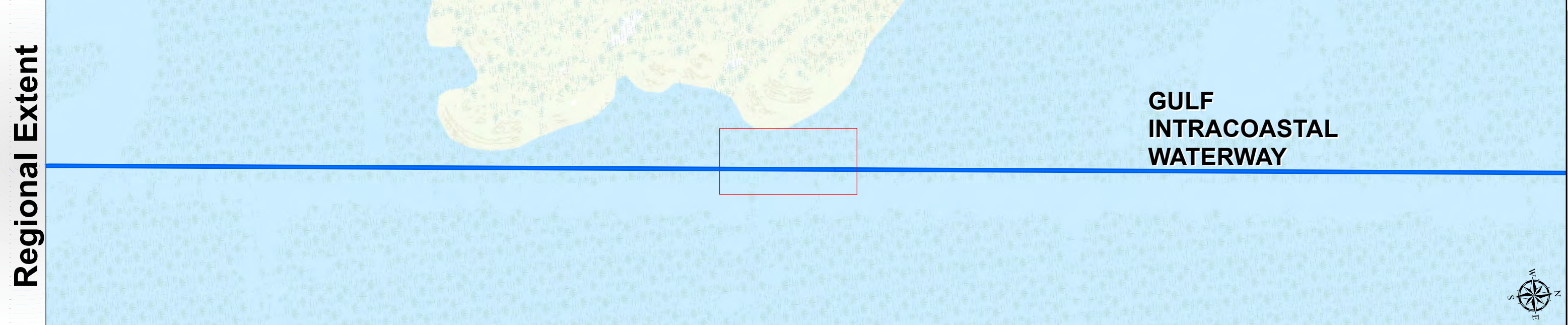


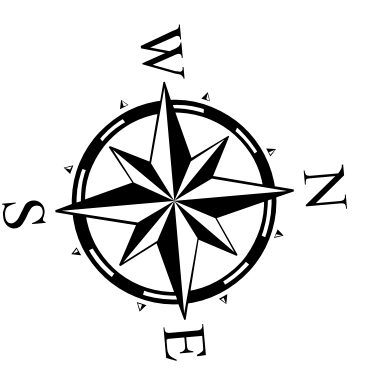
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 1 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
Mapped by: M3AOXPAC	
Additional Imagery info:	

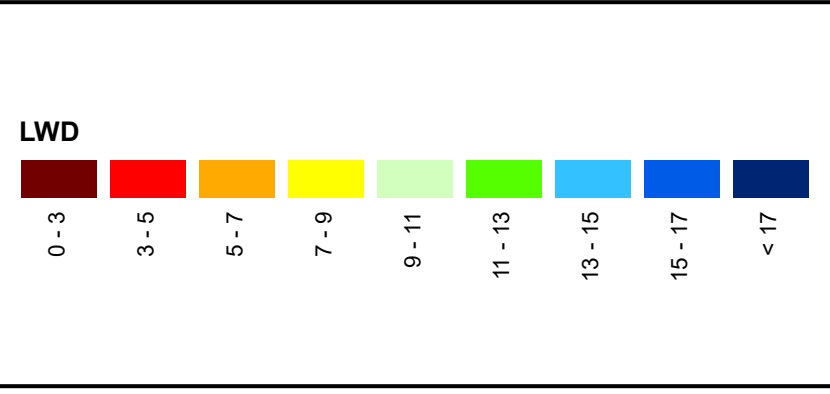


Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights



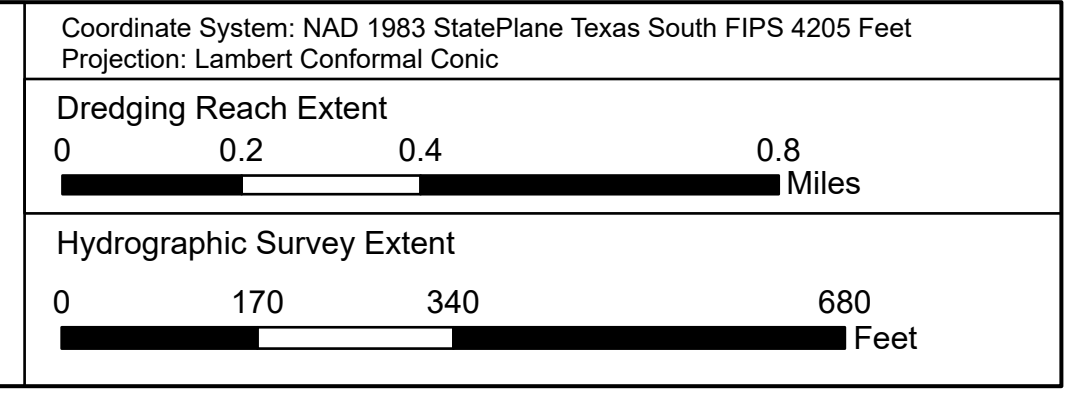
NOTES:

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
- 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, 4/1/02.
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- For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>

Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
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20250206_PR_1731P000_1754P000

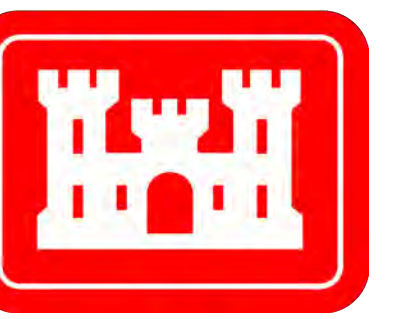


HYDROGRAPHIC SURVEY

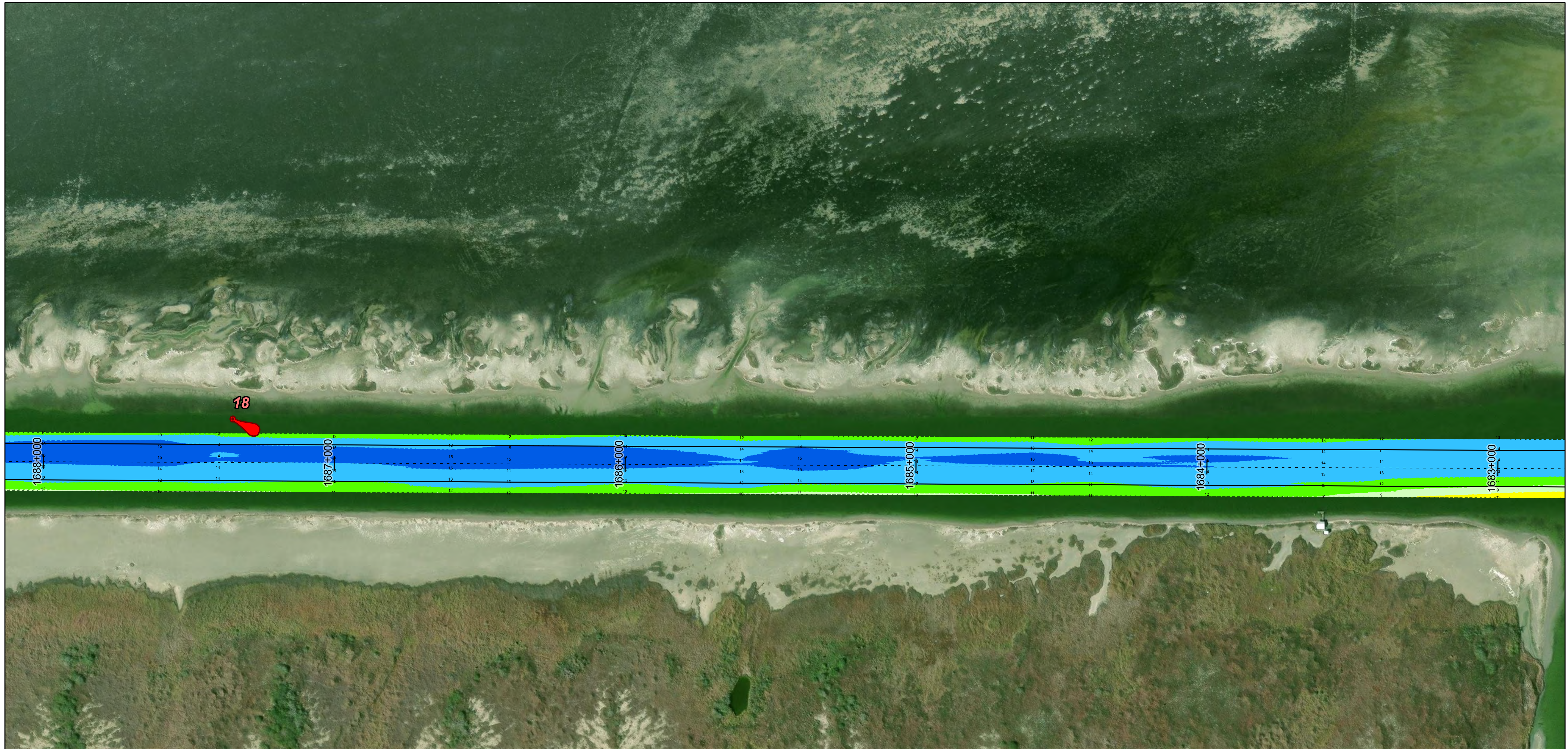
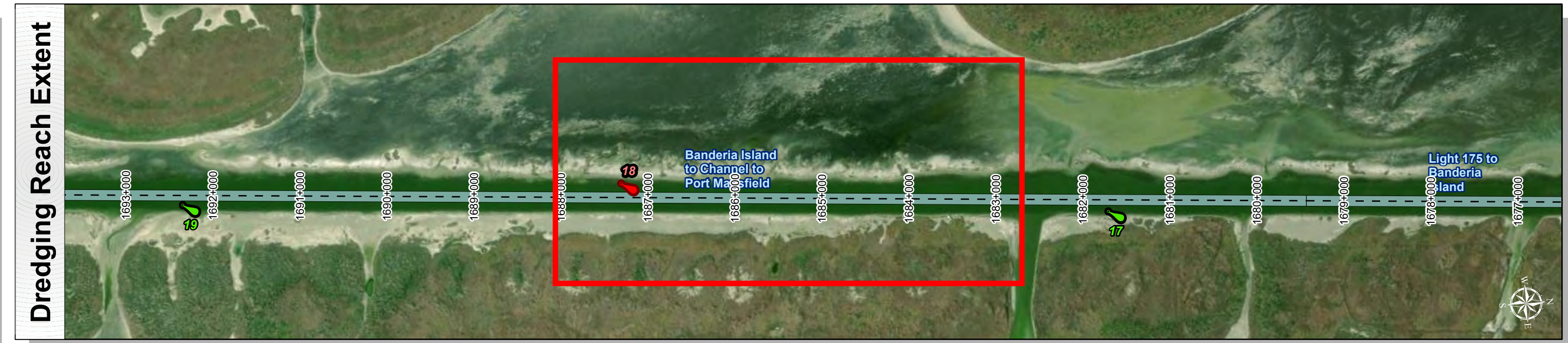
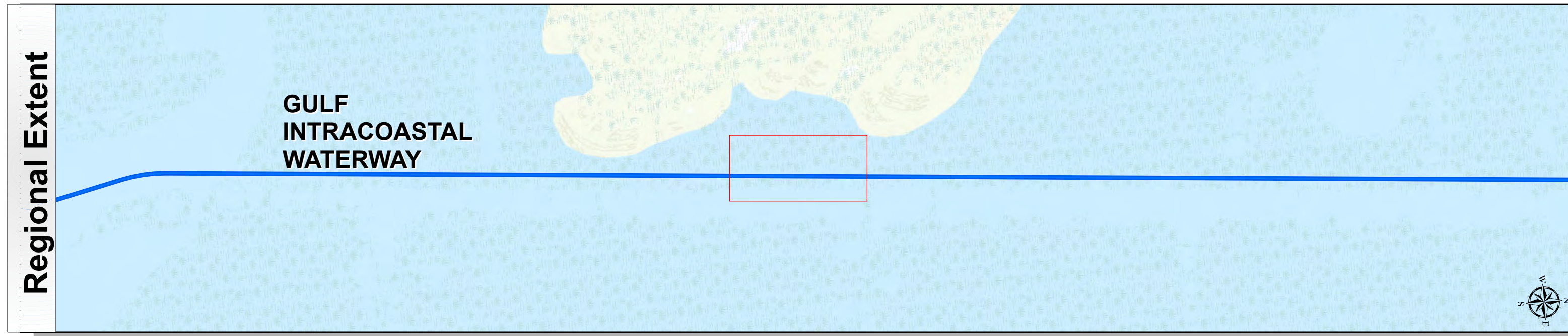
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
Banderia Island to Channel to Port Mansfield

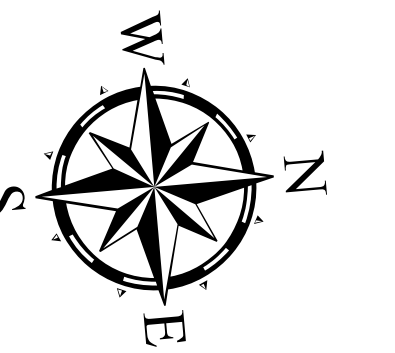
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 2 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	Website Index Number: 271
Mapped by: M3AOXPAC	PDF Print Date: 2/11/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

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

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
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- For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>

Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent

0 170 340 680 Feet

HYDROGRAPHIC SURVEY

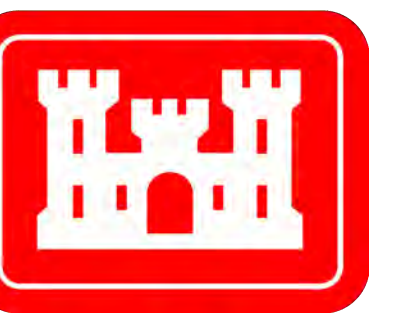
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92

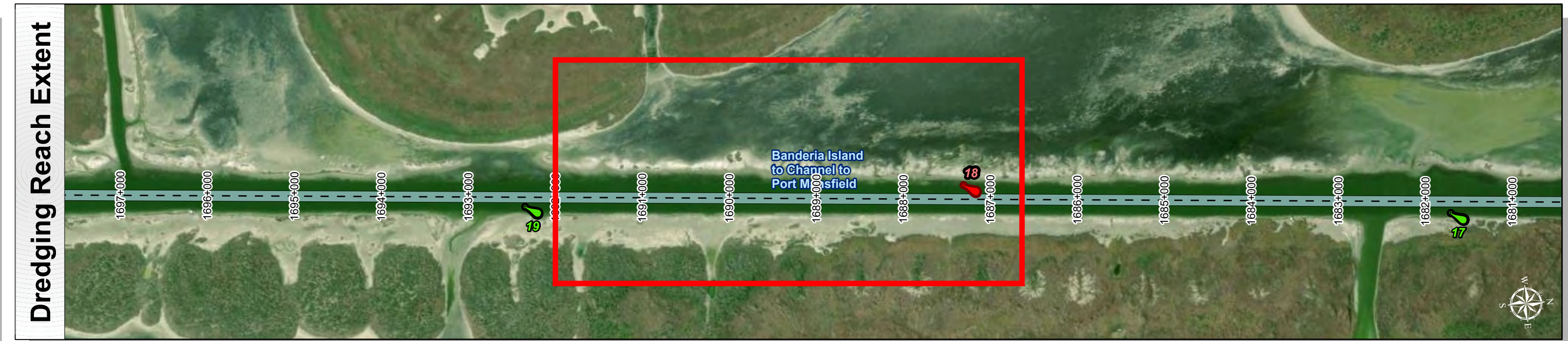
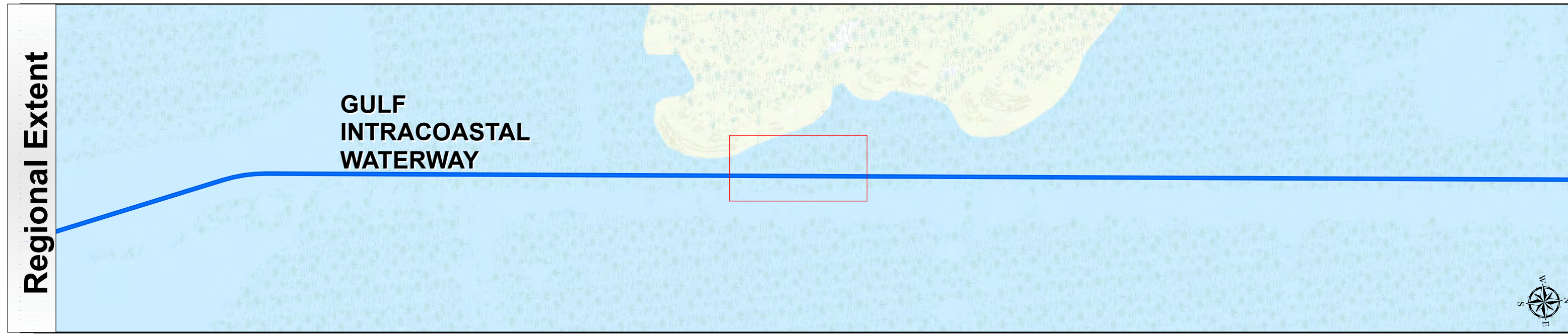
GULF INTRACOASTAL WATERWAY

Banderia Island to Channel to Port Mansfield

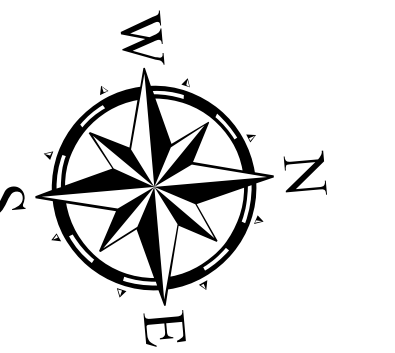
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 3 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
Mapped by: M3AOXPAC	
Additional Imagery info:	



Channel Features	Aids to Navigation	LWD
<ul style="list-style-type: none"> --- Channel Center Line — Channel Toe ↔ Channel Dimensions 	<ul style="list-style-type: none"> Green Side Aids Red Side Aids Lights 	<ul style="list-style-type: none"> 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 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 47 CFR 1.1113-4(i)(3).
 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 209.225.
 5. For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>
 Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
 World Imagery: Maxar, Microsoft
 World Imagery: Maxar
 World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
 Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
 20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
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Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
 Projection: Lambert Conformal Conic

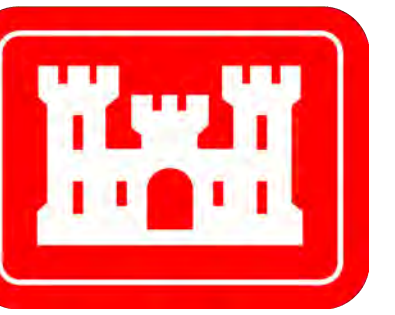
Dredging Reach Extent
 0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent
 0 170 340 680 Feet

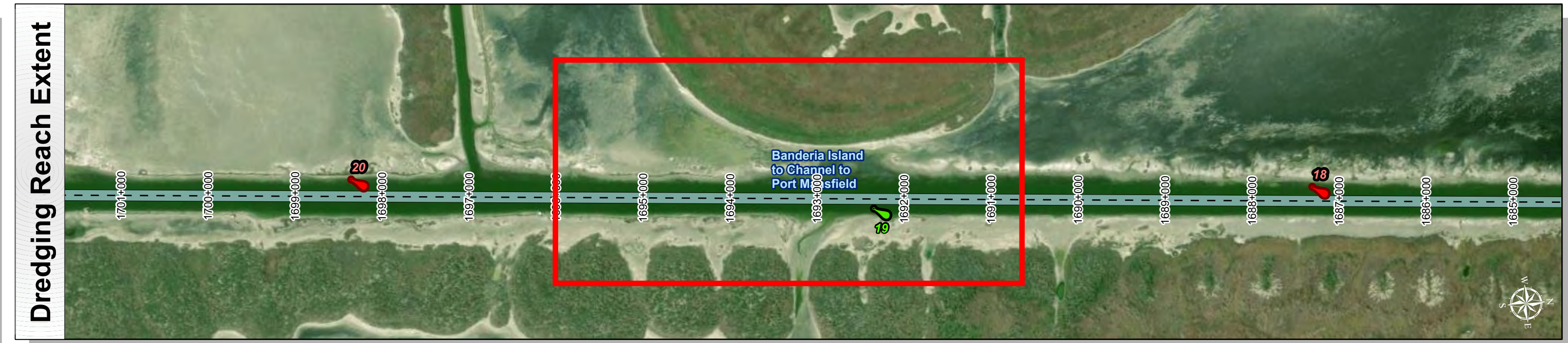
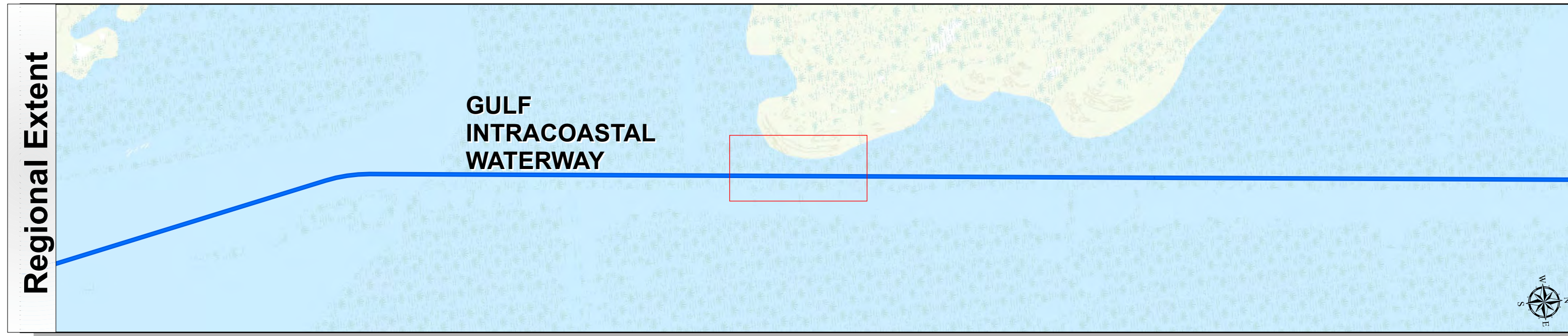
HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
 Banderia Island to Channel to Port Mansfield

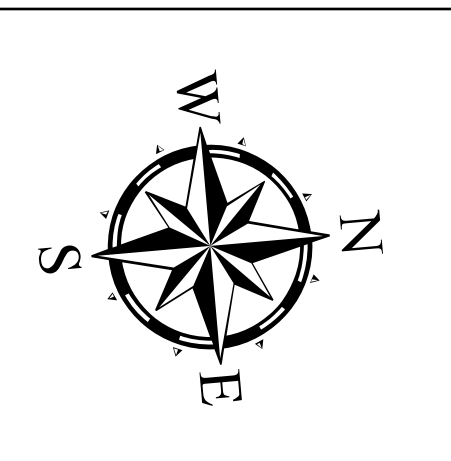
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 4 of 30	Side Slope Ratio: (Rise : Run)
Website Index Number: 273	PDF Print Date: 2/11/2025
Scale: 1:2,000	
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

LWD

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

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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
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Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

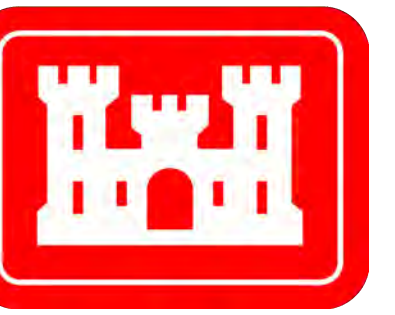
Hydrographic Survey Extent

HYDROGRAPHIC SURVEY

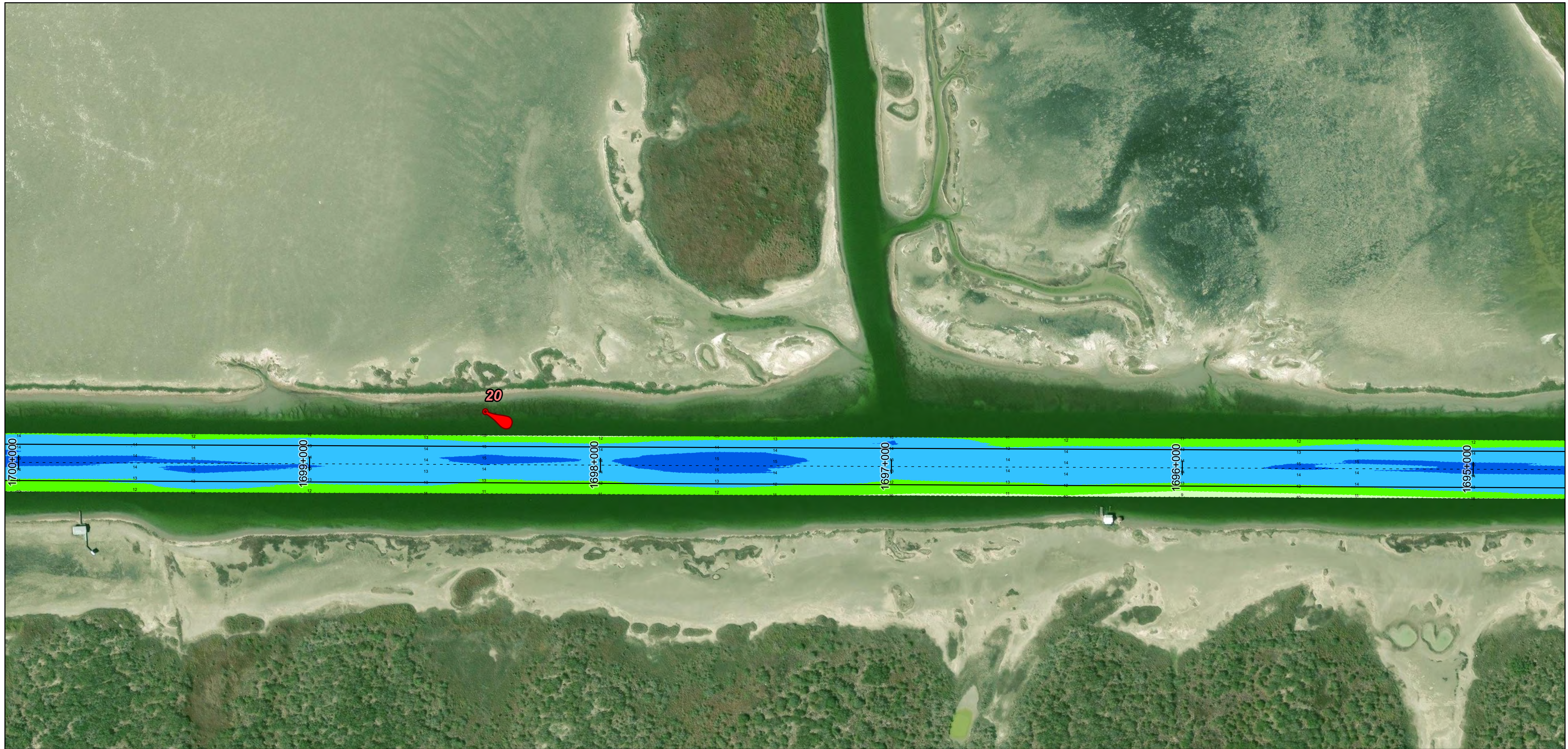
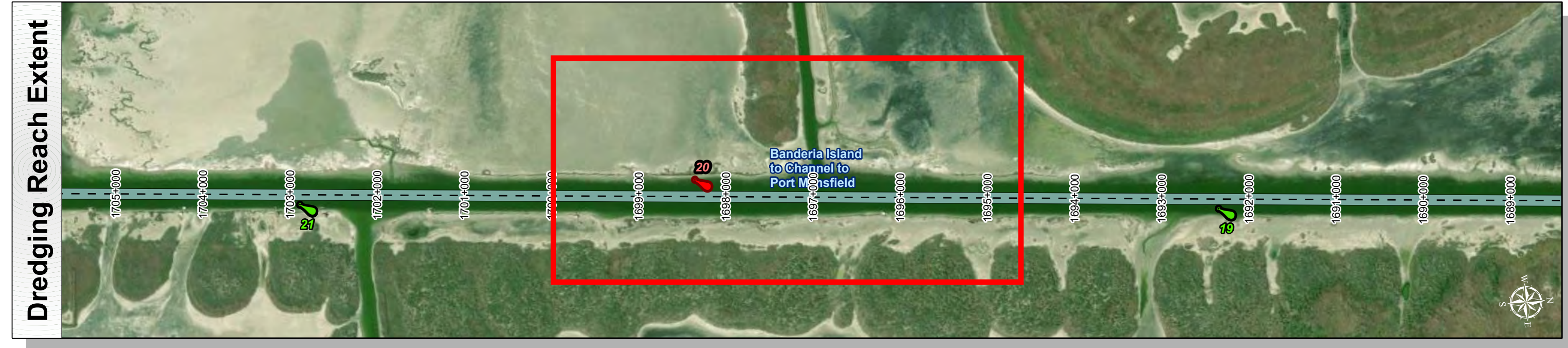
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
Banderia Island to Channel to Port Mansfield

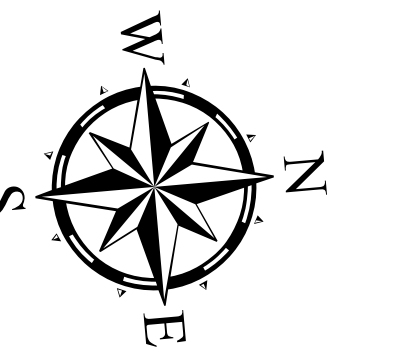
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 5 of 30	Side Slope Ratio: (Rise : Run)
Website Index Number: 274	PDF Print Date: 2/11/2025
Scale: 1:2,000	
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

LWD

0-3	3-5	5-7	7-9	9-11	11-13	13-15	15-17	<17
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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, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent

0 170 340 680 Feet

HYDROGRAPHIC SURVEY

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

Station: 1679+500 to 1802+194.92

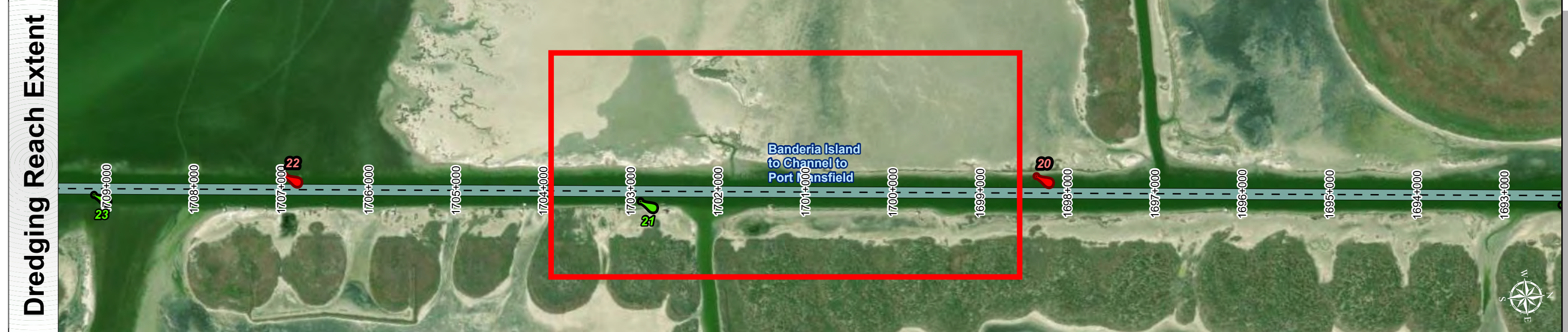
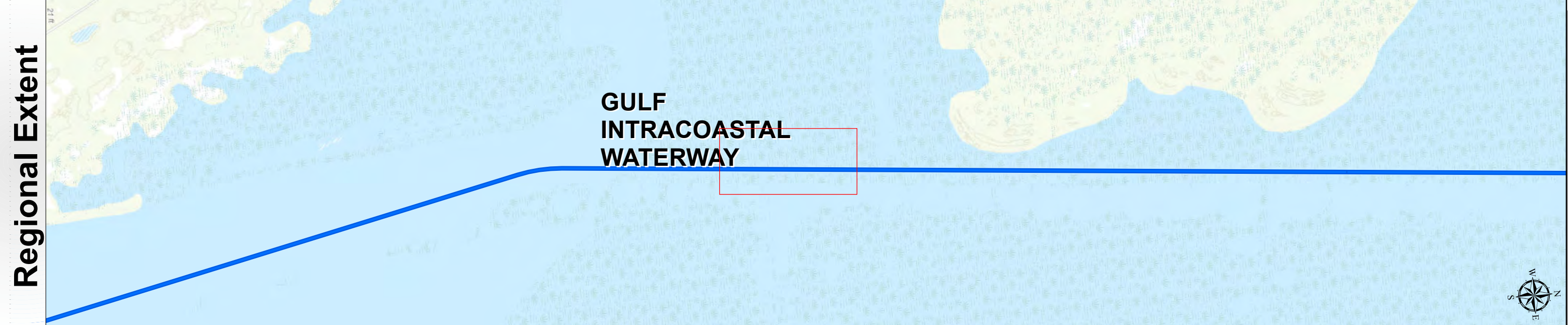
GULF INTRACOASTAL WATERWAY

Banderia Island to Channel to Port Mansfield

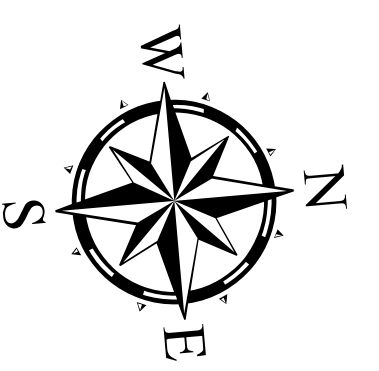
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 6 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
Mapped by: M3AOXPAC	
Additional Imagery info:	

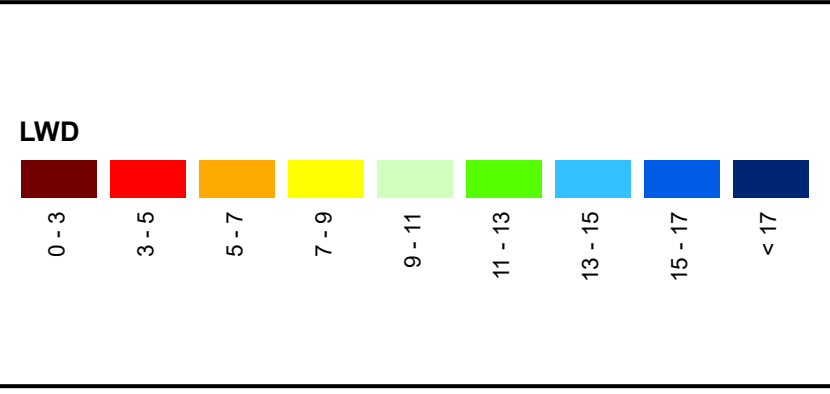


Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights



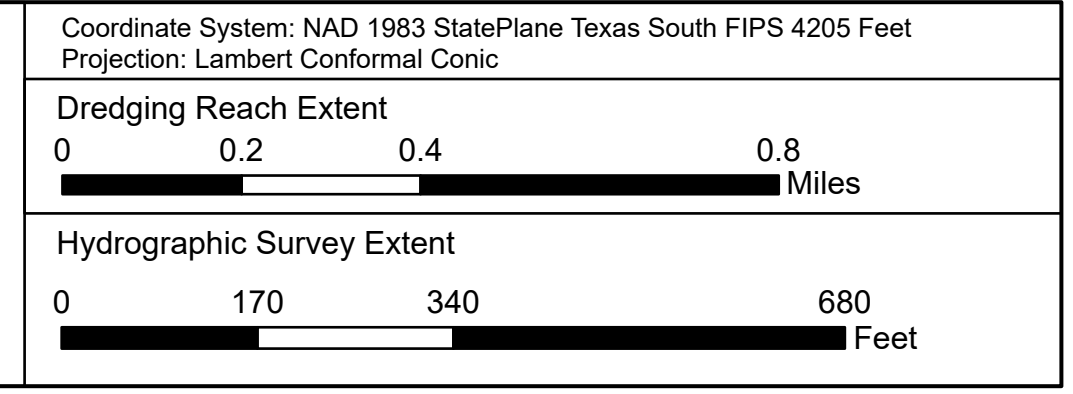
NOTES:

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

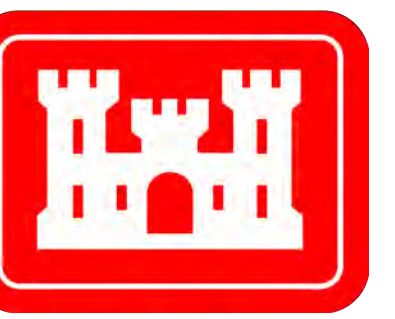
Combinded survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
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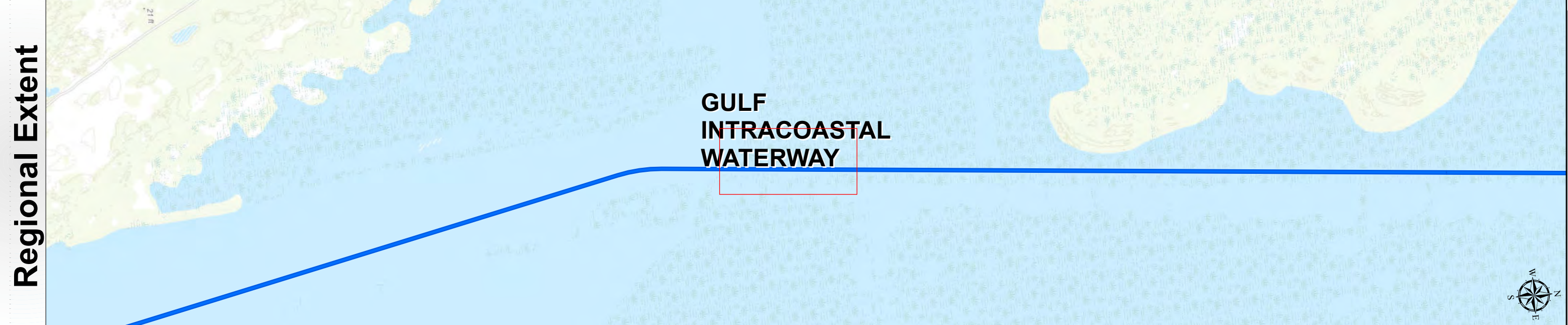
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
Banderia Island to Channel to Port Mansfield

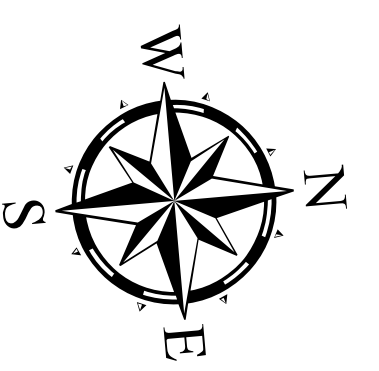
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 7 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	Website Index Number: 276
Mapped by: M3AOXPAC	PDF Print Date: 2/11/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

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

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
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Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

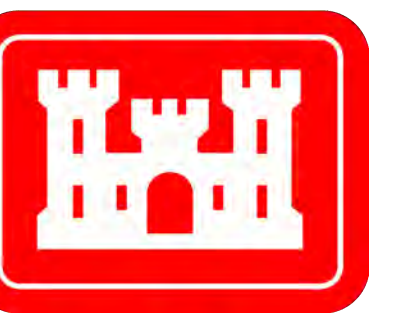
Dredging Reach Extent

Hydrographic Survey Extent

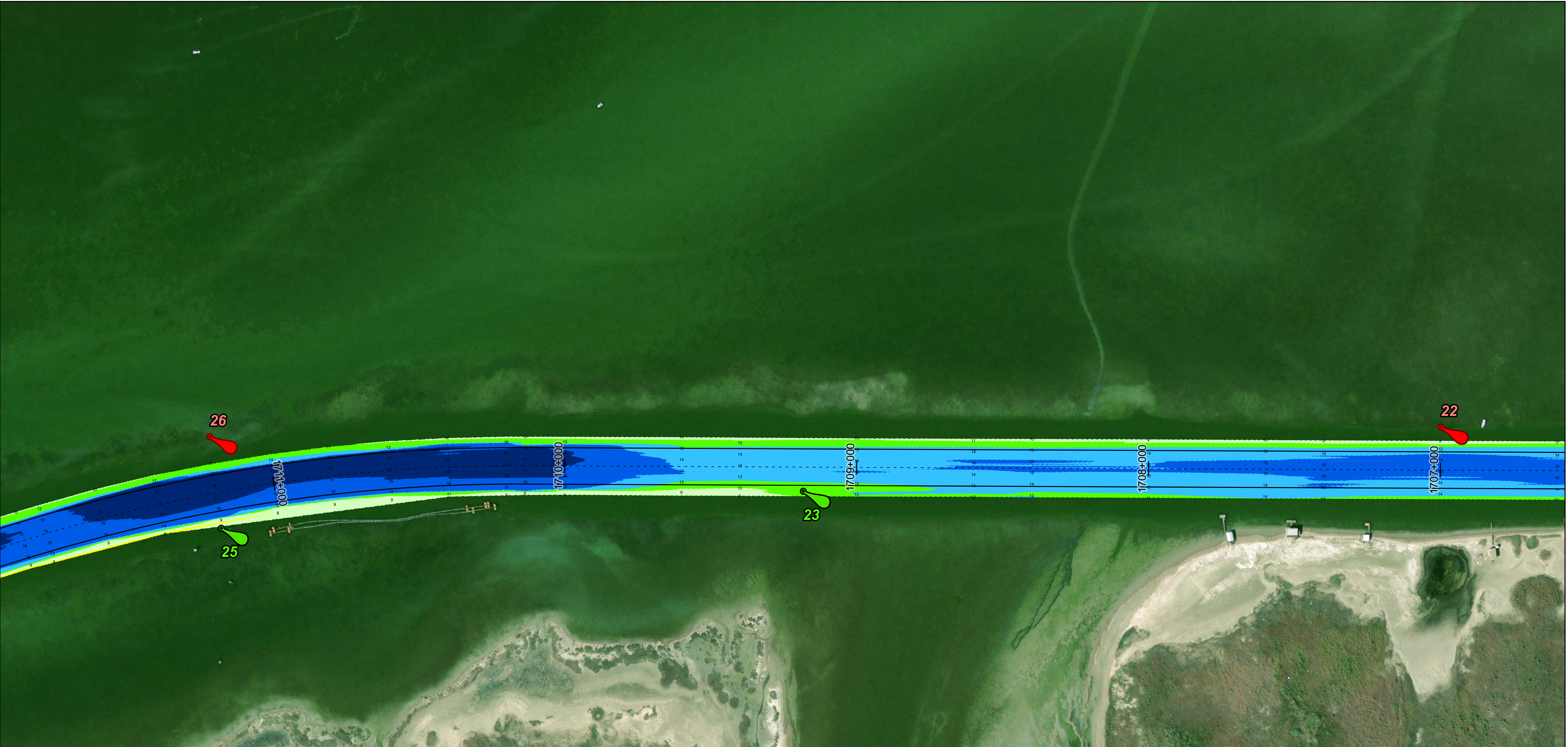
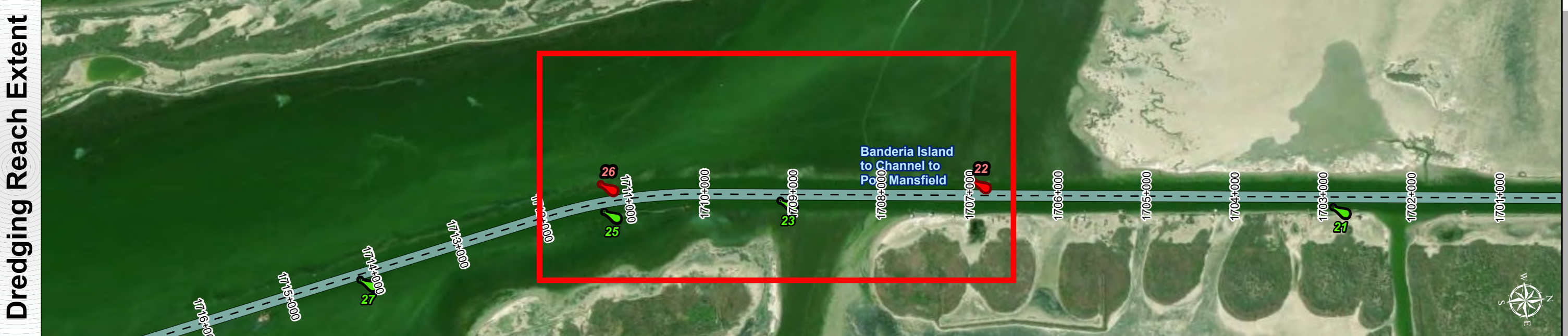
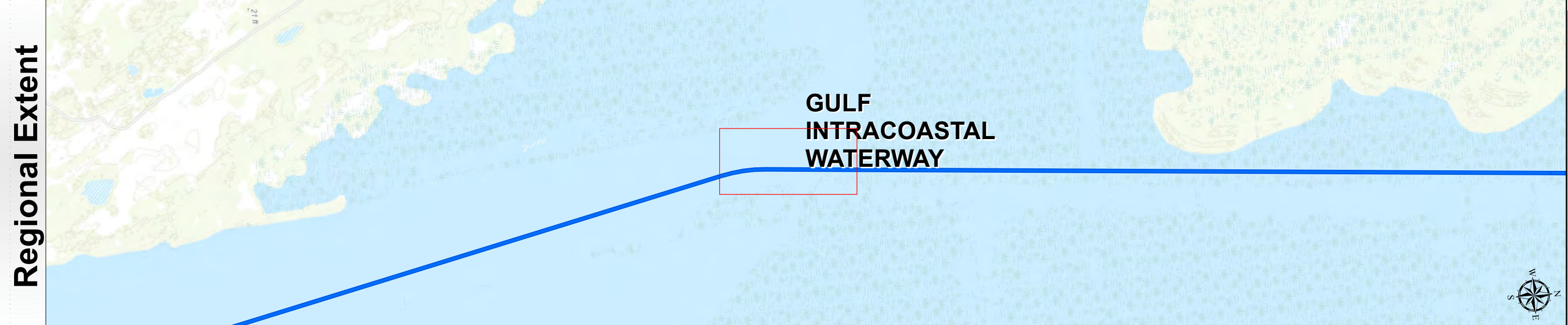
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
Banderia Island to Channel to Port Mansfield

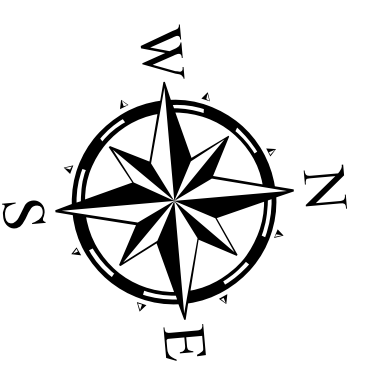
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 8 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	Website Index Number: 277
Mapped by: M3AOXPAC	PDF Print Date: 2/11/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

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

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- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
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- For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>

Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

Hydrographic Survey Extent

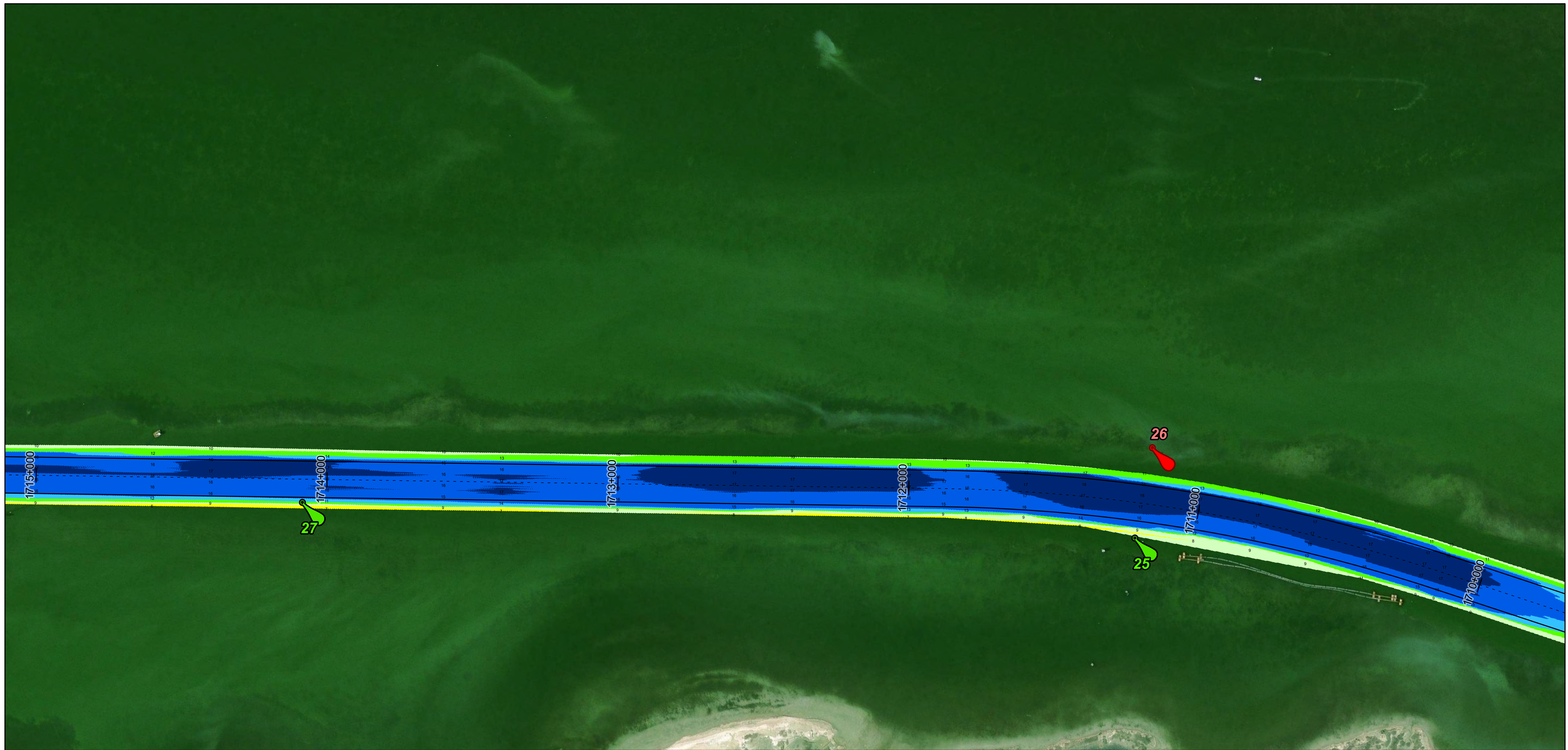
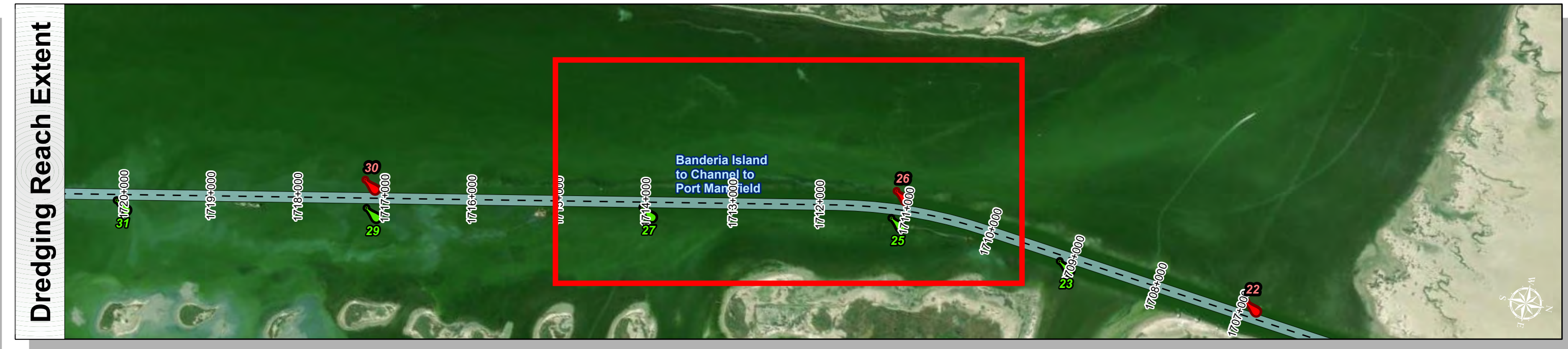
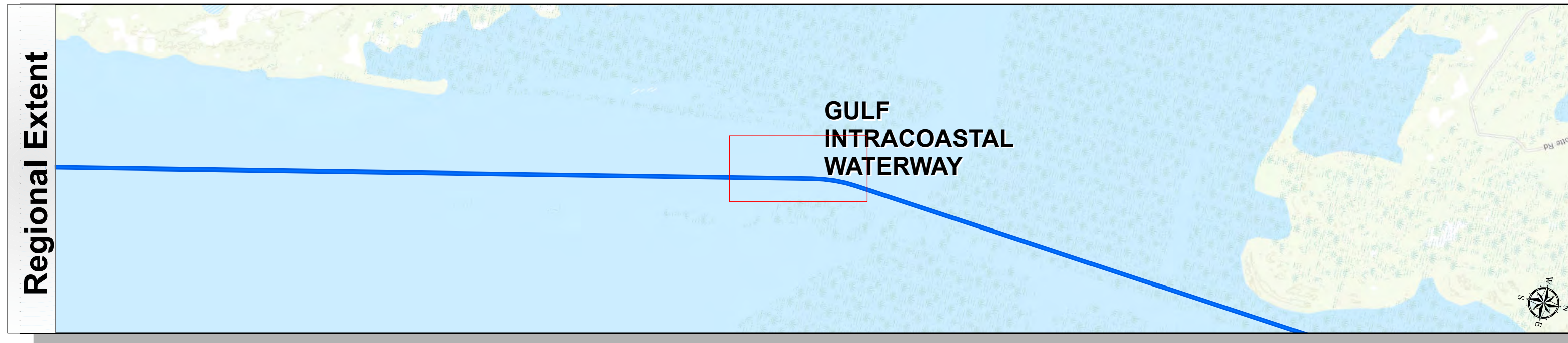
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
Banderia Island to Channel to Port Mansfield

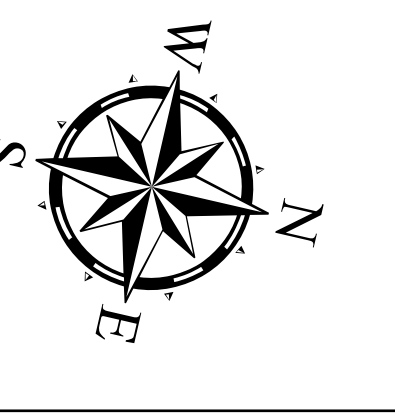
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 9 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
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

LWD

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

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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Masar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

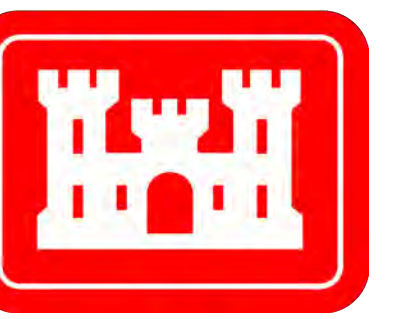
Hydrographic Survey Extent

HYDROGRAPHIC SURVEY

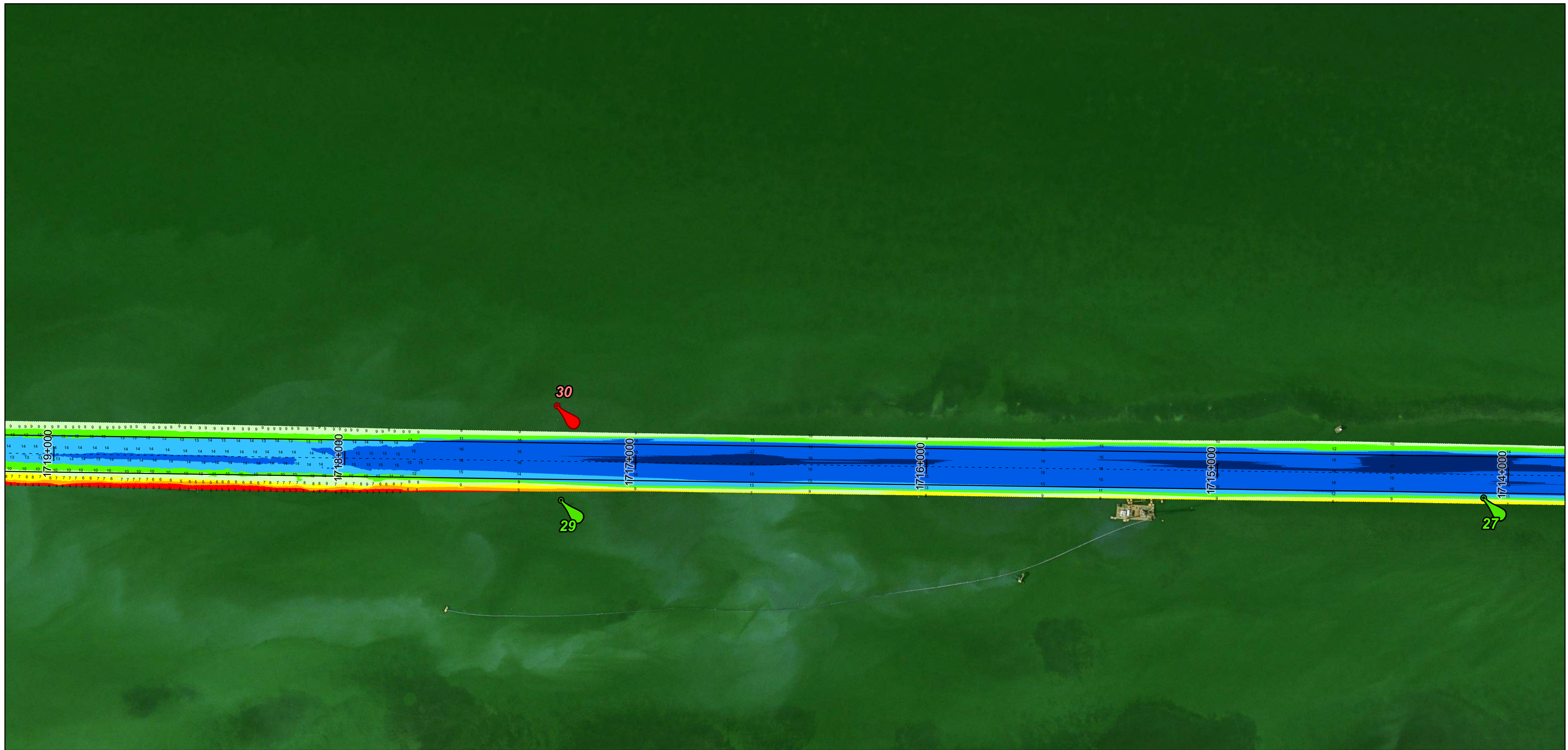
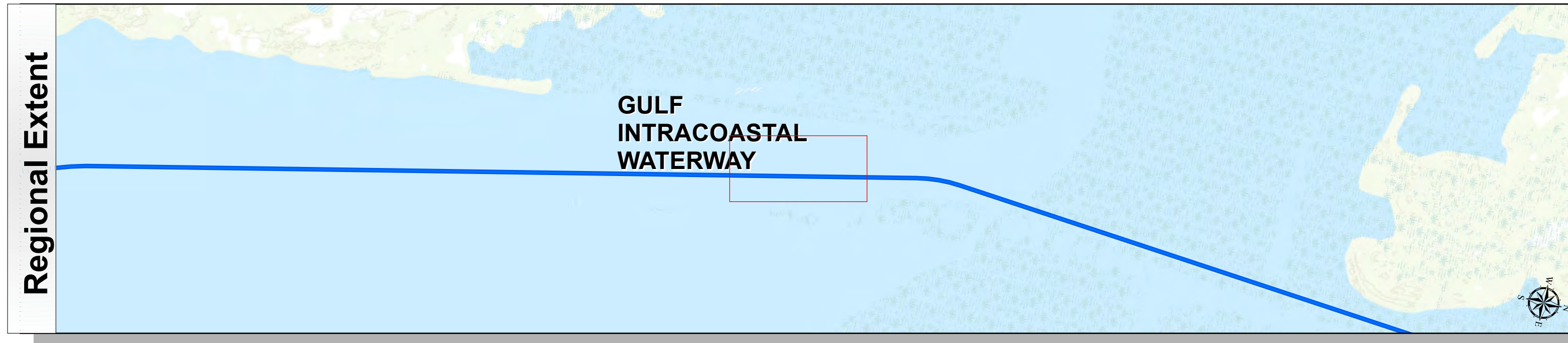
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
Banderia Island to Channel to Port Mansfield

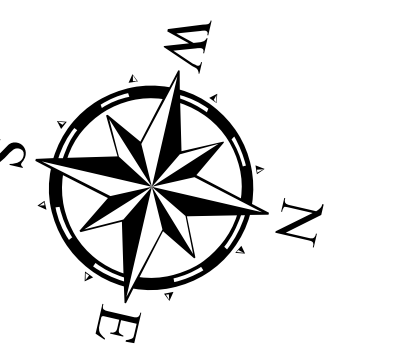
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 10 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
Mapped by: M3AOXPAC	
Additional Imagery info:	



Channel Features	Aids to Navigation
<ul style="list-style-type: none"> Channel Center Line Channel Toe Channel Dimensions 	<ul style="list-style-type: none"> Green Side Aids Red Side Aids Lights

LWD
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, Microsoft
 World Imagery: Maxar
 World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

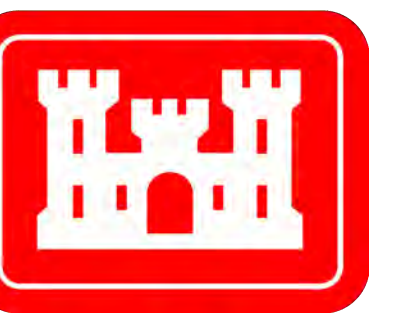
Additional Combined Survey Dates and Stationing: Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92; 20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000; 20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic
Dredging Reach Extent 0 0.2 0.4 0.8 Miles
Hydrographic Survey Extent 0 170 340 680 Feet

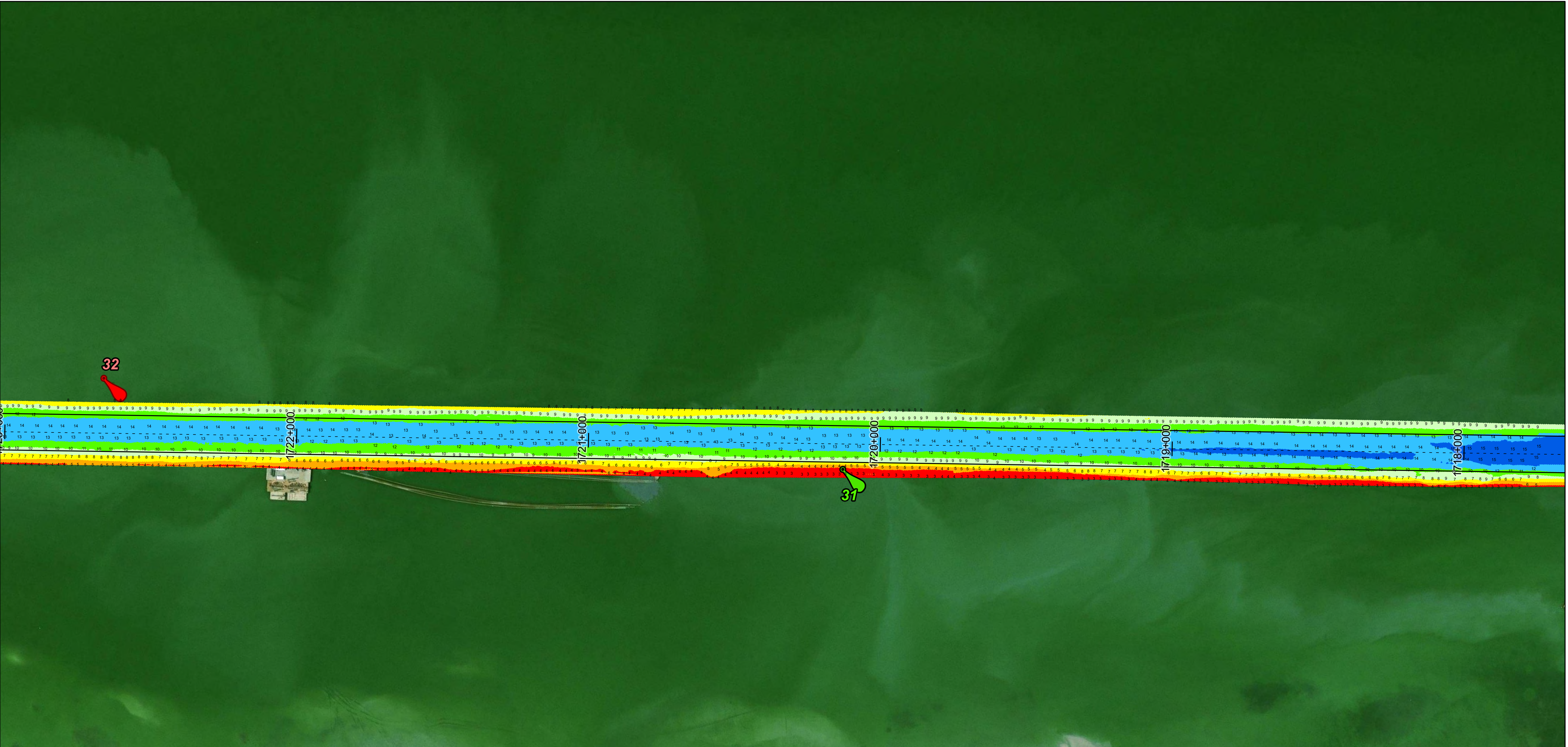
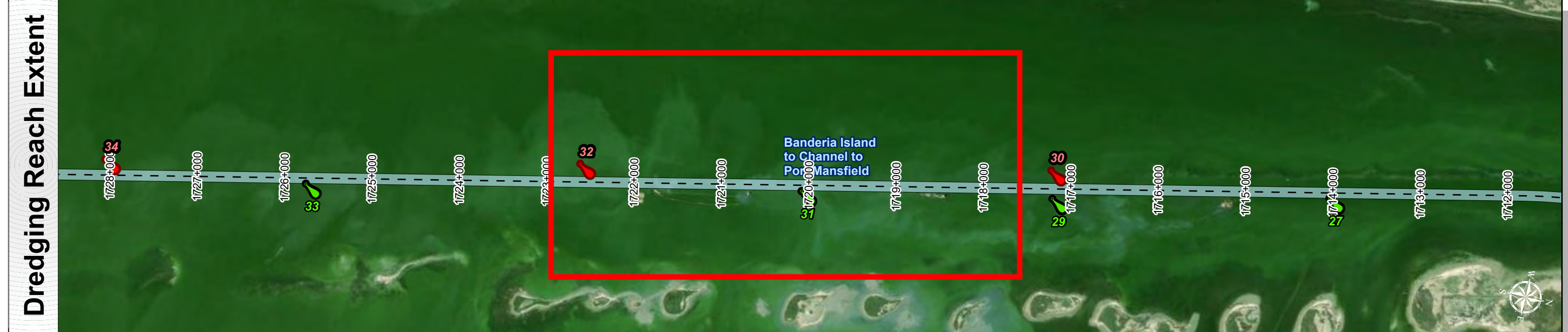
HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
 Banderia Island to Channel to Port Mansfield

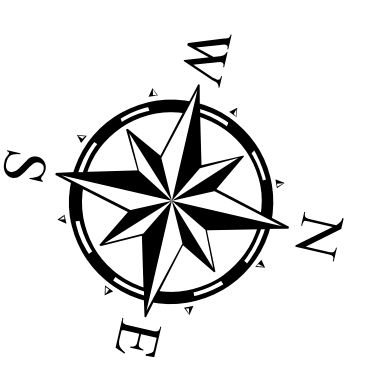
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 11 of 30	Side Slope Ratio: (Rise : Run)
Website Index Number: 280	PDF Print Date: 2/11/2025
Scale: 1:2,000	
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

LWD

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

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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

Hydrographic Survey Extent

HYDROGRAPHIC SURVEY

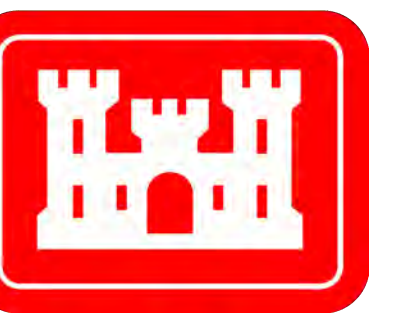
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92

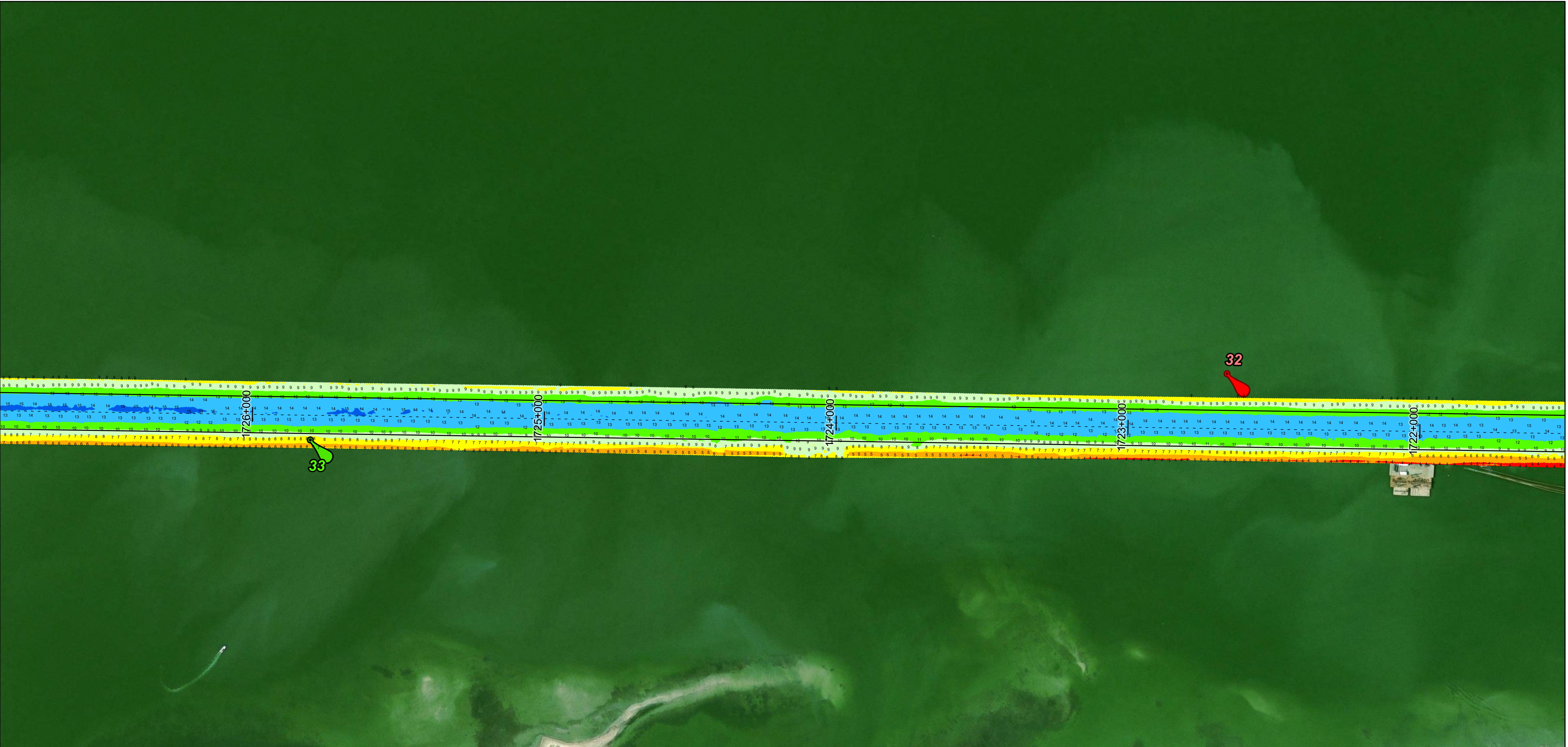
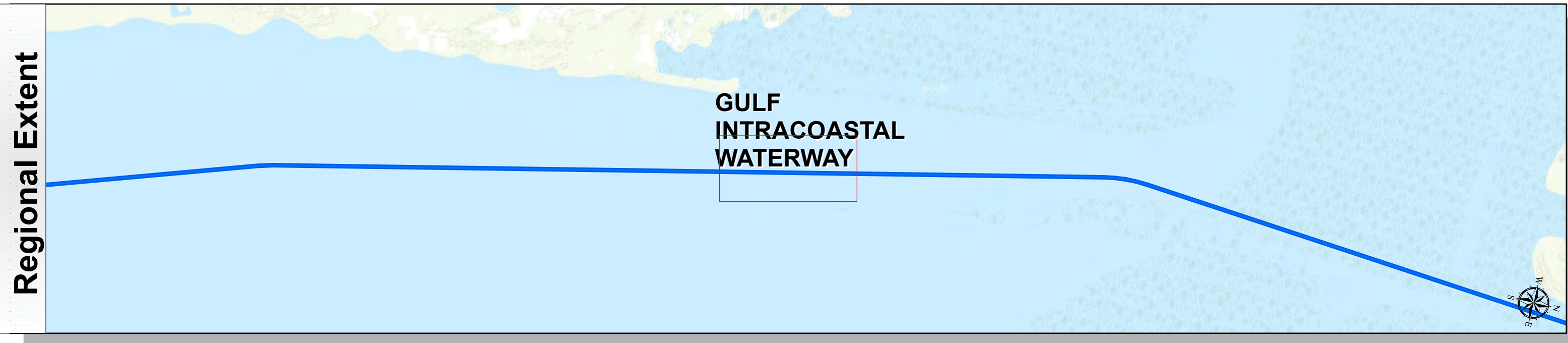
GULF INTRACOASTAL WATERWAY

Banderia Island to Channel to Port Mansfield

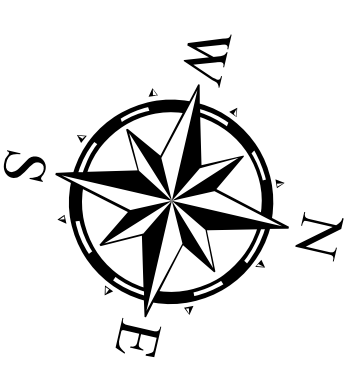
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 12 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
Mapped by: M3AOXPAC	
Additional Imagery info:	



Channel Features	Aids to Navigation
<ul style="list-style-type: none"> Channel Center Line Channel Toe Channel Dimensions 	<ul style="list-style-type: none"> Green Side Aids Red Side Aids Lights

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

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 World Imagery: Masar
 World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

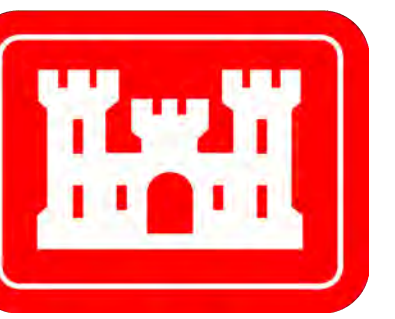
Additional Combined Survey Dates and Stationing:
Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92; 20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000; 20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic
Dredging Reach Extent
0 0.2 0.4 0.8 Miles
Hydrographic Survey Extent
0 170 340 680 Feet

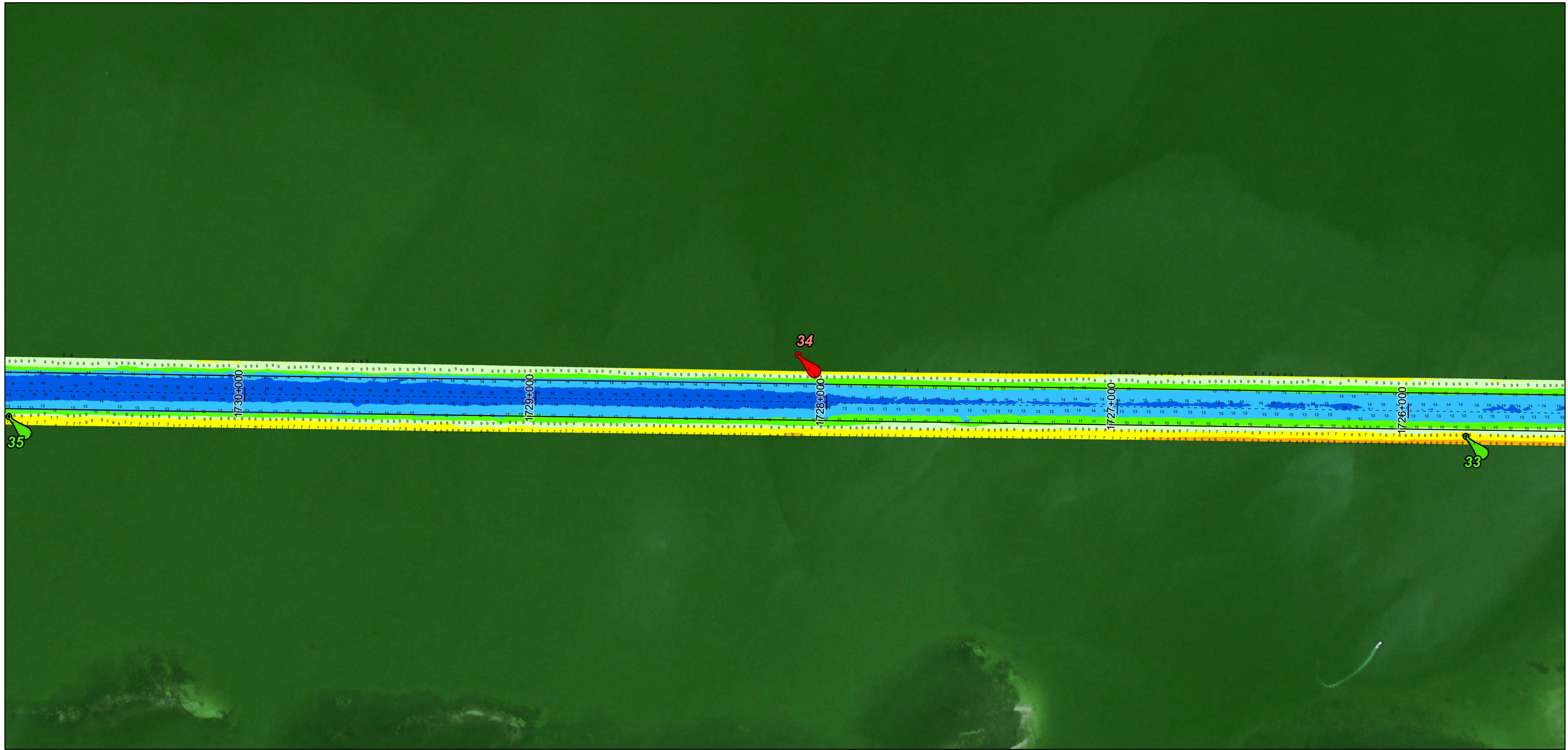
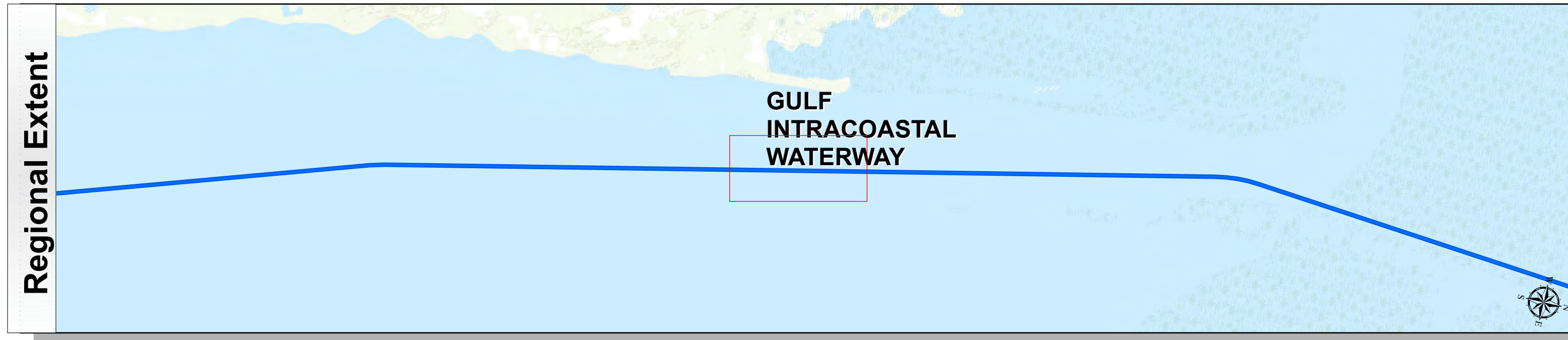
HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
 Banderia Island to Channel to Port Mansfield

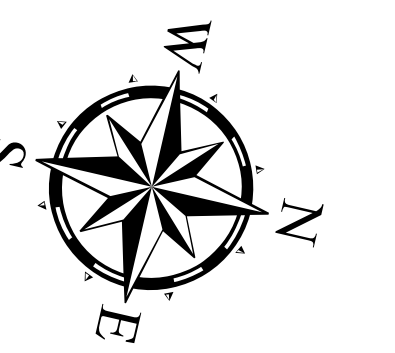
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 13 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
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

LWD

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

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20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent

0 170 340 680 Feet

HYDROGRAPHIC SURVEY

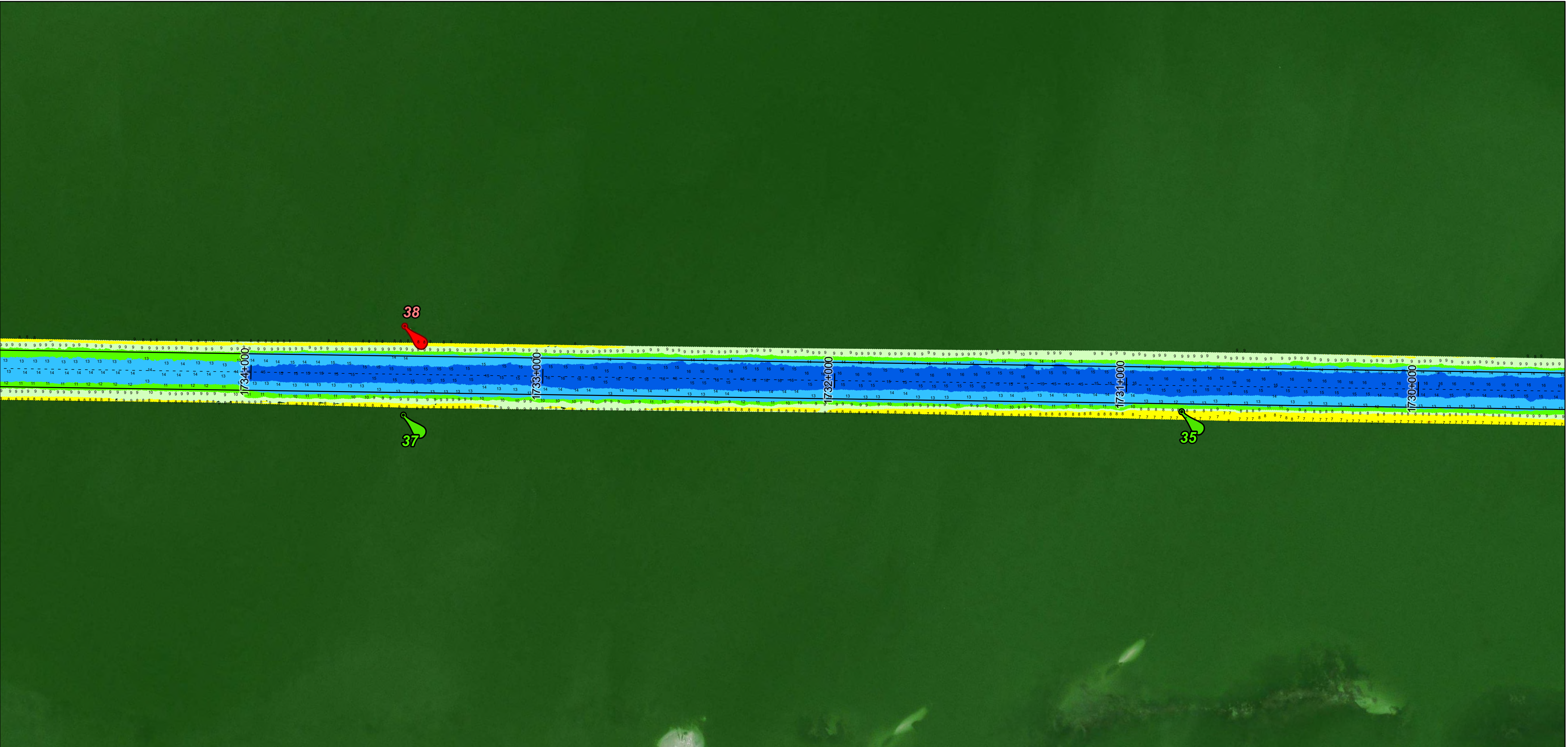
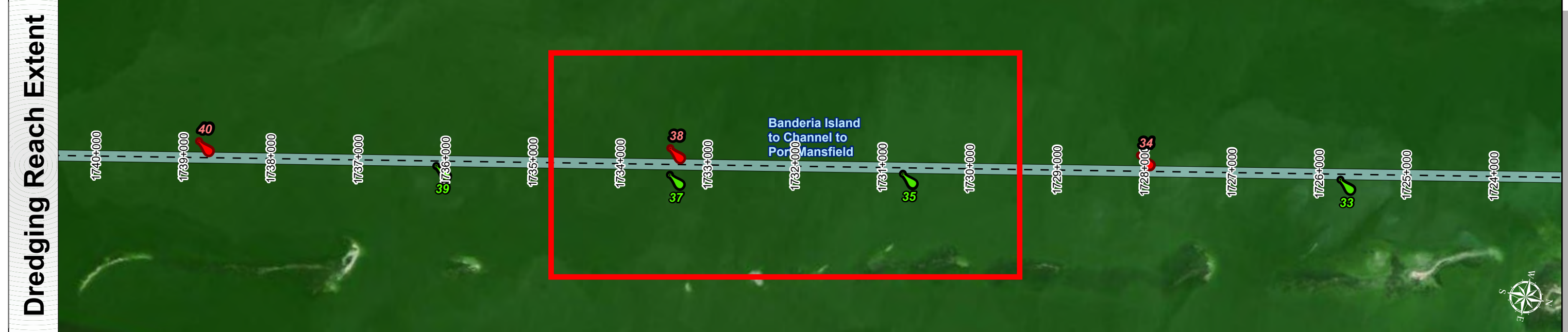
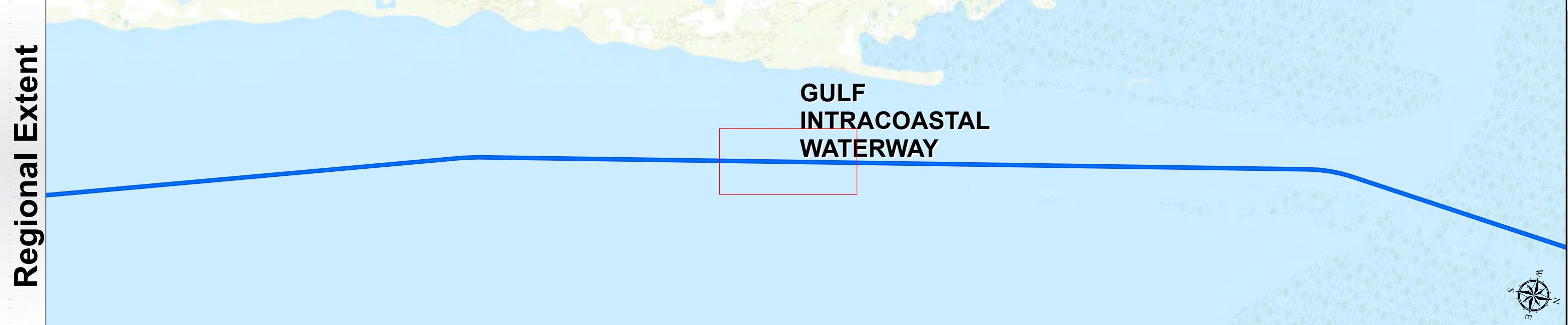
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
Banderia Island to Channel to Port Mansfield

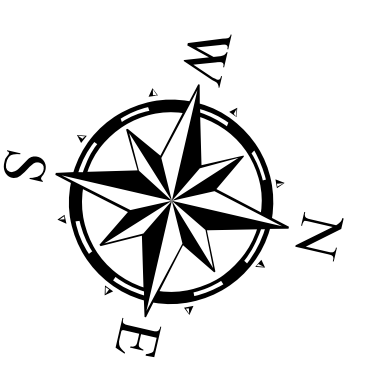
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 14 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
Mapped by: M3AOXPAC	
Additional Imagery info:	



Channel Features	Aids to Navigation	LWD
<ul style="list-style-type: none"> Channel Center Line Channel Toe Channel Dimensions 	<ul style="list-style-type: none"> Green Side Aids Red Side Aids Lights 	<ul style="list-style-type: none"> 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, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

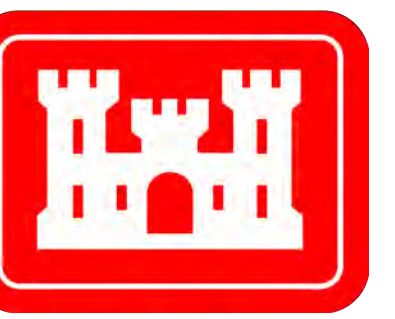
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20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic	
Dredging Reach Extent	
0	0.2 0.4 0.8 Miles
Hydrographic Survey Extent	
0	170 340 680 Feet

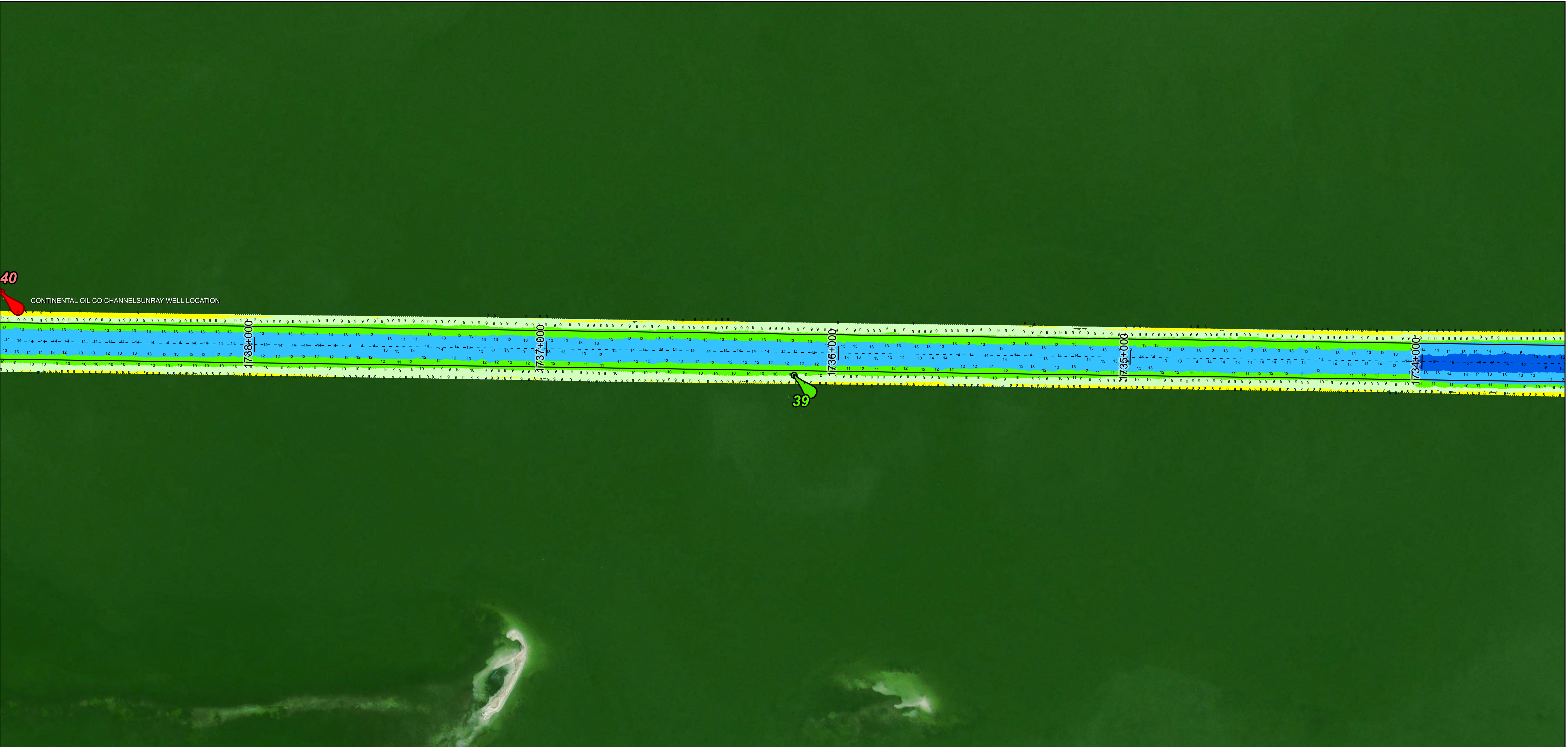
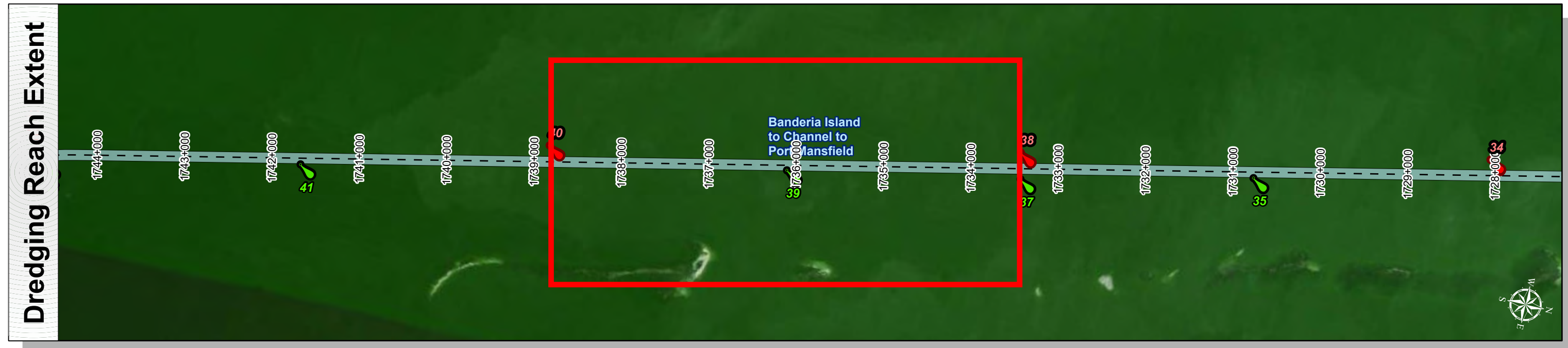
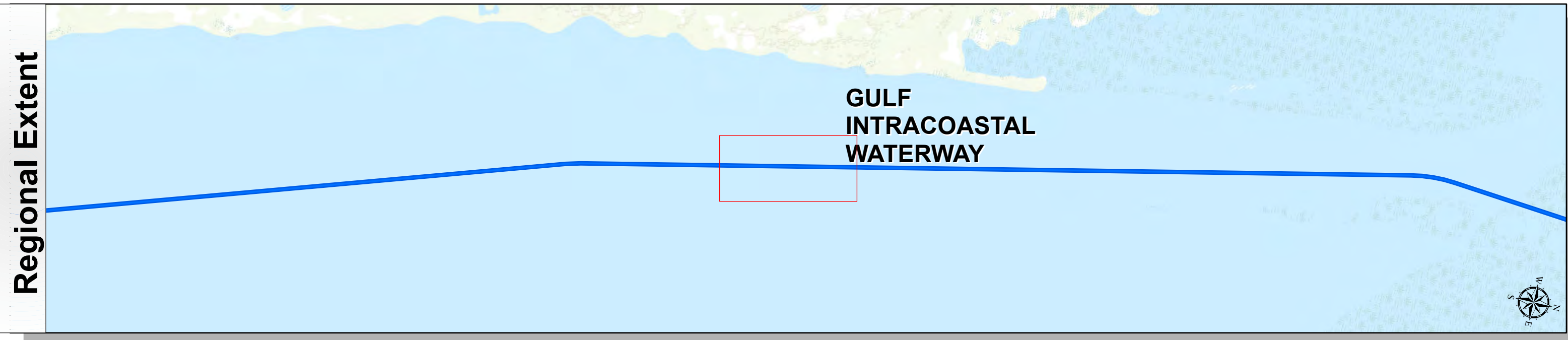
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
Banderia Island to Channel to Port Mansfield

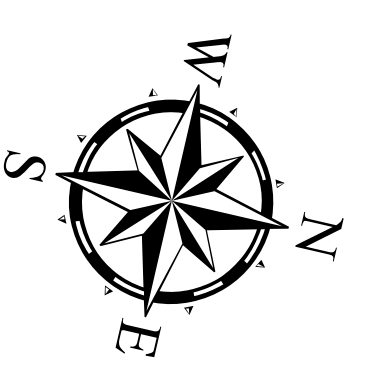
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 15 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
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

LWD

0-3	3-5	5-7	7-9	9-11	11-13	13-15	15-17	<17
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World Imagery: Maxar, Microsoft
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Additional Combined Survey Dates and Stationing:

Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent

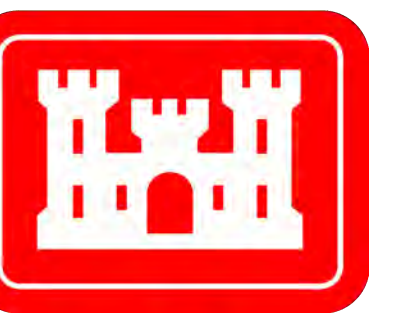
0 170 340 680 Feet

HYDROGRAPHIC SURVEY

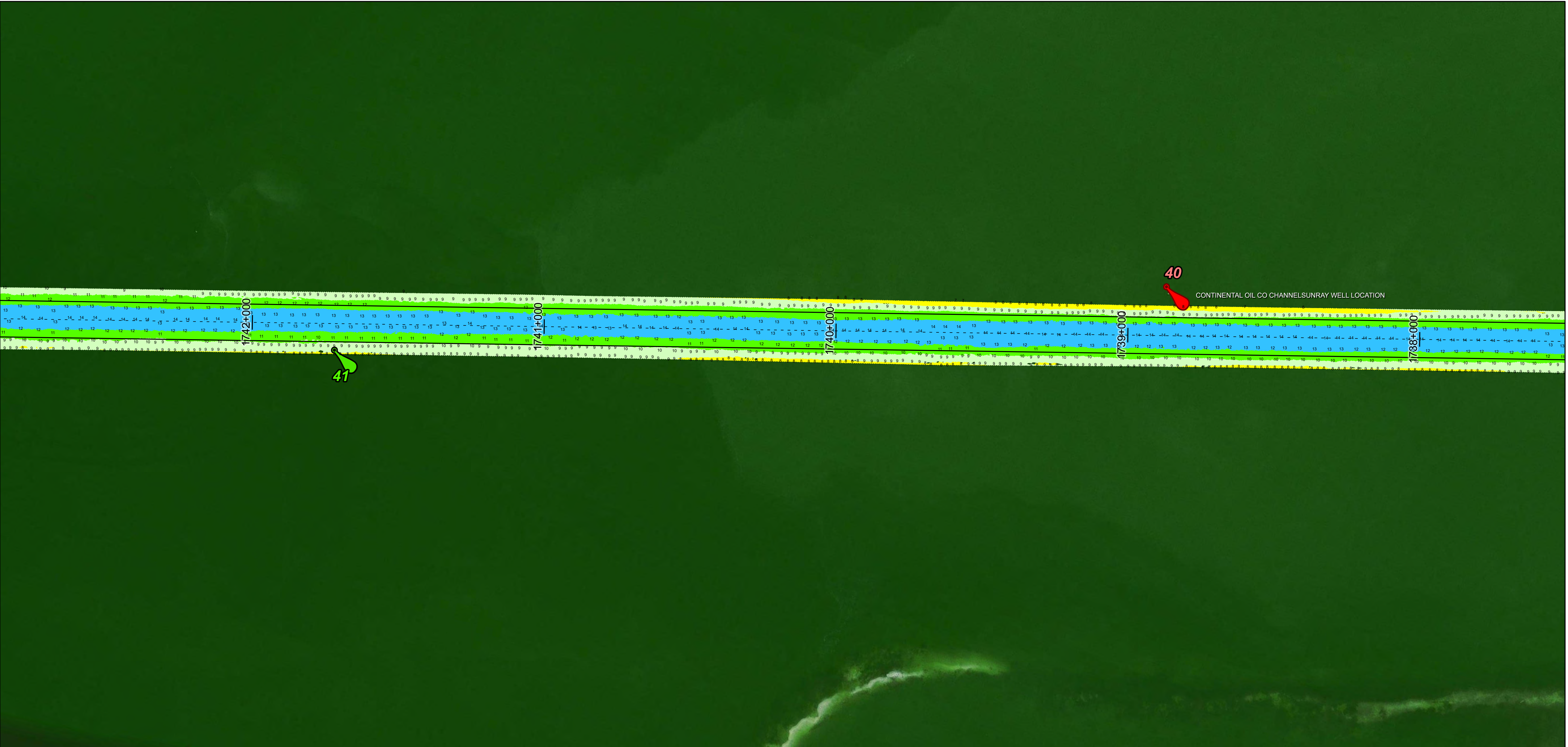
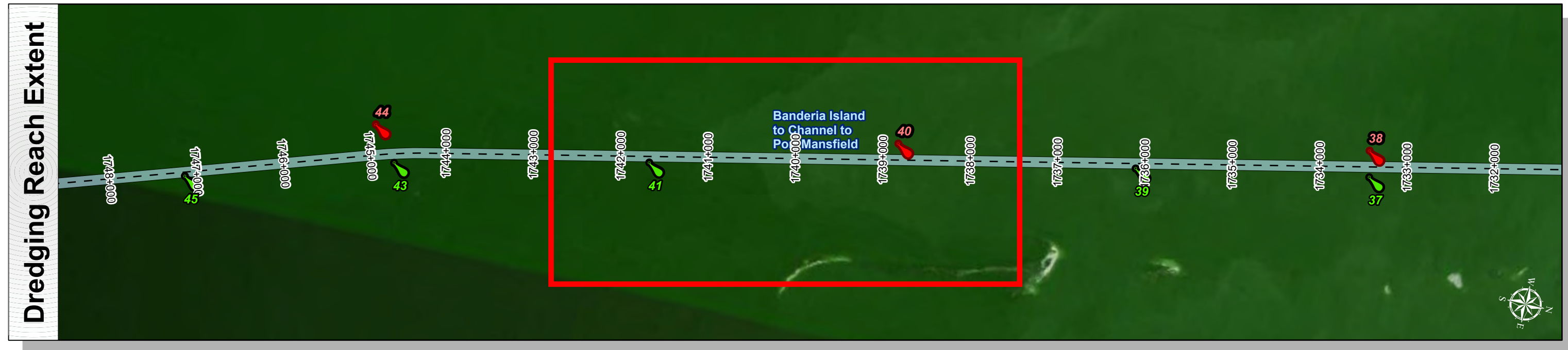
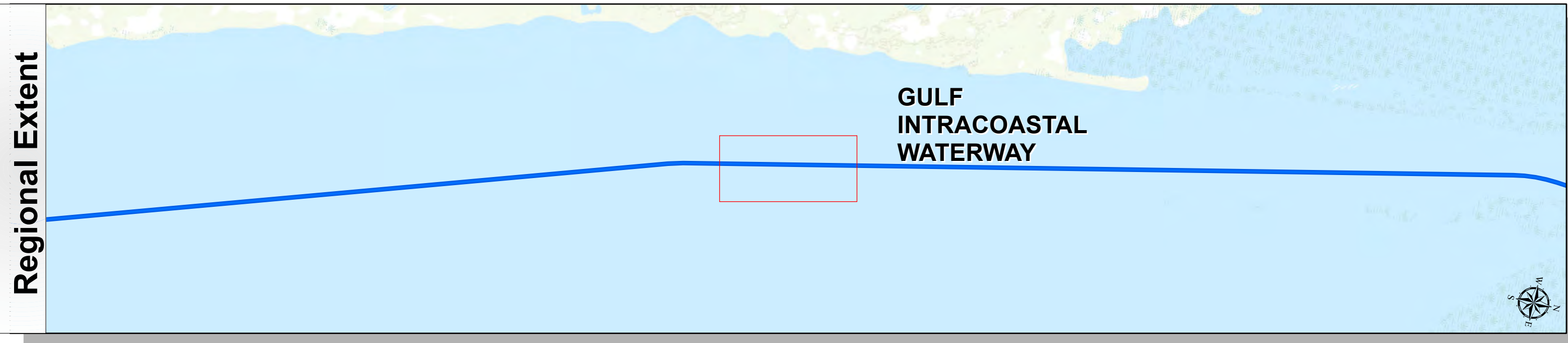
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
Banderia Island to Channel to Port Mansfield

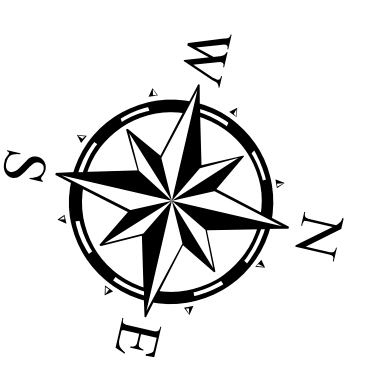
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 16 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	Website Index Number: 285
Mapped by: M3AOXPAC	PDF Print Date: 2/11/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

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

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
- 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 47CFR 117.110-1, 117.112.
- 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 209.225
- For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>

Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent

0 170 340 680 Feet

HYDROGRAPHIC SURVEY

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

Station: 1679+500 to 1802+194.92

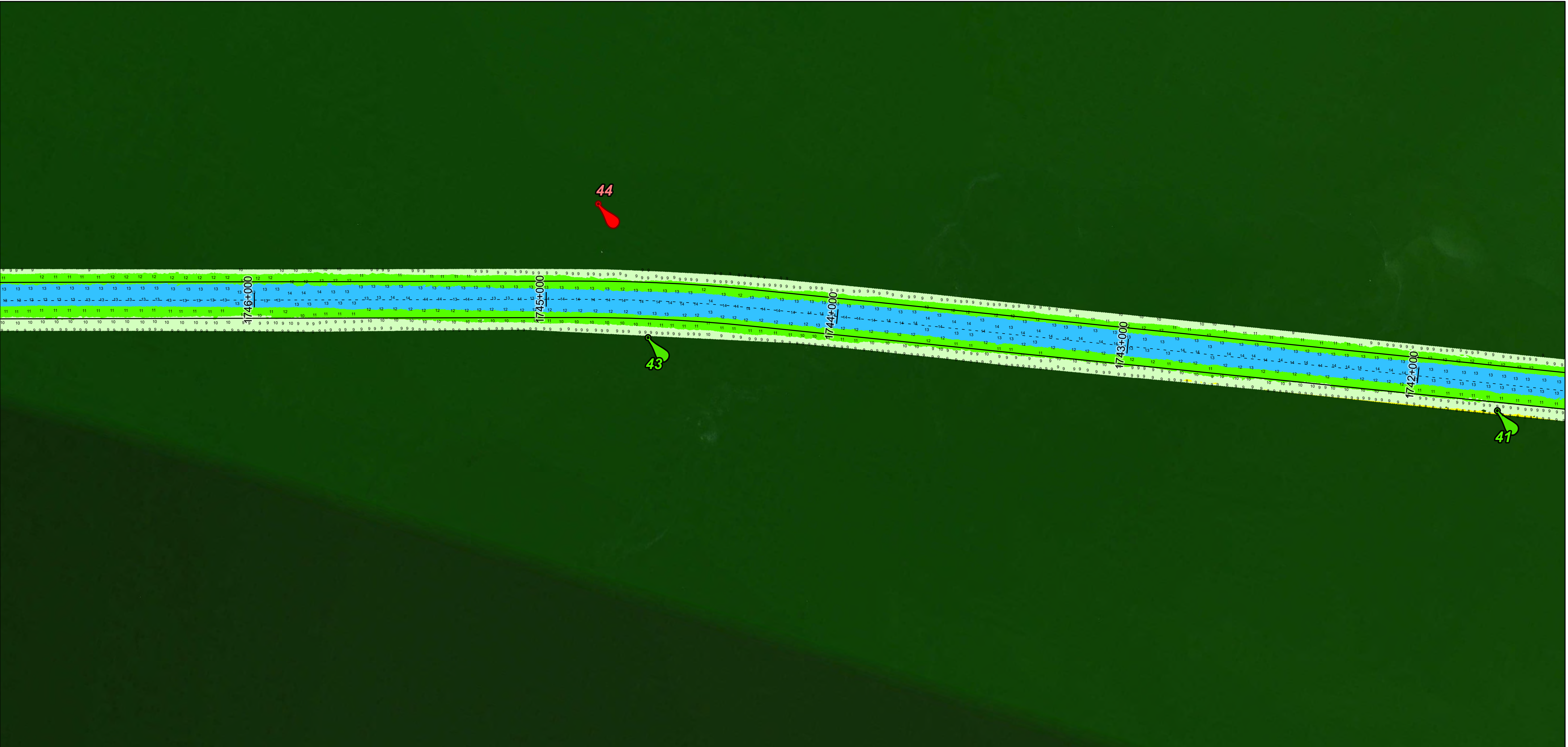
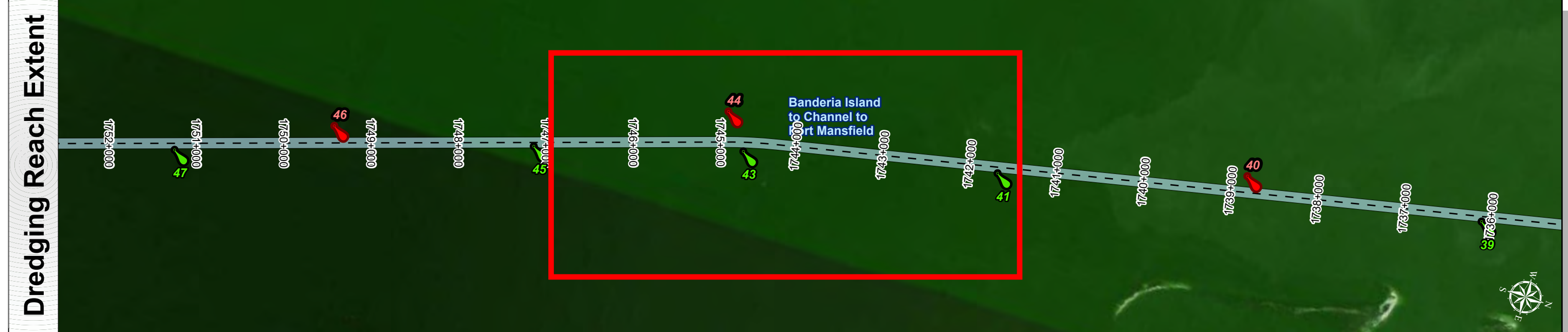
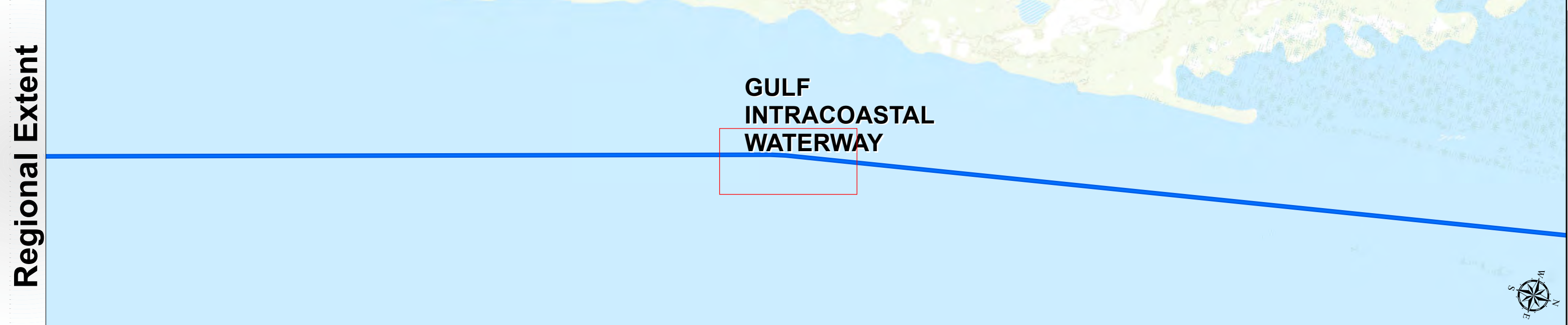
GULF INTRACOASTAL WATERWAY

Banderia Island to Channel to Port Mansfield

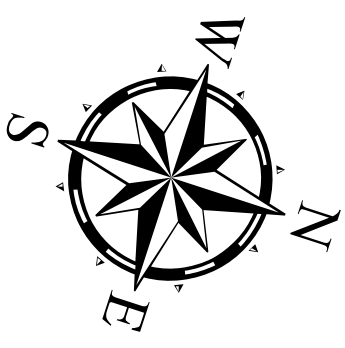
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 17 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
Mapped by: M3AOXPAC	
Website Index Number: 286	
Additional Imagery info:	



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

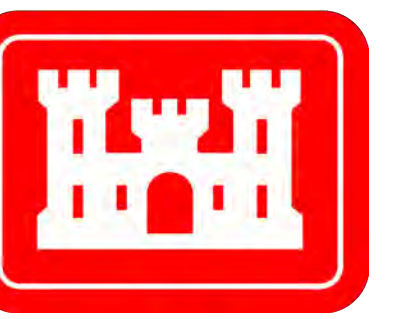
NOTES:
 1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
 2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.
 3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by er1110-1, 8/1/02.
 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.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>
 Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
 World Imagery: Maxar, Microsoft
 World Imagery: Maxar
 World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
 Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
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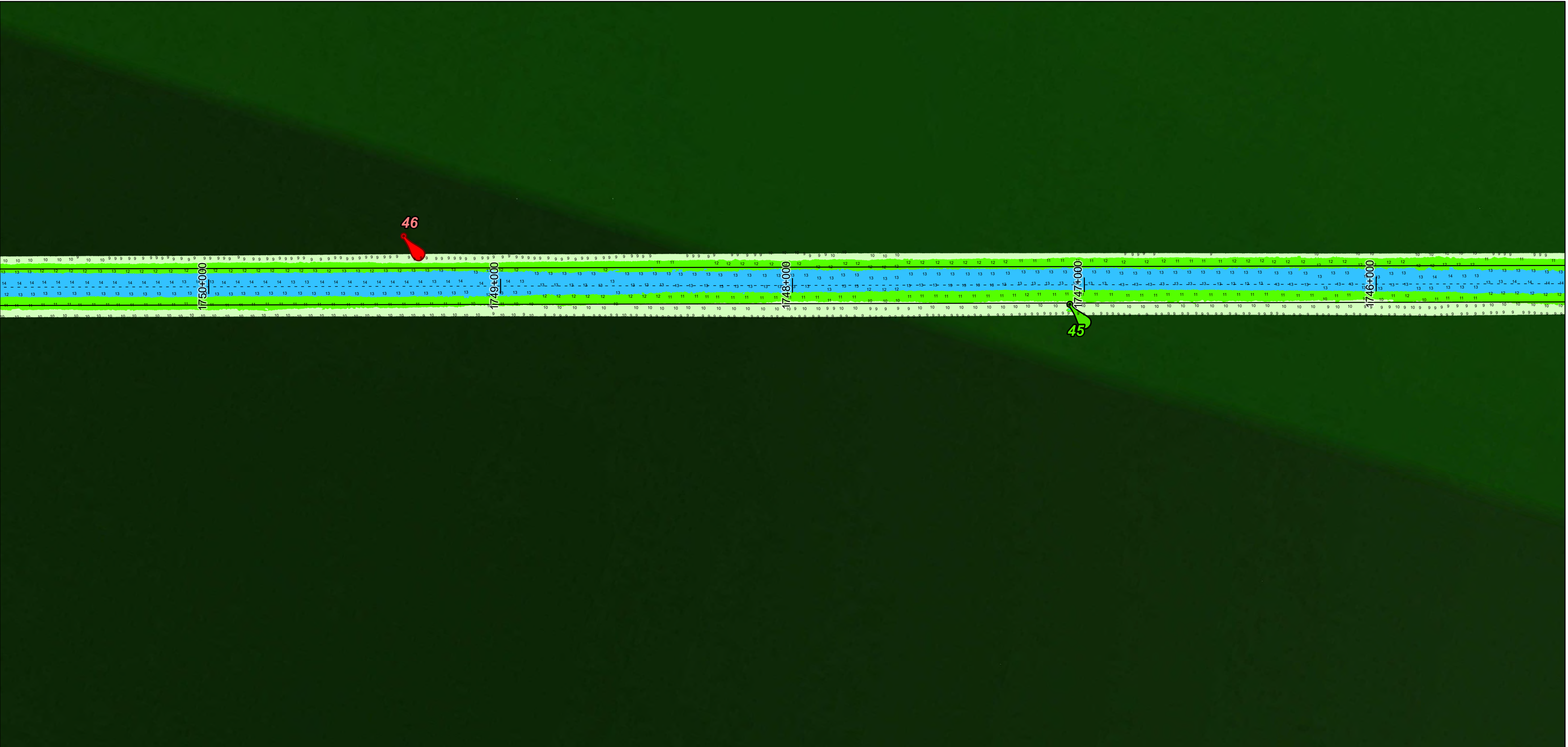
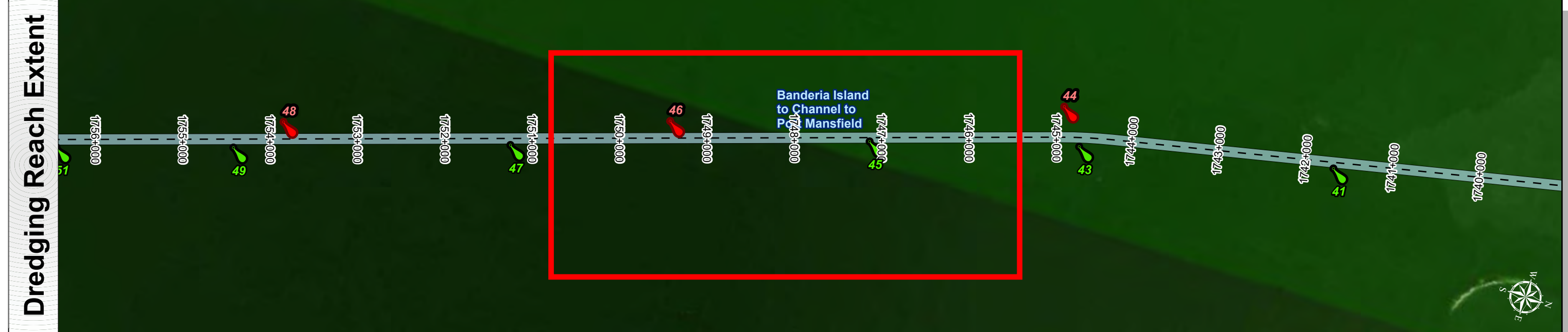
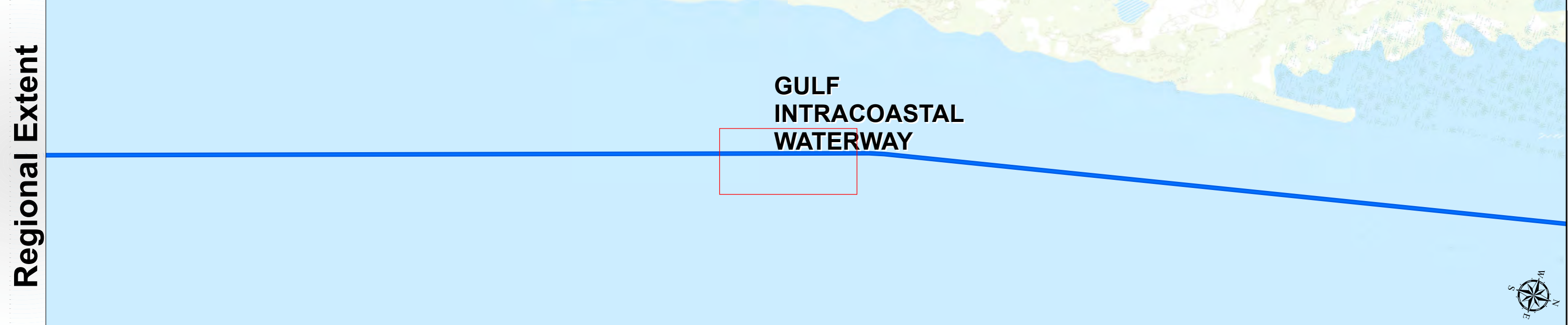
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic	
Dredging Reach Extent	0 0.2 0.4 0.8 Miles
Hydrographic Survey Extent	0 170 340 680 Feet

HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS
Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
 Banderia Island to Channel to Port Mansfield

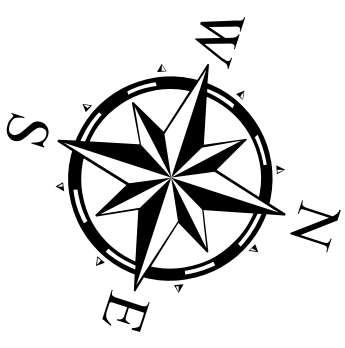
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 18 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
Mapped by: M3AOXPAC	
Additional Imagery info:	



Channel Features	Aids to Navigation
Channel Center Line	Green Side Aids
Channel Toe	Red Side Aids
Channel Dimensions	Lights

LWD
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 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 er1110.1-8132.
 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.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>
 Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
 World Imagery: Maxar, Microsoft
 World Imagery: Maxar
 World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
 Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
 20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
 20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
 Projection: Lambert Conformal Conic

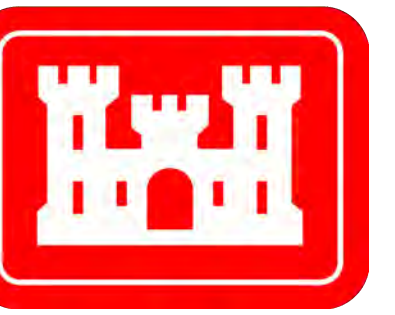
Dredging Reach Extent
 0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent
 0 170 340 680 Feet

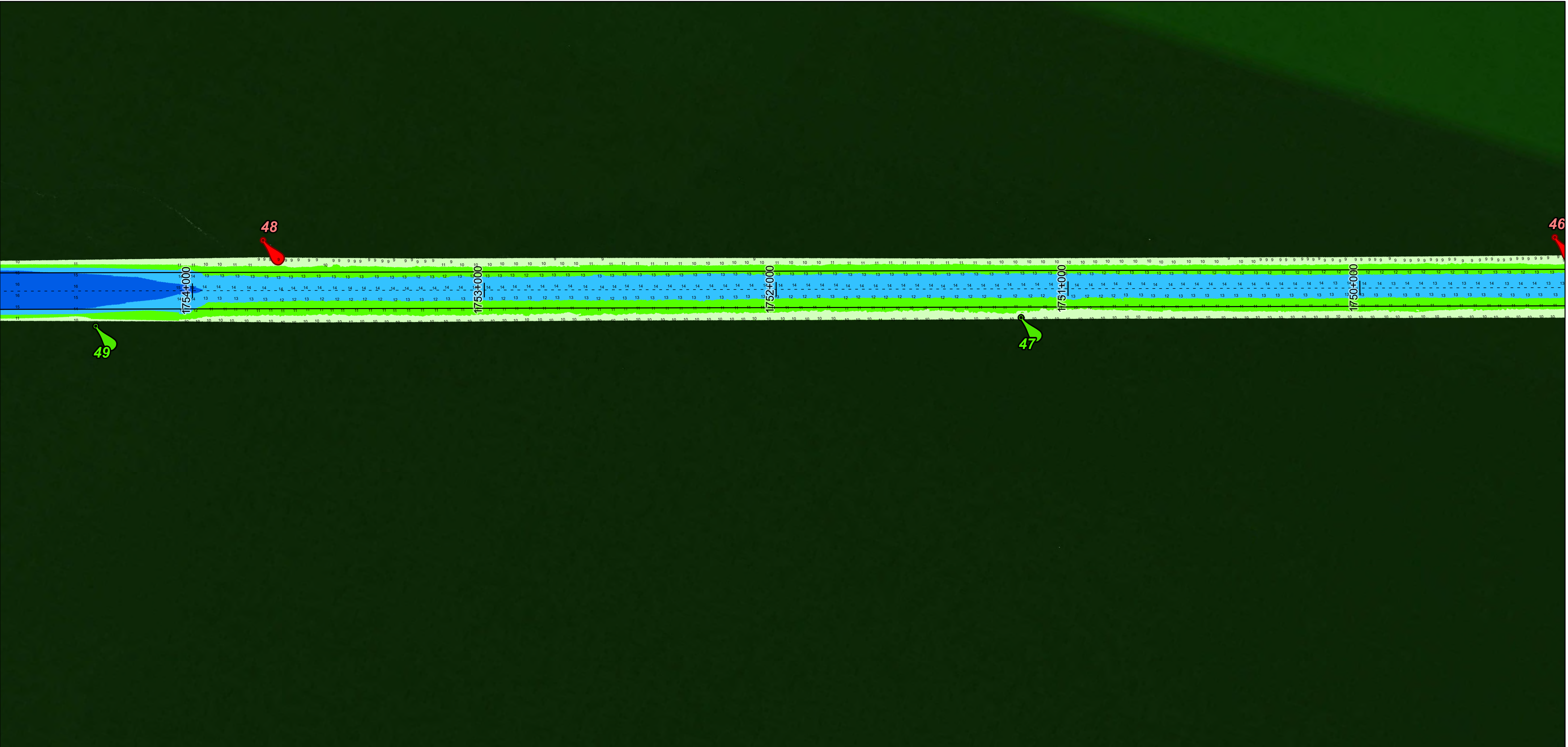
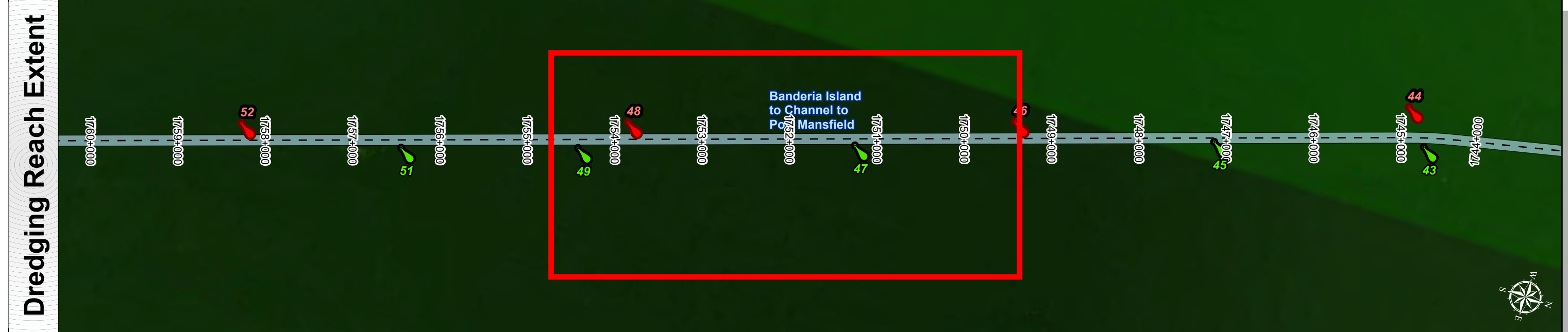
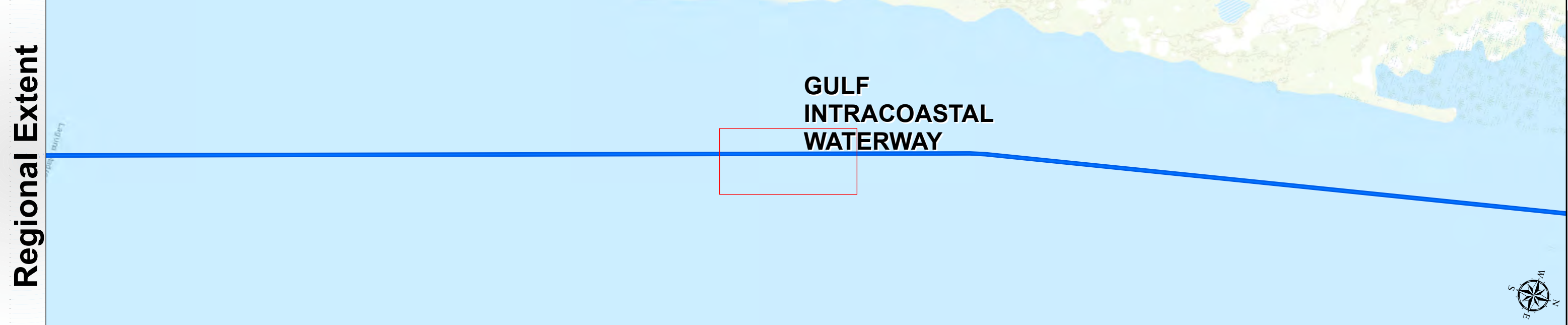
HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
 Banderia Island to Channel to Port Mansfield

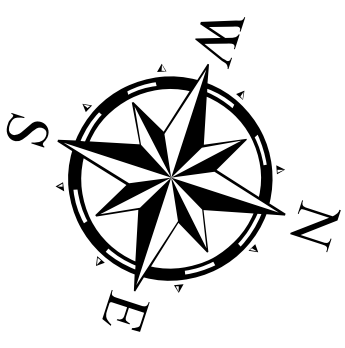
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 19 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
Mapped by: M3AOXPAC	
Website Index Number: 288	
Additional Imagery info:	



Channel Features	Aids to Navigation	LWD
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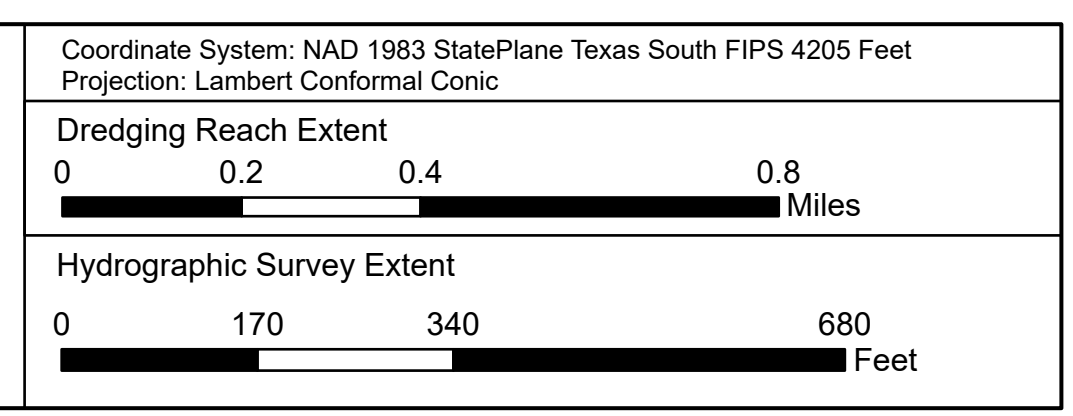
NOTES:

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
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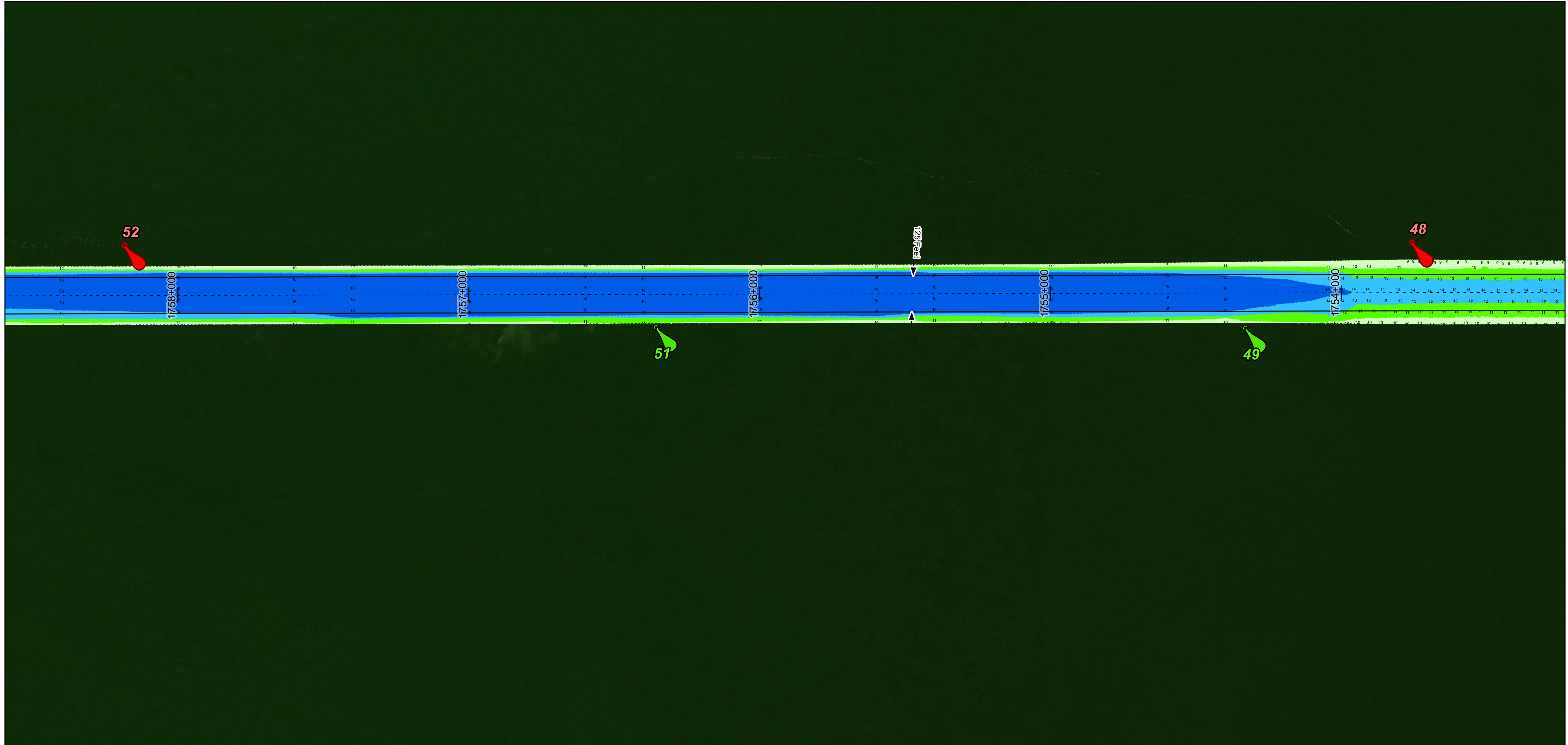
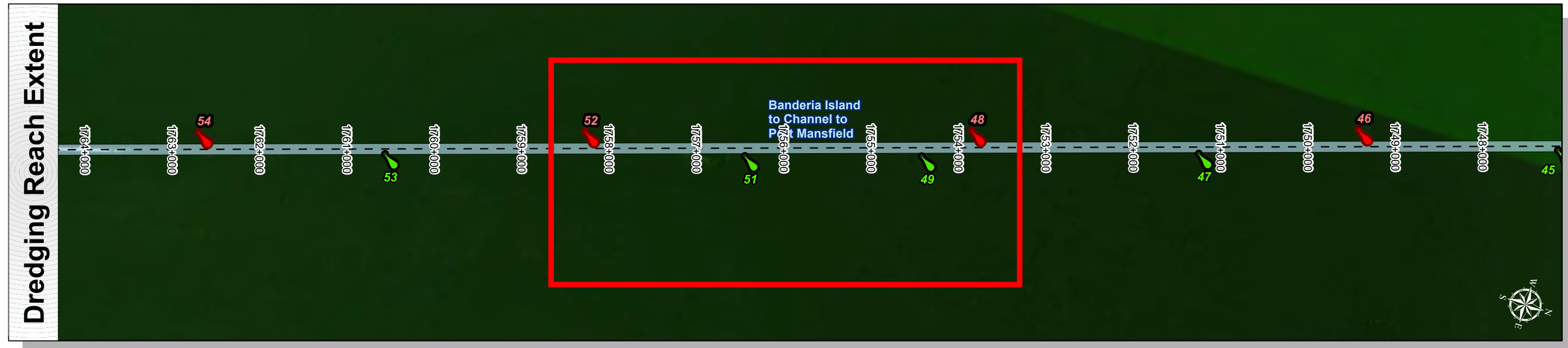
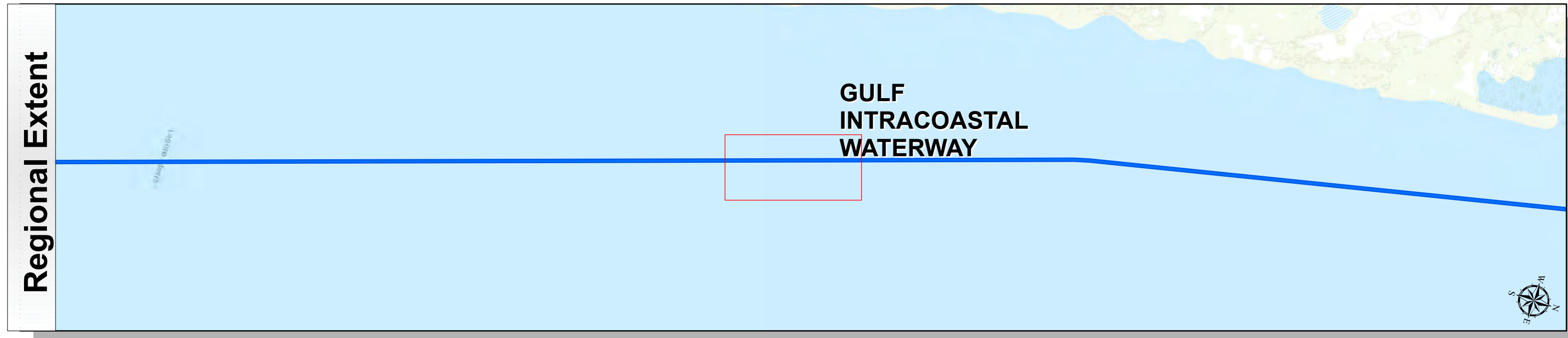
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
Banderia Island to Channel to Port Mansfield

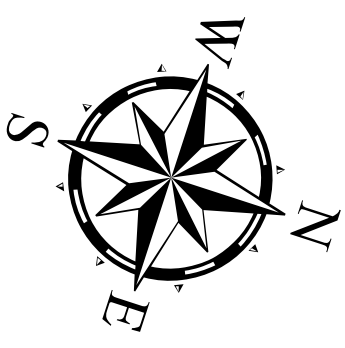
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 20 of 30	Side Slope Ratio: 1:1.03 (Rise : Run)
Scale: 1:2,000	Website Index Number: 289
Mapped by: M3AOXPAC	PDF Print Date: 2/11/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

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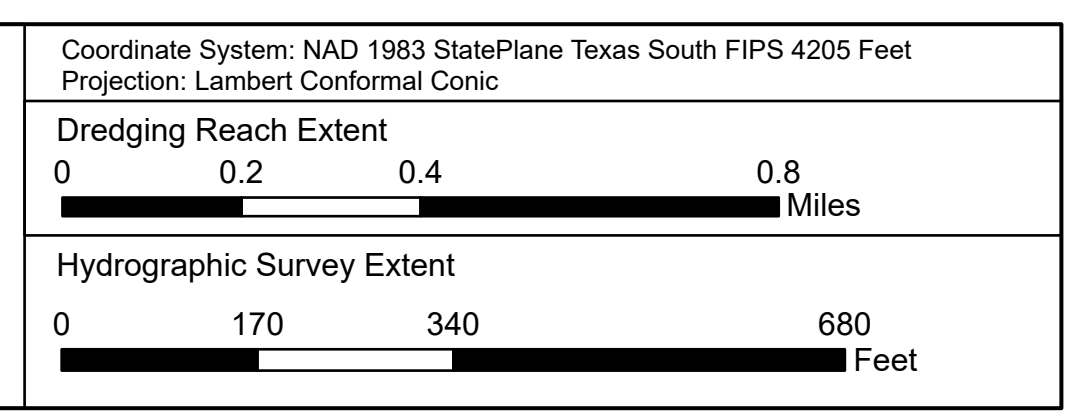
NOTES:

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
- 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 er11103-6132.
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
20250206_PR_1731P000_1754P000



HYDROGRAPHIC SURVEY

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

Station: 1679+500 to 1802+194.92

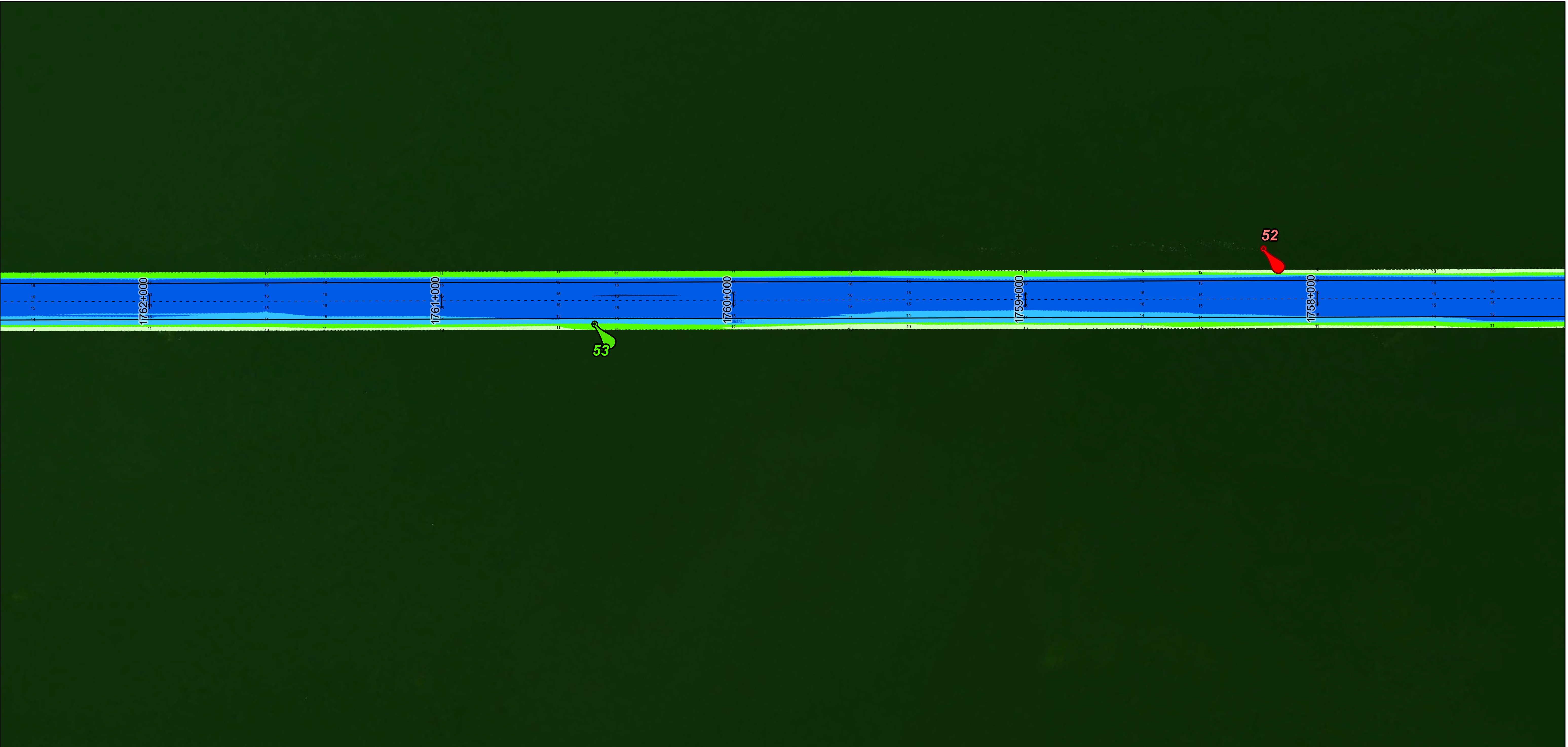
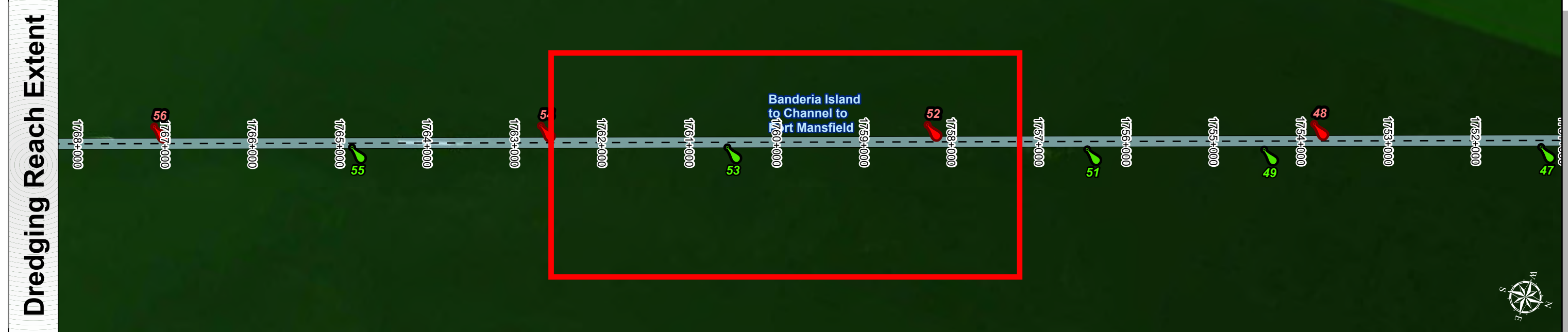
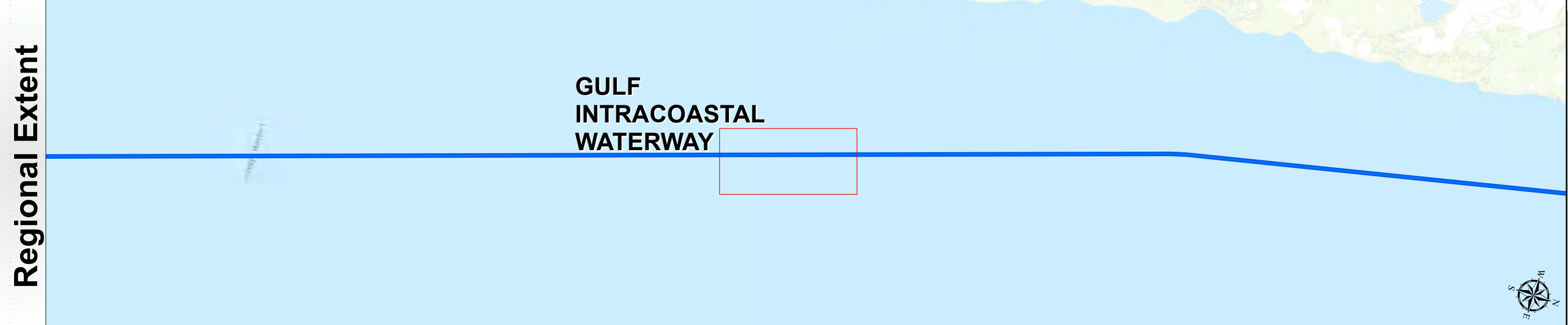
GULF INTRACOASTAL WATERWAY

Banderia Island to Channel to Port Mansfield

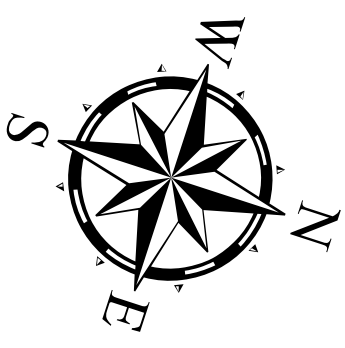
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 21 of 30	Side Slope Ratio: 1:1.03 (Rise : Run)
Scale: 1:2,000	Website Index Number: 290
Mapped by: M3AOXPAC	PDF Print Date: 2/11/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

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

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent

0 170 340 680 Feet

HYDROGRAPHIC SURVEY

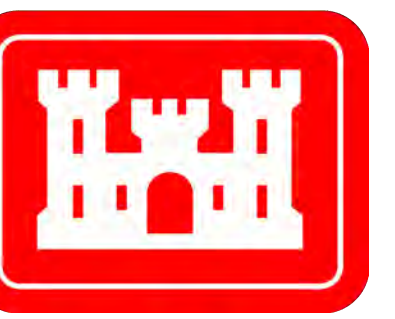
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92

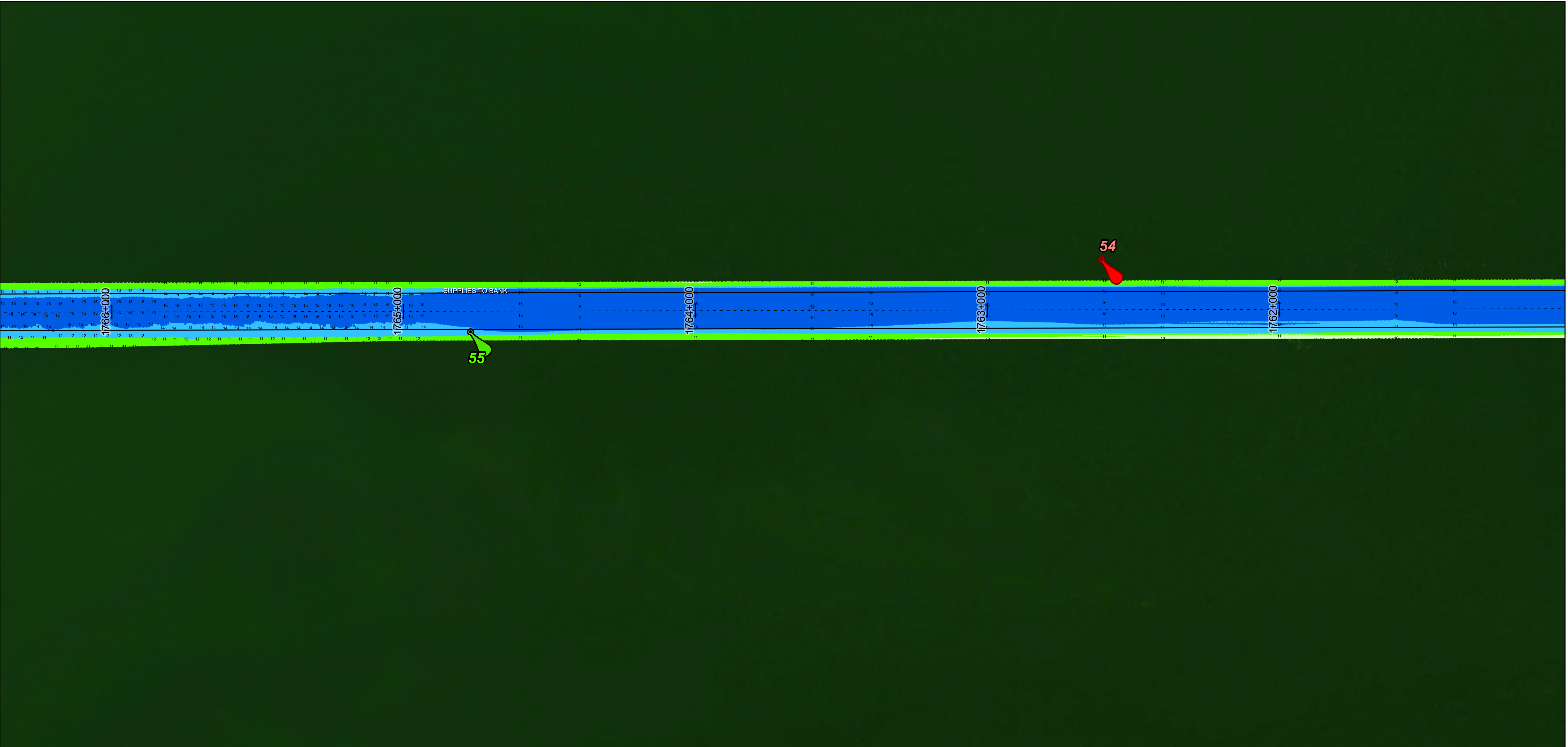
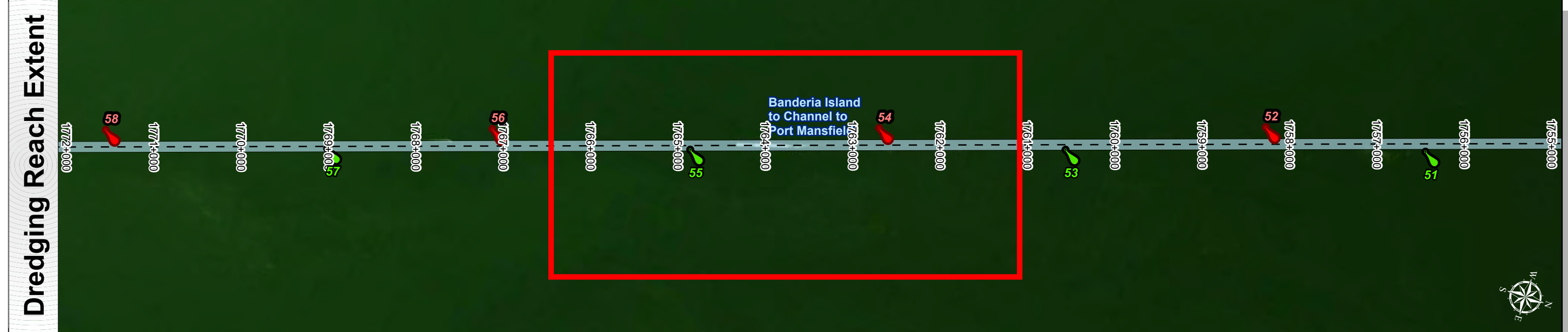
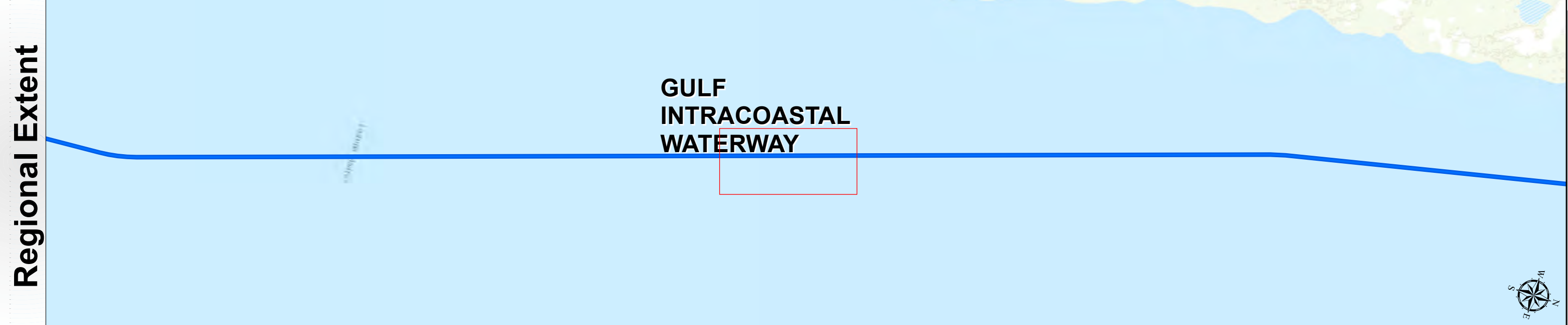
GULF INTRACOASTAL WATERWAY

Banderia Island to Channel to Port Mansfield

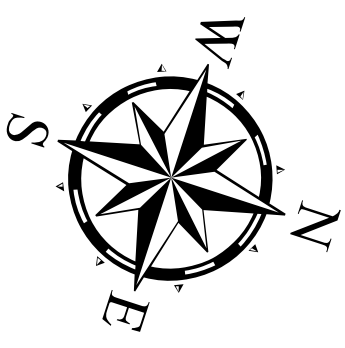
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 22 of 30	Side Slope Ratio: 1:1.03 (Rise : Run)
Scale: 1:2,000	Website Index Number: 291
Mapped by: M3AOXPAC	PDF Print Date: 2/11/2025
Additional Imagery info:	



Channel Features	Aids to Navigation	LWD
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NOTES:

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- For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>

Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic	
Dredging Reach Extent	0 0.2 0.4 0.8 Miles
Hydrographic Survey Extent	0 170 340 680 Feet

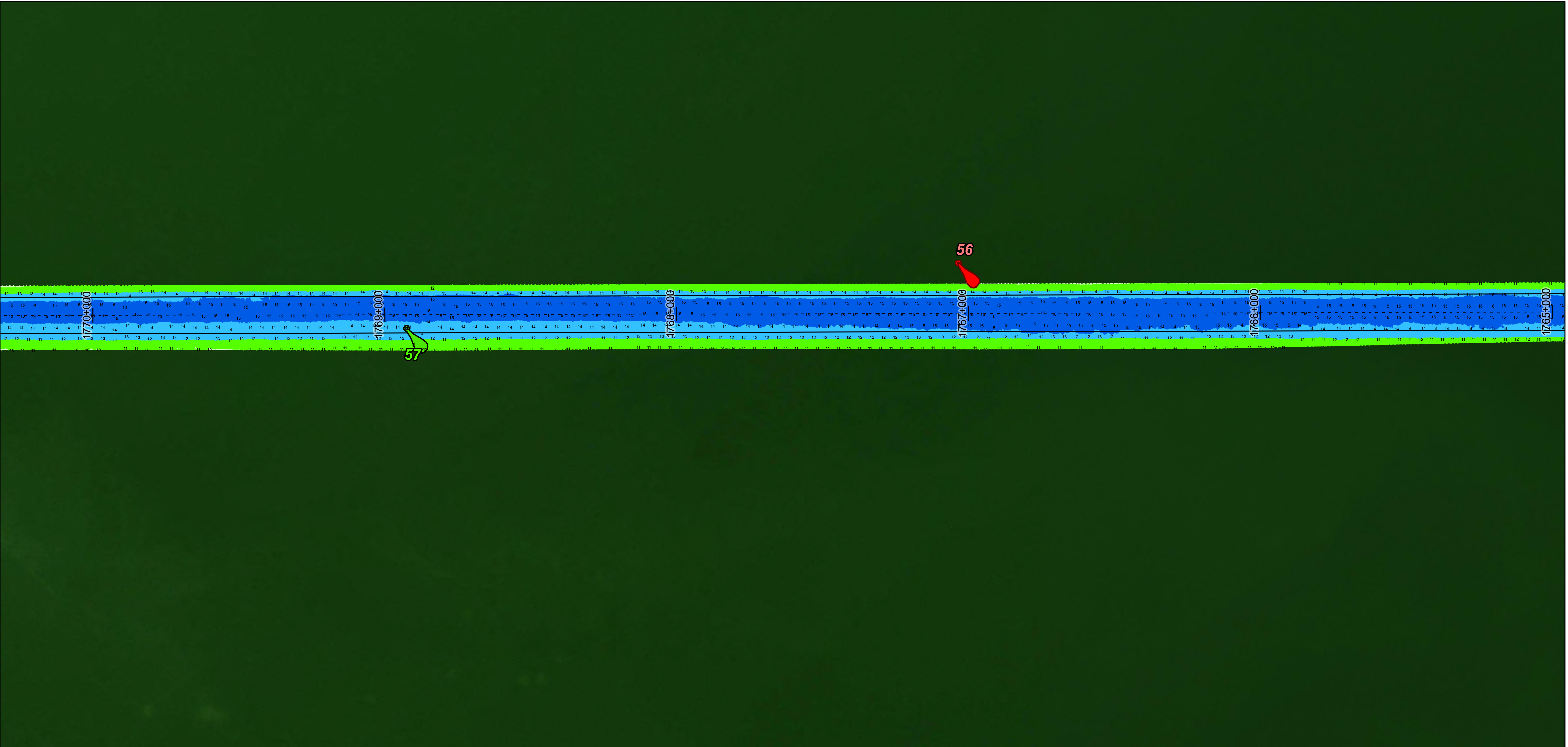
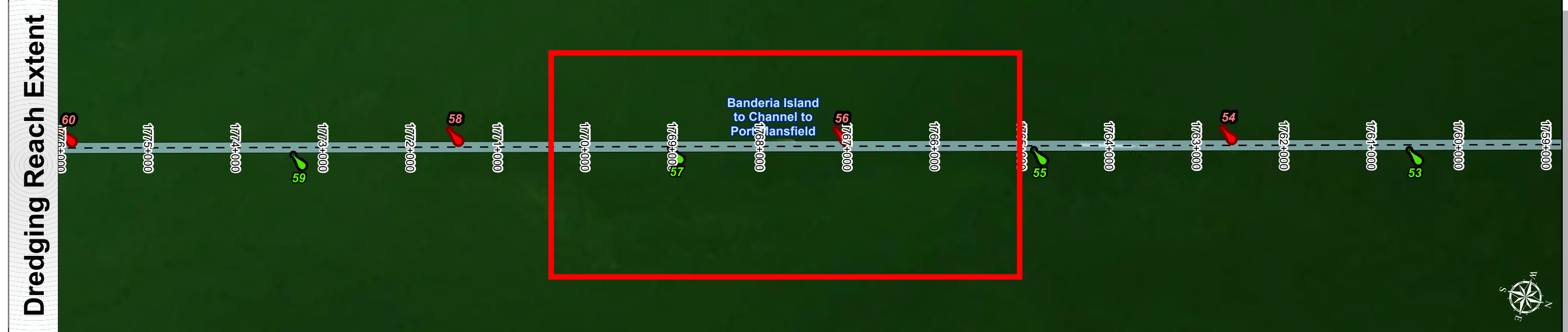
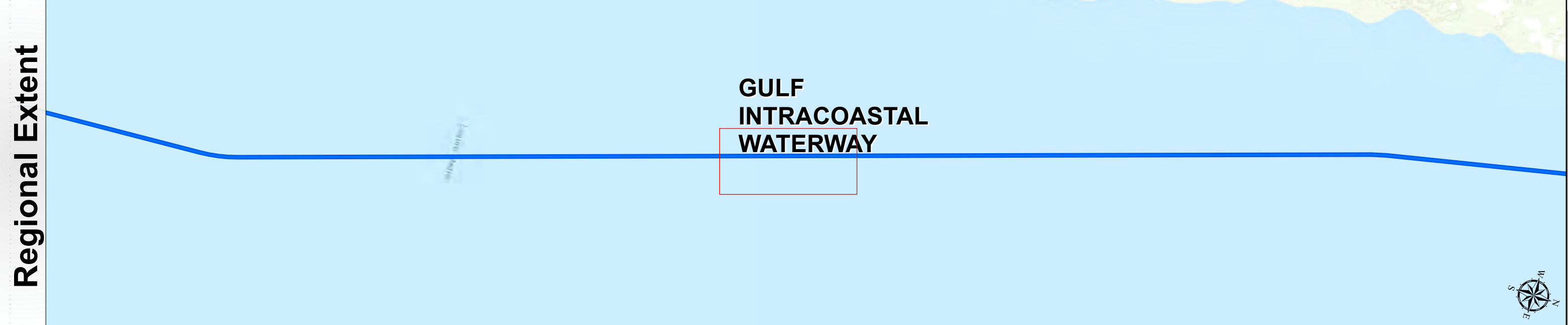
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
Banderia Island to Channel to Port Mansfield

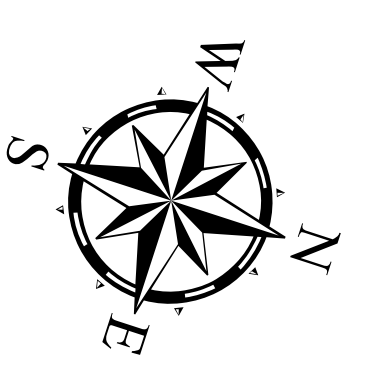
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 23 of 30	Side Slope Ratio: 1:1.03 (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
Mapped by: M3AOXPAC	
Additional Imagery info:	
Website Index Number: 292	



Channel Features	Aids to Navigation	LWD
--- 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

NOTES:

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
- 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 47CFR 117.115-1, 117.115-2.
- 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
- For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>

Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic	
Dredging Reach Extent	
0	0.2 0.4 0.8 Miles
Hydrographic Survey Extent	
0	170 340 680 Feet

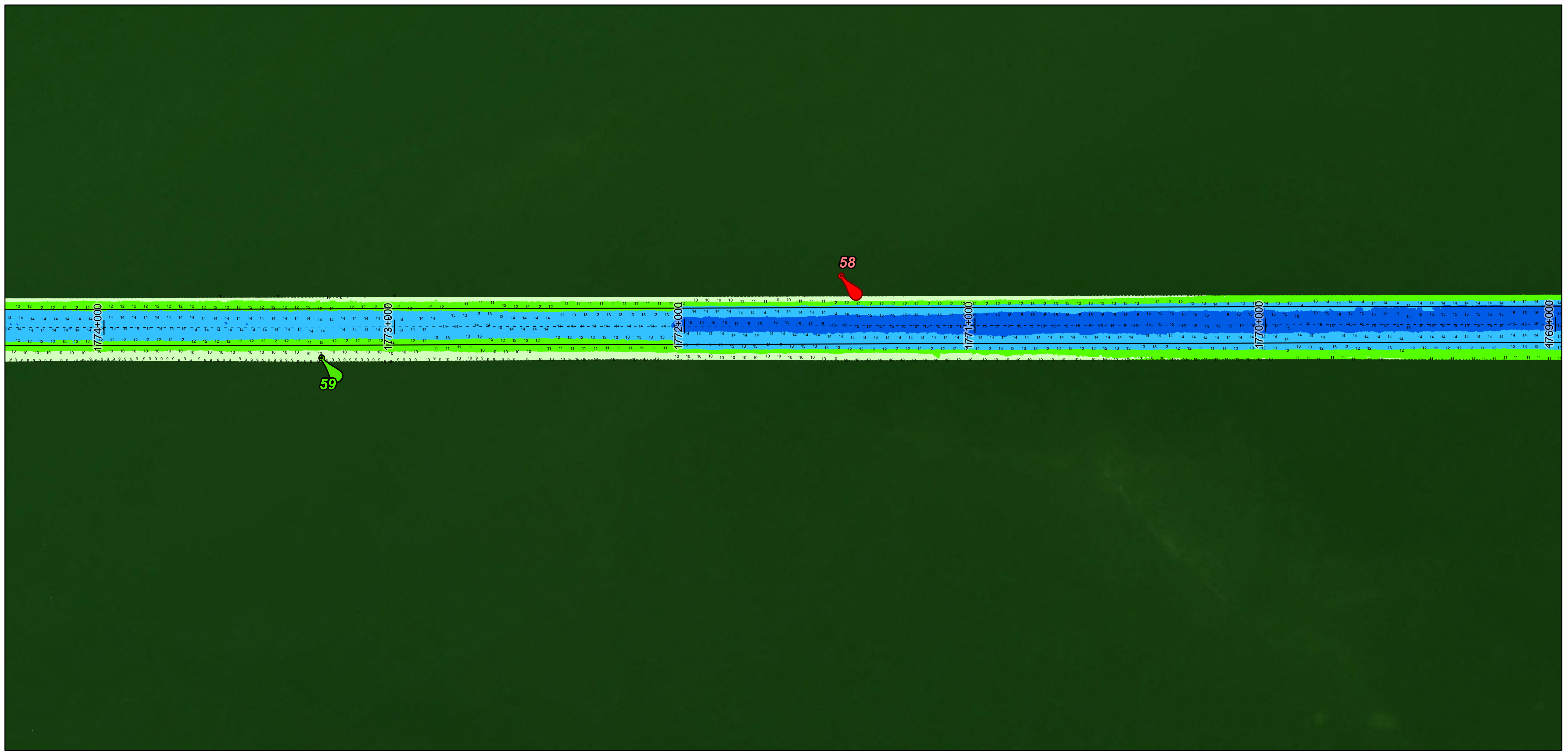
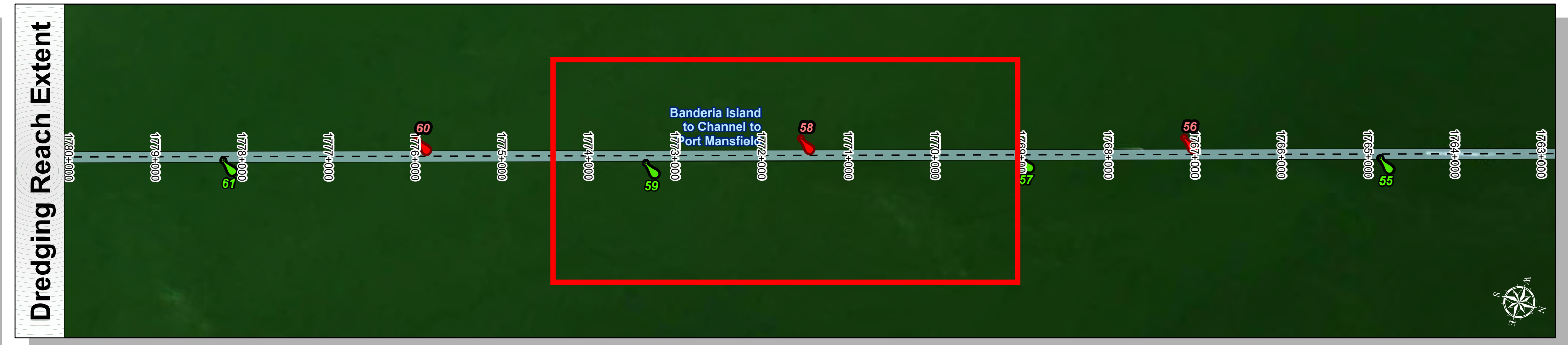
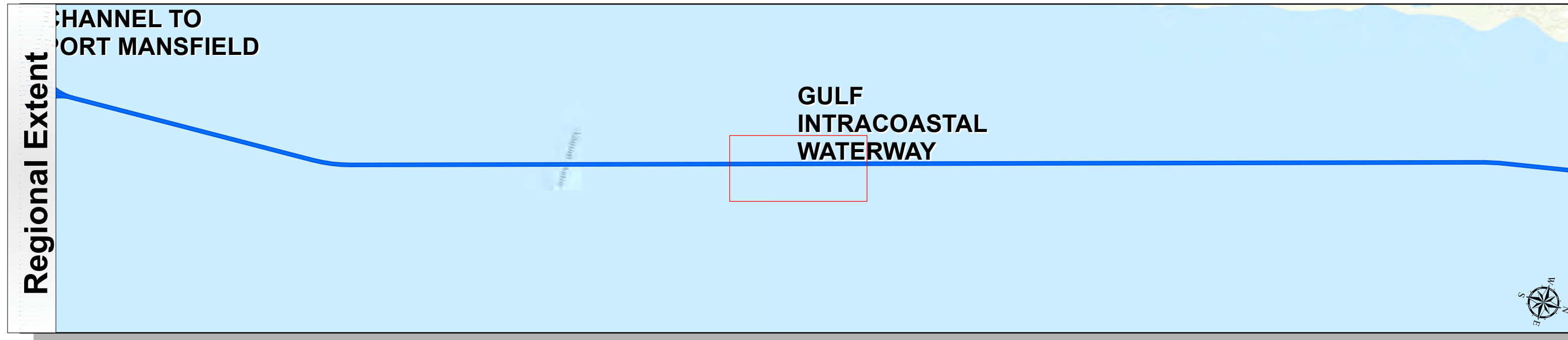
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
Banderia Island to Channel to Port Mansfield

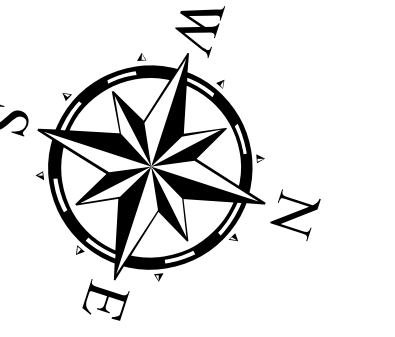
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 24 of 30	Side Slope Ratio: 1:1.03 (Rise : Run)
Scale: 1:2,000	Website Index Number: 293
Mapped by: M3AOXPAC	PDF Print Date: 2/11/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

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

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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent

0 170 340 680 Feet

HYDROGRAPHIC SURVEY

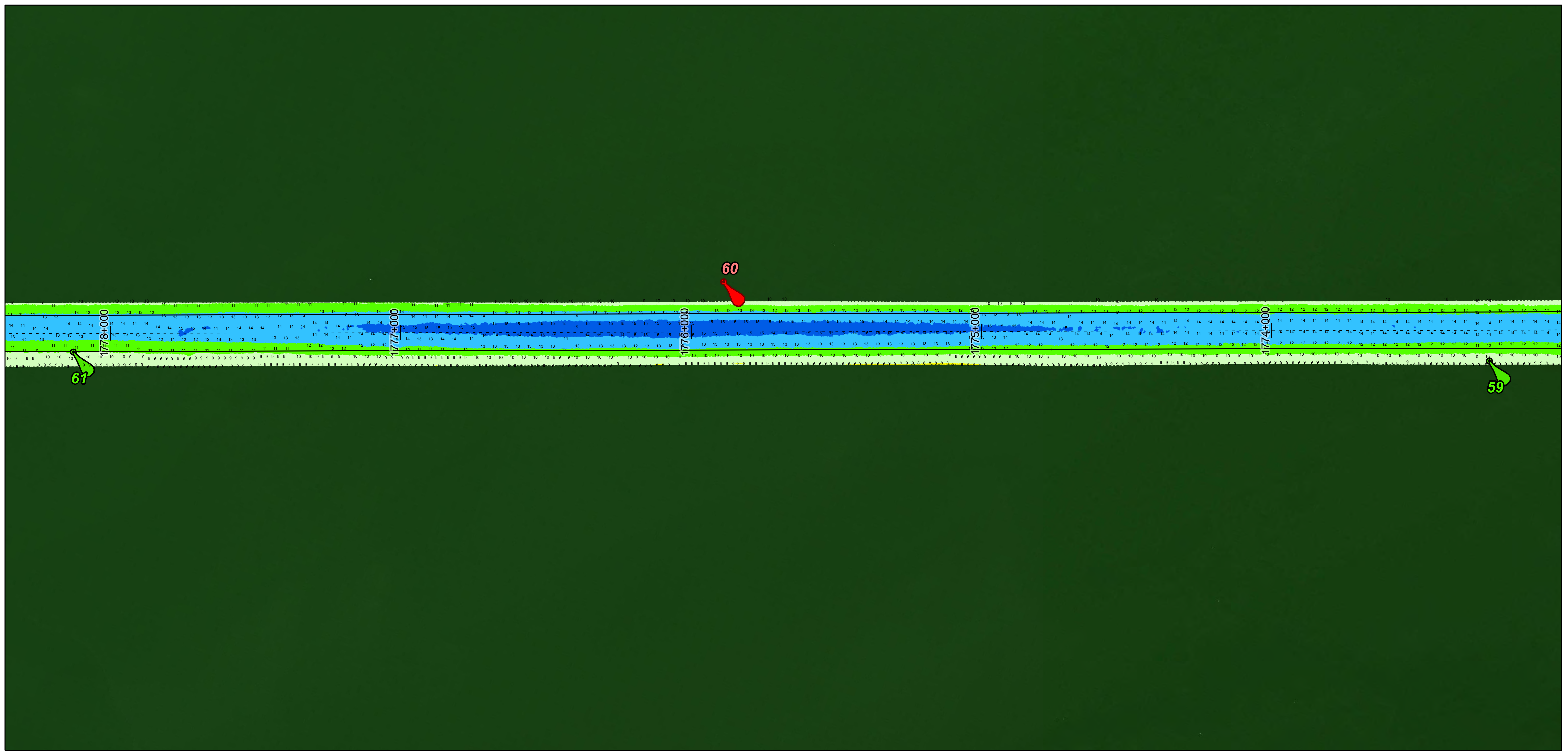
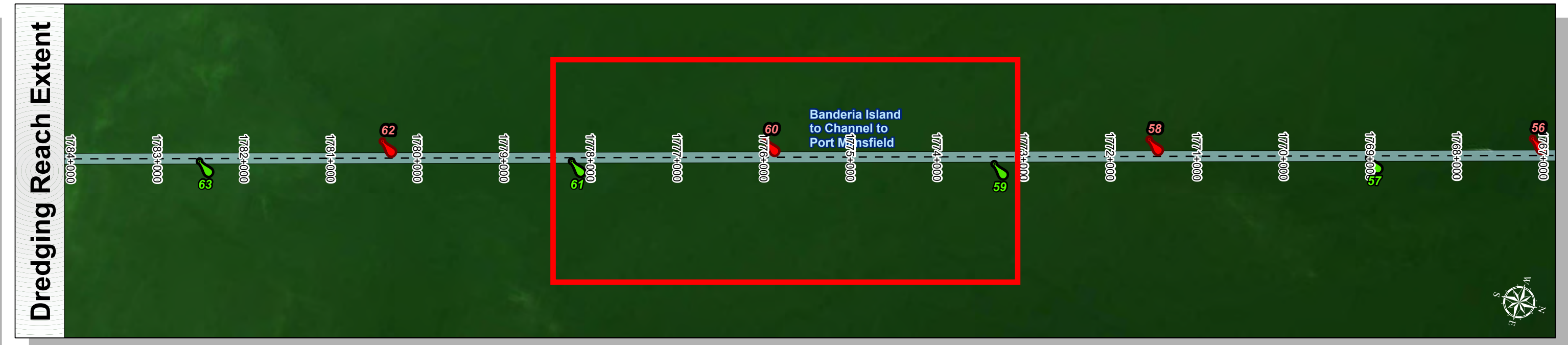
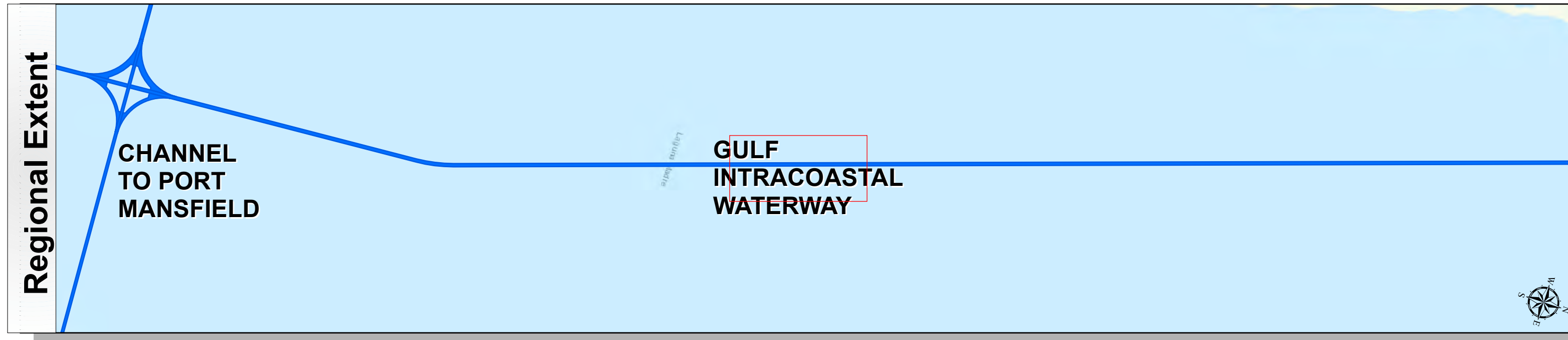
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
Banderia Island to Channel to Port Mansfield

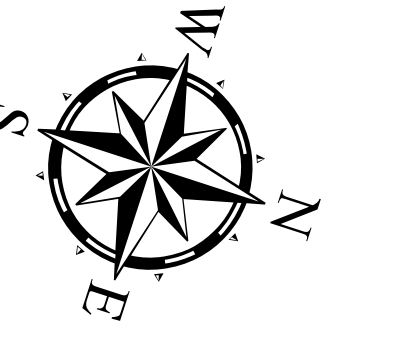
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 25 of 30	Side Slope Ratio: 1:1.03 (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
Mapped by: M3AOXPAC	
Additional Imagery info:	



Channel Features	Aids to Navigation	LWD
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NOTES:

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- For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>

Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

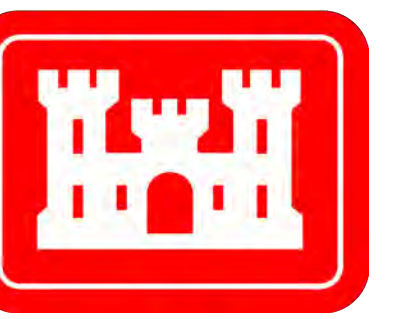
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20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic	
Dredging Reach Extent	0 0.2 0.4 0.8 Miles
Hydrographic Survey Extent	0 170 340 680 Feet

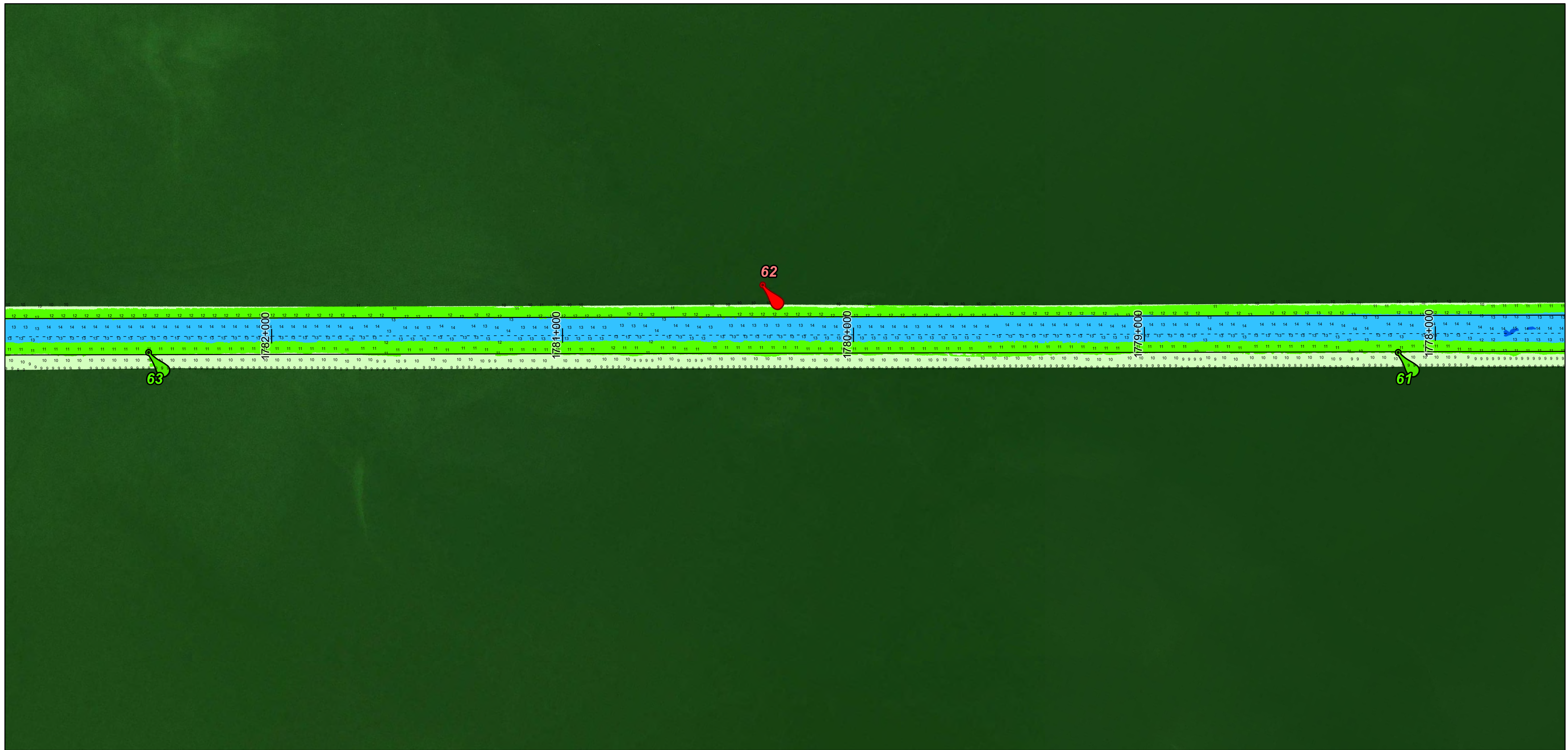
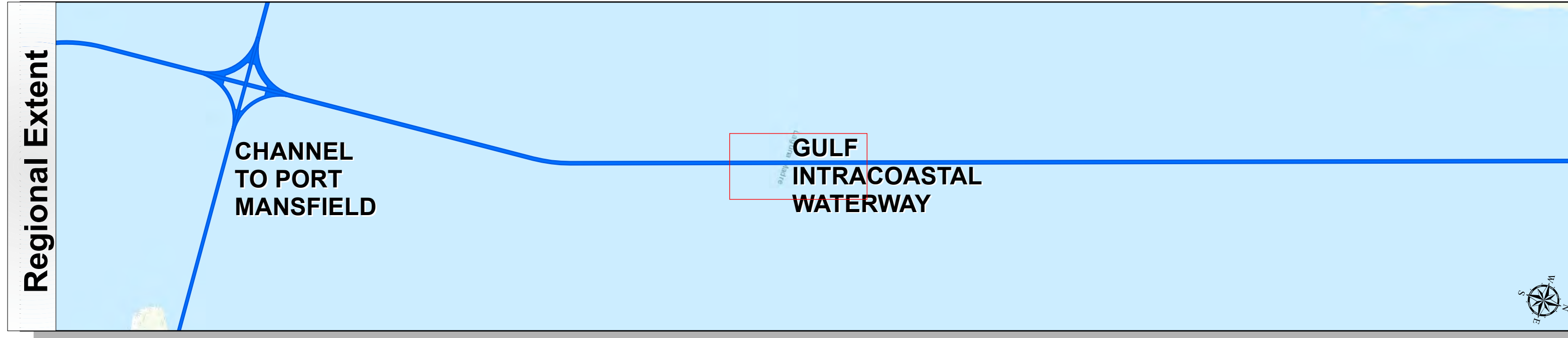
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
Banderia Island to Channel to Port Mansfield

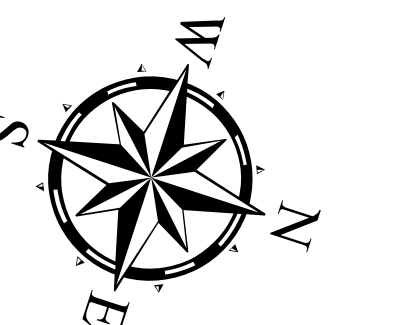
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 26 of 30	Side Slope Ratio: 1:1.03 (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
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

LWD

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

NOTES:

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
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Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent

0 170 340 680 Feet

HYDROGRAPHIC SURVEY

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

Station: 1679+500 to 1802+194.92

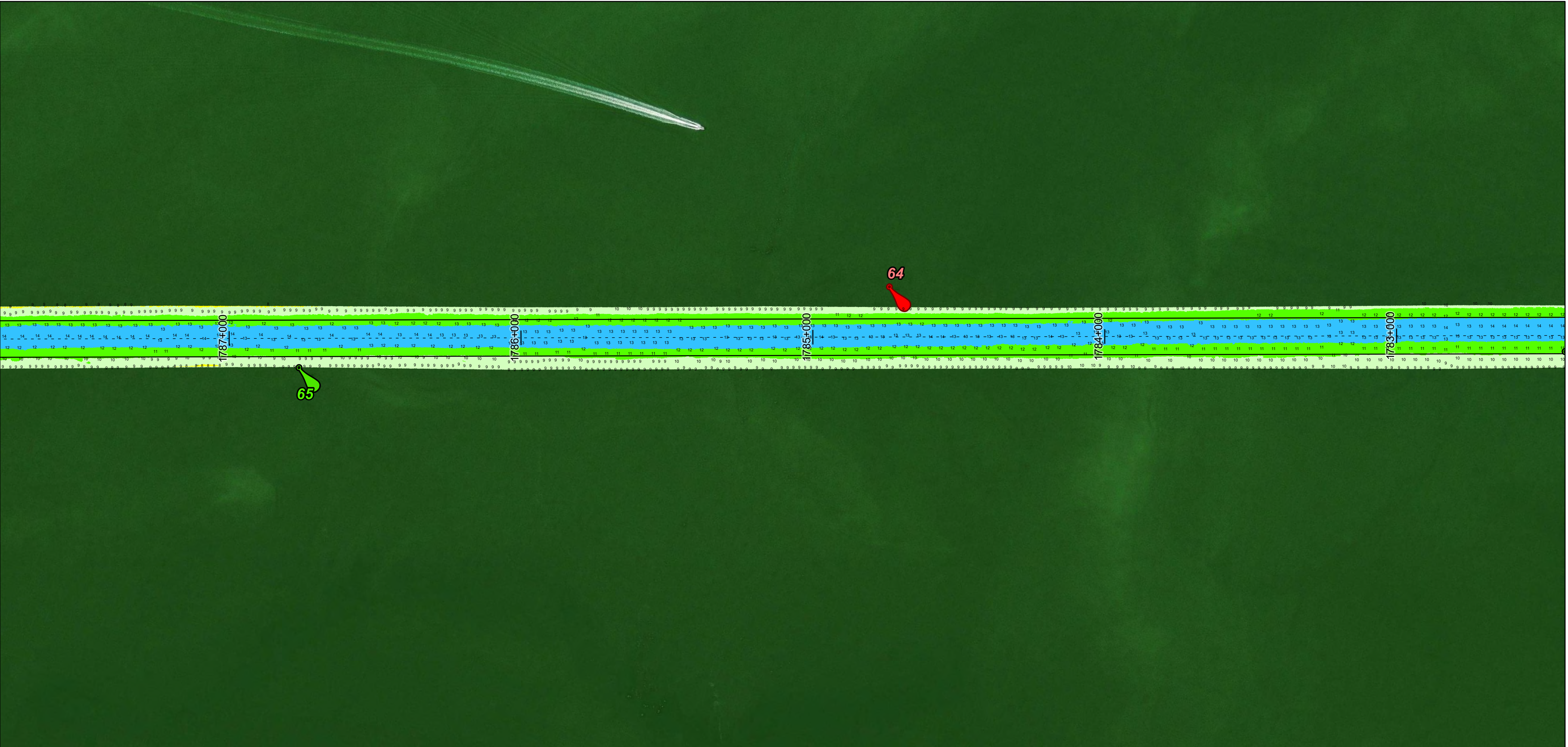
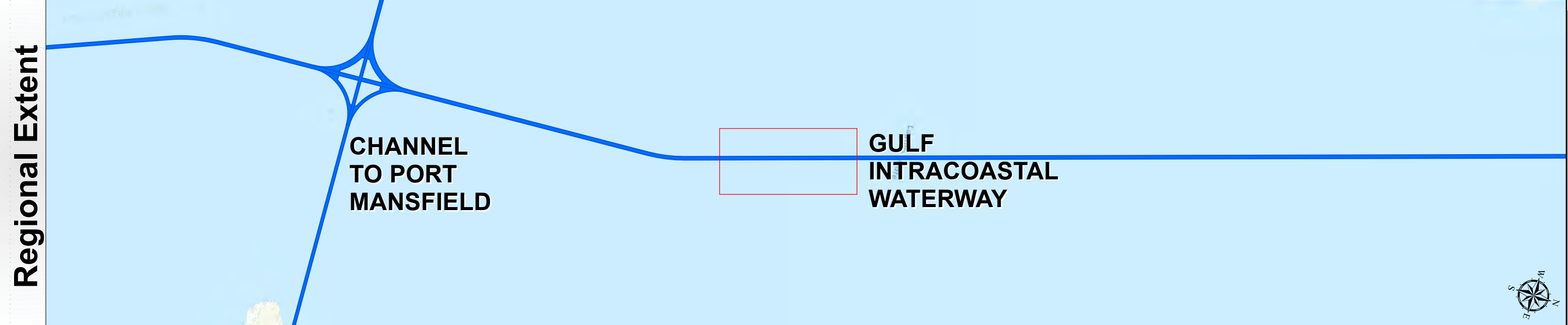
GULF INTRACOASTAL WATERWAY

Banderia Island to Channel to Port Mansfield

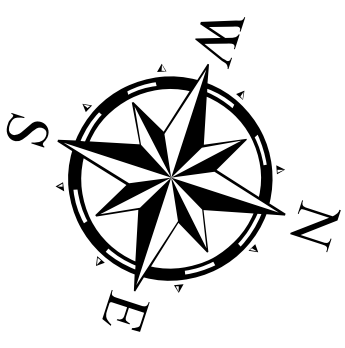
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 27 of 30	Side Slope Ratio: 1:1.03 (Rise : Run)
Scale: 1:2,000	Website Index Number: 296
Mapped by: M3AOXPAC	PDF Print Date: 2/11/2025
Additional Imagery info:	

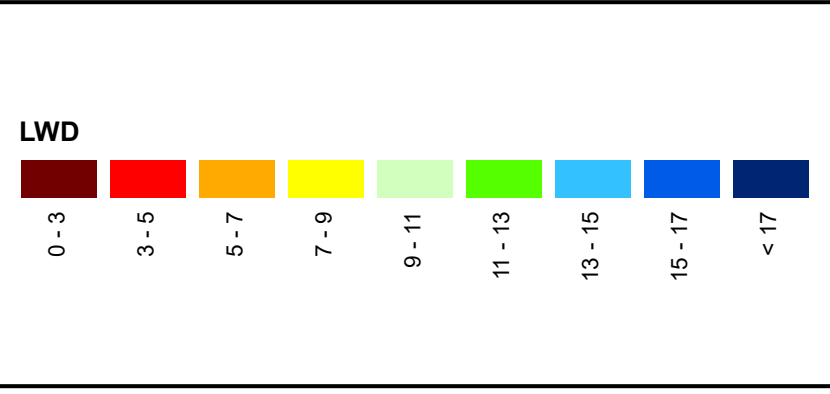


Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights



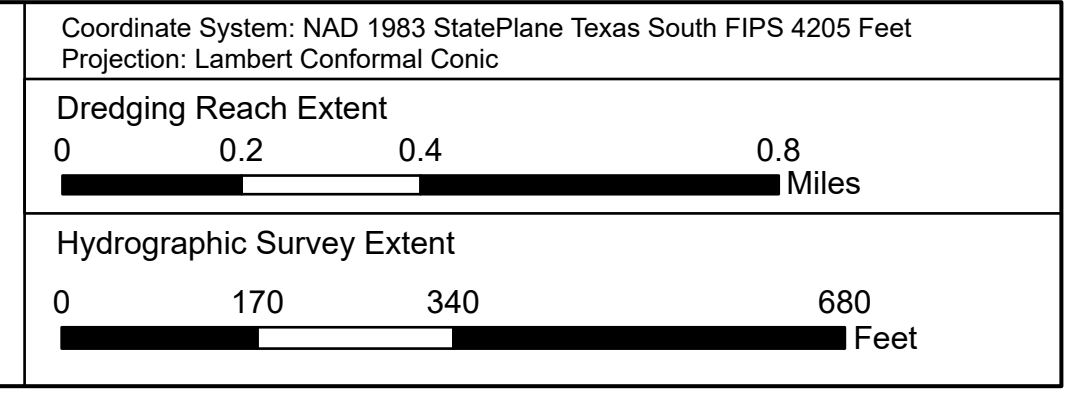
NOTES:

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

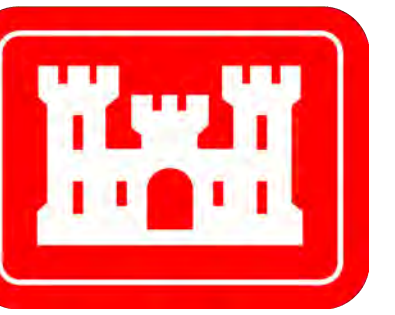
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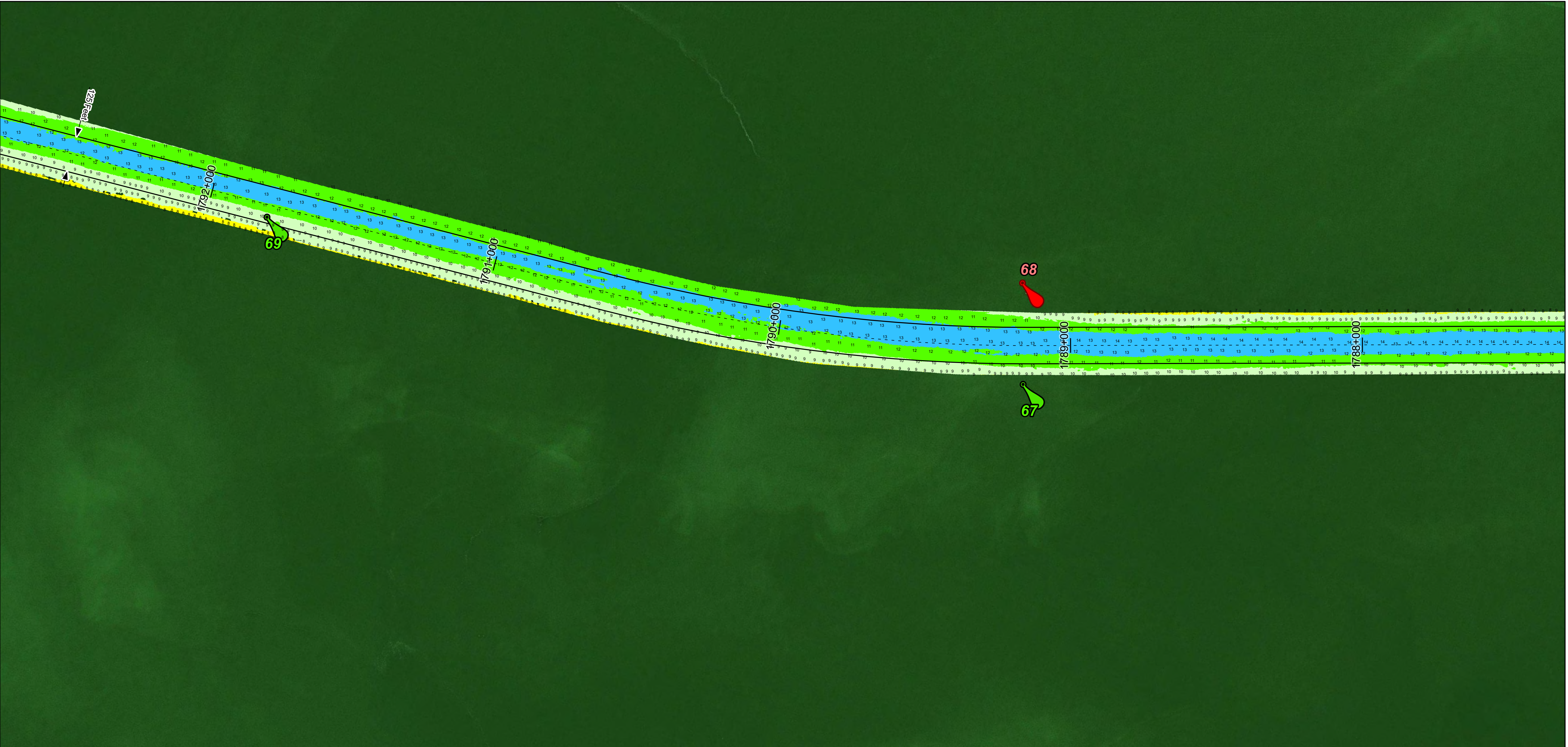
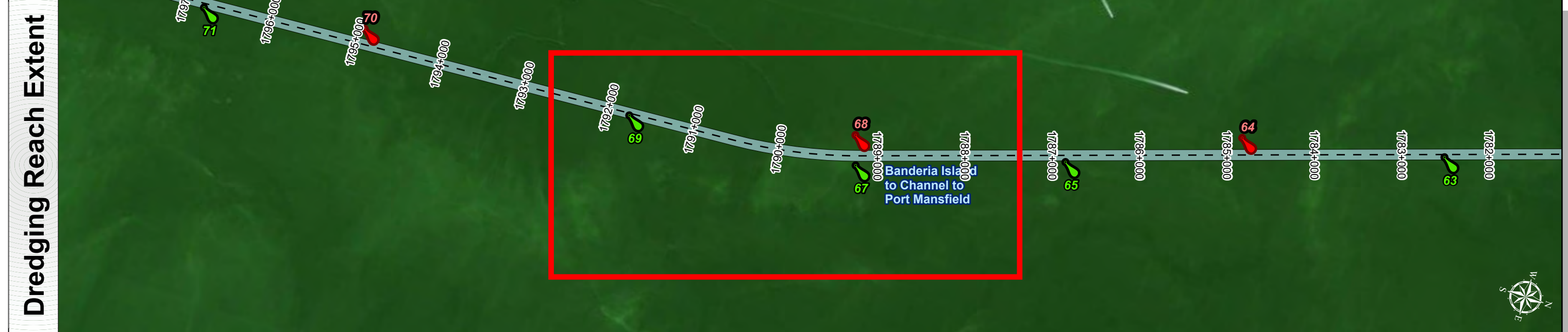
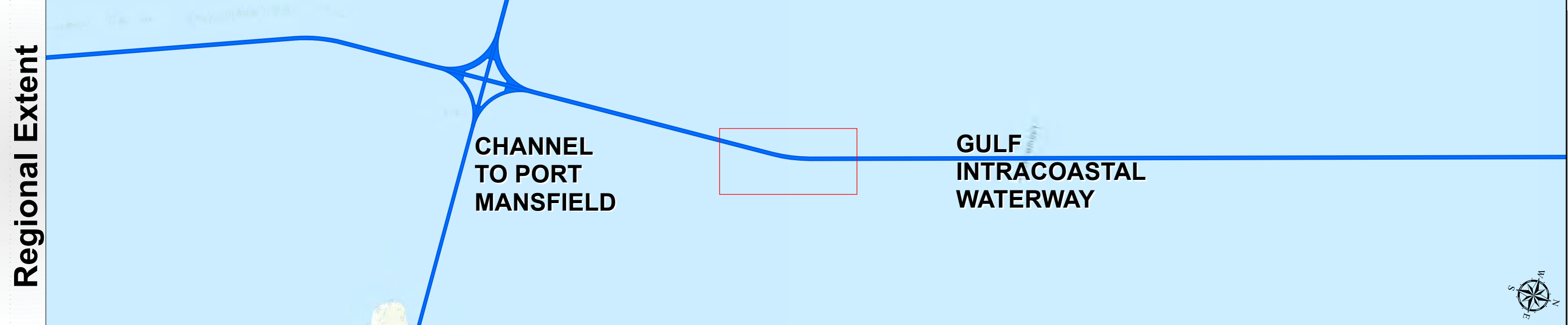
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
Banderia Island to Channel to Port Mansfield

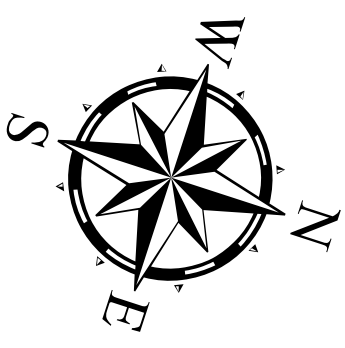
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 28 of 30	Side Slope Ratio: 1:1.03 (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
Mapped by: M3AOXPAC	
Additional Imagery info:	



Channel Features	Aids to Navigation	LWD
<ul style="list-style-type: none"> Channel Center Line Channel Toe Channel Dimensions 	<ul style="list-style-type: none"> Green Side Aids Red Side Aids Lights 	<ul style="list-style-type: none"> 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 Zone NAD83 US Survey Feet.
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 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
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 World Imagery: Maxar, Microsoft
 World Imagery: Masar
 World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

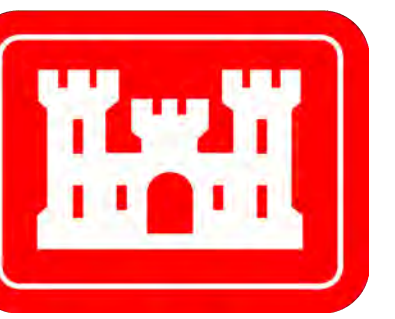
Additional Combined Survey Dates and Stationing:
 Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
 20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
 20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic
Dredging Reach Extent 0 0.2 0.4 0.8 Miles
Hydrographic Survey Extent 0 170 340 680 Feet

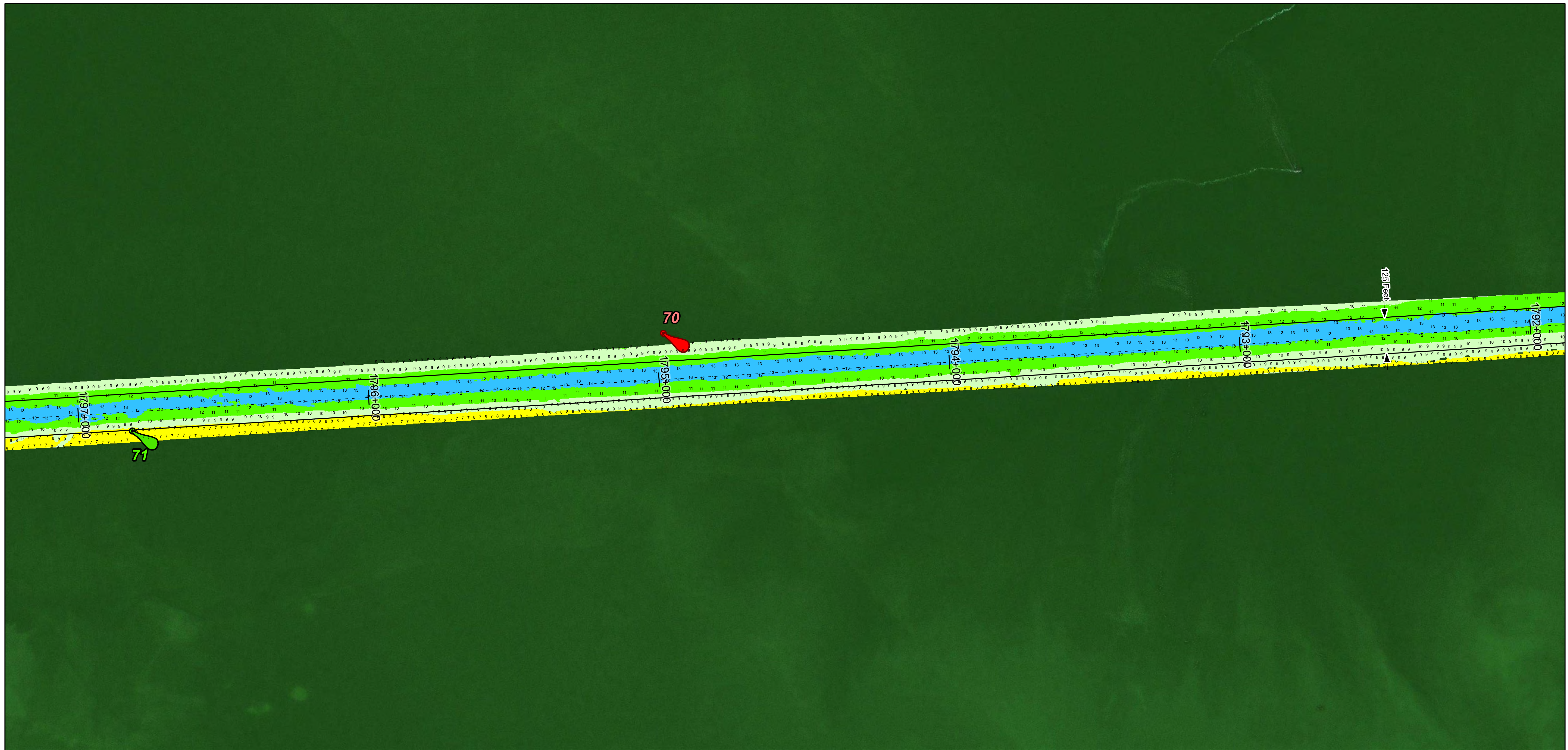
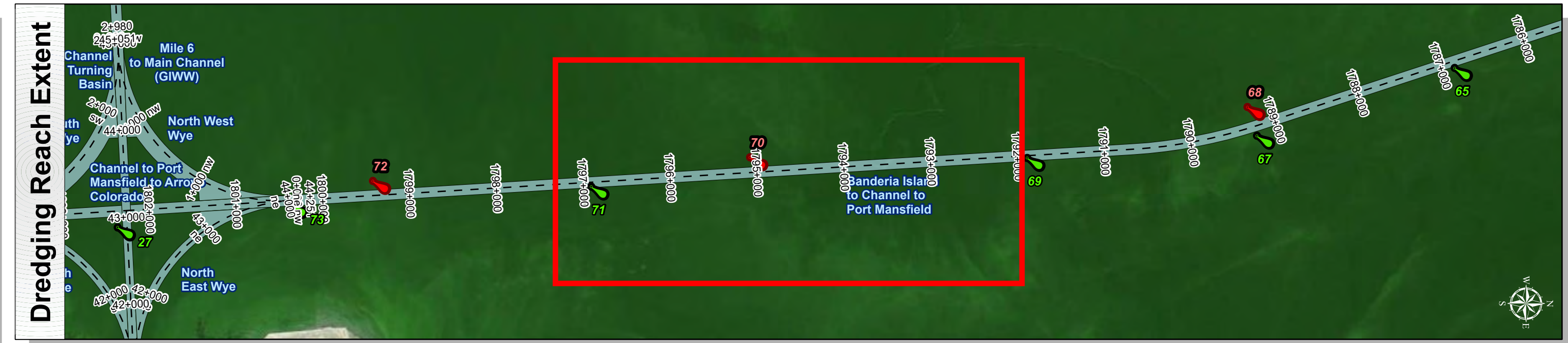
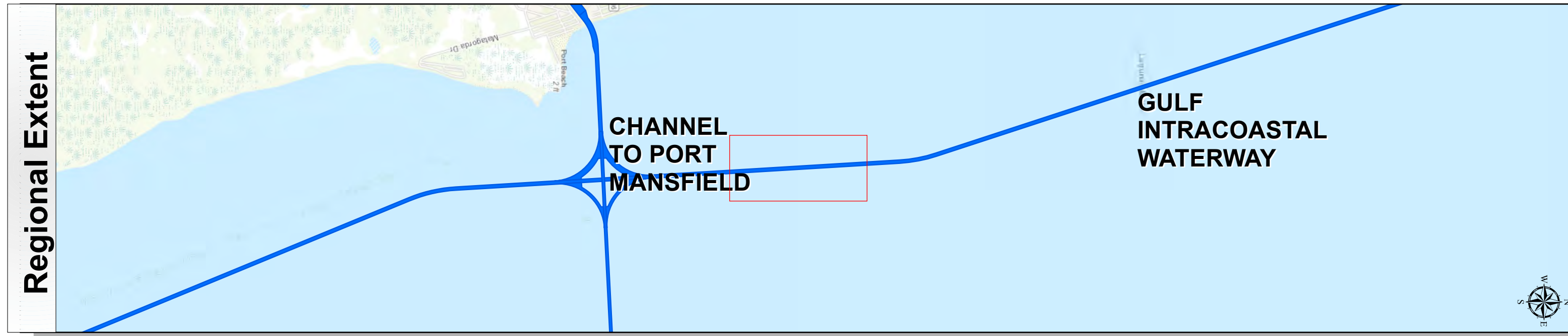
HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
 Banderia Island to Channel to Port Mansfield

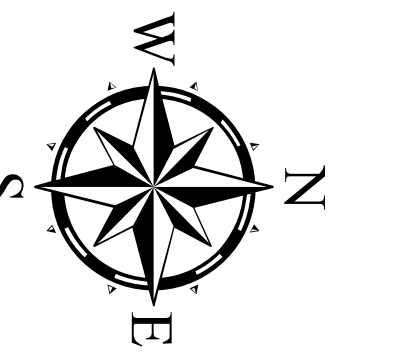
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 29 of 30	Side Slope Ratio: 1:1.03 (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
Mapped by: M3AOXPAC	
Additional Imagery info:	



Channel Features	Aids to Navigation	LWD
<ul style="list-style-type: none"> Channel Center Line Channel Toe Channel Dimensions 	<ul style="list-style-type: none"> Green Side Aids Red Side Aids Lights 	<ul style="list-style-type: none"> 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, Microsoft
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World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

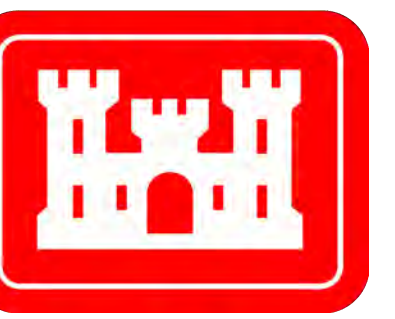
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 Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
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 20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic	
Dredging Reach Extent	0 0.2 0.4 0.8 Miles
Hydrographic Survey Extent	0 170 340 680 Feet

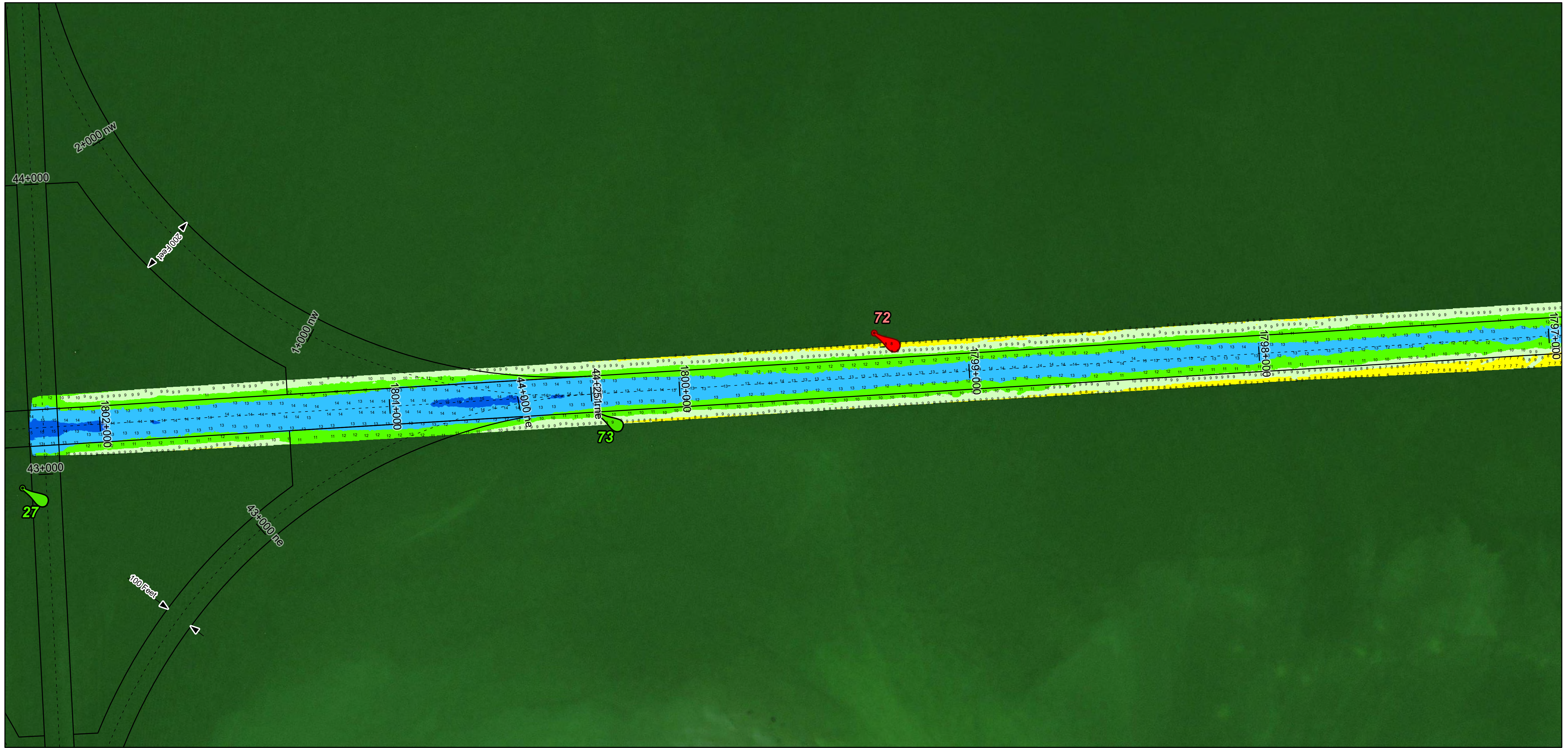
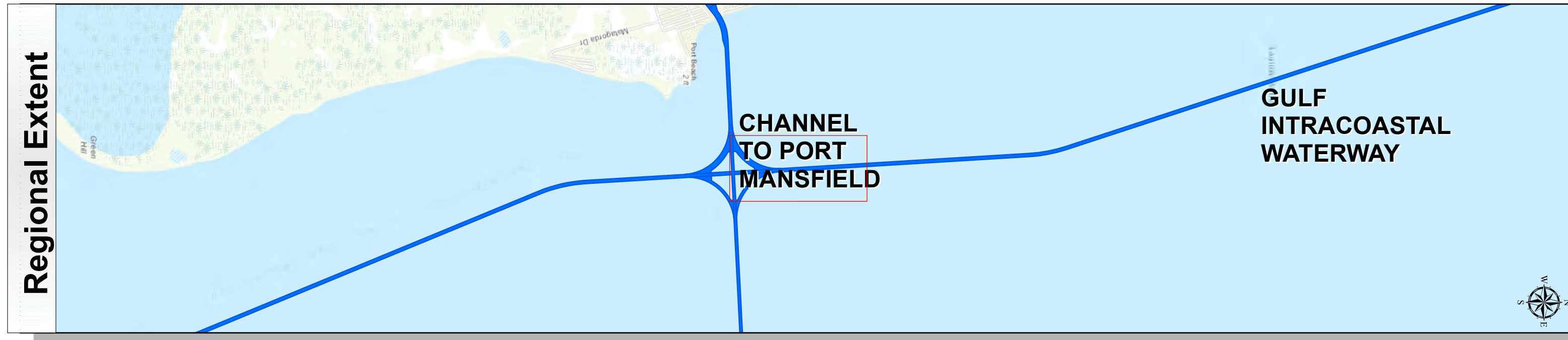
HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS

Station: 1679+500 to 1802+194.92
GULF INTRACOASTAL WATERWAY
 Banderia Island to Channel to Port Mansfield

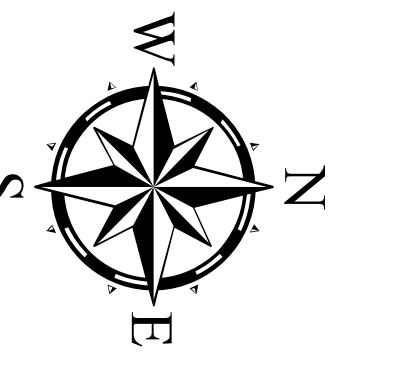
Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 February 2025	Authorized Depth: -13ft.
Document Page: 30 of 30	Side Slope Ratio: 1:1.03 (Rise : Run)
Scale: 1:2,000	PDF Print Date: 2/11/2025
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

LWD

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

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
- 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, 8-132.
- 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
- For the most up to date information please check our website at: <http://www.svg.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, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combined survey dates 20240612; 20250122_PR_1785P000_1802P194.92;
20250204_PR_1765P000_1786P000; 20250205_PR_1718P000_1731P000;
20250206_PR_1731P000_1754P000

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent

0 170 340 680 Feet

HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
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GULF INTRACOASTAL WATERWAY

Banderia Island to Channel to Port Mansfield