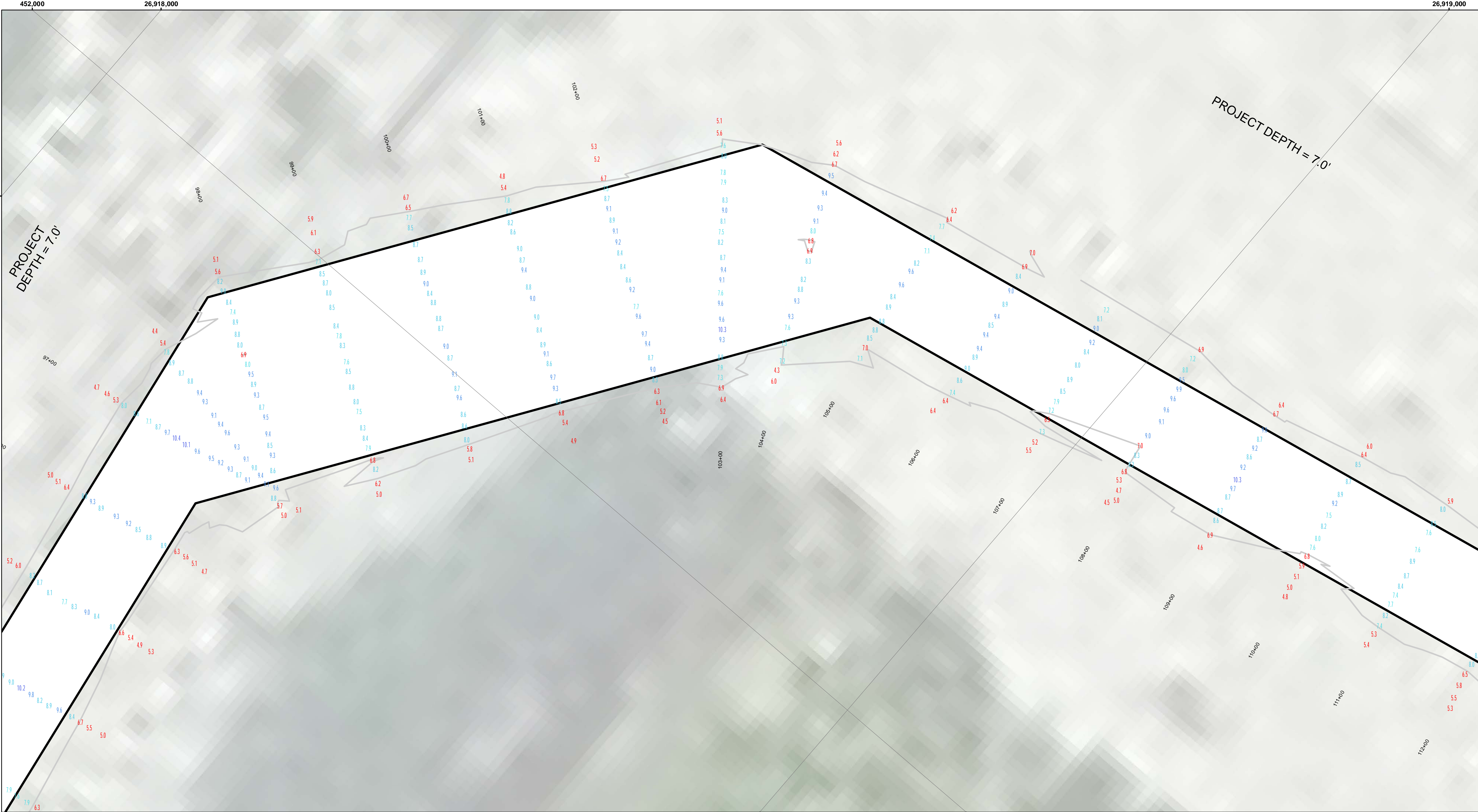
**DISCLAIMER:** The data represents the results of data collection and is not intended for use in any other manner than that for which it was collected. The data is not intended for use in any other manner than that for which it was collected. The data is not intended for use in any other manner than 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\_20210527\_CS**  
**27 May 2021**

**Sheet  
Reference  
Number**  
**28 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 SPS461 SUB-METER DGPS RECEIVER.

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

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

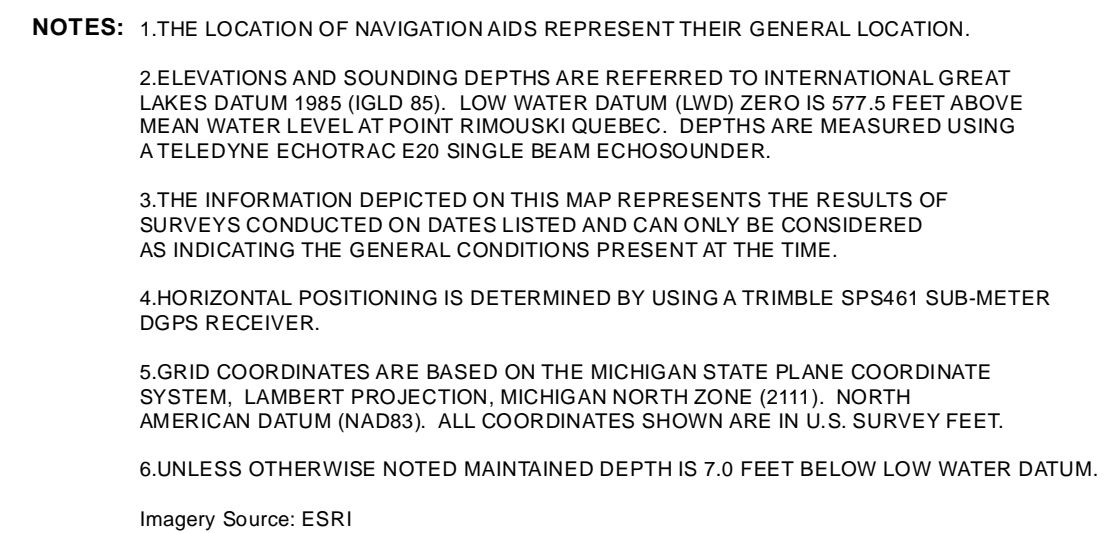
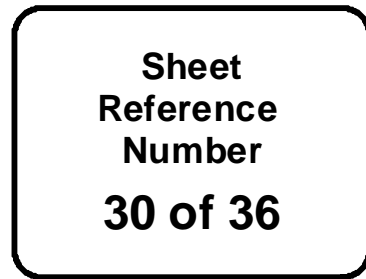
LS\_01\_CHX\_20210527\_CS

27 May 2021

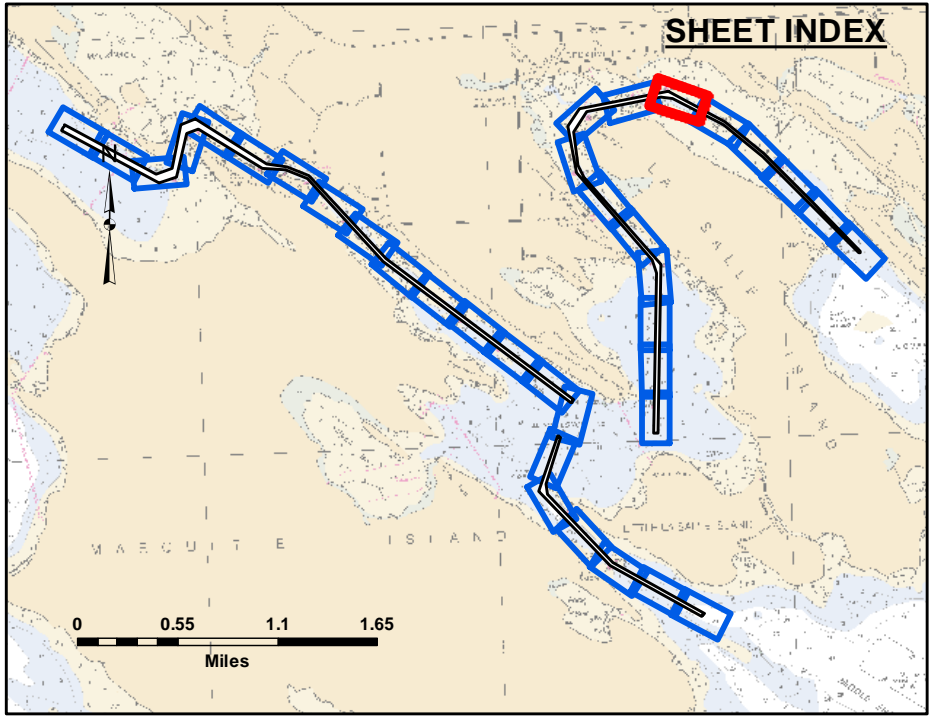
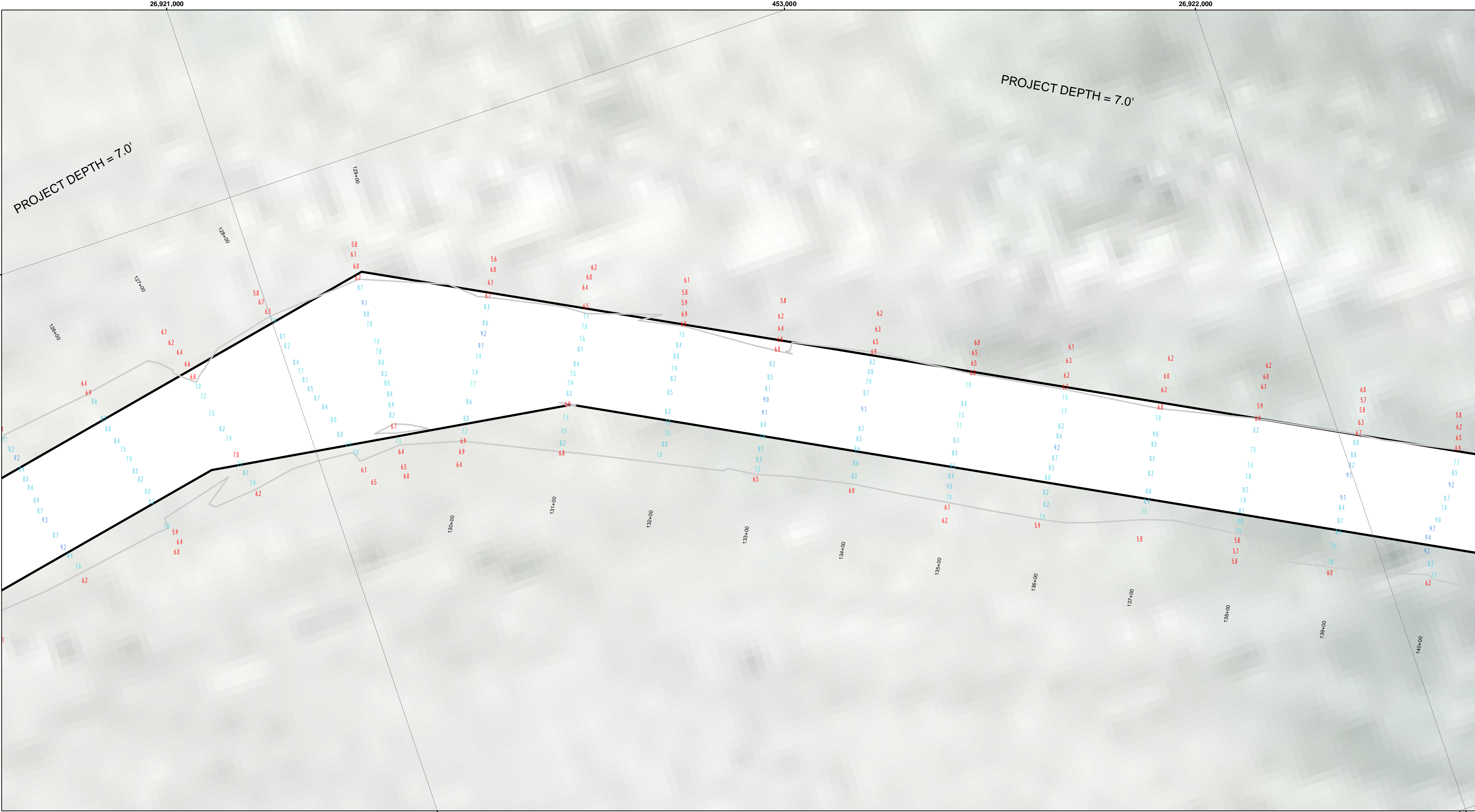
Sheet Reference Number

29 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 SPS461 SUB-METER DGPS RECEIVER.

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 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.

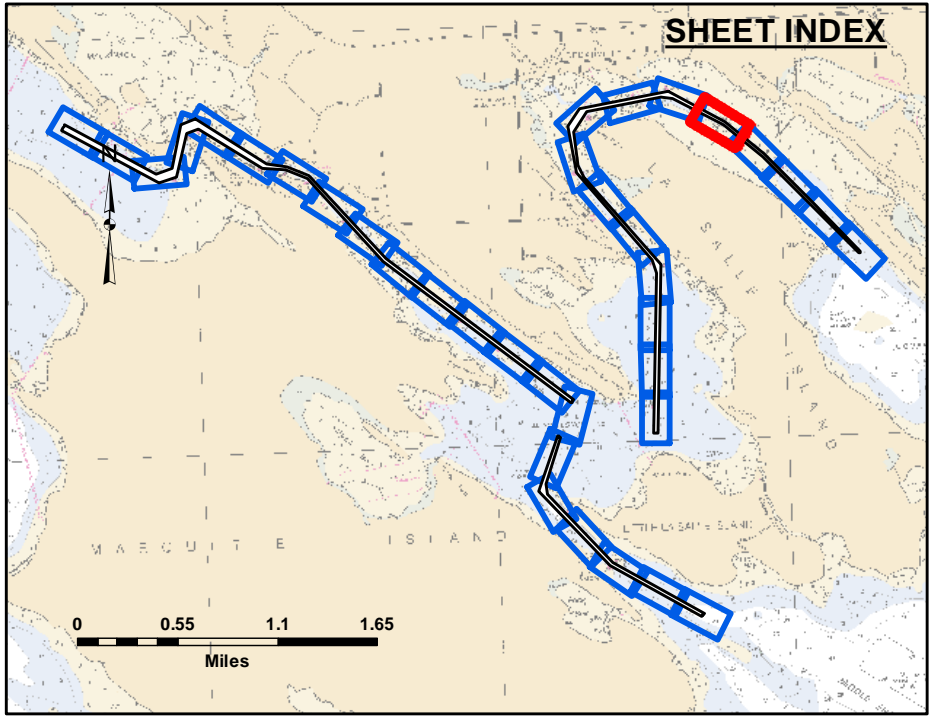
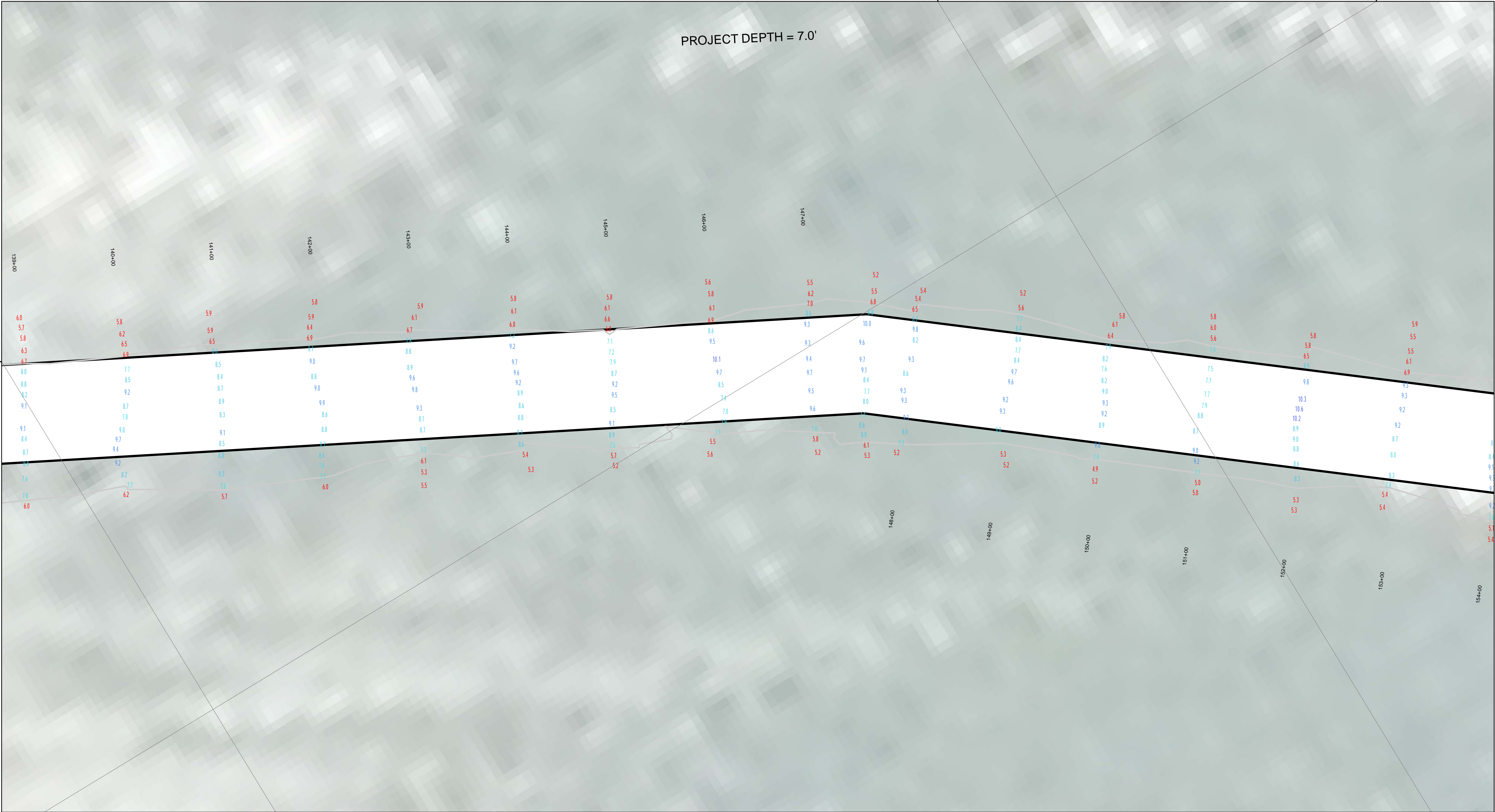
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data is not to be used for any purpose other than the intended purpose. The data is not to be used for any purpose other than the intended purpose. The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

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\_20210527\_CS**  
**27 May 2021**

**Sheet  
Reference  
Number**  
**31 of 36**



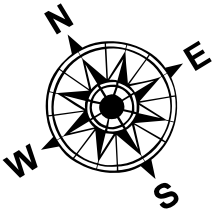


**LEGEND**

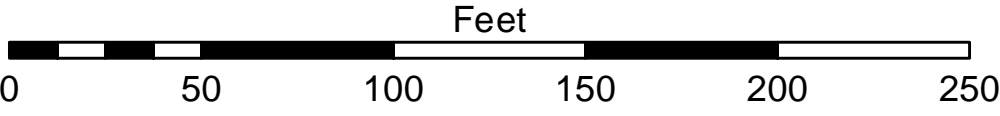
- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⌋ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**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 SPS461 SUB-METER DGPS RECEIVER.
- 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 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.

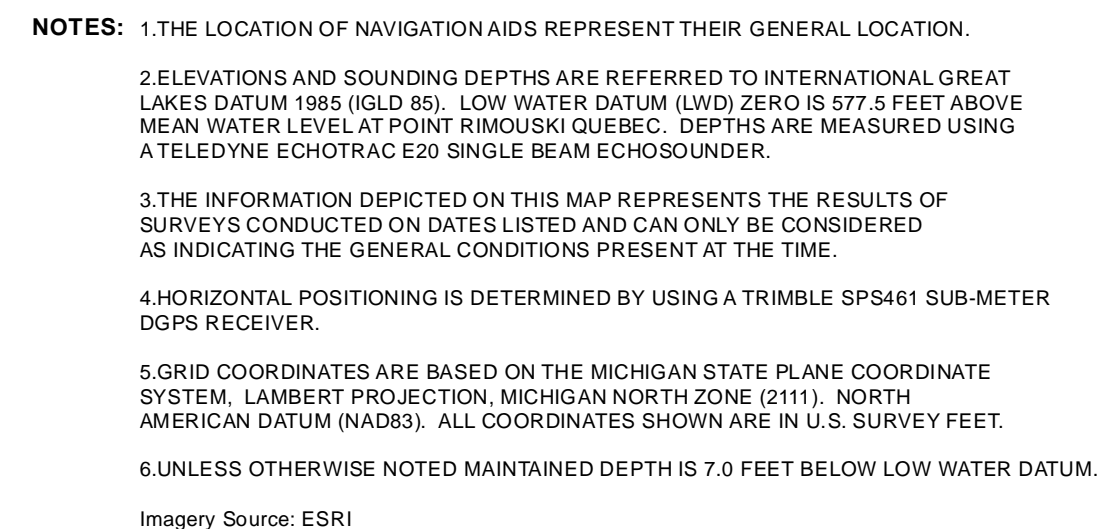
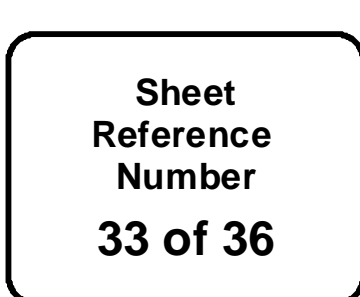
**ACCESS CONSTRAINTS:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any other purpose, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for 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. 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.

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

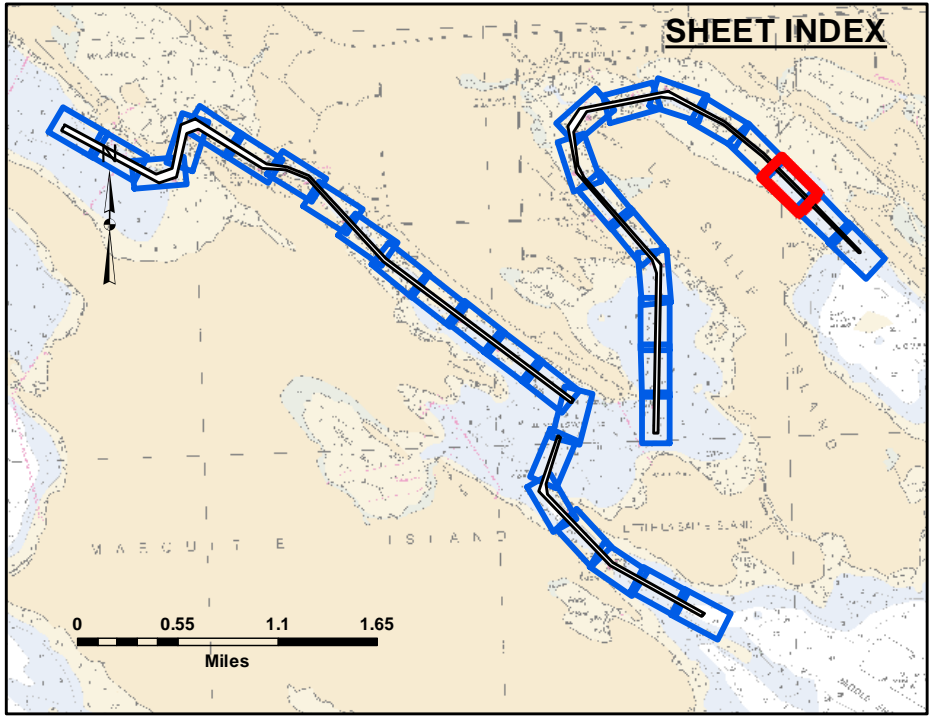
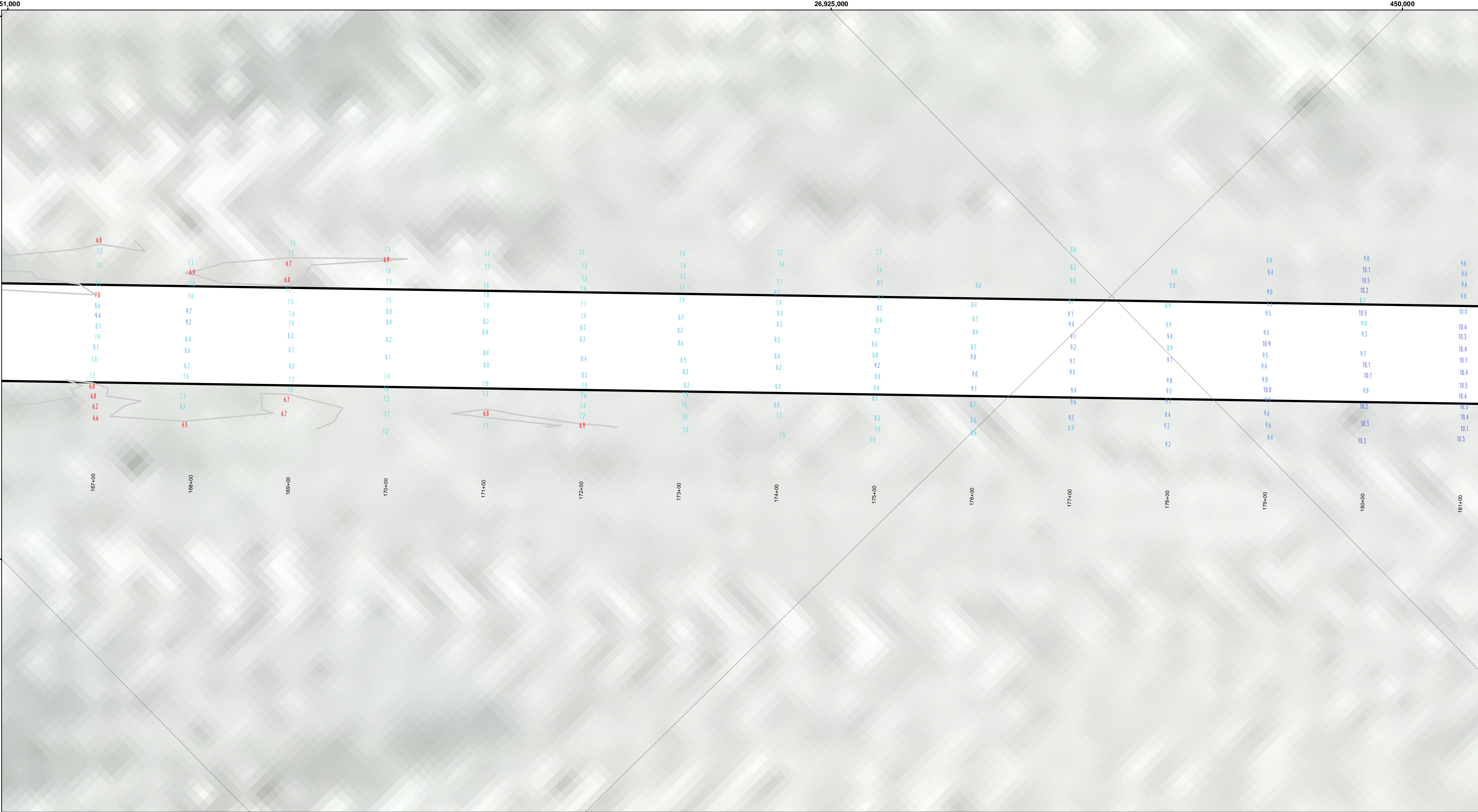
**Les Cheneaux Islands, MI**  
**Les Cheneaux Islands**  
**LS\_01\_CHX\_20210527\_CS**  
**27 May 2021**

**Sheet  
Reference  
Number**  
**32 of 36**









**LEGEND**

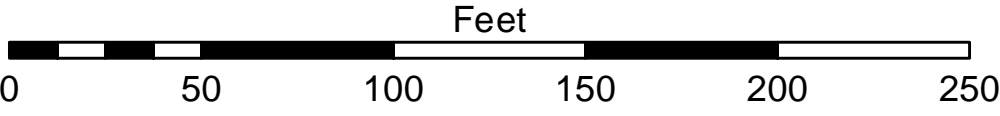
- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⚓ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**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 SPS461 SUB-METER DGPS RECEIVER.
- 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

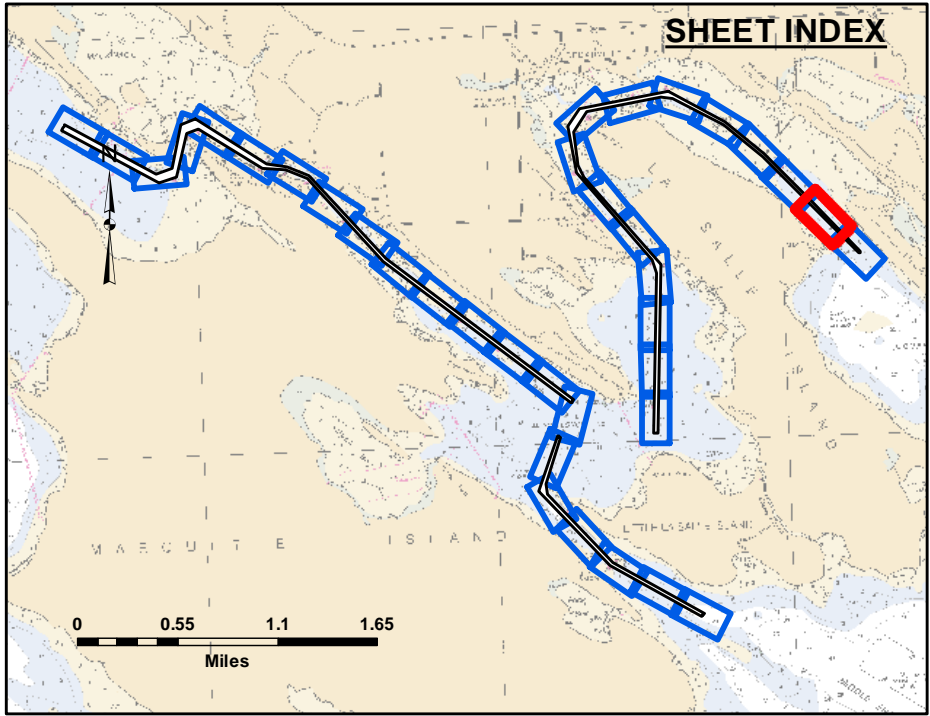
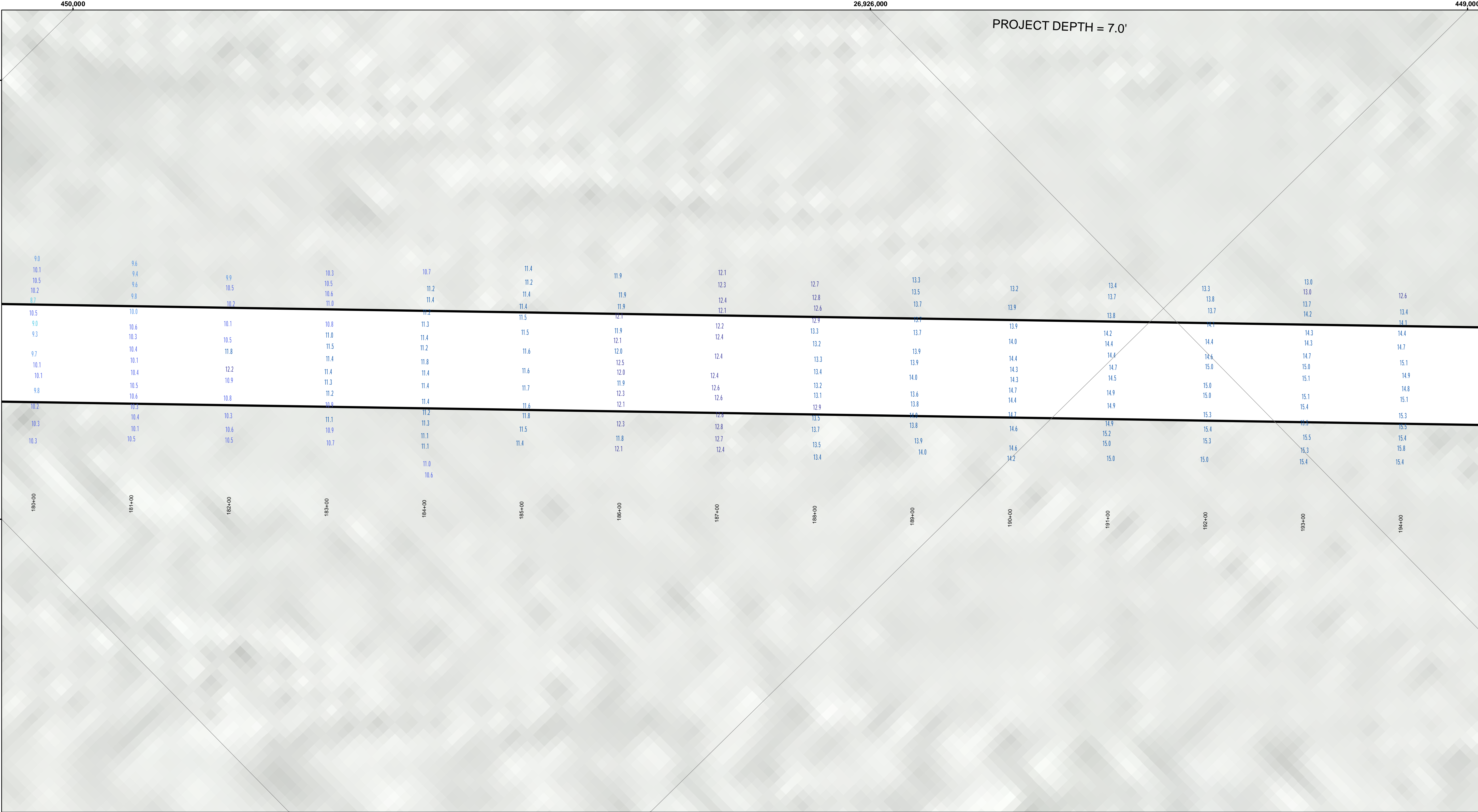
**DISCLAIMER:** The data represents the results of data collection and is not intended for use in any other manner than that for which it was collected. The data is not intended for use in any other manner than that for which it was collected. The data is not intended for use in any other manner than 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\_20210527\_CS**  
**27 May 2021**

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





**LEGEND**

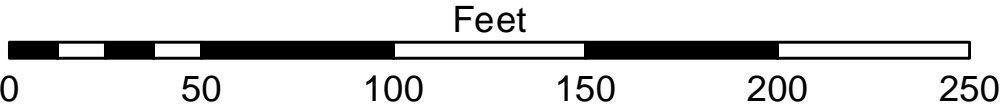
- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⌋ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**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 SPS461 SUB-METER DGPS RECEIVER.
  - 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 user is responsible for the results of any of the 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 of the application of the data for other than its intended purpose.

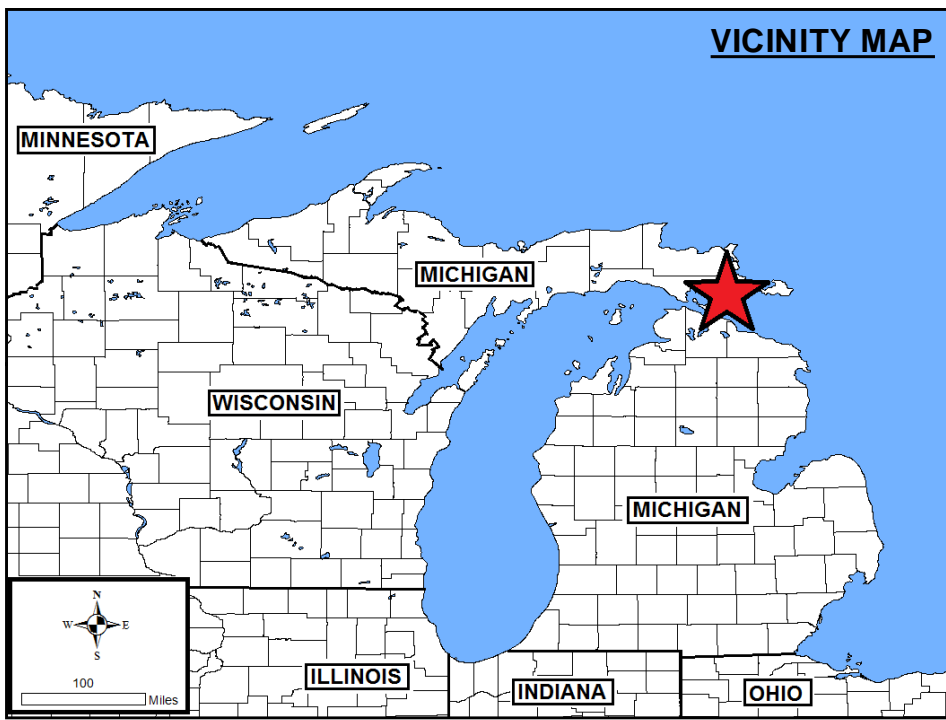
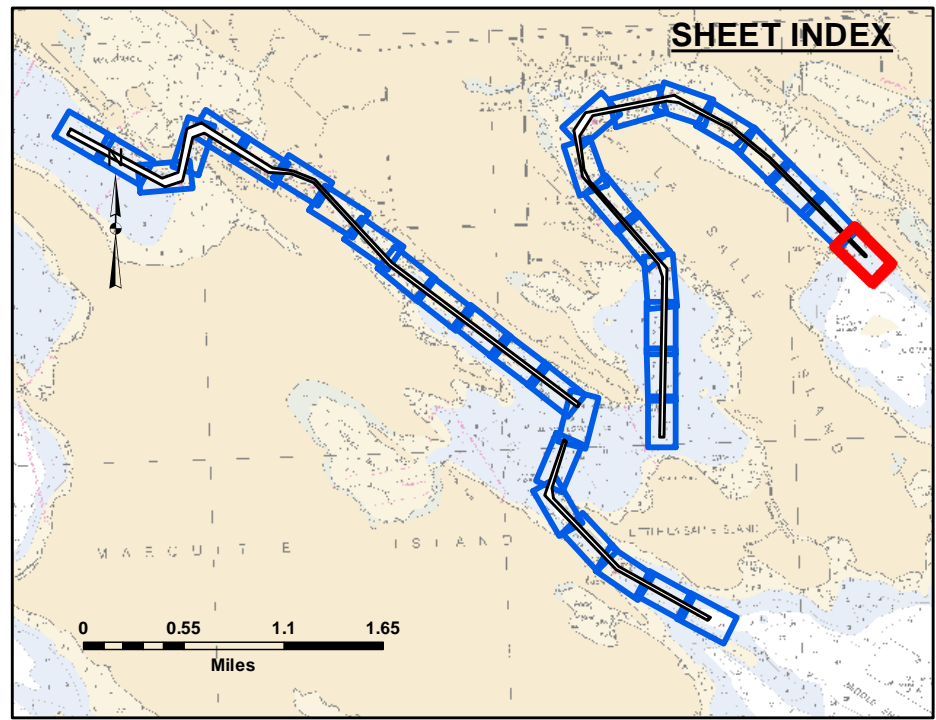
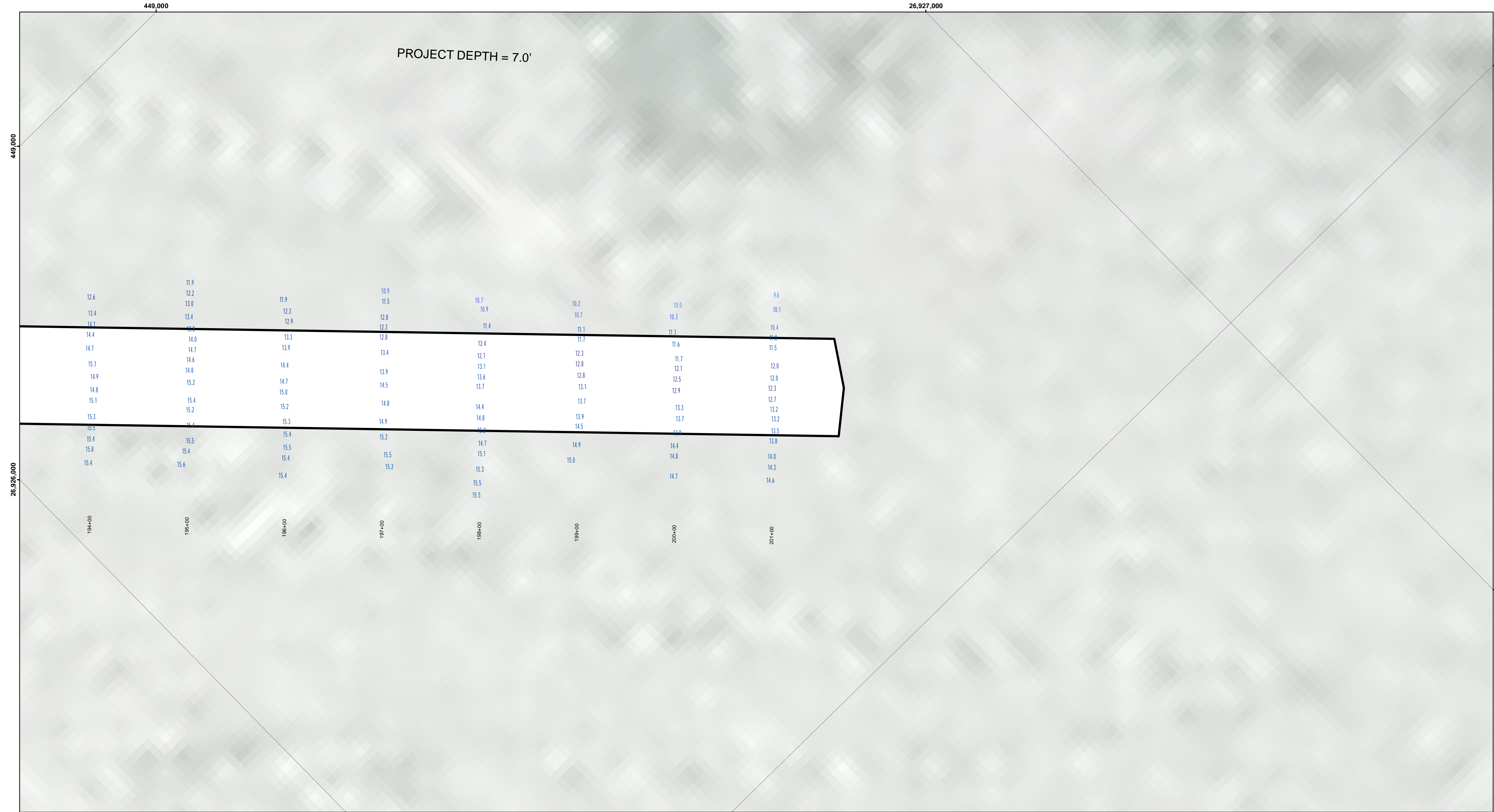
**ACCESS:** The United States Government (unlike these data and the recipient accepts and uses them with the express understanding that the data is not intended for use in any other manner than that for which it was collected. The user is responsible for the results of any of the application of the data for other than its intended purpose.

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\_20210527\_CS**  
**27 May 2021**

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





**LEGEND**

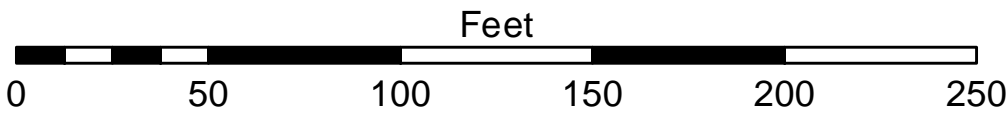
- ..... Cable Submarine
- Cable Overhead
- Placement Area
- ⌋ Beacon, General
- Contour Lines
- ▭ Channel\_Limits

**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 SPS461 SUB-METER DGPS RECEIVER.
  - 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



The data is valid. The data represents the results of data collection activities for a specific project. The U.S. Army Corps of Engineers activity and indicates the general existing conditions. The data is not intended to be used for any other purpose. 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 to be used for any purpose other than that for which they were provided. 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 for any purpose other than that for which they were provided. The data are not to be used for any purpose other than that for which they were provided.

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\_20210527\_CS  
27 May 2021

Sheet  
Reference  
Number  
36 of 36