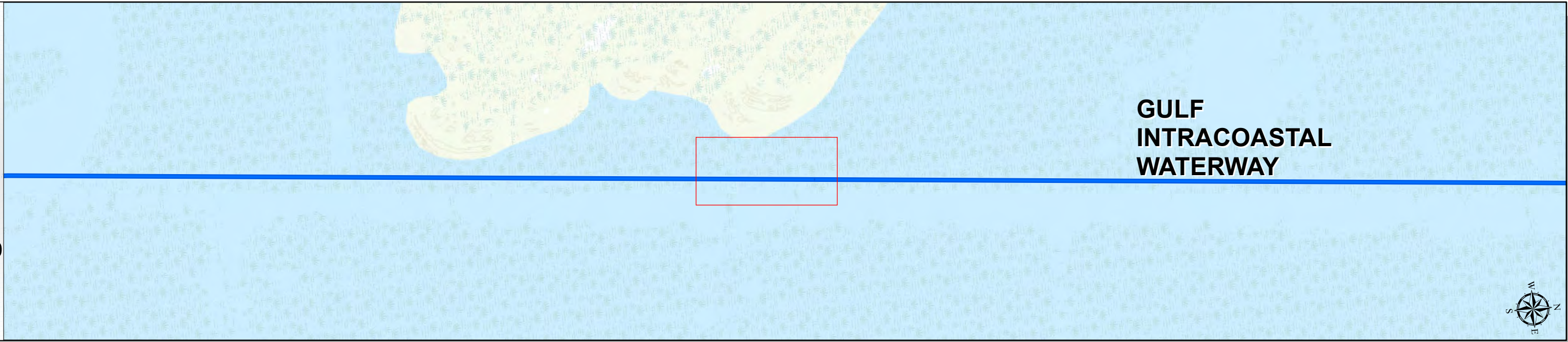


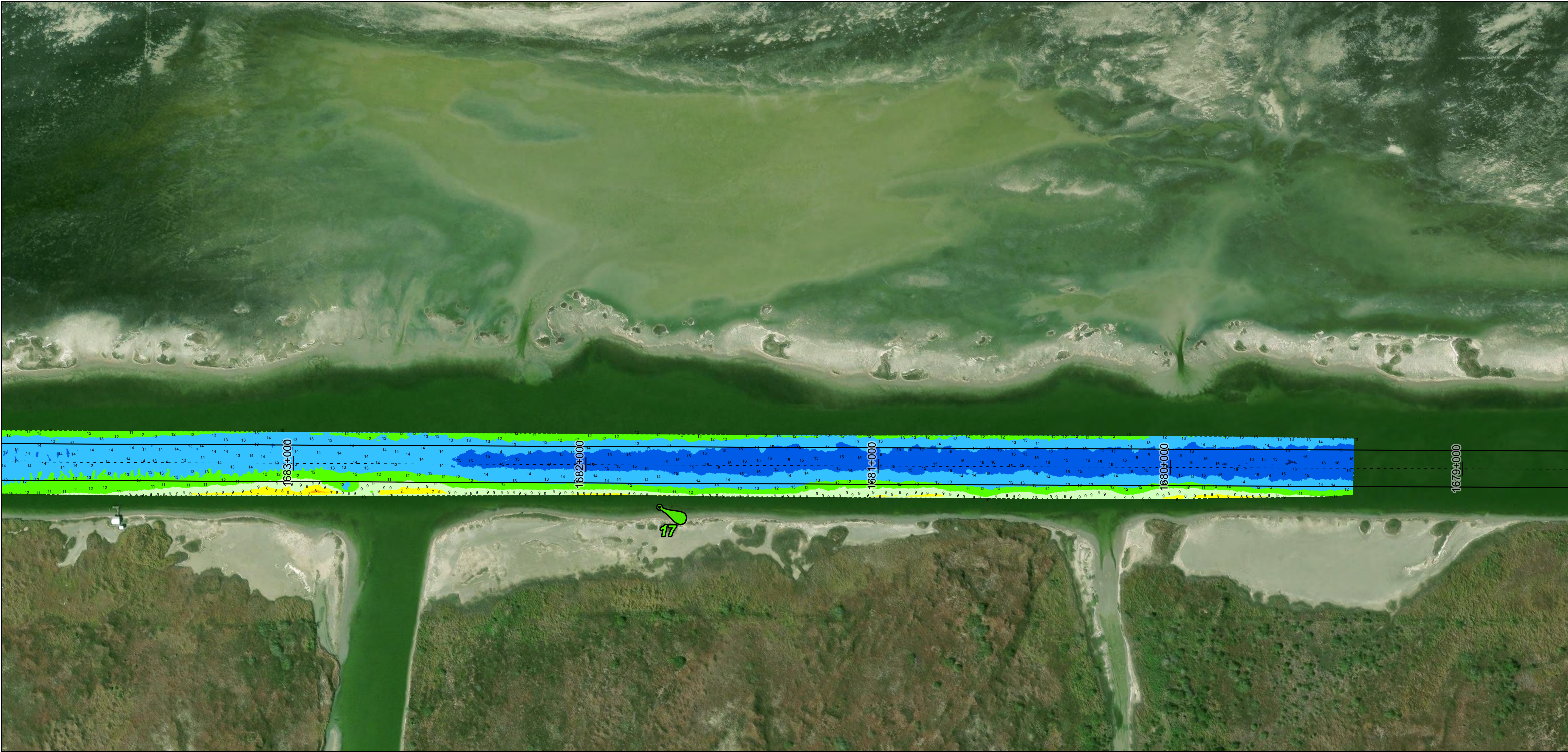
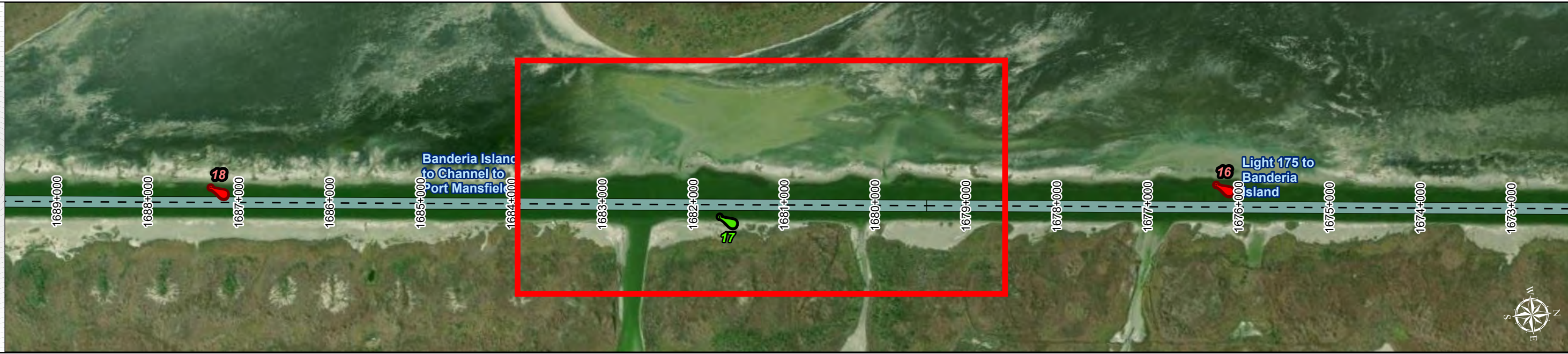
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



Regional Extent



Dredging Reach Extent



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

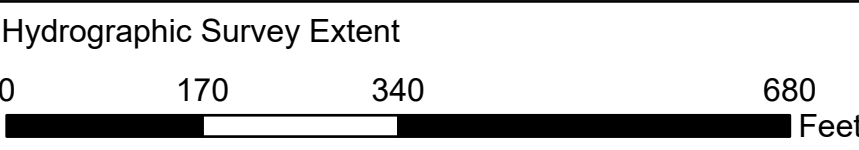
LWD



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 47CFR 110.1-41.02.  
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, 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:  
COMB\_SURV\_INFO\_HERE

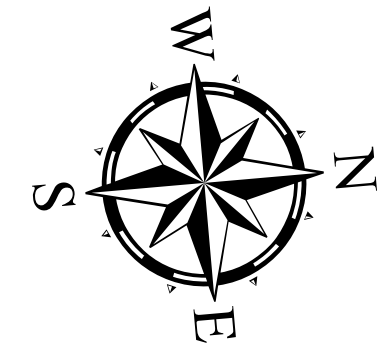
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic



HYDROGRAPHIC SURVEY

U.S. ARMY CORPS OF ENGINEERS  
GALVESTON, TEXAS

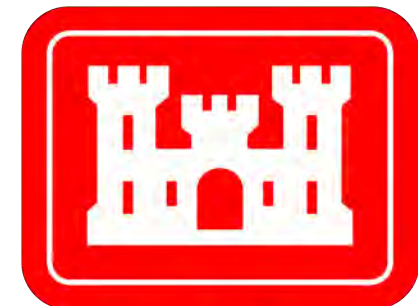
Station: 1679+500 to 1802+194.92  
GULF INTRACOASTAL WATERWAY  
Banderia Island to Channel to Port Mansfield



Latest Survey Collection Date: 12 May 2025	Authorized Depth: -13ft.
Document Page: 1 of 30	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: m3odnmhg	PDF Print Date: 5/13/2025
Additional Imagery info:	



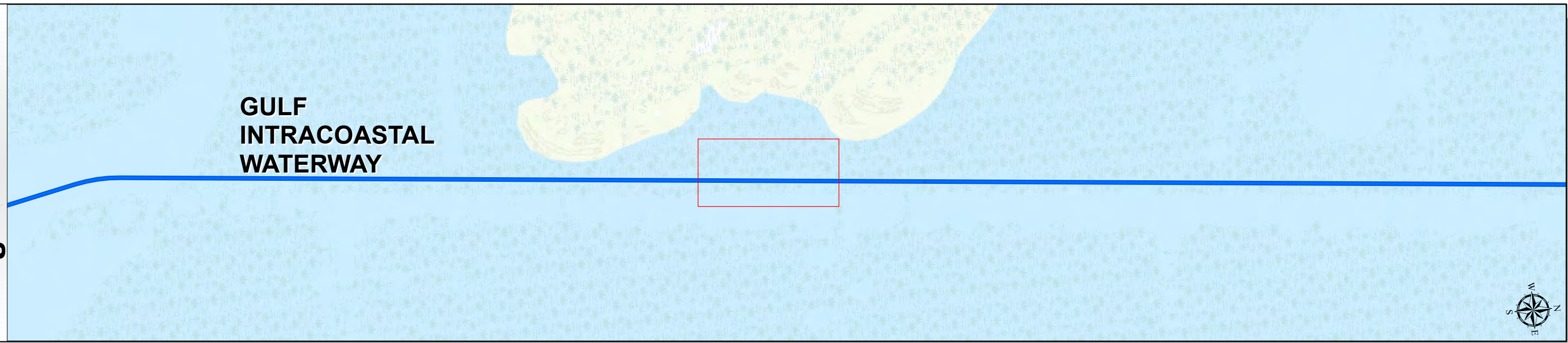
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



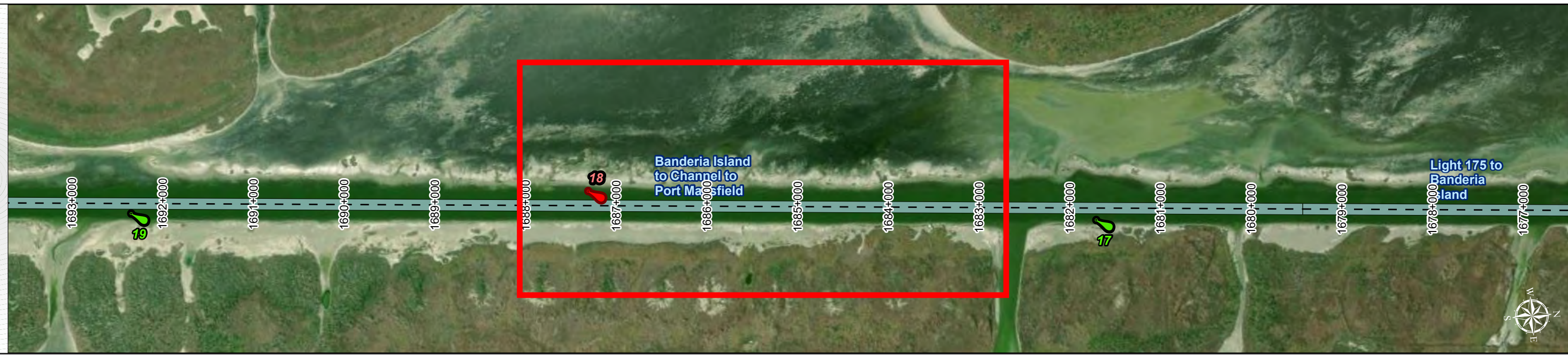
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

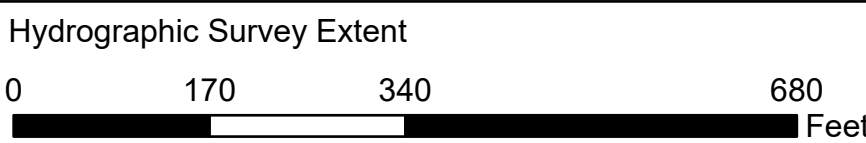
LWD



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 47CFR 110.1-41.02.  
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, METI/NASA, NOAA, EPA, USDA  
World Imagery: Maxar, Microsoft  
World Imagery: Maxar  
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:  
COMB\_SURV\_INFO\_HERE

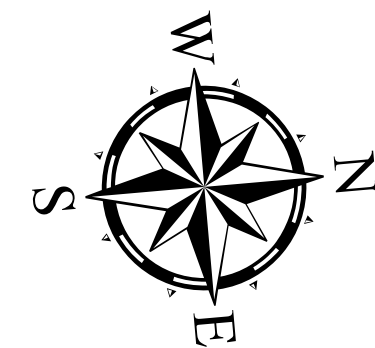
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic



**HYDROGRAPHIC SURVEY**

U.S. ARMY CORPS OF ENGINEERS  
GALVESTON, TEXAS

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



Latest Survey Collection Date: 12 May 2025  
Document Page: 2 of 30  
Scale: 1:2,000  
Mapped by: m3odnmh  
Additional Imagery info:

Authorized Depth: -13ft  
Width Range: 125ft to 125ft  
Side Slope Ratio: (Rise : Run)  
PDF Print Date: 5/13/2025

Website Index Number: 271  
Side Slope Ratio: (Rise : Run)  
PDF Print Date: 5/13/2025



# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers  
Galveston District

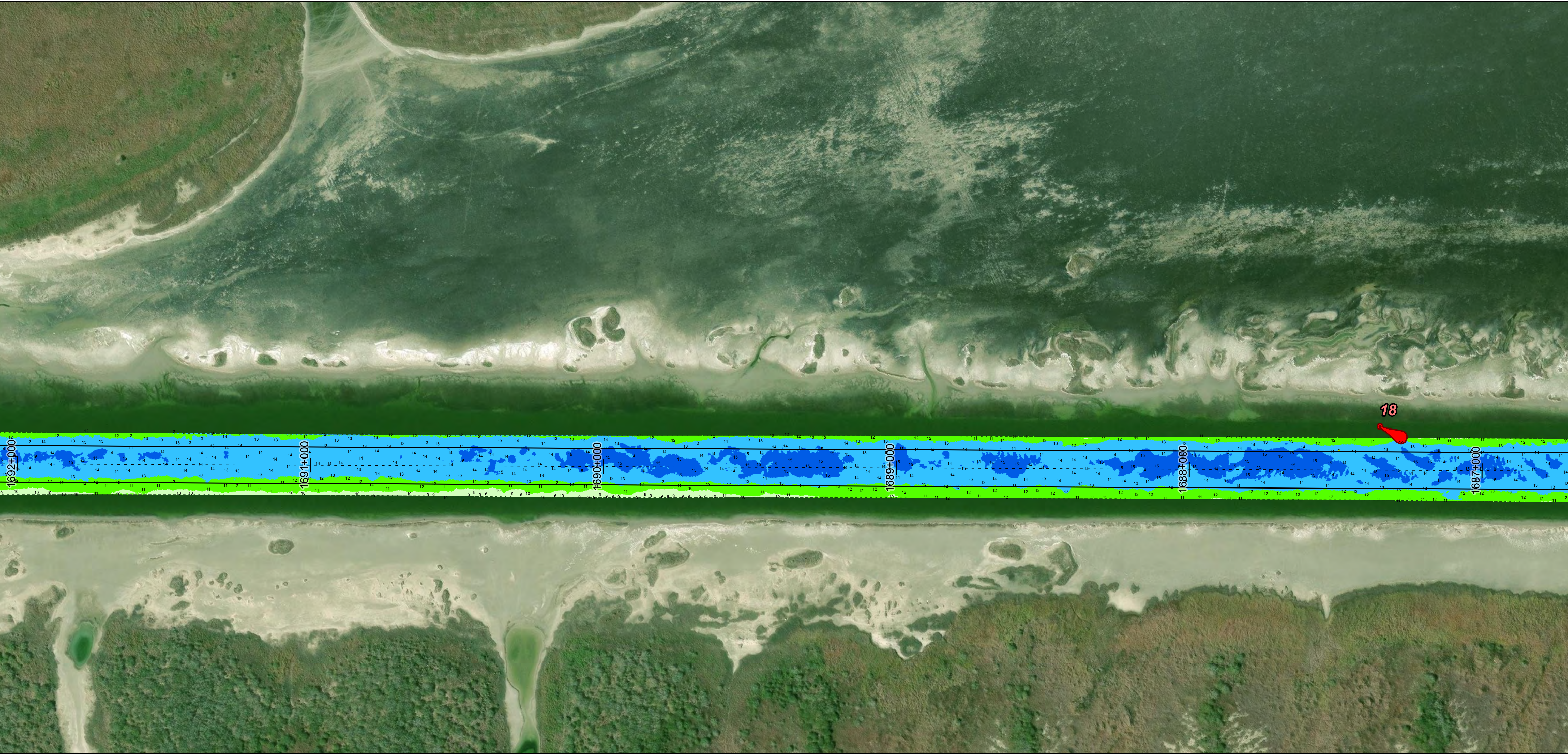


Regional Extent

GULF  
INTRACOASTAL  
WATERWAY

Dredging Reach Extent

18



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## LWD



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 er1110-1-8102.  
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, MET/NASA, NGA, EPA, USDA  
World Imagery: Maxar, Microsoft  
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 FIPS 4205 Feet  
Projection: Lambert Conformal Conic

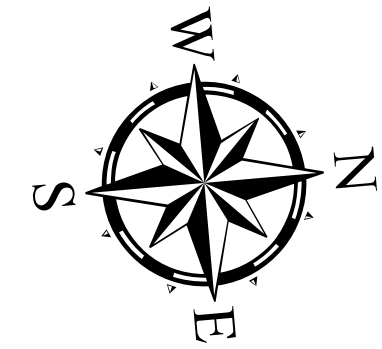
Dredging Reach Extent  
0 0.2 0.4 0.8 Miles

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



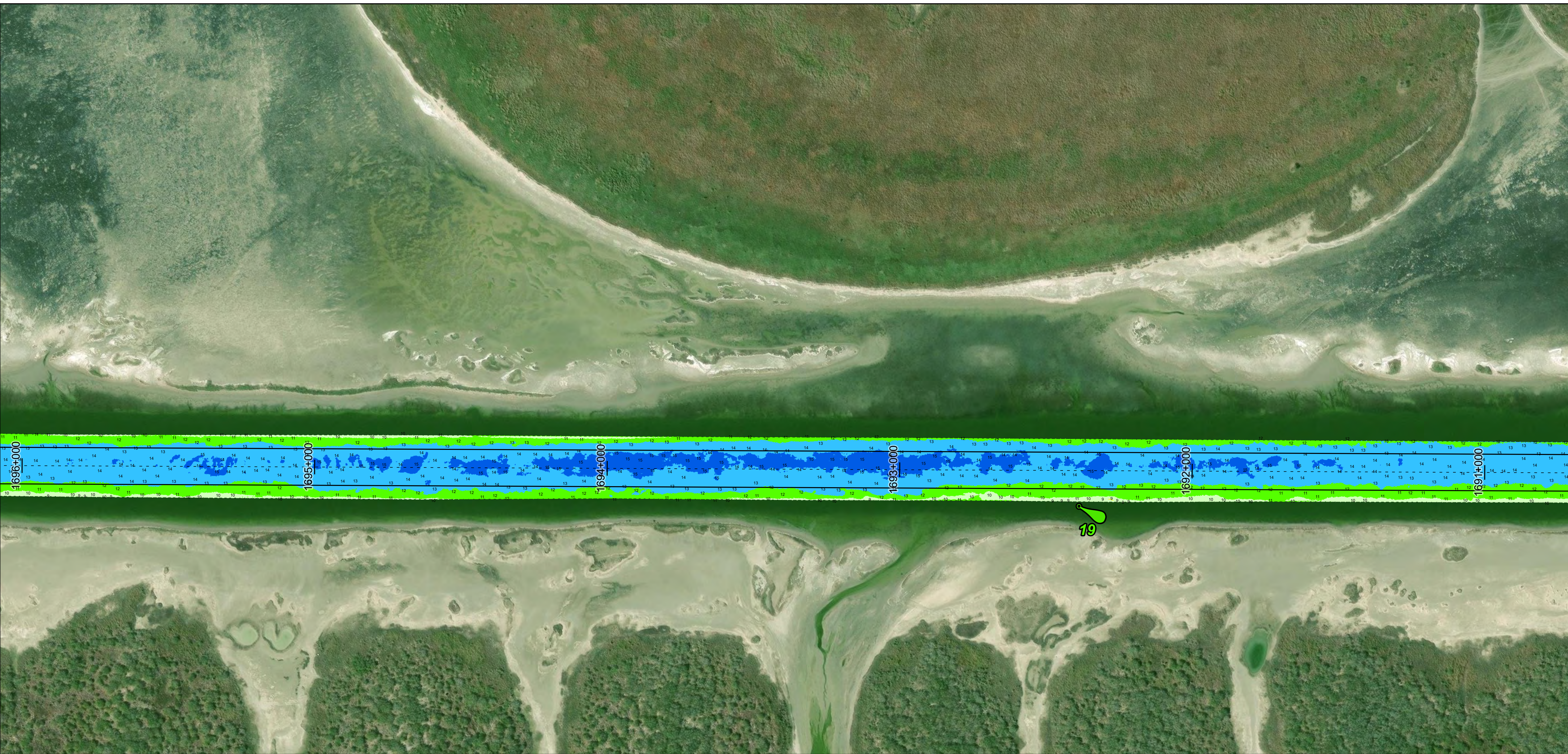
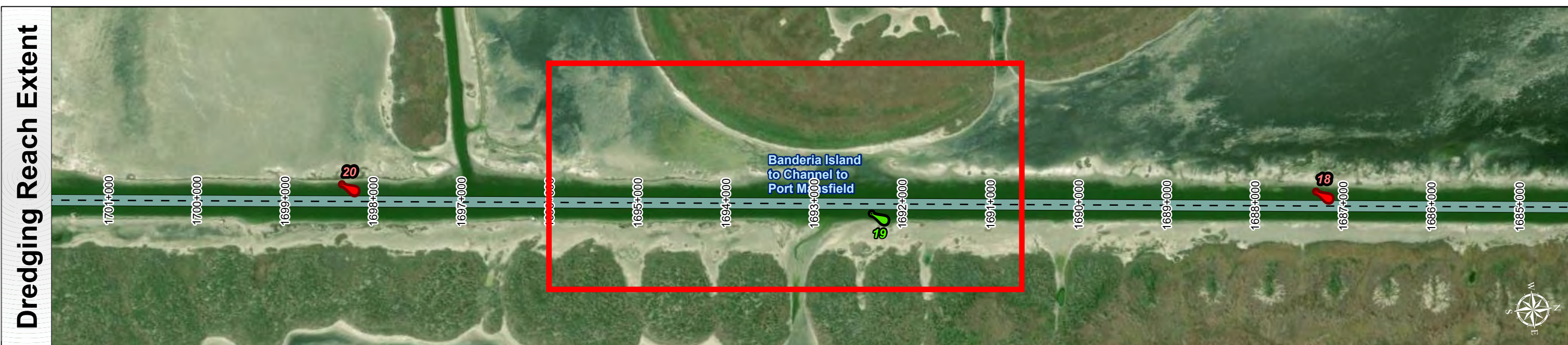
Latest Survey Collection Date: 12 May 2025  
Document Page: 3 of 30  
Scale: 1:2,000  
Mapped by: m3odnmhg  
Additional Imagery info:

Authorized Depth: -13ft.  
Width Range: 125ft to 125ft  
Side Slope Ratio: (Rise : Run)  
PDF Print Date: 5/13/2025

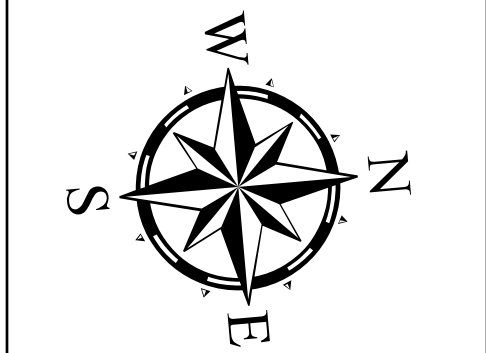
Website Index Number: 272



## Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



Latest Survey Collection Date: 12 May 2025	Authorized Depth: ~13ft.
Document Page: 4 of 30	Width Range: 125ft to 125ft
Website Index Number: 273	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 5/13/2025
Mapped by: m3odnmhng	
Additional Imagery info:	



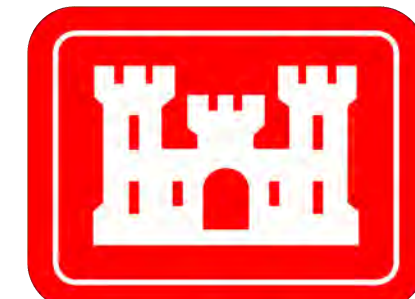
**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

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

<b>Channel Features</b>	<b>Aids to Navigation</b>	<div>LWD</div> <div><div>0 - 3</div><div>3 - 5</div><div>5 - 7</div><div>7 - 9</div><div>9 - 11</div><div>11 - 13</div><div>13 - 15</div><div>15 - 17</div><div>&lt; 17</div></div>	<div>NOTES:</div> <div>1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.</div> <div>2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.</div> <div>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 ar1110-1-8152.</div> <div>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 209.125.</div> <div>5. For the most up to date information please check our website at: <a href="http://www.saw.usace.army.mil/Missions/Navigation/Hydrographic/Surveys/">http://www.saw.usace.army.mil/Missions/Navigation/Hydrographic/Surveys/</a></div> <div>Service Layer Credits: World Topographic Map: Texas Parks &amp; Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA</div> <div>World Imagery: Maxar, Microsoft</div> <div>World Imagery: Maxar</div> <div>World Ocean Base: Esri, GEBCO, Garmin, NaturalVue</div>	<div>Additional Combined Survey Dates and Stationing:</div> <div>COMB_SURV_INFO_HERE</div>	<div>Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet</div> <div>Projection: Lambert Conformal Conic</div>	
- - - Channel Center Line	<div><div></div>Green Side Aids</div>					<div>Dredging Reach Extent</div>
— Channel Toe	<div><div></div>Red Side Aids</div>					<div><div>00.20.40.8</div>Miles</div>
↔ Channel Dimensions	<div><div></div>Lights</div>					<div>Hydrographic Survey Extent</div>
						<div><div>0170340680</div>Feet</div>



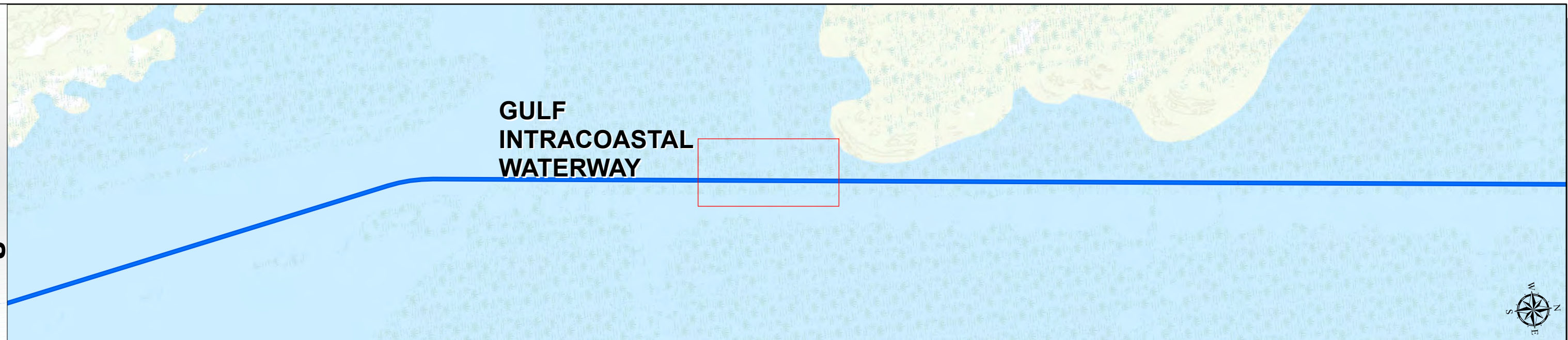
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## LWD



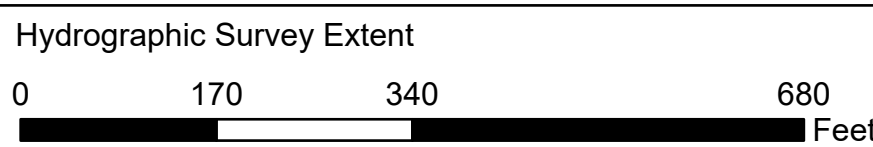
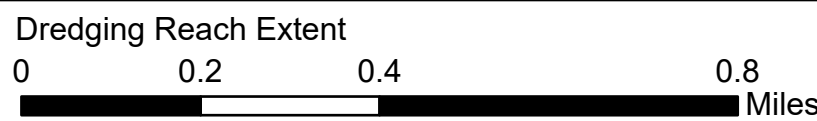
## NOTES:

- 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 er1110-1-8102.
  - 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, NOAA, EPA, USDA  
World Imagery: Maxar, Microsoft  
World Imagery: Maxar  
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

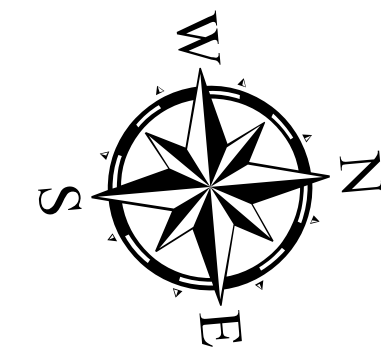
## Additional Combined Survey Dates and Stationing:

COMB\_SURV\_INFO\_HERE

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



Latest Survey Collection Date: 12 May 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 5 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 5/13/2025
Mapped by: m3odnmh	
Additional Imagery info:	



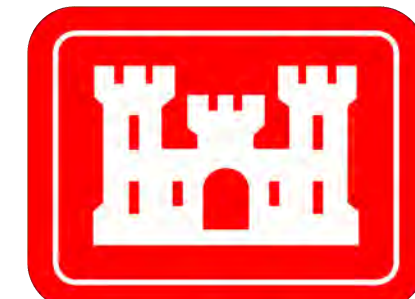
## HYDROGRAPHIC SURVEY

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

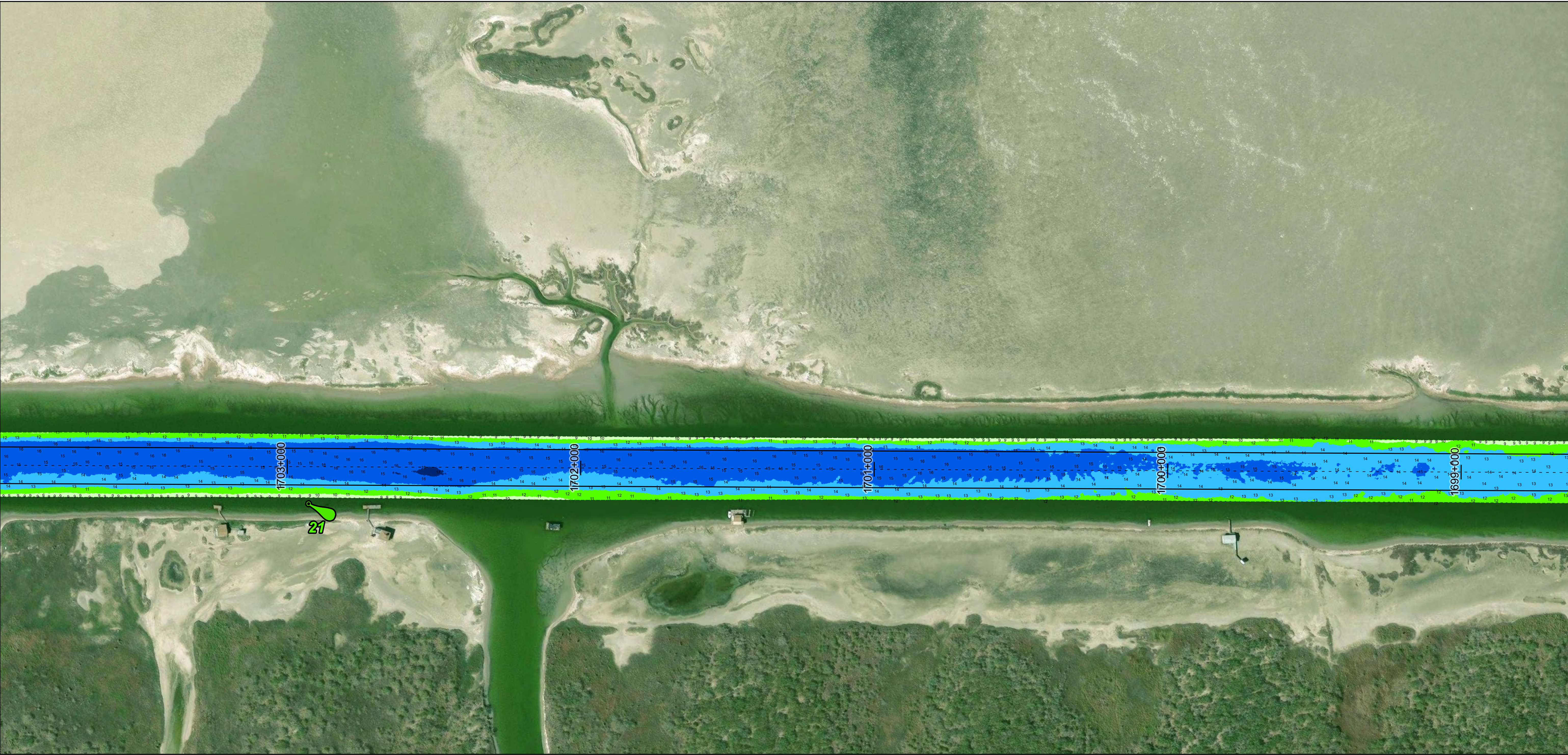
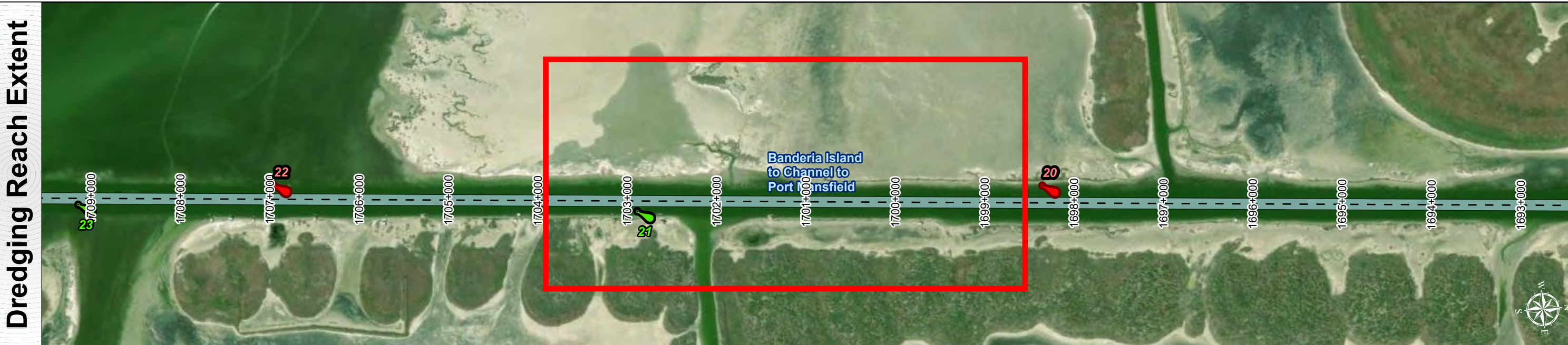
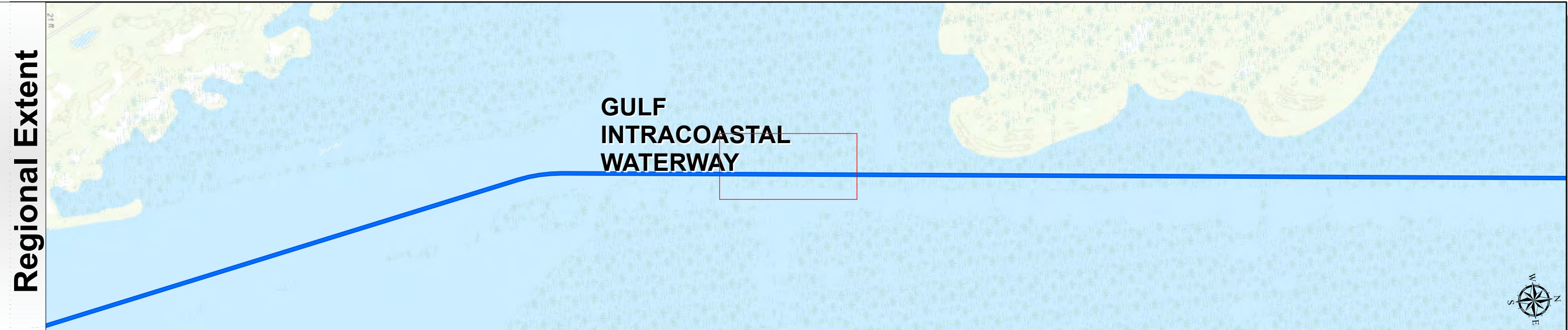
Station: 1679+500 to 1802+194.92  
GULF INTRACOASTAL WATERWAY  
Banderia Island to Channel to Port Mansfield



# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers  
Galveston District



**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:  
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 (MLW) 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 47CFR 110.1-41.02.  
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 200.325  
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, METI/NASA, NOAA, EPA, USA, World Imagery: Maxar, Microsoft, World Imagery: Maxar, World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

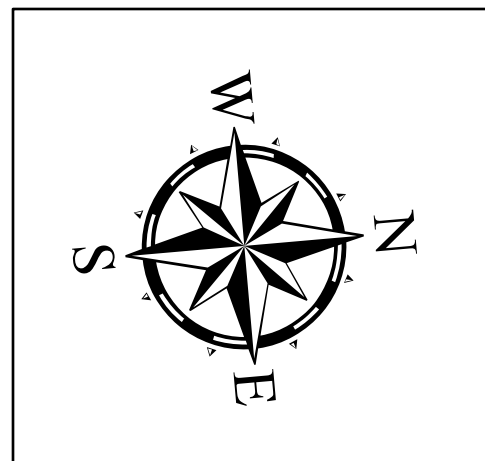
Additional Combined Survey Dates and Stationing:  
COMB\_SURV\_INFO\_HERE

Coordinate System: NAD 1983 StatePlane Texas South 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

Latest Survey Collection Date: 12 May 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 6 of 30	Website Index Number: 275
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: m3odnmh	PDF Print Date: 5/13/2025
Additional Imagery info:	

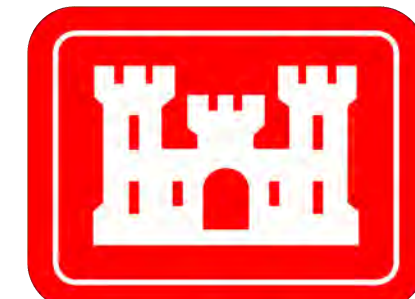


**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

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



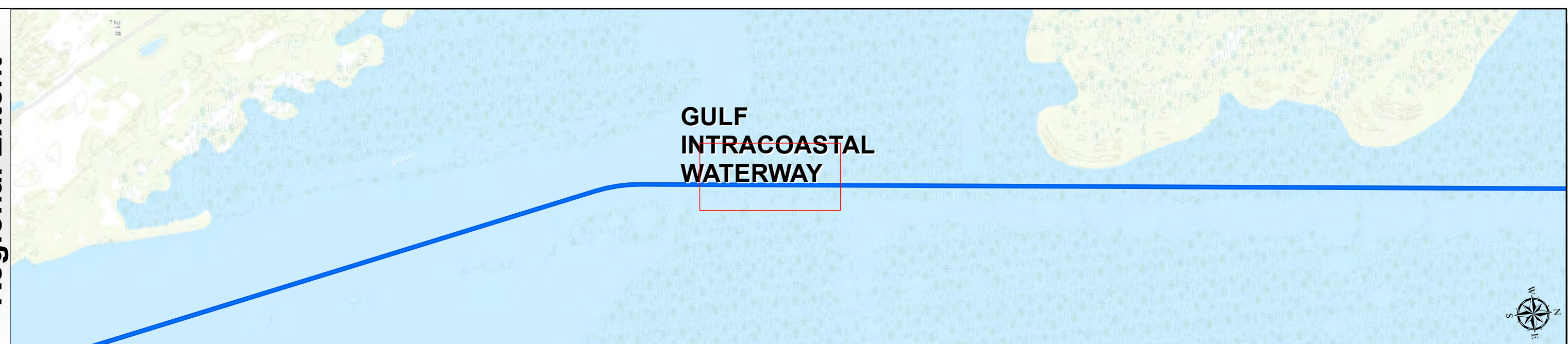
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



**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
Dark Blue	Blue	Light Blue	Green	Yellow	Orange	Red	Dark Red	Black

**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 er1110-1-8102.
- 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 or 200.325
- 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:**

COMB\_SURV\_INFO\_HERE

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

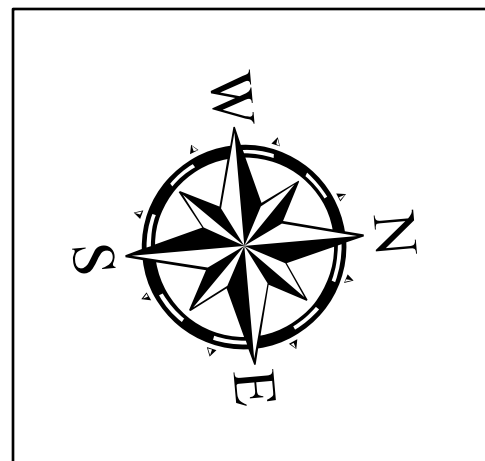
**Dredging Reach Extent**

0 0.2 0.4 0.8 Miles

**Hydrographic Survey Extent**

0 170 340 680 Feet

Latest Survey Collection Date: 12 May 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 7 of 30	Side Slope Ratio: (Rise : Run)
Website Index Number: 276	PDF Print Date: 5/13/2025
Scale: 1:2,000	
Mapped by: m3odnmhg	
Additional Imagery info:	



**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



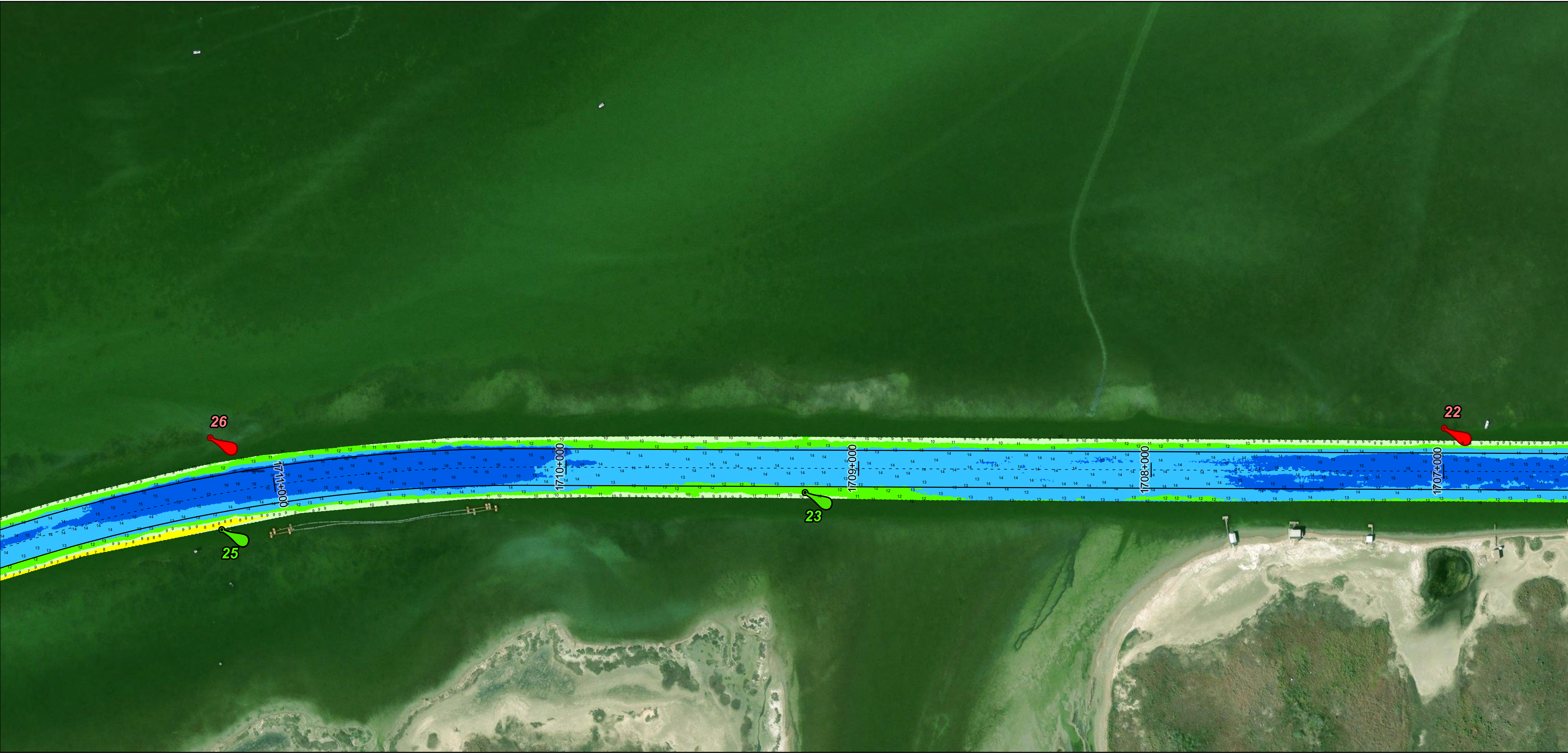
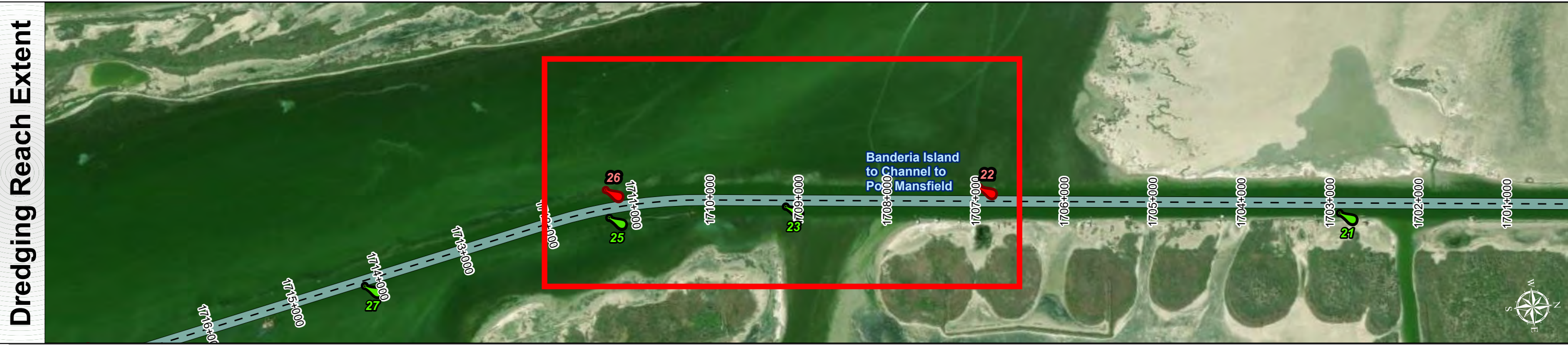
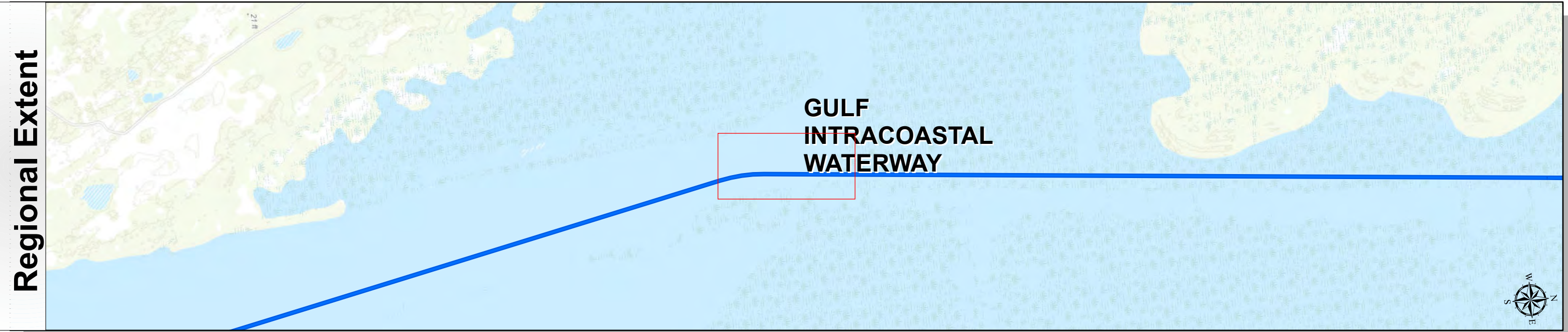
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers  
Galveston District



T E X A S



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
Dark Blue	Red	Orange	Yellow	Light Green	Green	Light Blue	Blue	Dark Blue

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 er1110-1-8102.
- 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:

COMB\_SURV\_INFO\_HERE

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

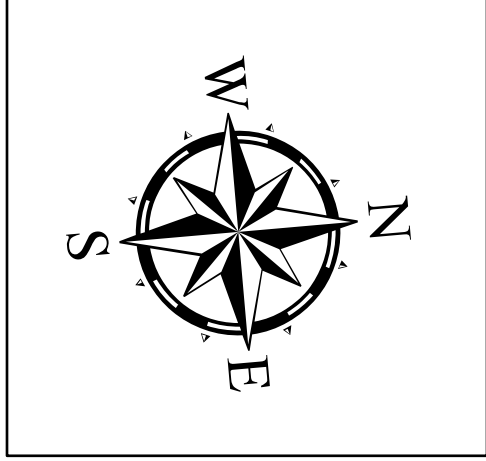
Dredging Reach Extent

0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent

0 170 340 680 Feet

Latest Survey Collection Date: 12 May 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 8 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 5/13/2025
Mapped by: m3odnmhg	
Additional Imagery info:	

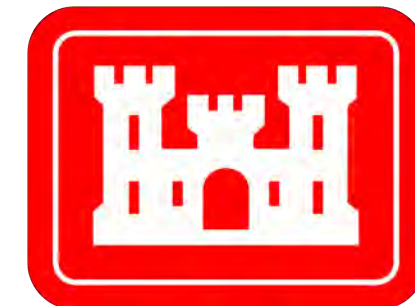


**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

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



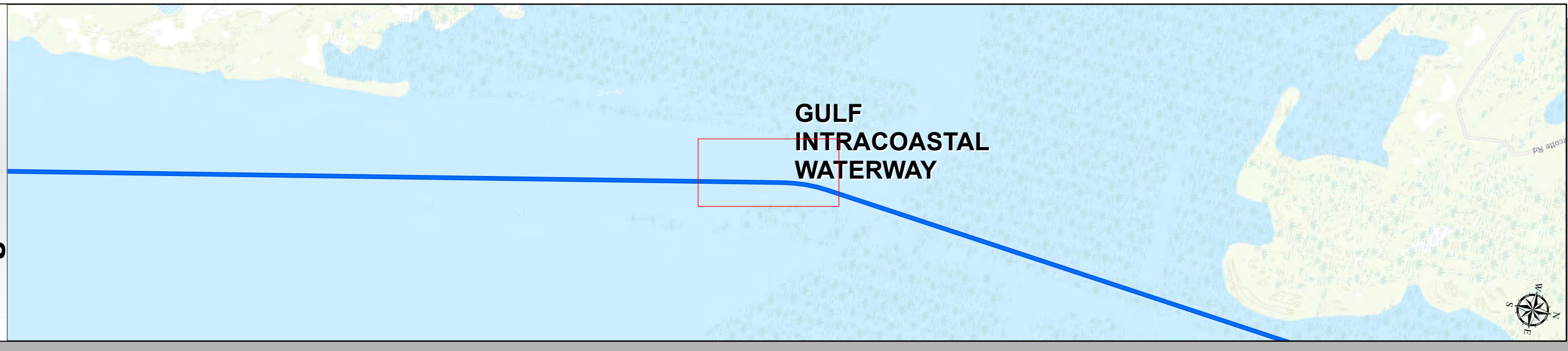
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



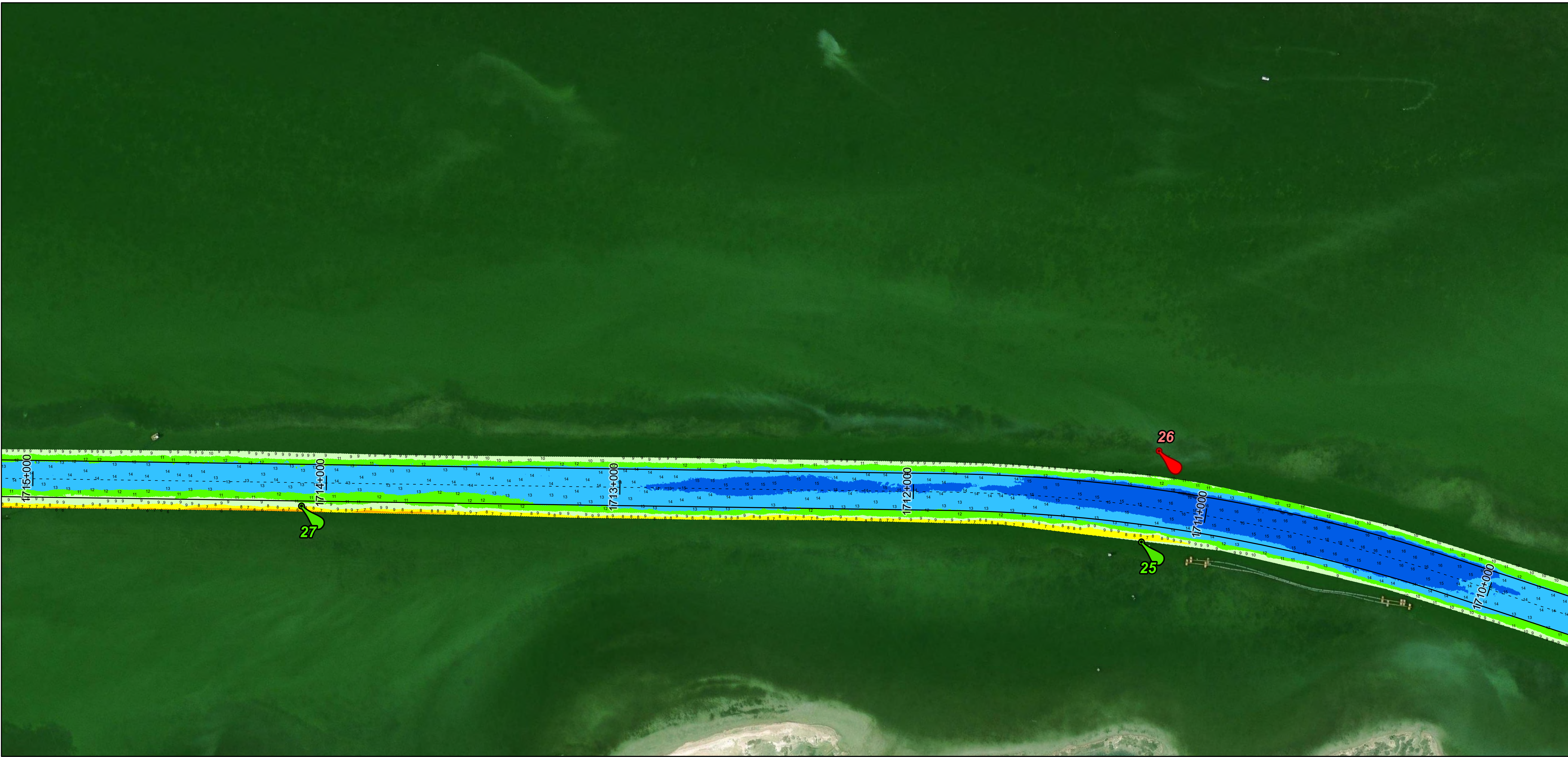
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



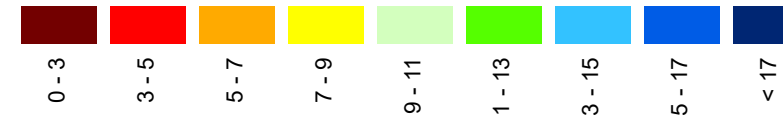
Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

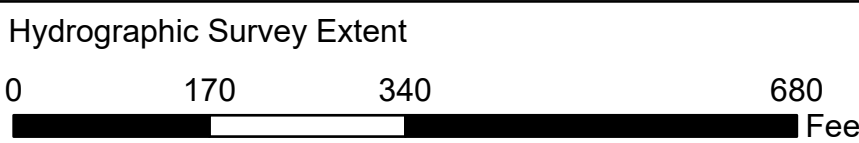
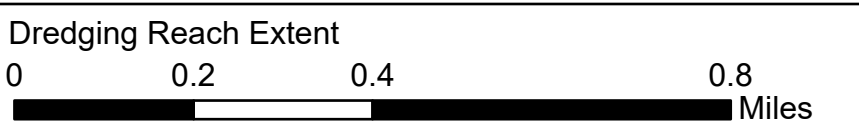
LWD



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 47CFR 110.1-41.02.  
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

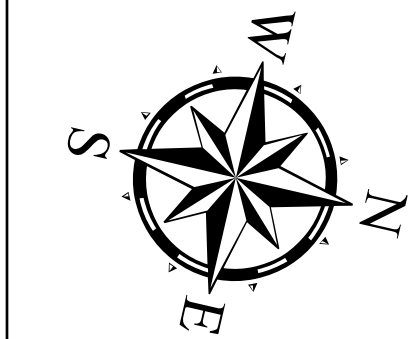
Additional Combined Survey Dates and Stationing:  
COMB\_SURV\_INFO\_HERE

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



**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

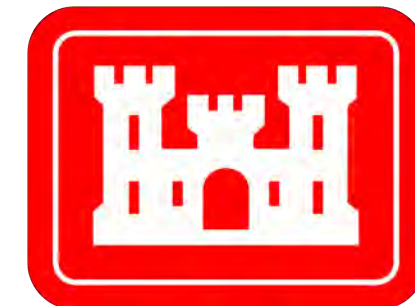


Latest Survey Collection Date: 12 May 2025  
Document Page: 9 of 30  
Scale: 1:2,000  
Mapped by: m3odnmhg  
Additional Imagery info:

Authorized Depth: -13ft  
Width Range: 125ft to 125ft  
Side Slope Ratio: (Rise : Run)  
PDF Print Date: 5/13/2025



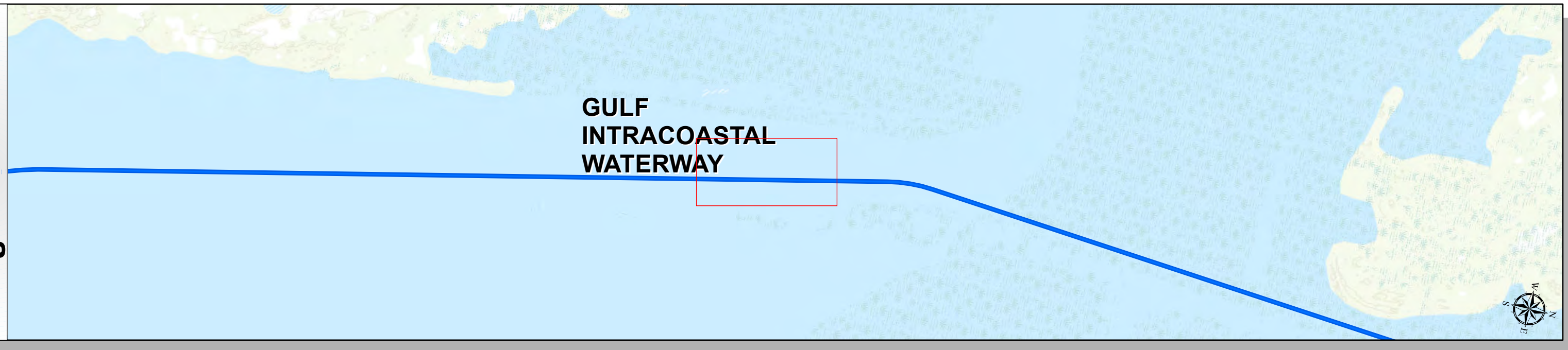
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



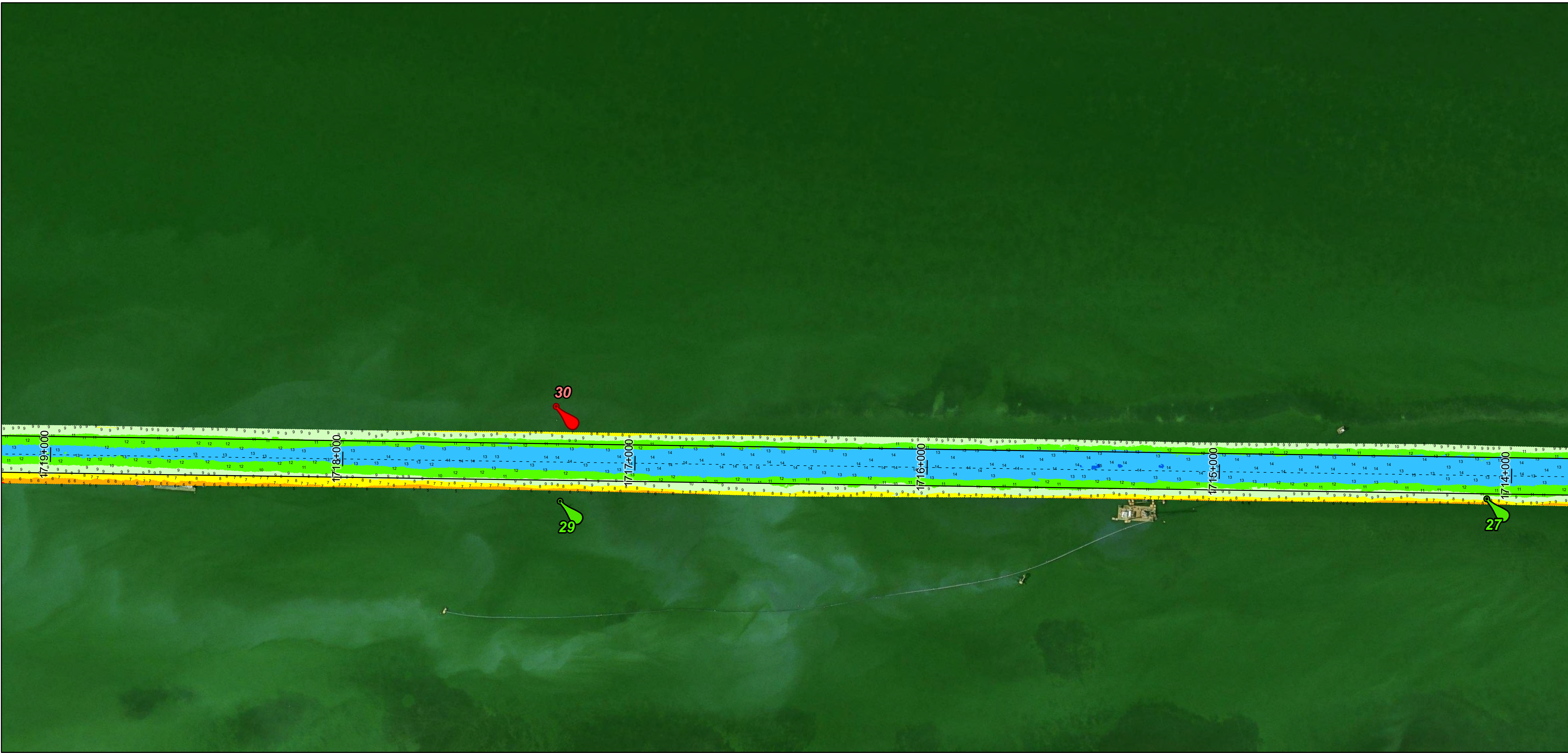
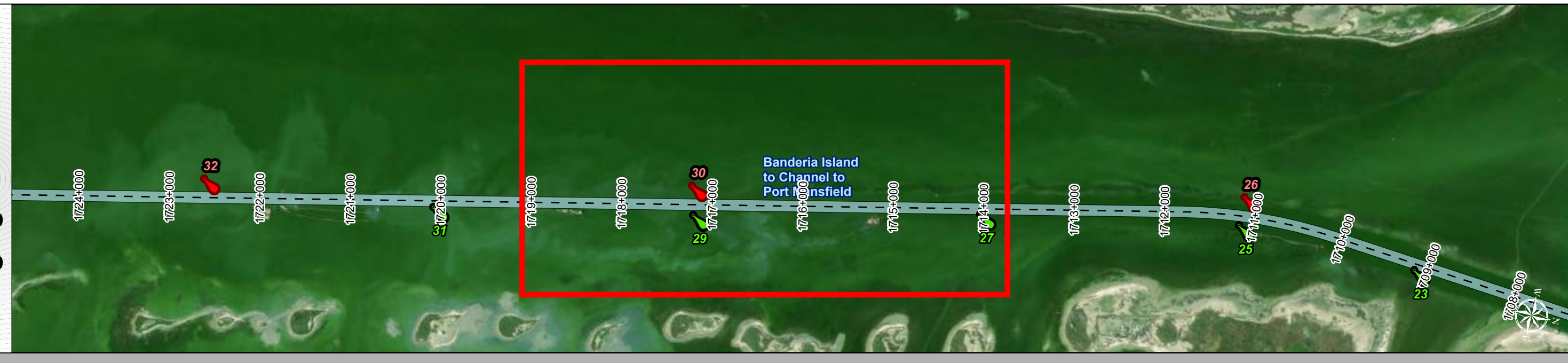
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



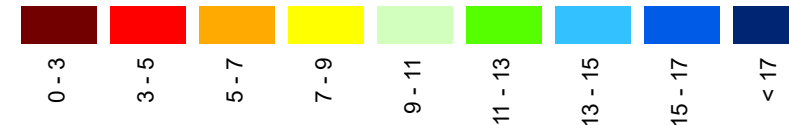
## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

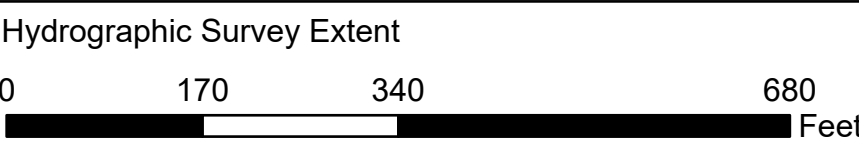
## LWD



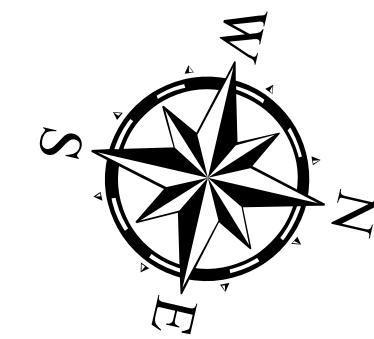
NOTES:  
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.  
2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.  
3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by er1110-1-8102.  
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, 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:  
COMB\_SURV\_INFO\_HERE

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



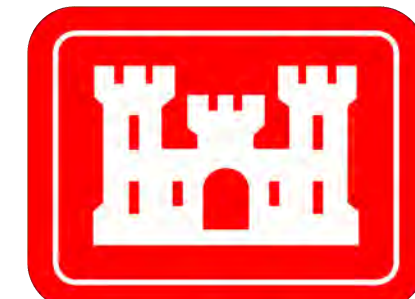
Latest Survey Collection Date: 12 May 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 10 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 5/13/2025
Mapped by: m3odnmhg	
Additional Imagery info:	



**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



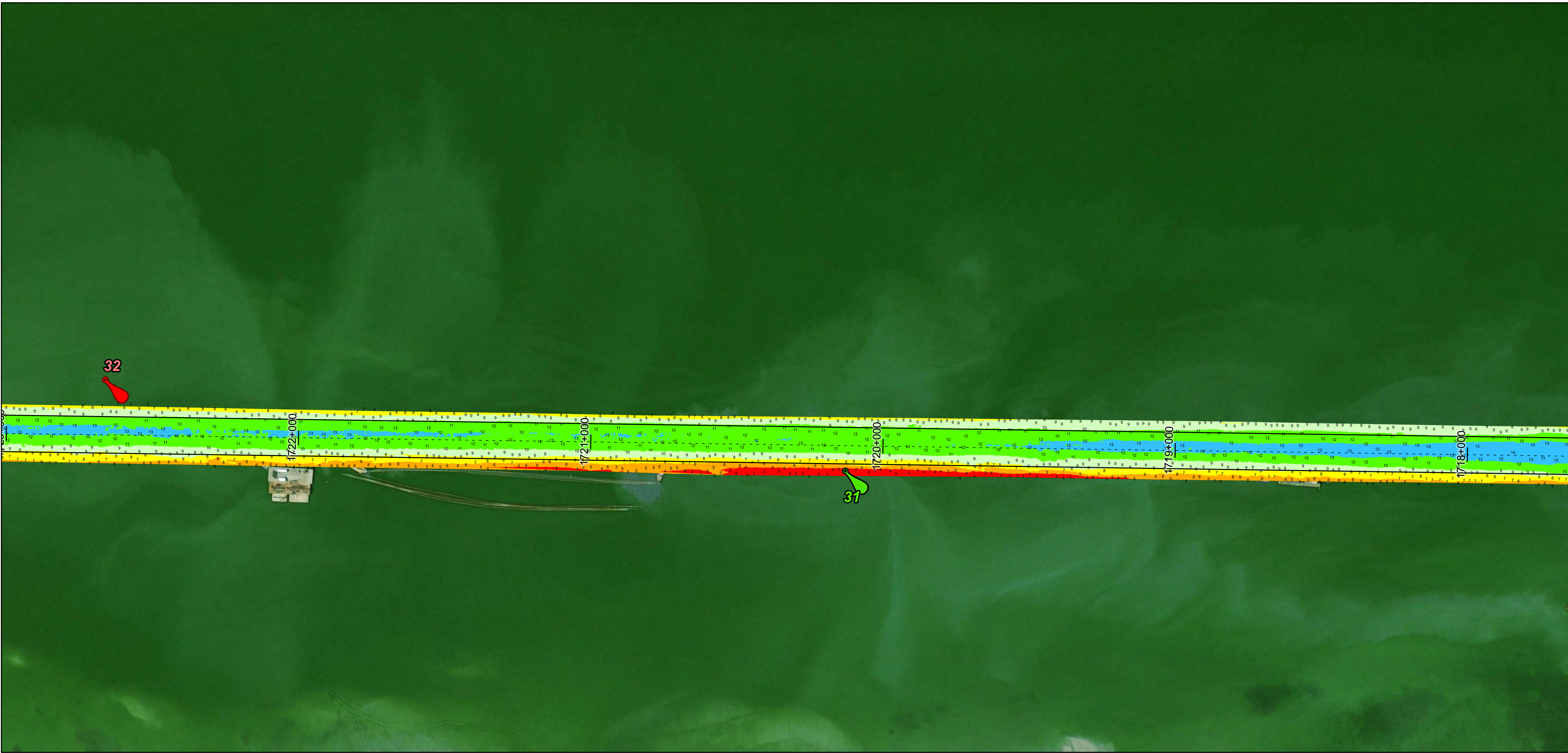
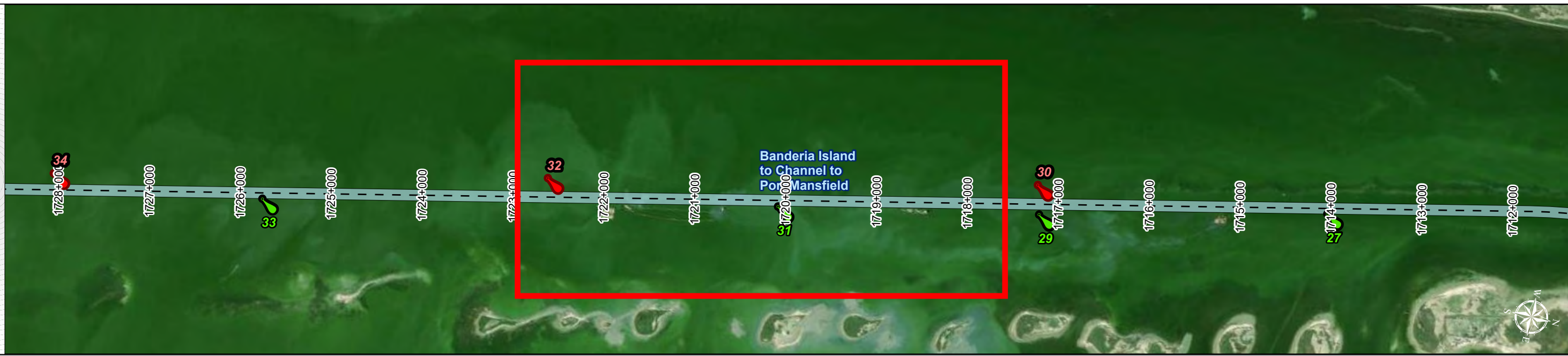
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



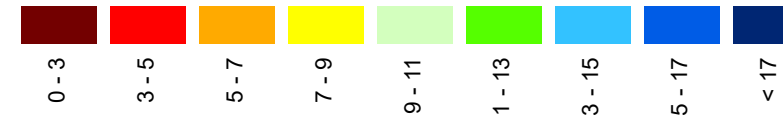
Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

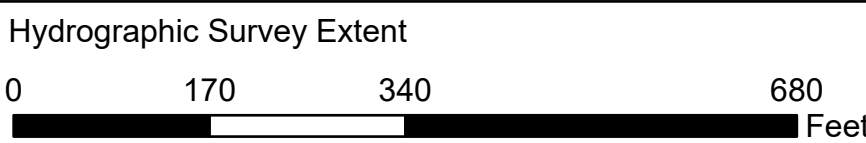
LWD



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 of individuals appear on these project documents within the scope of their employment as required by 47CFR 110.1-41.02.  
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, MET/NASA, NGA, EPA, USDA  
World Imagery: Maxar, Microsoft  
World Imagery: Maxar  
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

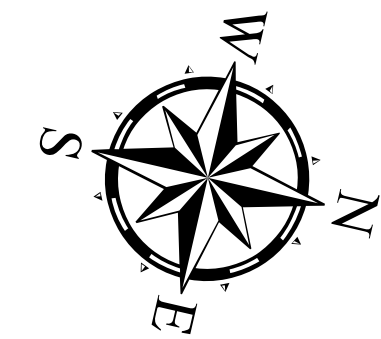
Additional Combined Survey Dates and Stationing:  
COMB\_SURV\_INFO\_HERE

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



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

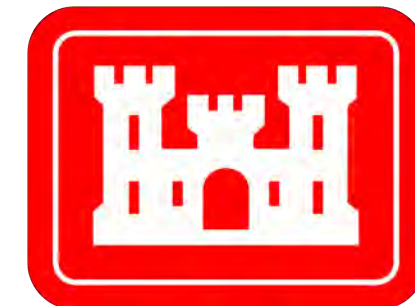


Latest Survey Collection Date: 12 May 2025  
Document Page: 11 of 30  
Scale: 1:2,000  
Mapped by: m3odnmhg  
Additional Imagery info:

Authorized Depth: -13ft.  
Width Range: 125ft to 125ft  
Side Slope Ratio: (Rise : Run)  
PDF Print Date: 5/13/2025



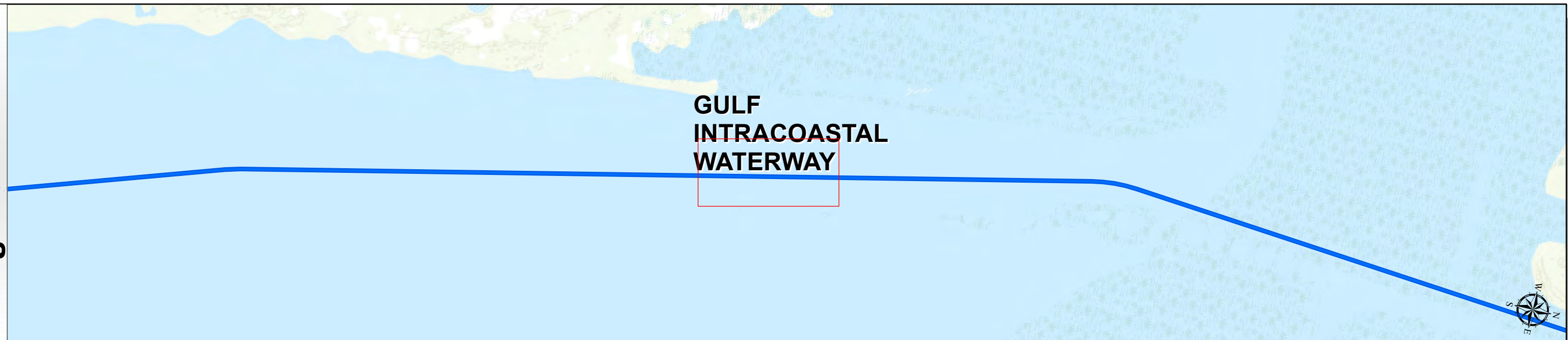
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



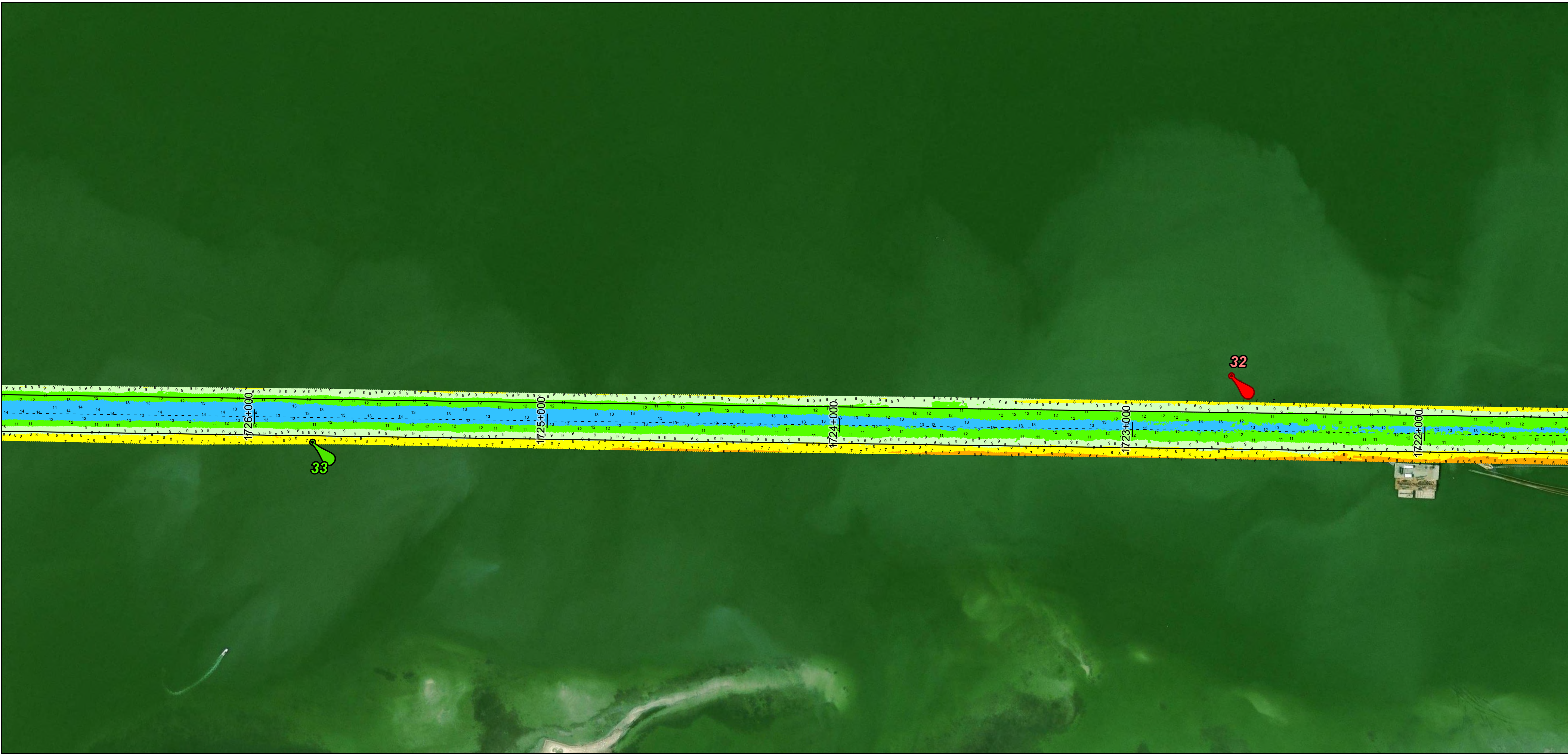
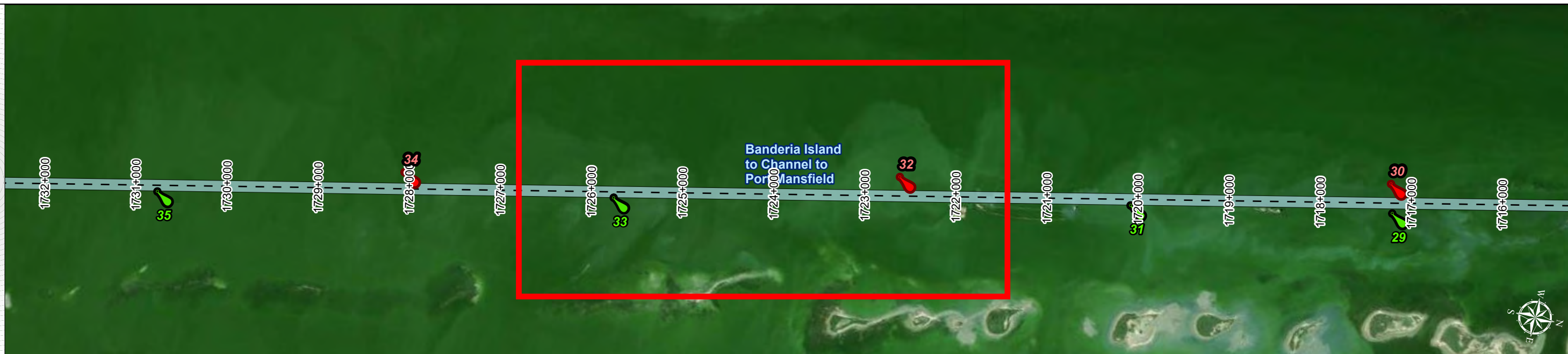
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

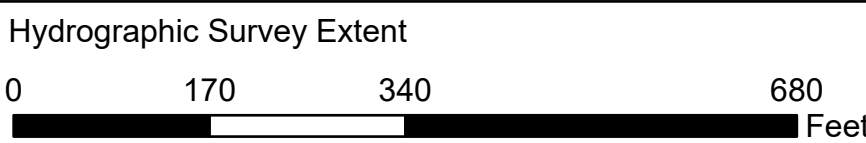
## LWD



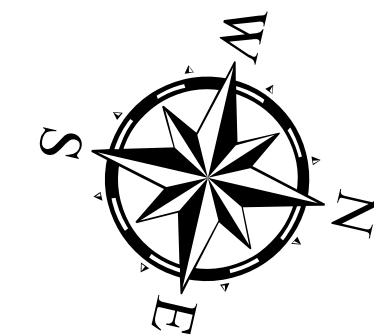
NOTES:  
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.  
2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.  
3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by er1110-1-8102.  
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, 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:  
COMB\_SURV\_INFO\_HERE

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



Latest Survey Collection Date: 12 May 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 12 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 5/13/2025
Mapped by: m3odnmhg	
Additional Imagery info:	



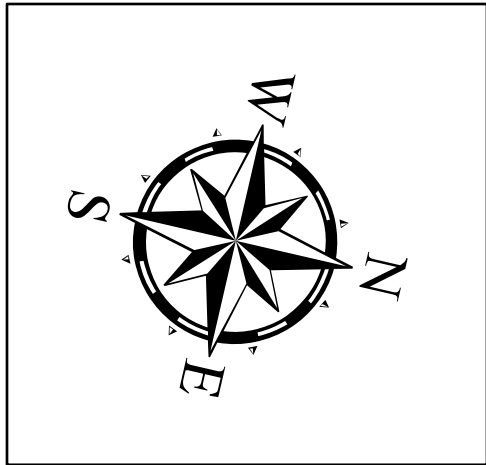
**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS  
**Station: 1679+500 to 1802+194.92**  
**GULF INTRACOASTAL WATERWAY**  
Banderia Island to Channel to Port Mansfield



## Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield

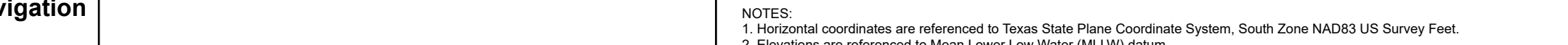


Latest Survey Collection Date: 12 May 2025		Authorized Depth: ~13ft.
Document Page: 13 of 30	Website Index Number: 282	Width Range: 125ft to 125ft
Scale: 1:2,000		Side Slope Ratio: (Rise : Run)
Mapped by: m3odnmh		PDF Print Date: 5/13/2025
Additional Imagery info:		



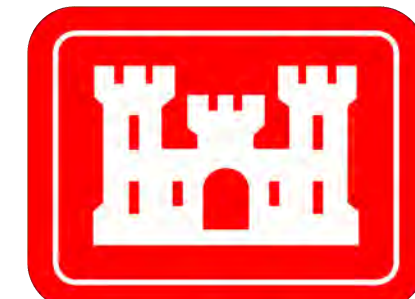
**HYDROGRAPHIC SURVEY**  
U.S. MARINE ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

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

<b>Channel Features</b>	<b>Aids to Navigation</b>		<p>NOTES:</p> <ol style="list-style-type: none"><li>1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.</li><li>2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.</li><li>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 ar1110-1-8152.</li></ol> <p>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 209.125</p> <p>6. For the most up to date information please check our website at: <a href="http://www.saw.usace.army.mil/Missions/Navigation/Hydrographic/Surveys/">http://www.saw.usace.army.mil/Missions/Navigation/Hydrographic/Surveys/</a></p> <p>Service Layer Credits: World Topographic Map: Texas Parks &amp; 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</p>	<b>Additional Combined Survey Dates and Stationing:</b>  COMB_SURV_INFO_HERE	<p>Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic</p> <p><b>Dredging Reach Extent</b></p> <p>0 0.2 0.4 0.8 Miles</p> <p><b>Hydrographic Survey Extent</b></p> <p>0 170 340 680 Feet</p>
-------------------------	---------------------------	--	---	--	--



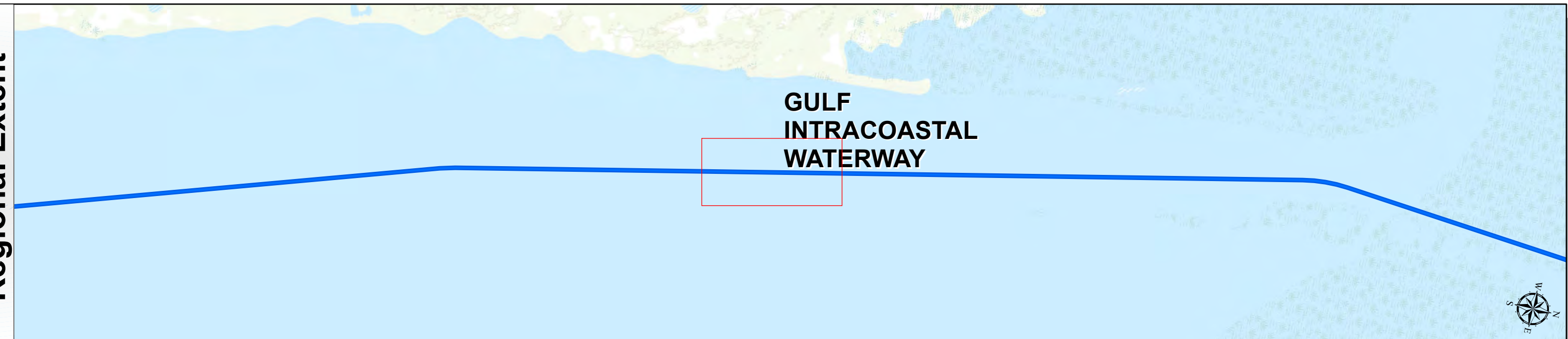
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



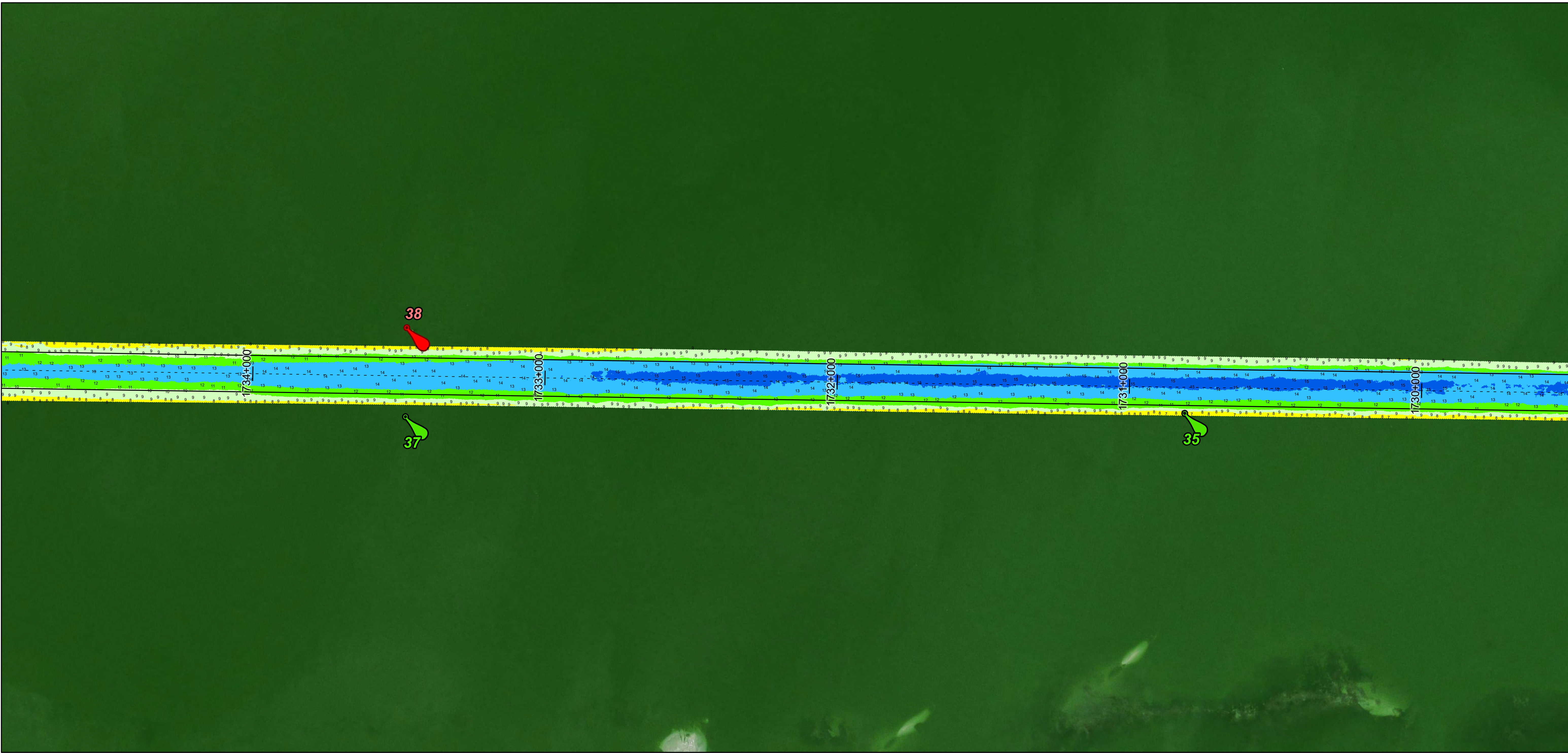
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## LWD

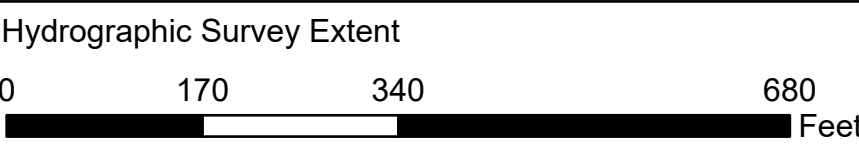
- 0 - 3
- 3 - 5
- 5 - 7
- 7 - 9
- 9 - 11
- 11 - 13
- 13 - 15
- 15 - 17
- < 17

## 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.
  - 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 er1110-1-8102.
  - 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:  
COMB\_SURV\_INFO\_HERE

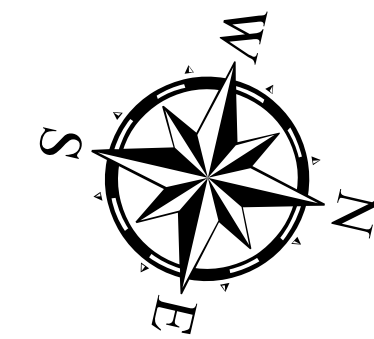
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic



## 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



Latest Survey Collection Date: 12 May 2025

Document Page: 14 of 30

Website Index Number: 283

Scale: 1:2,000

Mapped by: m3odnmhg

Additional Imagery info:

Authorized Depth: -13ft.

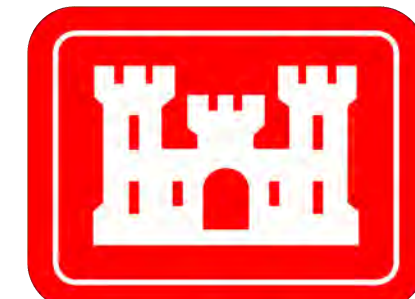
Width Range: 125ft to 125ft

Side Slope Ratio: (Rise : Run)

PDF Print Date: 5/13/2025



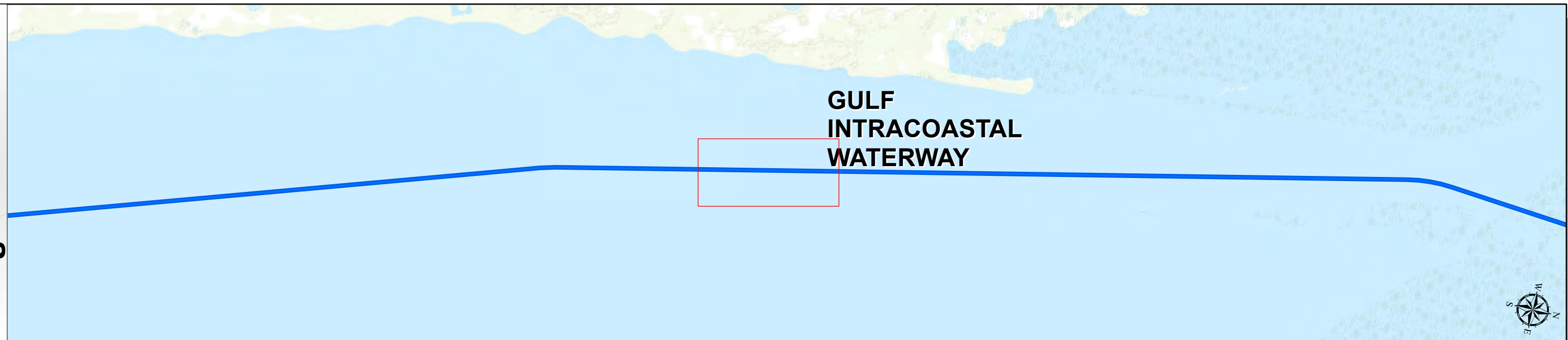
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



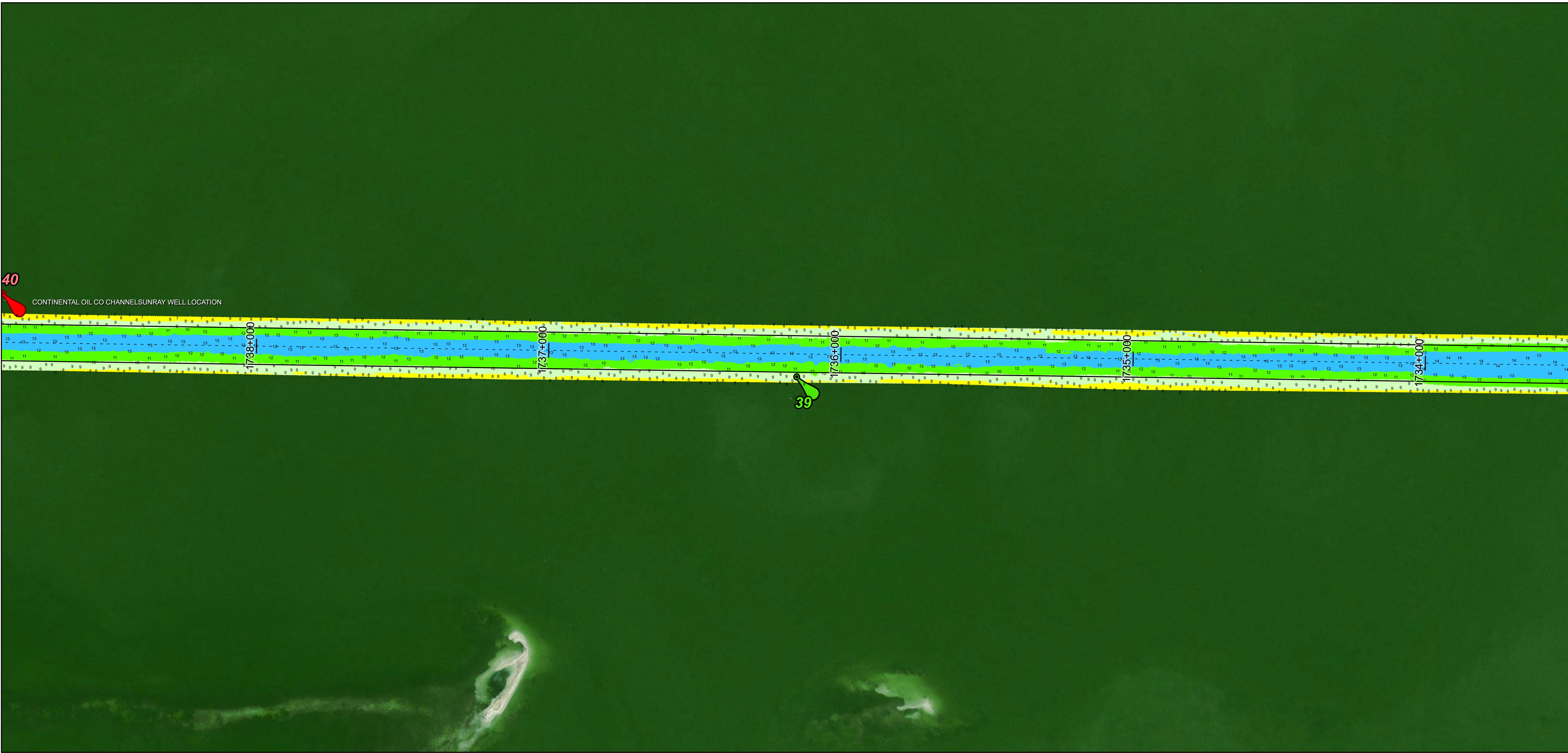
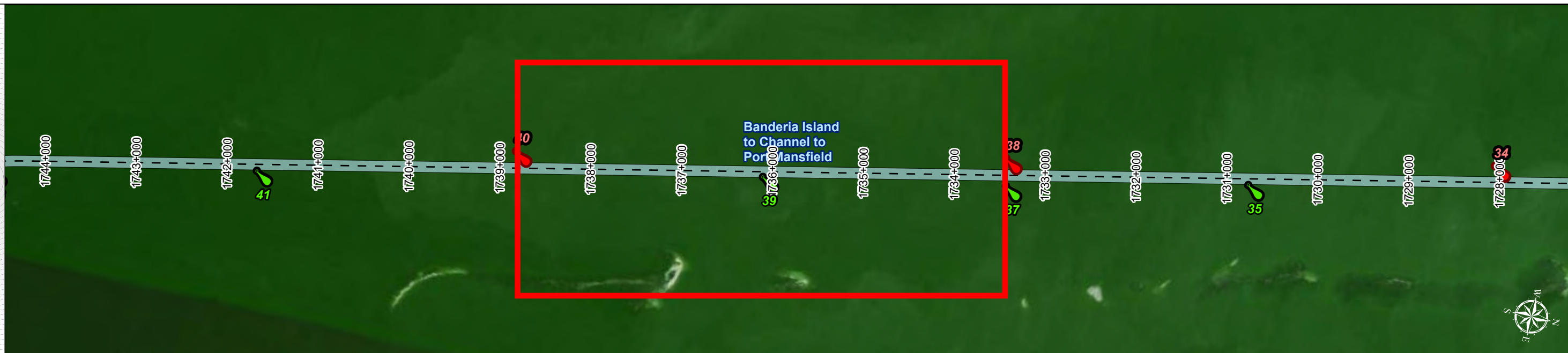
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



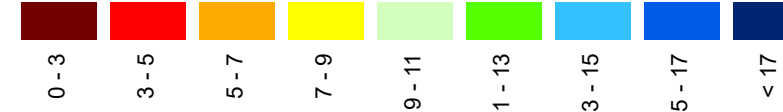
## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## LWD



## 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 er1110-1-6102.
  - 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

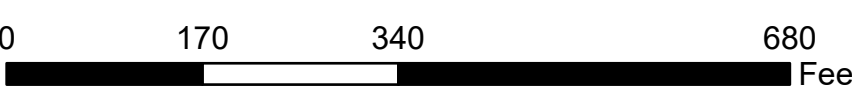
Additional Combined Survey Dates and Stationing:  
COMB\_SURV\_INFO\_HERE

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

## Dredging Reach Extent



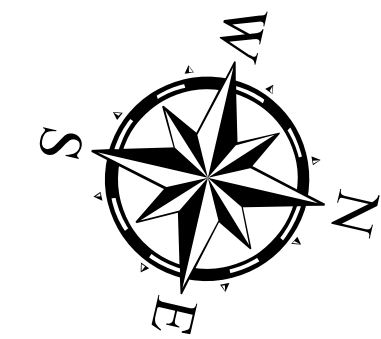
## Hydrographic Survey Extent



## 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



Latest Survey Collection Date: 12 May 2025

Document Page: 15 of 30

Website Index Number: 284

Scale: 1:2,000

Mapped by: m3odnmhg

Additional Imagery info:

Authorized Depth: -13ft.

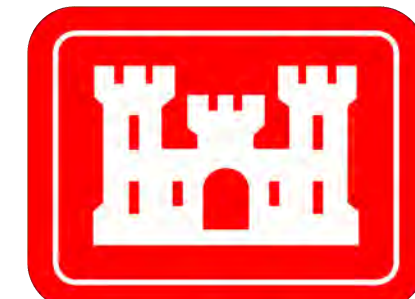
Width Range: 125ft to 125ft

Side Slope Ratio: (Rise : Run)

PDF Print Date: 5/13/2025



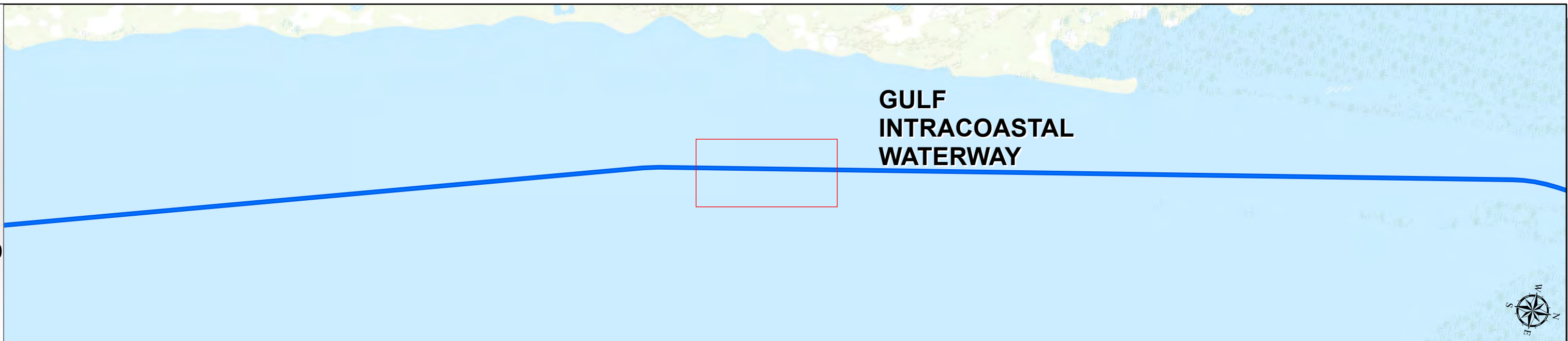
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



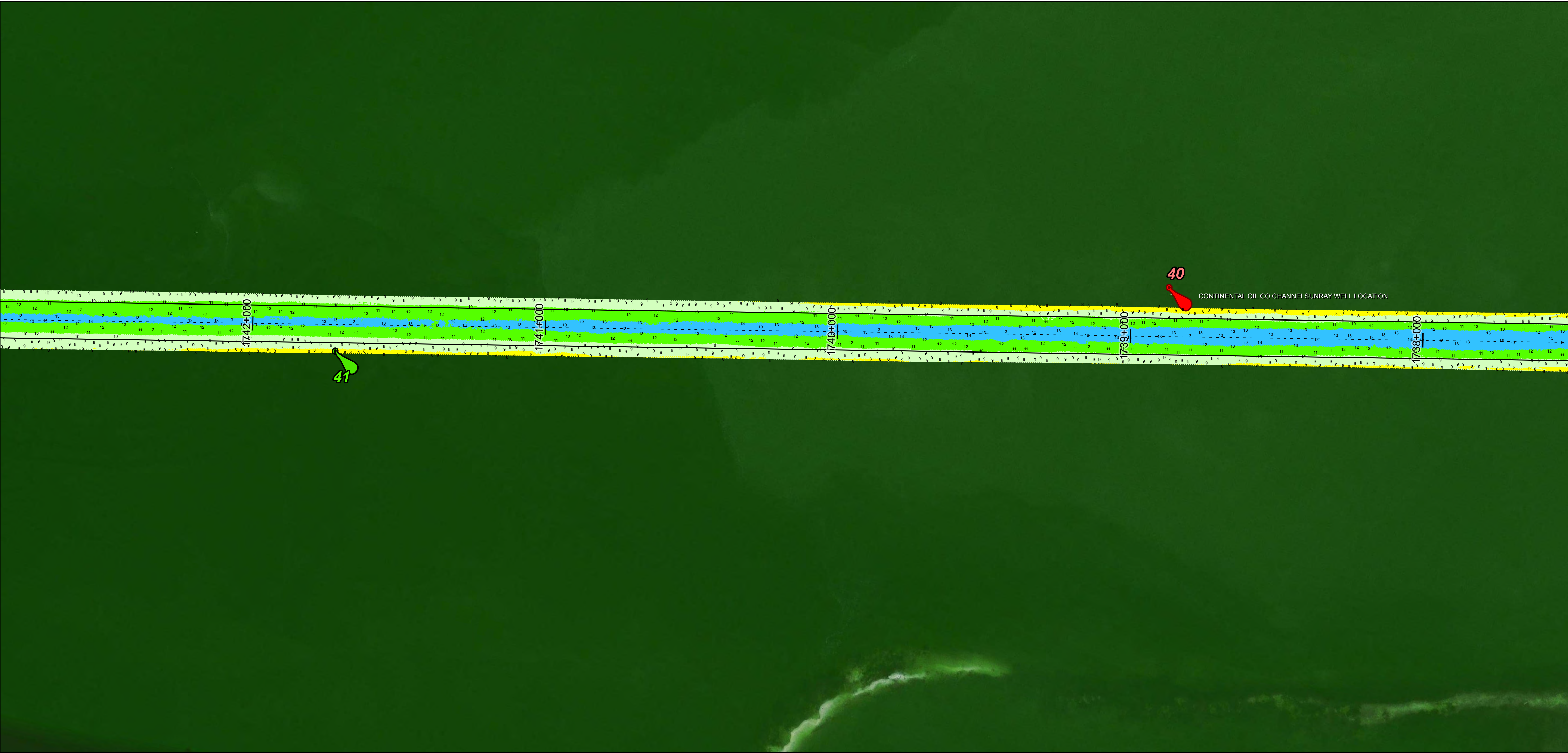
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



**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
Dark Blue	Red	Orange	Yellow	Light Green	Green	Light Blue	Blue	Dark Blue

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 47CFR 110.1-41.02.  
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 Ocean Base: Esri, GEBCO, Garmin, NaturalVue

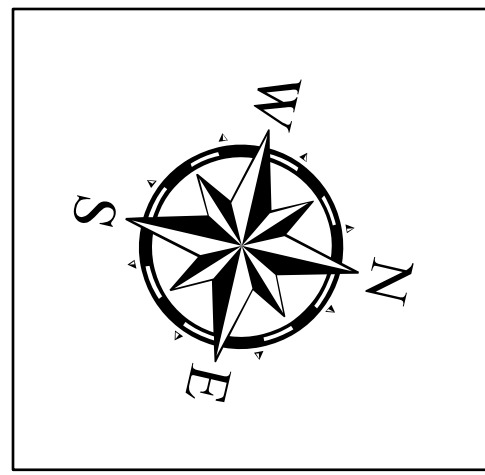
Additional Combined Survey Dates and Stationing:  
COMB\_SURV\_INFO\_HERE

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

Latest Survey Collection Date: 12 May 2025		Authorized Depth: -13ft.
Document Page: 16 of 30	Website Index Number: 285	Width Range: 125ft to 125ft
Scale: 1:2,000		Side Slope Ratio: (Rise : Run)
Mapped by: m3odnmhg		PDF Print Date: 5/13/2025
Additional Imagery info:		

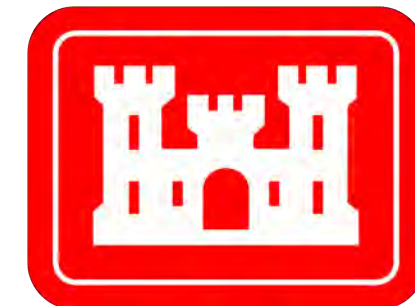


**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

**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



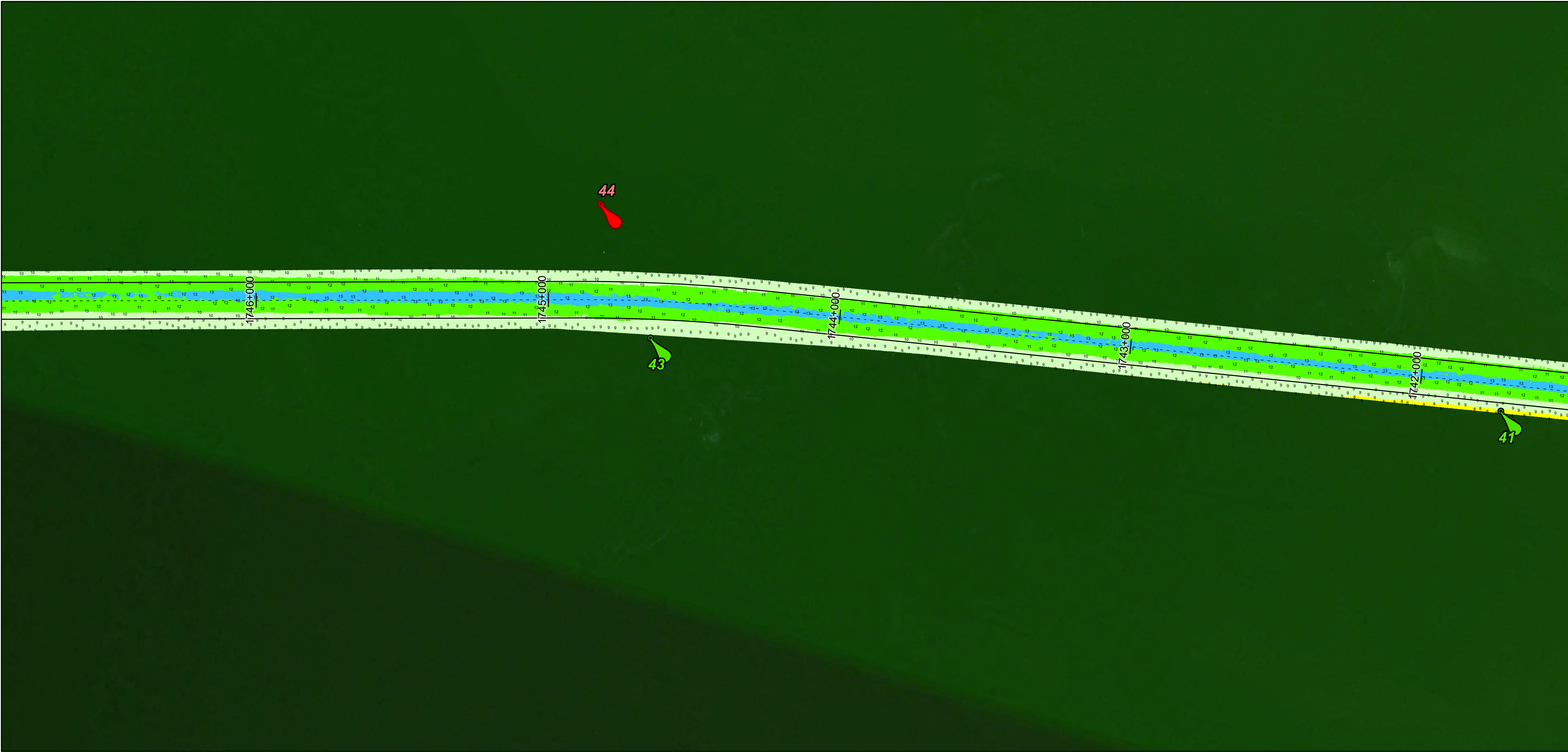
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

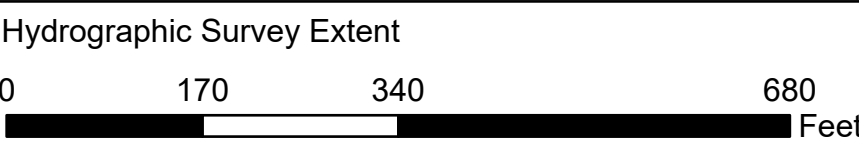
LWD



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 47CFR 110.1-41.02.  
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, MET/NASA, NGA, EPA, USDA  
World Imagery: Maxar, Microsoft  
World Imagery: Maxar  
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

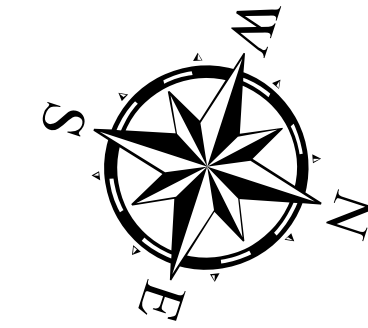
Additional Combined Survey Dates and Stationing:  
COMB\_SURV\_INFO\_HERE

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



**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



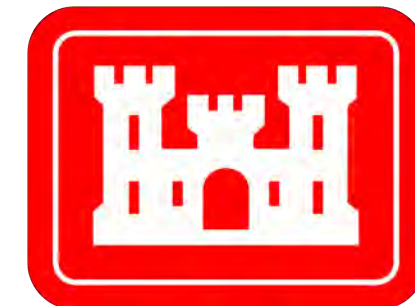
Latest Survey Collection Date: 12 May 2025  
Document Page: 17 of 30  
Scale: 1:2,000  
Mapped by: m3odnmhg  
Additional Imagery info:

Authorized Depth: -13ft.  
Width Range: 125ft to 125ft  
Side Slope Ratio: (Rise : Run)  
PDF Print Date: 5/13/2025

Website Index Number: 286  
Side Slope Ratio: (Rise : Run)  
PDF Print Date: 5/13/2025



# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers  
Galveston District

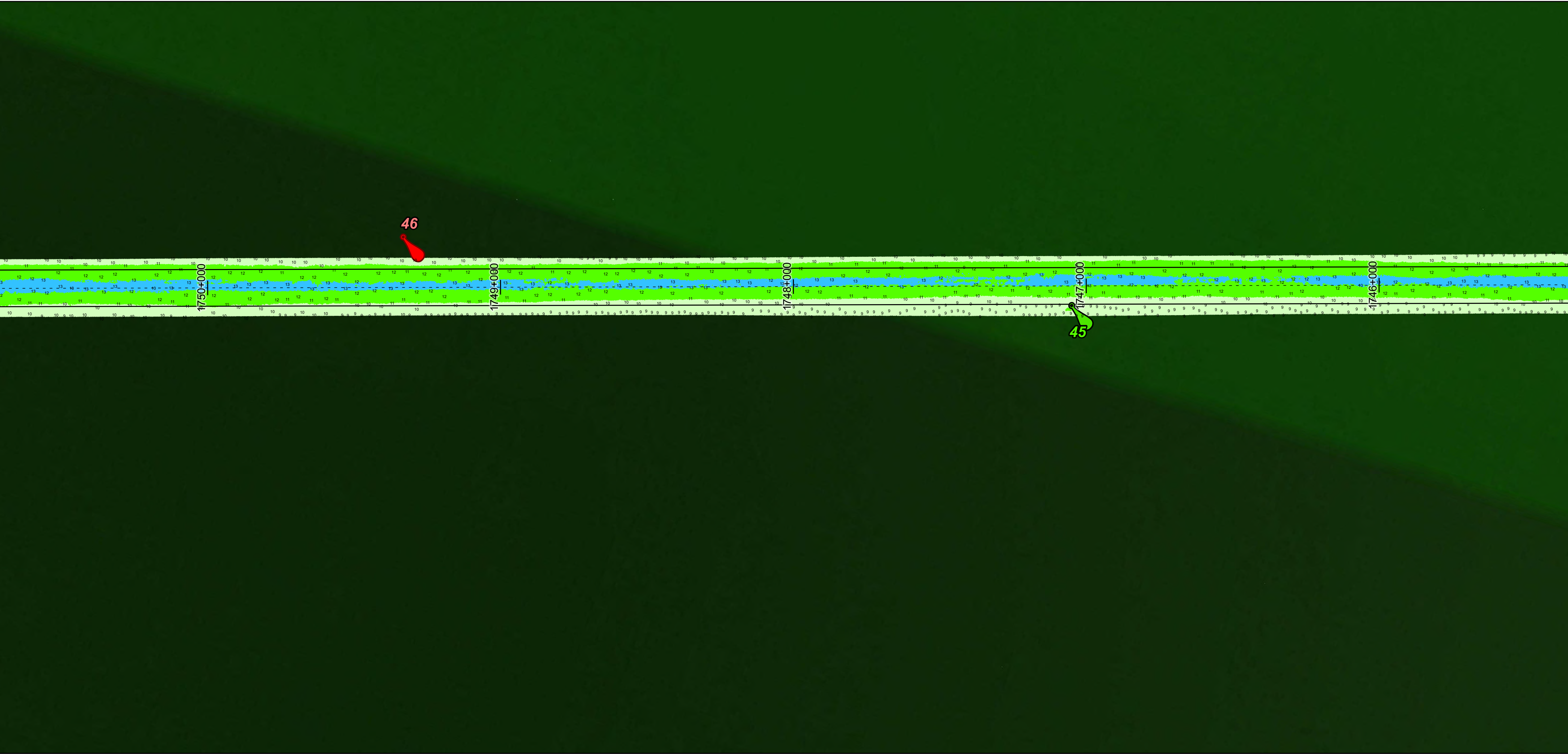


Regional Extent

GULF  
INTRACOASTAL  
WATERWAY

Dredging Reach Extent

Banderia Island  
to Channel to  
Port Mansfield



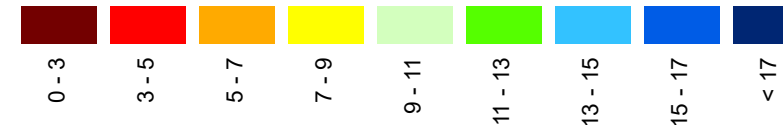
Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

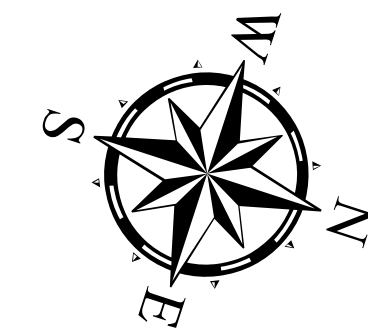
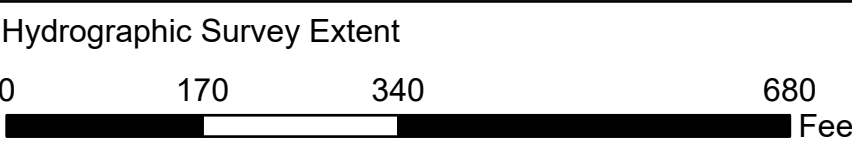
LWD



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 (MLW) 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 er1110-1-8102.  
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, 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:  
COMB\_SURV\_INFO\_HERE

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

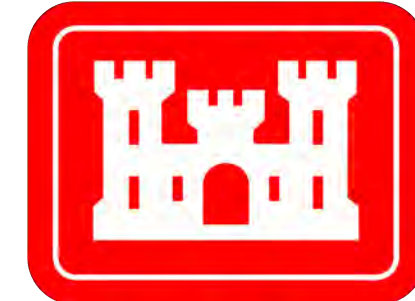


**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS  
**Station: 1679+500 to 1802+194.92**  
**GULF INTRACOASTAL WATERWAY**  
Banderia Island to Channel to Port Mansfield

Latest Survey Collection Date: 12 May 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 18 of 30	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 5/13/2025
Mapped by: m3odnmhg	
Additional Imagery info:	



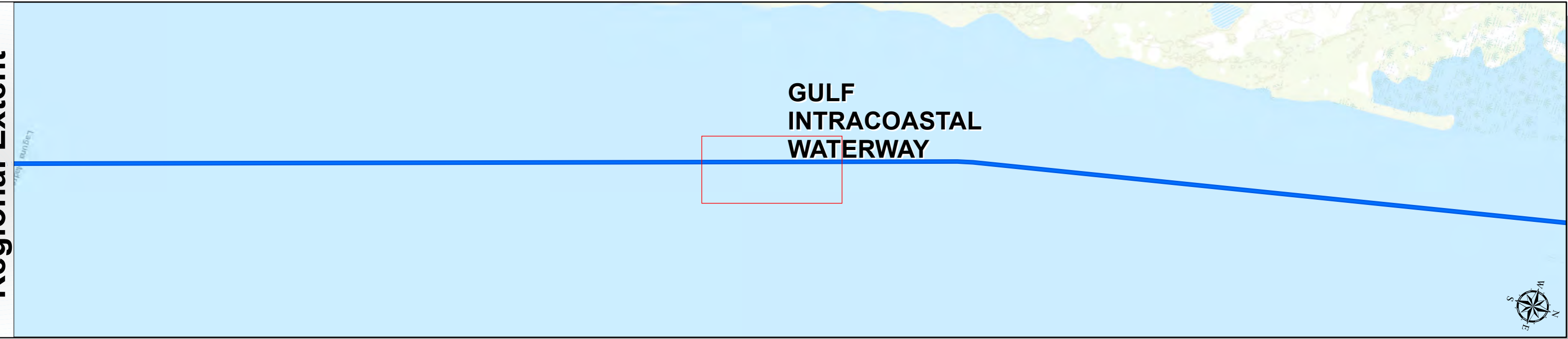
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



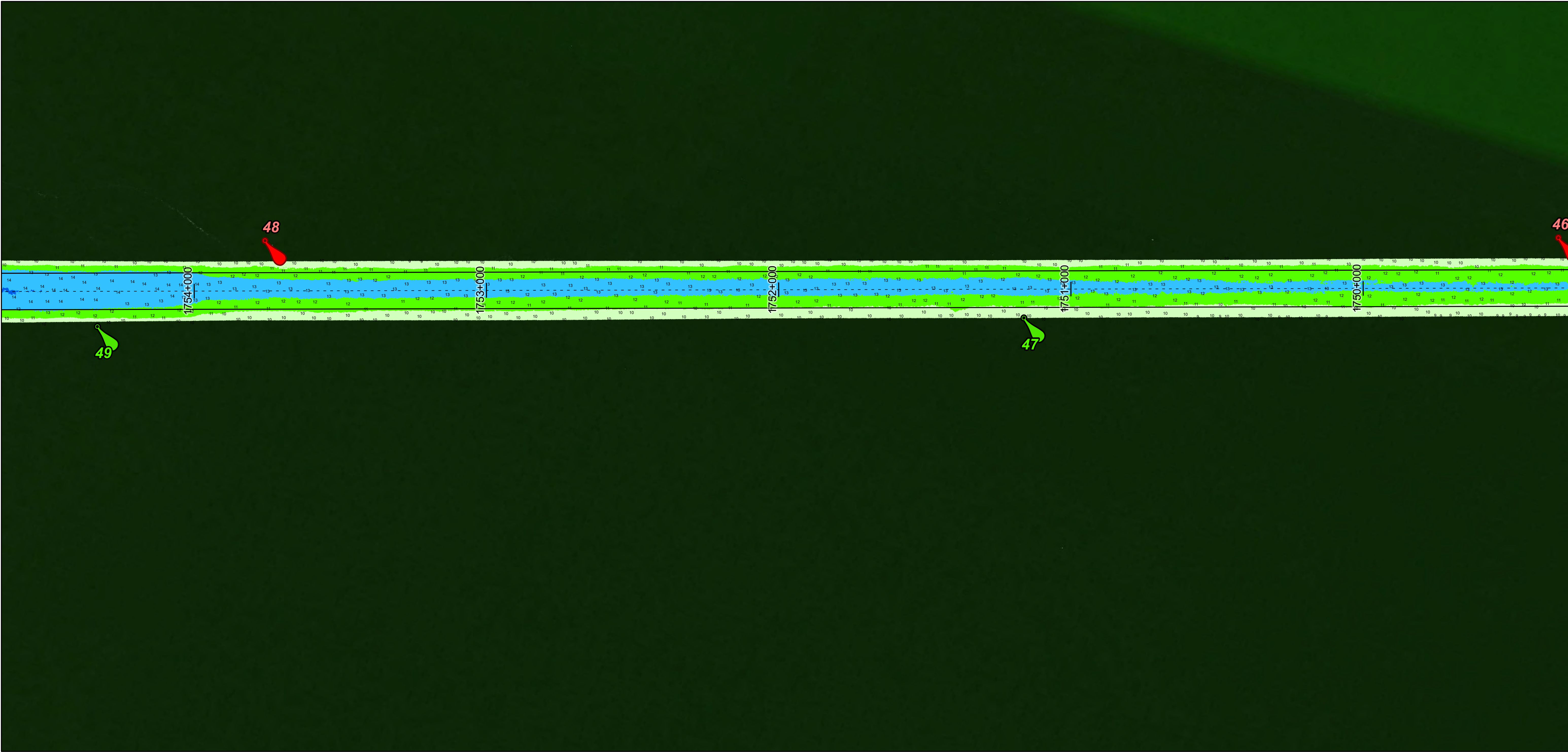
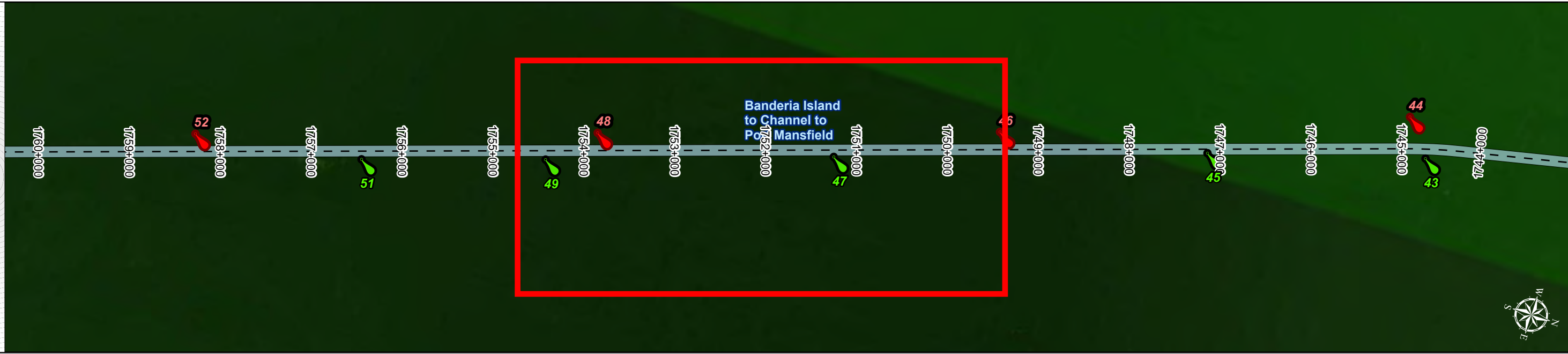
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

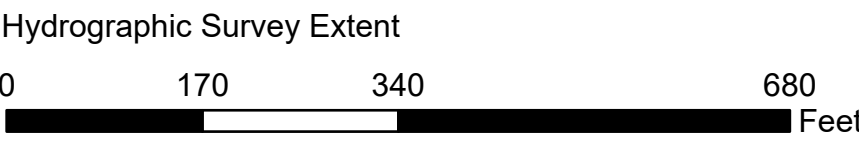
## LWD



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 er1110-1-8102.  
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:  
COMB\_SURV\_INFO\_HERE

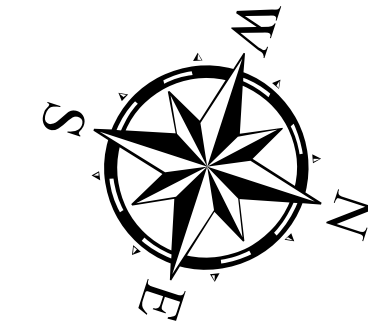
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic



## 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



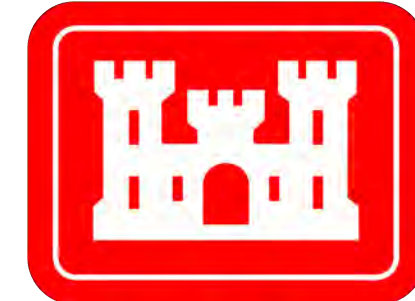
Latest Survey Collection Date: 12 May 2025  
Document Page: 19 of 30  
Scale: 1:2,000  
Mapped by: m3odnmhg  
Additional Imagery info:

Authorized Depth: -13ft.  
Width Range: 125ft to 125ft  
Side Slope Ratio: (Rise : Run)  
PDF Print Date: 5/13/2025

Website Index Number: 288  
Side Slope Ratio: (Rise : Run)  
PDF Print Date: 5/13/2025



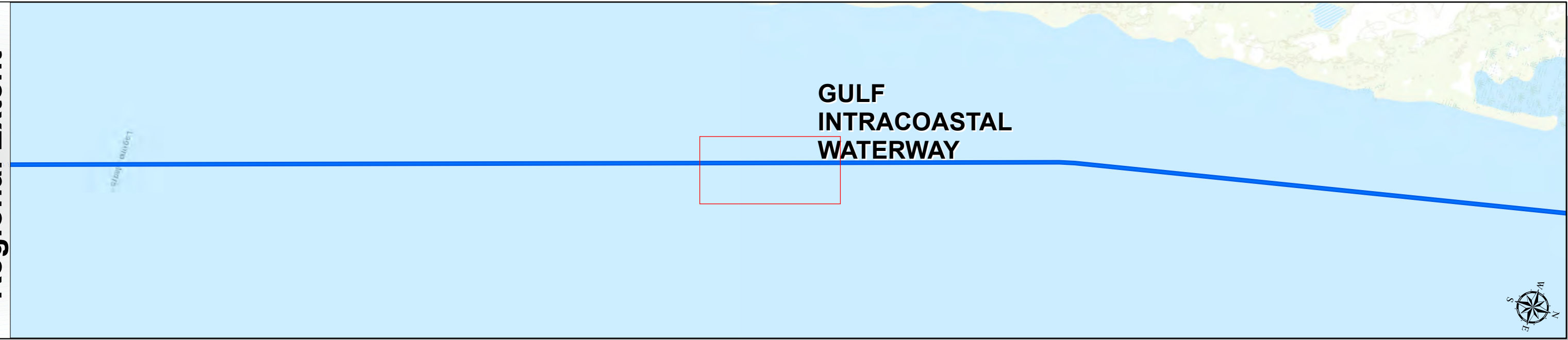
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



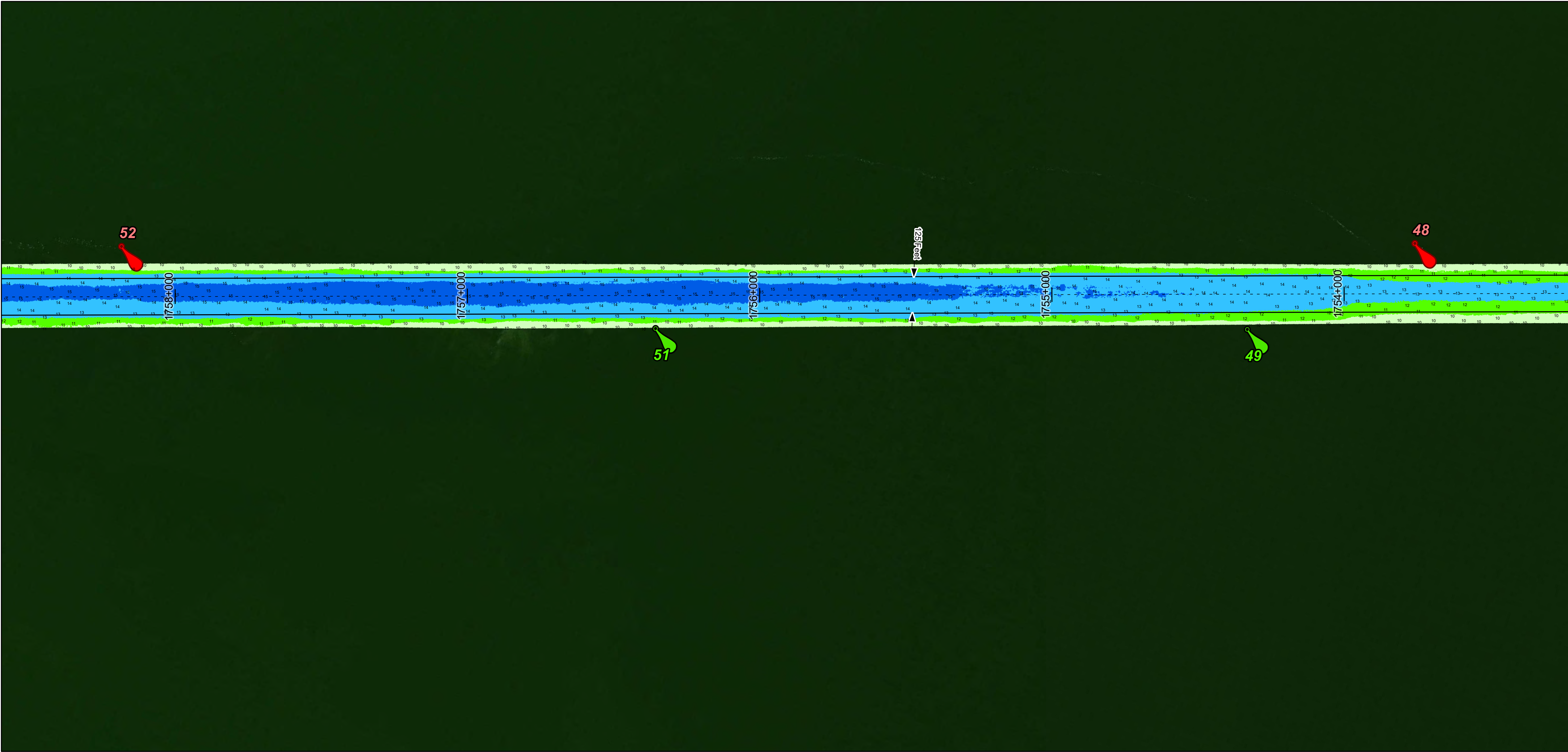
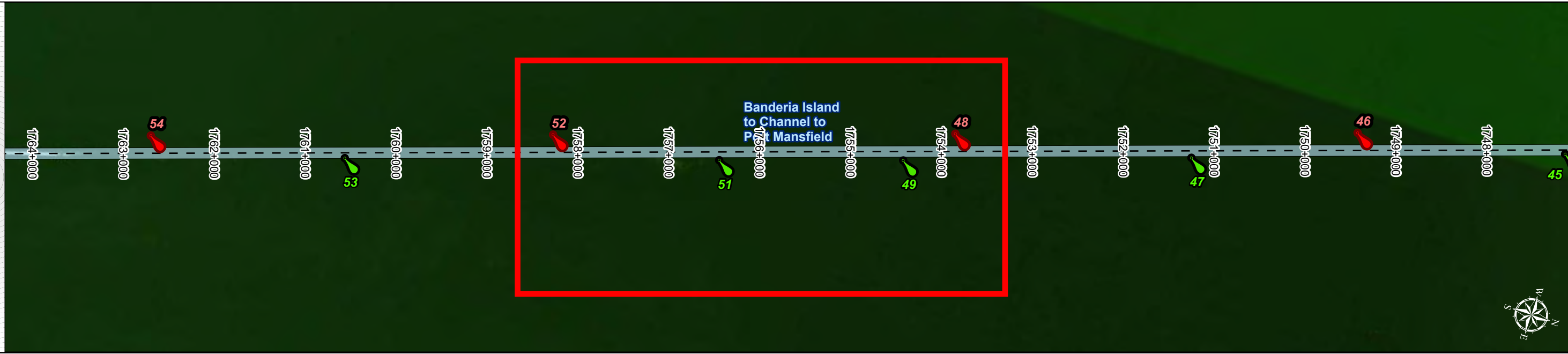
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

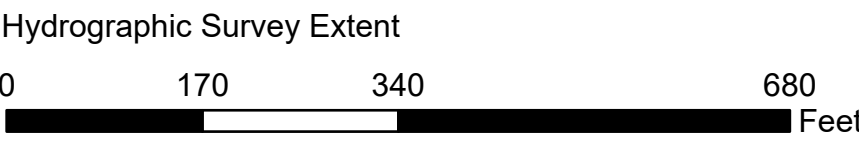
## LWD



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 47CFR 110.1-4102.  
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:  
COMB\_SURV\_INFO\_HERE

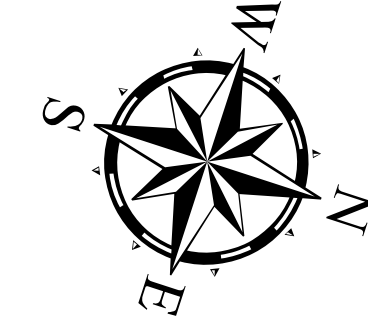
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic



## HYDROGRAPHIC SURVEY

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

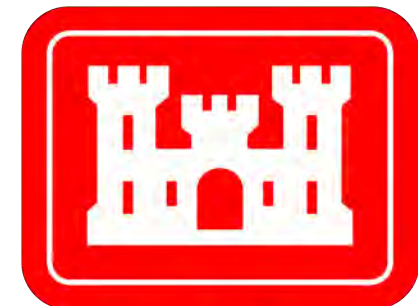
Station: 1679+500 to 1802+194.92  
GULF INTRACOASTAL WATERWAY  
Banderia Island to Channel to Port Mansfield



Latest Survey Collection Date: 12 May 2025	Authorized Depth: -13ft.
Document Page: 20 of 30	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: 1:1.03 (Rise : Run)
Mapped by: m3odnmhg	PDF Print Date: 5/13/2025
Additional Imagery info:	



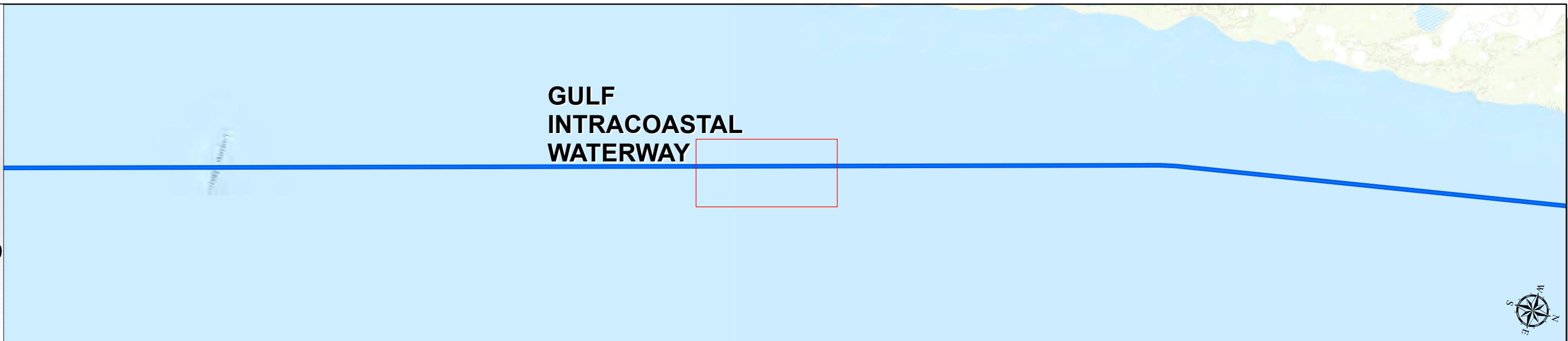
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



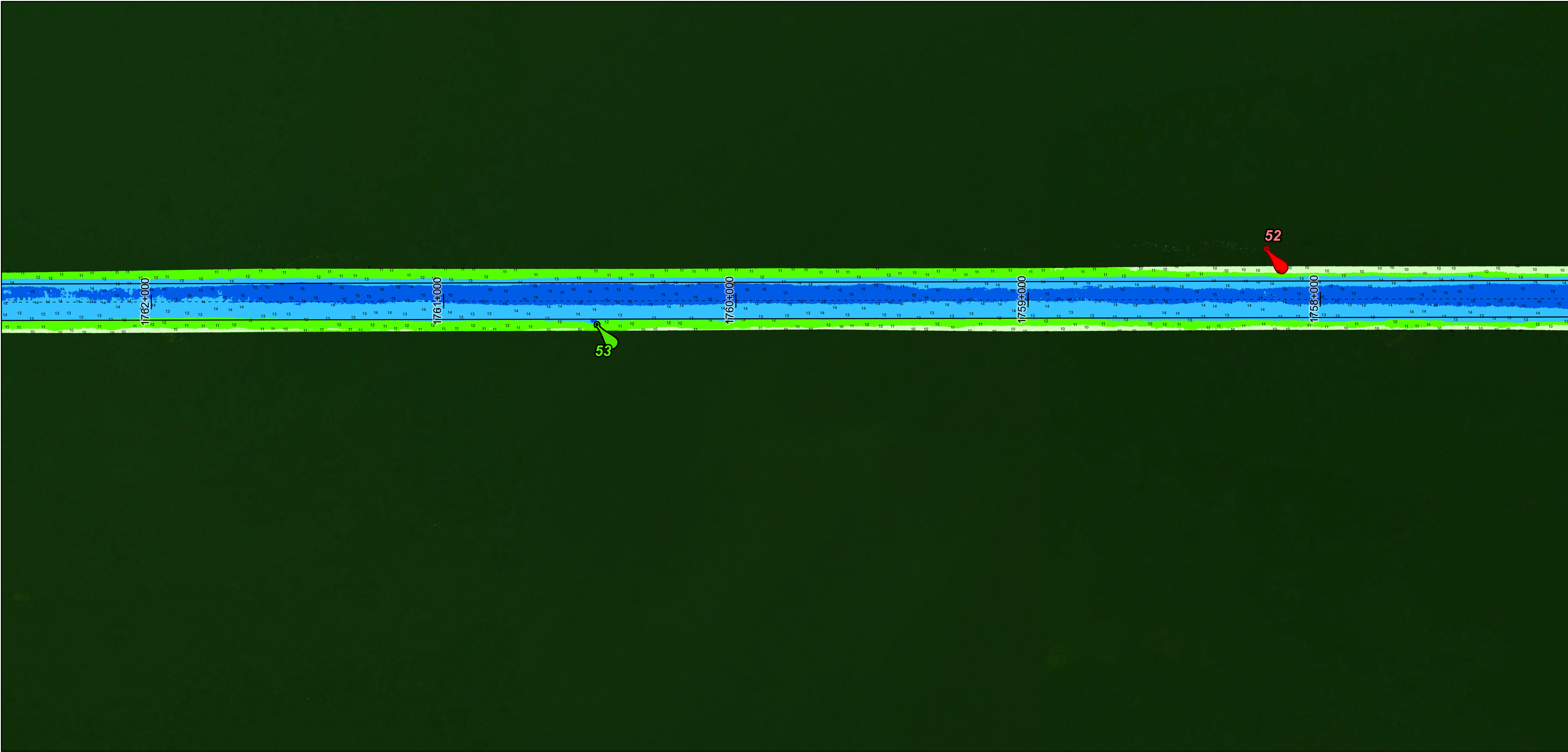
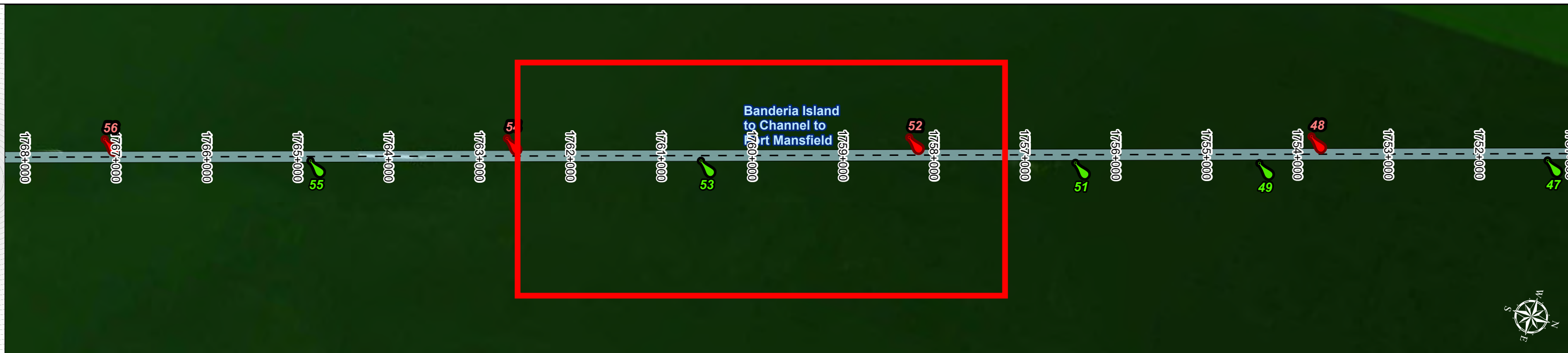
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

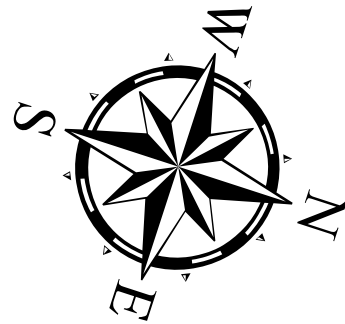
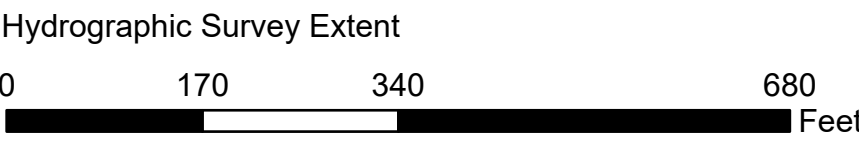
LWD



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 of individuals appear on these project documents within the scope of their employment as required by er1110-1-8102.  
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:  
COMB\_SURV\_INFO\_HERE

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

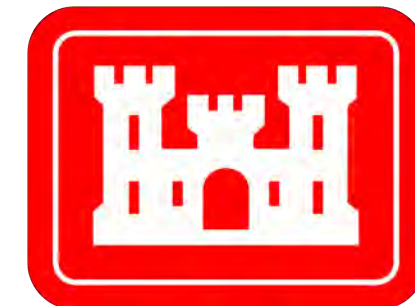


**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS  
  
**Station: 1679+500 to 1802+194.92**  
**GULF INTRACOASTAL WATERWAY**  
Banderia Island to Channel to Port Mansfield

Latest Survey Collection Date: 12 May 2025	Authorized Depth: -13ft.
Document Page: 21 of 30	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: 1:1.03 (Rise : Run)
Mapped by: m3odnmhg	PDF Print Date: 5/13/2025
Additional Imagery info:	



# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers  
Galveston District

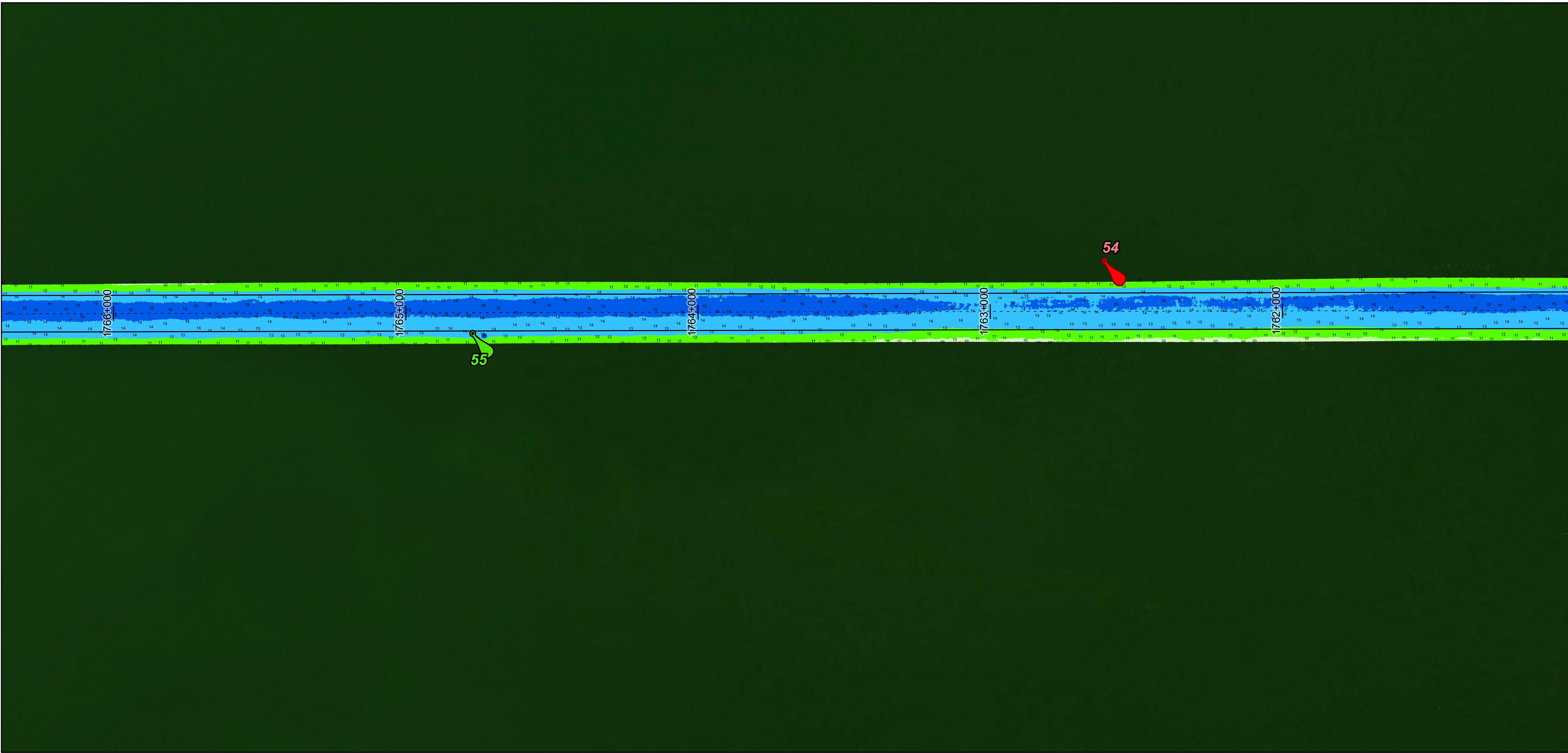


Regional Extent

GULF  
INTRACOASTAL  
WATERWAY

Dredging Reach Extent

Banderia Island  
to Channel to  
Port Mansfield



## Channel Features

- - - Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## LWD



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 er1110-1-8102.  
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 or 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

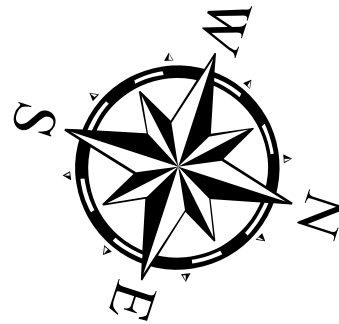
Additional Combined Survey Dates and Stationing:  
COMB\_SURV\_INFO\_HERE

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

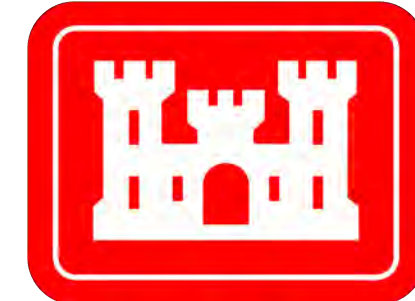
Latest Survey Collection Date: 12 May 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 22 of 30	Website Index Number: 291
Scale: 1:2,000	Side Slope Ratio: 1:1.03 (Rise : Run)
Mapped by: m3odnmhg	PDF Print Date: 5/13/2025
Additional Imagery info:	



**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



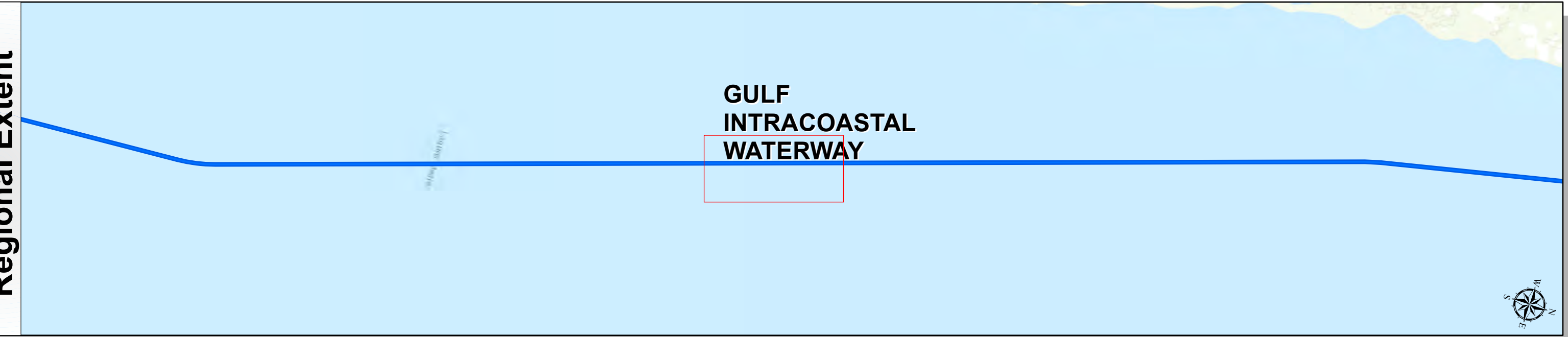
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



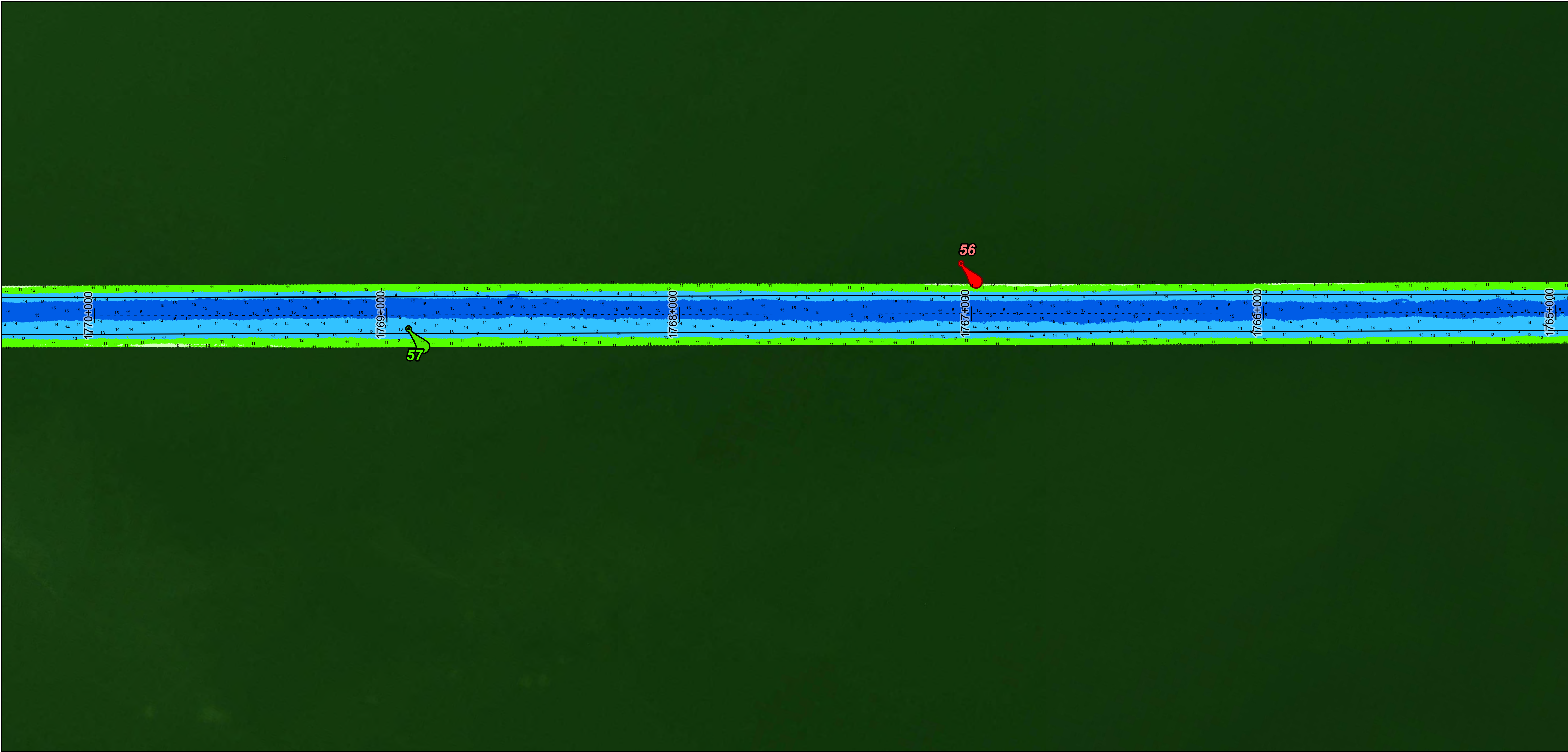
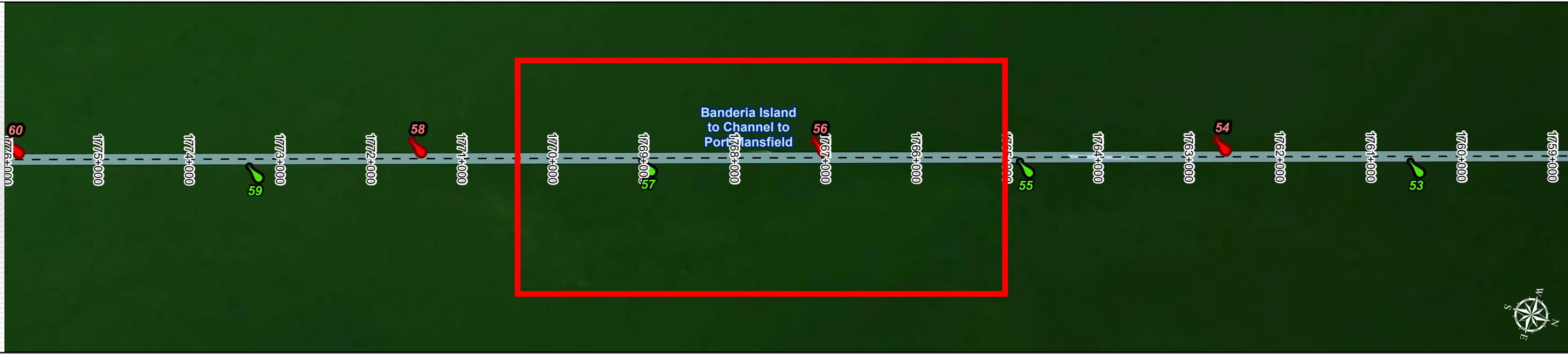
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## LWD

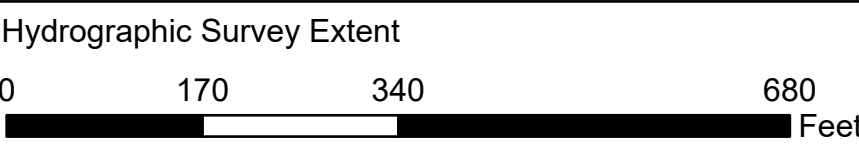


## NOTES:

- 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 er1110.1-8102.
  - 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:  
COMB\_SURV\_INFO\_HERE

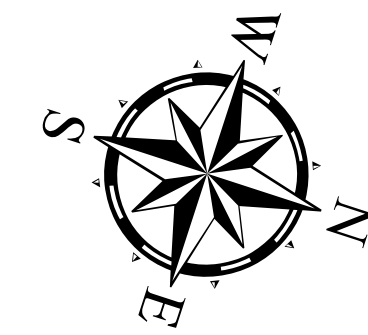
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic



## 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



Latest Survey Collection Date: 12 May 2025

Document Page: 23 of 30

Website Index Number: 292

Scale: 1:2,000

Mapped by: m3odnmhg

Additional Imagery info:

Authorized Depth: -13ft.

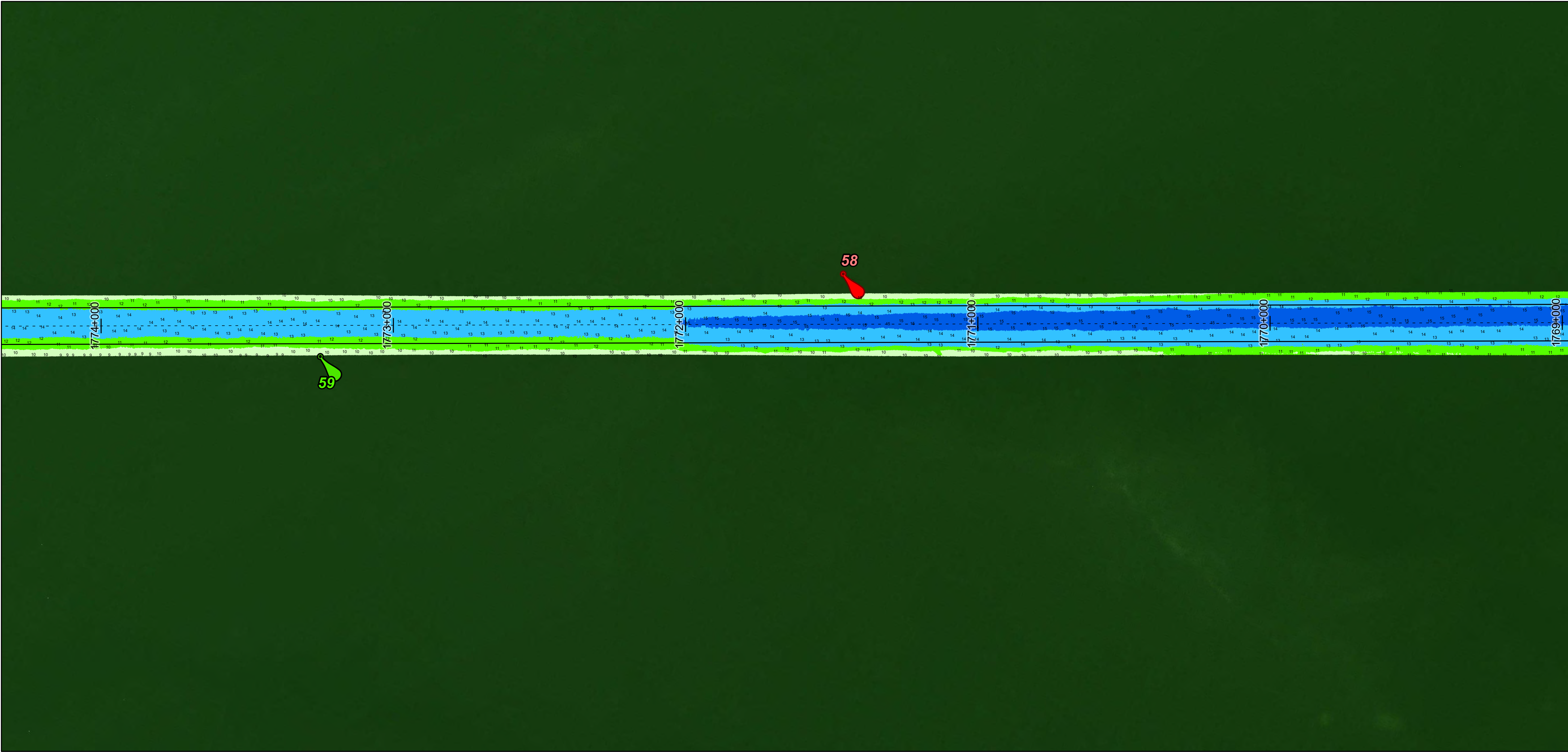
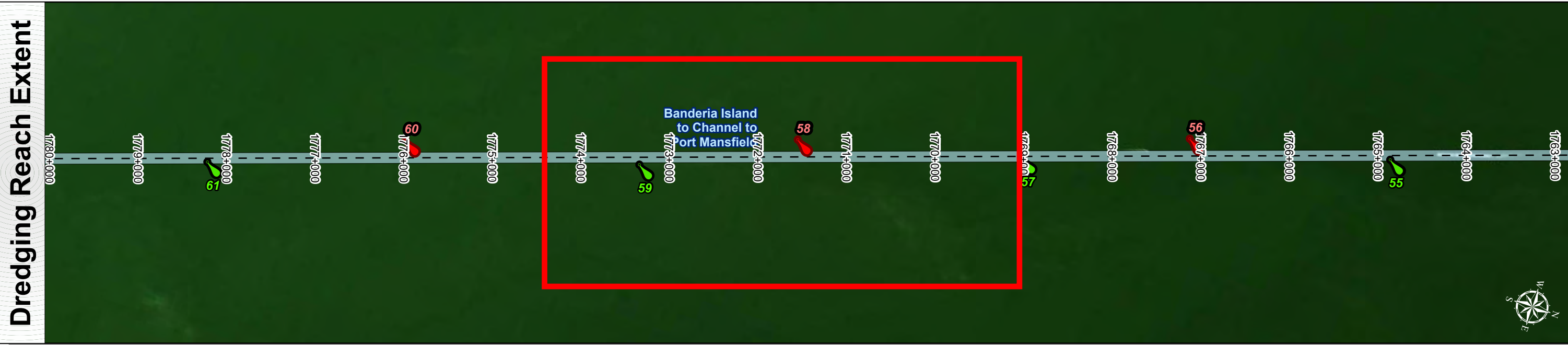
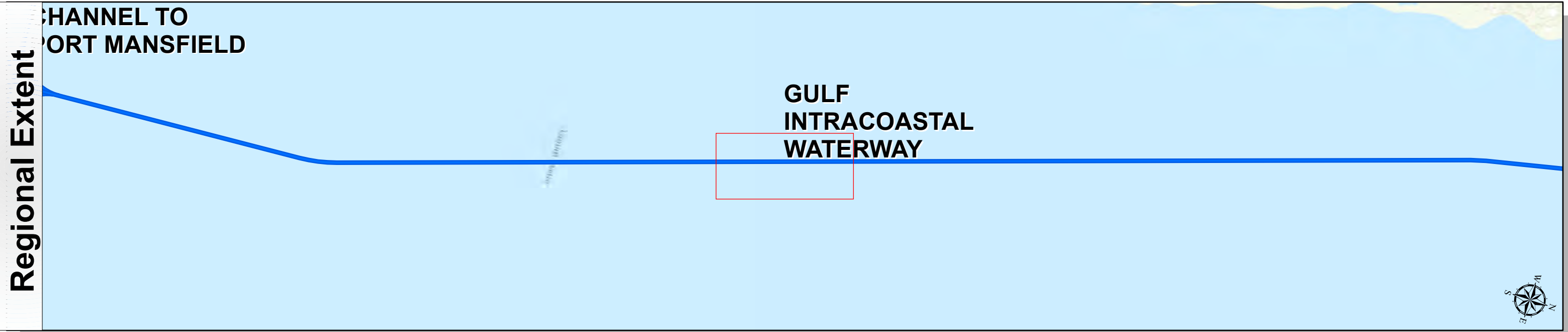
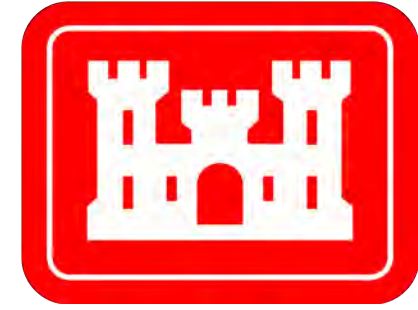
Width Range: 125ft to 125ft

Side Slope Ratio: 1:1.03 (Rise : Run)

PDF Print Date: 5/13/2025



# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



**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
Dark Blue	Red	Orange	Yellow	Light Green	Green	Light Blue	Blue	Dark Blue

**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 er1110-1-8102.
- 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 or 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:

COMB\_SURV\_INFO\_HERE

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

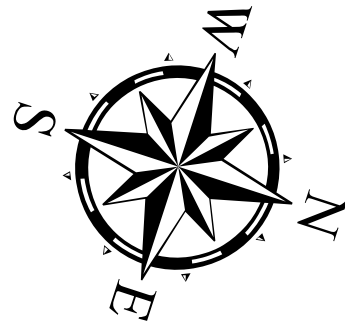
Dredging Reach Extent

0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent

0 170 340 680 Feet

Latest Survey Collection Date: 12 May 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 24 of 30	Side Slope Ratio: 1:1.03 (Rise : Run)
Scale: 1:2,000	PDF Print Date: 5/13/2025
Mapped by: m3odnmhg	
Additional Imagery info:	

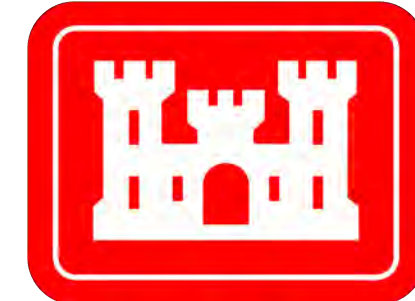


**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

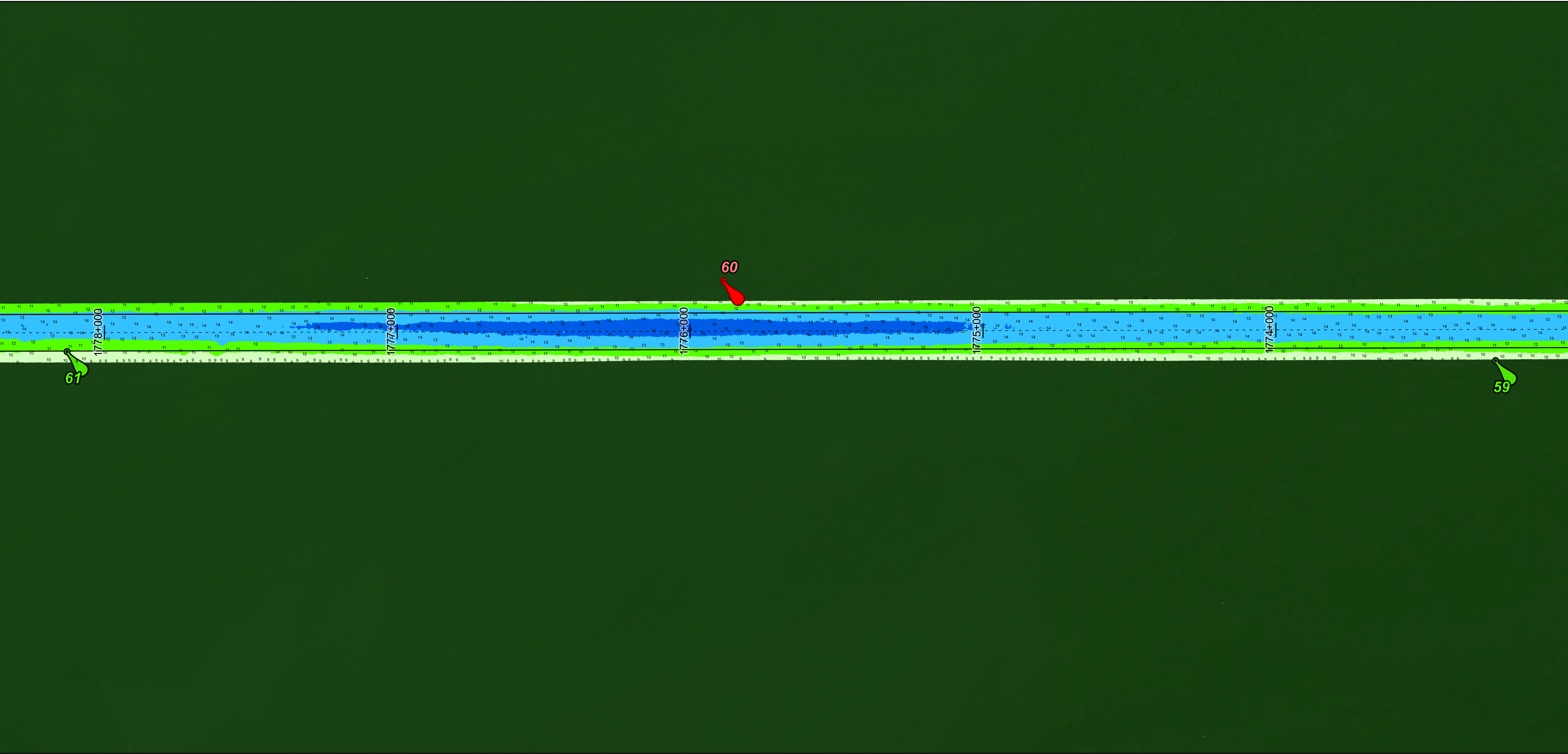
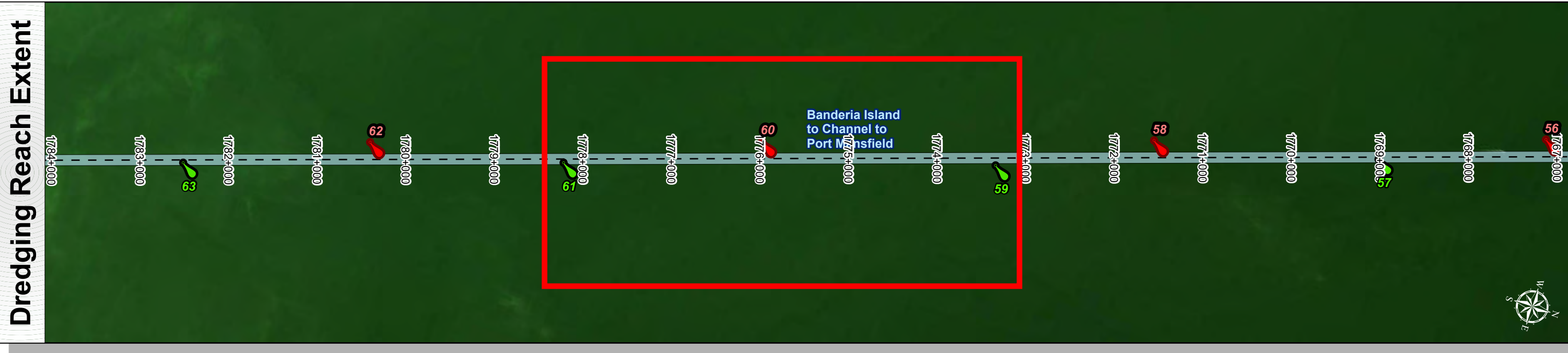
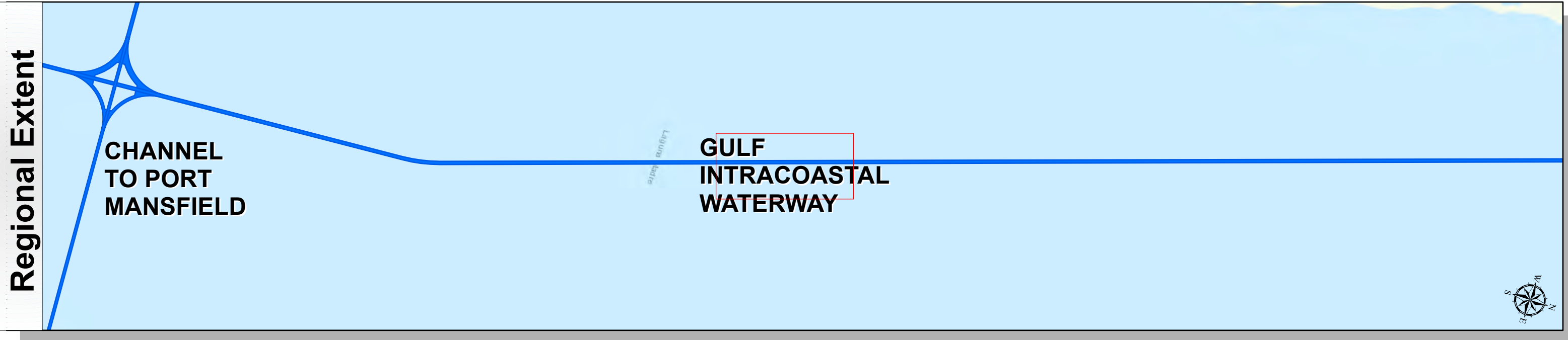
**Station: 1679+500 to 1802+194.92**  
**GULF INTRACOASTAL WATERWAY**  
Banderia Island to Channel to Port Mansfield



# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers  
Galveston District



**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
Dark Blue	Red	Orange	Yellow	Light Green	Green	Light Blue	Blue	Dark Blue

**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 er1110-1-8102.
- 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 Ocean Base: Esri, GEBCO, Garmin, NaturalVue

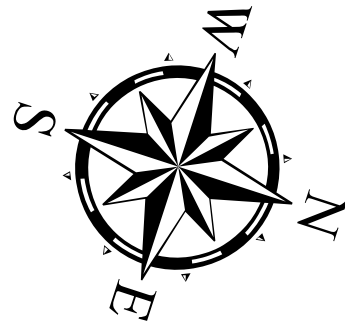
Additional Combined Survey Dates and Stationing:  
COMB\_SURV\_INFO\_HERE

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

Latest Survey Collection Date: 12 May 2025		Authorized Depth: -13ft.
Document Page: 25 of 30	Website Index Number: 294	Width Range: 125ft to 125ft
Scale: 1:2,000		Side Slope Ratio: 1:1.03 (Rise : Run)
Mapped by: m3odnmhg		PDF Print Date: 5/13/2025
Additional Imagery info:		

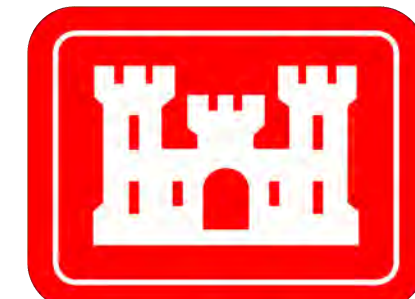


**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

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



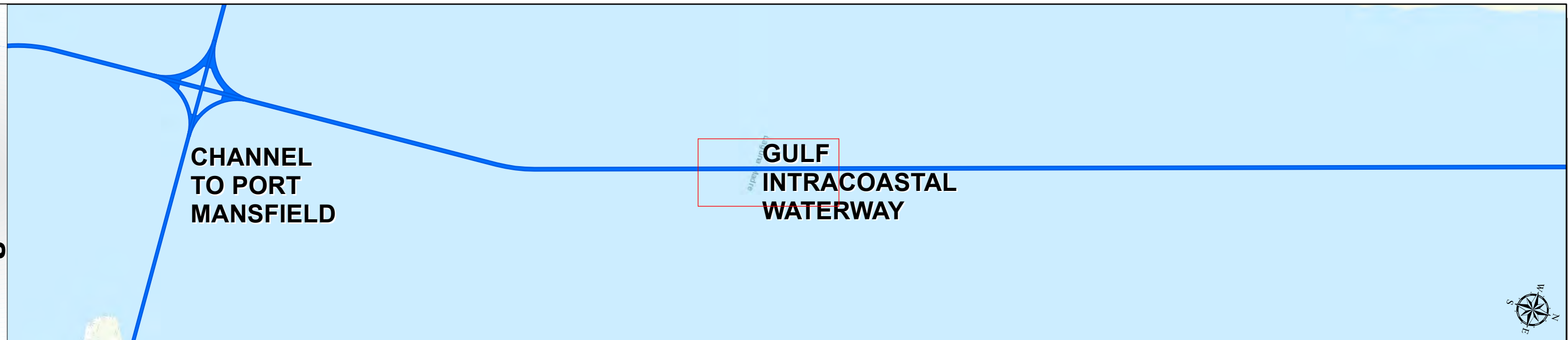
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



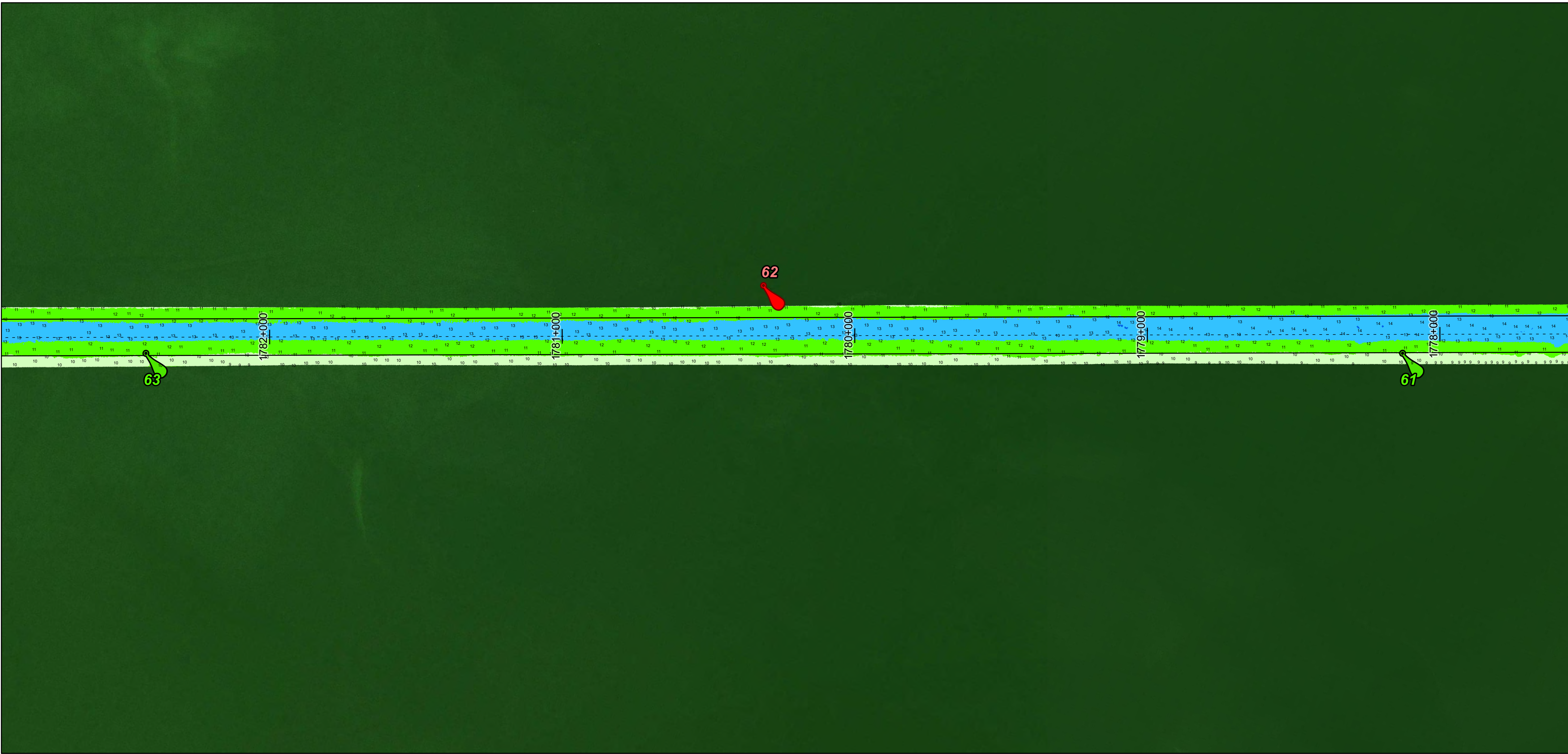
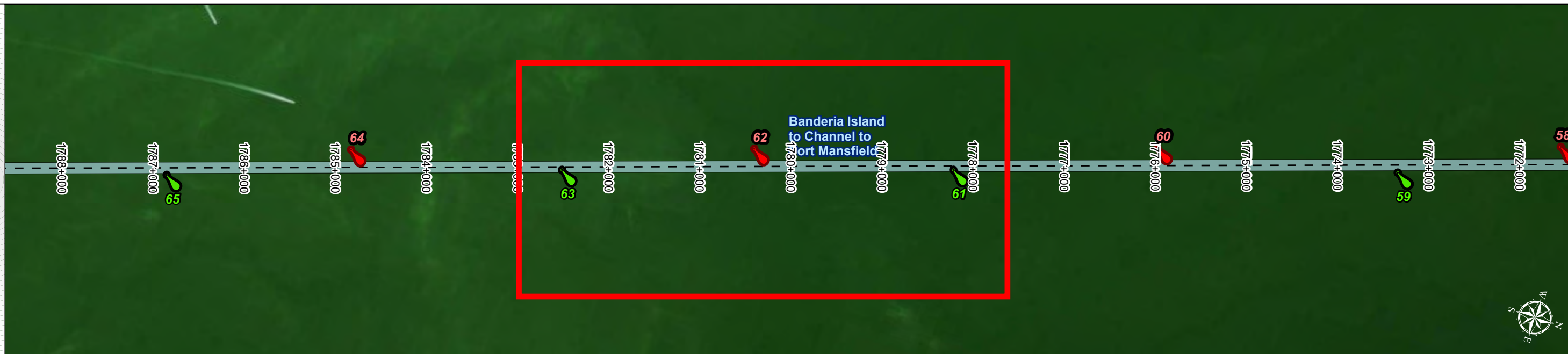
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## LWD



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 er1110-1-8102.  
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:  
COMB\_SURV\_INFO\_HERE

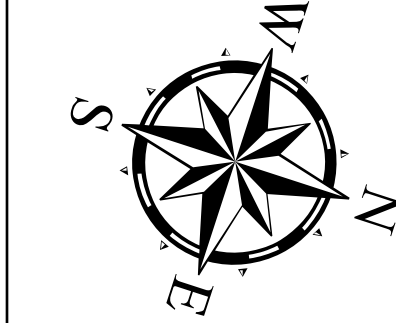
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic

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



Latest Survey Collection Date: 12 May 2025  
Document Page: 26 of 30  
Scale: 1:2,000  
Mapped by: m3odnmhg  
Additional Imagery info:

Authorized Depth: -13ft.

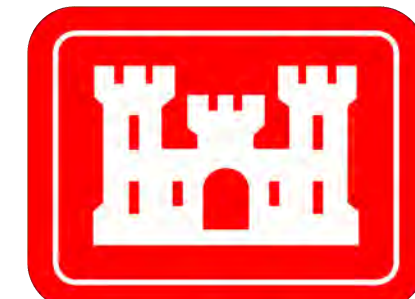
Width Range: 125ft to 125ft

Side Slope Ratio: 1:1.03 (Rise : Run)

PDF Print Date: 5/13/2025



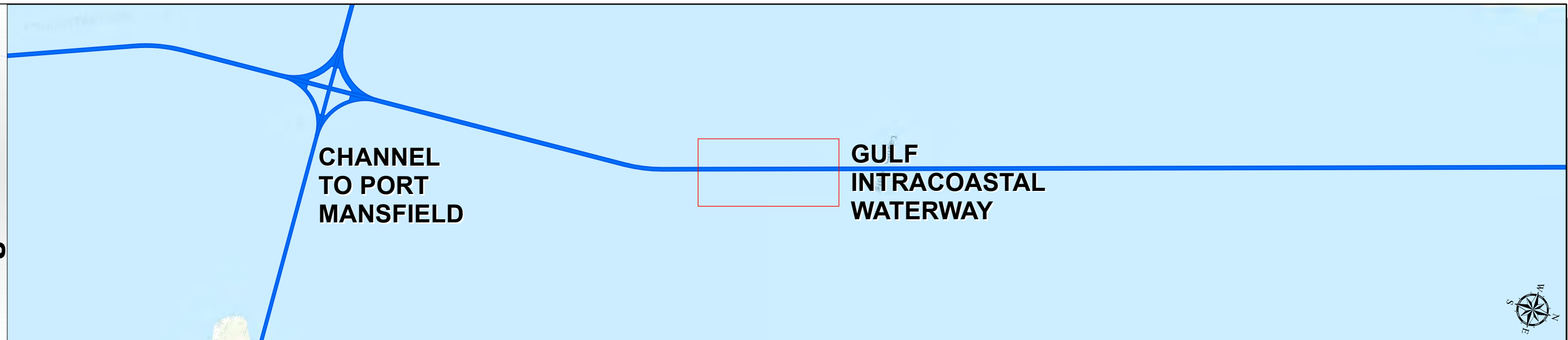
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



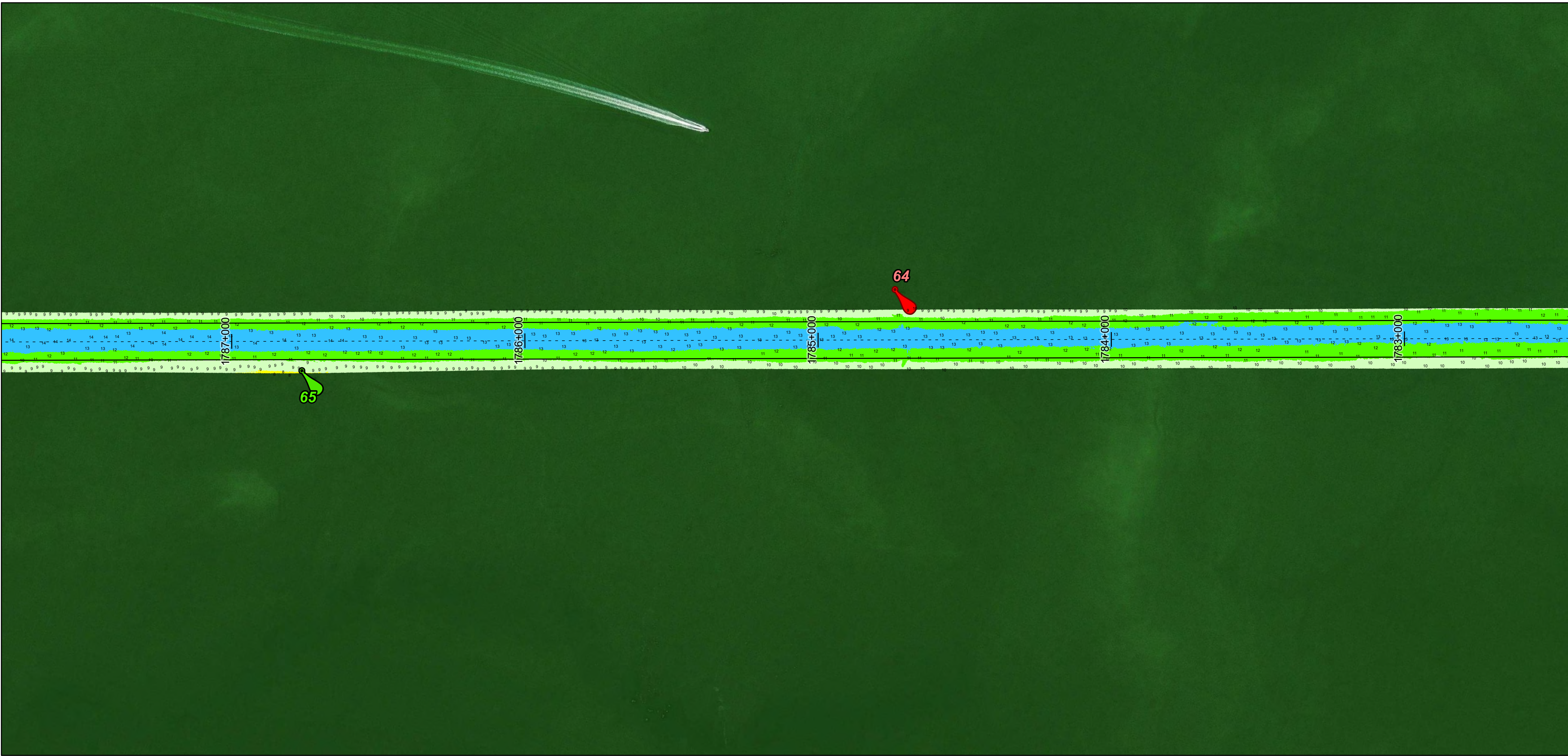
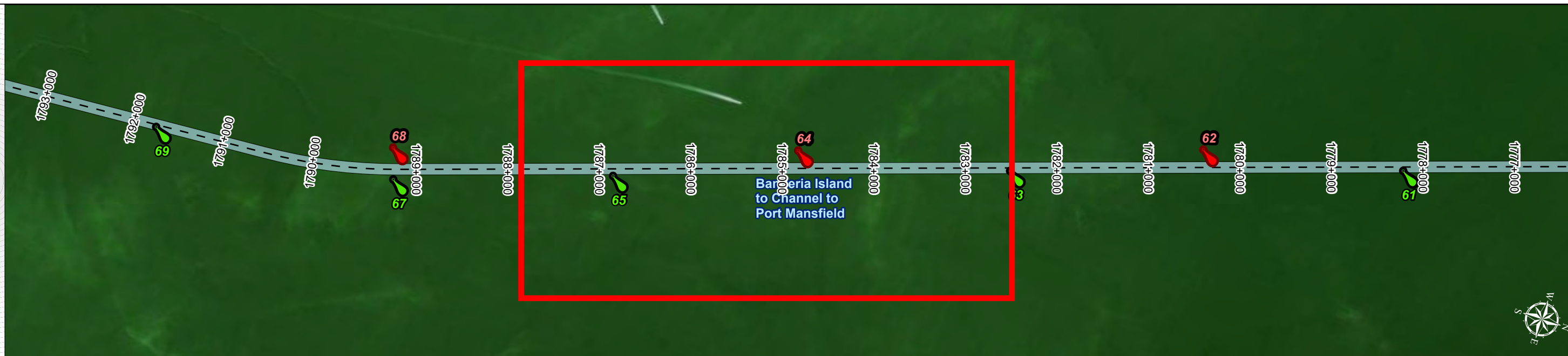
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## LWD



## 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 110.1-4102.
  - 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:  
COMB\_SURV\_INFO\_HERE

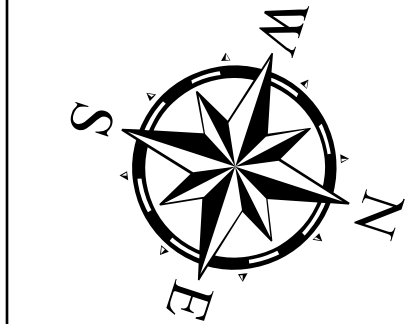
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic

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



Latest Survey Collection Date: 12 May 2025  
Document Page: 27 of 30  
Scale: 1:2,000  
Mapped by: m3odnmhg  
Additional Imagery info:

Authorized Depth: -13ft.

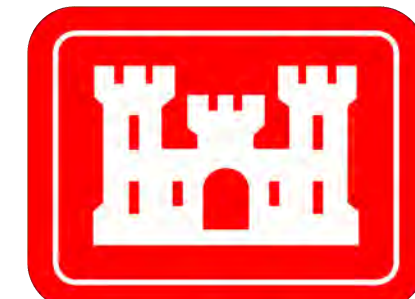
Width Range: 125ft to 125ft

Side Slope Ratio: 1:1.03 (Rise : Run)

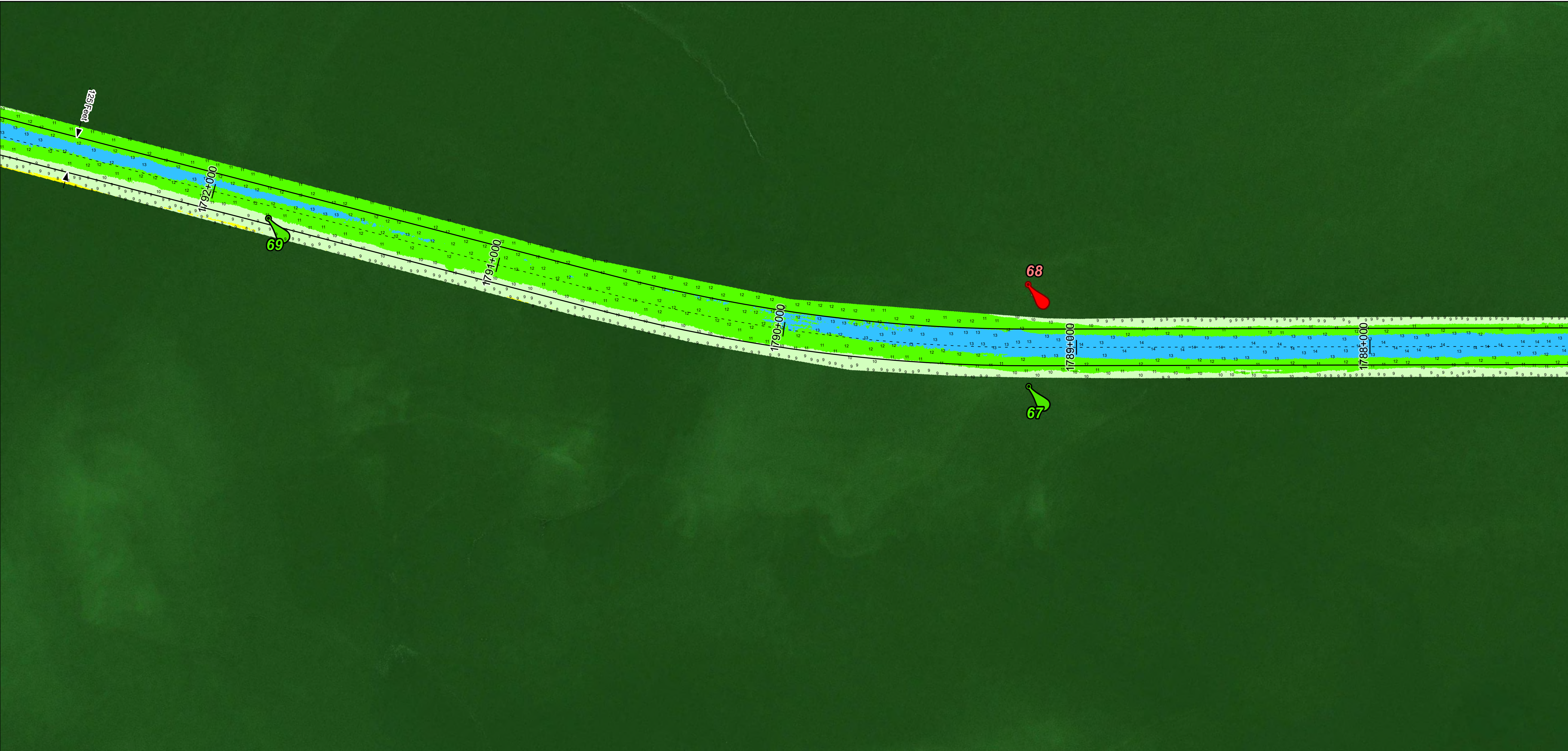
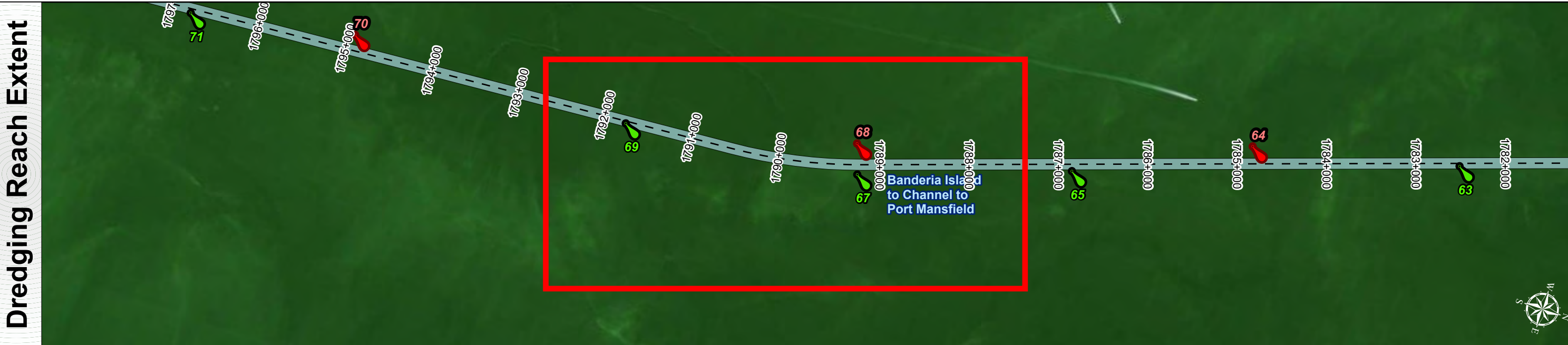
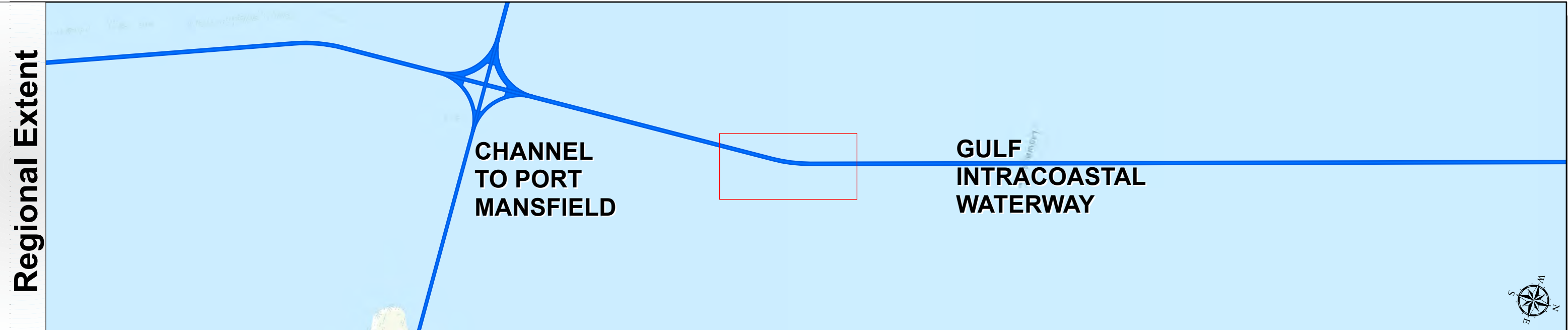
PDF Print Date: 5/13/2025



# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers  
Galveston District



**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
Dark Blue	Blue	Light Blue	Green	Yellow	Orange	Red	Dark Red	Black

**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 110.1-41.02.
- 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:  
COMB\_SURV\_INFO\_HERE

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

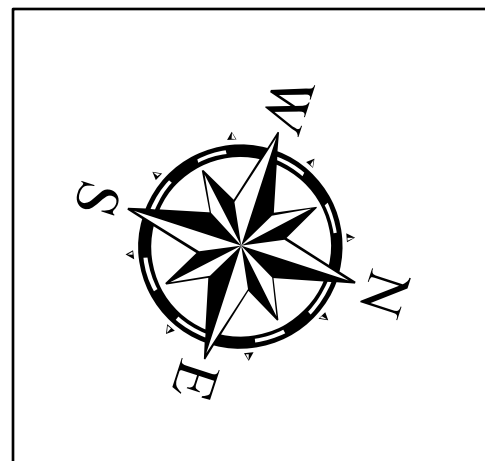
**Dredging Reach Extent**

0 0.2 0.4 0.8 Miles

**Hydrographic Survey Extent**

0 170 340 680 Feet

Latest Survey Collection Date: 12 May 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 28 of 30	Website Index Number: 297
Scale: 1:2,000	Side Slope Ratio: 1:1.03 (Rise : Run)
Mapped by: m3odnmh	PDF Print Date: 5/13/2025
Additional Imagery info:	

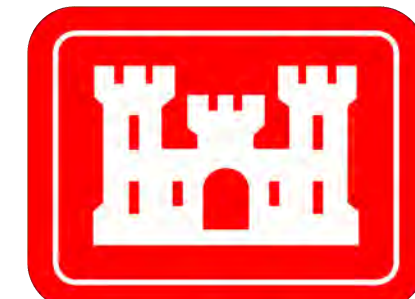


**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

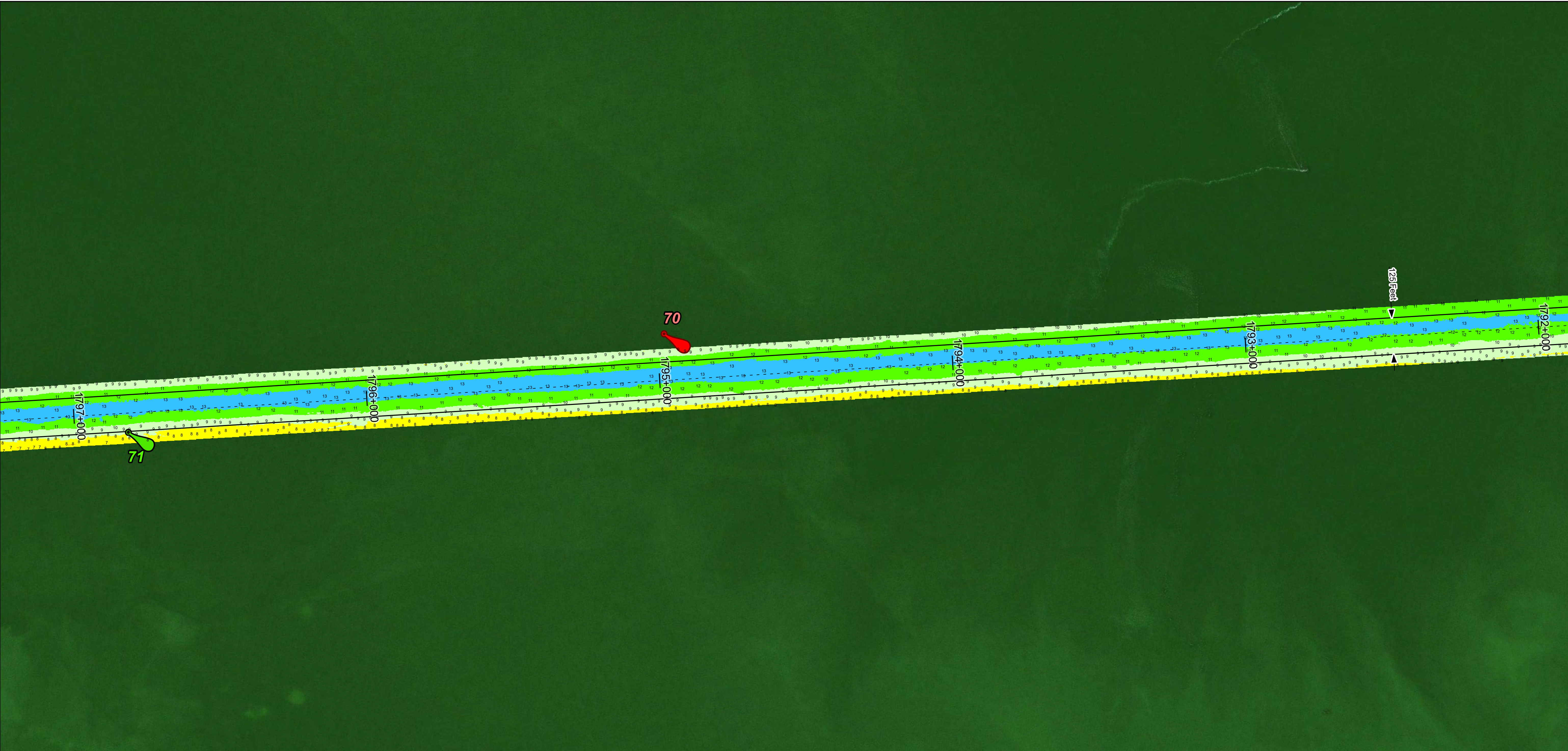
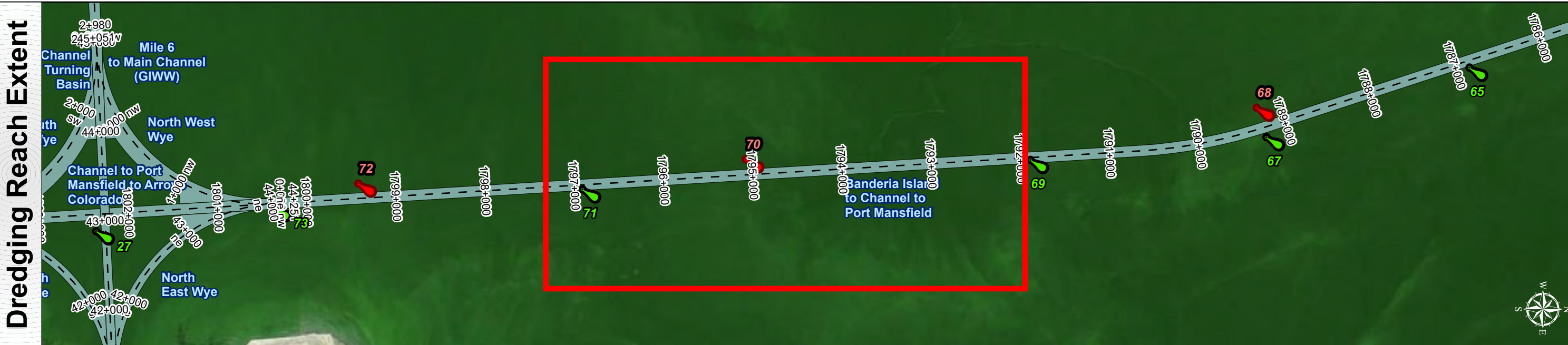
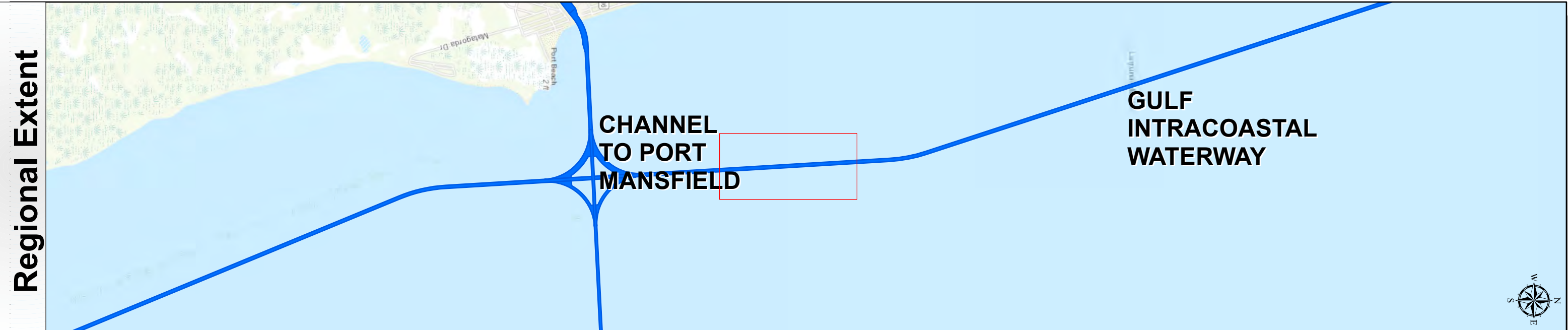
**Station: 1679+500 to 1802+194.92**  
**GULF INTRACOASTAL WATERWAY**  
Banderia Island to Channel to Port Mansfield



# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



U.S. Army Corps of Engineers  
Galveston District



**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
Dark Red	Red	Orange	Yellow	Light Green	Green	Blue	Dark Blue	Black

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 47CFR 110.1-41.02.  
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, METI/NASA, NGA, EPA, USDA  
World Imagery: Maxar, Microsoft  
World Imagery: Maxar  
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

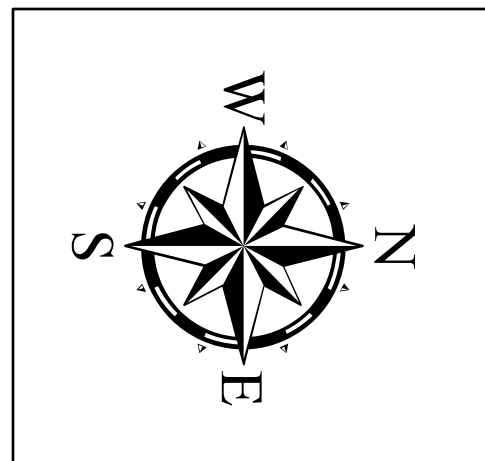
Additional Combined Survey Dates and Stationing:  
COMB\_SURV\_INFO\_HERE

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

Latest Survey Collection Date: 12 May 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 29 of 30	Side Slope Ratio: 1:1.03 (Rise : Run)
Scale: 1:2,000	PDF Print Date: 5/13/2025
Mapped by: m3odnmhg	
Additional Imagery info:	

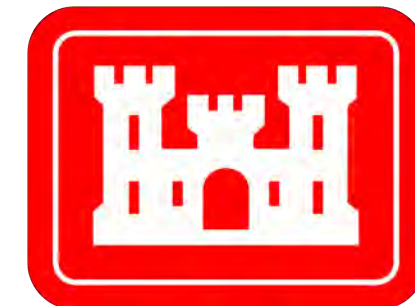


**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

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



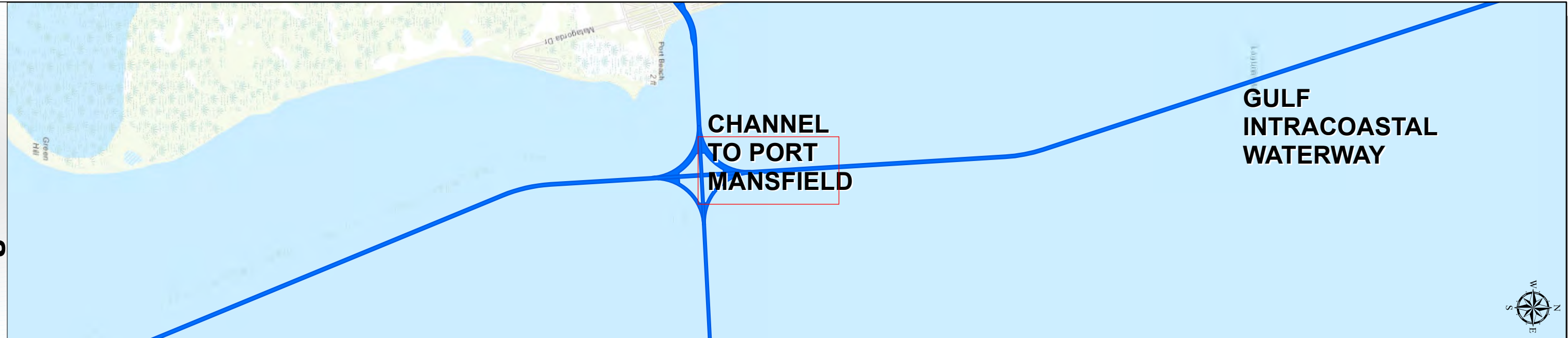
# Gulf Intracoastal Waterway: Banderia Island to Channel to Port Mansfield



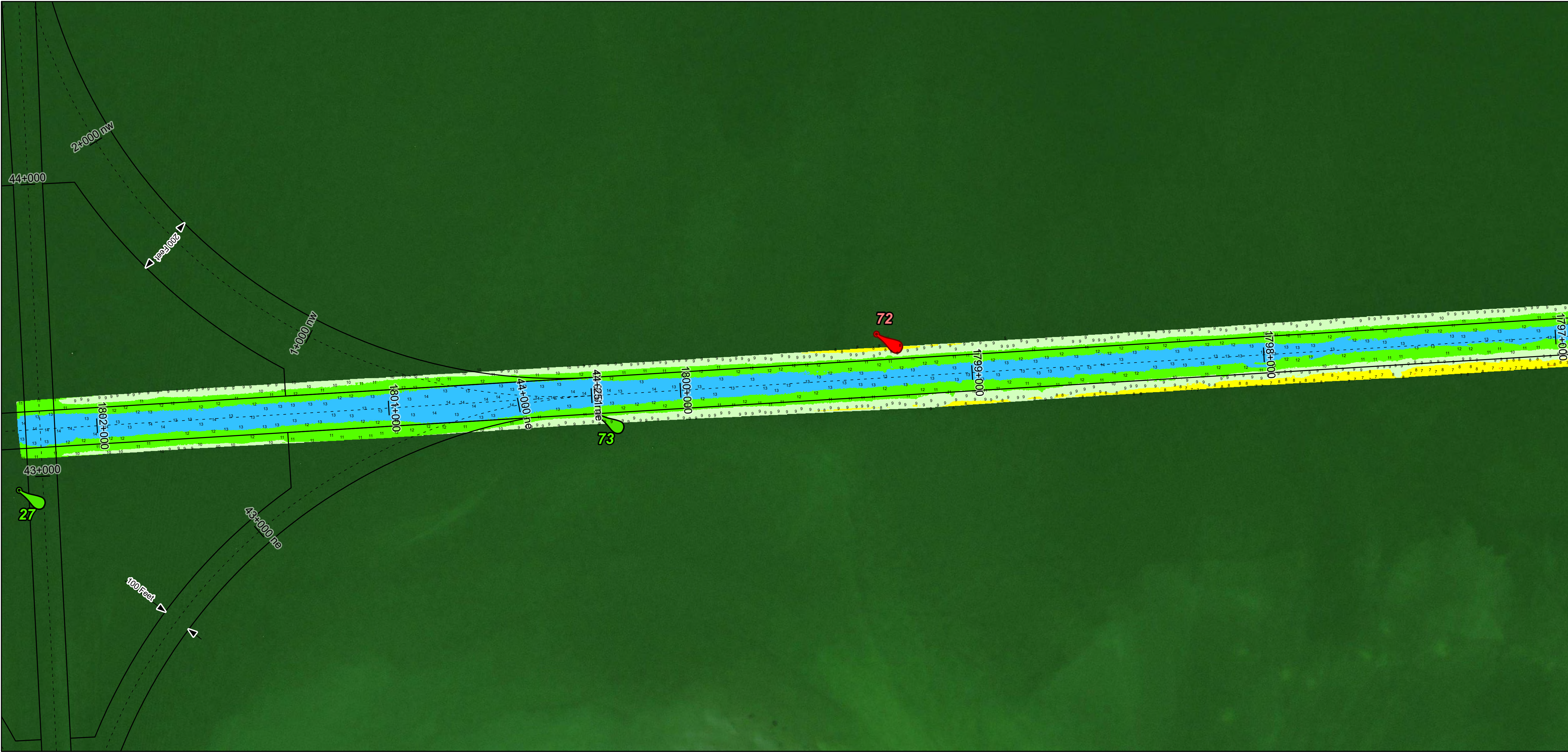
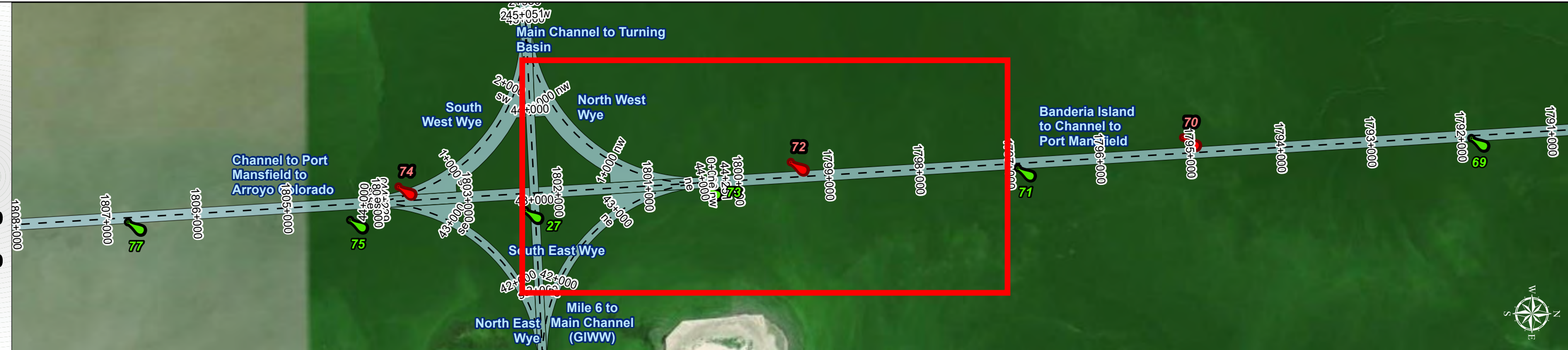
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



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.
  - 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 110.1-41.02.
  - 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:

COMB\_SURV\_INFO\_HERE

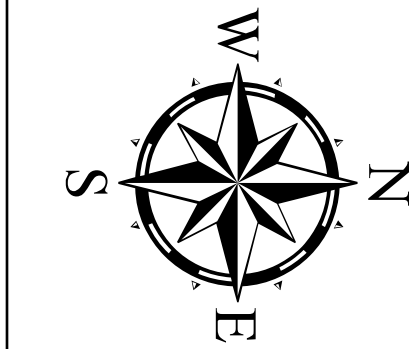
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic

Dredging Reach Extent  
0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent  
0 170 340 680 Feet

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

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



Latest Survey Collection Date: 12 May 2025  
Document Page: 30 of 30  
Scale: 1:2,000  
Mapped by: m3odnmhg  
Additional Imagery info:

Authorized Depth: -13ft.  
Width Range: 125ft to 125ft  
Side Slope Ratio: 1:1.03 (Rise : Run)  
PDF Print Date: 5/13/2025

Website Index Number: 299