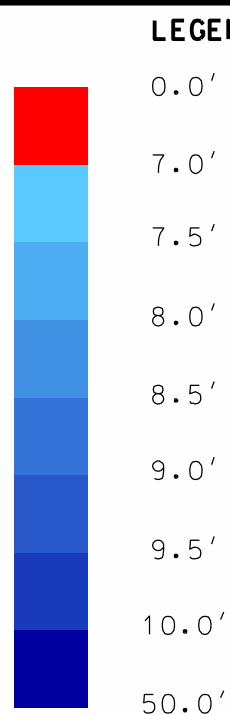
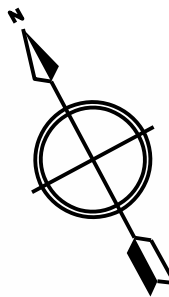
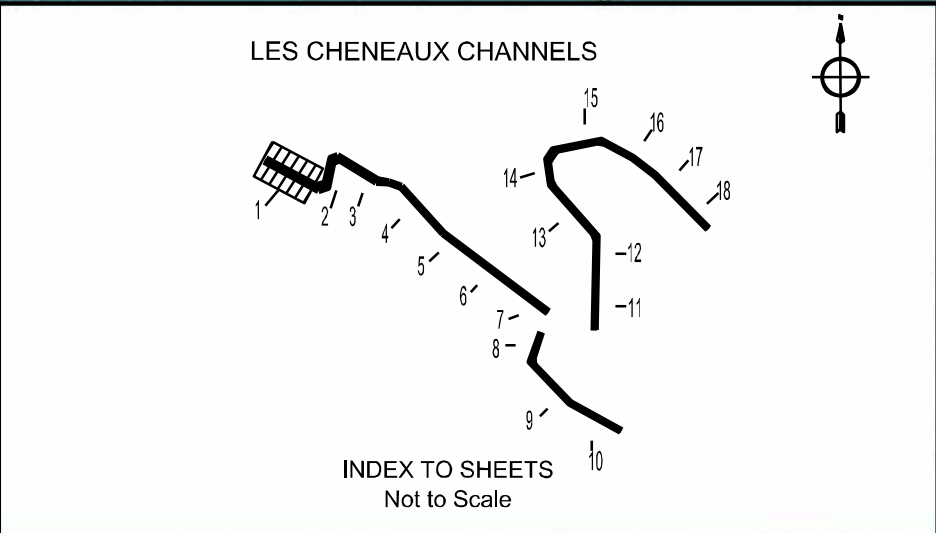


1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SPS461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
1	26903577.9	451826.1
FEDERAL CHANNEL LIMITS		
24	26903624.9	451914.3
25	26903530.9	451737.9



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[illegible]

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT DETROIT, MICHIGAN	SURVEYED BY: N. GUILD	DATE: 20190710
	DRAWN BY: CLO BY:	SOLICITATION NO.:
	SUBMITTED BY:	CONTRACT NO.:
SCO AREA'S OFFICE ST MARXES RIVER SECTION 119 EAST WATER STREET SAULT STE. MARIE, MI 49783	PLOT SCALE: T=1:100 ⁺	ISSUE DATE: LCCO-10-191.dgn
	FILE NAME:	FILE NUMBER:

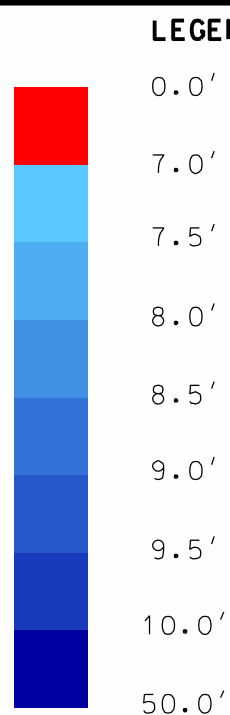
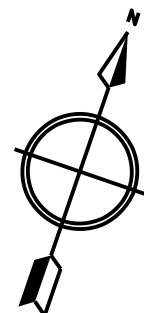
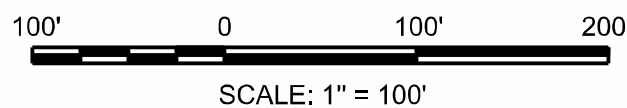
LES CHENEUX CHANNELS
CEDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

MAY 29 - 31 & JUNE 06, 2019

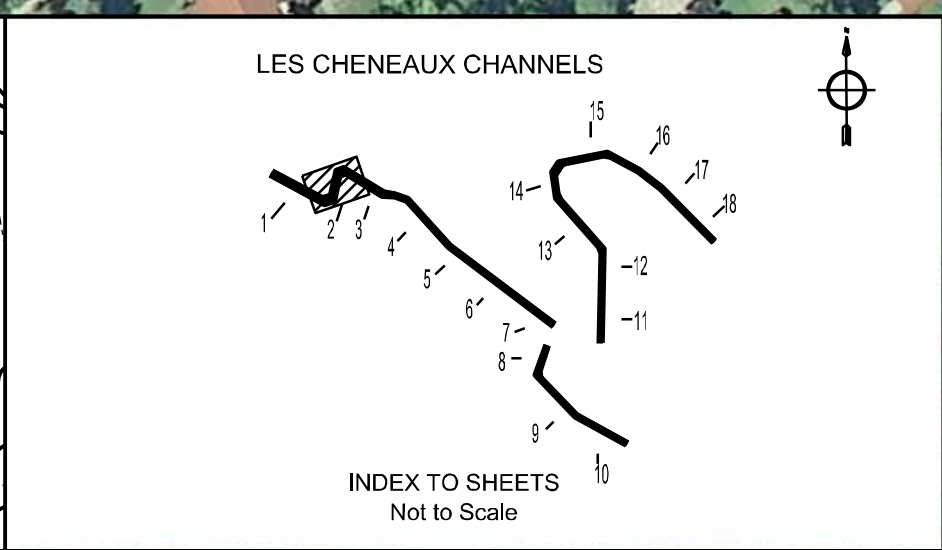
CONDITION SURVEY

SHEET
IDENTIFICATION
LCC-01

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SP5461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 571.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
2	26906314.2	450367.5
3	26906786.8	450530.9
4	26907071.7	451802.7
5	26907431.1	451951.8
FEDERAL CHANNEL LIMITS		
26	26906262.6	450508.3
27	26906365.9	450226.6
28	26906714.2	450664.5
29	26906859.3	450397.3
30	26906998.8	451934.9
31	26907144.5	451670.5
32	26907387.5	452096.1
33	26907474.6	451807.4



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[illegible]

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT DETROIT, MICHIGAN	SOO AREA OFFICE ST MARYS RIVER SECTION 119 EAST WATER STREET SAULT STE. MARIE, MI 49783	DRAWN BY: JTP CKD BY: JTP SUBMITTED BY:	SOLICITATION NO.: 201907/19 CONTRACT NO.:	FILE NUMBER: FILE NAME: LCC0101919.dgn SIZE:
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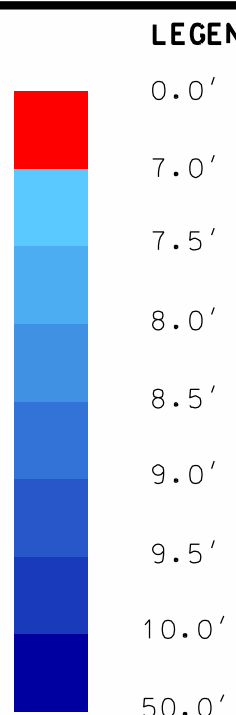
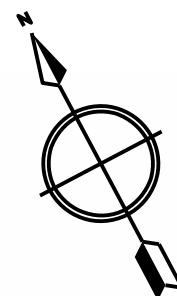
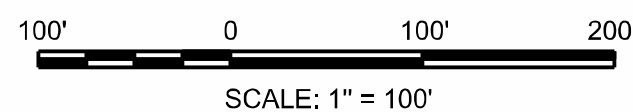
LES CHENEaux CHANNELS
CEDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

MAY 29 - 31 & JUNE 06, 2019

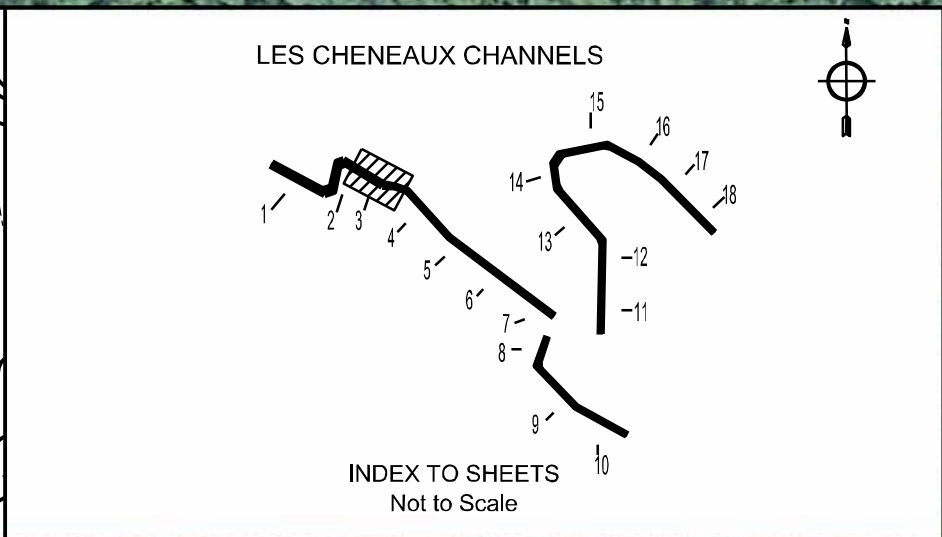
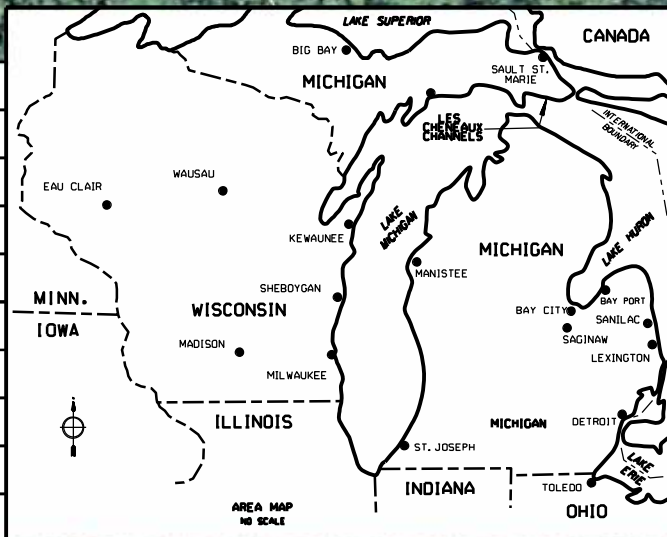
CONDITION SURVEY

SHEET
IDENTIFICATION
LCC-02

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SP5461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 571.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
6	26909393.2	450741.9
7	26910040.2	450656.6
FEDERAL CHANNEL LIMITS		
34	26909483.8	450803.5
35	26909359.0	450645.5
36	26910052.1	450705.4
37	26910028.6	450607.6



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[illegible]

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT DETROIT, MICHIGAN	OWN BY: NPG JTP	CD BY: JTP	20190719
SOO AREA OFFICE ST MARIE'S RIVER SECTION 119 EAST WATER STREET SAULT STE. MARIE, MI 49783	SUBMITTED BY:	CONTRACT NO.:	FILE NUMBER:
	PLOT SCALE:	ISSUE DATE:	FILE NAME:
	SIZE:	DATE:	LOC:010191.dgn

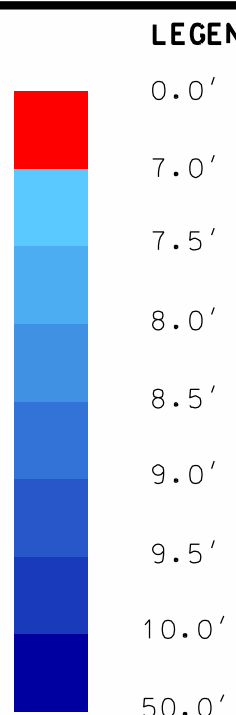
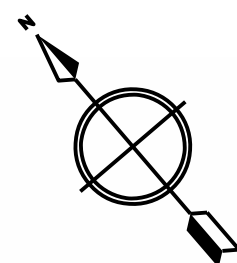
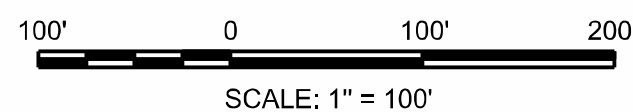
LES CHENEUX CHANNELS
EDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

MAY 29 - 31 & JUNE 06, 2019

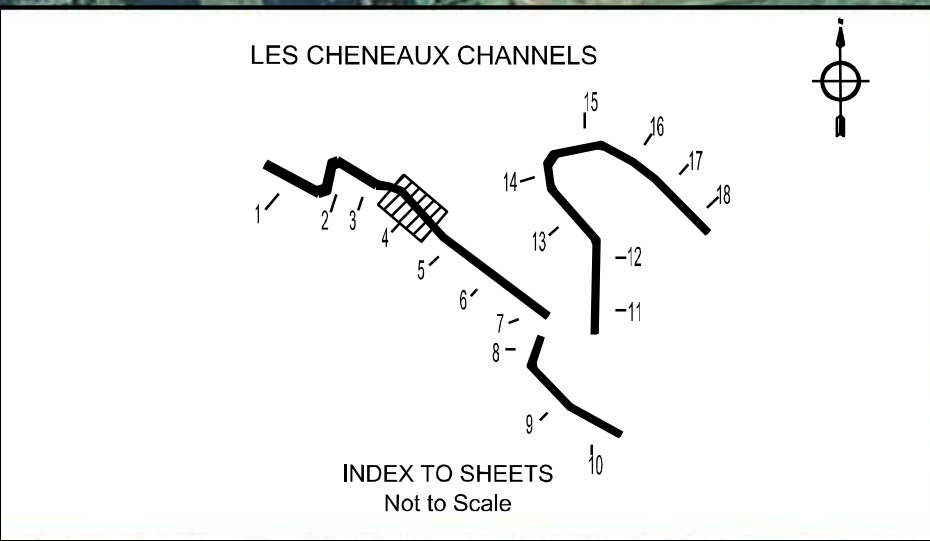
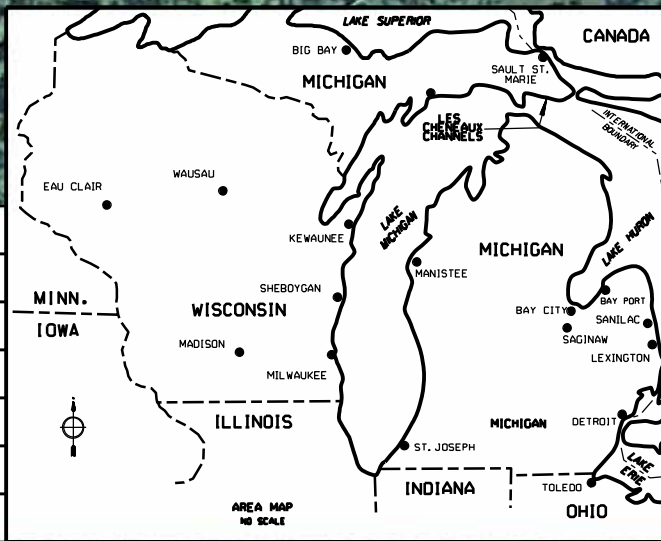
CONDITION SURVEY

SHEET
IDENTIFICATION
LCC-03
SHEET 3 OF 18

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SP5461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 571.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
8	26910684.4	450426.0
FEDERAL CHANNEL LIMITS		
38	26910712.9	450468.9
39	26910655.9	450383.0



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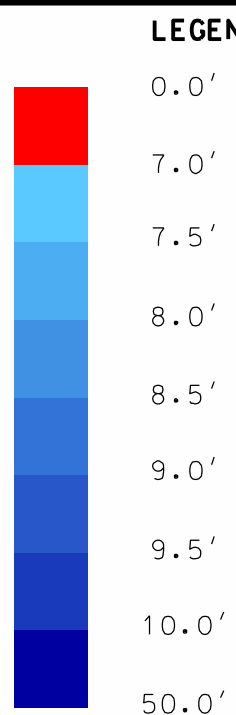
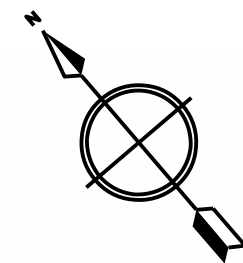
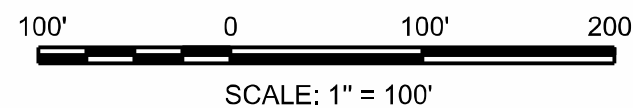
LES CHENEaux CHANNELS
CEDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

MAY 29 - 31 & JUNE 06, 2019

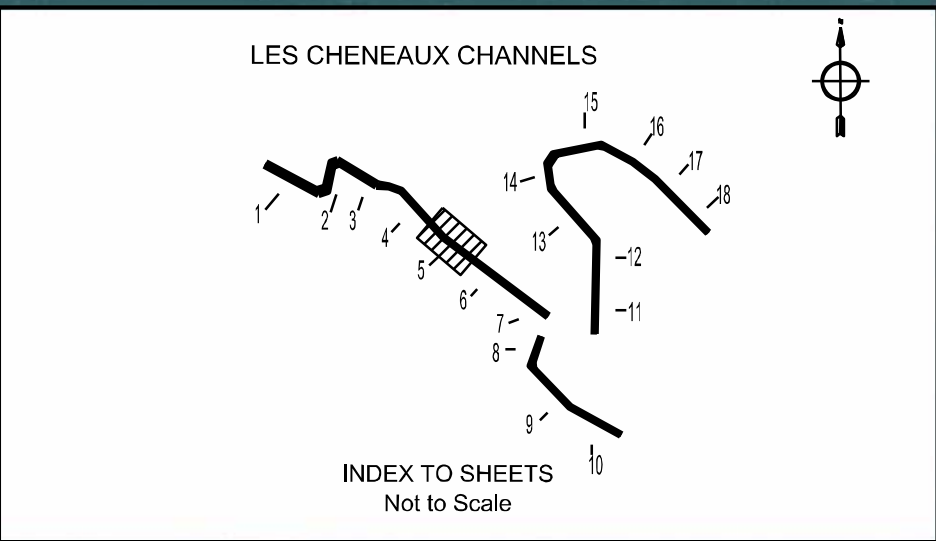
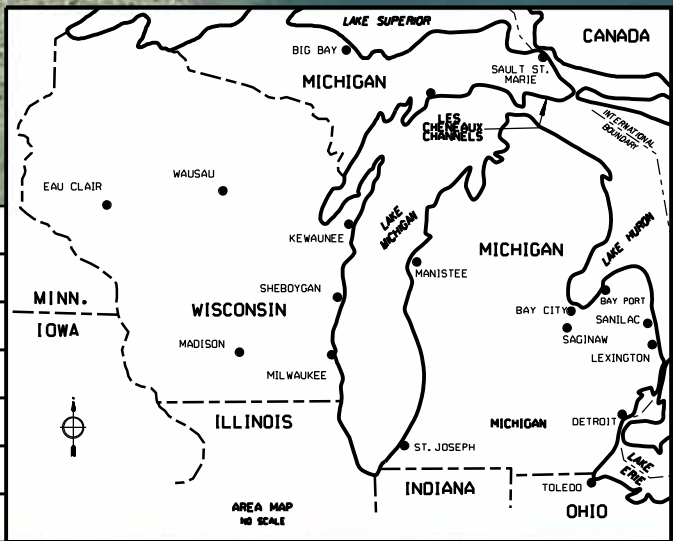
CONDITION SURVEY

SHEET
IDENTIFICATION
LCC-04
SHEET 4 OF 18

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SP5461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 571.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
9	26912881.4	448015.0
FEDERAL CHANNEL LIMITS		
40	26912915.2	448052.2
41	26912847.7	447977.8

[illegible]

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT DETROIT, MICHIGAN	SURVEYED BY: DAVID W. WITZ	
	SOLICITATION NO.:	
	OWN BY: NPG	CKD BY: JTP
	SUBMITTED BY:	
SOCO AREA OFFICE ST MARV'S RIVER SECTION 119 EAST WATER STREET SAULT STE. MARIE, MI 49783	PLOT SCALE:	
	ISSUE DATE:	
	FILE NAME	FILE NUMBER:
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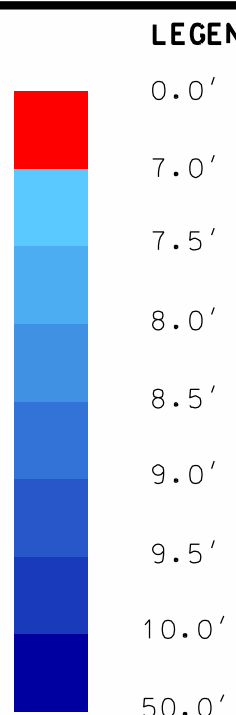
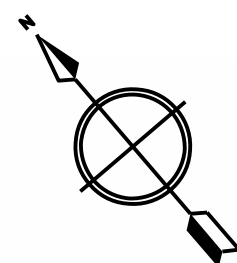
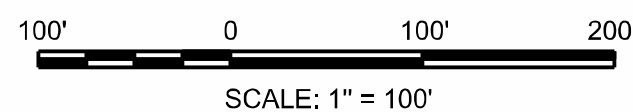
LES CHENEAUX CHANNELS
CEDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

MAY 29 - 31 & JUNE 06, 2019

CONDITION SURVEY

SHEET
IDENTIFICATION
LCC-05
SHEET 5 OF 18

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SP5461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 571.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



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[illegible]

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT DETROIT, MICHIGAN	SURVEYED BY: DATE: 07/10		SOLICITATION NO.:	
	DRAWN BY: NPS		CWD BY: JTP	
	SUBMITTED BY:		CONTRACT NO.:	
	PLOT SCALE: 1" = 100'		ISSUE DATE:	
SOO AREA OFFICE ST MARY'S RIVER SECTION 119 EAST WATER STREET SAULT STE. MARIE, MI 49783	FILE NAME: LCCN-10-191.dgn		FILE NUMBER:	

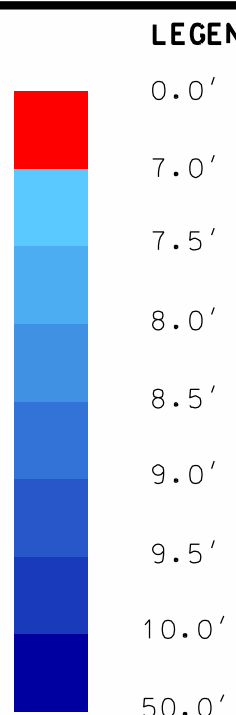
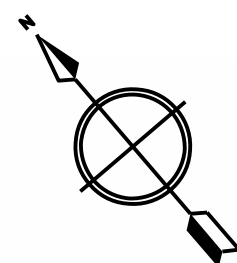
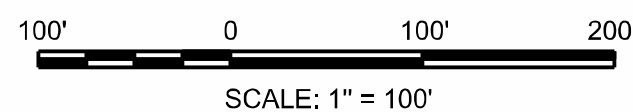
LES CHENEUX CHANNELS
CEDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

MAY 29 - 31 & JUNE 06, 2019
CONDITION SURVEY

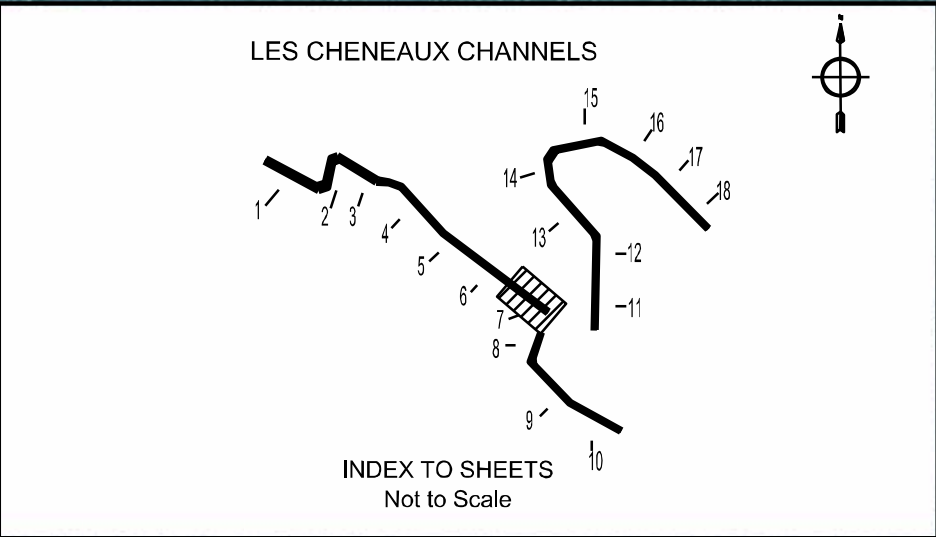
SHEET
IDENTIFICATION
LCC-06

SHEET 6 OF 18

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SP5461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 571.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
	CHANNEL CENTERLINE	
10	26918338.6	443897.6
FEDERAL CHANNEL LIMITS		
42	26918361.6	443942.9
43	26918304.4	443860.8



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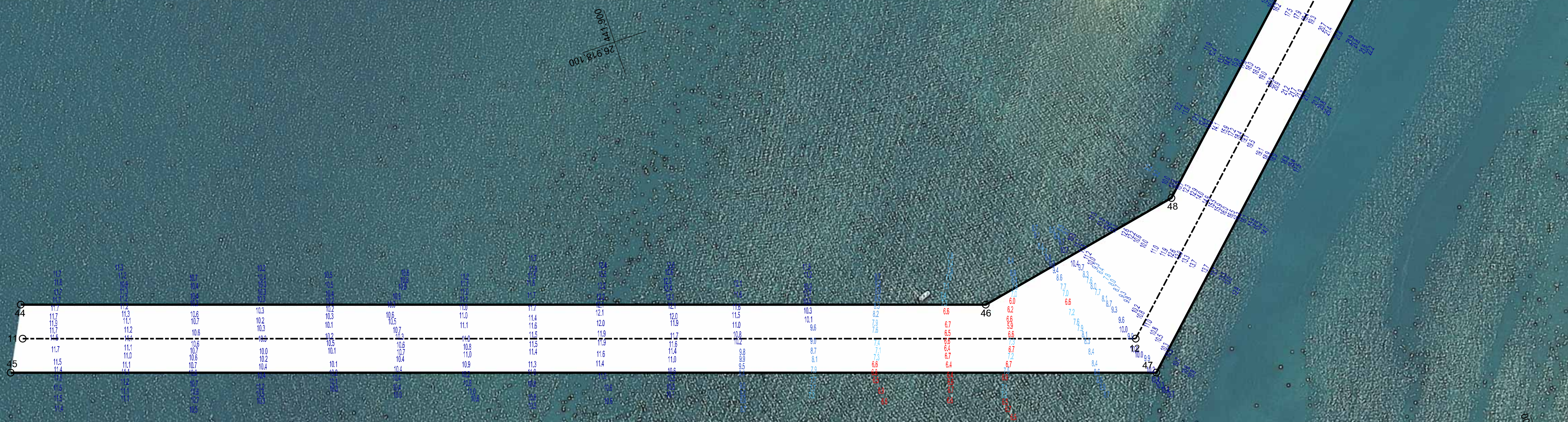
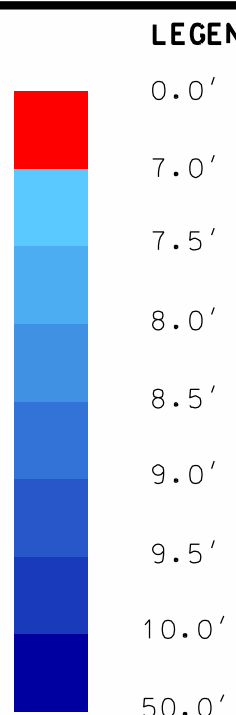
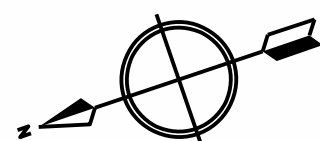
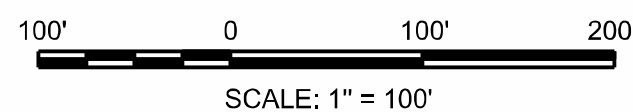
U.S. ARMY CORPS OF ENGINEERS	SERVED BY:	DATE:
DETROIT DISTRICT	DWN BY:	20190710
DETROIT, MICHIGAN	CKD BY:	
	W/P:	SOLICITATION NO.:
	SUBMITTED BY:	CONTRACT NO.:
300 AREA OFFICE		FILE NUMBER:
ST MARIE RIVER SECTION	PLOT SCALE:	ISSUE DATE:
119 EAST WATER STREET	P = 100'	FILE NAME:
SAULT STE. MARIE, MI 49783	ANSD	FILE NO. 10191.dgn

LES CHENEUX CHANNELS
CEDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

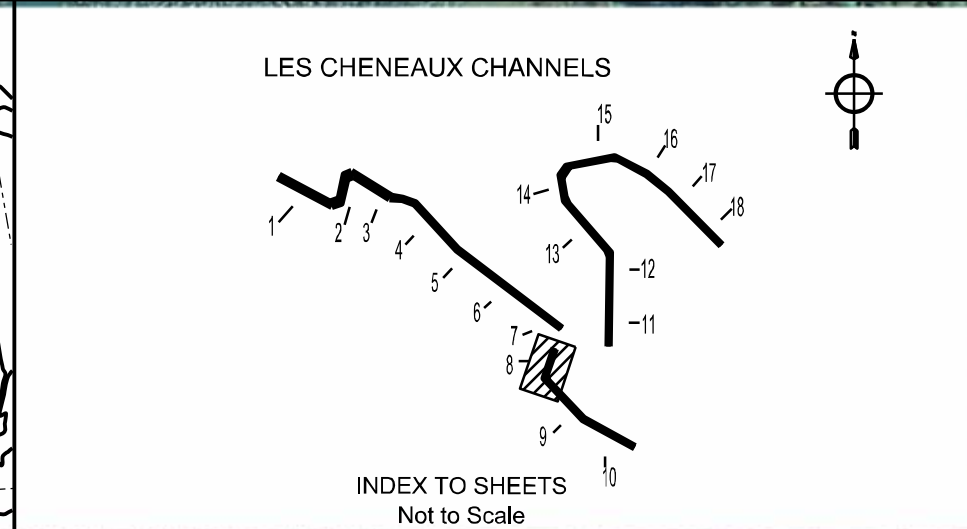
MAY 29 - 31 & JUNE 06, 2019
CONDITION SURVEY

SHEET
IDENTIFICATION
LCC-07

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SP5461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 571.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
11	26917965.8	442864.2
12	26917441.4	441313.8
FEDERAL CHANNEL LIMITS		
44	26918014.1	442850.8
45	26917924.1	442896.9
46	26917559.4	441506.7
47	26917384.4	441301.2
48	26917620.4	441197.8



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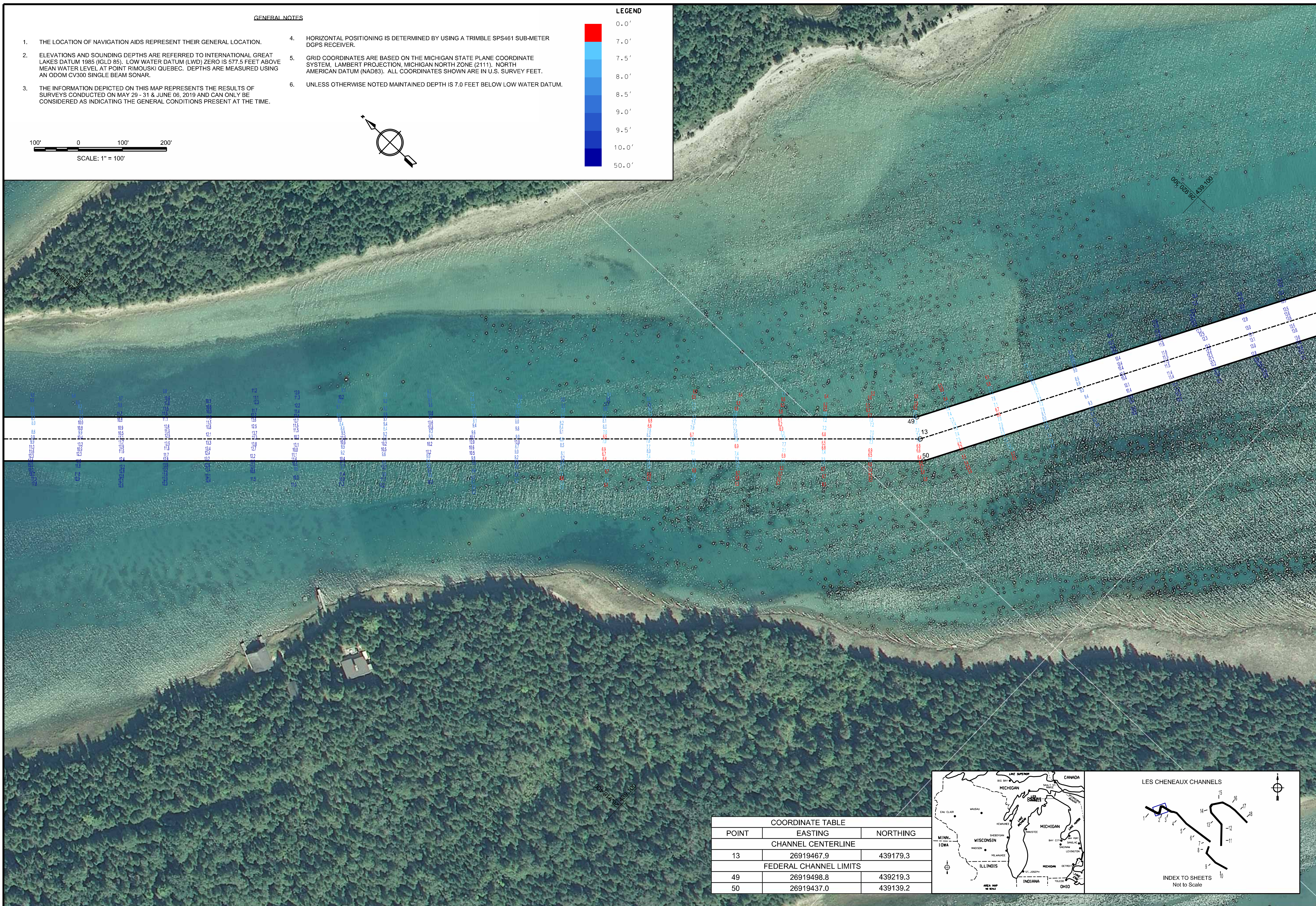
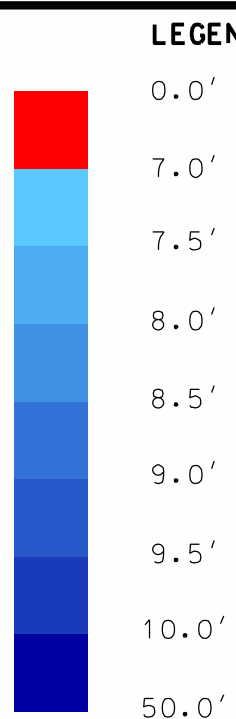
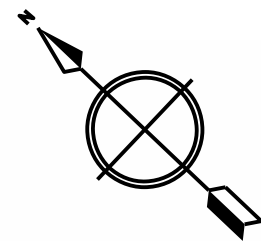
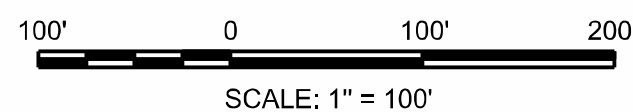
LES CHENEUX CHANNELS
CEDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

MAY 29 - 31 & JUNE 06, 2019

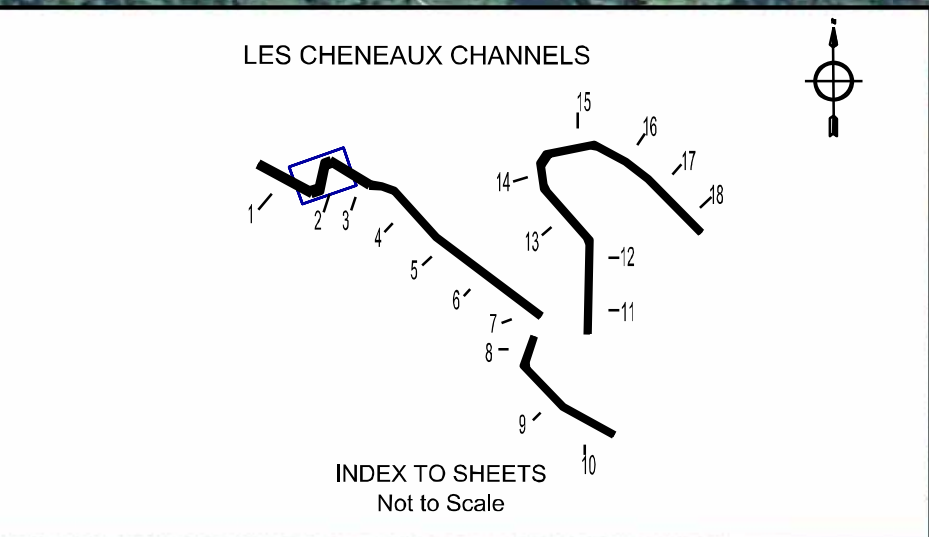
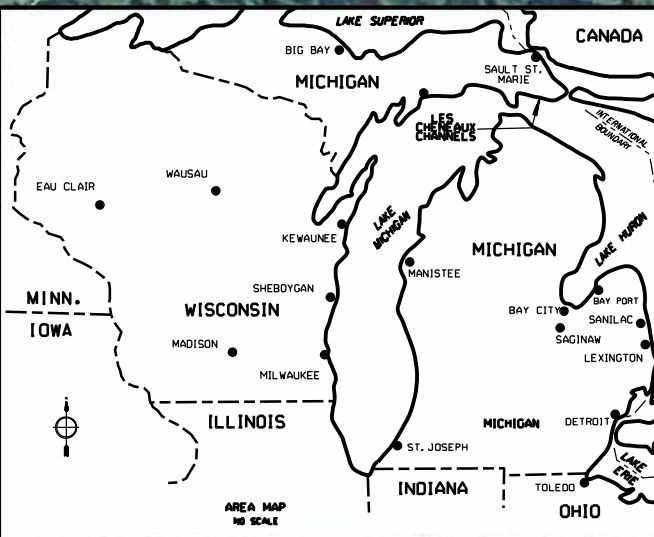
CONDITION SURVEY

SHEET
IDENTIFICATION
LCC-08

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SPS461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (LOW WATER DATUM) (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
13	26919467.9	439179.3
FEDERAL CHANNEL LIMITS		
49	26919498.8	439219.3
50	26919437.0	439139.2



**US Army Corps
of Engineers®**

[illegible]

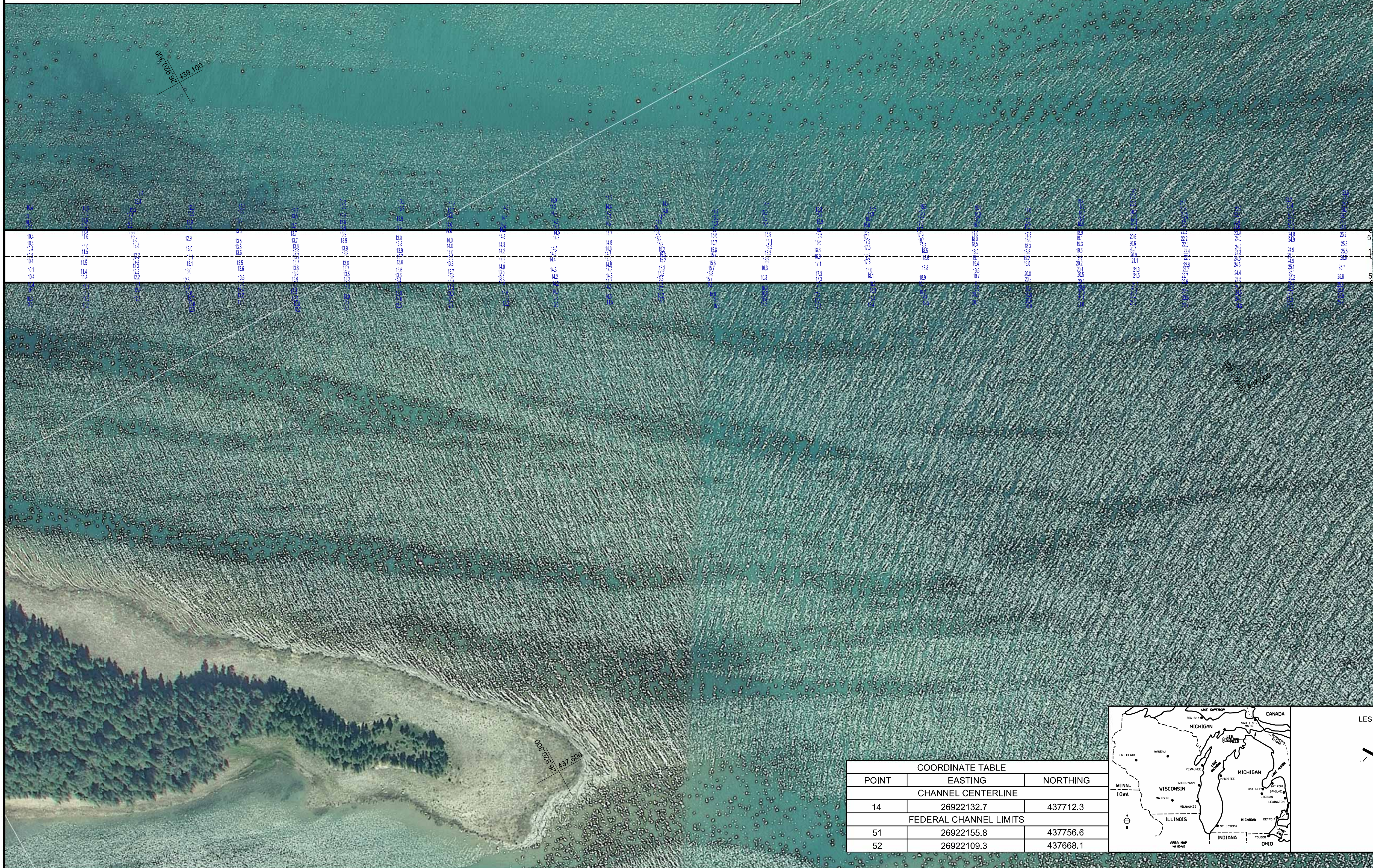
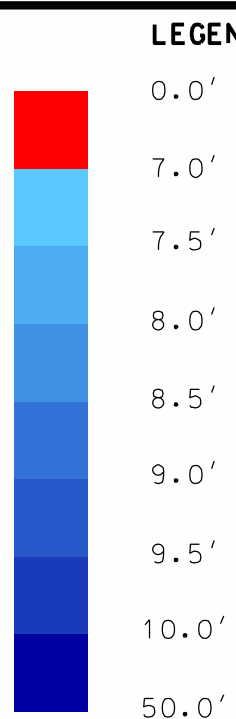
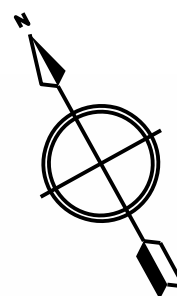
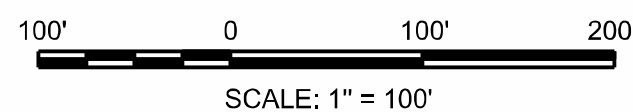
U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT DETROIT, MICHIGAN	SUBMITTED BY: MR. GUILD	DATE: 20/03/0710
	OWN BY: MRS. JTP	SOLICITATION NO.:
SOO AREA OFFICE ST MARYS RIVER SECTION 119 EAST WATER STREET SAULT STE. MARIE, MI 49783	SUBMITTED BY:	CONTRACT NO.:
	PLAT SCALE: 1" = 100'	FILE NUMBER:
ANSI D		FILE NAME: LCC0101619.dgn

LES CHENEUX CHANNELS
CEDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

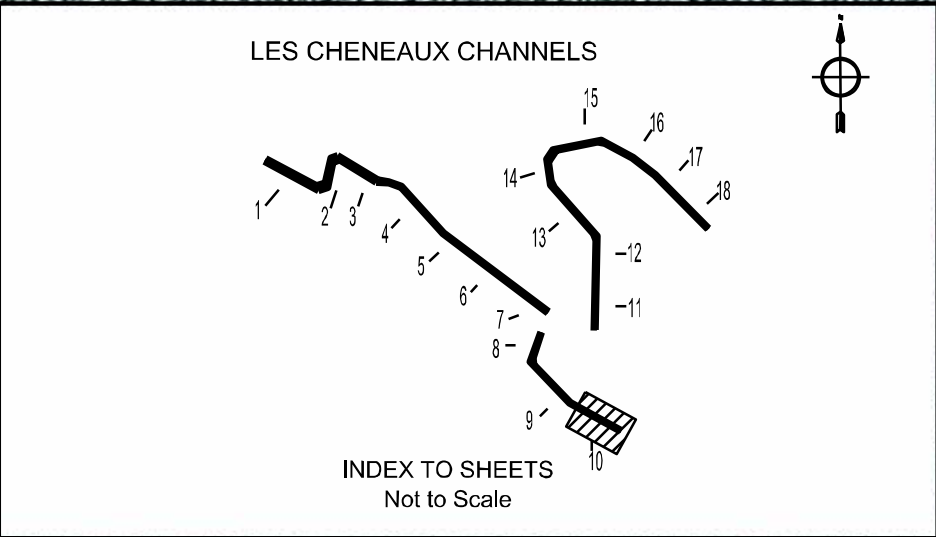
MAY 29 - 31 & JUNE 06, 2019
CONDITION SURVEY

SHEET
IDENTIFICATION
LCC-09

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SP5461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 571.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
14	26922132.7	437712.3
FEDERAL CHANNEL LIMITS		
51	26922155.8	437756.6
52	26922109.3	437668.1



**US Army Corps
of Engineers®**

[illegible]

U.S. ARMY CORPS OF ENGINEERS	SERVED BY:	DATE:
DETROIT DISTRICT	DWN BY:	20190710
DETROIT, MICHIGAN	CND BY:	N.GUILD
	W/P:	
	SUBMITTED BY:	SOLICITATION NO.:
		CONTRACT NO.:
	PLOT SCALE:	FILE NUMBER:
	T = 100'	FILE NAME:
	ANSI	LCCD-10181B.dgn
SOO AREA OFFICE		
ST MARIES RIVER SECTION		
119 EAST WATER STREET		
SAULT STE. MARIE, MI 49783		

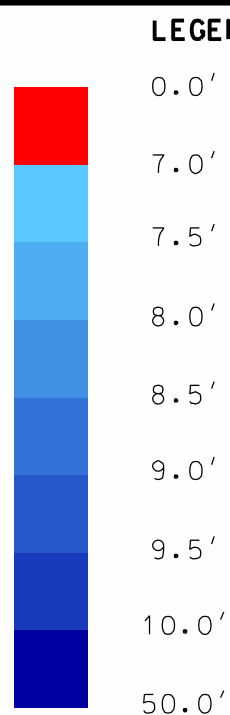
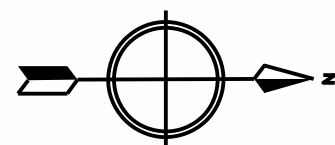
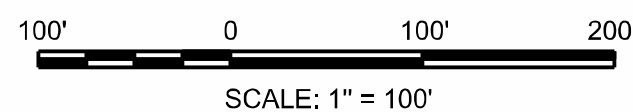
LES CHENEaux CHANNELS
CEDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

MAY 29 - 31 & JUNE 06, 2019

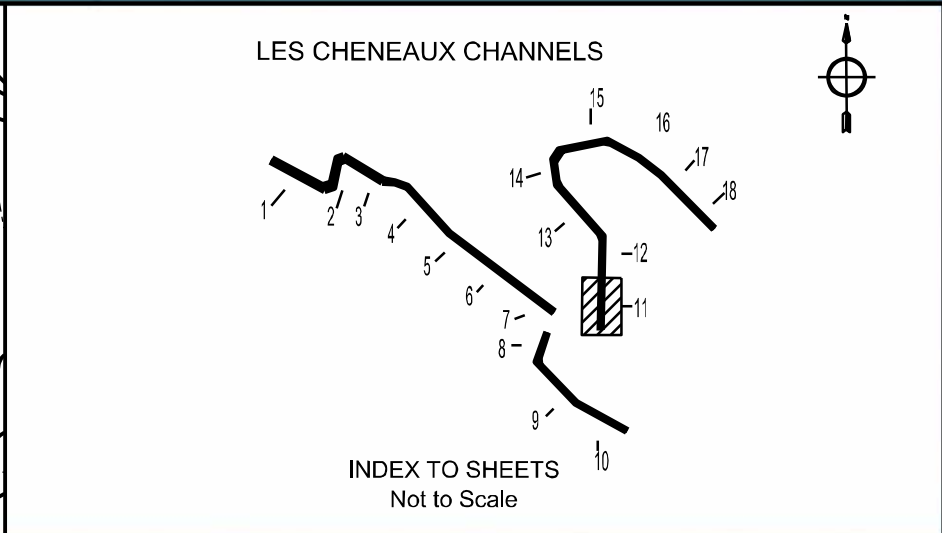
CONDITION SURVEY

SHEET
IDENTIFICATION
LCC-10
SHEET 10 OF 18

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SP5461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 571.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
15	26920757.7	442966.7
FEDERAL CHANNEL LIMITS		
53	26920807.8	442966.8
54	26920707.7	442964.0



**US Army Corps
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[illegible]

U.S. ARMY CORPS OF ENGINEERS		DATE: 20180719	
DETROIT DISTRICT		IN CHARGE	
DETROIT, MICHIGAN		SOLICITATION NO.:	
		CDD BY:	
		JUN	
		CONTRACT NO.:	
		SUBMITTED BY:	
SQO AREA OFFICE		PLOT SCALE:	
ST MARY'S RIVER SECTION		100	
119 EAST WATER STREET		FILE NAME:	
SAULT STE. MARIE, MI 49783		SIZE	
		LCCW-1015191.dgn	

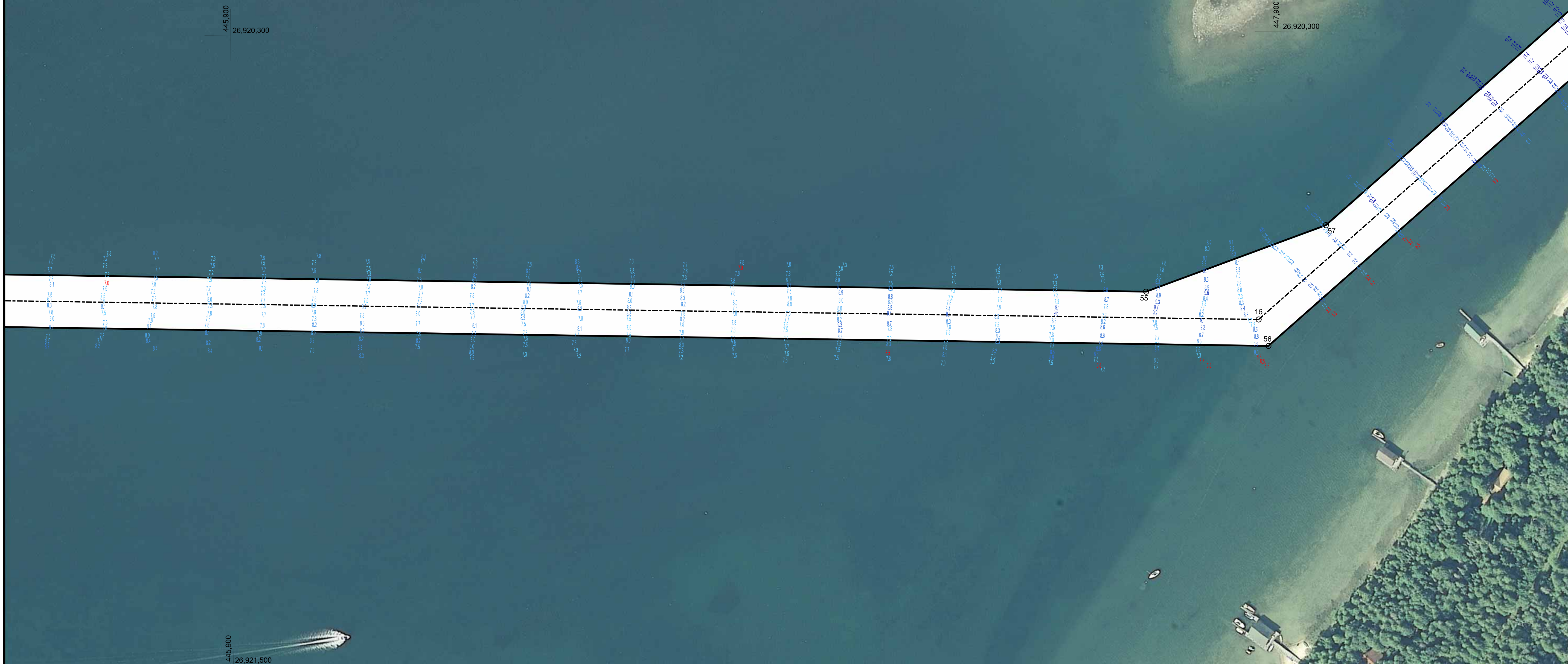
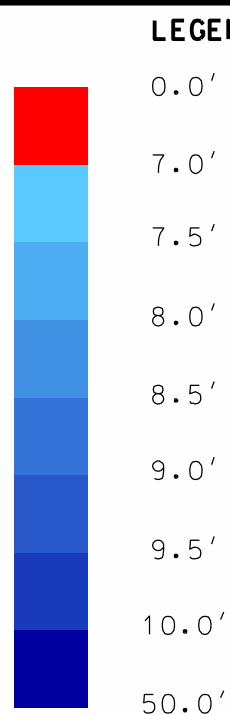
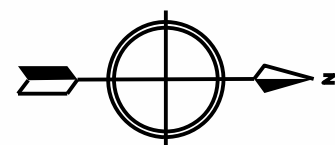
LES CHENEUX CHANNELS
CEDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

MAY 29 - 31 & JUNE 06, 2019

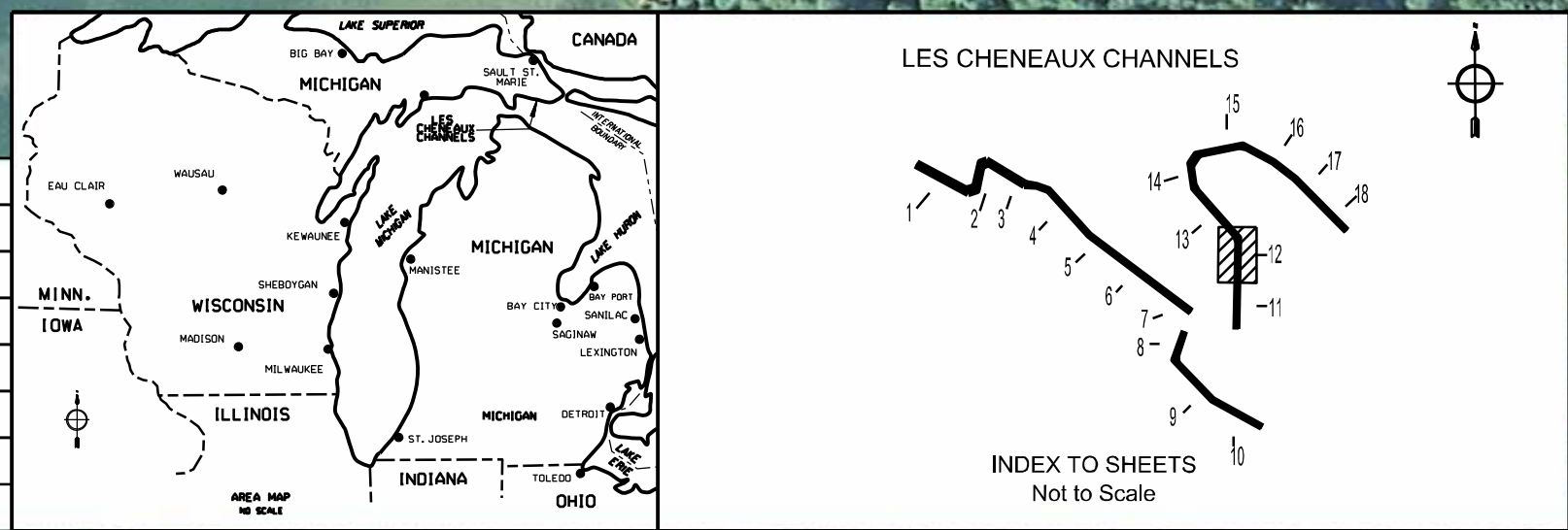
CONDITION SURVEY

SHEET
IDENTIFICATION
LCC-11
SHEET 11 OF 18

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SP5461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 571.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
16	26920849.5	447855.2
FEDERAL CHANNEL LIMITS		
55	26920795.5	447641.2
56	26920899.9	447873.6
57	26920670.2	447984.0

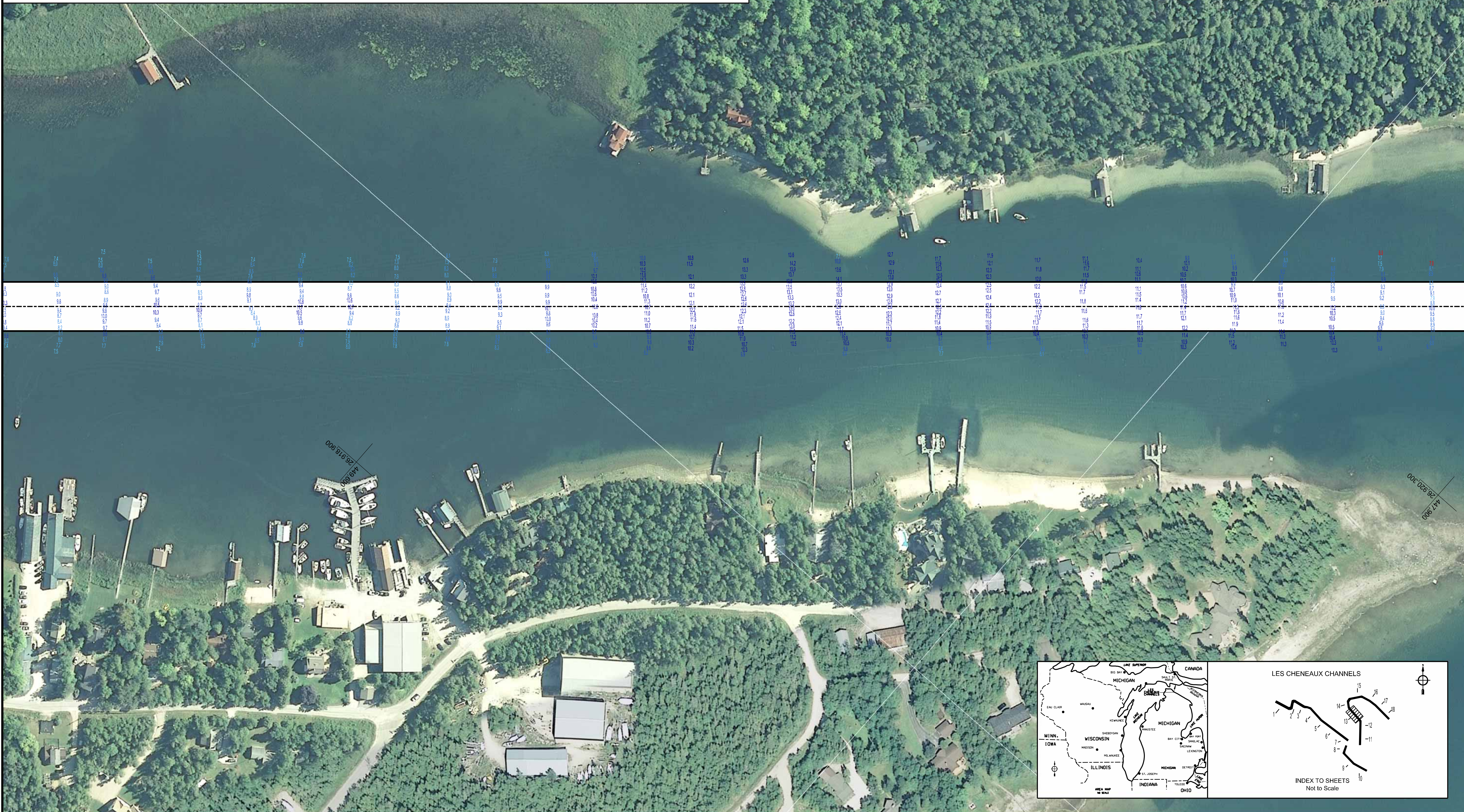
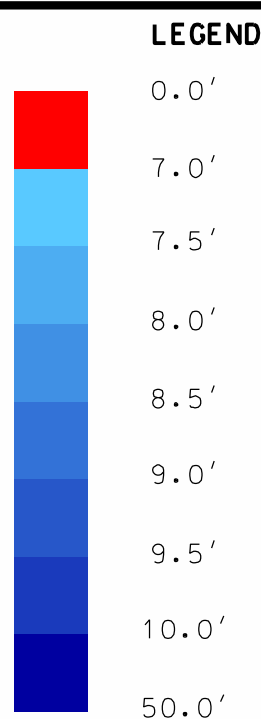
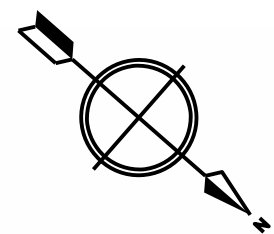
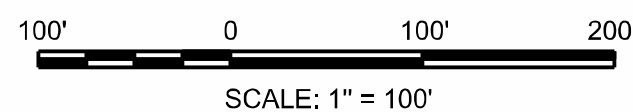
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U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT DETROIT, MICHIGAN	SURVEYED BY: DAVID W. WILSON		SOLICITATION NO.:	
	DRAWN BY: TJB		CONTRACT NO.:	
SOO AREA OFFICE ST MARV'S RIVER SECTION 119 EAST WATKINS STREET SAULT STE. MARIE, MI 49783	SUBMITTED BY:		FILE NUMBER:	
	PLOT SCALE:		ISSUE DATE:	
SIZE: ANSI D	FILE NAME: LCC0101618.dgn			

LES CHENEUX CHANNELS
EDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL
MAY 29 - 31 & JUNE 06, 2019
CONDITION SURVEY

SHEET
IDENTIFICATION
LCC-12
SHEET 12 OF 18

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SP5461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985. LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



US Army Corps
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[illegible]

U.S. ARMY CORPS OF ENGINEERS	SUBMITTED BY:	DATE:
DETROIT DISTRICT	BY:	2/20/2019
DETROIT, MICHIGAN	FOR:	N. GARD
	CD BY:	SOLICITATION NO.:
	JTP	
	SUBMITTED BY:	CONTRACT NO.:
SCQ AREA OFFICE		
ST. MARY'S RIVER SECTION	PLOT SCALE:	ISSUE DATE:
119 EAST WATER STREET	N = 100'	
SAULT STE. MARIE, MI 49783	ANSI D	FILE NAME:
		LCC-101819.dgn

LES CHENEUX CHANNELS
EDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

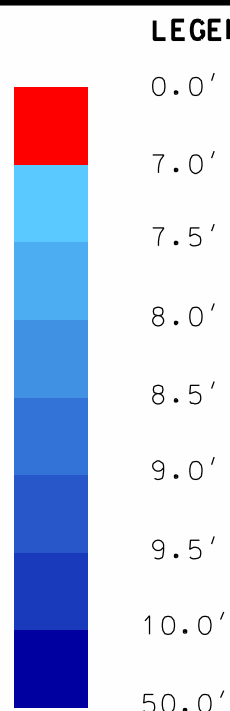
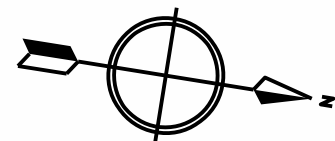
MAY 29 - 31 & JUNE 06, 2019

CONDITION SURVEY

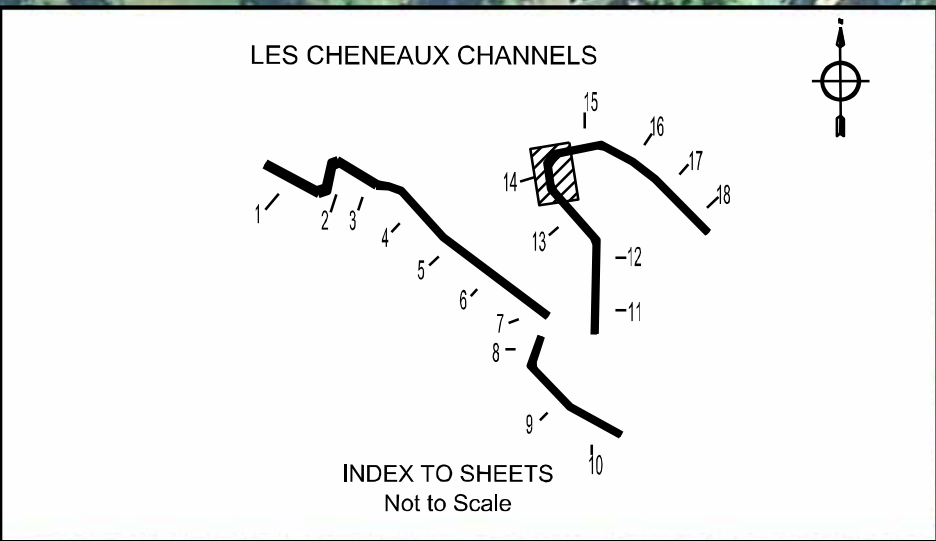
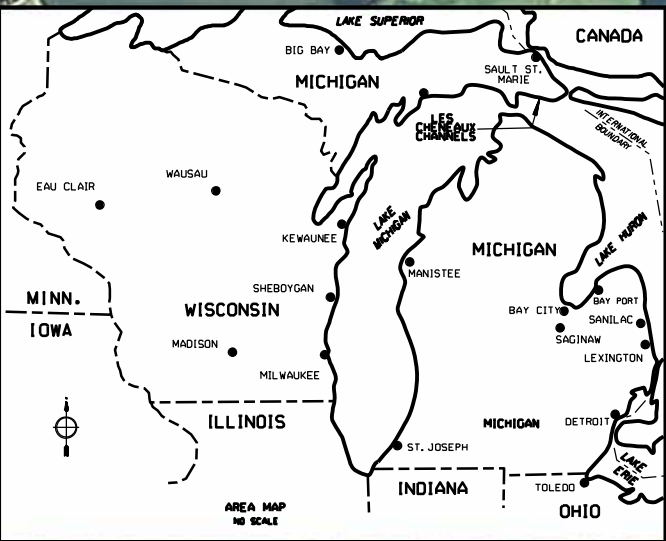
SHEET
IDENTIFICATION
LCC-13

SHEET 13 OF 18

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SP5461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 571.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED ASIDING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
17	26918493.6	450544.5
18	26918291.8	451809.6
19	26918656.1	452351.2
FEDERAL CHANNEL LIMITS		
58	26918673.1	450415.5
59	26918446.5	450522.4
60	26918509.2	450764.3
61	26918355.8	451725.6
62	26918227.7	451893.6
63	26918556.6	452382.5
64	26918755.5	452319.8



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[illegible]

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT DETROIT, MICHIGAN	SURVEYED BY: DAVID W. WILSON	
	OWN BY: NPG	CKD BY: JTP
	SALICUTATION NO.:	
	SUBMITTED BY:	
SOO AREA OFFICE ST MARYS RIVER SECTION 119 EAST WATER STREET SAULT STE. MARIE, MI 49783	PLOT SCALE:	ISSUE DATE:
	SIZE:	FILE NUMBER:
	ANSI:	FILE NAME:
	LCC-1010-191.dgn	

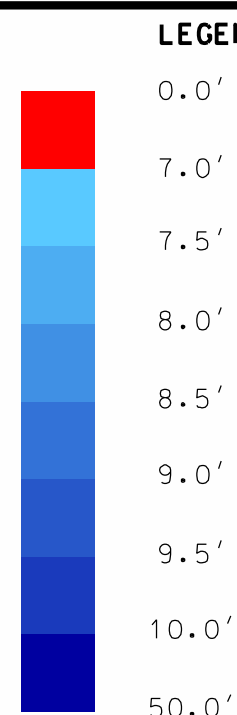
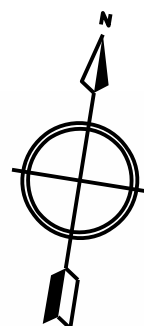
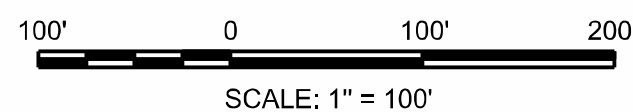
LES CHENEUX CHANNELS
CEDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

MAY 29 - 31 & JUNE 06, 2019

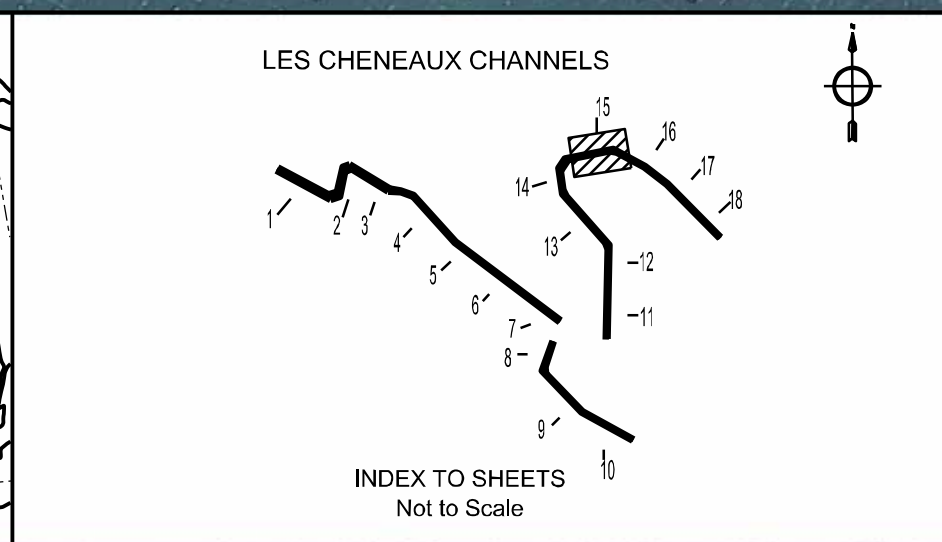
CONDITION SURVEY

SHEET
IDENTIFICATION
LCC-14
SHEET 14 OF 18

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SP5461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 571.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
20	26921095.8	452832.1
FEDERAL CHANNEL LIMITS		
65	26920892.8	452741.1
66	26921103.5	452884.6
67	26921263.5	452686.4



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[illegible]

U.S. ARMY CORPS OF ENGINEERS	SOO AREA OFFICE	ISSUE DATE:	FILE NUMBER:
DETROIT DISTRICT	ST MARY'S RIVER SECTION	PLOT SCALE: 1" = 100'	
DETROIT, MICHIGAN	119 EAST WATER STREET	DATE: 10/19/19	
	SAULT STE. MARIE, MI 49783	PROJECT NAME:	
		PROJECT NO.:	
		CONTRACT NO.:	
		ISSUED BY:	
		CHK BY:	
		APP BY:	
		SUBMITTED BY:	
		SOLICITATION NO.:	
		DATE: 10/19/19	
		REVISED BY:	

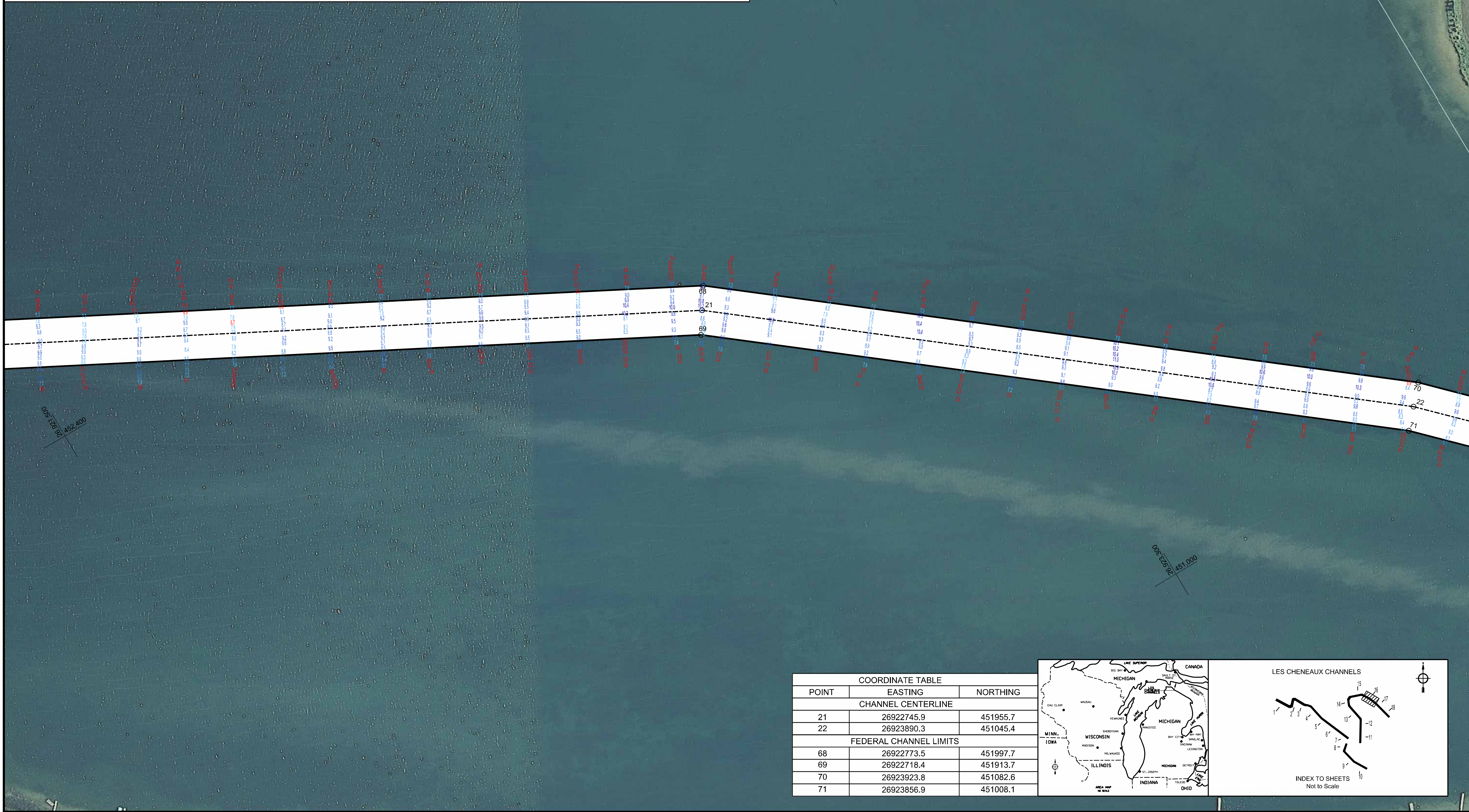
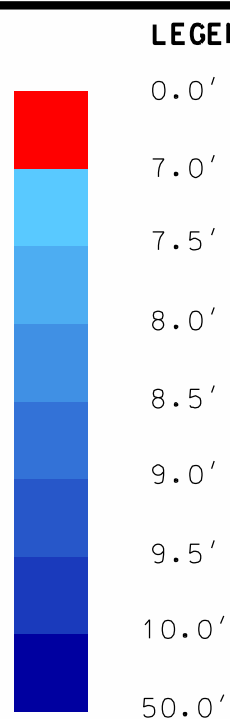
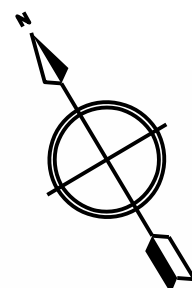
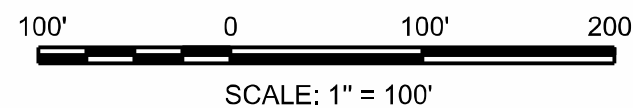
LES CHENEAUX CHANNELS
EDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

MAY 29 - 31 & JUNE 06, 2019

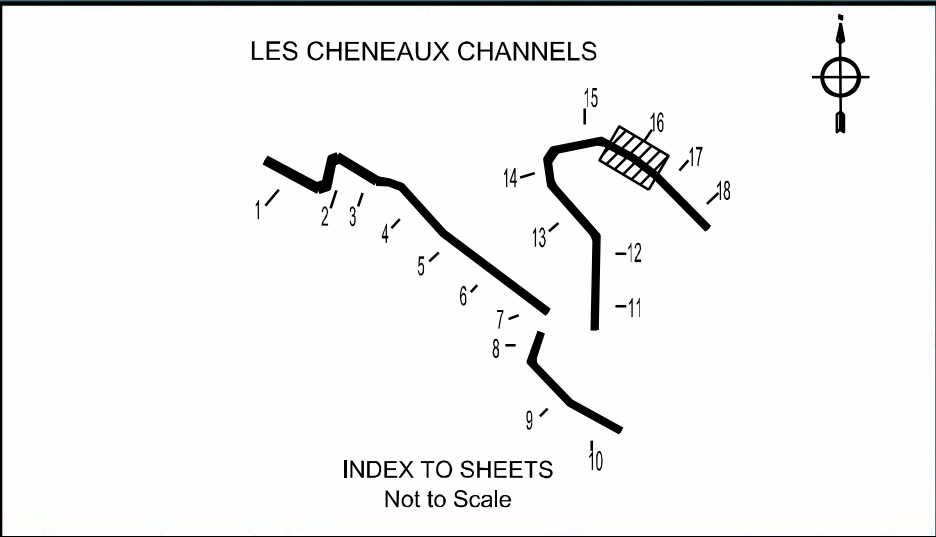
CONDITION SURVEY

SHEET
IDENTIFICATION
LCC-15
SHEET 15 OF 18

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SP5461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 571.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
21	26922745.9	451955.7
22	26923890.3	451045.4
FEDERAL CHANNEL LIMITS		
68	26922773.5	451997.7
69	26922718.4	451913.7
70	26923923.8	451082.6
71	26923856.9	451008.1



**US Army Corps
of Engineers®**

[illegible]

U.S. ARMY CORPS OF ENGINEERS	SURVEYED BY:	DATE:
DETROIT DISTRICT	N. GUILD	2010/06/16
DETROIT, MICHIGAN	CON BY:	SOLICITATION NO.:
	TSB	
	SUBMITTED BY:	CONTRACT NO.:
STO AREA OFFICE	PLOT SCALE:	ISSUE DATE:
ST WARS RIVER SECTION	1"=50'	
119 EAST WATSON STREET	SHEET NO.:	FILE NUMBER:
SAULT STE. MARIE, MI 49783	FILE NAME:	
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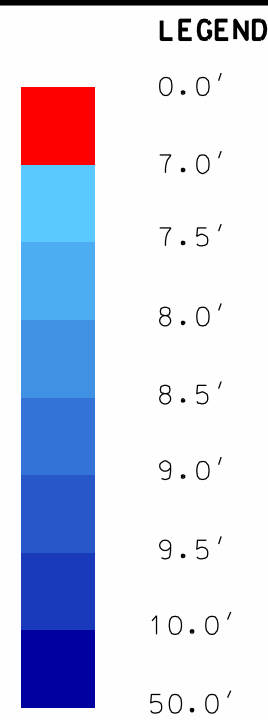
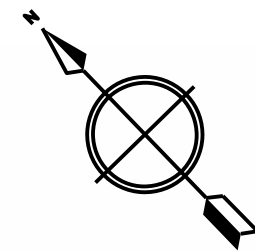
LES CHENEUX CHANNELS
CEDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

MAY 29 - 31 & JUNE 06, 2019

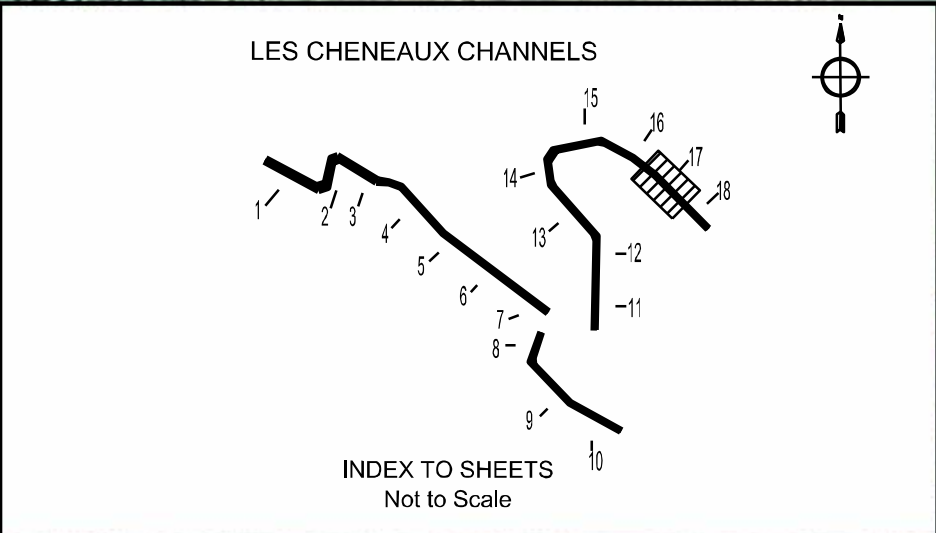
CONDITION SURVEY

SHEET
IDENTIFICATION
LCC-16

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SPS461 SUB-METER DGPS RECEIVER.
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 AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
22	26923890.3	451045.4
FEDERAL CHANNEL LIMITS		
70	26923923.8	451082.6
71	26923856.9	451008.1



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[illegible]

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT DETROIT, MICHIGAN	SOO AREA OFFICE ST MARVS RIVER SECTION 119 EAST WATSON STREET SAULT STE. MARIE, MI 49783	OWN BY: NPG	CKD BY: JTP	SOLICITATION NO.: 201907/19	CONTRACT NO.:	FILE NUMBER:	FILE NAME: LCCO-10191.dgn
		SUBMITTED BY:		PLOT SCALE: 1"=100'		ISSUE DATE: 2/2/2020	

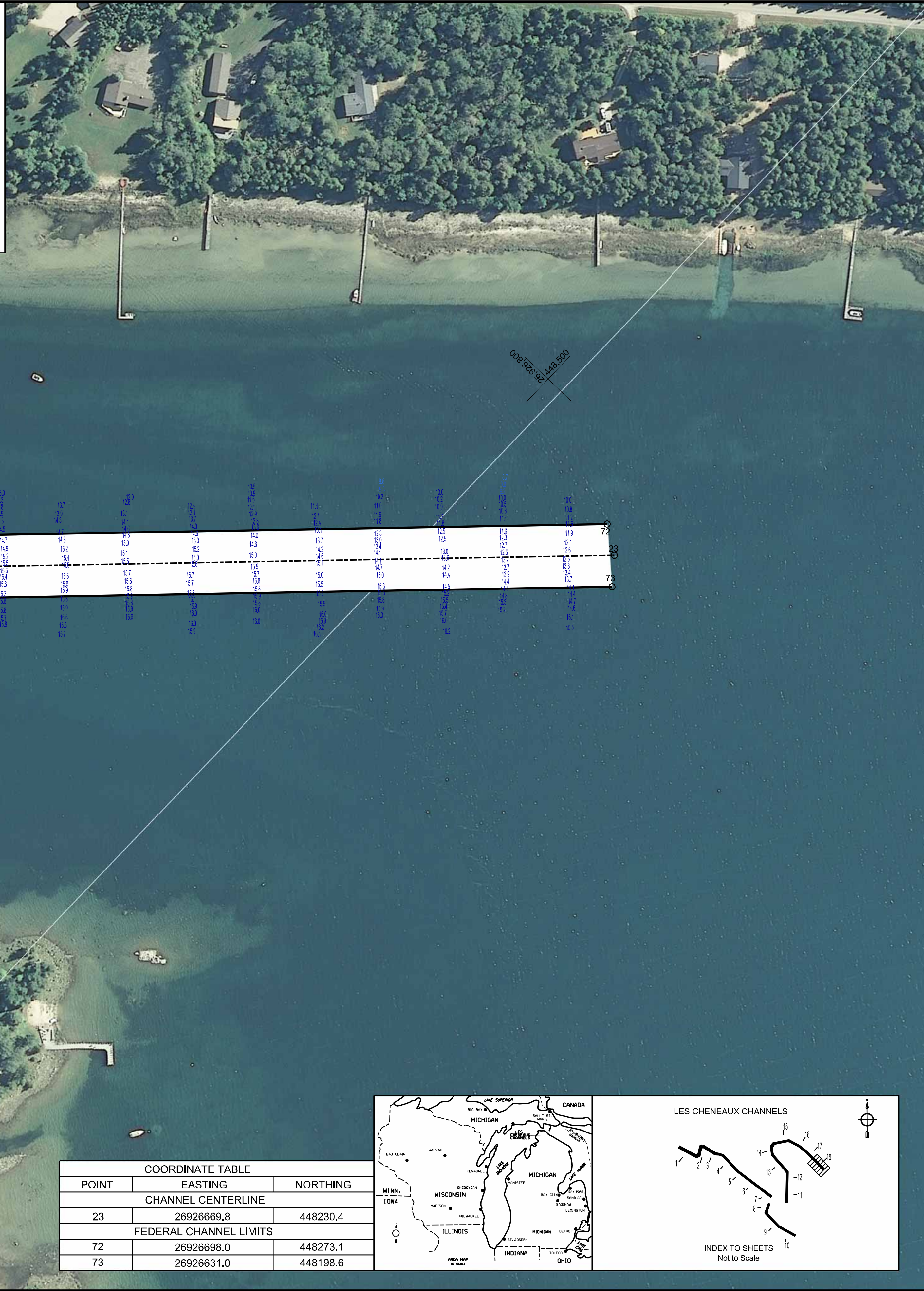
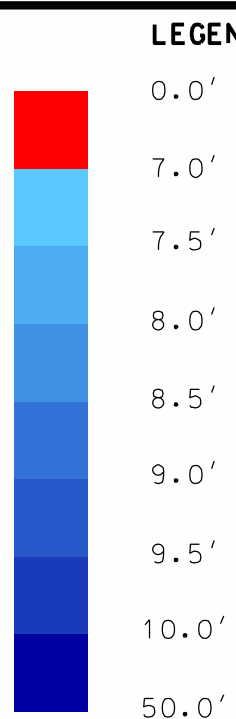
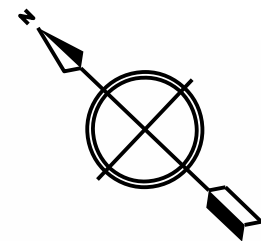
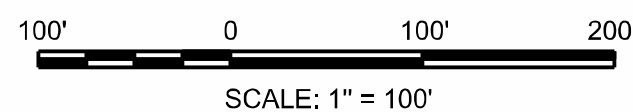
LES CHENEaux CHANNELS
CEDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

MAY 29 - 31 & JUNE 06, 2019

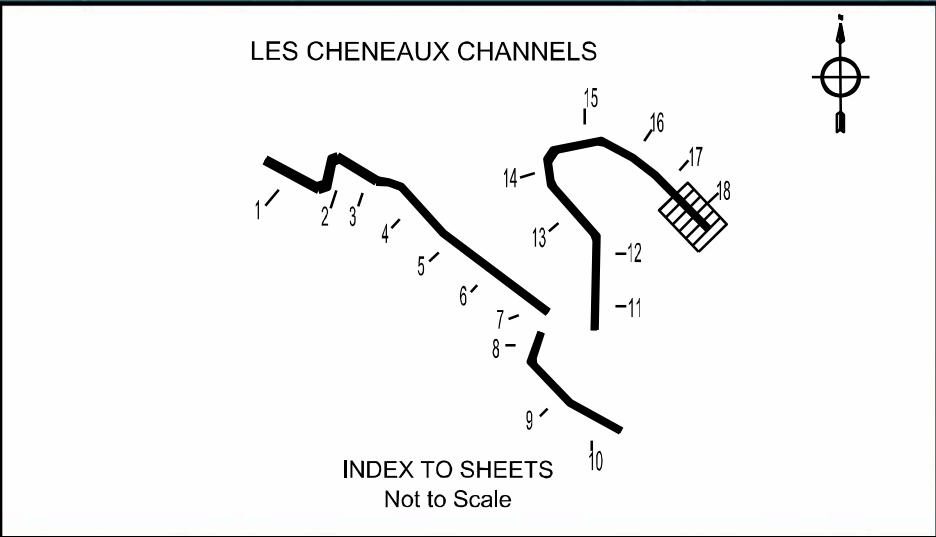
CONDITION SURVEY

SHEET
IDENTIFICATION
LCC-17

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SP5461 SUB-METER DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 571.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 29 - 31 & JUNE 06, 2019 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
23	26926669.8	448230.4
FEDERAL CHANNEL LIMITS		
72	26926698.0	448273.1
73	26926631.0	448198.6



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[illegible]

U.S. ARMY CORPS OF ENGINEERS	SERVED BY:	DATE:
DETROIT DISTRICT	DWN BY:	20190710
DETROIT, MICHIGAN	CKD BY:	
	W/P:	SOLICITATION NO.:
	SUBMITTED BY:	CONTRACT NO.:
300 AREA OFFICE		
ST MARIE RIVER SECTION	PLOT SCALE:	ISSUE DATE:
119 EAST WATER STREET	N = 100'	FILE NUMBER:
SAULT STE. MARIE, MI 49783	FILE NAME:	FILE NAME:
	ASR	LCSD-101581.dgn

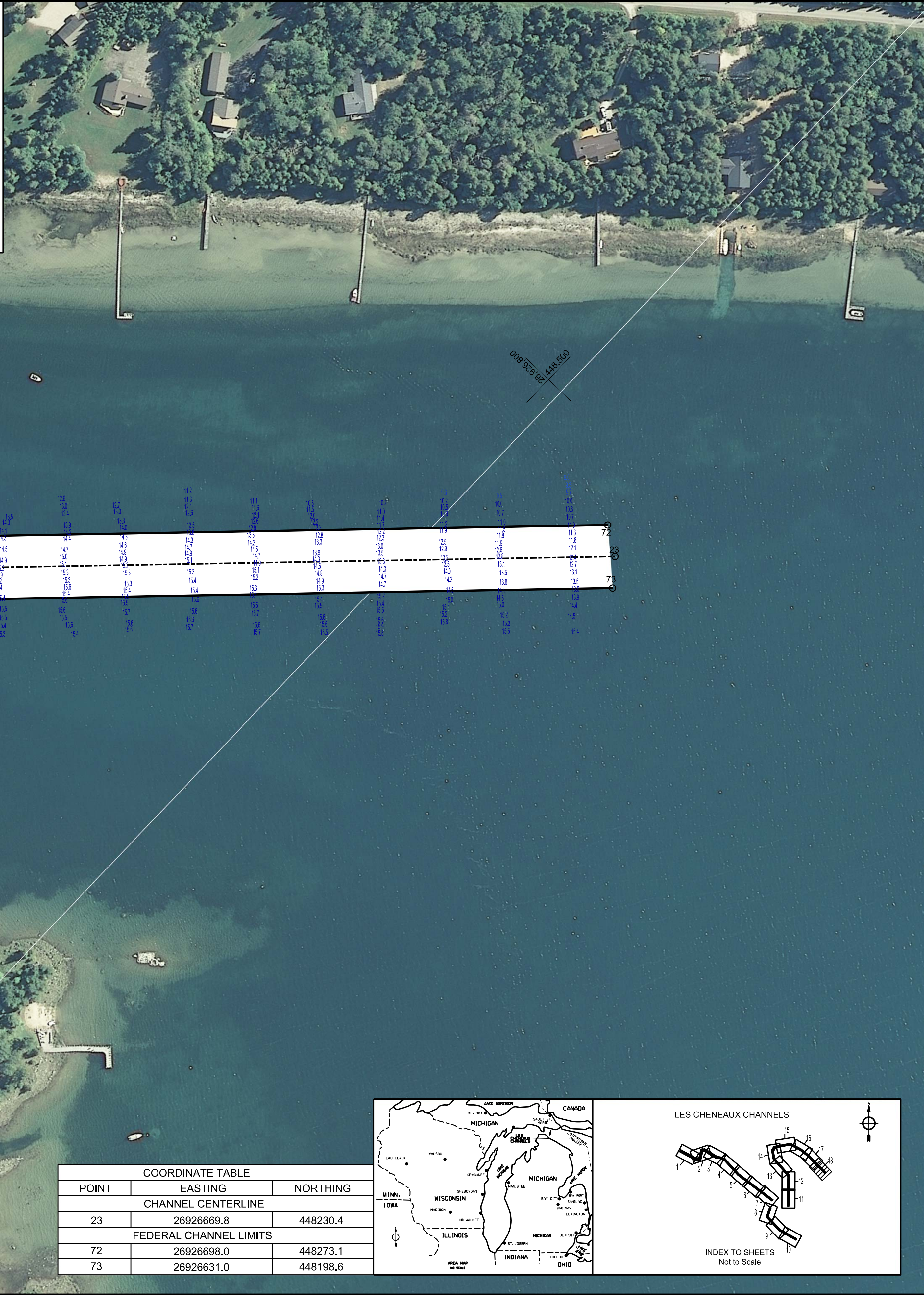
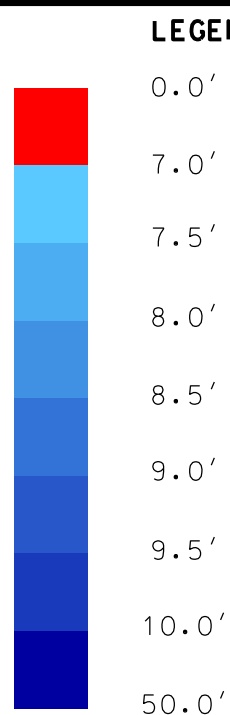
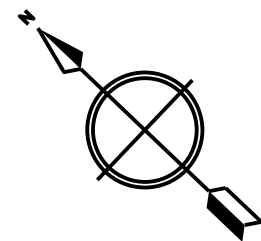
LES CHENEUX CHANNELS
EDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

MAY 29 - 31 & JUNE 06, 2019
CONDITION SURVEY

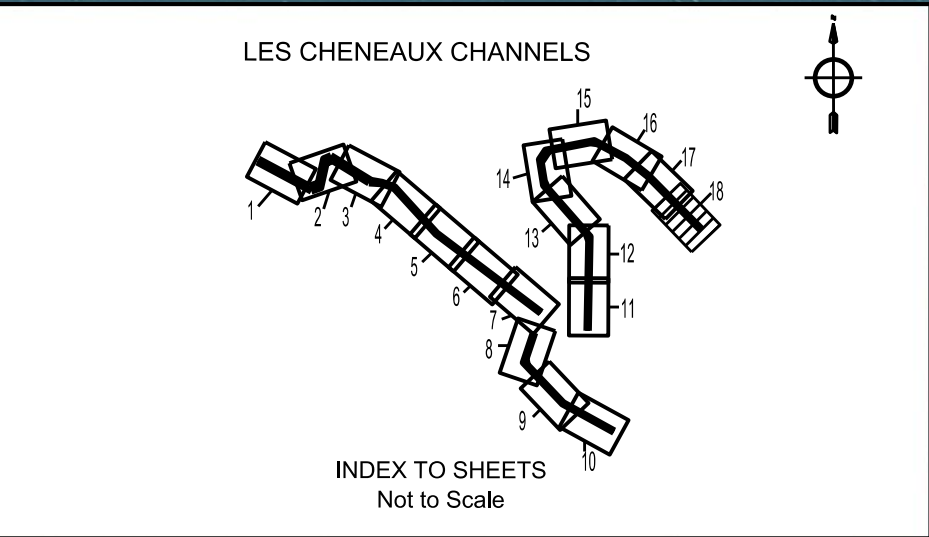
SHEET
IDENTIFICATION
LCC-18

SHEET 18 OF 18

1.	THE LOCATION OF NAVIGATION AIDS REPRESENT THEIR GENERAL LOCATION.	4.	HORIZONTAL POSITIONING IS DETERMINED BY USING A TRIMBLE SPS550 12 CHANNEL DGPS RECEIVER.
2.	ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 1985). LOW WATER DATUM (LWD) ZERO IS 571.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. DEPTHS ARE MEASURED USING AN ODOM CV300 SINGLE BEAM SONAR.	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.
3.	THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON MAY 22 - 23, 2018 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.	6.	UNLESS OTHERWISE NOTED MAINTAINED DEPTH IS 7.0 FEET BELOW LOW WATER DATUM.



COORDINATE TABLE		
POINT	EASTING	NORTHING
CHANNEL CENTERLINE		
23	26926669.8	448230.4
FEDERAL CHANNEL LIMITS		
72	26926698.0	448273.1
73	26926631.0	448198.6



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[illegible]

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT DETROIT, MICHIGAN	SURVEYED BY: N. GUILD	DATE: 20/08/94
	DESIGNED BY: TSB	SOLICITATION NO.:
	CAD BY: TSB	CONTRACT NO.:
	SUBMITTED BY:	
SC0 AREA OFFICE ST MARIE'S RIVER SECTION 119 EAST WATTE STREET SAULT STE. MARIE, MI 49783	PLOT SCALE: 1" = 40'	ISSUE DATE:
	SIZE: LCC-010181.dgn	FILE NAME:

LES CHENEAU CHANNELS
EDERVILLE AND HESSEL MICHIGAN
FEDERAL NAVIGATION CHANNEL

MAY 22 - 23, 2018

SHEET
IDENTIFICATION
LCC-18

SHEET 18 OF 18