

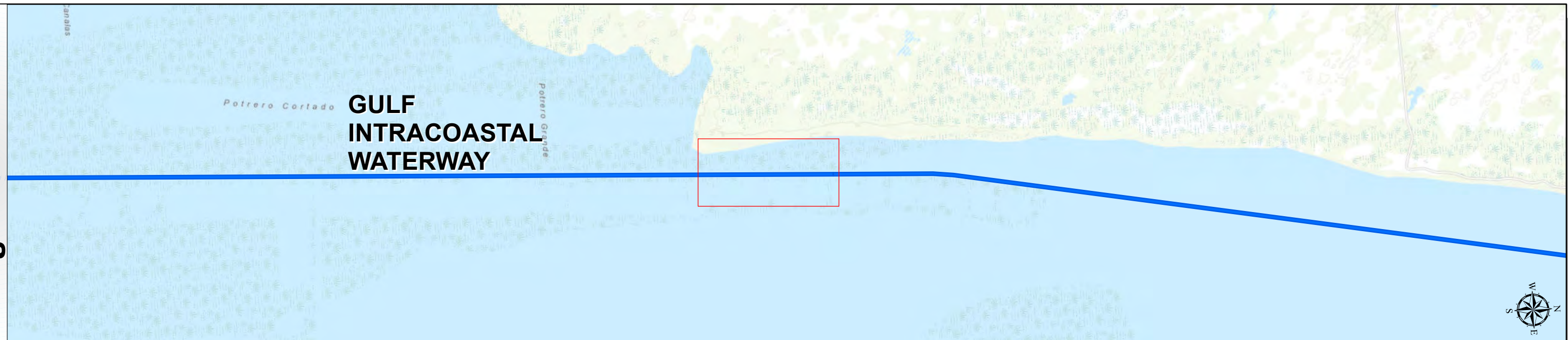
# Gulf Intracoastal Waterway: Light 175 to Banderia Island



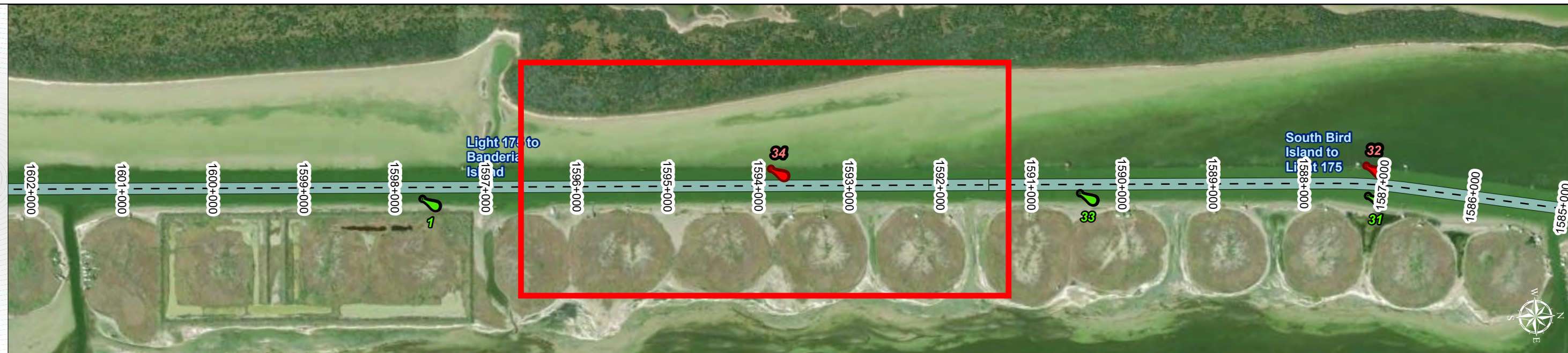
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW



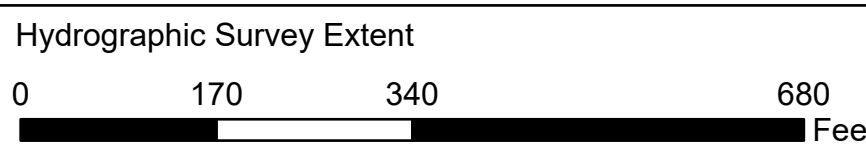
NOTES:

- 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.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

Additional Combined Survey Dates and Stationing:

Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

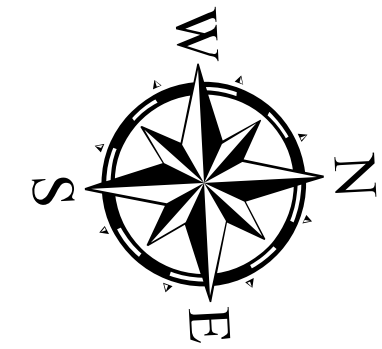
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic



**HYDROGRAPHIC SURVEY**

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

**Station: 1591+500 to 1679+500**  
**GULF INTRACOASTAL WATERWAY**  
Light 175 to Banderia Island



Latest Survey Collection Date: 13 June 2025

Document Page: 1 of 19

Website Index Number: 251

Scale: 1:2,000

Mapped by: m3odnmh

Additional Imagery info:

Authorized Depth: -13ft.

Width Range: 125ft to 125ft

Side Slope Ratio: (Rise : Run)

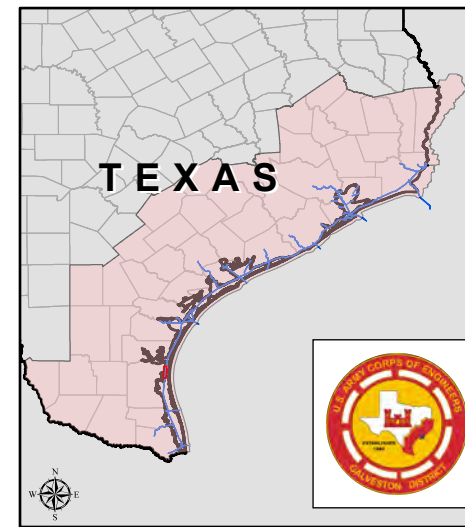
PDF Print Date: 6/18/2025



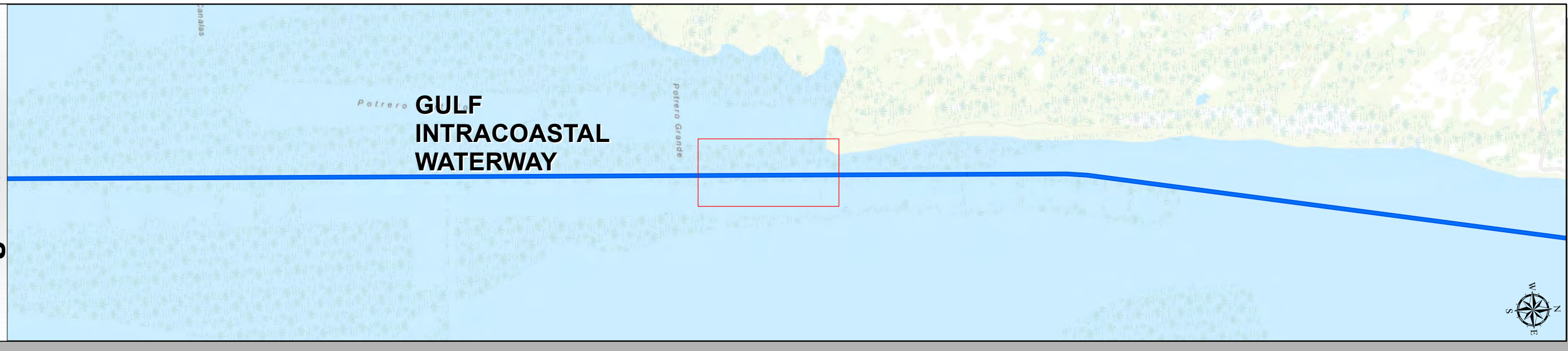
# Gulf Intracoastal Waterway: Light 175 to Banderia Island



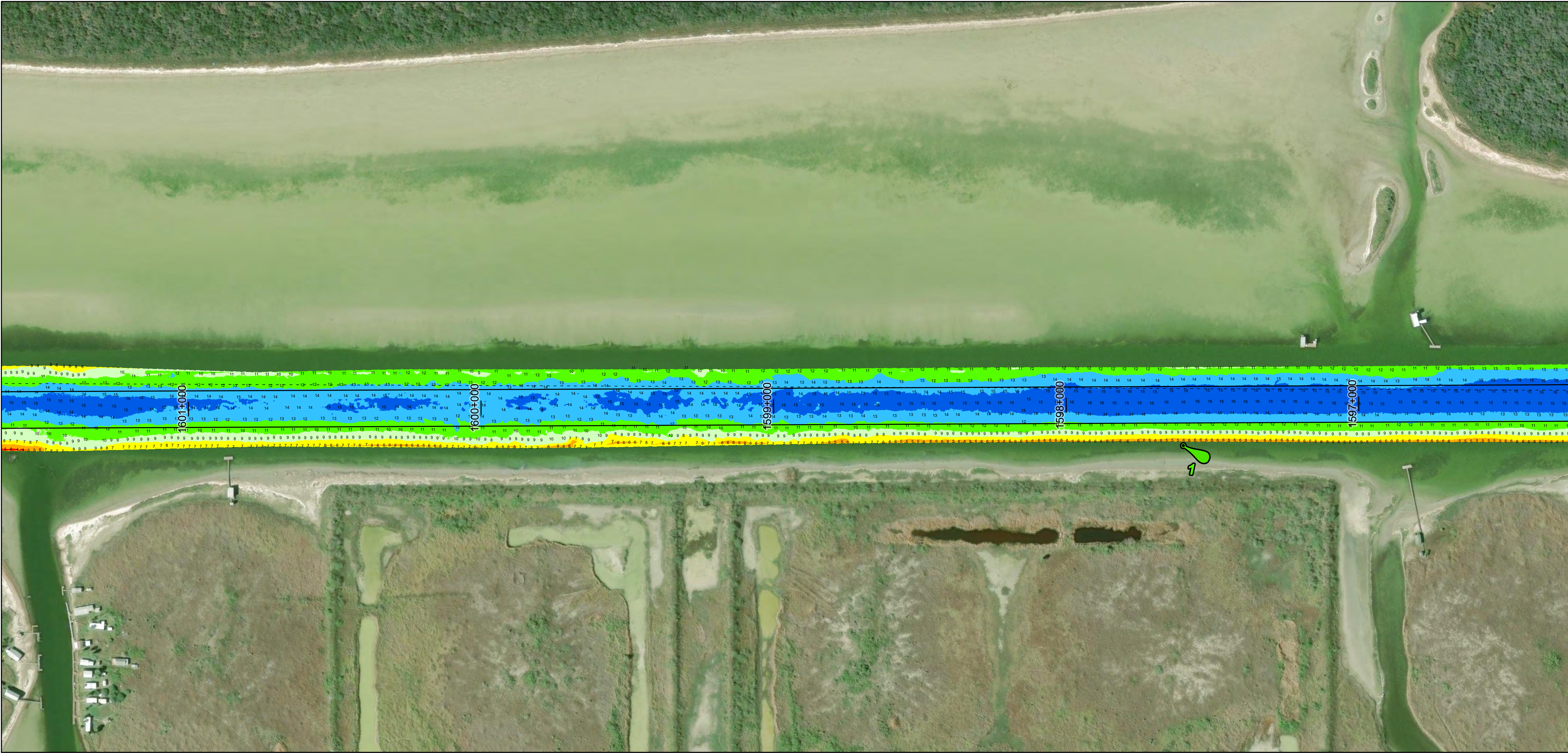
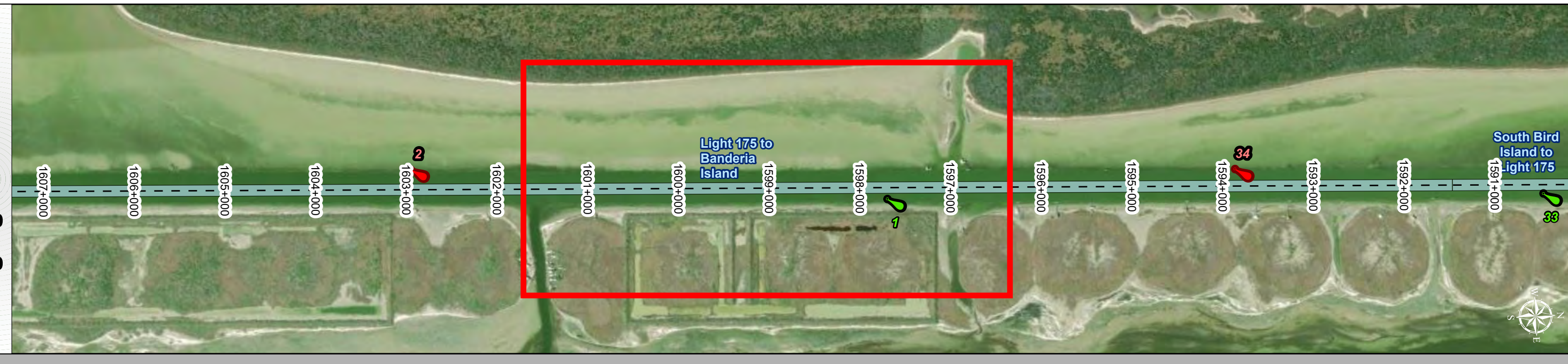
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

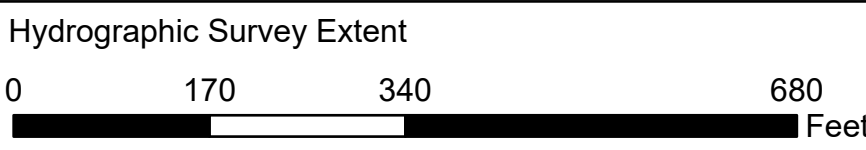
MLLW



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.swg.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

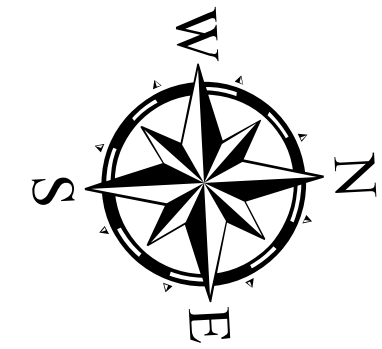
Additional Combined Survey Dates and Stationing:  
Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

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: 1591+500 to 1679+500**  
**GULF INTRACOASTAL WATERWAY**  
Light 175 to Banderia Island



Latest Survey Collection Date: 13 June 2025

Document Page: 2 of 19

Website Index Number: 252

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: 6/18/2025



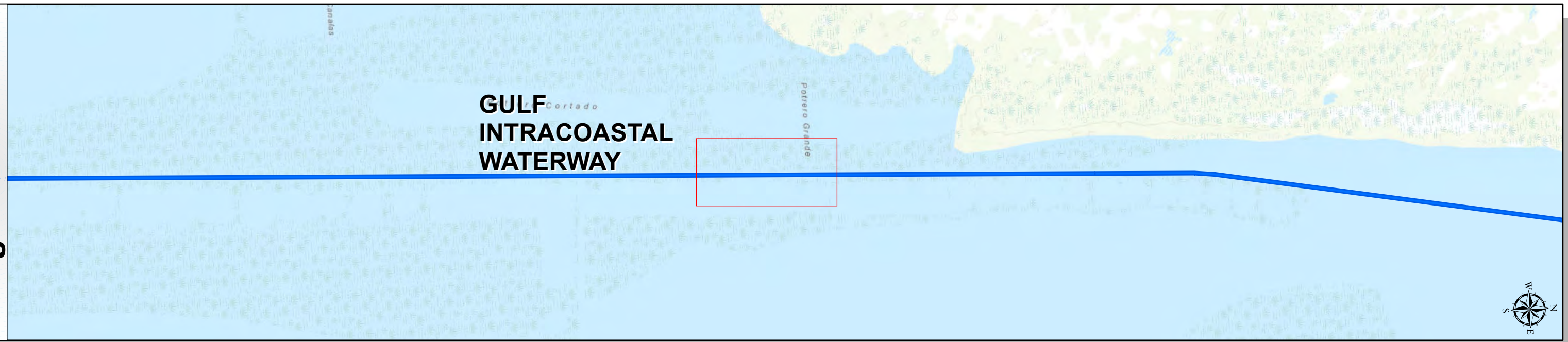
# Gulf Intracoastal Waterway: Light 175 to Banderia Island



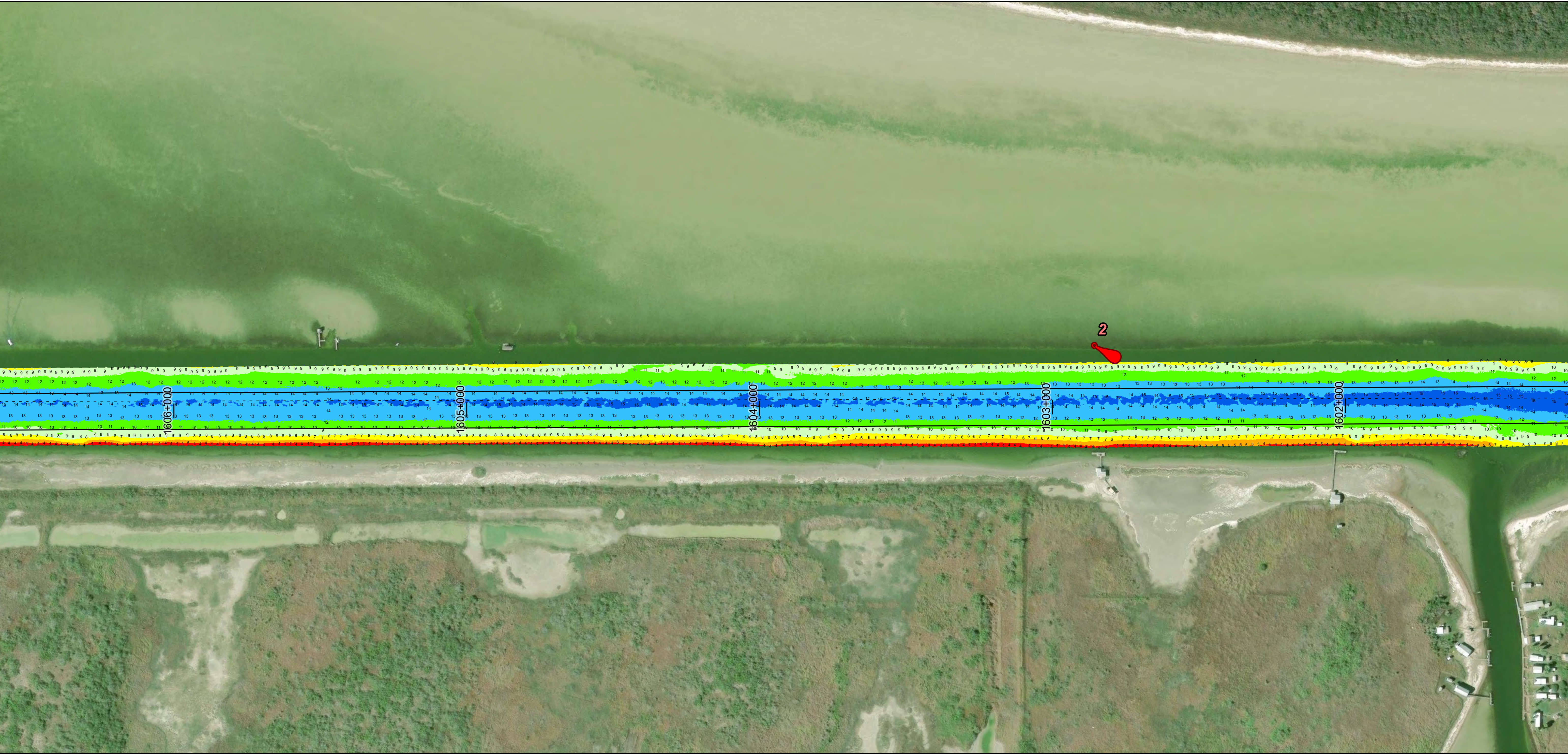
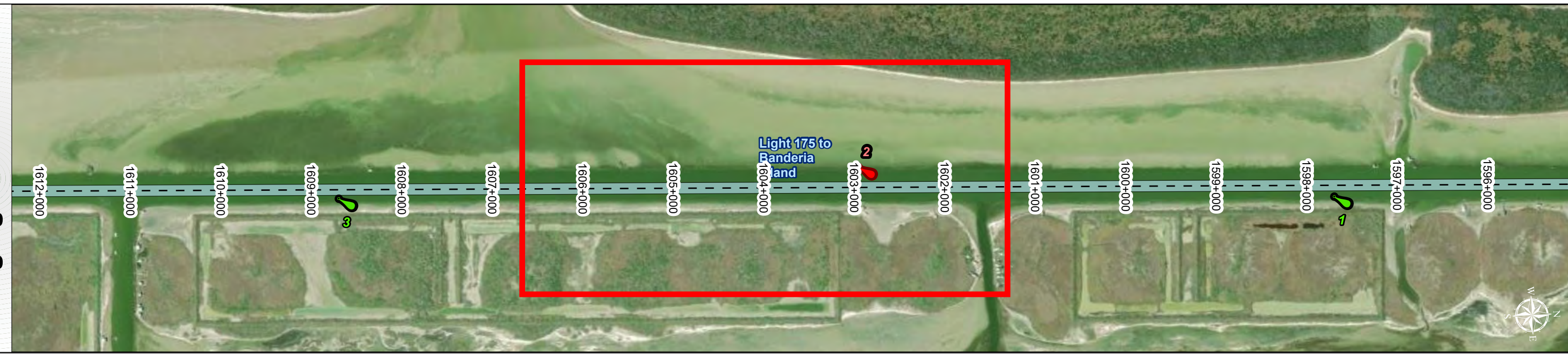
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



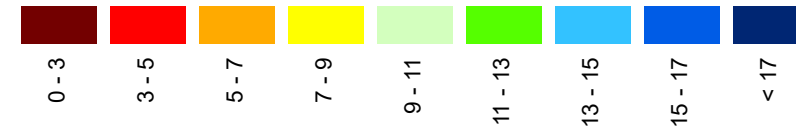
## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## MLLW

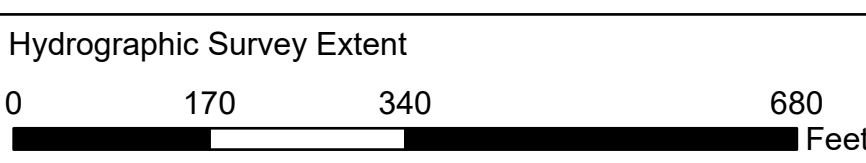


NOTES:  
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.  
2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.  
3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by er1110-1-6102.  
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 of 205.325  
5. For the most up to date information please check our website at: <http://www.swg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>  
Service Layer Credits: World Topographic Map; Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA  
World Imagery: Maxar, Microsoft  
World Imagery: Maxar

## Additional Combined Survey Dates and Stationing:

Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

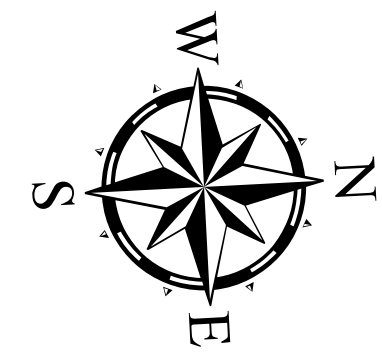
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic



## HYDROGRAPHIC SURVEY

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

Station: 1591+500 to 1679+500  
GULF INTRACOASTAL WATERWAY  
Light 175 to Banderia Island



Latest Survey Collection Date: 13 June 2025

Document Page: 3 of 19

Website Index Number: 253

Authorized Depth: -13ft.

Width Range: 125ft to 125ft

Side Slope Ratio: (Rise : Run)

PDF Print Date: 6/18/2025

Mapped by: m3odnmhg

Additional Imagery info:



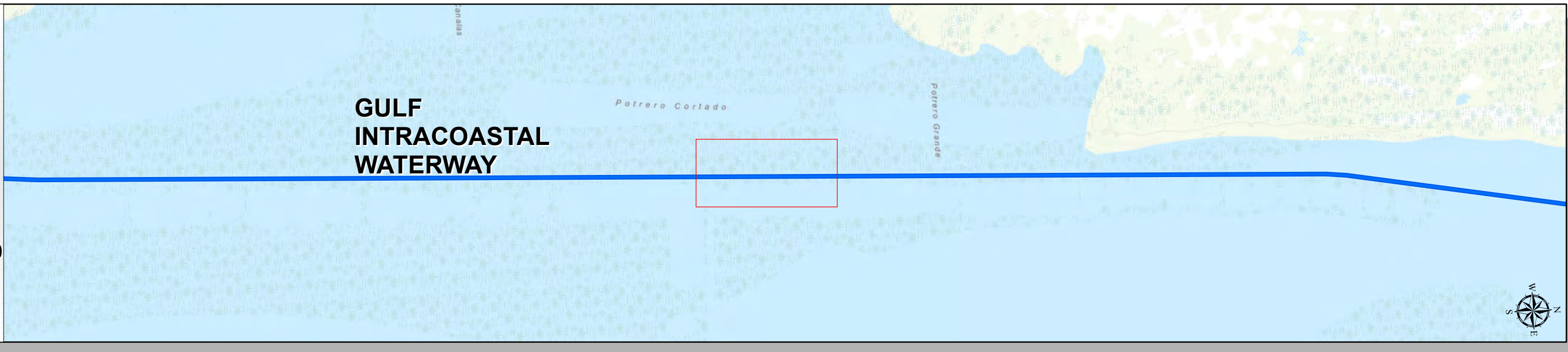
# Gulf Intracoastal Waterway: Light 175 to Banderia Island



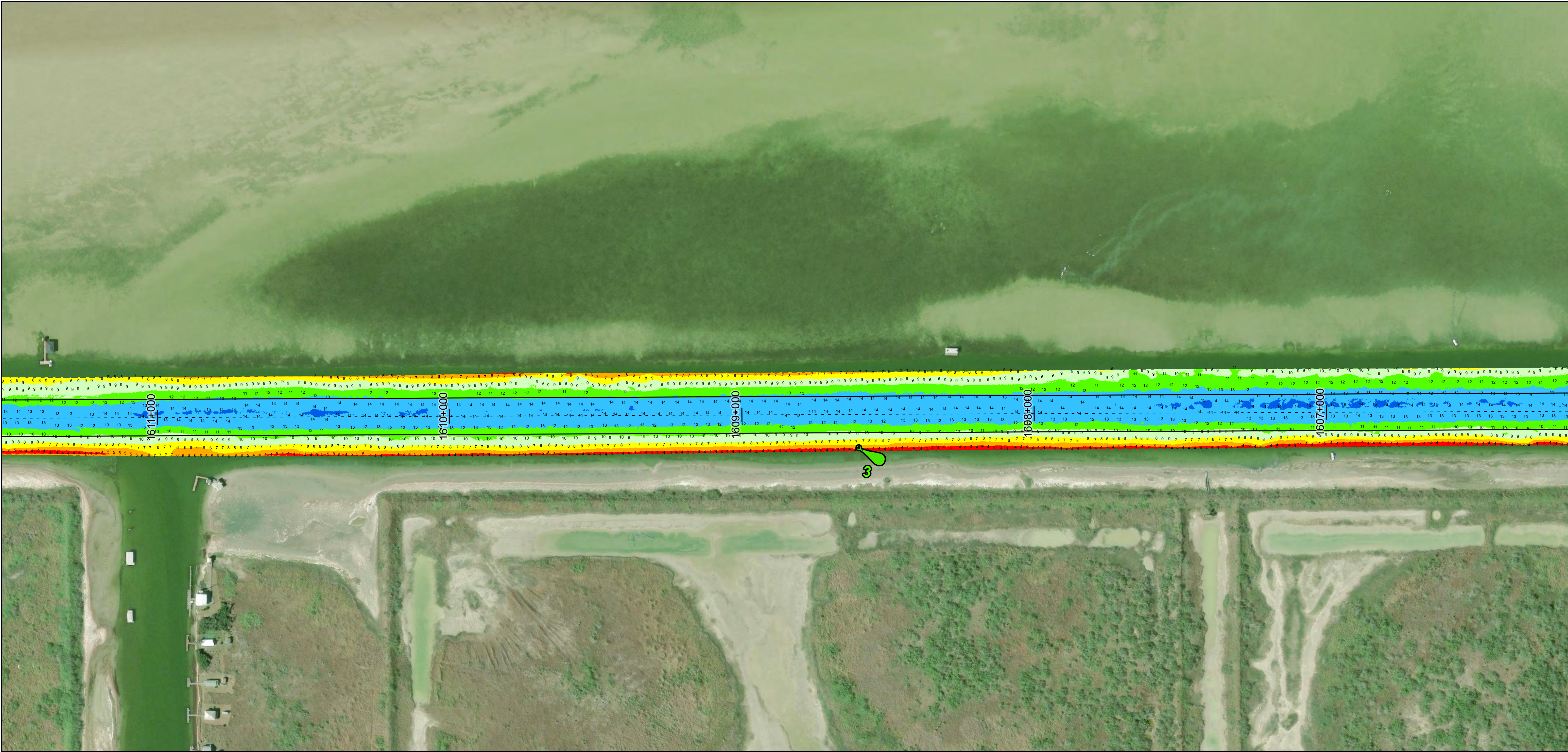
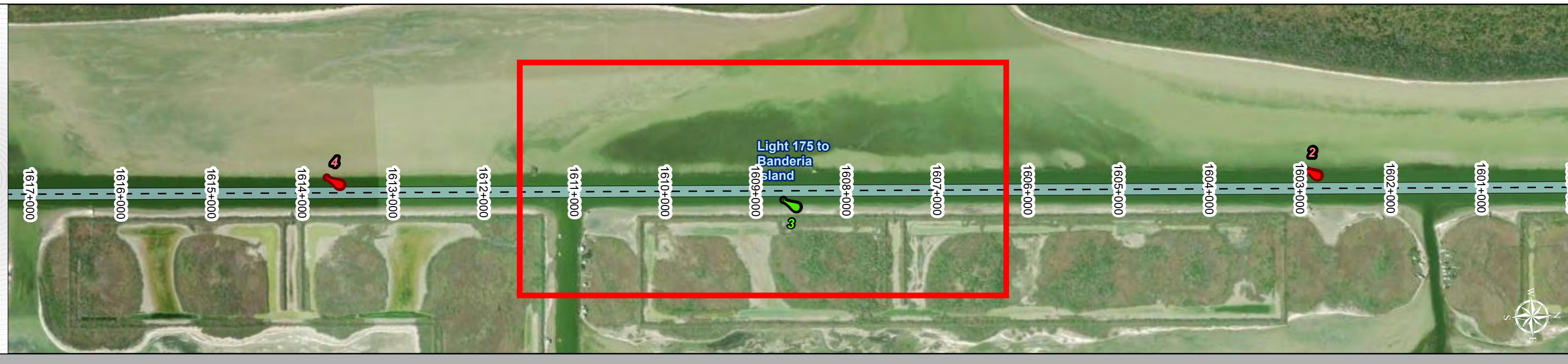
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

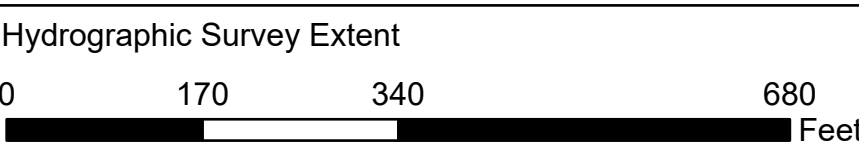
MLLW



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.sv.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

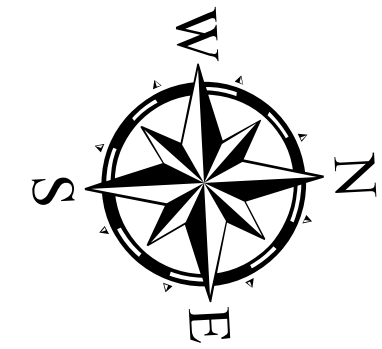
Additional Combined Survey Dates and Stationing:  
Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

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: 1591+500 to 1679+500**  
**GULF INTRACOASTAL WATERWAY**  
Light 175 to Banderia Island



Latest Survey Collection Date: 13 June 2025

Document Page: 4 of 19

Website Index Number: 254

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: 6/18/2025



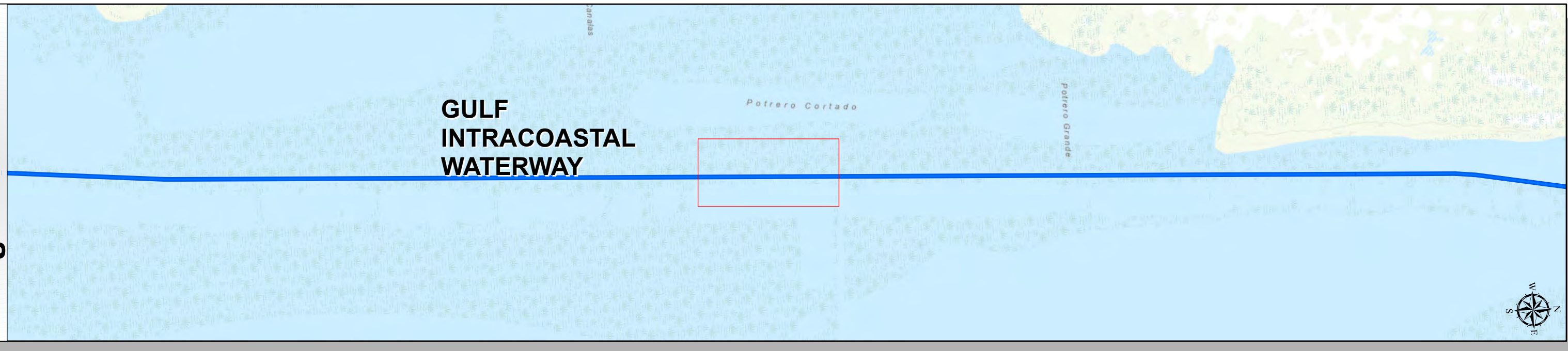
# Gulf Intracoastal Waterway: Light 175 to Banderia Island



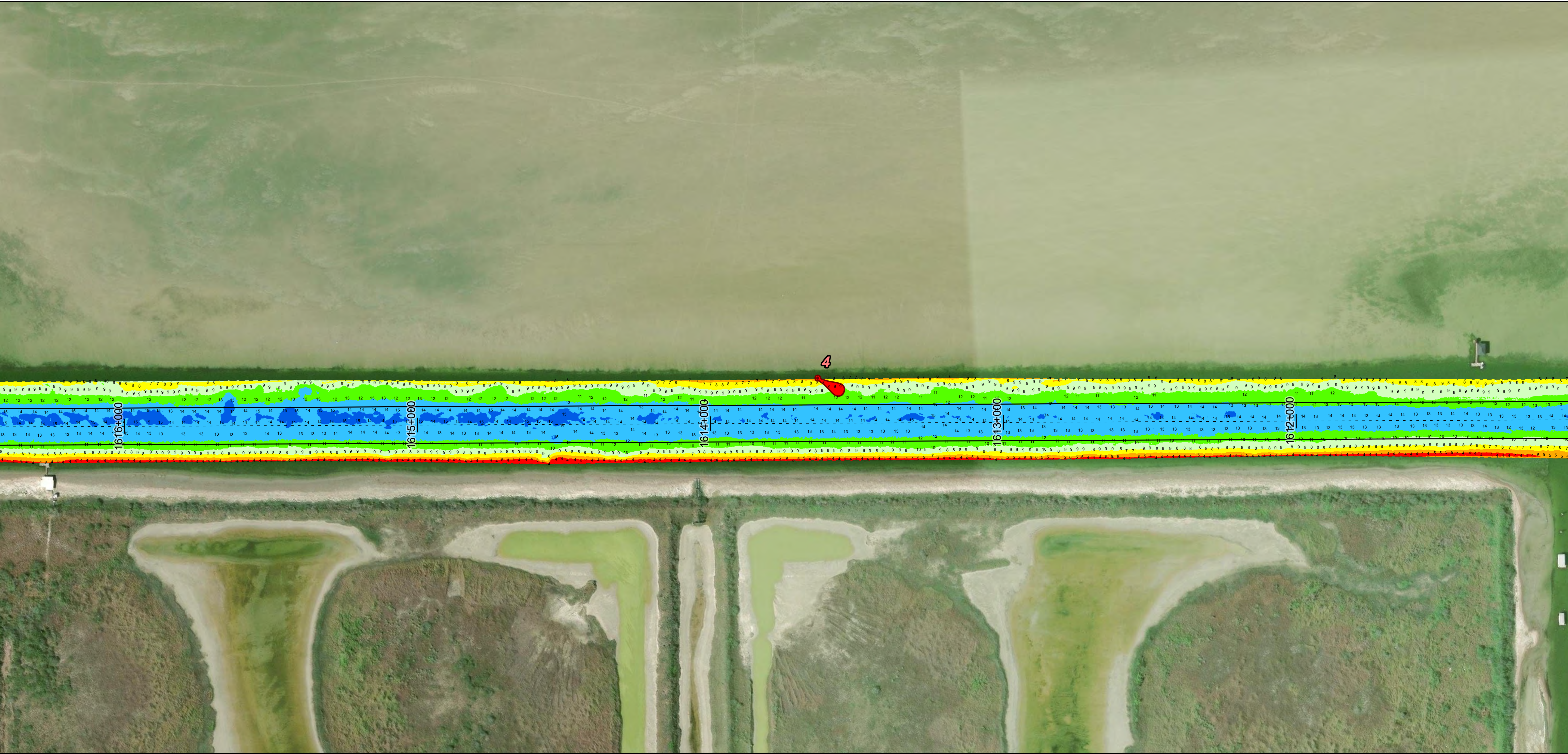
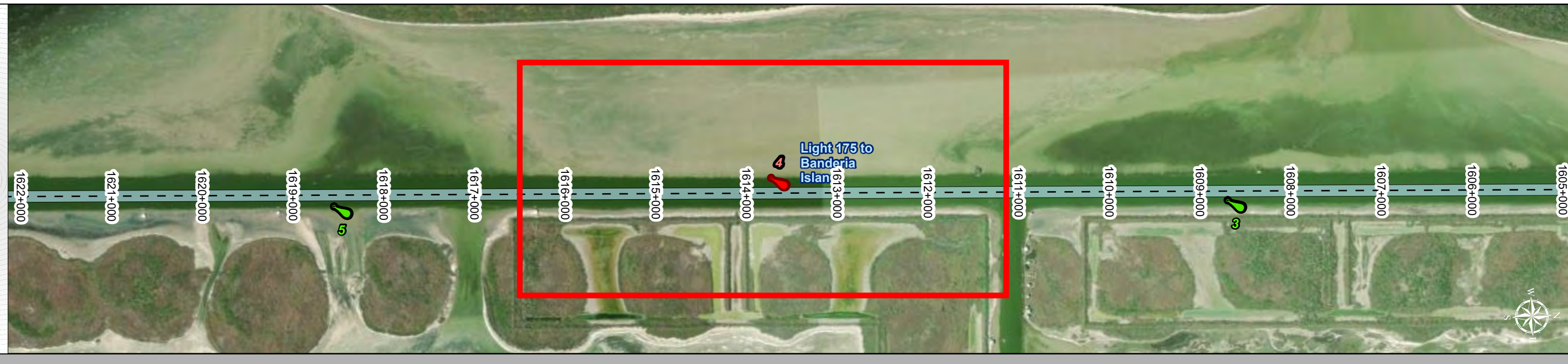
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## MLLW

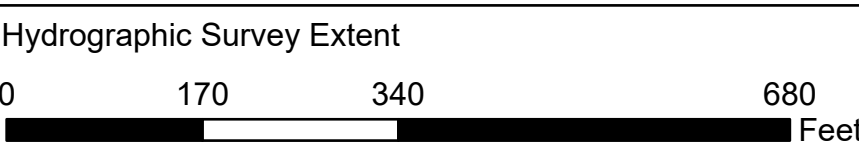


NOTES:  
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.  
2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.  
3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by 47CFR 110.1-4.102.  
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

## Additional Combined Survey Dates and Stationing:

Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

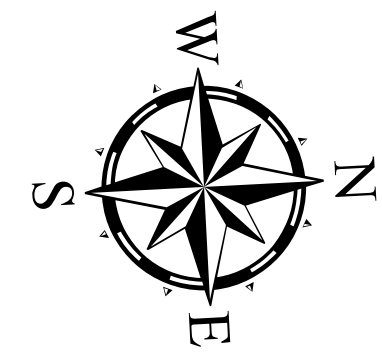
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic



## HYDROGRAPHIC SURVEY

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

Station: 1591+500 to 1679+500  
GULF INTRACOASTAL WATERWAY  
Light 175 to Banderia Island



Latest Survey Collection Date: 13 June 2025

Document Page: 5 of 19

Website Index Number: 255

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: 6/18/2025



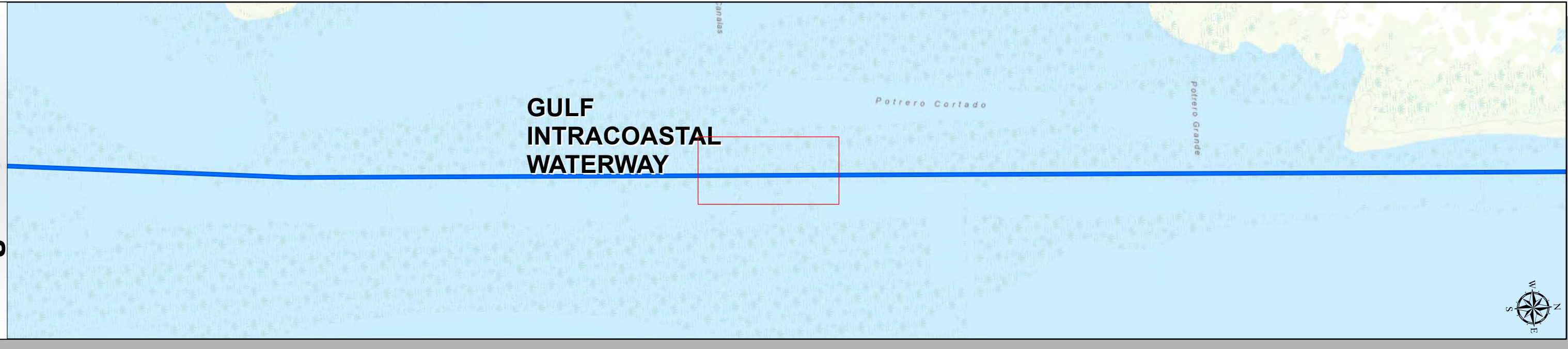
# Gulf Intracoastal Waterway: Light 175 to Banderia Island



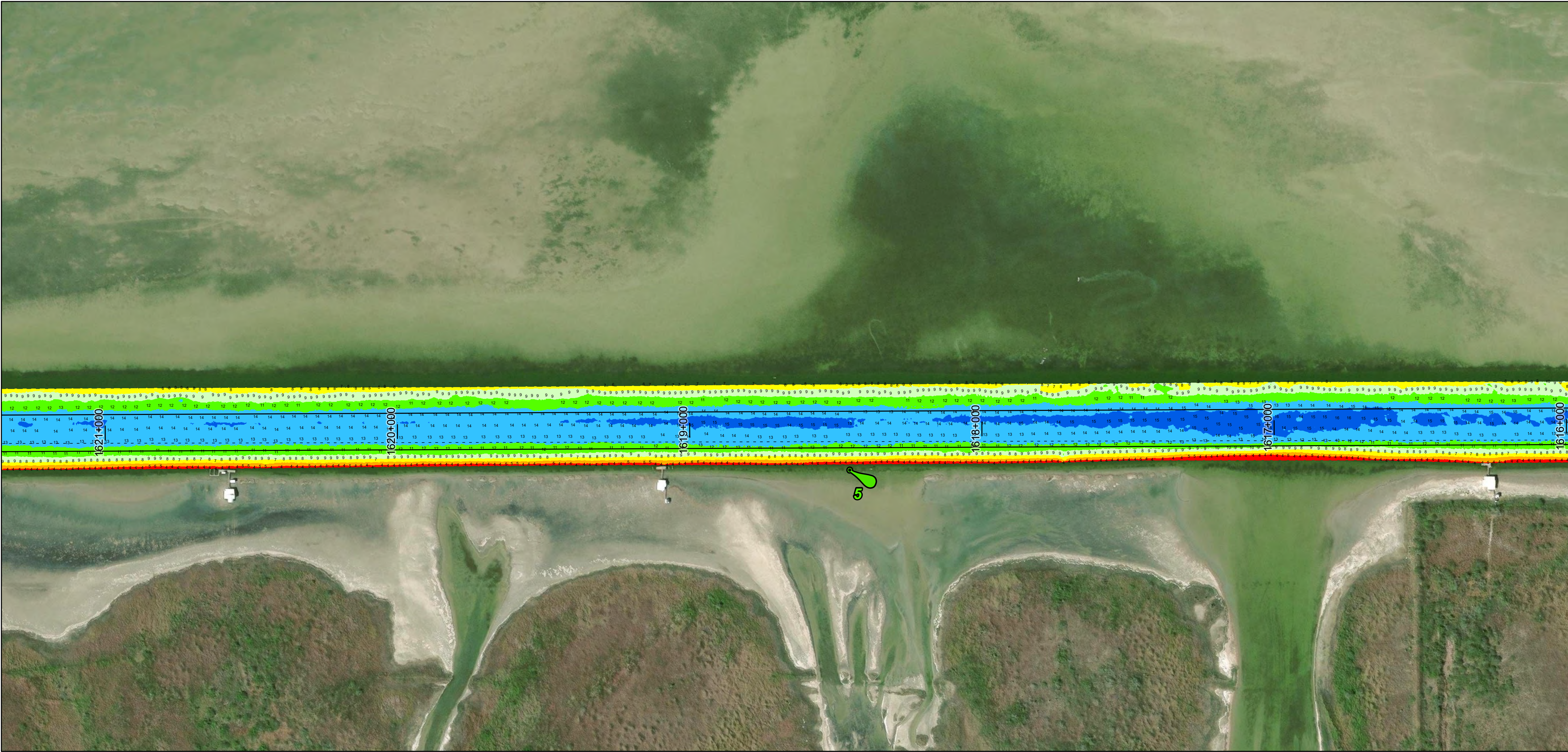
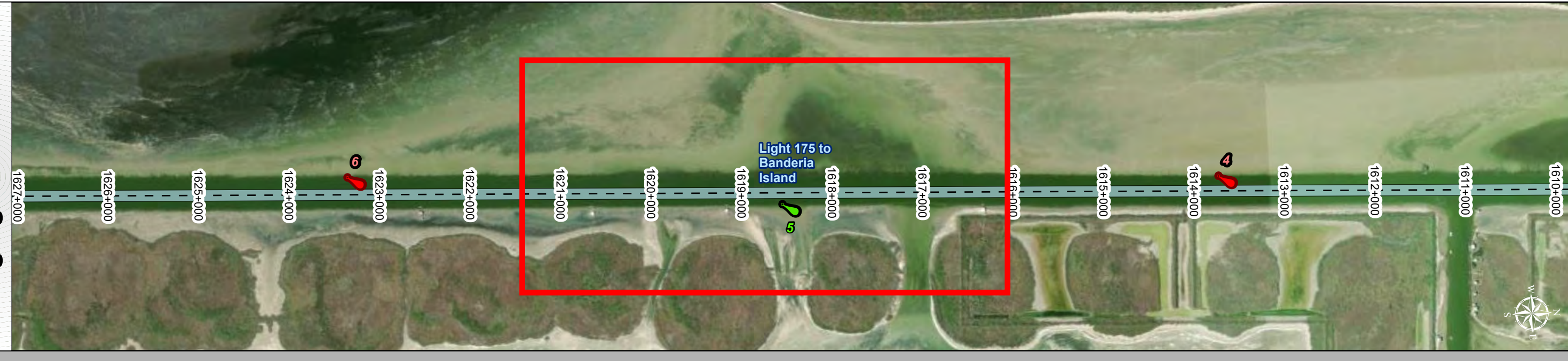
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

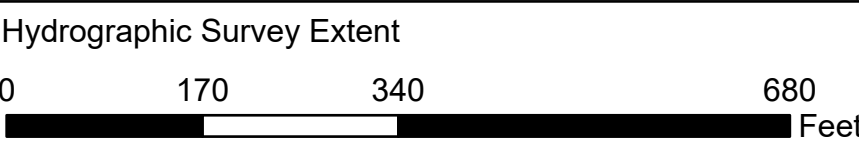


NOTES:  
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.  
2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.  
3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by 47CFR 110.1-41102.  
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.sv.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

Additional Combined Survey Dates and Stationing:

Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

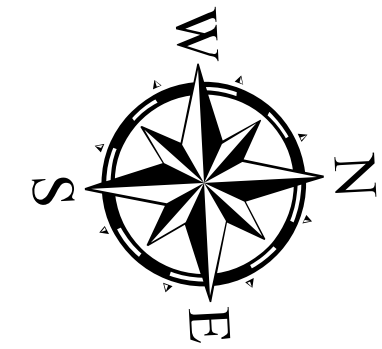
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic



**HYDROGRAPHIC SURVEY**

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

**Station: 1591+500 to 1679+500**  
**GULF INTRACOASTAL WATERWAY**  
Light 175 to Banderia Island



Latest Survey Collection Date: 13 June 2025

Document Page: 6 of 19

Website Index Number: 256

Authorized Depth: -13ft.

Width Range: 125ft to 125ft

Side Slope Ratio: (Rise : Run)

PDF Print Date: 6/18/2025

Additional Imagery info:



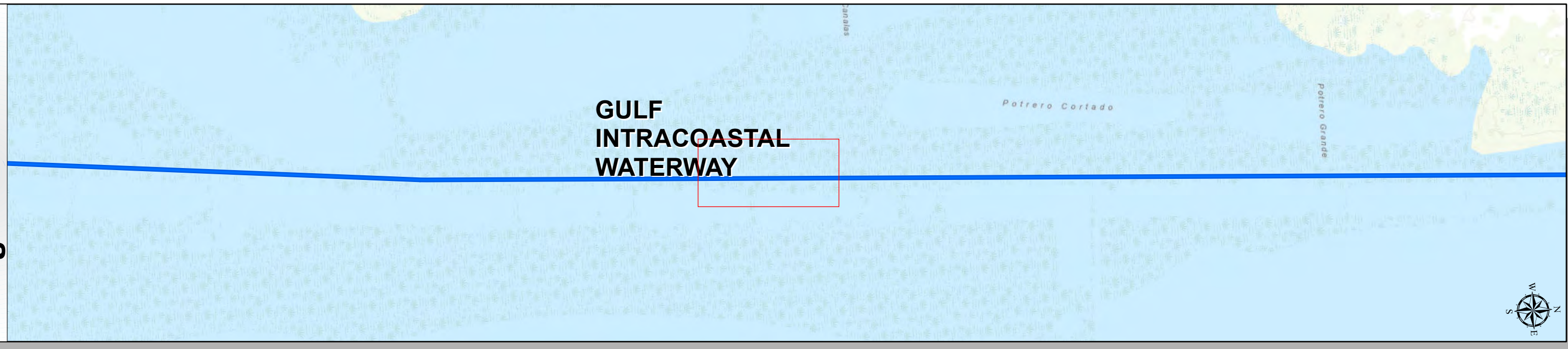
# Gulf Intracoastal Waterway: Light 175 to Banderia Island



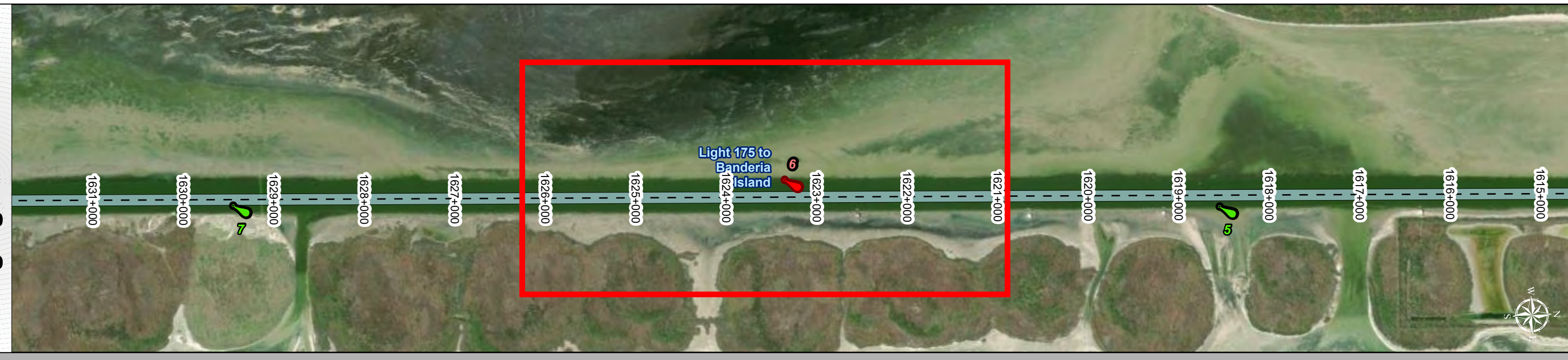
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## MLLW

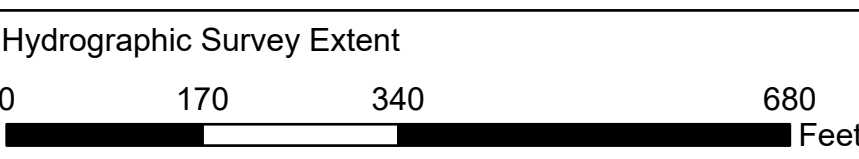


NOTES:  
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.  
2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.  
3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and 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.swg.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

## Additional Combined Survey Dates and Stationing:

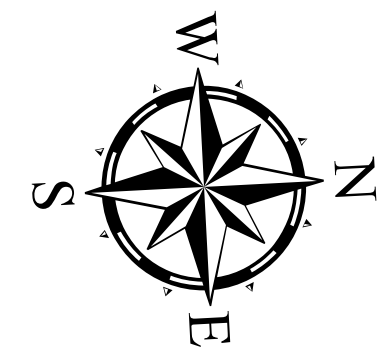
Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

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: 1591+500 to 1679+500  
GULF INTRACOASTAL WATERWAY  
Light 175 to Banderia Island



Latest Survey Collection Date: 13 June 2025  
Document Page: 7 of 19  
Scale: 1:2,000  
Mapped by: m3odnmhg  
Additional Imagery info:

Authorized Depth: -13ft.

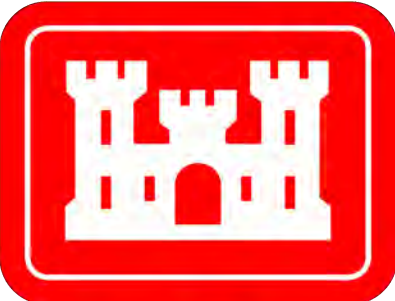
Width Range: 125ft to 125ft

Side Slope Ratio: (Rise : Run)


PDF Print Date: 6/18/2025



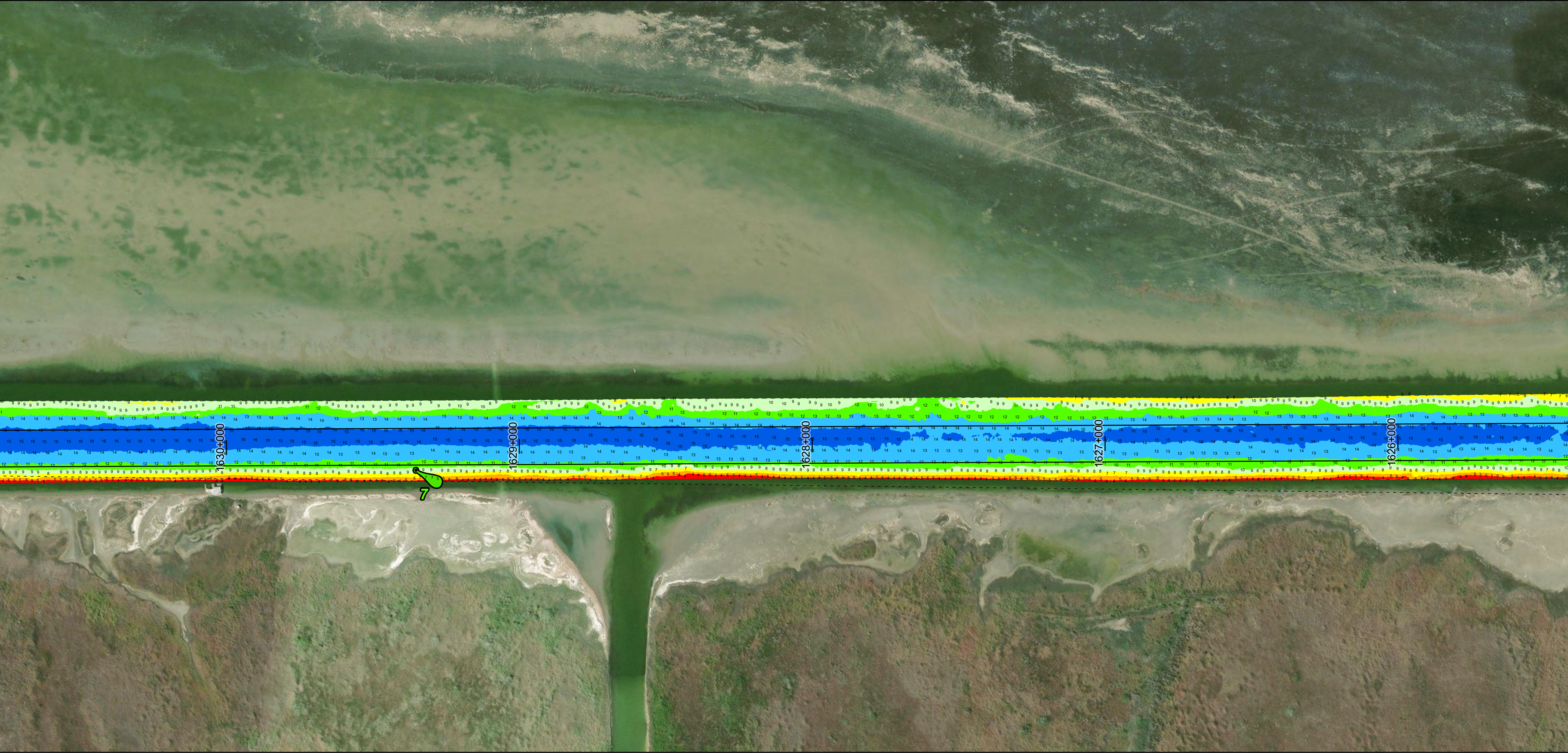
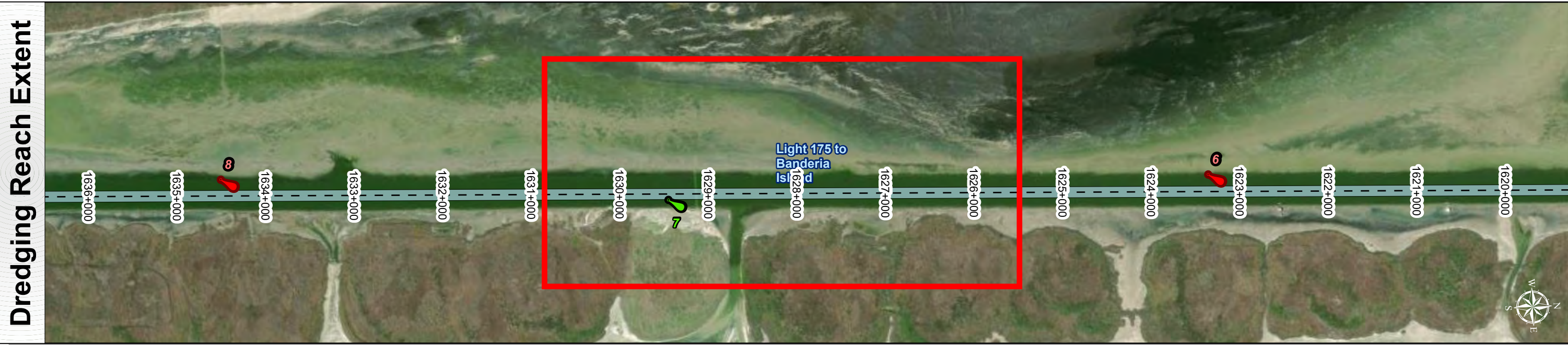
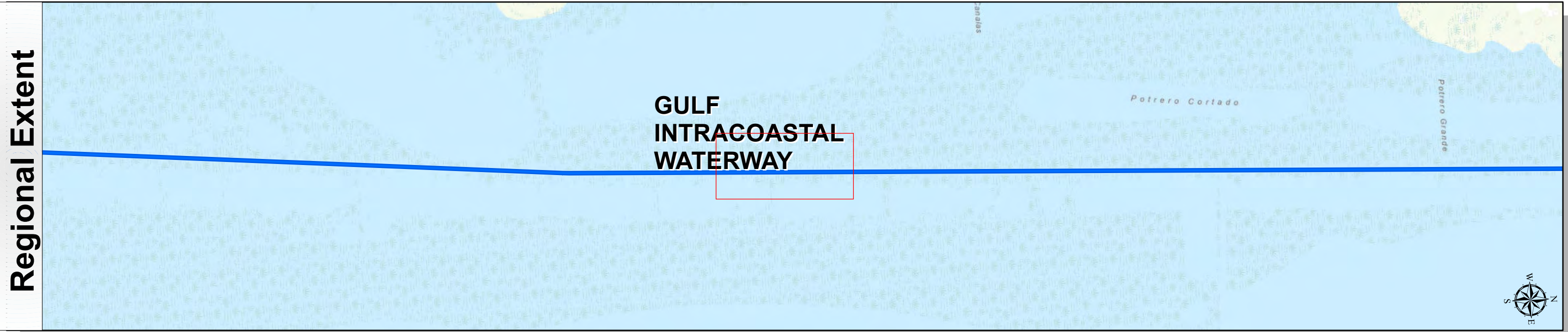
# Gulf Intracoastal Waterway: Light 175 to Banderia Island



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

**MLLW**

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 47 USC 1610-1-4102.
- 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

**Additional Combined Survey Dates and Stationing:**

Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

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

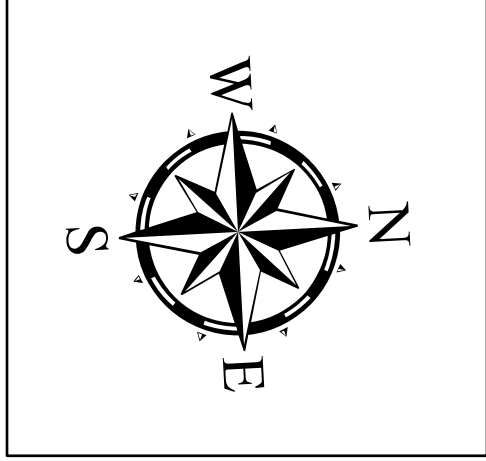
**Dredging Reach Extent**

0 0.2 0.4 0.8 Miles

**Hydrographic Survey Extent**

0 170 340 680 Feet

Latest Survey Collection Date: 13 June 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 8 of 19	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 6/18/2025
Mapped by: m3odnmhg	
Additional Imagery info:	



**HYDROGRAPHIC SURVEY**

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

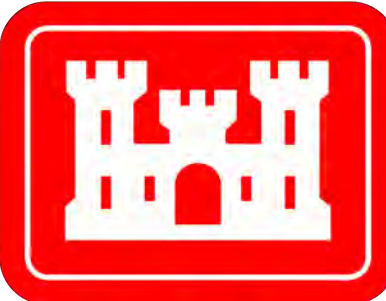
**Station: 1591+500 to 1679+500**

**GULF INTRACOASTAL WATERWAY**

Light 175 to Banderia Island

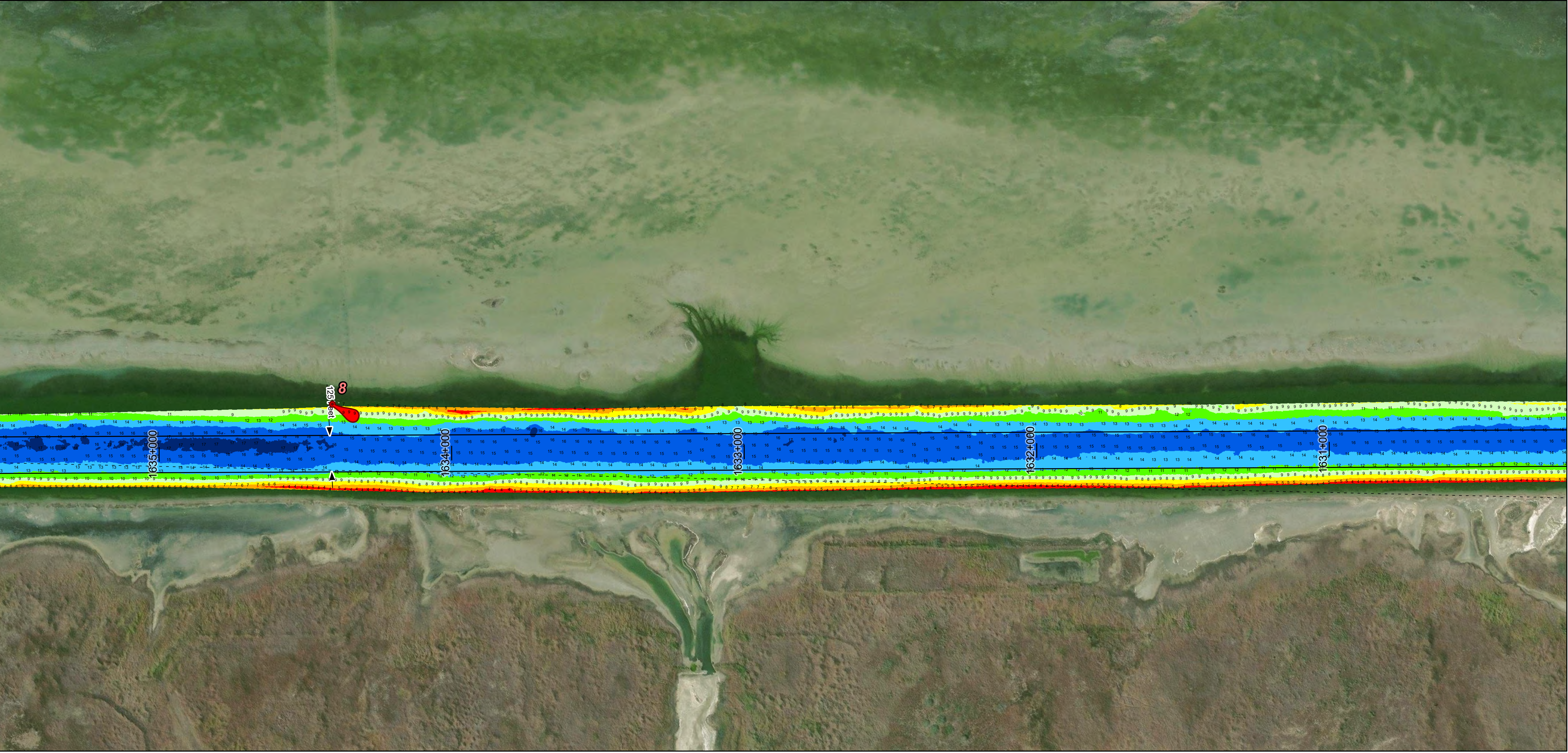
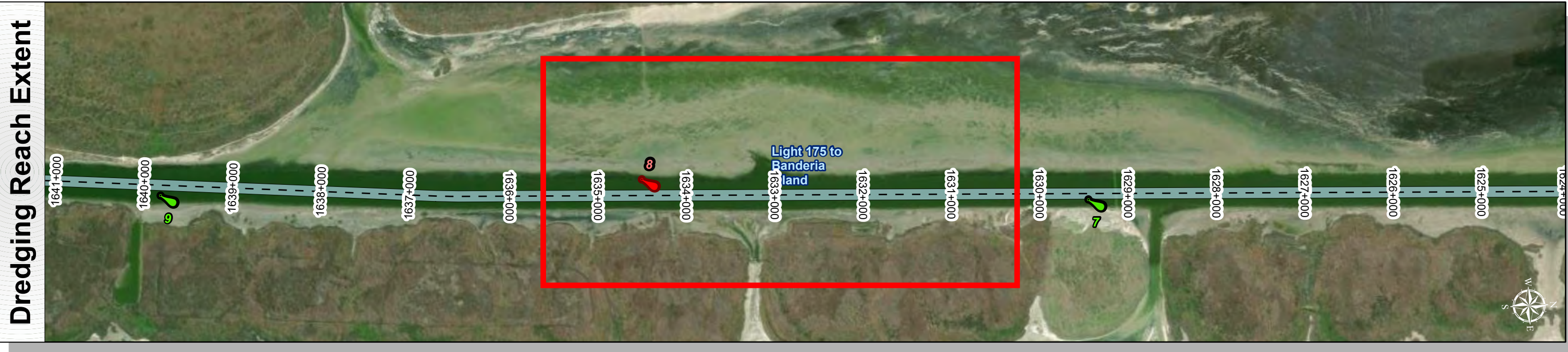


# Gulf Intracoastal Waterway: Light 175 to Banderia Island



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

**MLLW**

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

NOTES:  
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South 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.swg.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

Additional Combined Survey Dates and Stationing:  
Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

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

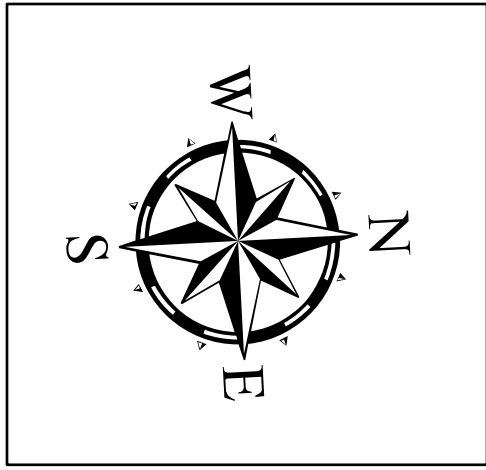
Dredging Reach Extent

0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent

0 170 340 680 Feet

Latest Survey Collection Date: 13 June 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 9 of 19	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 6/18/2025
Mapped by: m3odnmhg	
Additional Imagery info:	



**HYDROGRAPHIC SURVEY**

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

**Station: 1591+500 to 1679+500**

**GULF INTRACOASTAL WATERWAY**

Light 175 to Banderia Island



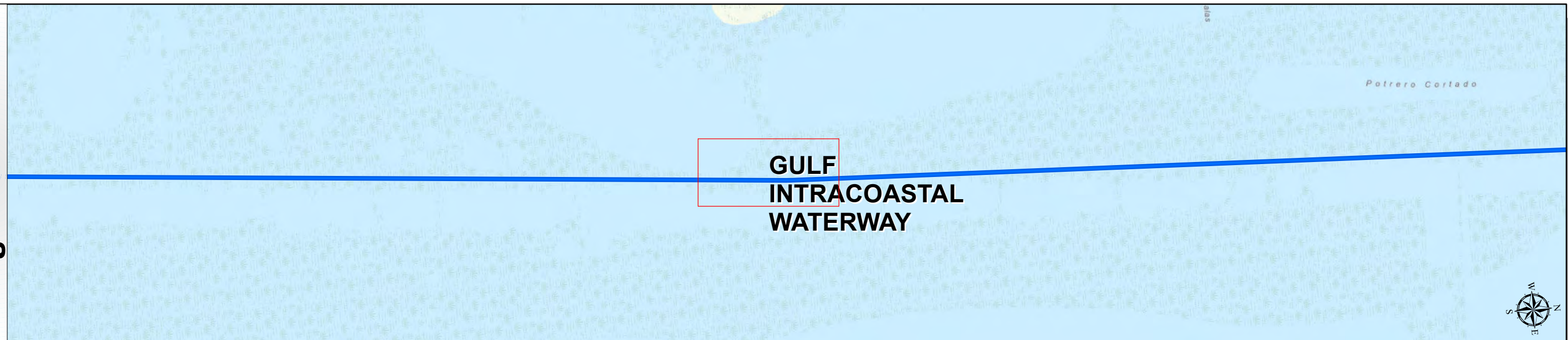
# Gulf Intracoastal Waterway: Light 175 to Banderia Island



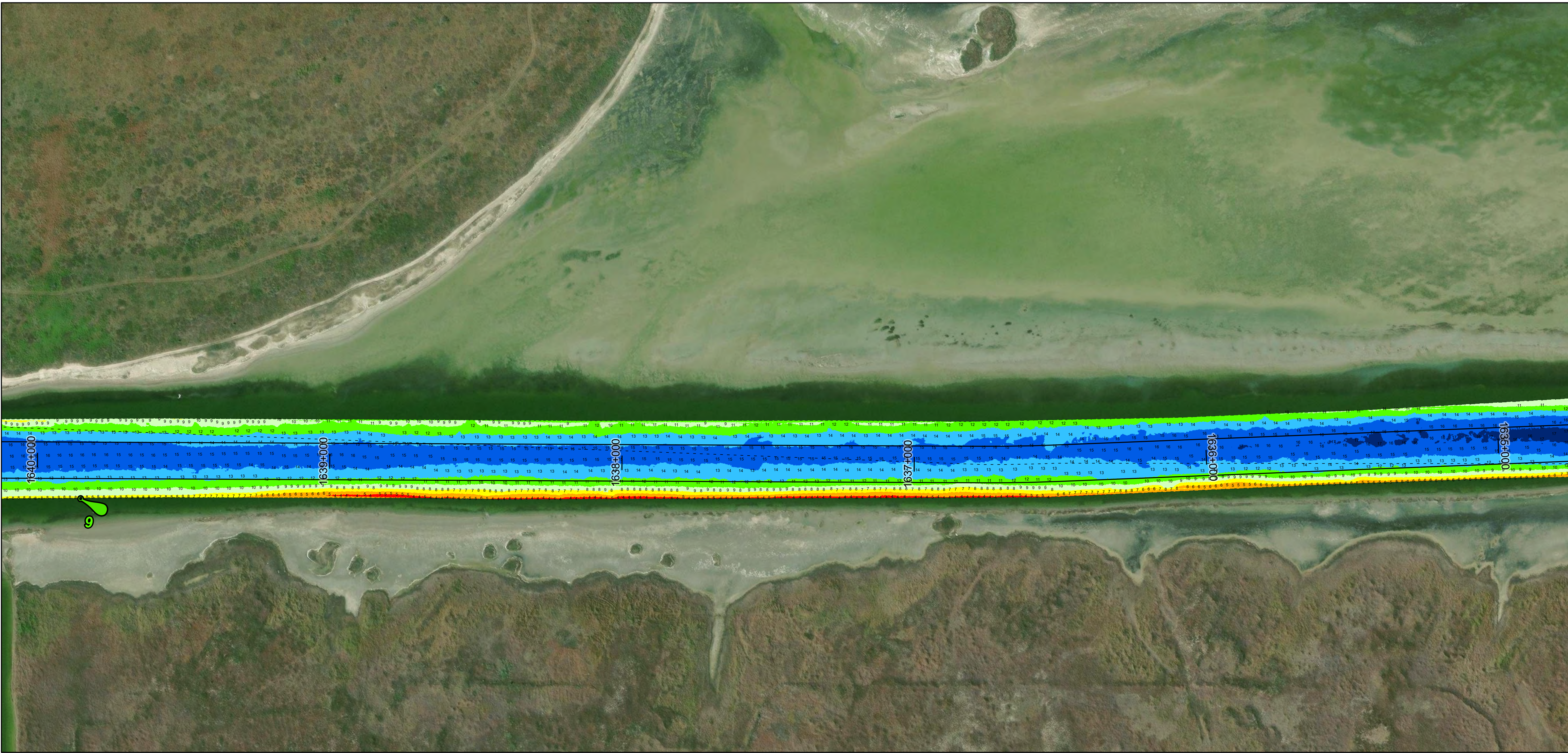
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

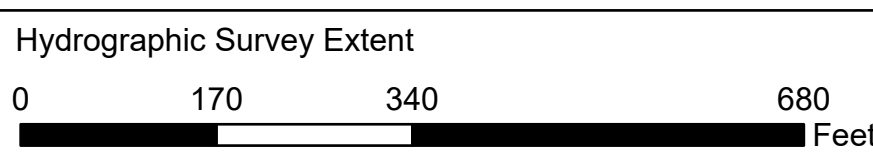


NOTES:  
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.  
2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.  
3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by er1110-1-6102.  
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, METINASA, NGA, EPA, USDA  
World Imagery: Maxar, Microsoft  
World Imagery: Maxar

Additional Combined Survey Dates and Stationing:

Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

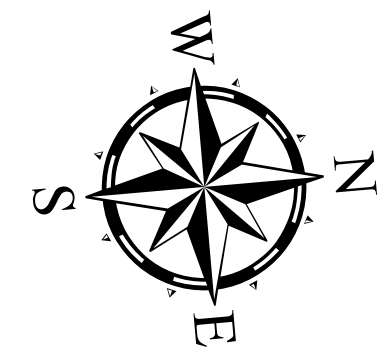
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic



**HYDROGRAPHIC SURVEY**

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

**Station: 1591+500 to 1679+500**  
**GULF INTRACOASTAL WATERWAY**  
Light 175 to Banderia Island



Latest Survey Collection Date: 13 June 2025

Document Page: 10 of 19

Website Index Number: 260

Scale: 1:2,000

Mapped by: m3odnmhg

Additional Imagery info:

Authorized Depth: -13ft.

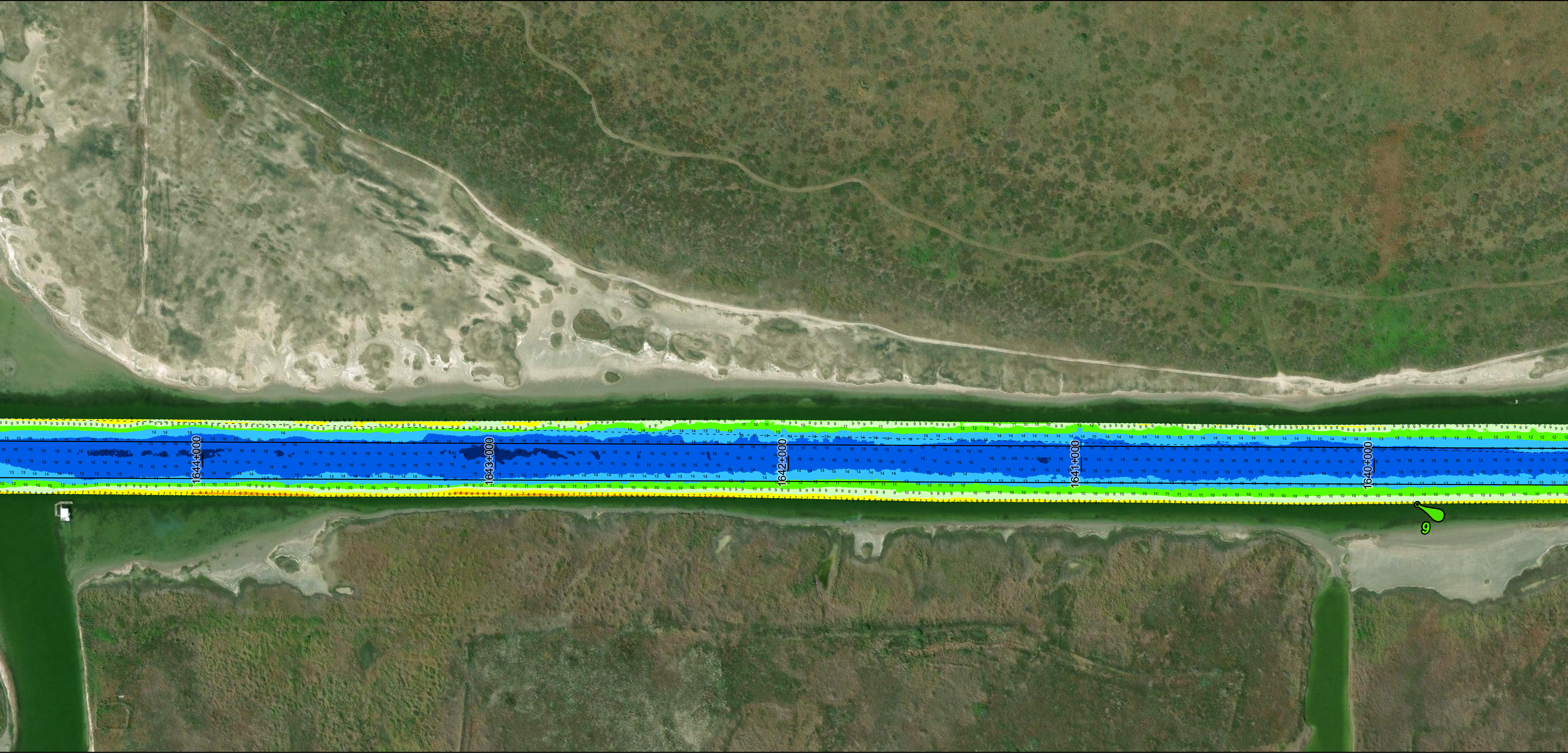
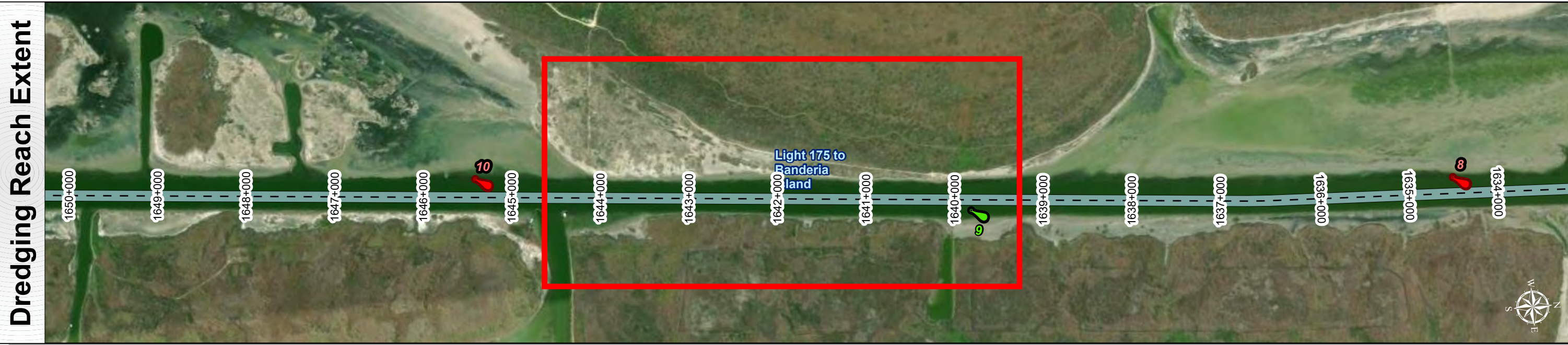
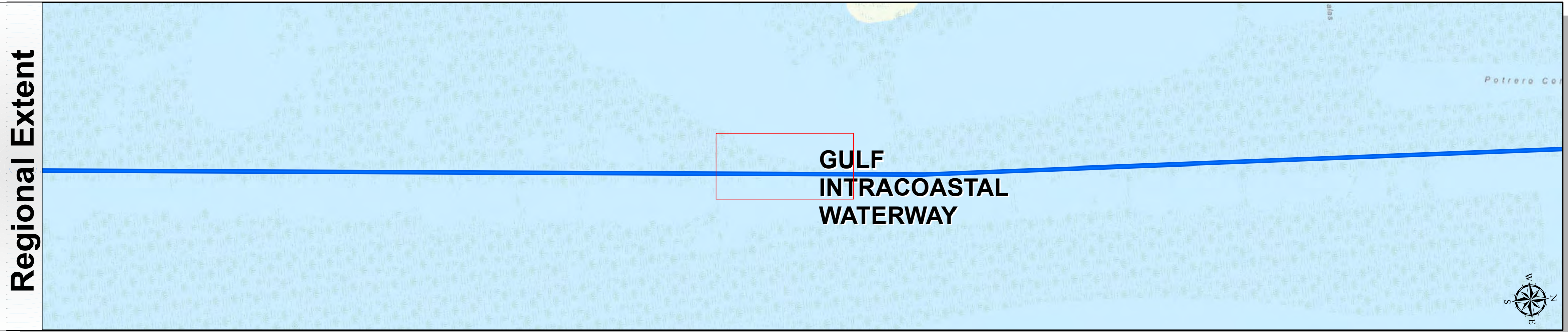
Width Range: 125ft to 125ft

Side Slope Ratio: (Rise : Run)

PDF Print Date: 6/18/2025



# Gulf Intracoastal Waterway: Light 175 to Banderia Island



**Channel Features**

- Channel Center Line
- Channel Toe
- Channel Dimensions

**Aids to Navigation**

- Green Side Aids
- Red Side Aids
- Lights

**MLLW**

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17
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 110.1-4102.  
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

Additional Combined Survey Dates and Stationing:  
Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

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

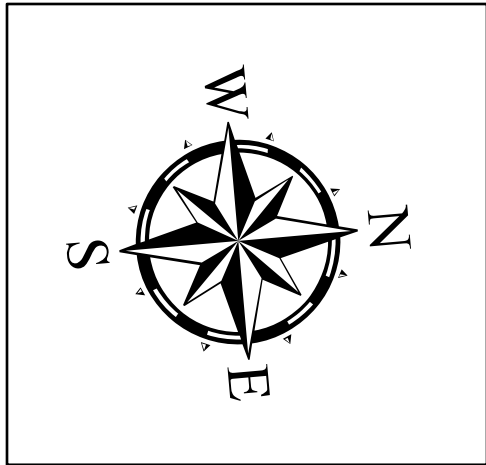
Dredging Reach Extent

0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent

0 170 340 680 Feet

Latest Survey Collection Date: 13 June 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 11 of 19	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 6/18/2025
Mapped by: m3odnmhg	
Additional Imagery info:	



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

**Station: 1591+500 to 1679+500**  
**GULF INTRACOASTAL WATERWAY**  
Light 175 to Banderia Island



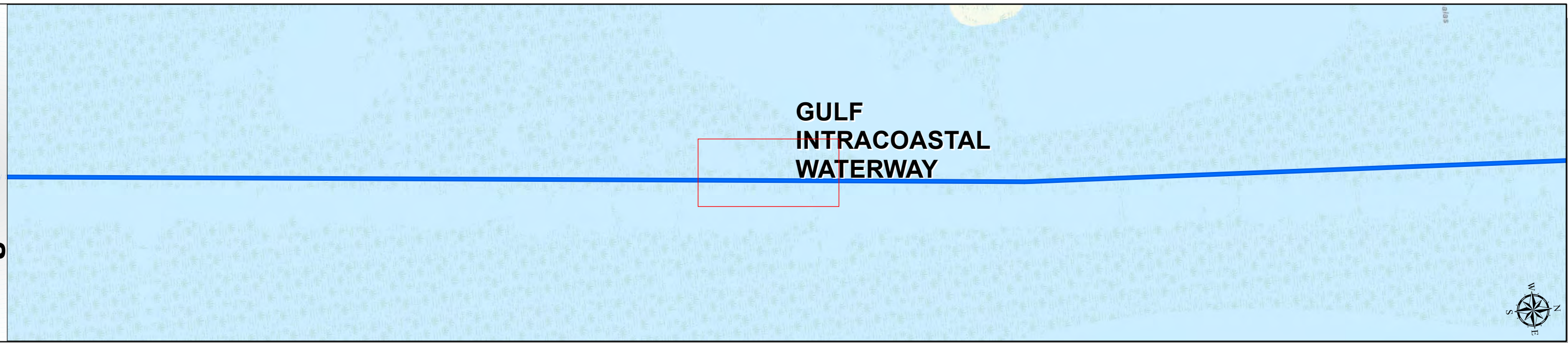
# Gulf Intracoastal Waterway: Light 175 to Banderia Island



U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



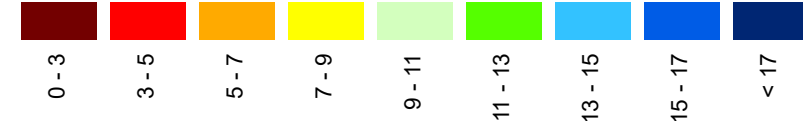
Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

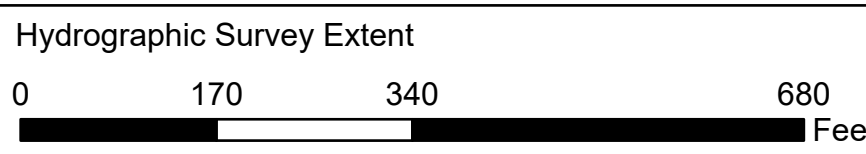
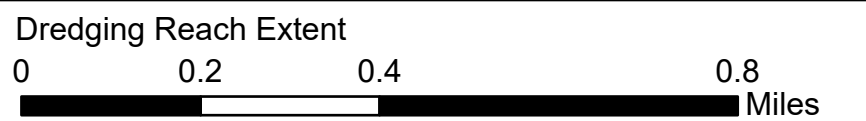


NOTES:  
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.  
2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.  
3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and 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

Additional Combined Survey Dates and Stationing:

Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

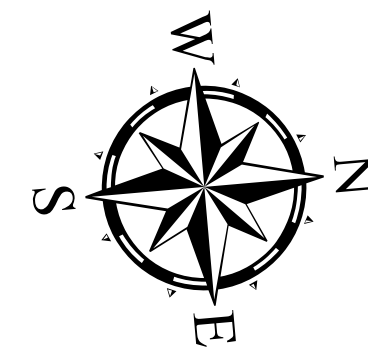
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic



**HYDROGRAPHIC SURVEY**

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

**Station: 1591+500 to 1679+500**  
**GULF INTRACOASTAL WATERWAY**  
Light 175 to Banderia Island



Latest Survey Collection Date: 13 June 2025  
Document Page: 12 of 19  
Scale: 1:2,000  
Mapped by: m3odnmhg  
Additional Imagery info:

Authorized Depth: -13ft.

Width Range: 125ft to 125ft

Side Slope Ratio: (Rise : Run)

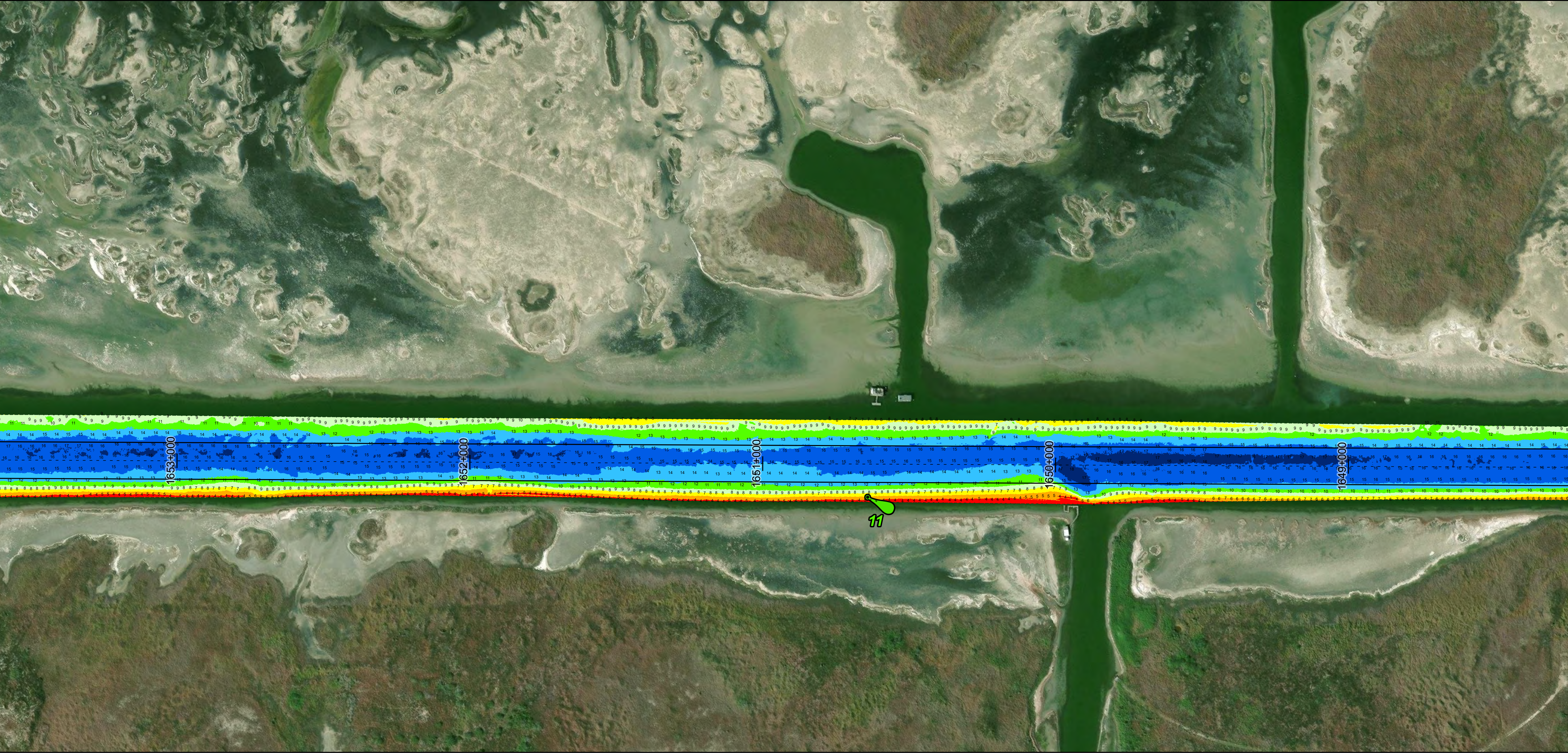
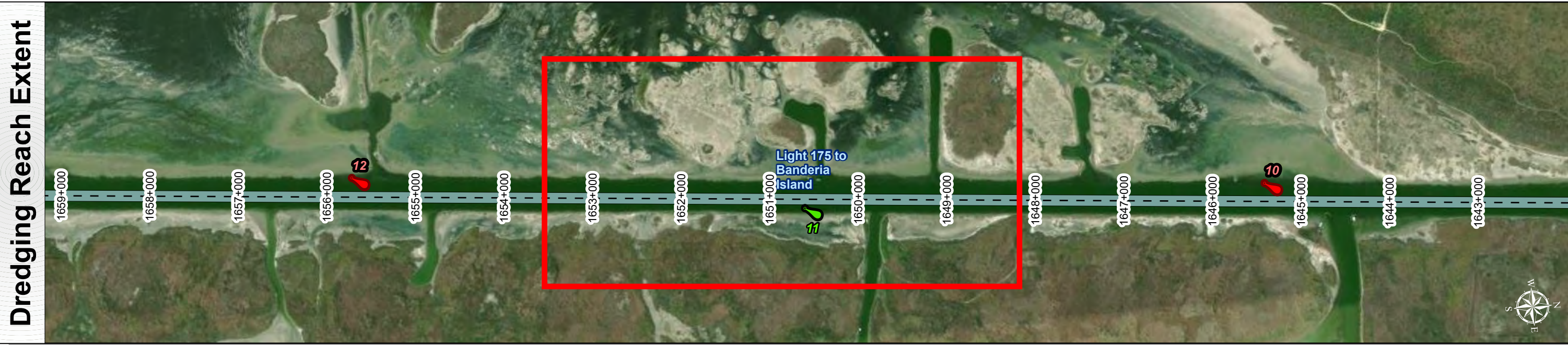
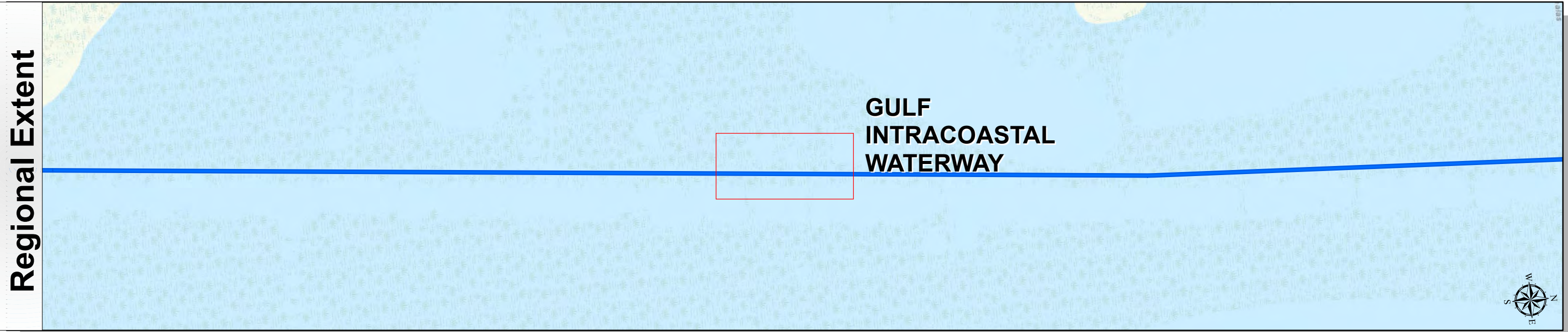
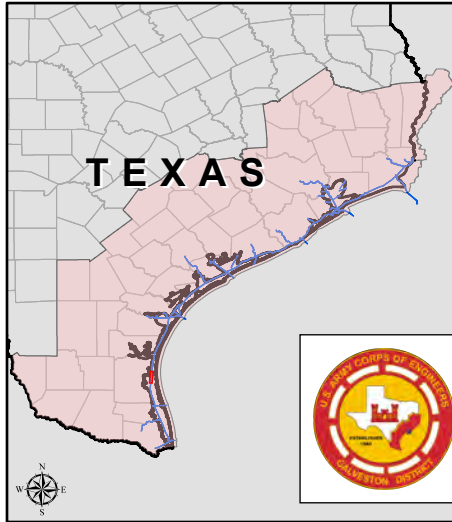
PDF Print Date: 6/18/2025



# Gulf Intracoastal Waterway: Light 175 to Banderia Island



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

**MLLW**

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

NOTES:  
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South 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.swg.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

Additional Combined Survey Dates and Stationing:  
Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

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

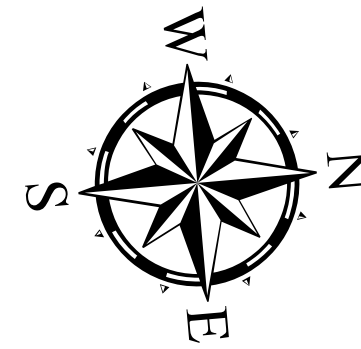
Dredging Reach Extent

0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent

0 170 340 680 Feet

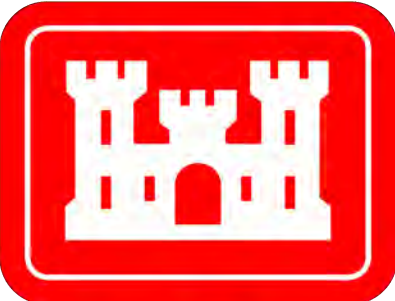
Latest Survey Collection Date: 13 June 2025	Authorized Depth: -13ft.	
	Document Page: 13 of 19	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)	
	Mapped by: m3odnmhg	PDF Print Date: 6/18/2025
Additional Imagery info:		




**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS  
**Station: 1591+500 to 1679+500**  
**GULF INTRACOASTAL WATERWAY**  
Light 175 to Banderia Island



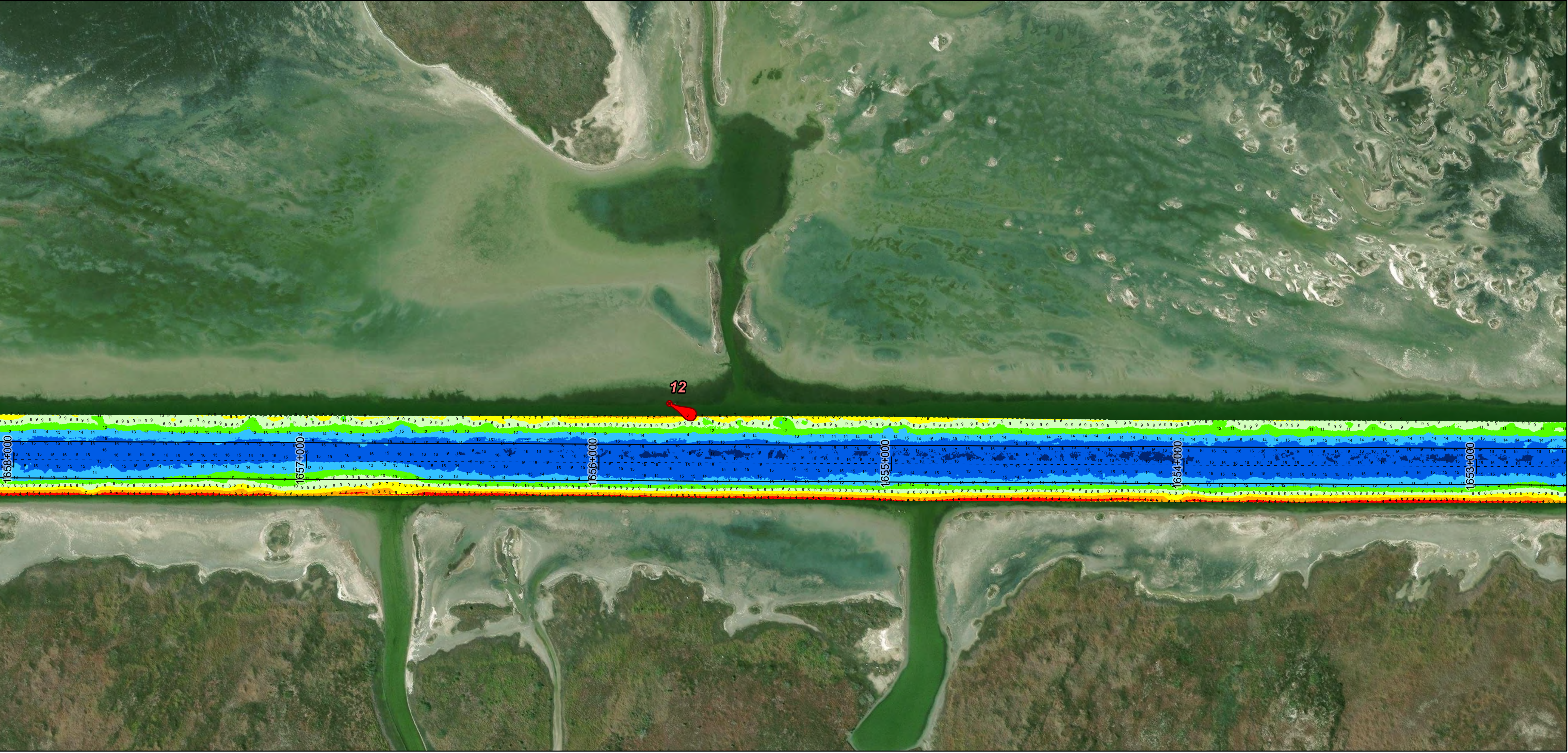
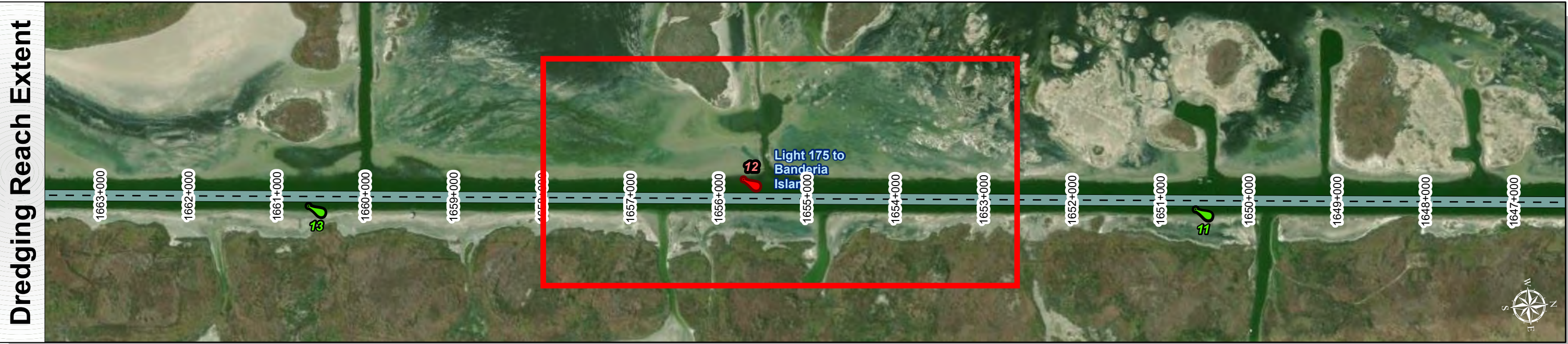
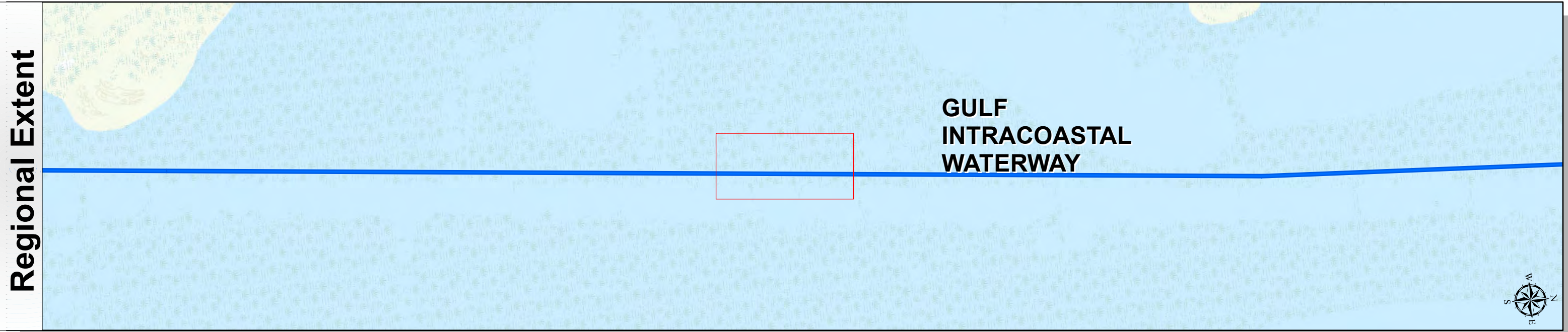
# Gulf Intracoastal Waterway: Light 175 to Banderia Island



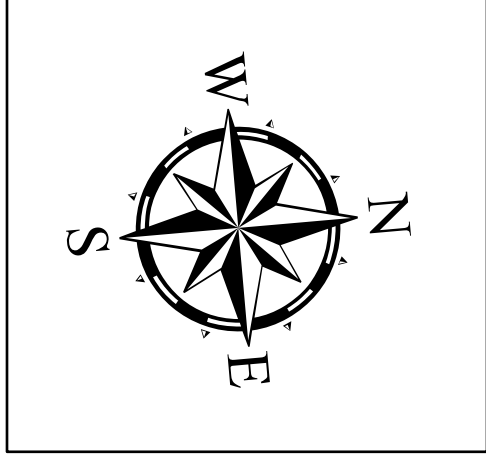
U.S. Army Corps of Engineers  
Galveston District



TEXAS



Latest Survey Collection Date: 13 June 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 14 of 19	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 6/18/2025
Mapped by: m3odnmhg	
Additional Imagery info:	



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

**Station: 1591+500 to 1679+500**  
**GULF INTRACOASTAL WATERWAY**  
Light 175 to Banderia Island

**Channel Features**

- Channel Center Line
- Channel Toe
- Channel Dimensions

**Aids to Navigation**

- Green Side Aids
- Red Side Aids
- Lights

**MLLW**

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17
Red	Orange	Yellow	Light Green	Green	Light Blue	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 er1110-1-6102.  
4. The information depicted on this survey map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time. These conditions are subject to rapid change due to shoaling events. A prudent mariner should not rely exclusively on the information provided here. Required by 33 CFR 209.325  
5. For the most up to date information please check our website at: <http://www.swg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>

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

Additional Combined Survey Dates and Stationing:  
Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

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



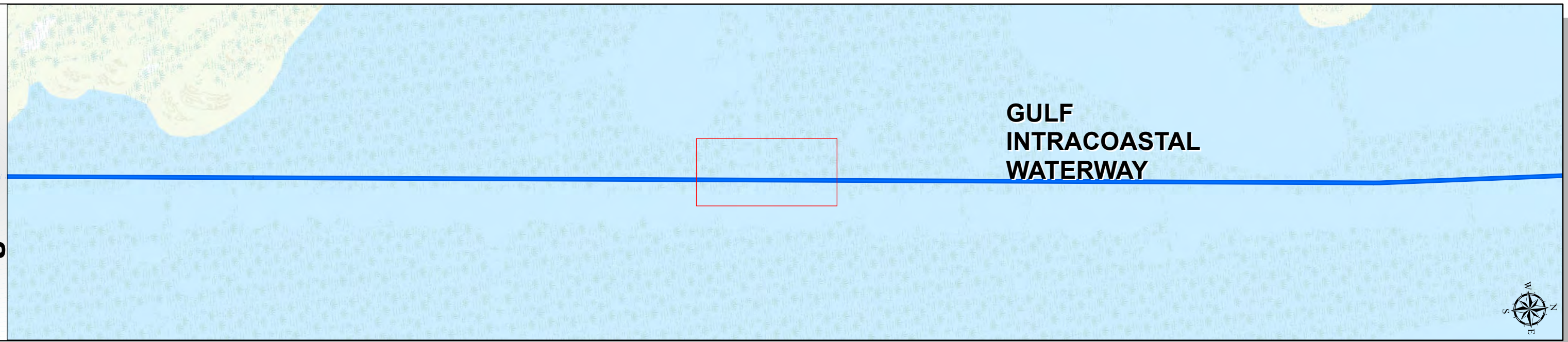
# Gulf Intracoastal Waterway: Light 175 to Banderia Island



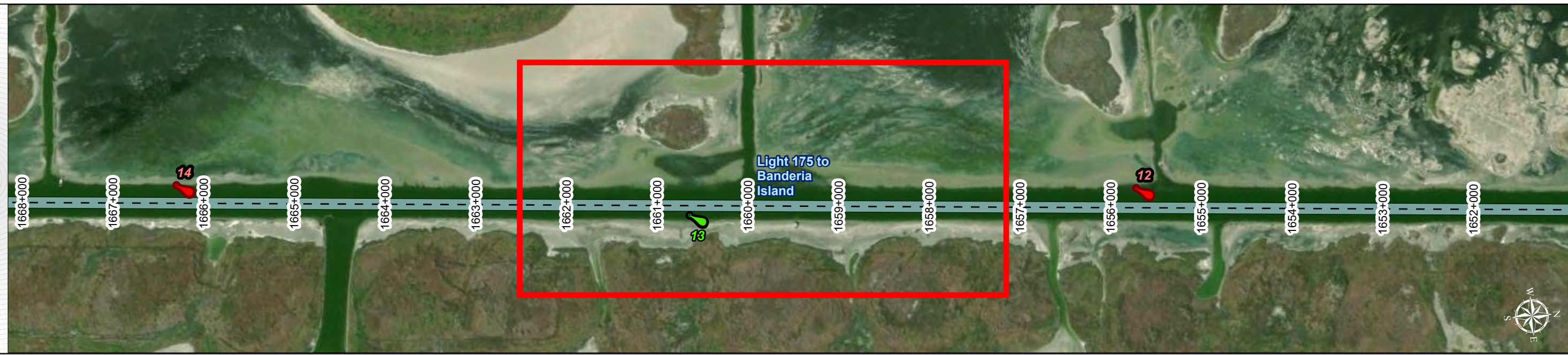
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## MLLW

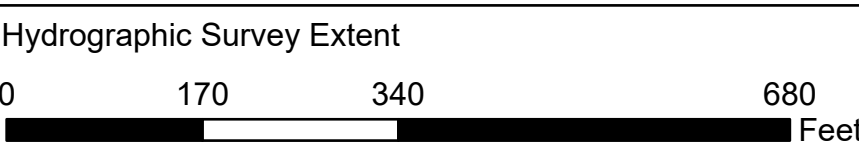


NOTES:  
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.  
2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.  
3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and 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.swg.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

## Additional Combined Survey Dates and Stationing:

Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

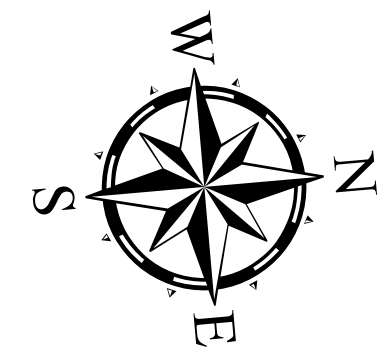
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic



## HYDROGRAPHIC SURVEY

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

Station: 1591+500 to 1679+500  
GULF INTRACOASTAL WATERWAY  
Light 175 to Banderia Island



Latest Survey Collection Date: 13 June 2025

Document Page: 15 of 19

Website Index Number: 265

Authorized Depth: -13ft.

Width Range: 125ft to 125ft

Side Slope Ratio: (Rise : Run)

PDF Print Date: 6/18/2025

Scale: 1:2,000

Mapped by: m3odnmh

Additional Imagery info:



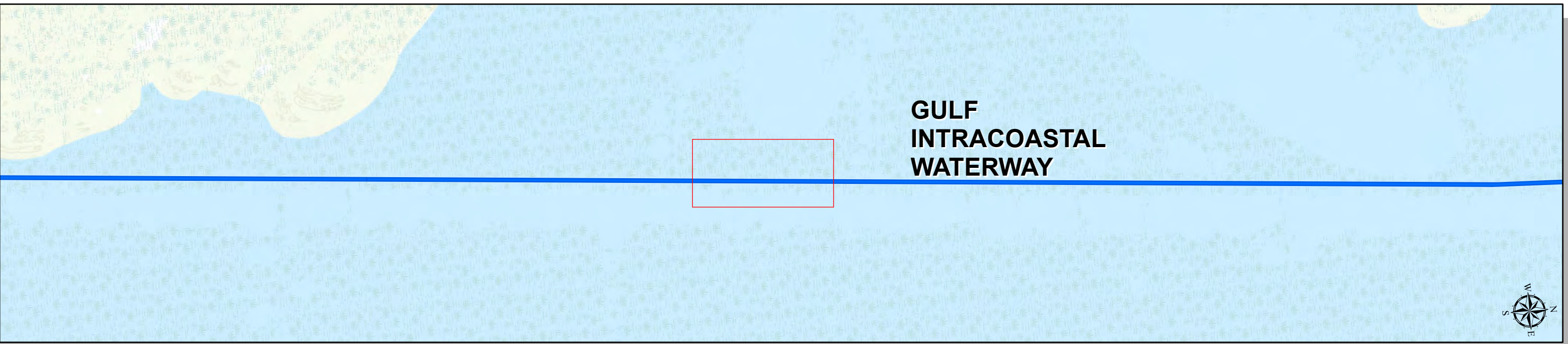
# Gulf Intracoastal Waterway: Light 175 to Banderia Island



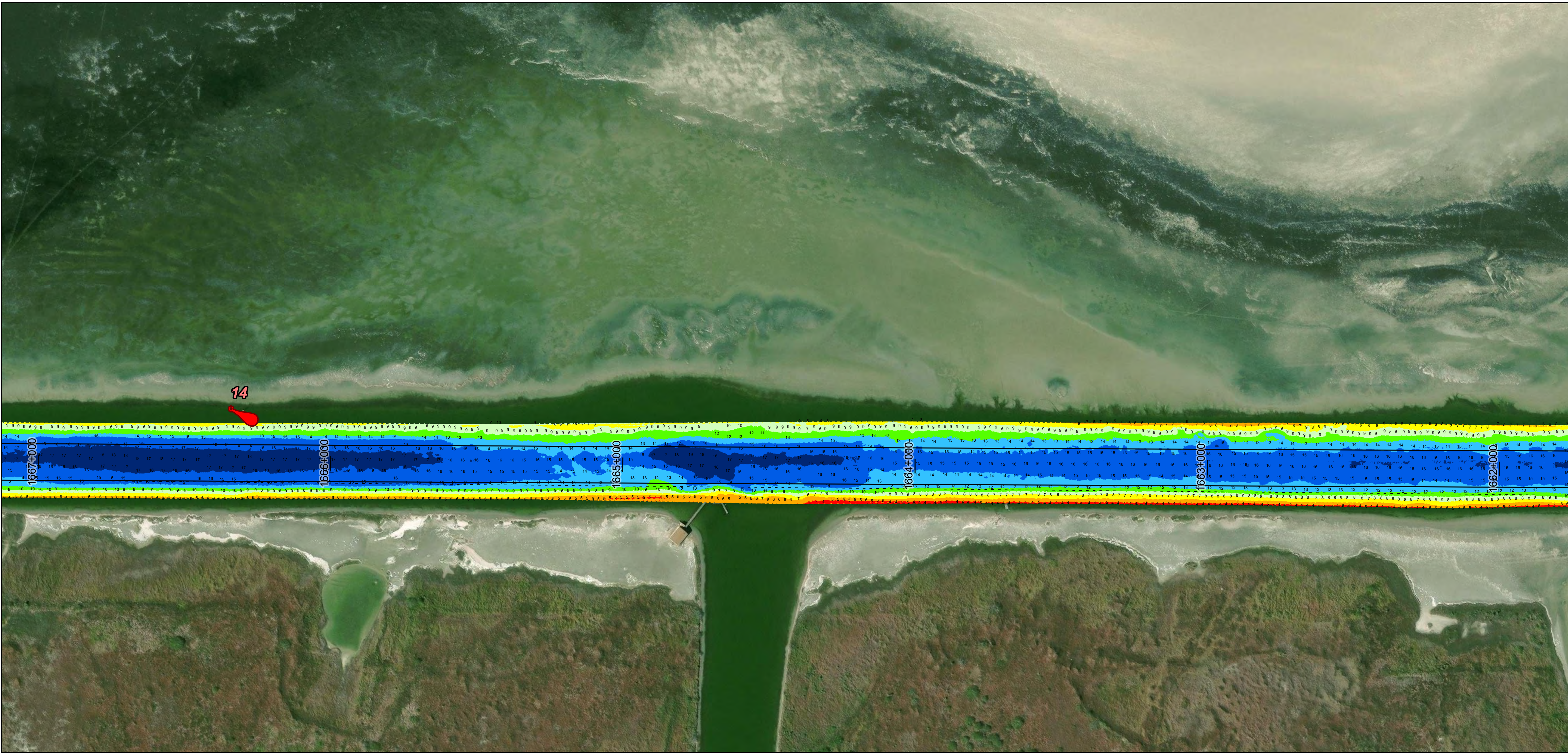
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## MLLW

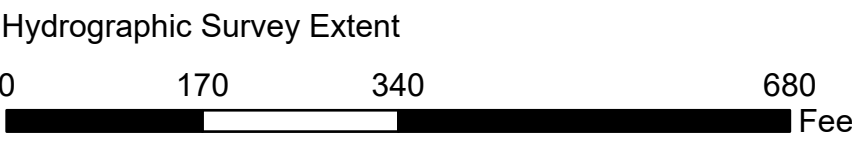


NOTES:  
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.  
2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.  
3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and 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.swg.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

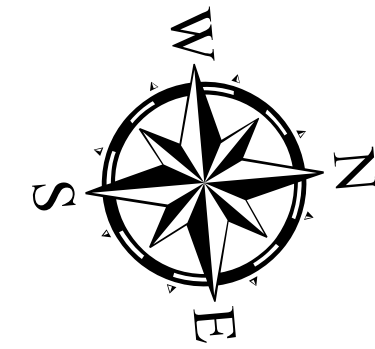
## Additional Combined Survey Dates and Stationing:

Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

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



Latest Survey Collection Date: 13 June 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 16 of 19	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 6/18/2025
Mapped by: m3odnmhg	
Additional Imagery info:	



## HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS  
Station: 1591+500 to 1679+500  
GULF INTRACOASTAL WATERWAY  
Light 175 to Banderia Island



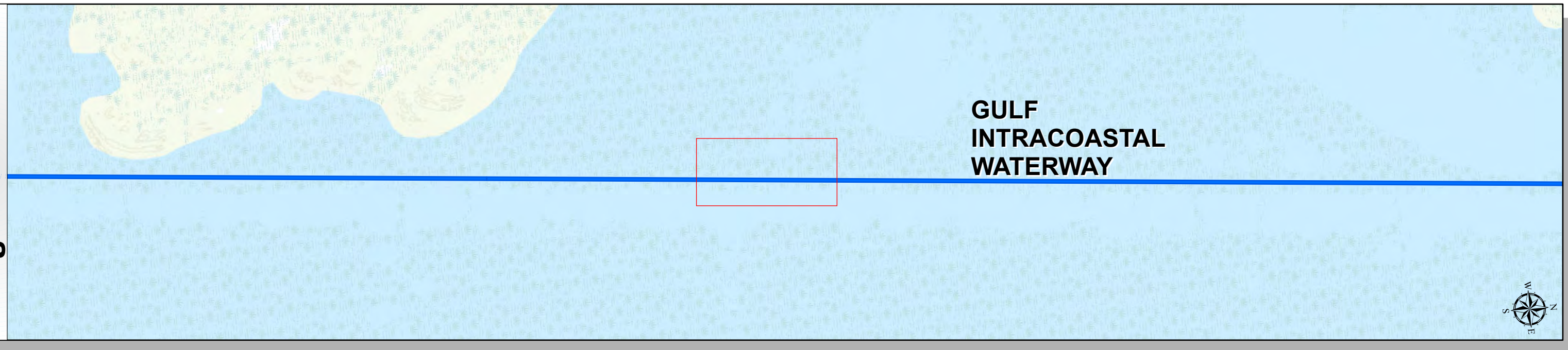
# Gulf Intracoastal Waterway: Light 175 to Banderia Island



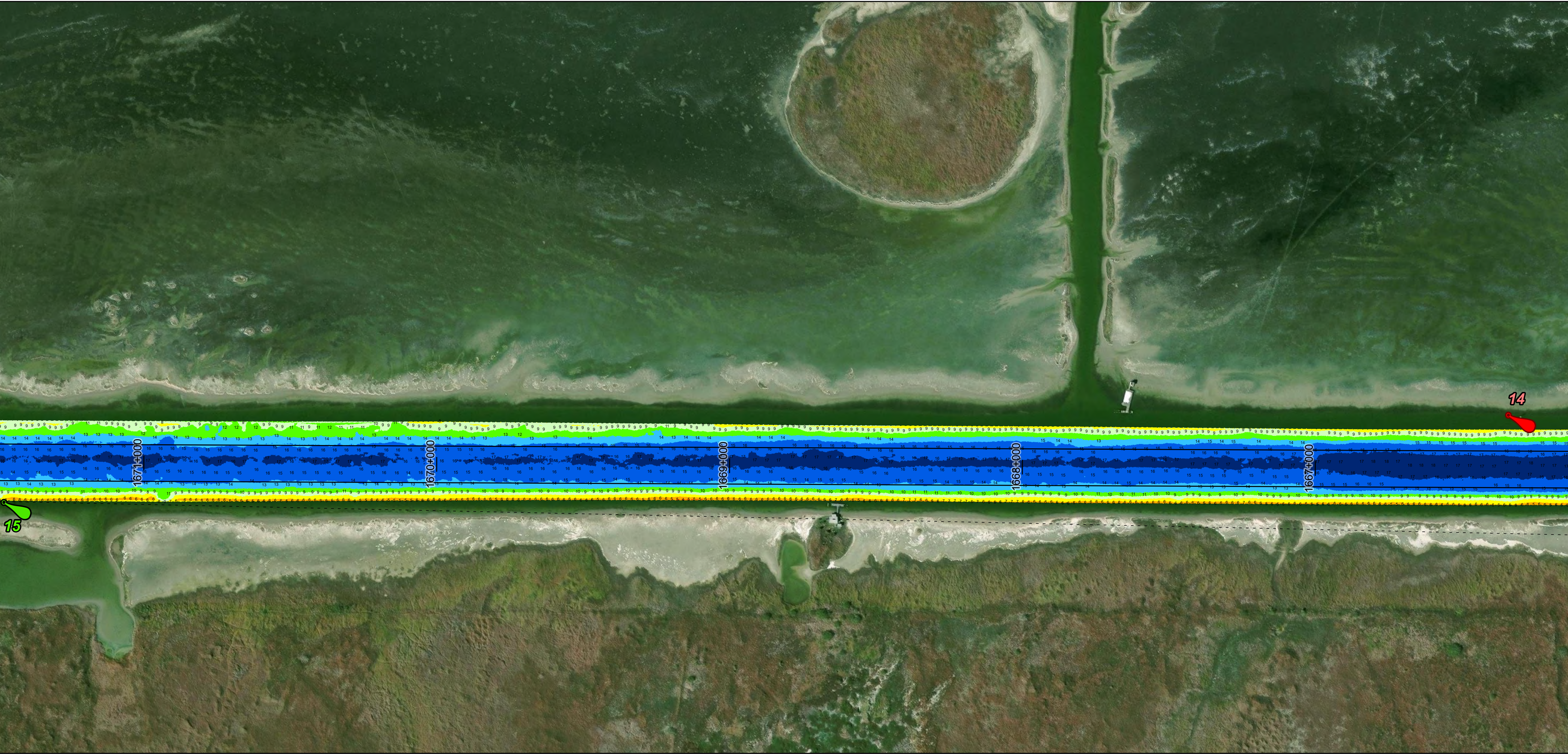
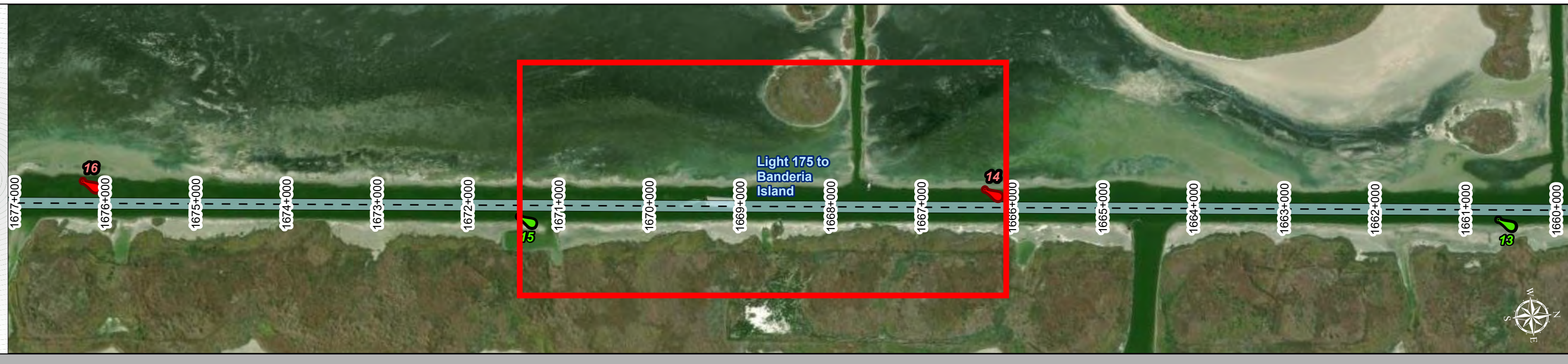
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## MLLW

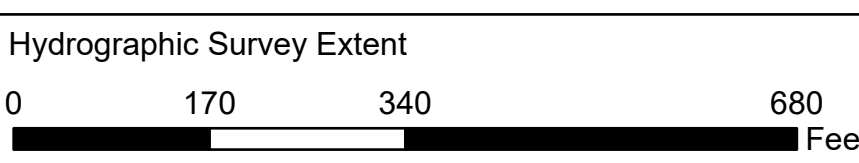
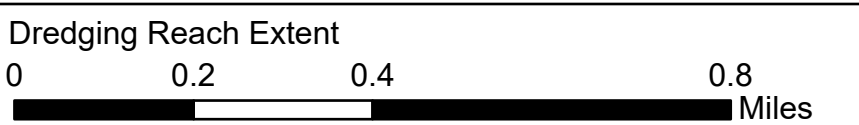


NOTES:  
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.  
2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.  
3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and 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.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

## Additional Combined Survey Dates and Stationing:

Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

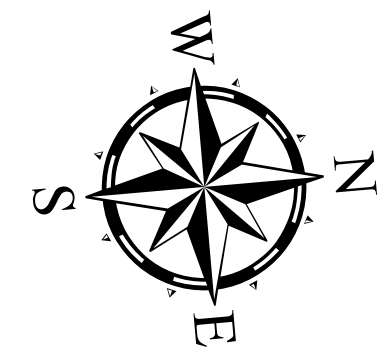
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic



## HYDROGRAPHIC SURVEY

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

Station: 1591+500 to 1679+500  
GULF INTRACOASTAL WATERWAY  
Light 175 to Banderia Island



Latest Survey Collection Date: 13 June 2025  
Document Page: 17 of 19  
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: 6/18/2025

Website Index Number: 267



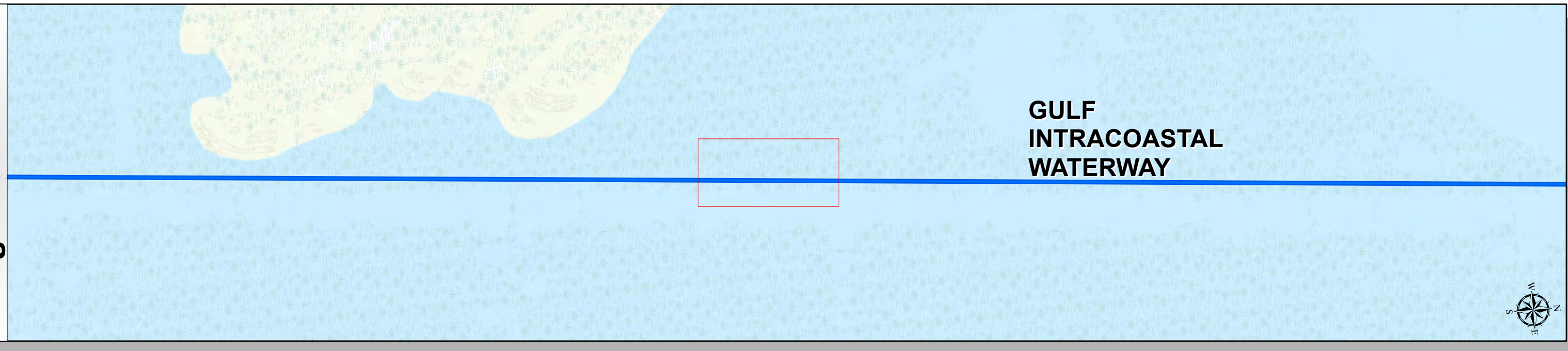
# Gulf Intracoastal Waterway: Light 175 to Banderia Island



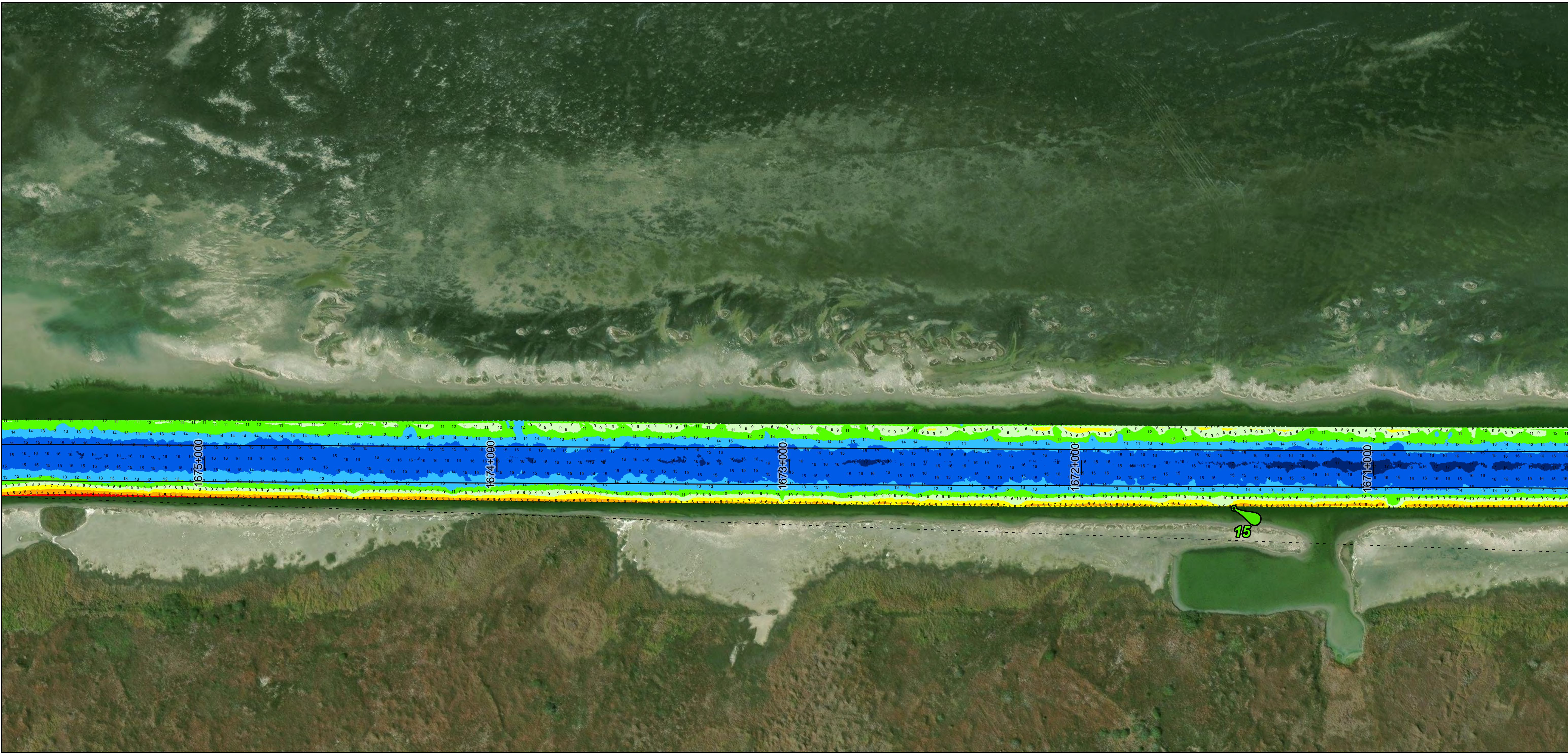
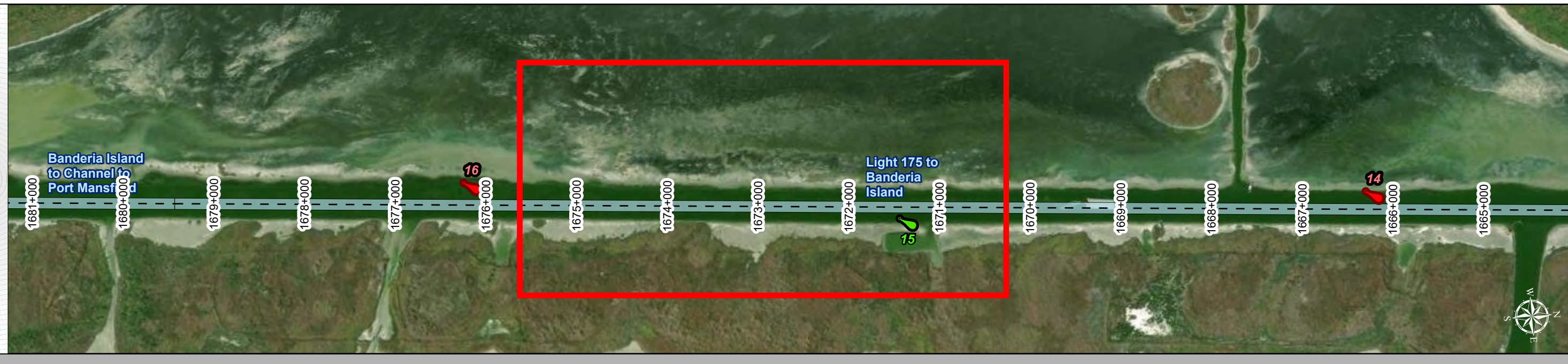
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## MLLW

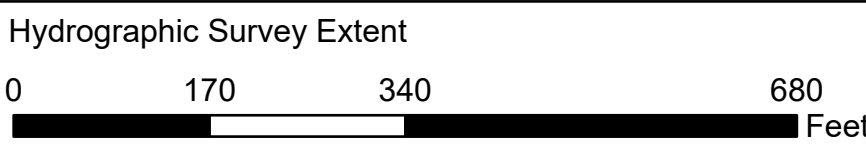


NOTES:  
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.  
2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.  
3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and 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.swg.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

## Additional Combined Survey Dates and Stationing:

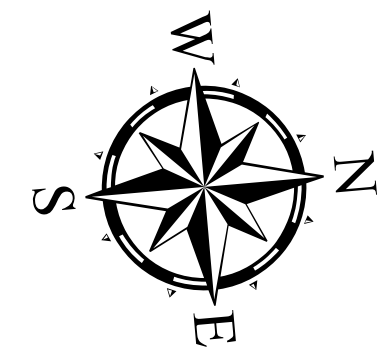
Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

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: 1591+500 to 1679+500**  
**GULF INTRACOASTAL WATERWAY**  
Light 175 to Banderia Island



Latest Survey Collection Date: 13 June 2025  
Document Page: 18 of 19  
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: 6/18/2025

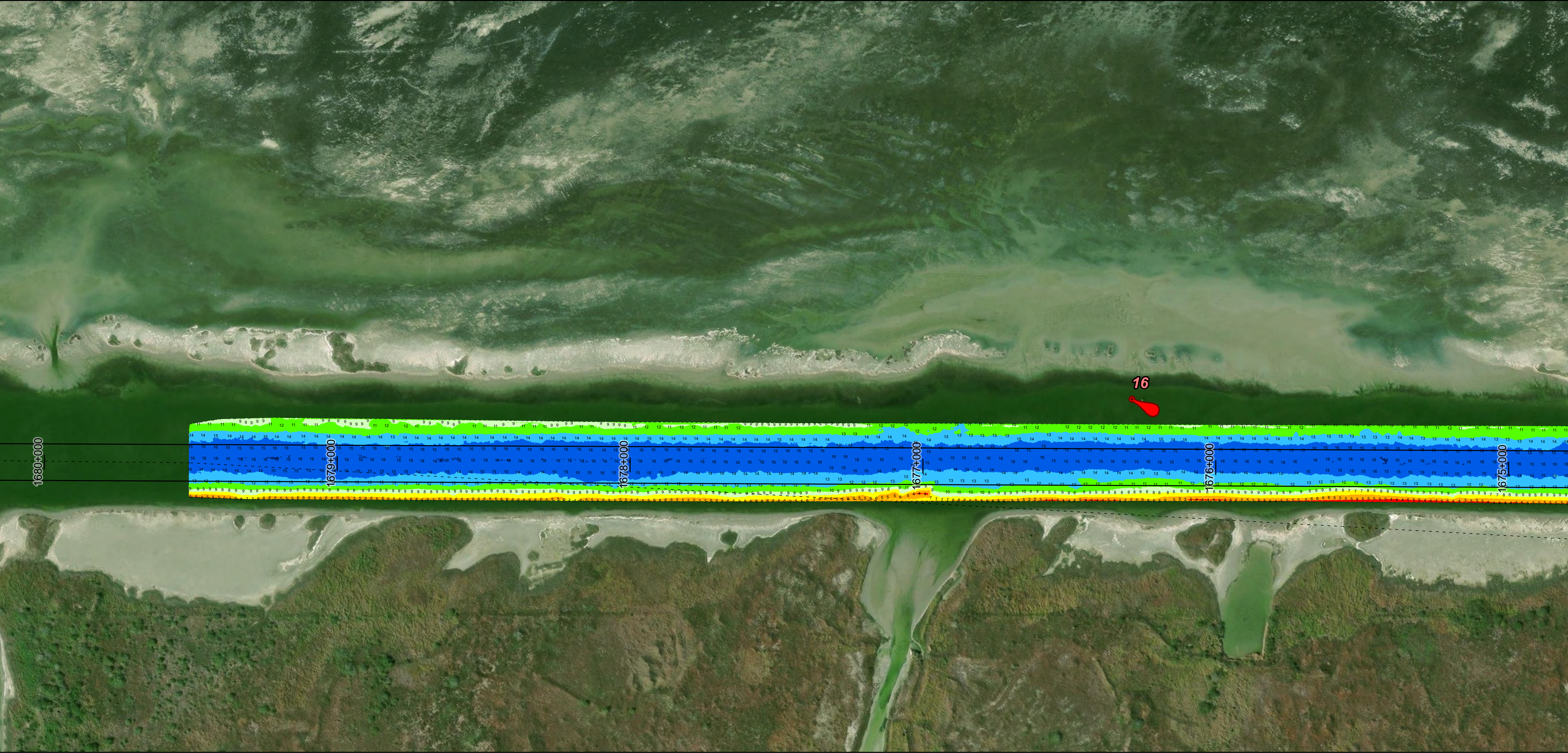
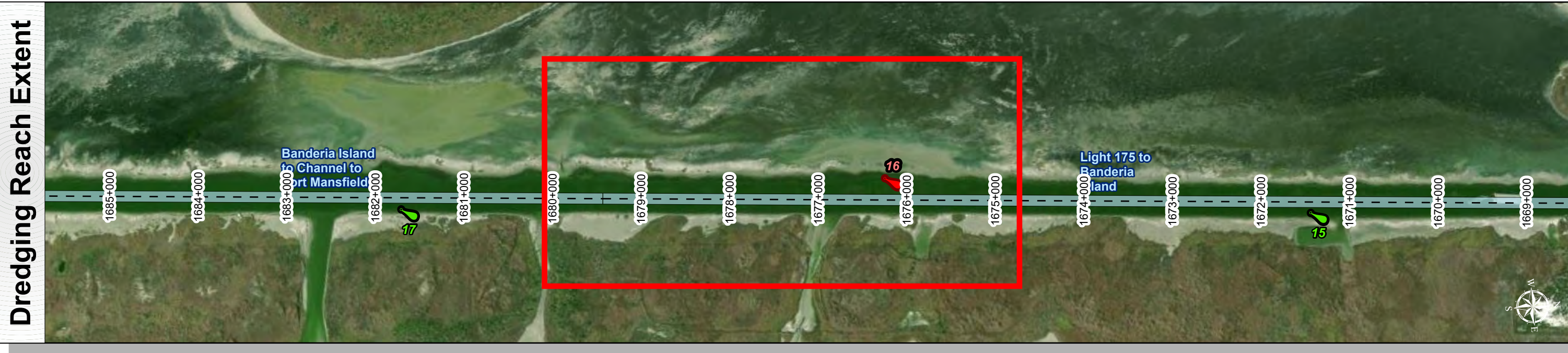
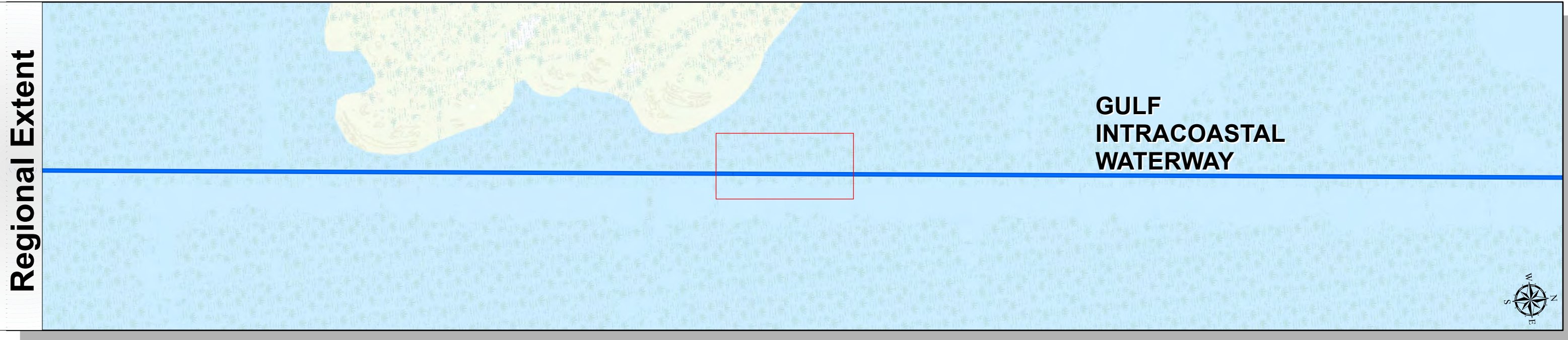
Website Index Number: 268

Side Slope Ratio: (Rise : Run)

PDF Print Date: 6/18/2025



# Gulf Intracoastal Waterway: Light 175 to Banderia Island



**Channel Features**

- Channel Center Line
- Channel Toe
- Channel Dimensions

**Aids to Navigation**

- Green Side Aids
- Red Side Aids
- Lights

**MLLW**

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17
Red	Orange	Yellow	Light Green	Green	Light Blue	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.swg.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

Additional Combined Survey Dates and Stationing:  
Combined survey dates: 20250523\_PR\_1591P500\_1611P500; 20250613\_PR\_1664P500\_1679P500.

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

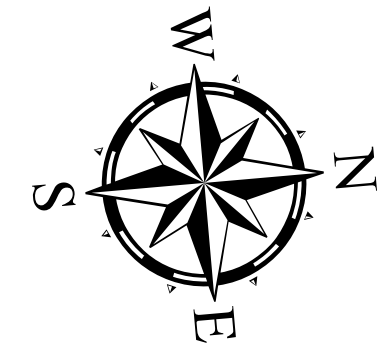
Dredging Reach Extent

0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent

0 170 340 680 Feet

Latest Survey Collection Date: 13 June 2025	Authorized Depth: -13ft.
	Width Range: 125ft to 125ft
Document Page: 19 of 19	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 6/18/2025
Mapped by: m3odnmhg	
Additional Imagery info:	



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

**Station: 1591+500 to 1679+500**  
**GULF INTRACOASTAL WATERWAY**  
Light 175 to Banderia Island