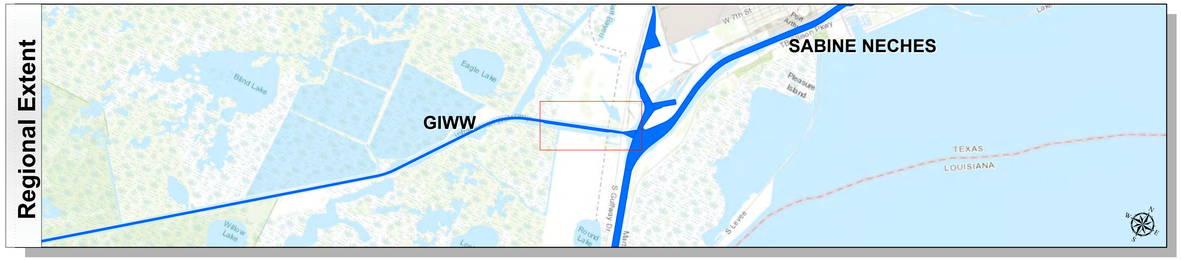
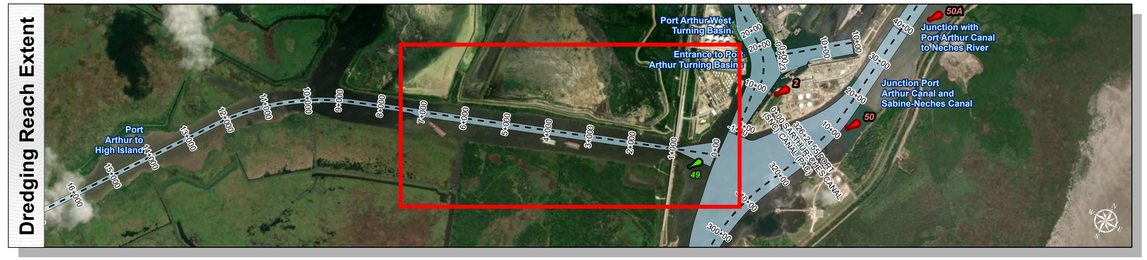
Gulf Intracoastal Waterway: Port Arthur to High Island





U.S. Army Corps of Engineers
Galveston District

Latest Survey Collection Date:	21 November 2023
Document Page:	1 of 22
Website Index Number:	1
Scale:	1:3,000
Mapped by:	M3AOXPAC
Additional Imagery info:	
Authorized Depth:	-13ft.
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	3/5/2024

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17

NOTES:
1. Horizontal coordinates are referenced to texas state plane coordinate system, south central zone nad83 us survey feet.
2. Elevations are referenced to mean lower low tide (MLLW) datum.
3. This project was designed by the galveston district of the u.s. army corps of engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by er1110-1-8152.
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5. For the most up to date information please check our website at: http://www.swg.usace.army.mil/Missions/Navigation/HydrographicSurveys/

Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:
Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

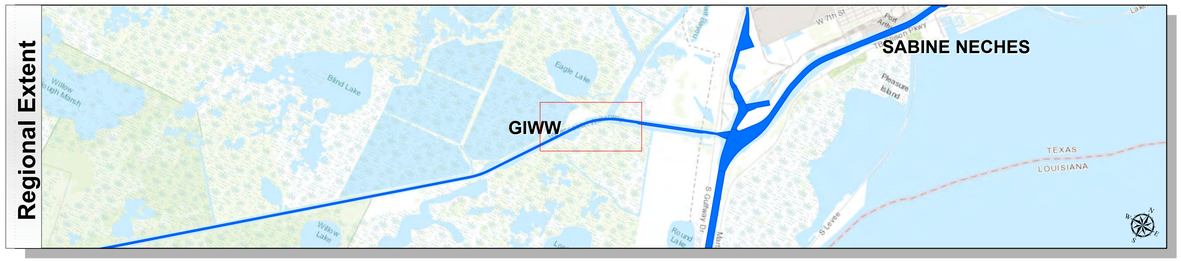
Hydrographic Survey Extent
0 255 510 1,020 Feet

HYDROGRAPHIC SURVEY

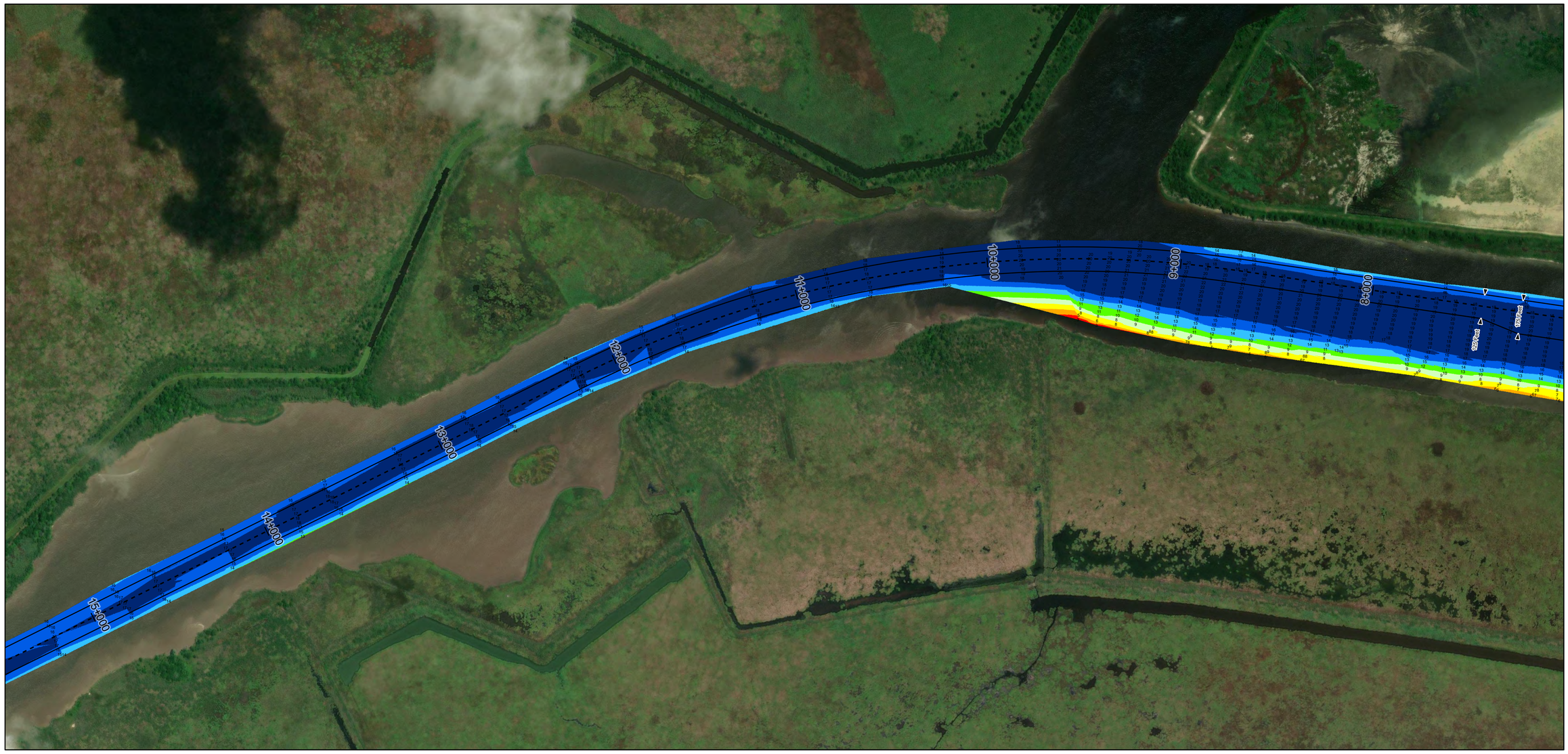
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Gulf Intracoastal Waterway: Port Arthur to High Island



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 21 November 2023
Document Page: 2 of 22
Scale: 1:3,000
Mapped by: M3AOXPAC
Additional Imagery info:

Authorized Depth: -13ft.
Side Slope Ratio: (Rise : Run)
Website Index Number: 2
PDF Print Date: 3/5/2024

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - -3	3 - -5	5 - -7	7 - -9	9 - -11	11 - -13	13 - -15	15 - -17	< -17

NOTES:
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:
Combined survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

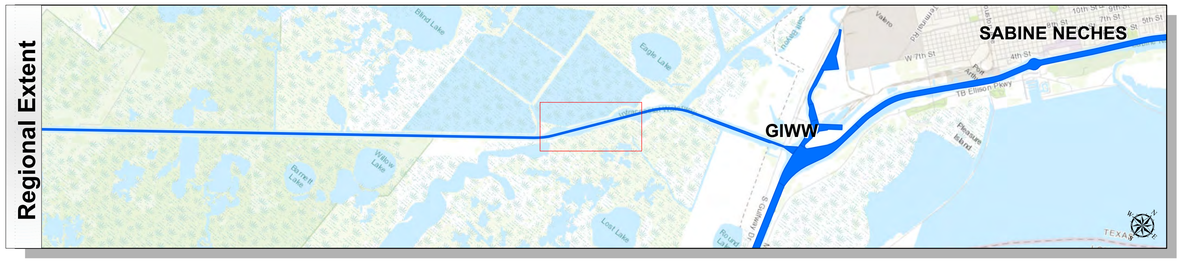
Dredging Reach Extent
0 0.3 0.6 1.2 Miles

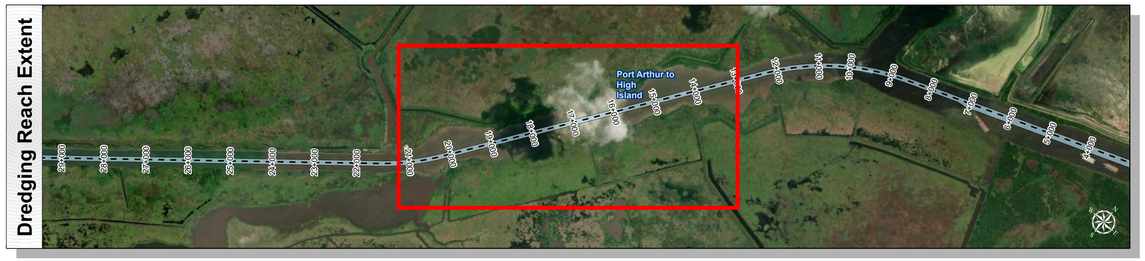
Hydrographic Survey Extent
0 255 510 1,020 Feet

HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

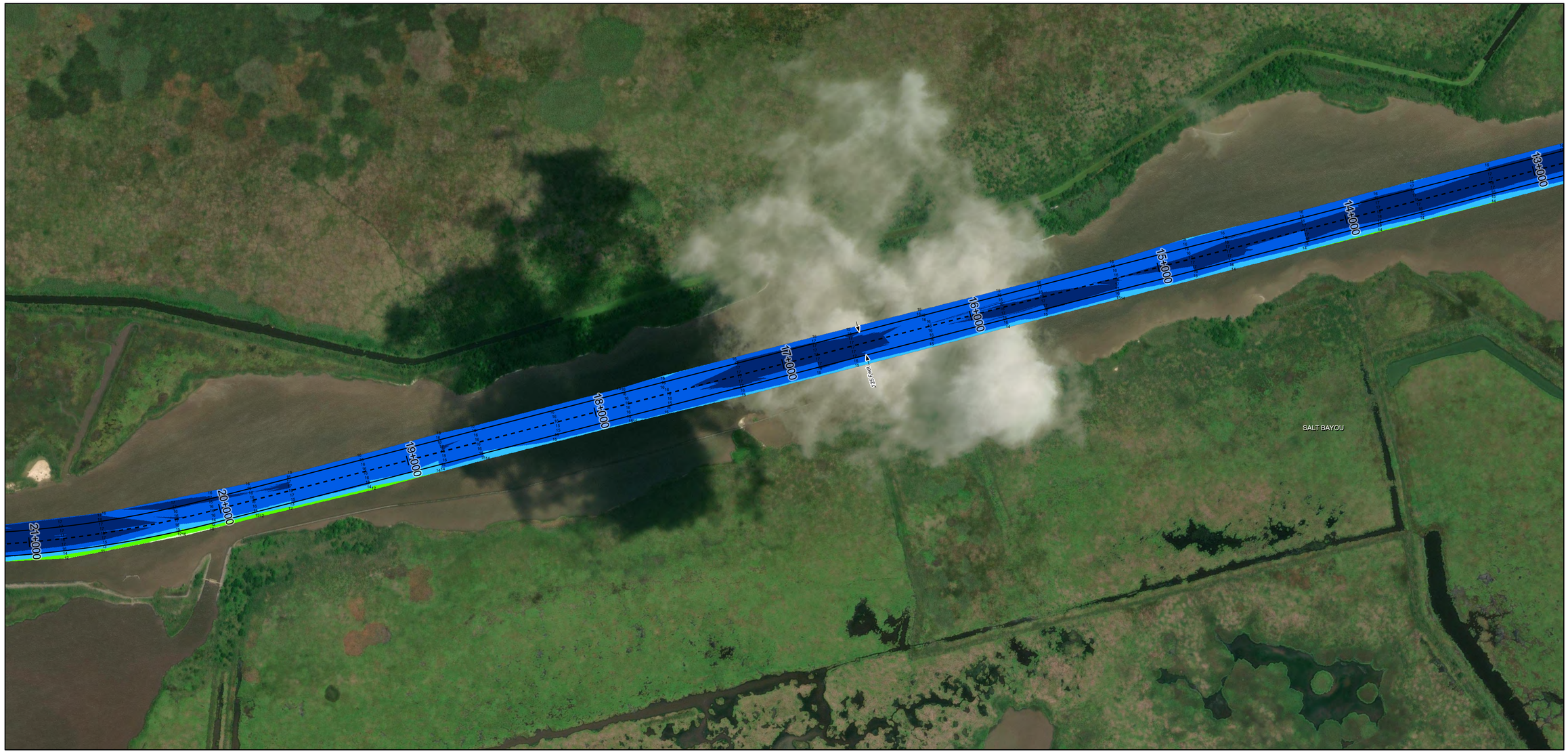
Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Gulf Intracoastal Waterway: Port Arthur to High Island





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 November 2023
Document Page: 3 of 22	Website Index Number: 3
Scale: 1:3,000	
Mapped by: M3AOXPAC	
Additional Imagery info:	
Authorized Depth: -13ft.	
Side Slope Ratio: (Rise : Run)	
PDF Print Date: 3/5/2024	

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17

NOTES:
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World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

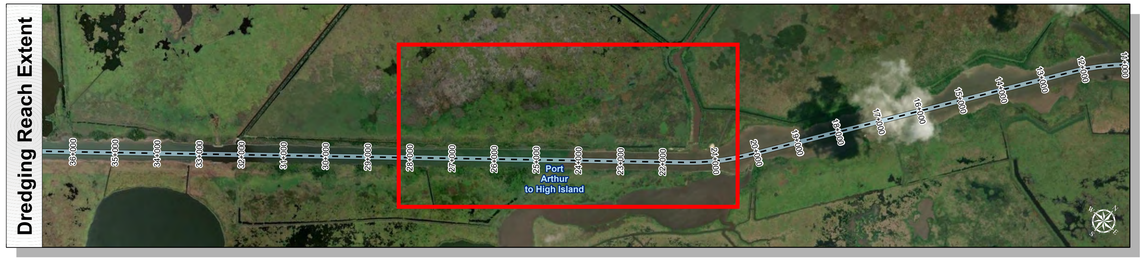
Hydrographic Survey Extent
0 255 510 1,020 Feet

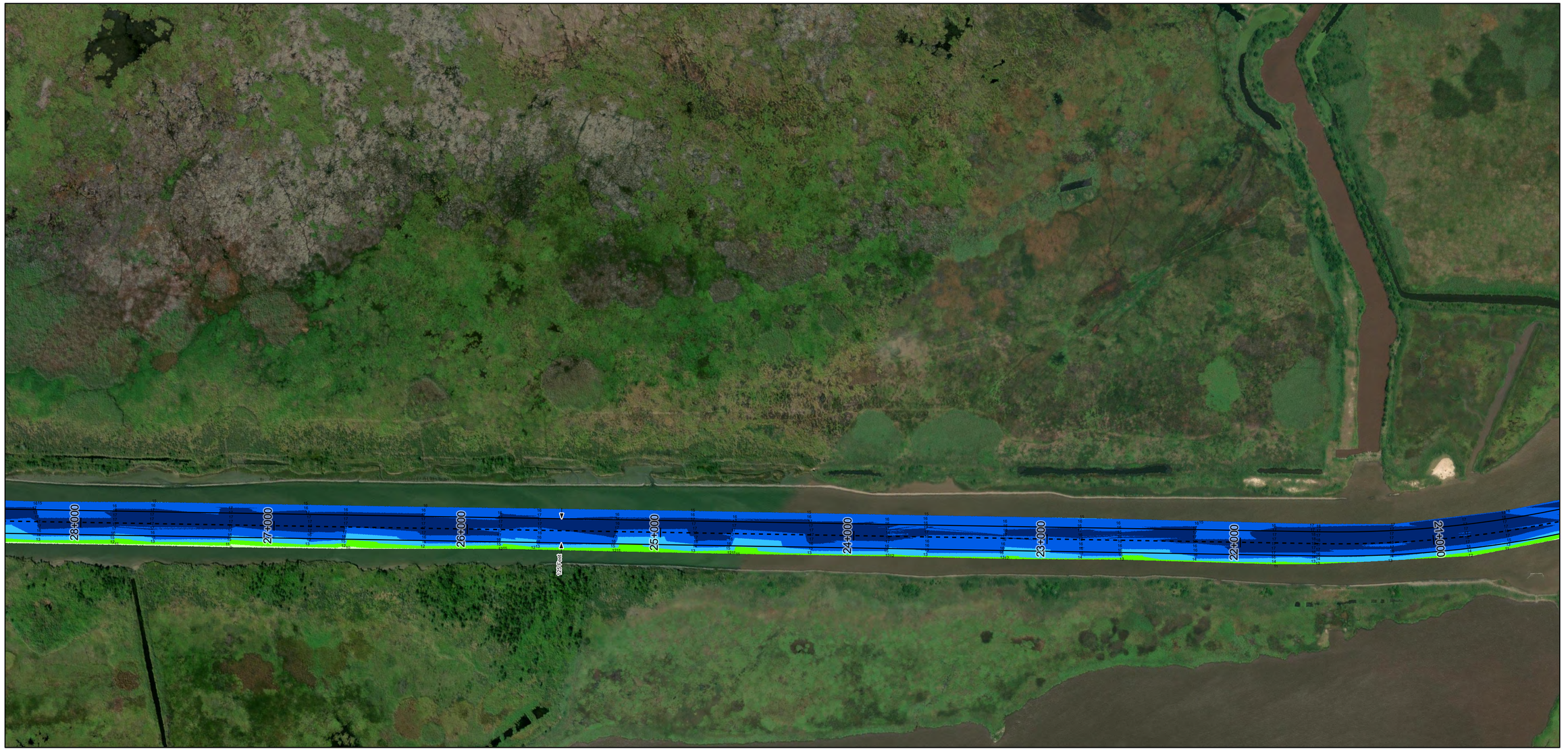
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Gulf Intracoastal Waterway: Port Arthur to High Island

U.S. Army Corps of Engineers
Galveston District





Channel Features	Aids to Navigation	MLLW
Channel Center Line	Green Side Aids	0 - 3
Channel Toe	Red Side Aids	3 - 5
Channel Dimensions	Lights	5 - 7
		7 - 9
		9 - 11
		11 - 13
		13 - 15
		15 - 17
		< 17

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World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:
Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

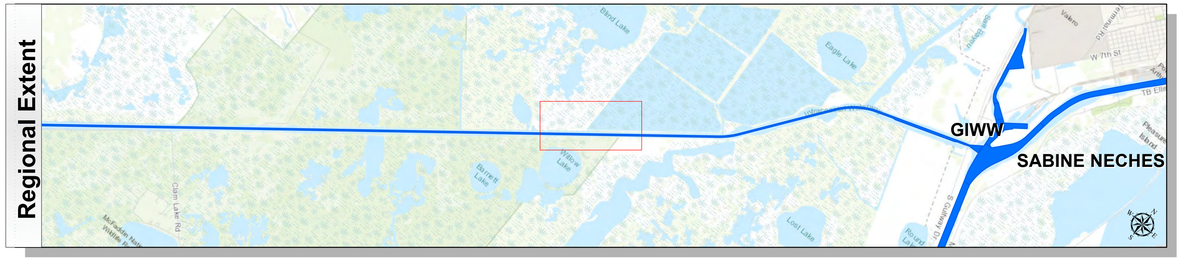
Hydrographic Survey Extent
0 255 510 1,020 Feet

Latest Survey Collection Date:	21 November 2023
Document Page: 4 of 22	Website Index Number: 4
Scale: 1:3,000	
Mapped by: M3AOXPAC	
Additional Imagery info:	
Authorized Depth: -13ft.	
Side Slope Ratio: (Rise : Run)	
PDF Print Date: 3/5/2024	

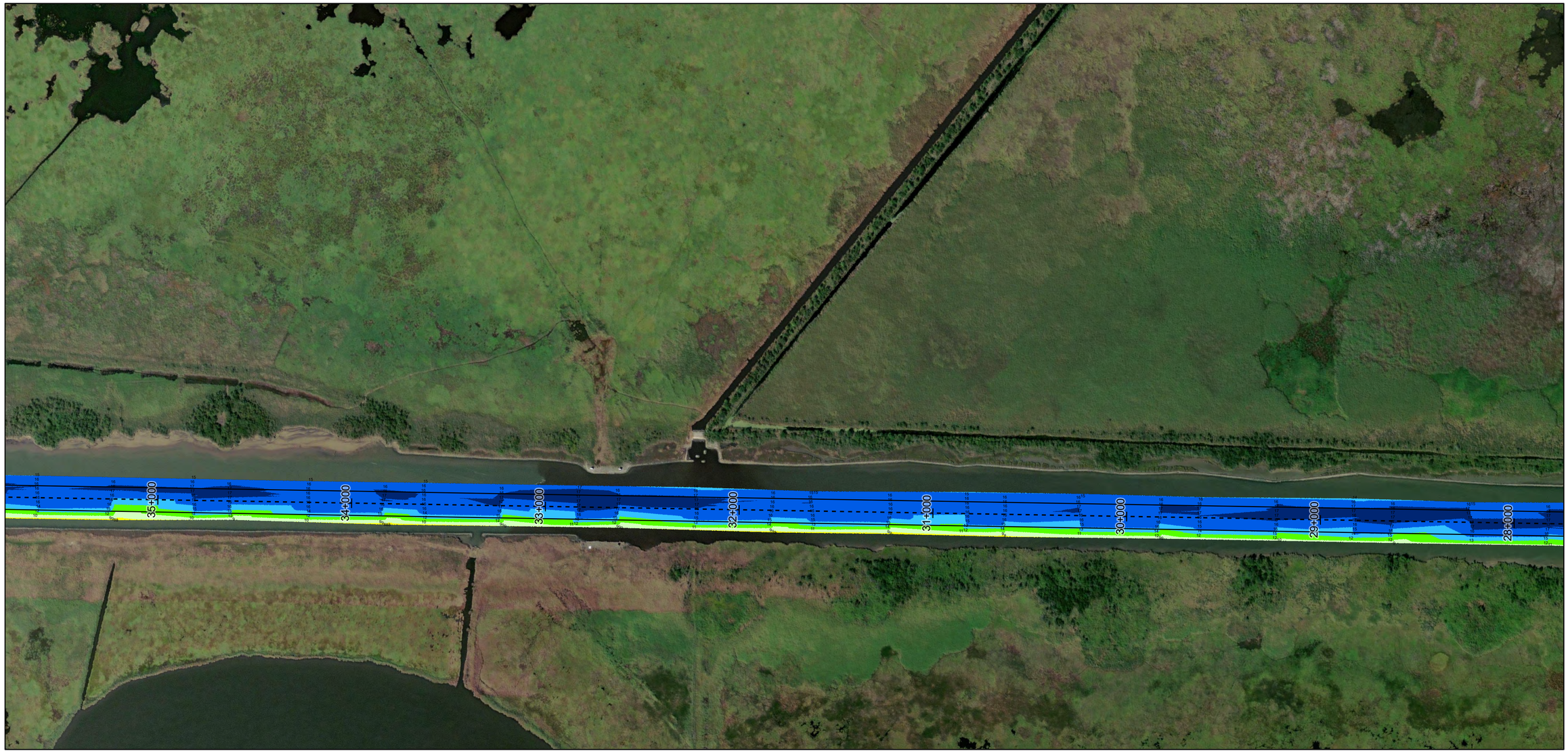
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Gulf Intracoastal Waterway: Port Arthur to High Island



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 21 November 2023
Authorized Depth: -13ft.
Website Index Number: 5
Side Slope Ratio: (Rise : Run)
Document Page: 5 of 22
PDF Print Date: 3/5/2024
Scale: 1:3,000
Mapped by: M3AOXPAC
Additional Imagery info:

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW
0 - 3 | 3 - 5 | 5 - 7 | 7 - 9 | 9 - 11 | 11 - 13 | 13 - 15 | 15 - 17 | < 17

NOTES:
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World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:
Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

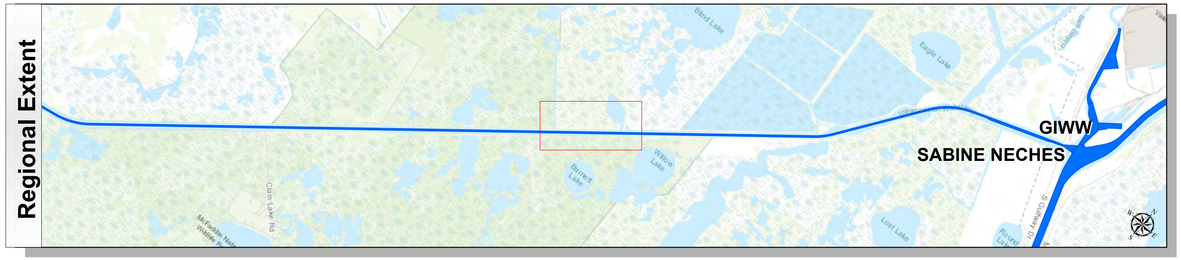
Dredging Reach Extent
0 0.3 0.6 1.2 Miles

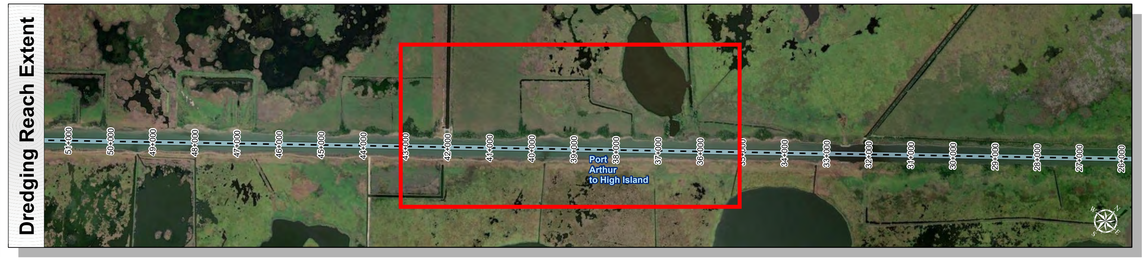
Hydrographic Survey Extent
0 255 510 1,020 Feet

HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

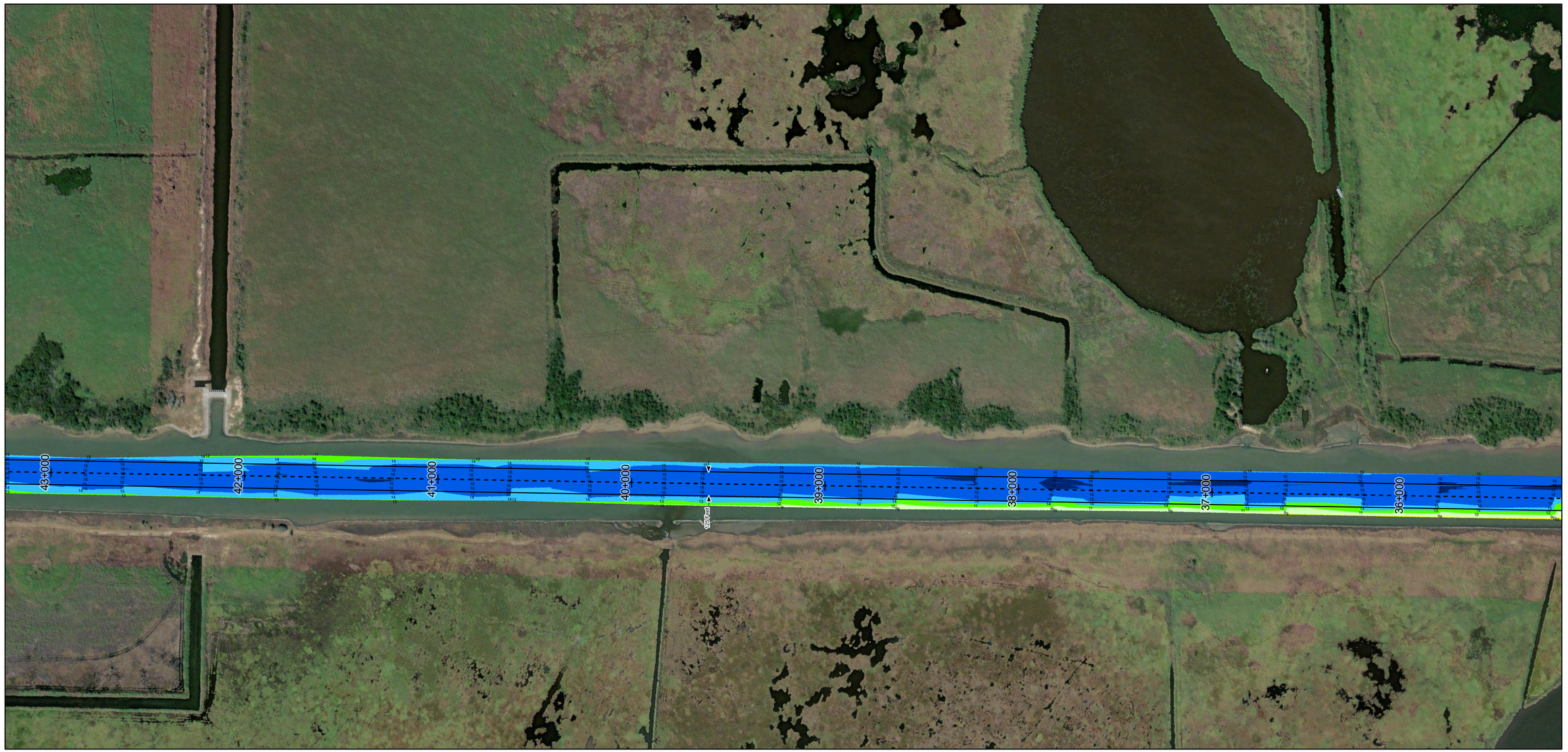
Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Gulf Intracoastal Waterway: Port Arthur to High Island





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 November 2023
Authorized Depth: -13ft.	
Document Page: 6 of 22	Website Index Number: 6
Side Slope Ratio: (Rise : Run)	
Scale: 1:3,000	PDF Print Date: 3/5/2024
Mapped by: M3AOXPAC	
Additional Imagery info:	

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17

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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

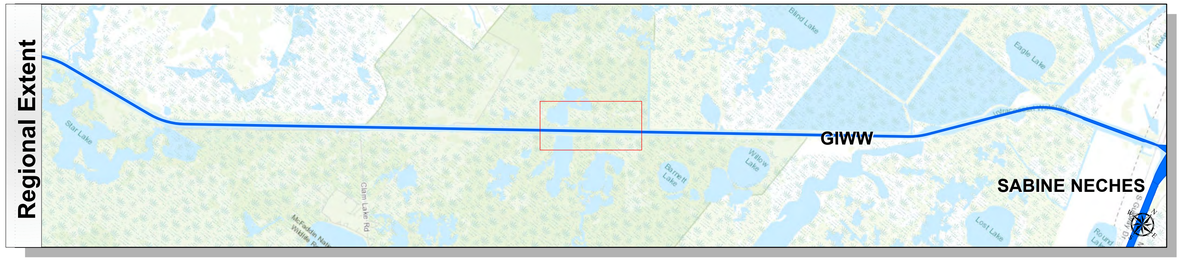
Dredging Reach Extent
0 0.3 0.6 1.2 Miles

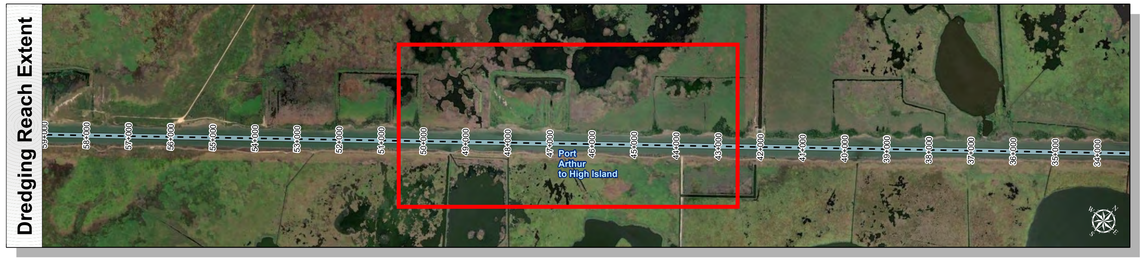
Hydrographic Survey Extent
0 255 510 1,020 Feet

HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

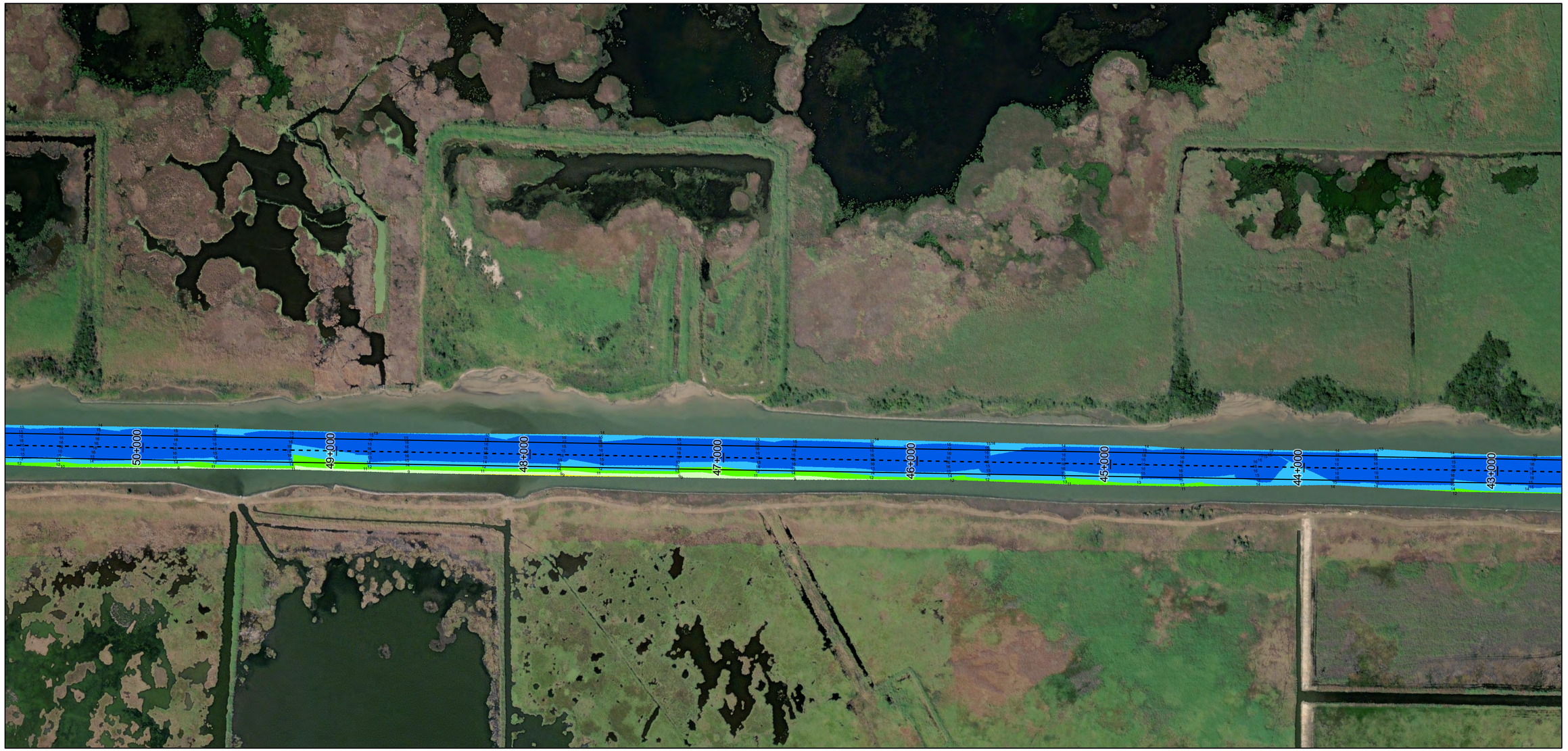
Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Gulf Intracoastal Waterway: Port Arthur to High Island





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 November 2023
Document Page:	7 of 22
Website Index Number:	7
Scale:	1:3,000
Mapped by:	M3AOXPAC
Additional Imagery Info:	
Authorized Depth:	-13ft.
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	3/5/2024

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17

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World_Imagery: Maxar

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Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

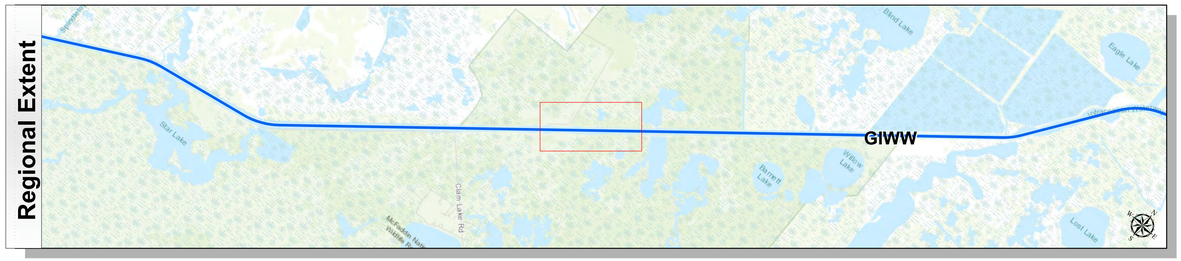
Hydrographic Survey Extent
0 255 510 1,020 Feet

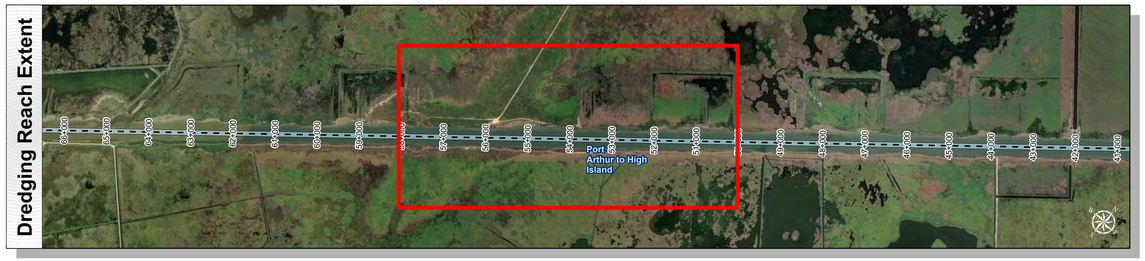
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

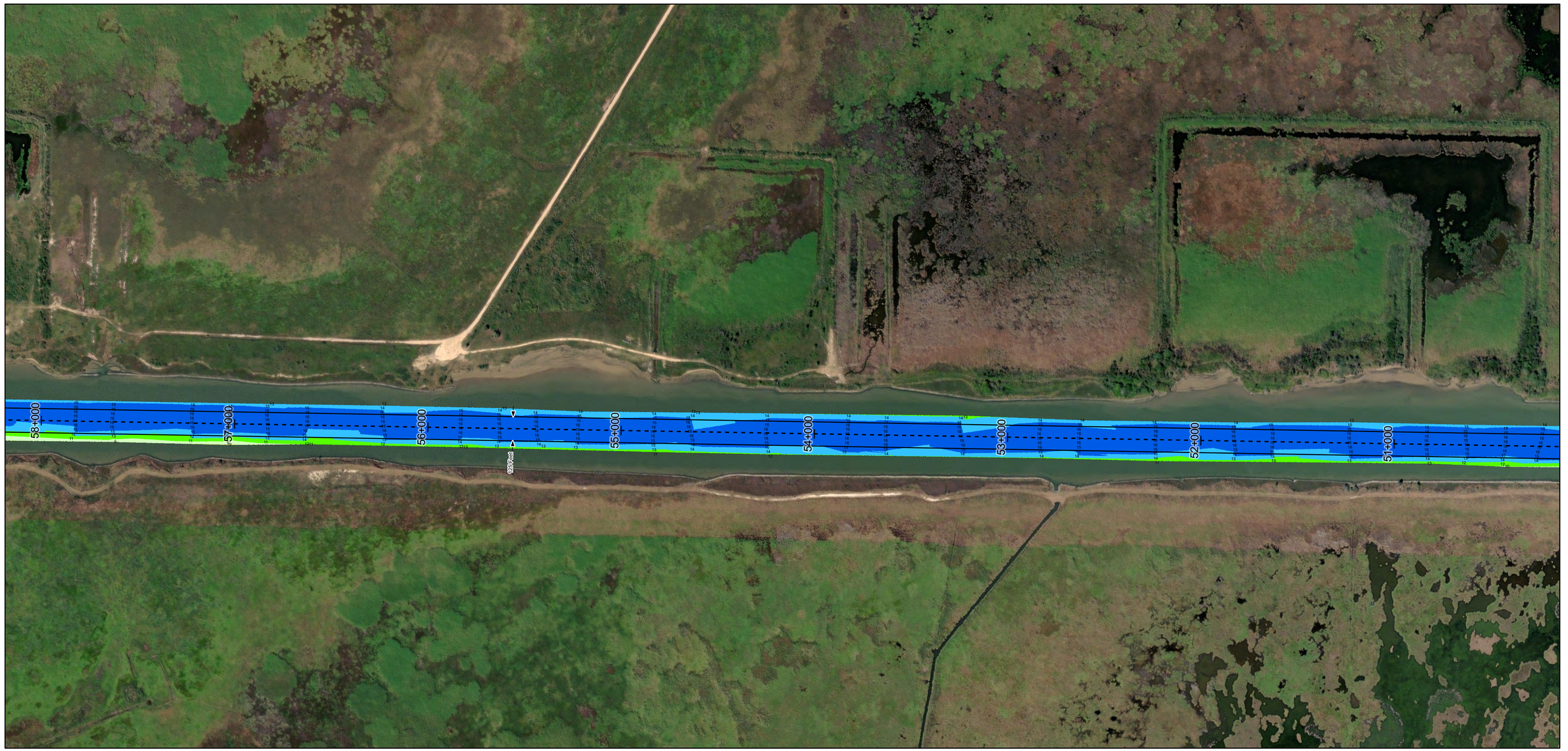
Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Gulf Intracoastal Waterway: Port Arthur to High Island

U.S. Army Corps of Engineers
Galveston District







Authorized Depth:	-13ft.
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	3/5/2024
Latest Survey Collection Date:	21 November 2023
Document Page:	8 of 22
Website Index Number:	8
Scale:	1:3,000
Mapped by:	M3AOXPAC
Additional Imagery info:	

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW
0 - 3 | 3 - 5 | 5 - 7 | 7 - 9 | 9 - 11 | 11 - 13 | 13 - 15 | 15 - 17 | < 17

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World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:
Combined survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

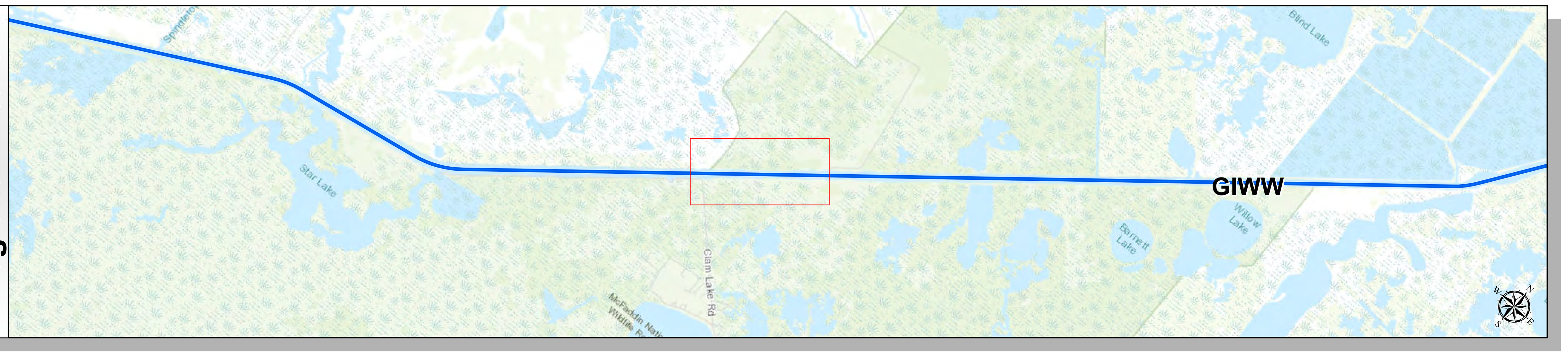
HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

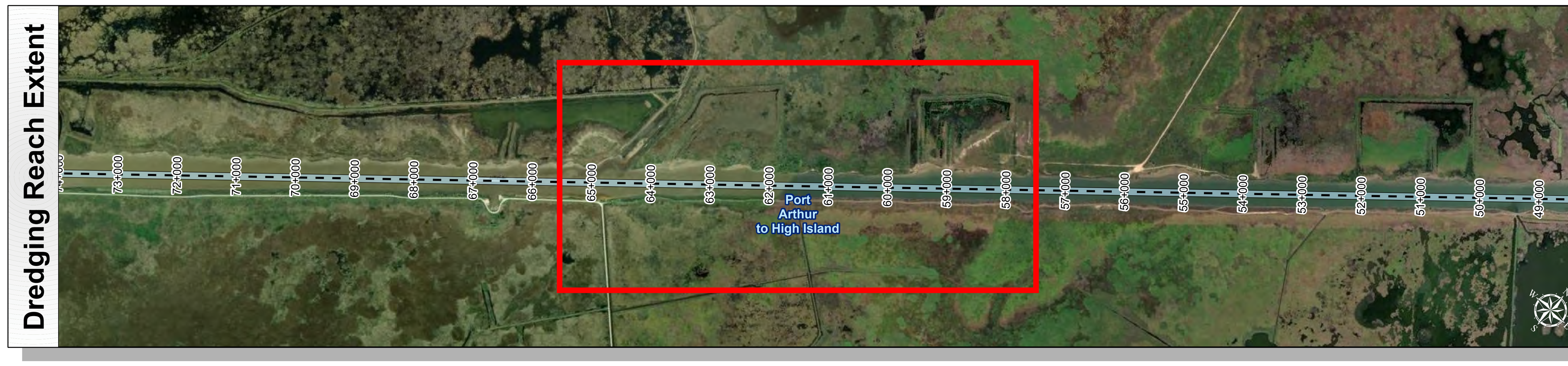
Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Gulf Intracoastal Waterway: Port Arthur to High Island

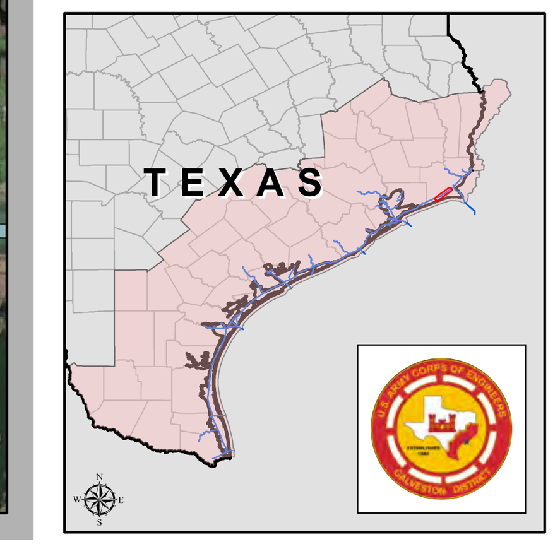
Regional Extent



Dredging Reach Extent



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 21 November 2023	Authorized Depth: -13ft.
Document Page: 9 of 22	Website Index Number: 9
	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	PDF Print Date: 3/5/2024
Mapped by: M3AOXPAC	
Additional Imagery info:	

Channel Features

- - - Channel Center Line
— Channel Toe
←→ Channel Dimensions

Aids to Navigation

Green Side Aids
Red Side Aids
Lights

MLLW

0 - 3 | 3 - 5 | 5 - 7 | 7 - 9 | 9 - 11 | 11 - 13 | 13 - 15 | 15 - 17 | < 17

NOTES:
1. Horizontal coordinates are referenced to texas state plane coordinate system, south central zone nad83 us survey feet.
2. Elevations are referenced to mean lower low tide (MLLW) datum.
3. This project was designed by the galveston district of the u.s. army corps of engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by er1110-1-8152.
4. The information depicted on this survey map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time. These conditions are subject to rapid change due to shoaling events. A prudent mariner should not rely exclusively on the information provided here. Required by 33 cfr 209.325
5. For the most up to date information please check our website at: http://www.swg.usace.army.mil/Missions/Navigation/HydrographicSurveys/

Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

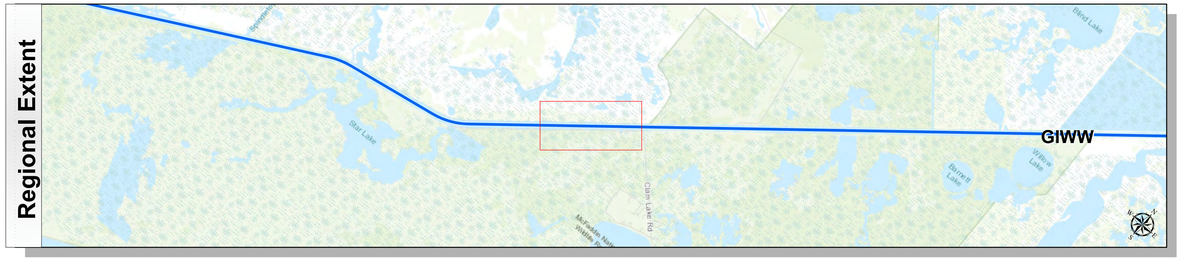
Hydrographic Survey Extent
0 255 510 1,020 Feet

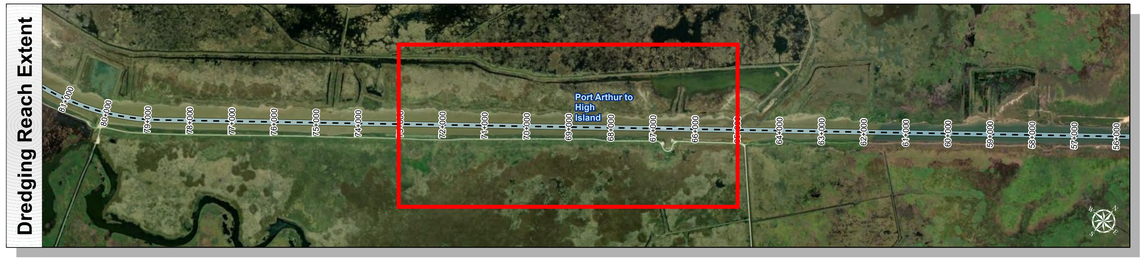
HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

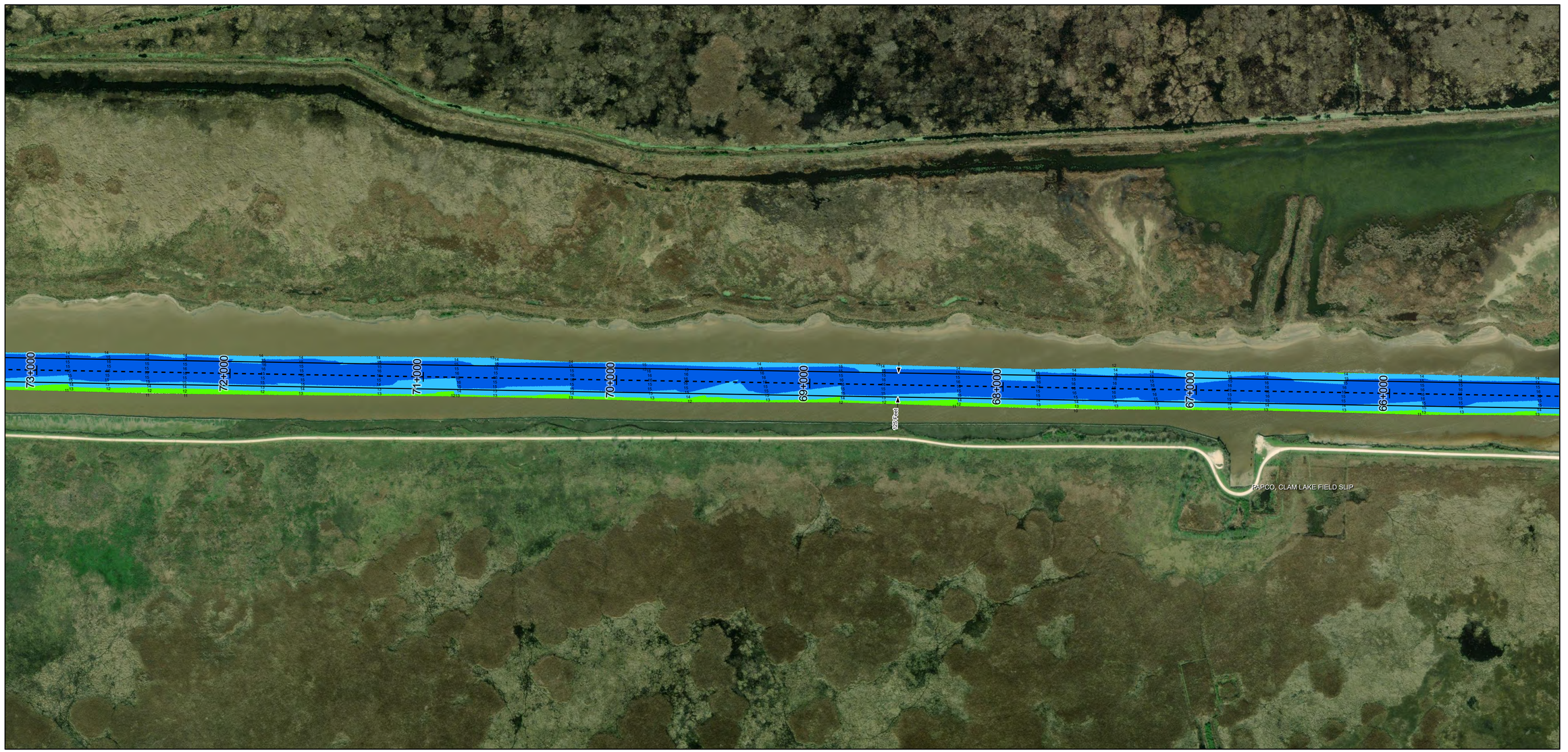
Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Gulf Intracoastal Waterway: Port Arthur to High Island





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 November 2023
Document Page:	10 of 22
Website Index Number:	10
Scale:	1:3,000
Mapped by:	M3AOXPAC
Additional Imagery info:	
Authorized Depth:	-13ft.
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	3/5/2024

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	<17

NOTES:
1. Horizontal coordinates are referenced to texas state plane coordinate system, south central zone nad83 us survey feet.
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World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

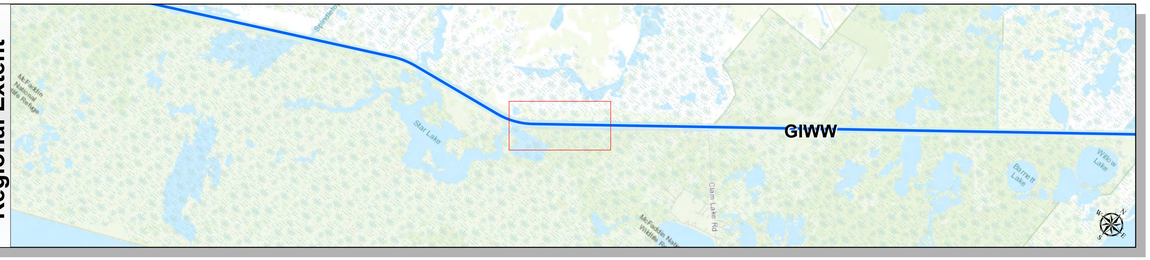
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

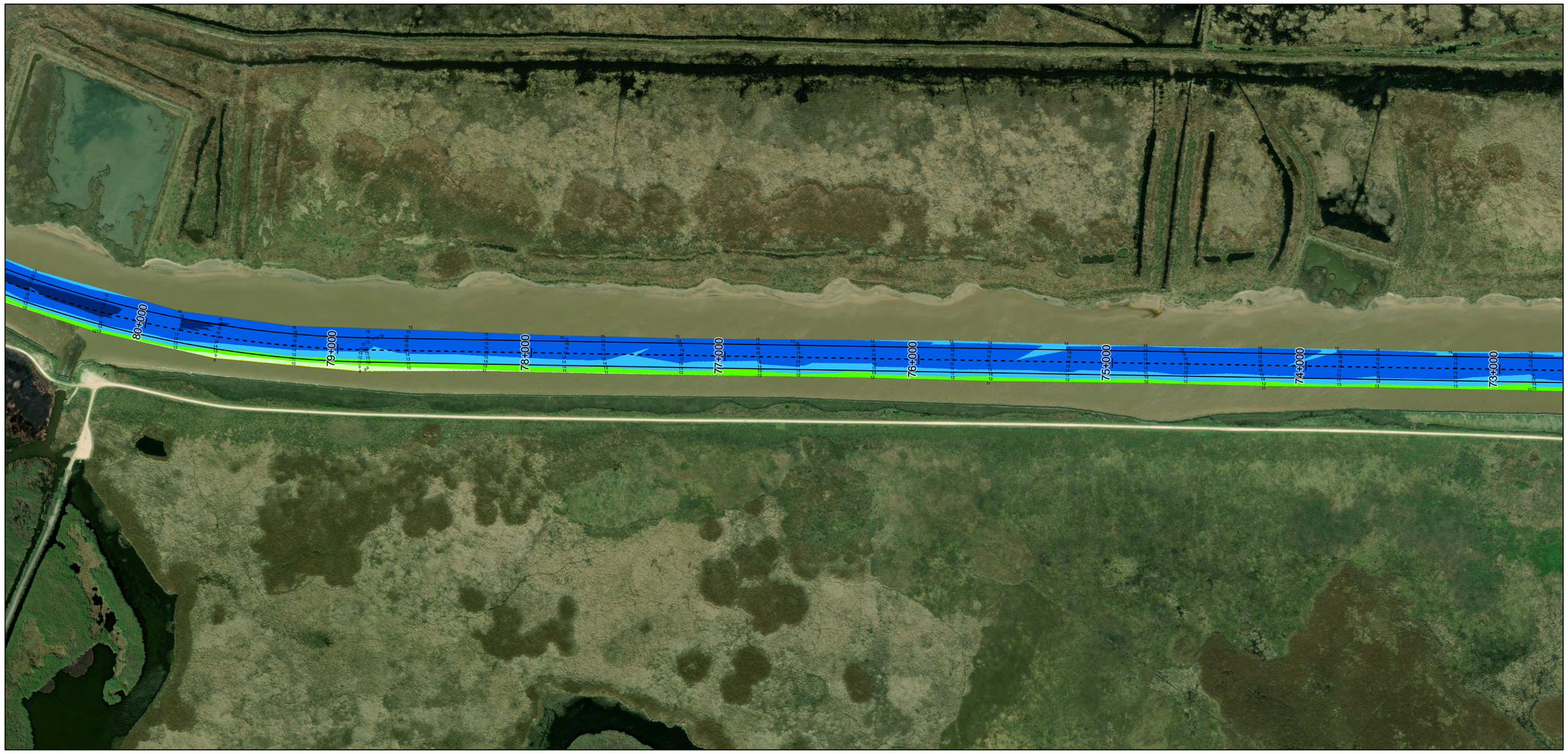
Gulf Intracoastal Waterway: Port Arthur to High Island

U.S. Army Corps of Engineers
Galveston District

Regional Extent



Dredging Reach Extent



Latest Survey Collection Date:	21 November 2023
Document Page: 11 of 22	Website Index Number: 11
Scale: 1:3,000	
Mapped by: M3AOXPAC	
Additional Imagery info:	
Authorized Depth: -13ft.	
Side Slope Ratio: (Rise : Run)	
PDF Print Date: 3/5/2024	

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17

NOTES:
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World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

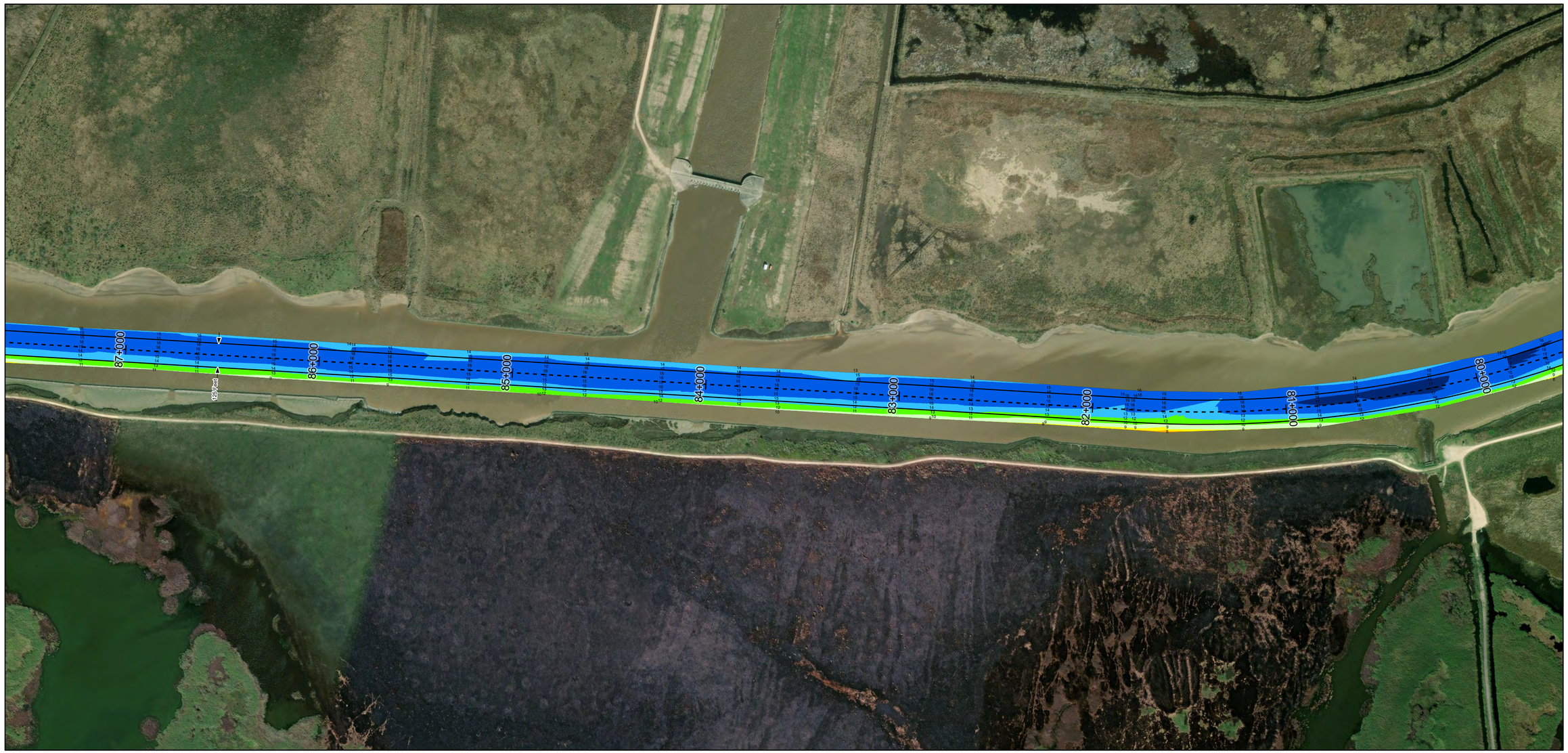
Hydrographic Survey Extent
0 255 510 1,020 Feet

HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Gulf Intracoastal Waterway: Port Arthur to High Island

U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 November 2023
Document Page:	12 of 22
Website Index Number:	12
Scale:	1:3,000
Mapped by:	M3AOXPAC
Authorized Depth:	-13ft.
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	3/5/2024
Additional Imagery info:	

N
W E
S

HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 162+000
GIWW

Port Arthur to High Island

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17

NOTES:
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World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:
Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

Gulf Intracoastal Waterway: Port Arthur to High Island

U.S. Army Corps of Engineers
Galveston District

Latest Survey Collection Date: 21 November 2023
Document Page: 13 of 22
Website Index Number: 13
Scale: 1:3,000
Mapped by: M3AOXPAC
Additional Imagery info:
Authorized Depth: -13ft.
Side Slope Ratio: (Rise : Run)
PDF Print Date: 3/5/2024

HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17

NOTES:
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World_Imagery: Maxar

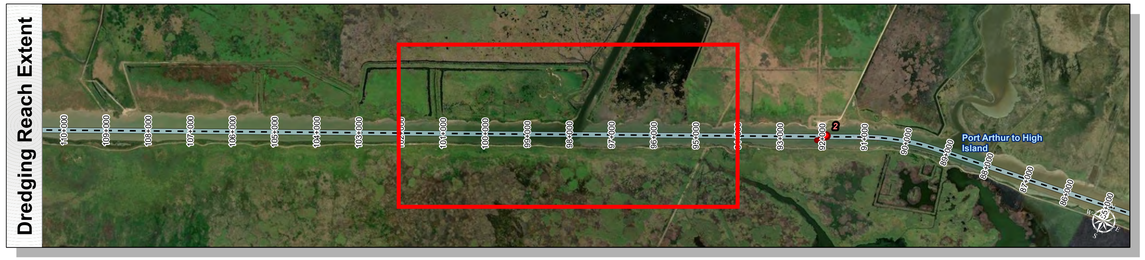
Additional Combined Survey Dates and Stationing:
Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

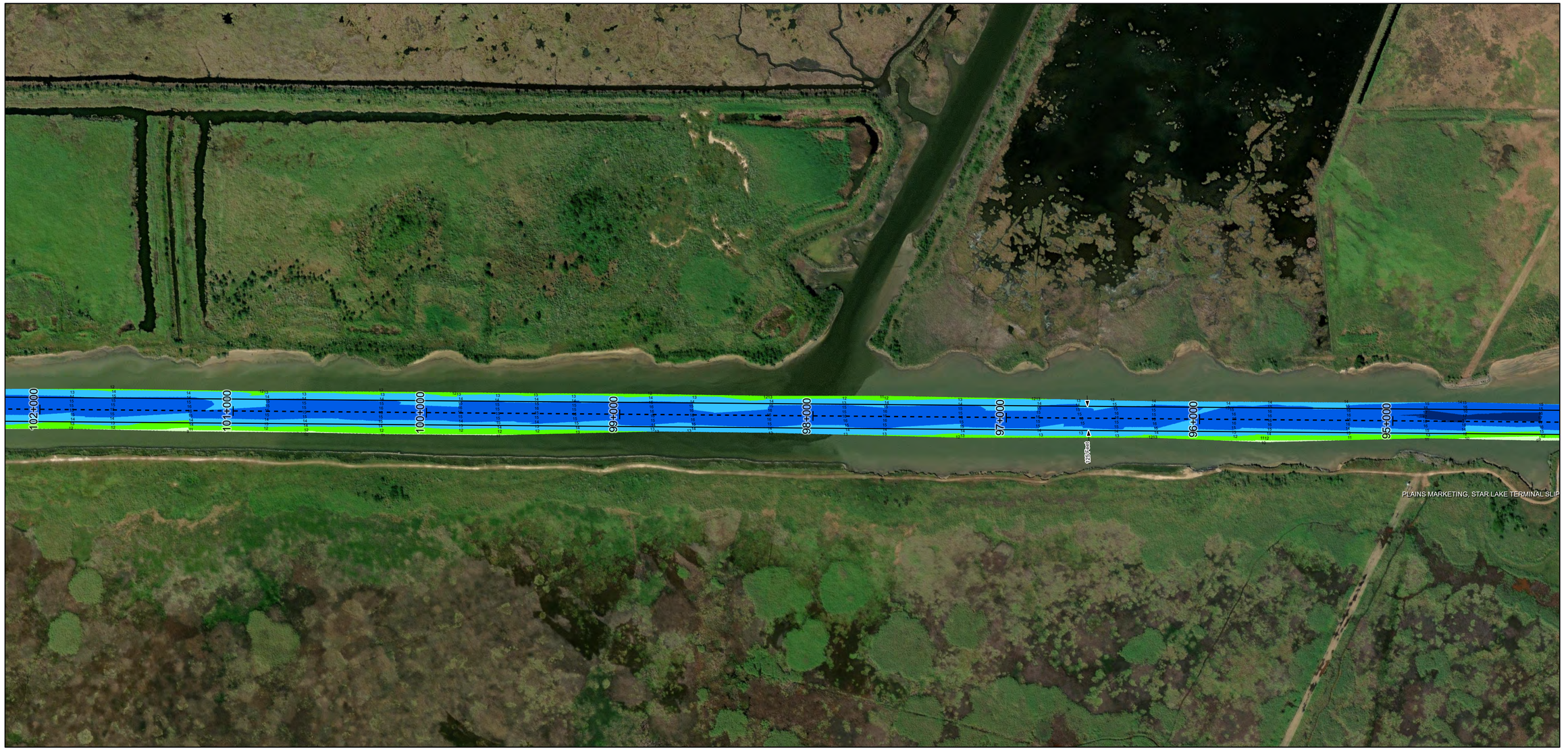
Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

Gulf Intracoastal Waterway: Port Arthur to High Island



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 21 November 2023
Document Page: 14 of 22
Scale: 1:3,000
Mapped by: M3AOXPAC
Additional Imagery info:
Website Index Number: 14
Authorized Depth: -13ft.
Side Slope Ratio: (Rise : Run)
PDF Print Date: 3/5/2024

HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW
0 - 3 | 3 - 5 | 5 - 7 | 7 - 9 | 9 - 11 | 11 - 13 | 13 - 15 | 15 - 17 | < 17

NOTES:
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar

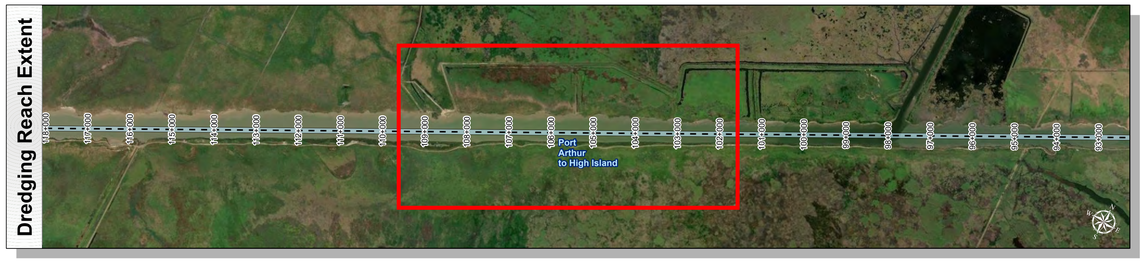
Additional Combined Survey Dates and Stationing:
Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

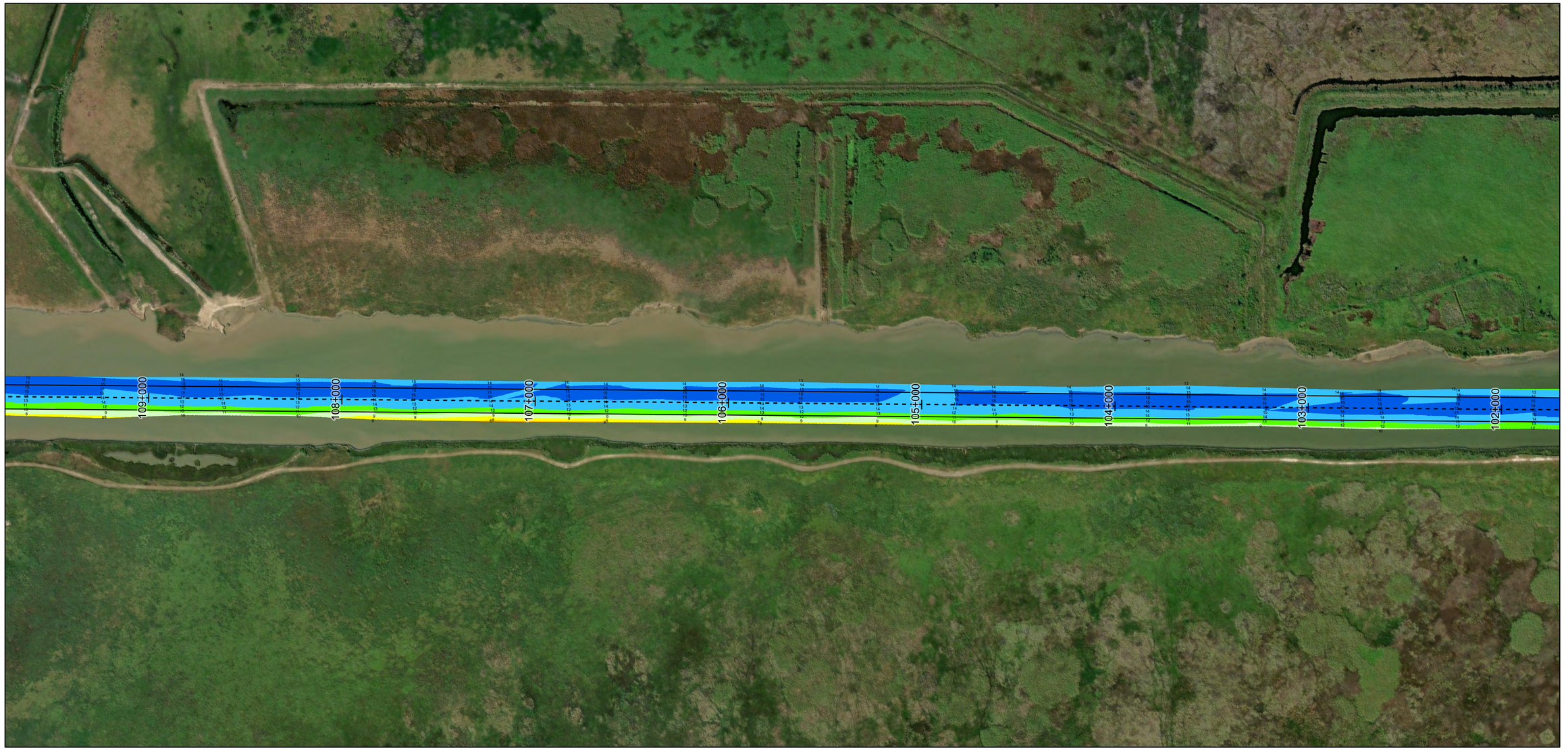
Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

Gulf Intracoastal Waterway: Port Arthur to High Island



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 November 2023
Document Page:	15 of 22
Website Index Number:	15
Scale:	1:3,000
Authorized Depth:	-13ft.
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	3/5/2024
Mapped by:	M3AOXPAC
Additional Imagery info:	

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - -3	3 - -5	5 - -7	7 - -9	9 - -11	11 - -13	13 - -15	15 - -17	< -17

NOTES:
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World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

0 0.3 0.6 1.2 Miles

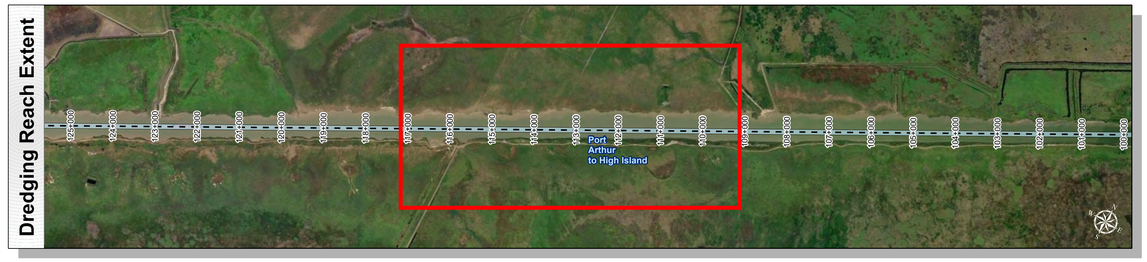
Hydrographic Survey Extent

0 255 510 1,020 Feet

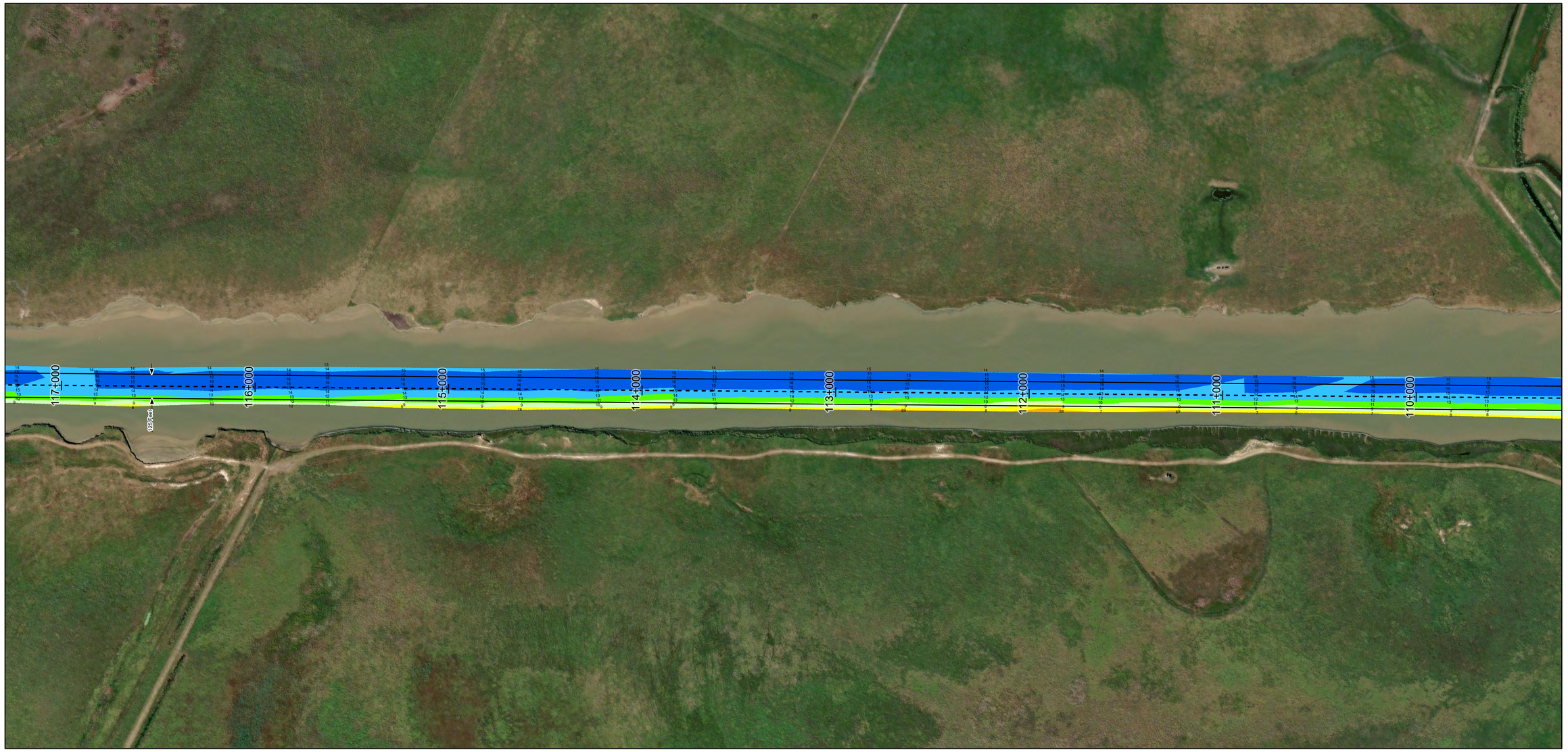
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Gulf Intracoastal Waterway: Port Arthur to High Island



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 November 2023
Document Page: 16 of 22	Website Index Number: 16
Scale: 1:3,000	
Mapped by: M3AOXPAC	
Additional Imagery info:	
Authorized Depth: - 13ft.	
Side Slope Ratio: (Rise : Run)	
PDF Print Date: 3/5/2024	

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17

NOTES:
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

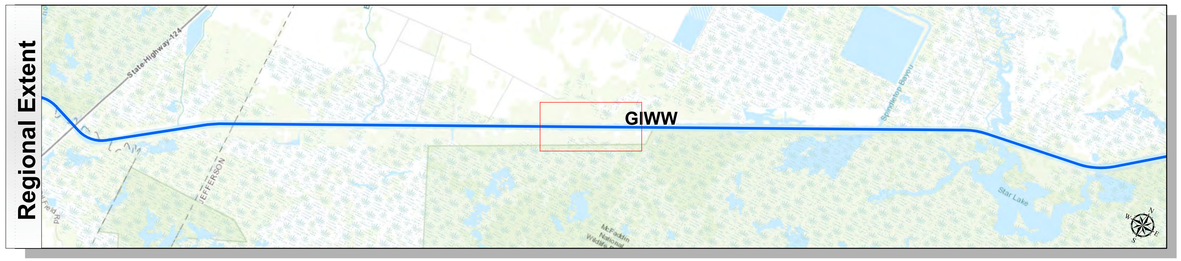
Dredging Reach Extent
0 0.3 0.6 1.2 Miles

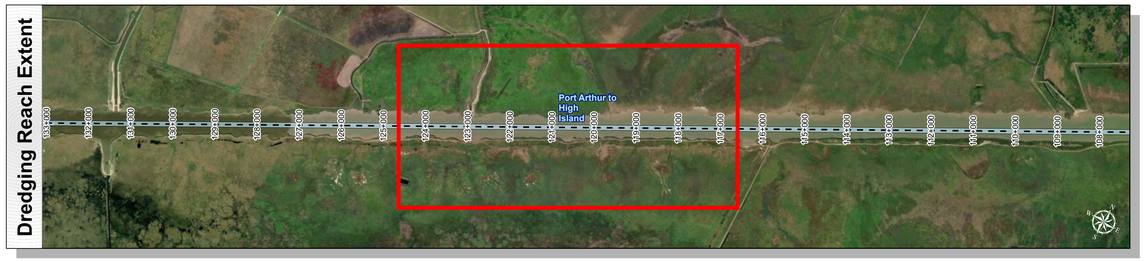
Hydrographic Survey Extent
0 255 510 1,020 Feet

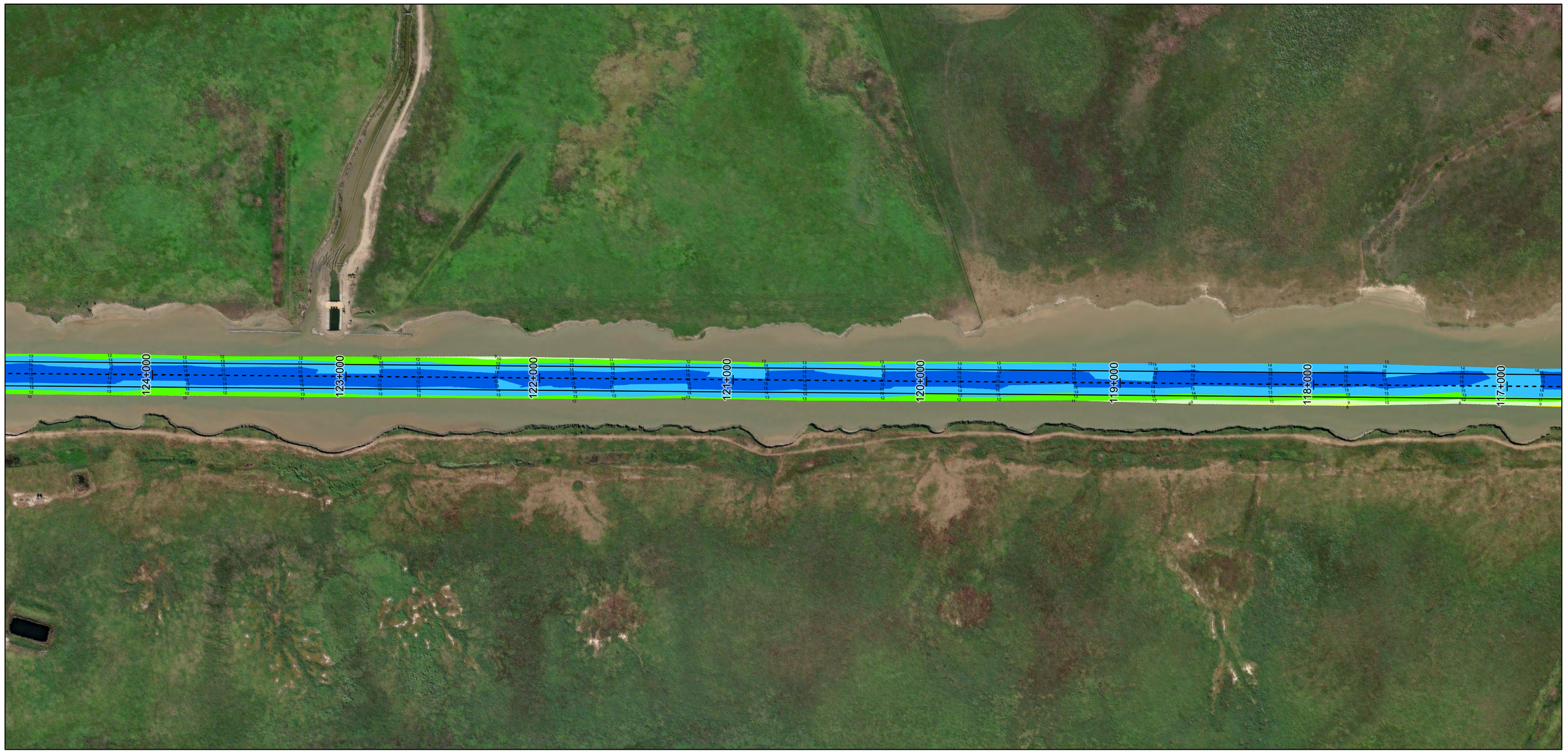
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Gulf Intracoastal Waterway: Port Arthur to High Island







U.S. Army Corps of Engineers
Galveston District

Latest Survey Collection Date: 21 November 2023
Document Page: 17 of 22
Scale: 1:3,000
Mapped by: M3AOXPAC
Additional Imagery info:

Authorized Depth: -13ft.
Side Slope Ratio: (Rise : Run)
Website Index Number: 17
PDF Print Date: 3/5/2024

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW
0 - -3 | 3 - -5 | 5 - -7 | 7 - -9 | 9 - -11 | 11 - -13 | 13 - -15 | 15 - -17 | < -17

NOTES:
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:
Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

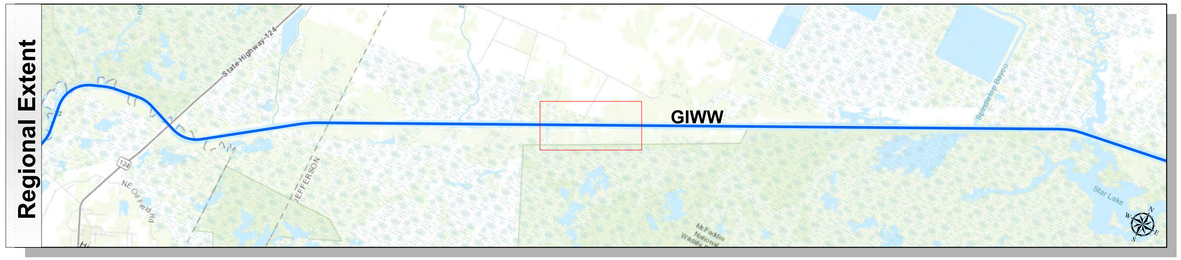
Dredging Reach Extent
0 0.3 0.6 1.2 Miles

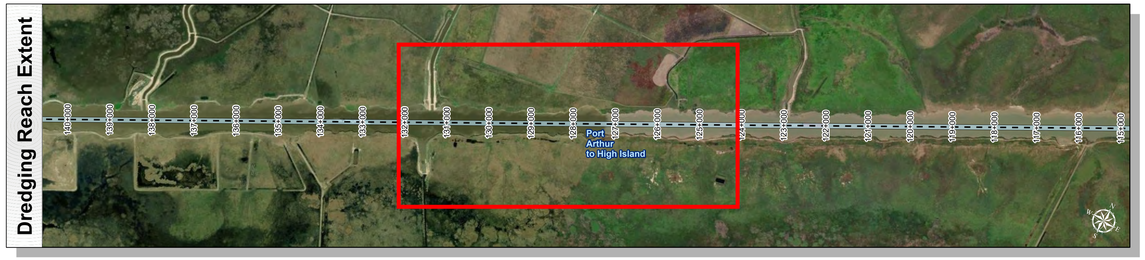
Hydrographic Survey Extent
0 255 510 1,020 Feet

HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

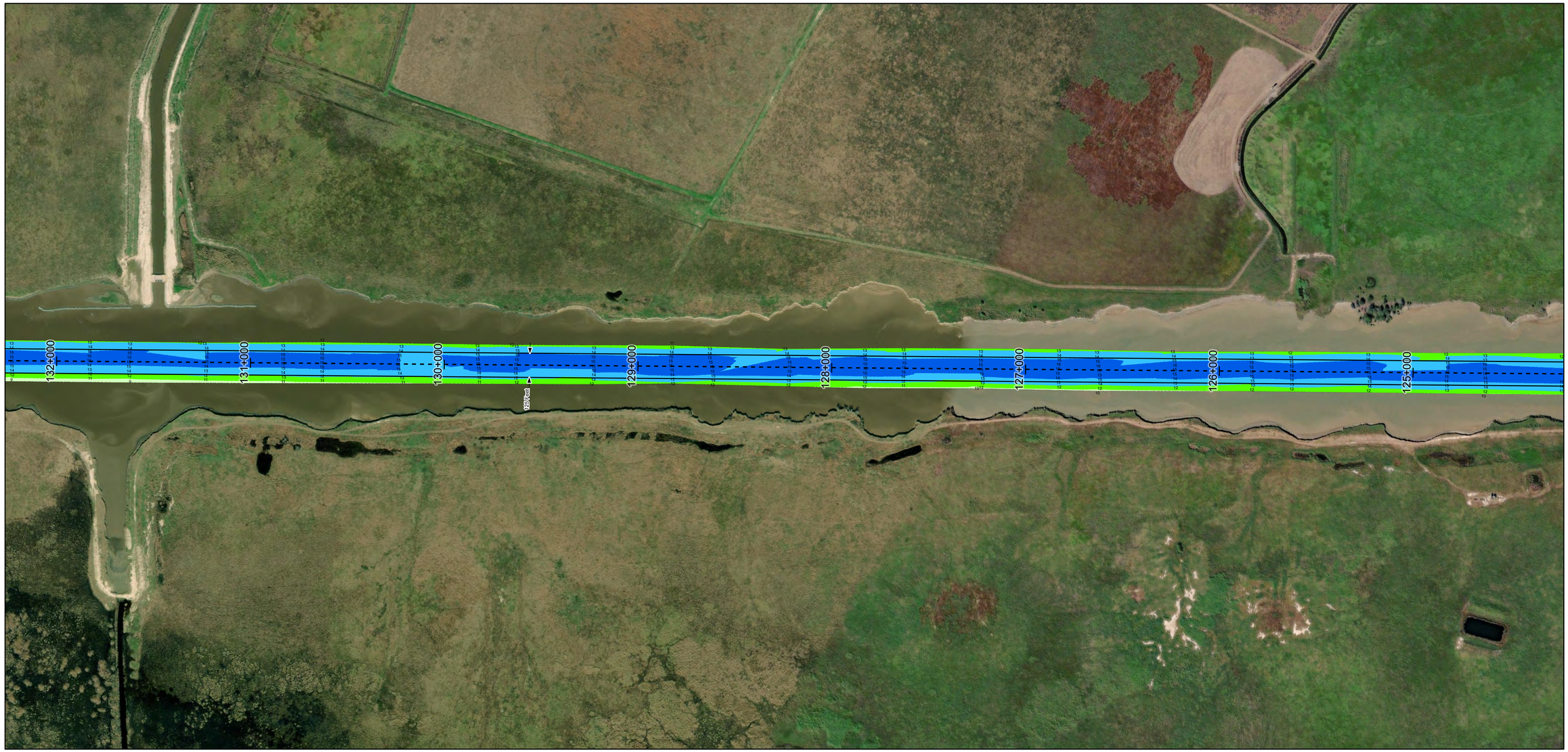
Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Gulf Intracoastal Waterway: Port Arthur to High Island





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 November 2023
Document Page:	18 of 22
Website Index Number:	18
Scale:	1:3,000
Mapped by:	M3AOXPAC
Additional Imagery info:	
Authorized Depth:	-13ft.
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	3/5/2024

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17

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World_Imagery: Maxar

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Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

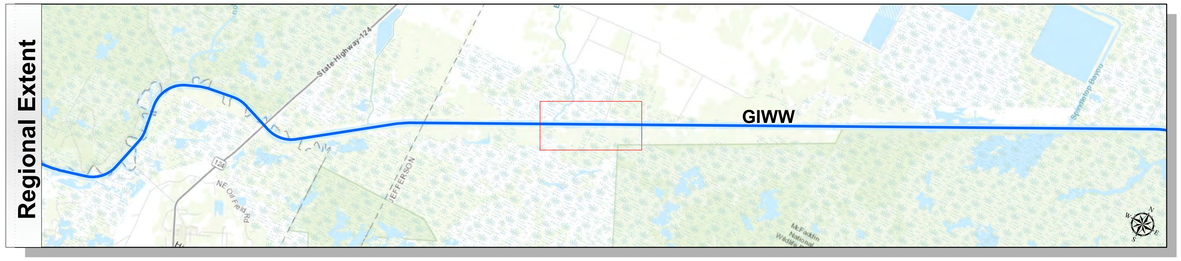
Hydrographic Survey Extent
0 255 510 1,020 Feet

HYDROGRAPHIC SURVEY

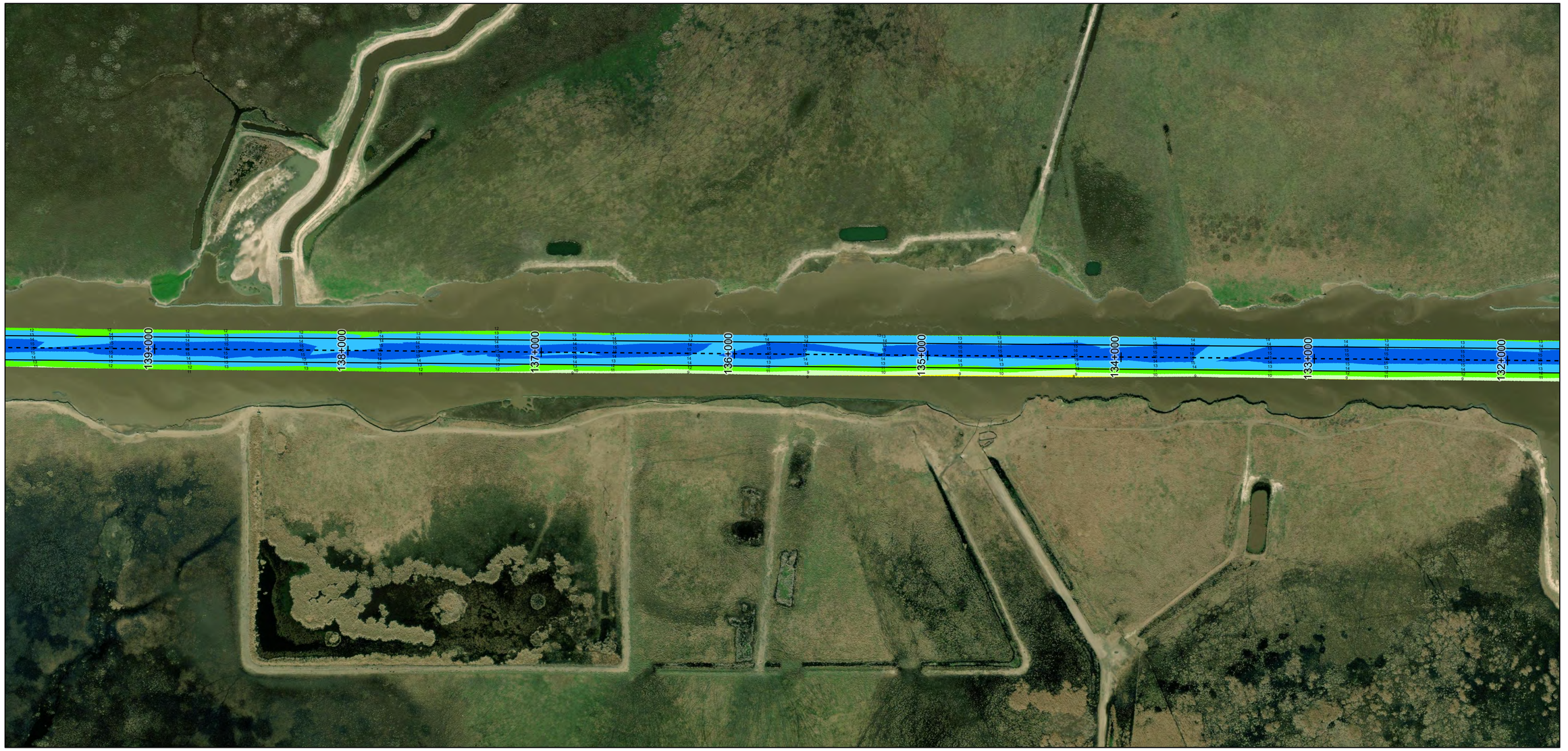
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Gulf Intracoastal Waterway: Port Arthur to High Island



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 November 2023
Document Page: 19 of 22	Website Index Number: 19
Scale: 1:3,000	
Mapped by: M3AOXPAC	
Additional Imagery info:	
Authorized Depth: -13ft.	
Side Slope Ratio: (Rise : Run)	
PDF Print Date: 3/5/2024	

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17

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World_Imagery: Maxar

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Combinded survey dates 20230519_PR_00P00_400P00; 20230523_PR_400P00_606P00; 20230526_PR_604P00_1000P00; 20230526_PR_1000P00_1620P00; 20231121_PR_1P00_33P00

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

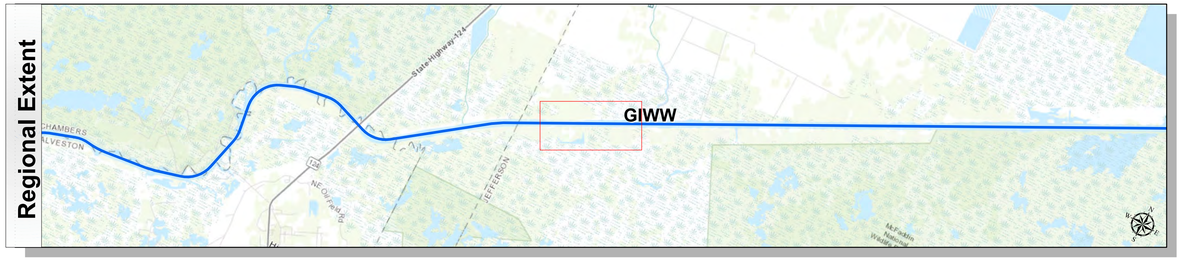
Hydrographic Survey Extent
0 255 510 1,020 Feet

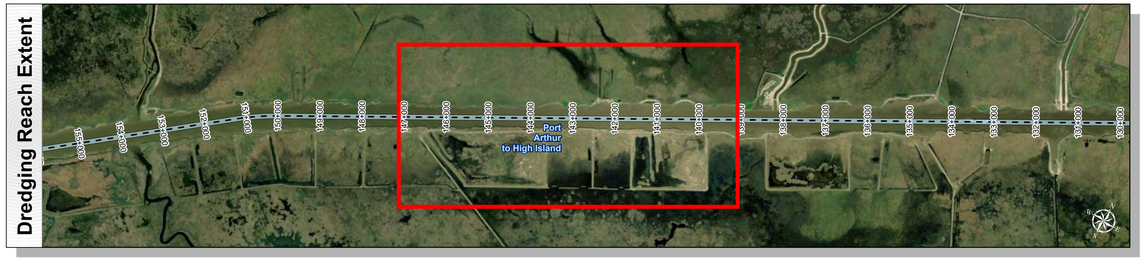
HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

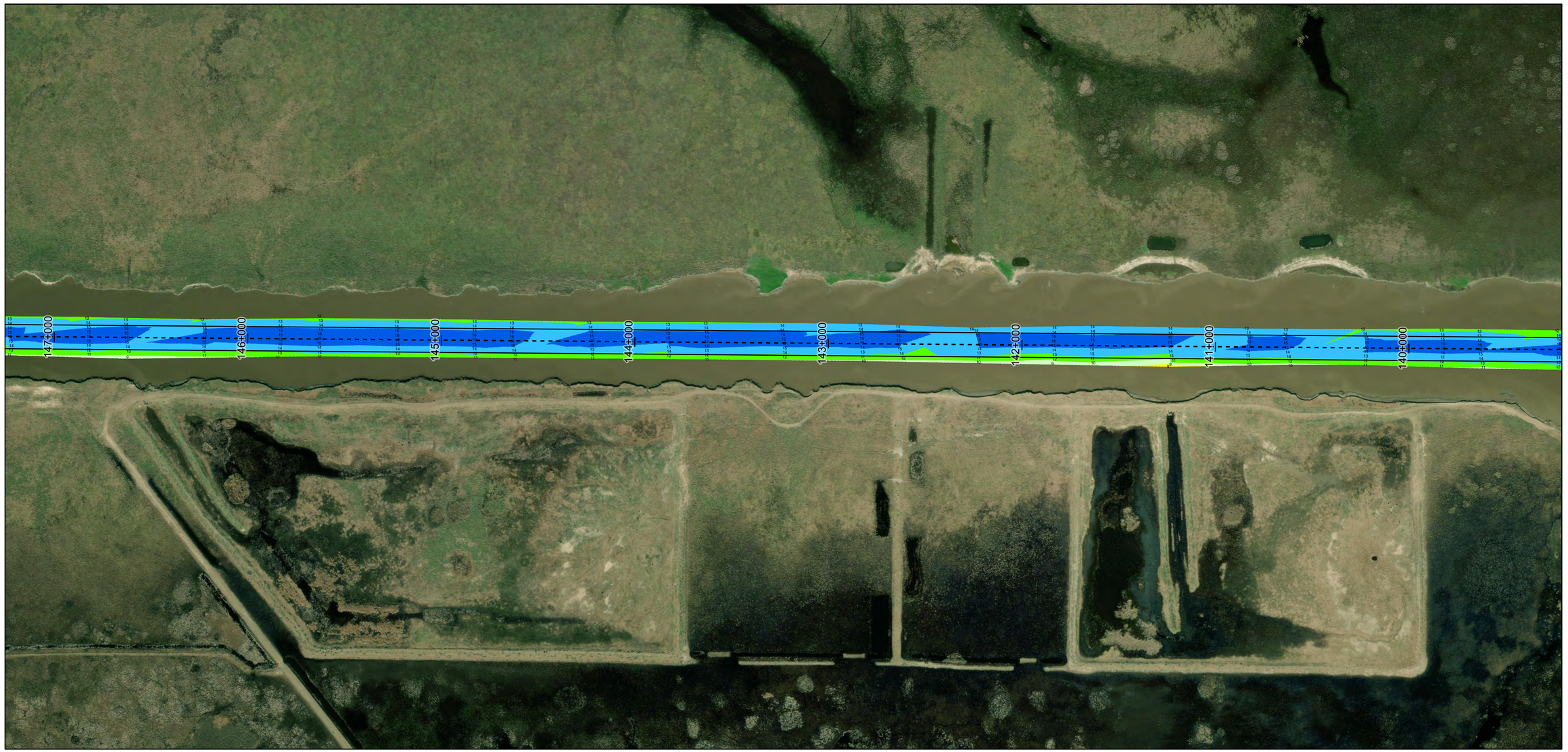
Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Gulf Intracoastal Waterway: Port Arthur to High Island





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 November 2023
Document Page: 20 of 22	Website Index Number: 20
Scale: 1:3,000	
Mapped by: M3AOXPAC	
Additional Imagery info:	
Authorized Depth: -13ft.	
Side Slope Ratio: (Rise : Run)	
PDF Print Date: 3/5/2024	

HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - -3	3 - -5	5 - -7	7 - -9	9 - -11	11 - -13	13 - -15	15 - -17	< -17

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World_Imagery: Maxar

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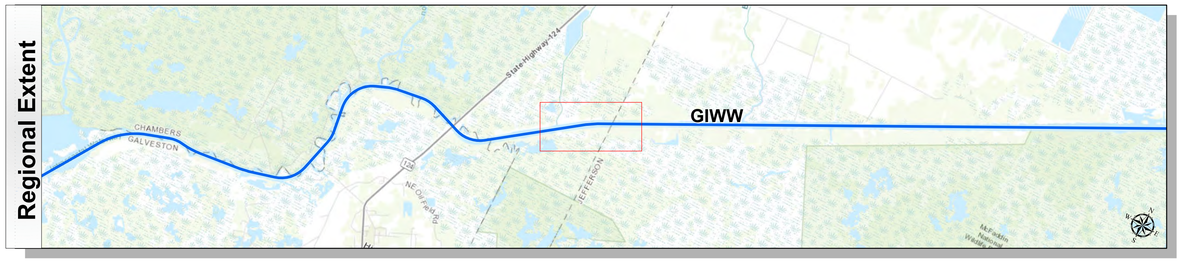
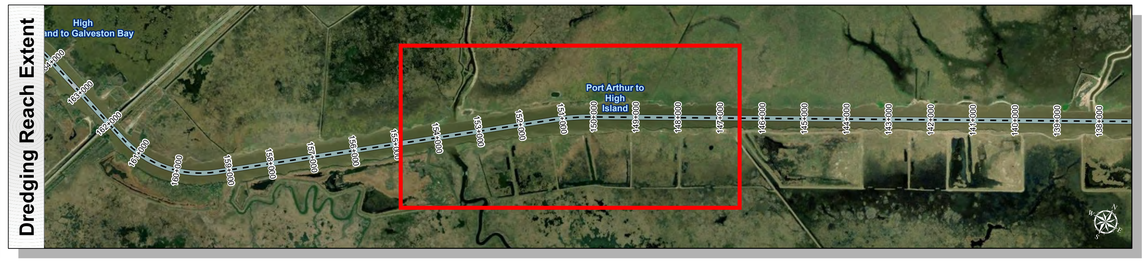
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

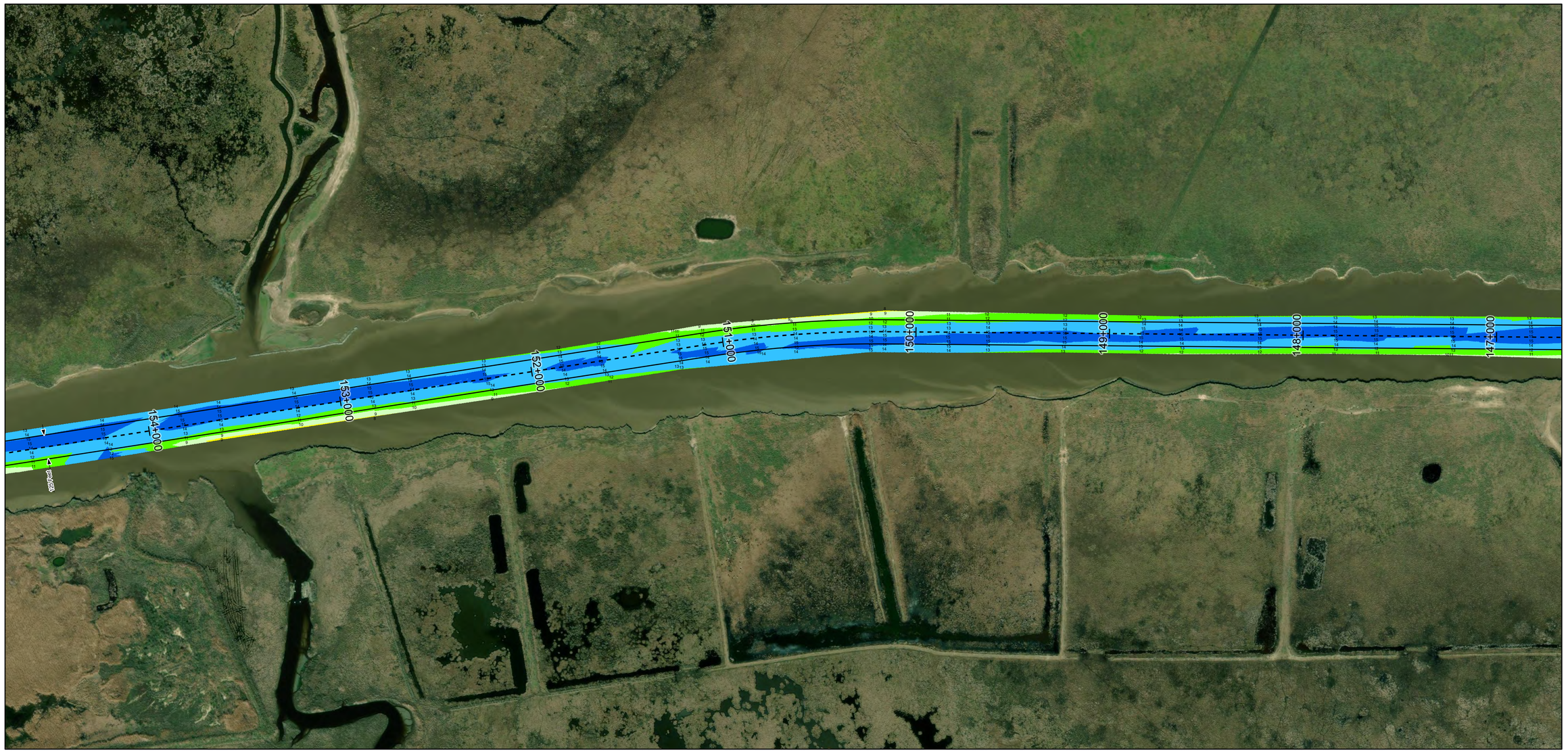
Hydrographic Survey Extent
0 255 510 1,020 Feet

Gulf Intracoastal Waterway: Port Arthur to High Island





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 November 2023
Document Page:	21 of 22
Website Index Number:	21
Scale:	1:3,000
Mapped by:	M3AOXPAC
Additional Imagery info:	
Authorized Depth:	-13ft.
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	3/5/2024

HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW
0 - 3 | 3 - 5 | 5 - 7 | 7 - 9 | 9 - 11 | 11 - 13 | 13 - 15 | 15 - 17 | < 17

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Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
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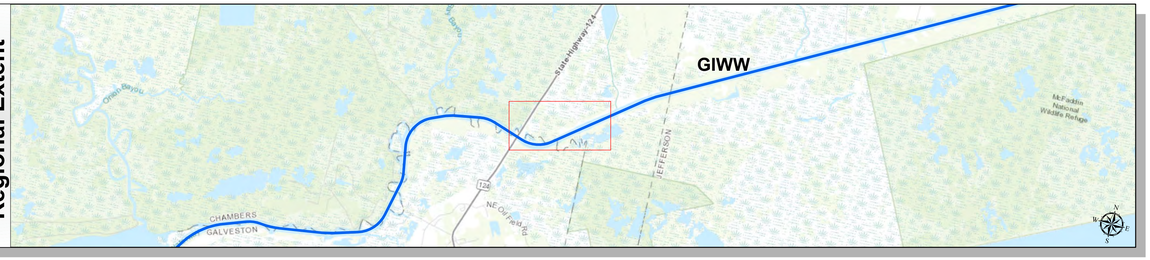
Dredging Reach Extent
0 0.3 0.6 1.2 Miles

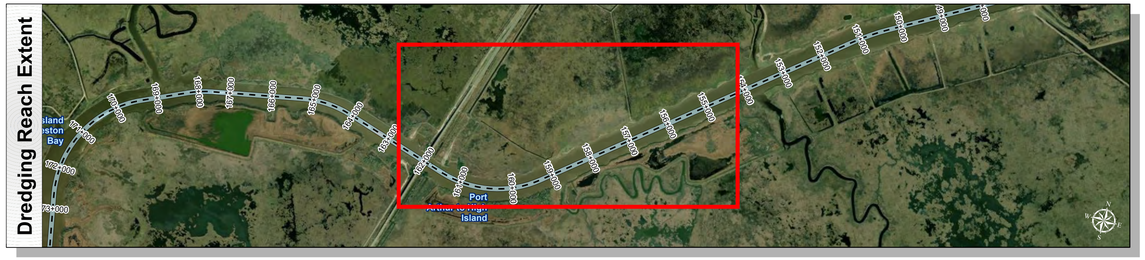
Hydrographic Survey Extent
0 255 510 1,020 Feet

Gulf Intracoastal Waterway: Port Arthur to High Island

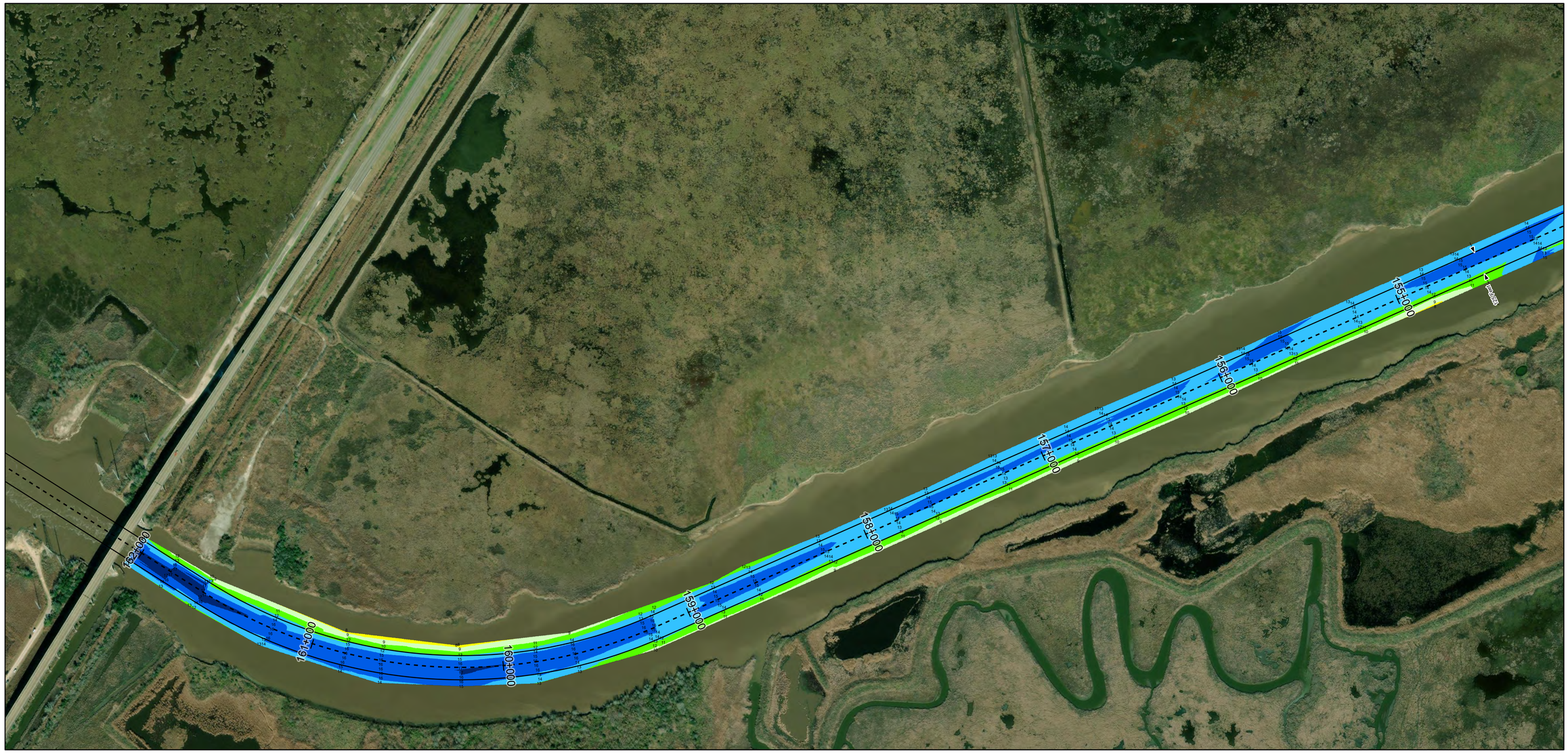
Regional Extent



Dredging Reach Extent



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 21 November 2023
Document Page: 22 of 22
Scale: 1:3,000
Mapped by: M3AOXPAC
Additional Imagery info:

Authorized Depth: -13ft.
Side Slope Ratio: (Rise : Run)
Website Index Number: 22
PDF Print Date: 3/5/2024

N
W
E
S

HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 162+000
GIWW
Port Arthur to High Island

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW
0 - 3 | 3 - 5 | 5 - 7 | 7 - 9 | 9 - 11 | 11 - 13 | 13 - 15 | 15 - 17 | < 17

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0 0.3 0.6 1.2 Miles

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0 255 510 1,020 Feet