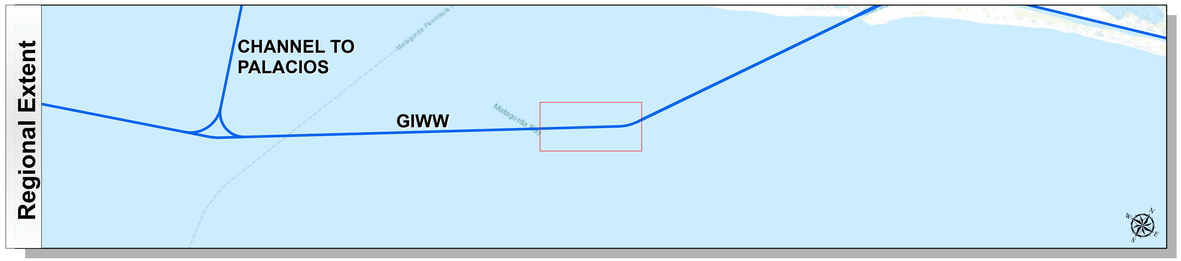
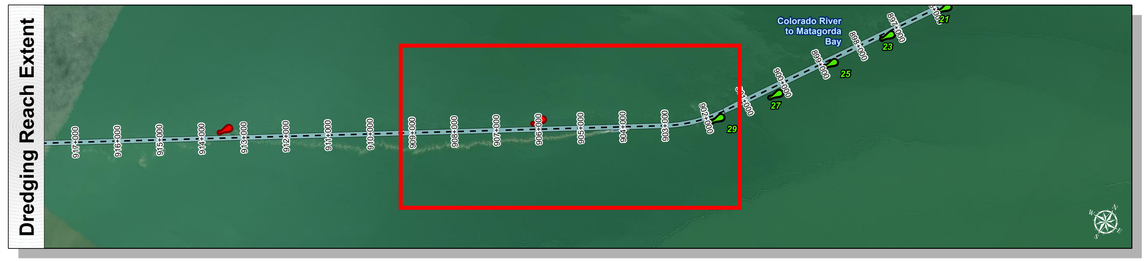
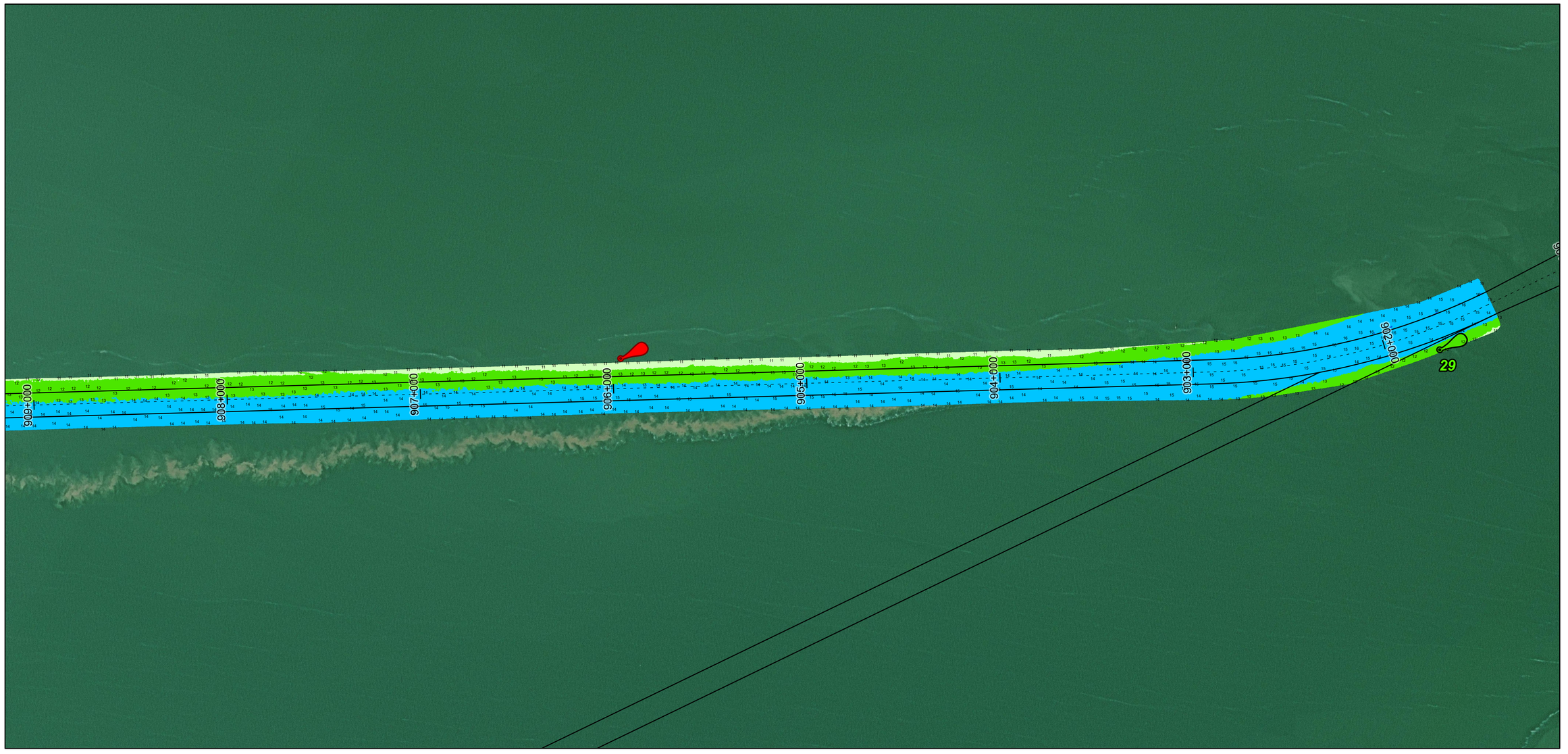
Gulf Intracoastal Waterway: Natural Bay Bottom





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	01 July 2025
Authorized Depth: -14ft.	
Width Range: 125ft to 1725ft	
Website Index Number: 130	
Side Slope Ratio: (Rise : Run)	
Document Page: 1 of 10	
Scale: 1:3,000	
PDF Print Date: 7/11/2025	
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 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

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 Water (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
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

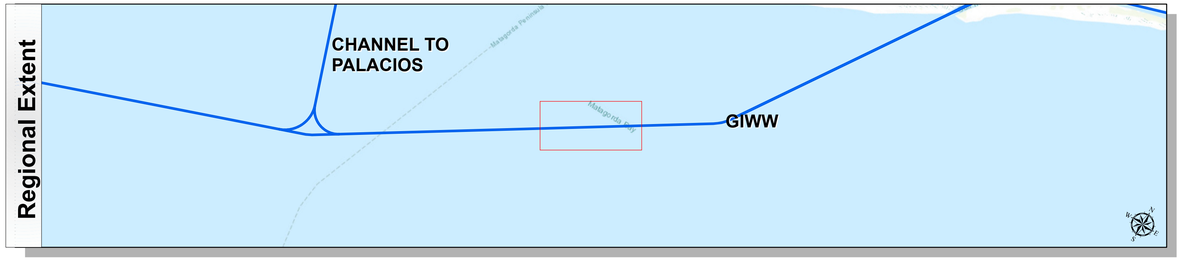
Dredging Reach Extent
0 0.3 0.6 1.2 Miles

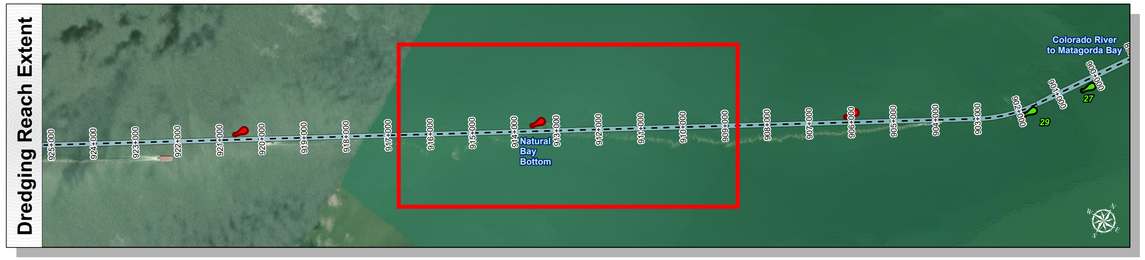
Hydrographic Survey Extent
0 255 510 1,020 Feet

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

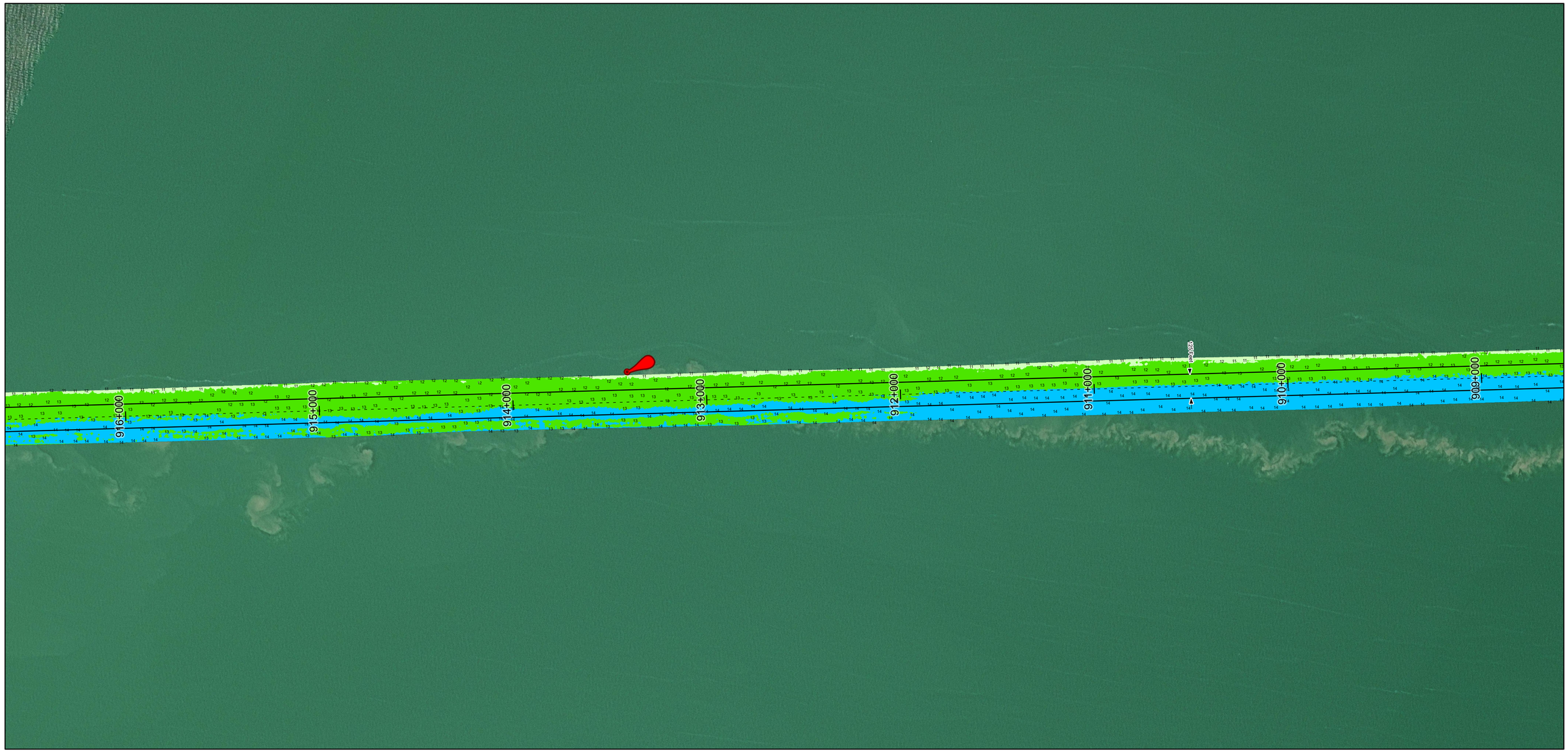
Station: 901+423.55 to 972+939.05
GIWW
Natural Bay Bottom

Gulf Intracoastal Waterway: Natural Bay Bottom





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 01 July 2025
Document Page: 2 of 10
Scale: 1:3,000
Authorized Depth: -14ft.
Width Range: 125ft to 1725ft
Website Index Number: 131
Side Slope Ratio: (Rise : Run)
PDF Print Date: 7/11/2025
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 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

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
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

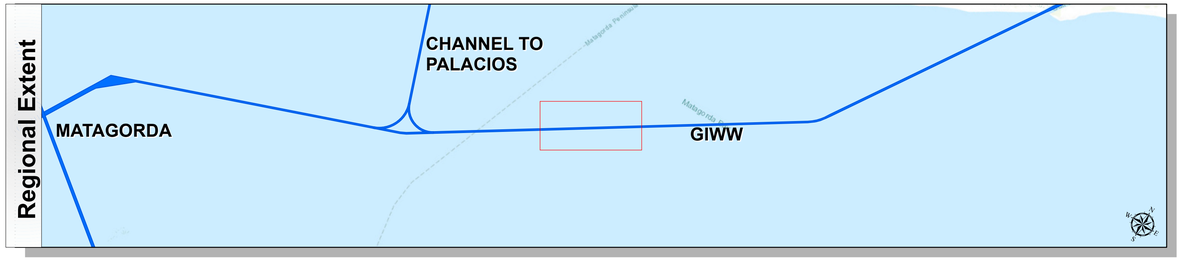
Hydrographic Survey Extent
0 255 510 1,020 Feet

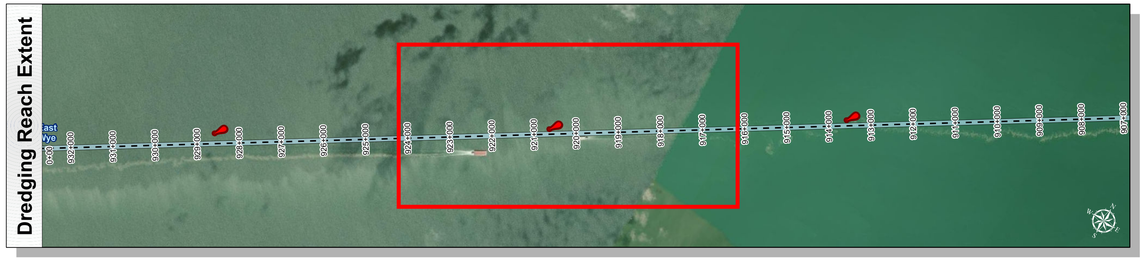
HYDROGRAPHIC SURVEY

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

Station: 901+423.55 to 972+939.05
GIWW
Natural Bay Bottom

Gulf Intracoastal Waterway: Natural Bay Bottom





U.S. Army Corps of Engineers
Galveston District

Latest Survey Collection Date:	01 July 2025
Document Page:	3 of 10
Website Index Number:	132
Scale:	1:3,000
Authorized Depth:	-14ft.
Width Range:	125ft to 1725ft
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	7/11/2025
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 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

NOTES:
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World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

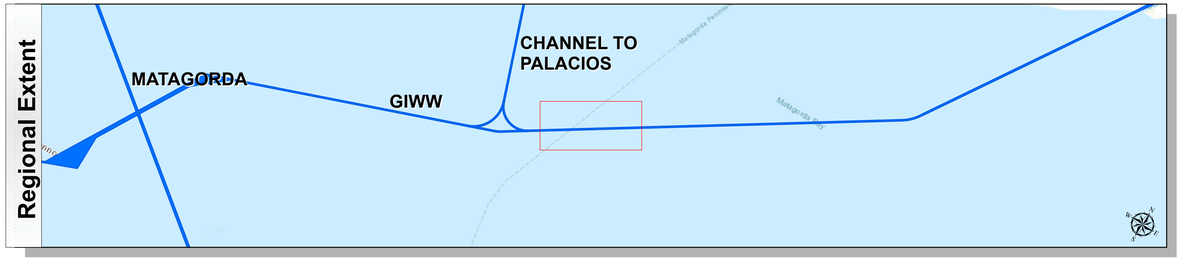
Hydrographic Survey Extent
0 255 510 1,020 Feet

HYDROGRAPHIC SURVEY

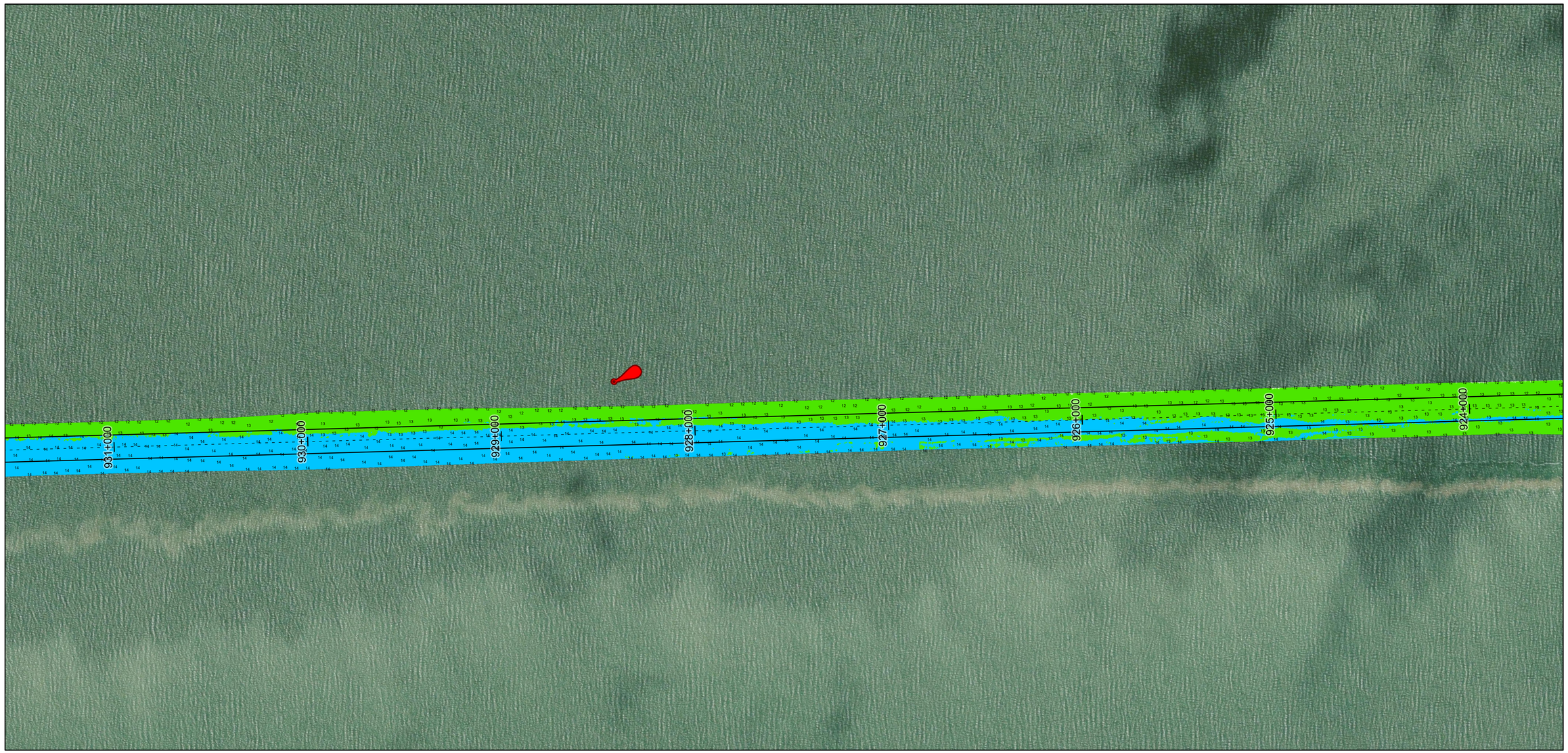
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 901+423.55 to 972+939.05
GIWW
Natural Bay Bottom

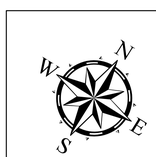
Gulf Intracoastal Waterway: Natural Bay Bottom



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	01 July 2025
Document Page:	4 of 10
Website Index Number:	133
Scale:	1:3,000
Mapped by:	M3AOXPAC
Additional Imagery info:	
Authorized Depth:	-14ft.
Width Range:	125ft to 1725ft
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	7/11/2025



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - -4	4 - -6	6 - -8	8 - -10	10 - -12	12 - -14	14 - -16	16 - -18	< -18

NOTES:
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World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

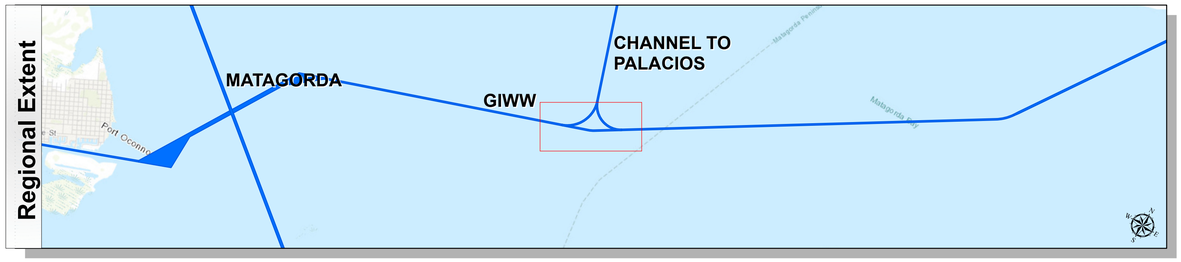
Dredging Reach Extent
0 0.3 0.6 1.2 Miles

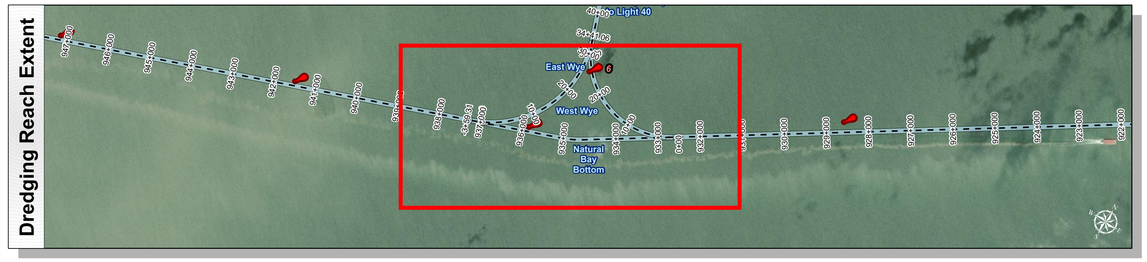
Hydrographic Survey Extent
0 255 510 1,020 Feet

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

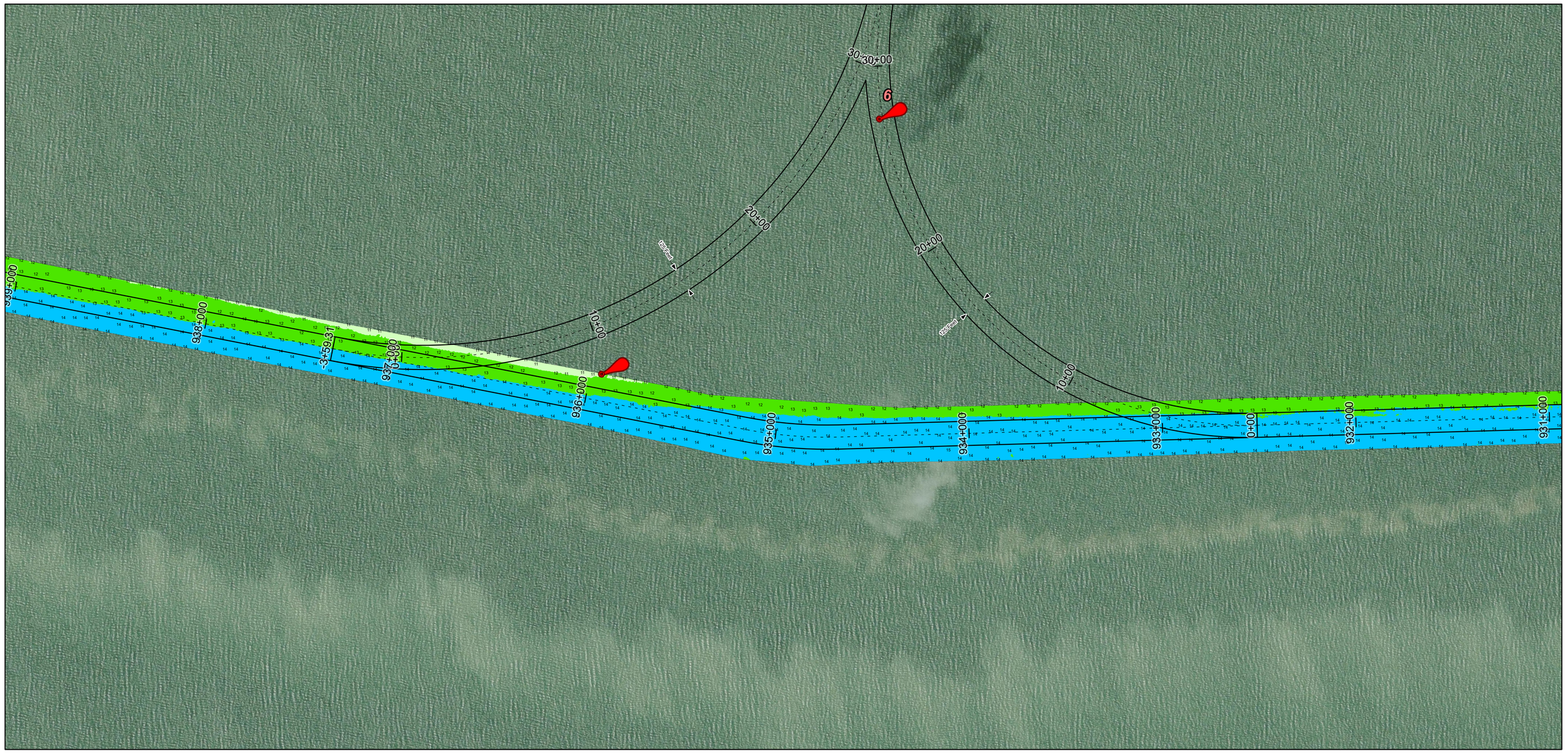
Station: 901+423.55 to 972+939.05
GIWW
Natural Bay Bottom

Gulf Intracoastal Waterway: Natural Bay Bottom





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	01 July 2025
Authorized Depth: -14ft.	
Document Page: 5 of 10	Website Index Number: 134
Width Range: 125ft to 1725ft	
Scale: 1:3,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 7/11/2025
Additional Imagery info:	

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

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
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

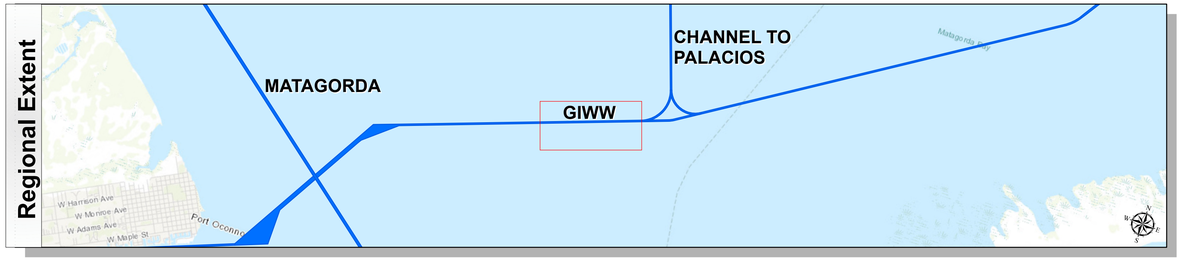
Dredging Reach Extent
0 0.3 0.6 1.2 Miles

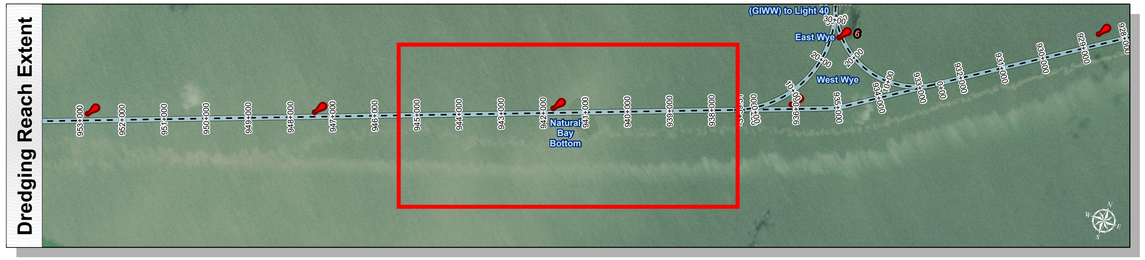
Hydrographic Survey Extent
0 255 510 1,020 Feet

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

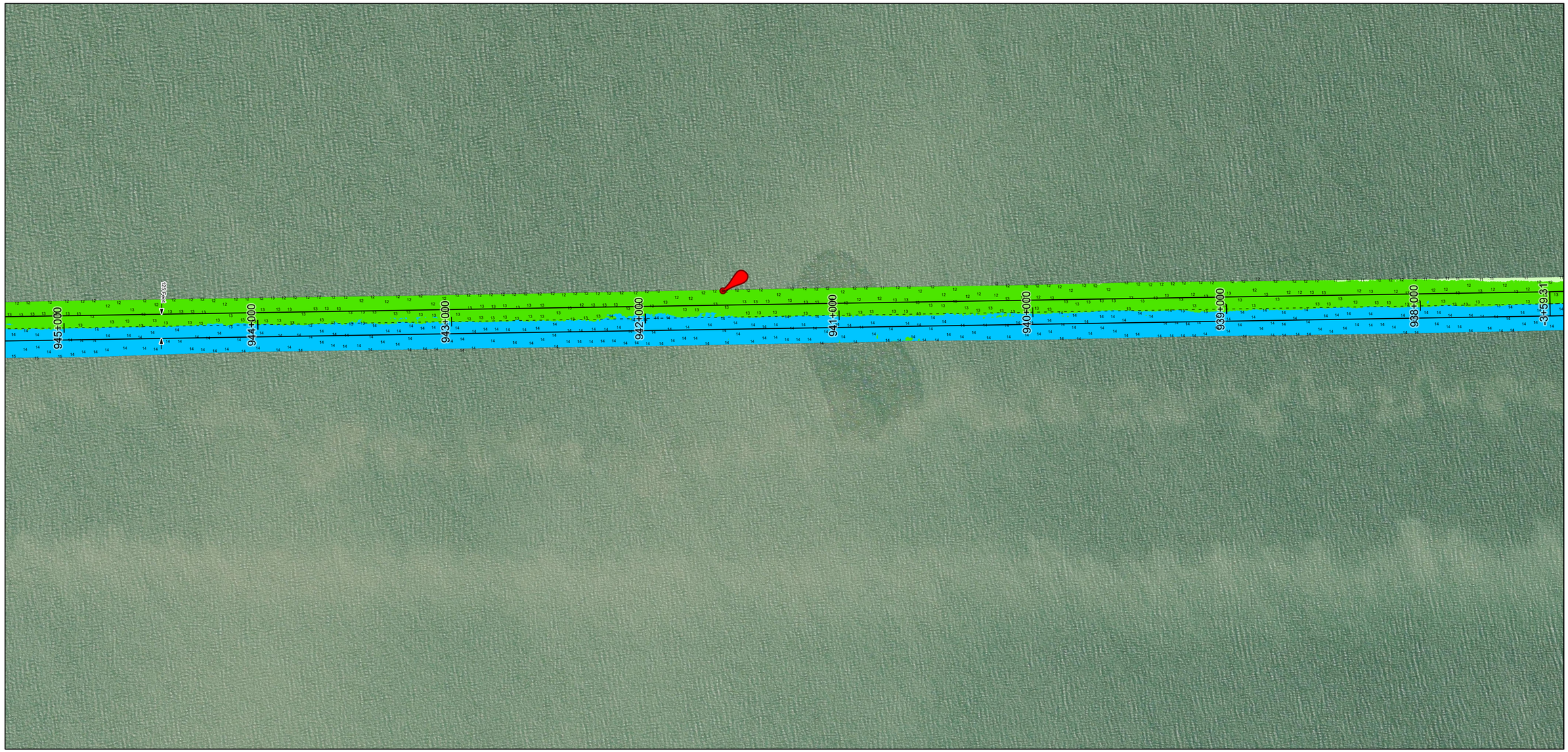
Station: 901+423.55 to 972+939.05
GIWW
Natural Bay Bottom

Gulf Intracoastal Waterway: Natural Bay Bottom





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	01 July 2025
Document Page:	6 of 10
Scale:	1:3,000
Mapped by:	M3AOXPAC
Additional Imagery Info:	
Authorized Depth:	-14ft.
Width Range:	125ft to 1725ft
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	7/11/2025
Website Index Number:	135

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

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

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

NOTES:
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World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

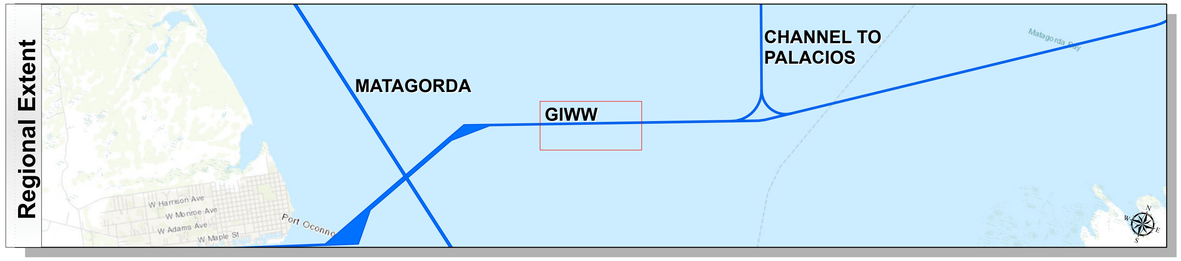
Hydrographic Survey Extent
0 255 510 1,020 Feet

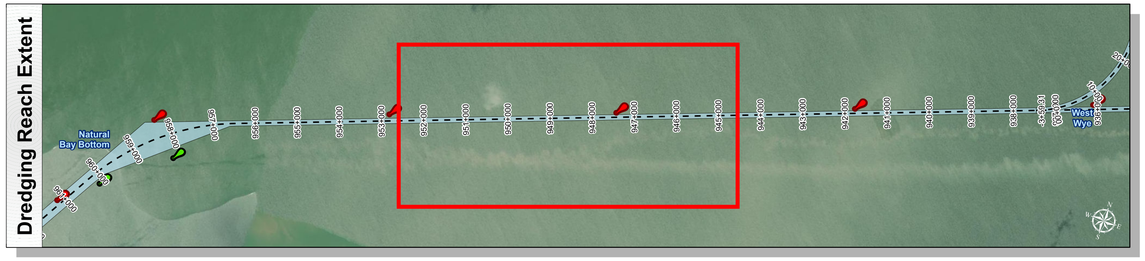
N
W E
S

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

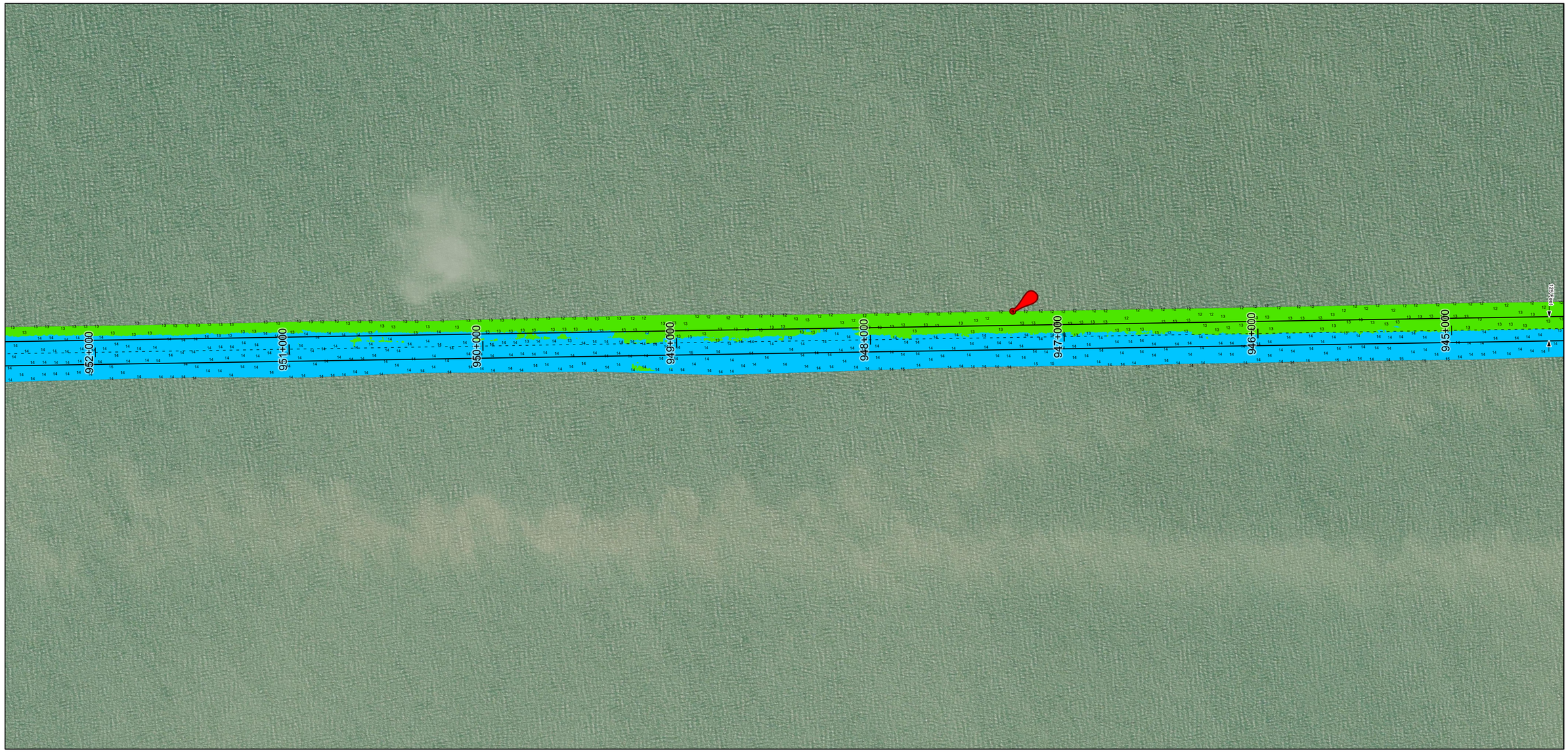
Station: 901+423.55 to 972+939.05
GIWW
Natural Bay Bottom

Gulf Intracoastal Waterway: Natural Bay Bottom





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	01 July 2025
Document Page: 7 of 10	Website Index Number: 136
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 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

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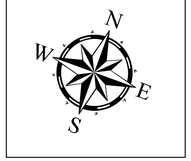
World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

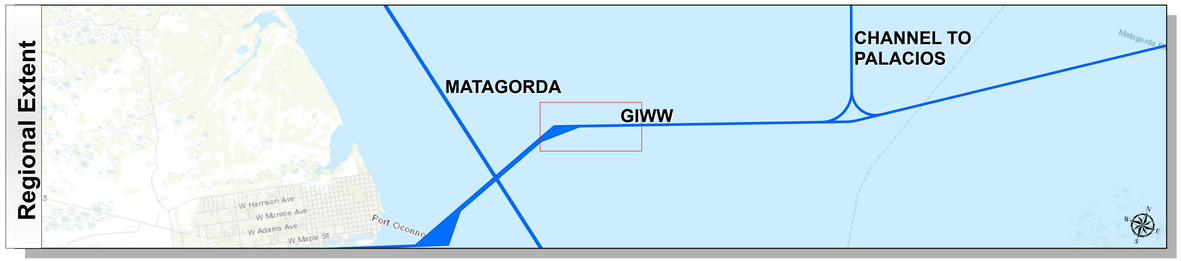
Hydrographic Survey Extent
0 255 510 1,020 Feet

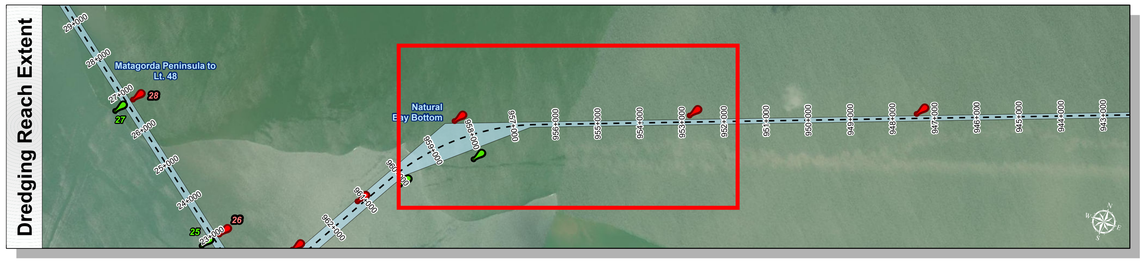


HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

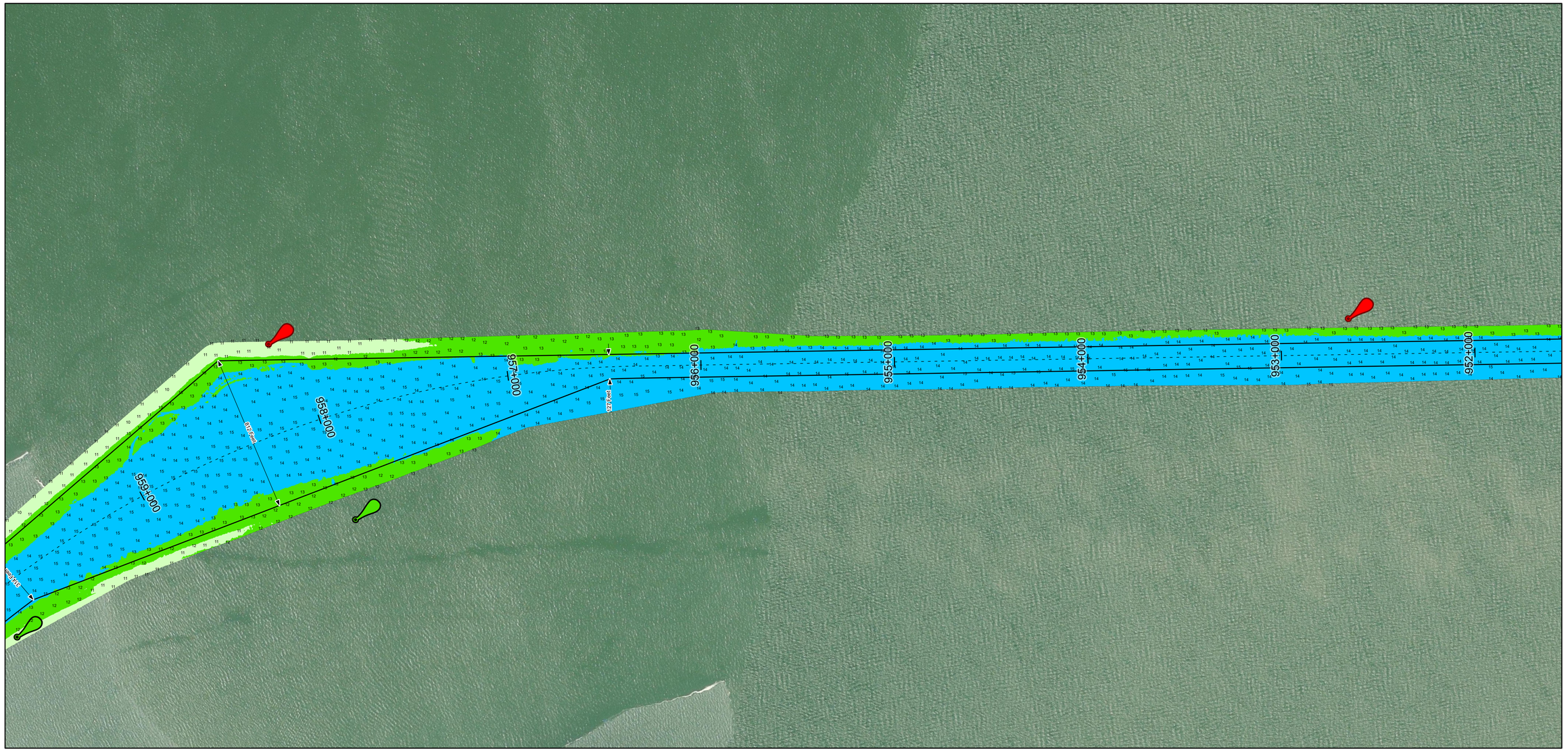
Station: 901+423.55 to 972+939.05
GIWW
Natural Bay Bottom

Gulf Intracoastal Waterway: Natural Bay Bottom





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 01 July 2025
Document Page: 8 of 10
Scale: 1:3,000
Mapped by: M3AOXPAC
Additional Imagery info:

Authorized Depth: -14ft.
Width Range: 125ft to 1725ft
Website Index Number: 137
Side Slope Ratio: (Rise : Run)
PDF Print Date: 7/11/2025

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

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

MLLW
0 - 4 | 4 - 6 | 6 - 8 | 8 - 10 | 10 - 12 | 12 - 14 | 14 - 16 | 16 - 18 | < 18

NOTES:
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Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

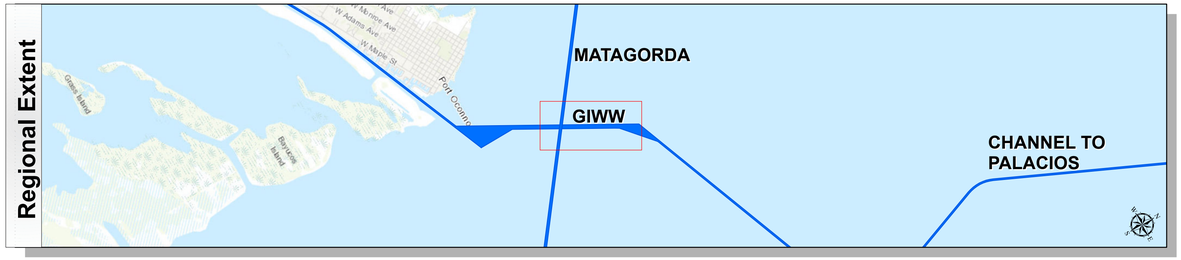
Dredging Reach Extent
0 0.3 0.6 1.2 Miles

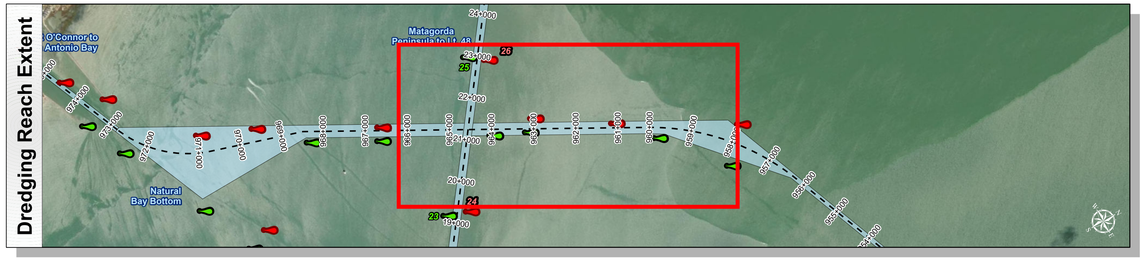
Hydrographic Survey Extent
0 255 510 1,020 Feet

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

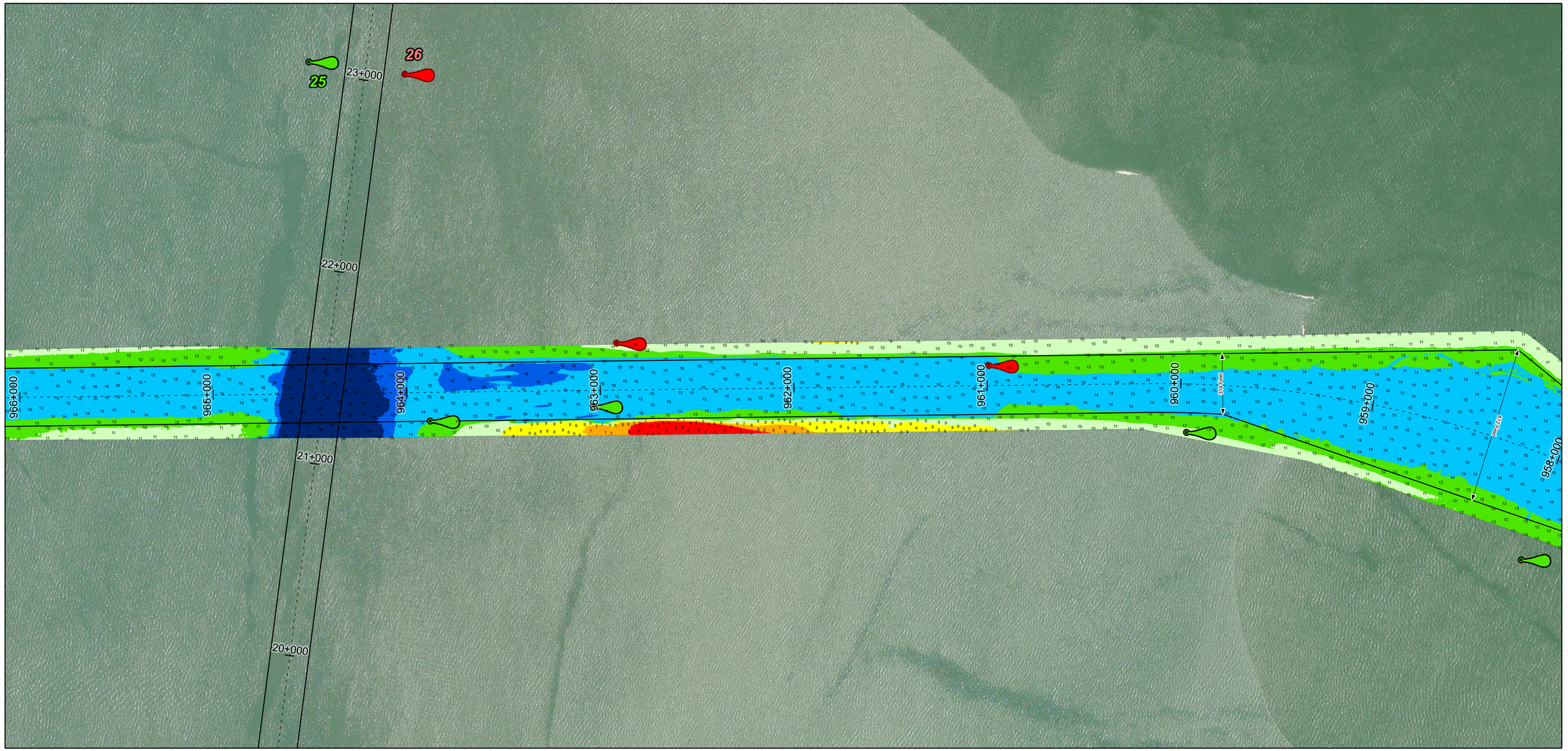
Station: 901+423.55 to 972+939.05
GIWW
Natural Bay Bottom

Gulf Intracoastal Waterway: Natural Bay Bottom





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	01 July 2025
Document Page: 9 of 10	Website Index Number: 138
Scale: 1:3,000	
Mapped by: M3AOXPAC	
Additional Imagery Info:	
Authorized Depth: -14ft.	
Width Range: 125ft to 1725ft	
Side Slope Ratio: (Rise : Run)	
PDF Print Date: 7/11/2025	

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

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

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

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CORPS OF ENGINEERS
GALVESTON, TEXAS

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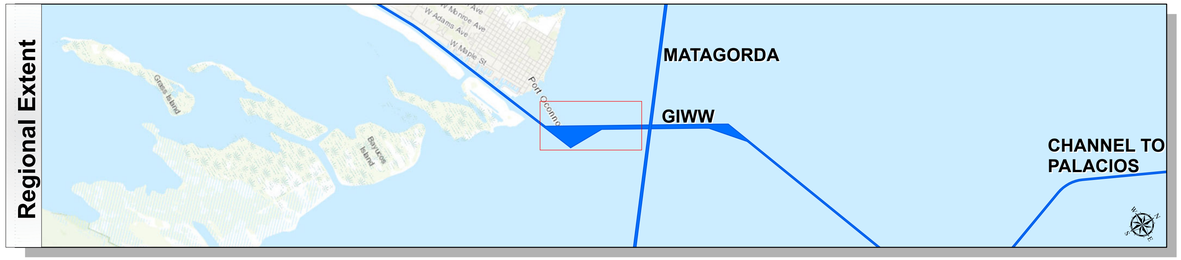
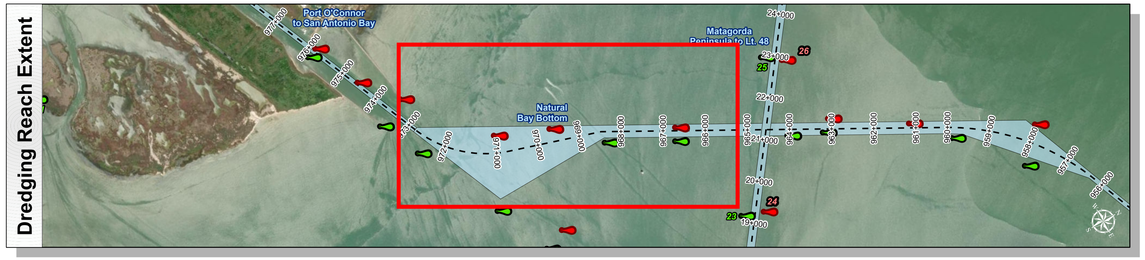
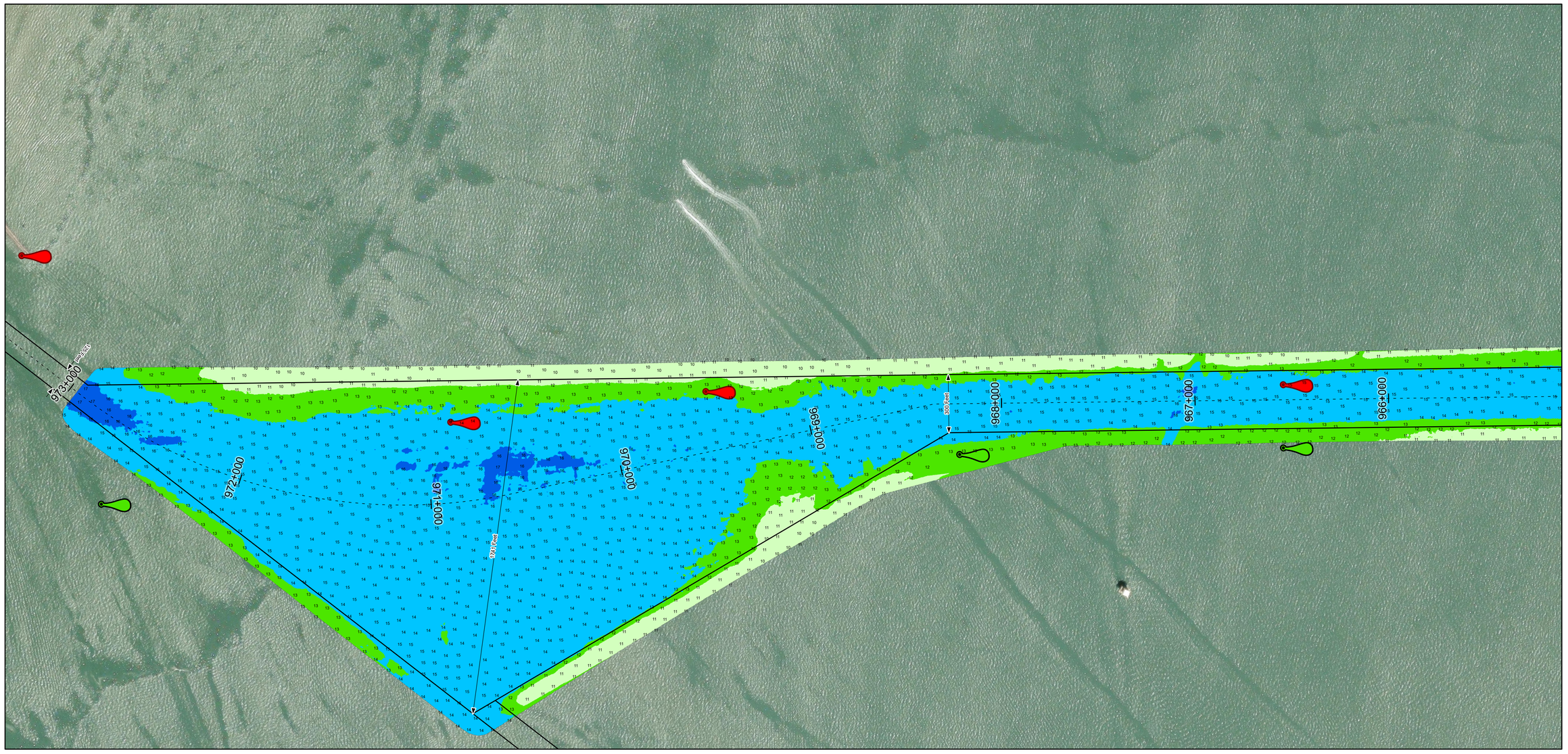




U.S. Army Corps of Engineers
Galveston District



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