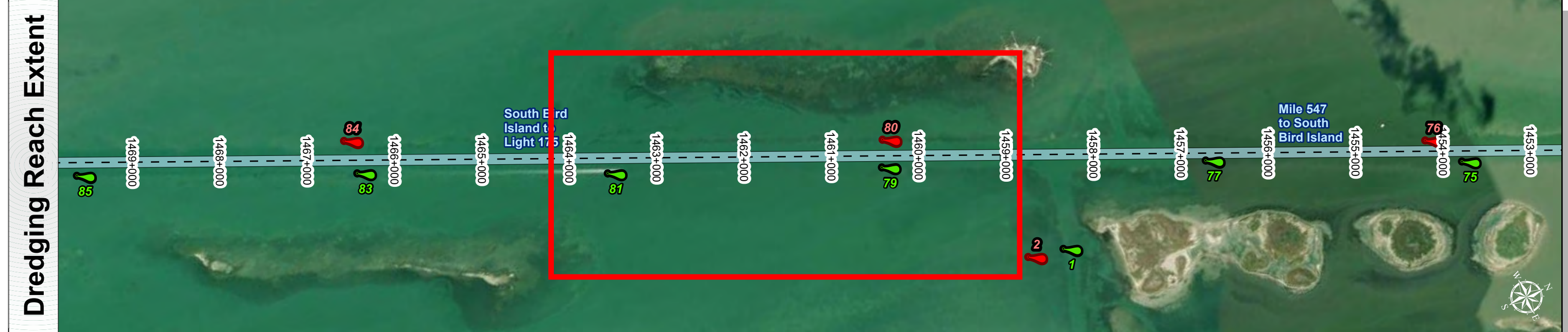
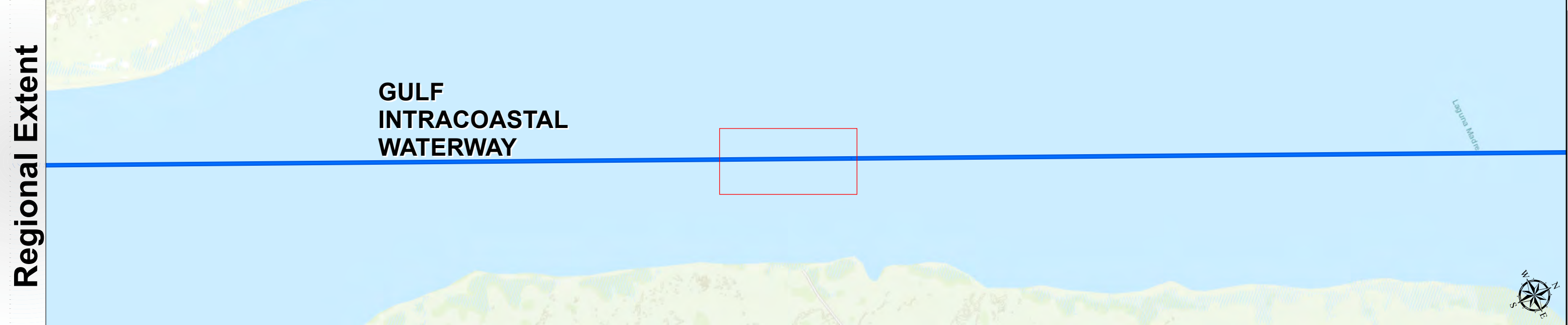
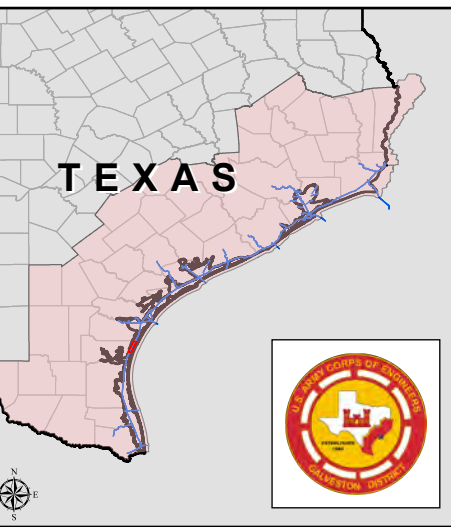


Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 1 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	
Website Index Number: 224	



Channel Features	Aids to Navigation
--- Channel Center Line	Green Side Aids
— Channel Toe	Red Side Aids
↔ Channel Dimensions	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 er1110-1-8132.
 4. The information depicted on this survey map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time. These conditions are subject to rapid change due to shoaling events. A prudent mariner should not rely exclusively on the information provided here. Required by 33 CFR 209.225.
 5. For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>
 Service Layer Credits: World Topographic Map, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
 World Imagery: Maxar, Microsoft
 World Imagery: Maxar

Additional Combined Survey Dates and Stationing:
 COMB_SURV_INFO_HERE

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

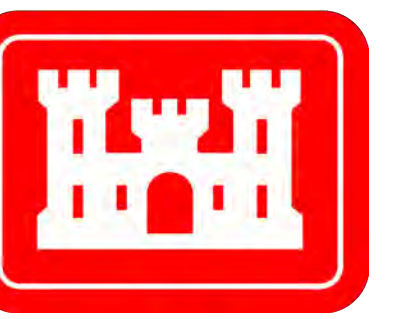
Dredging Reach Extent
 0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent
 0 170 340 680 Feet

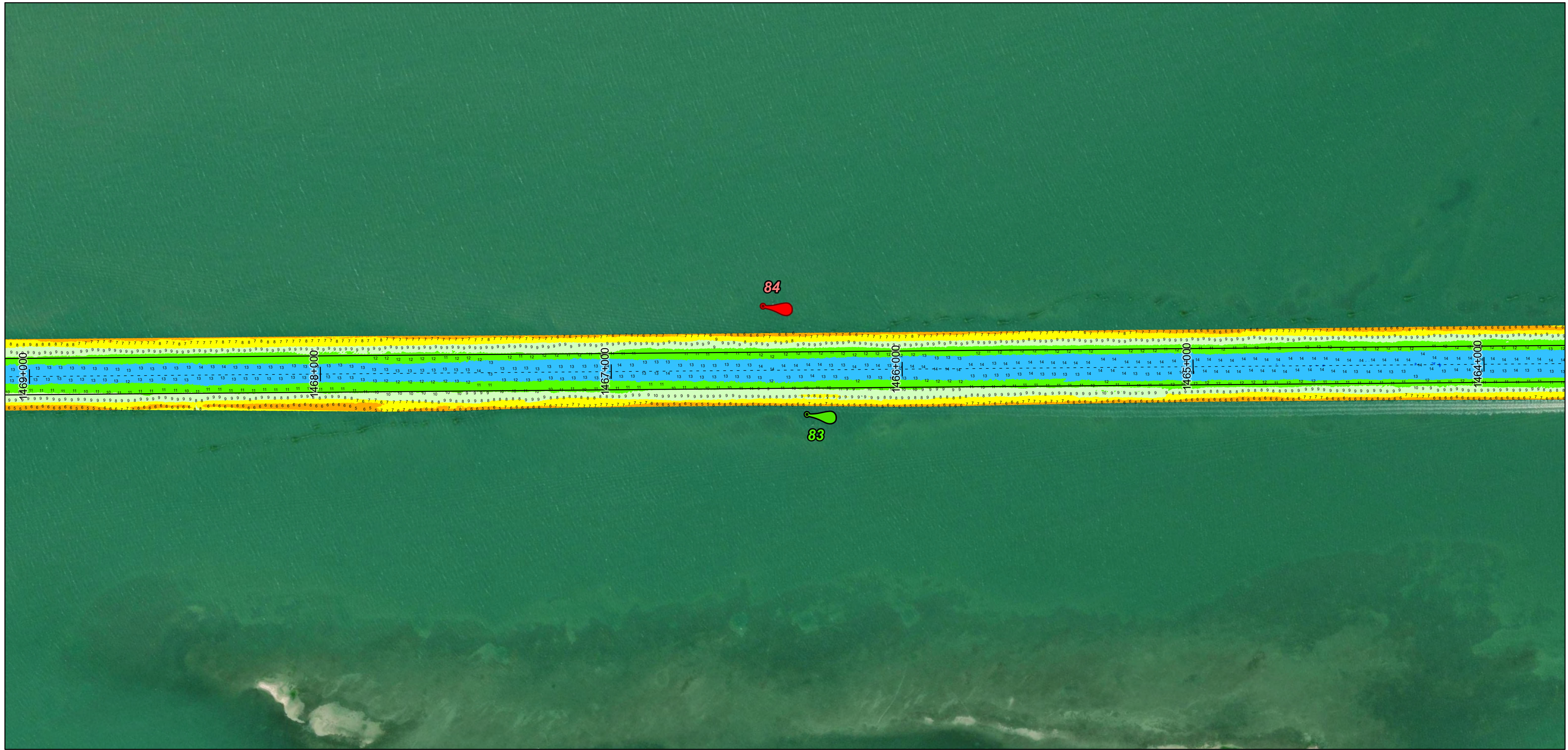
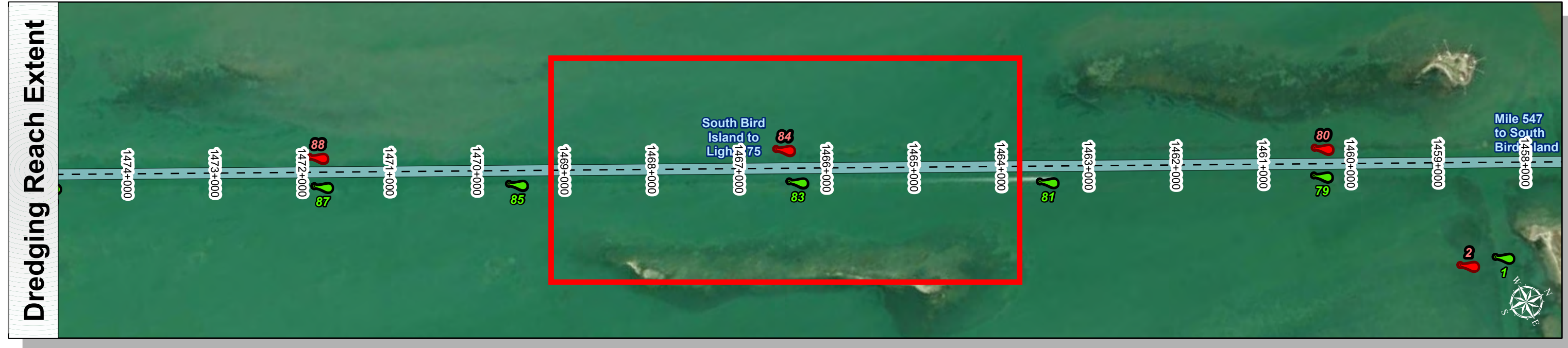
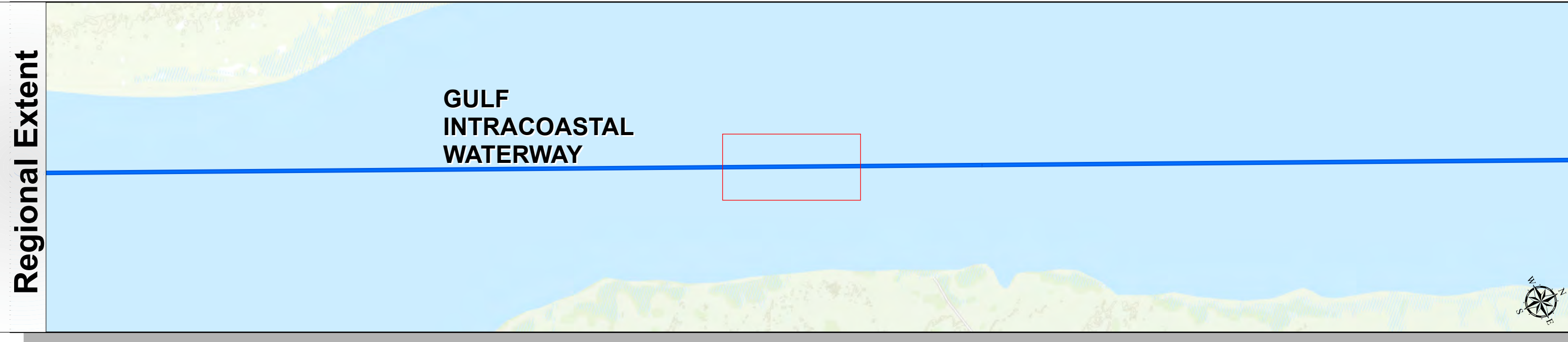
HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
 South Bird Island to Light 175

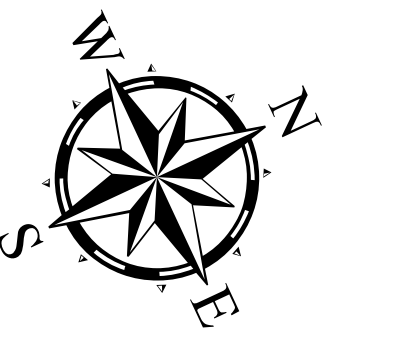
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 2 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

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

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

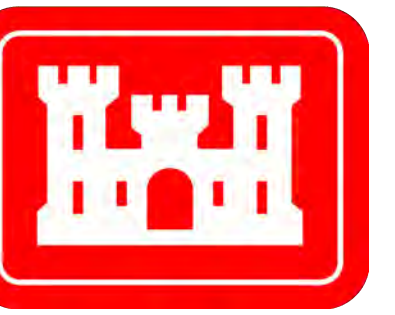
Dredging Reach Extent

Hydrographic Survey Extent

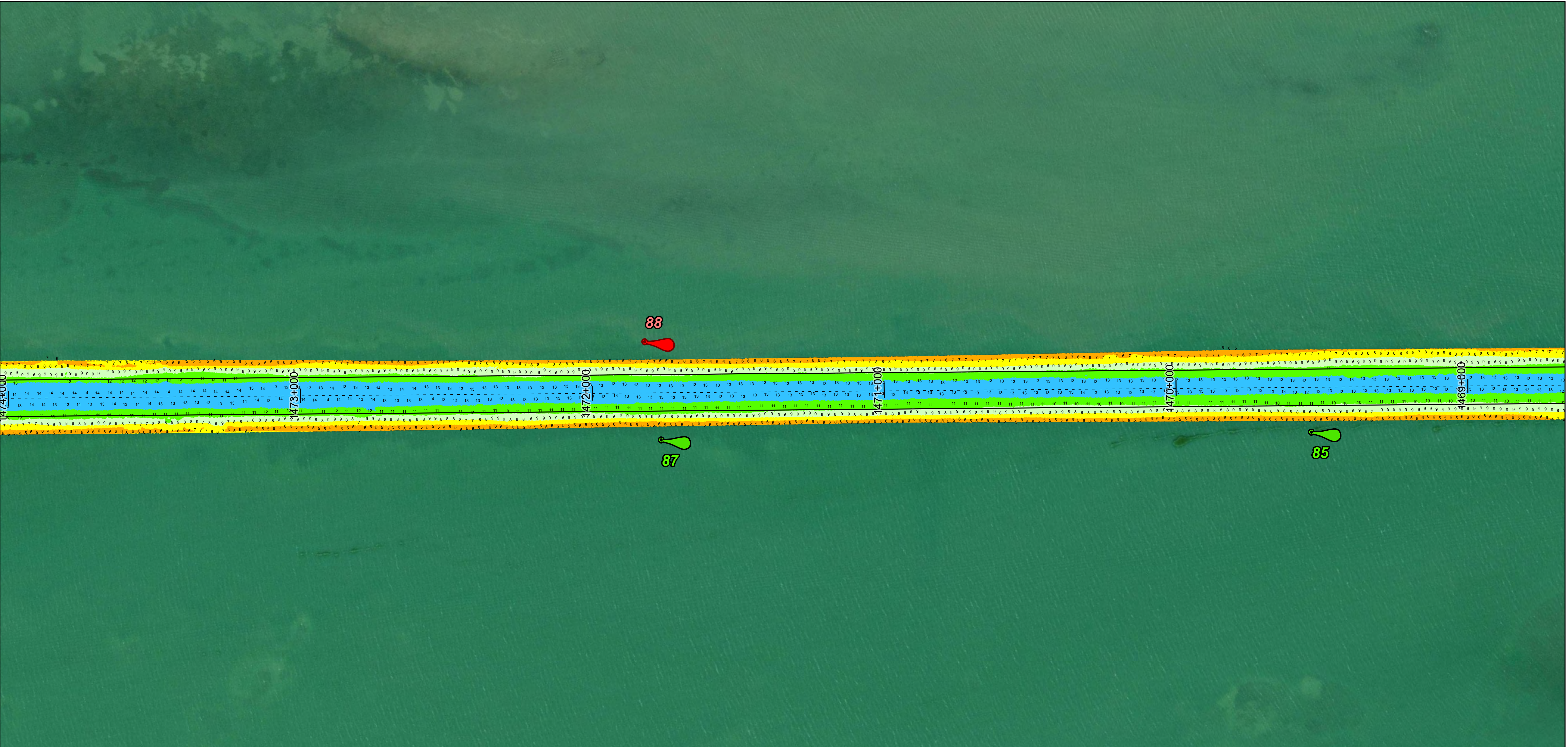
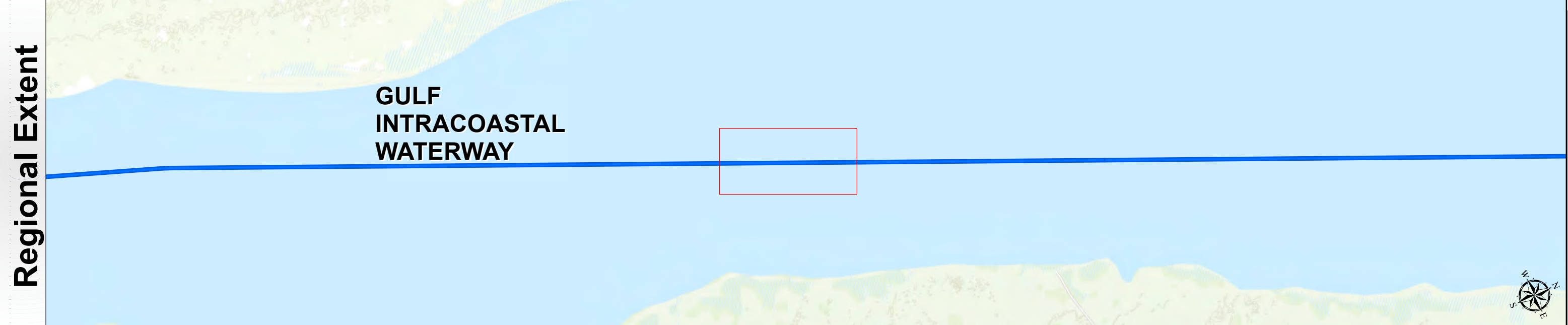
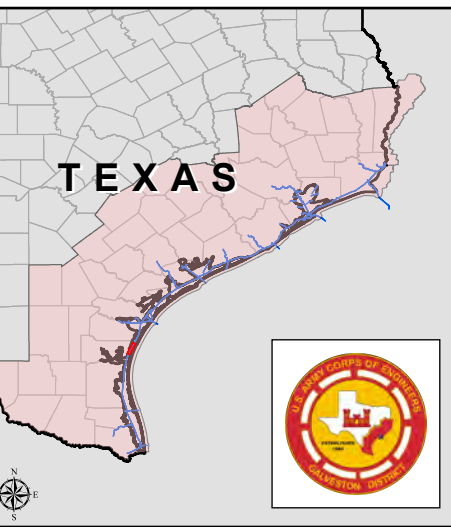
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 3 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

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

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

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

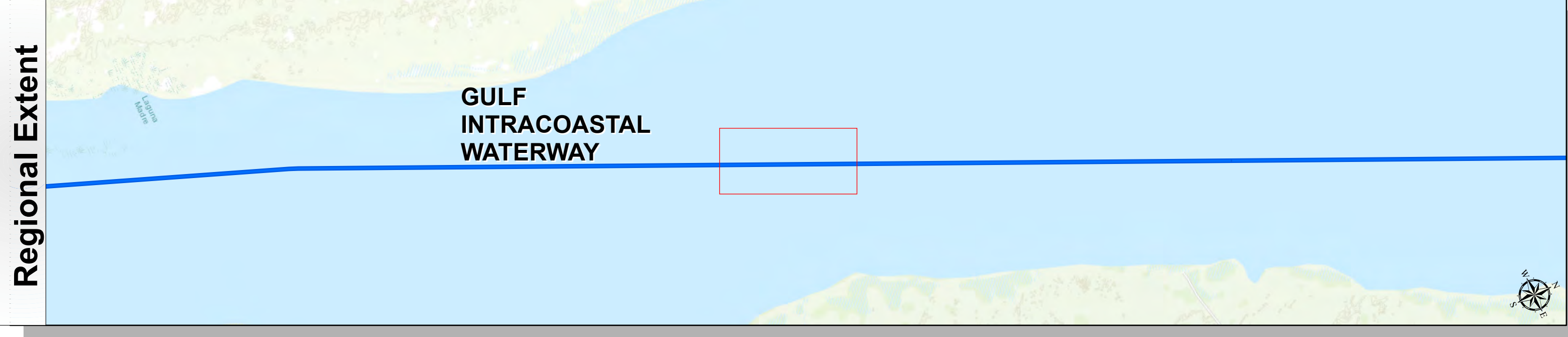
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 4 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	
Website Index Number: 227	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

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- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

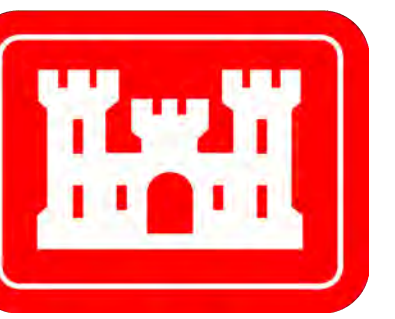
Dredging Reach Extent

Hydrographic Survey Extent

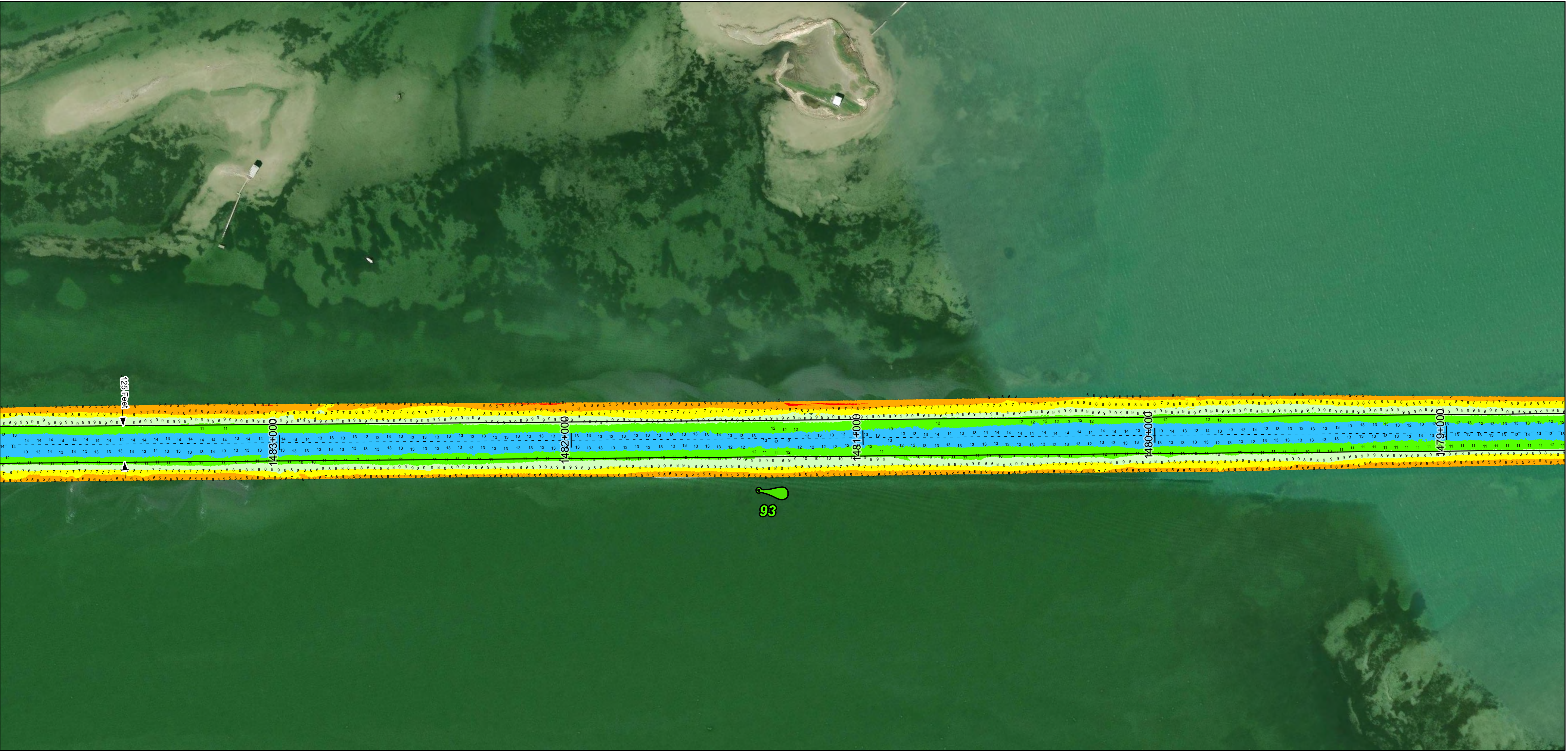
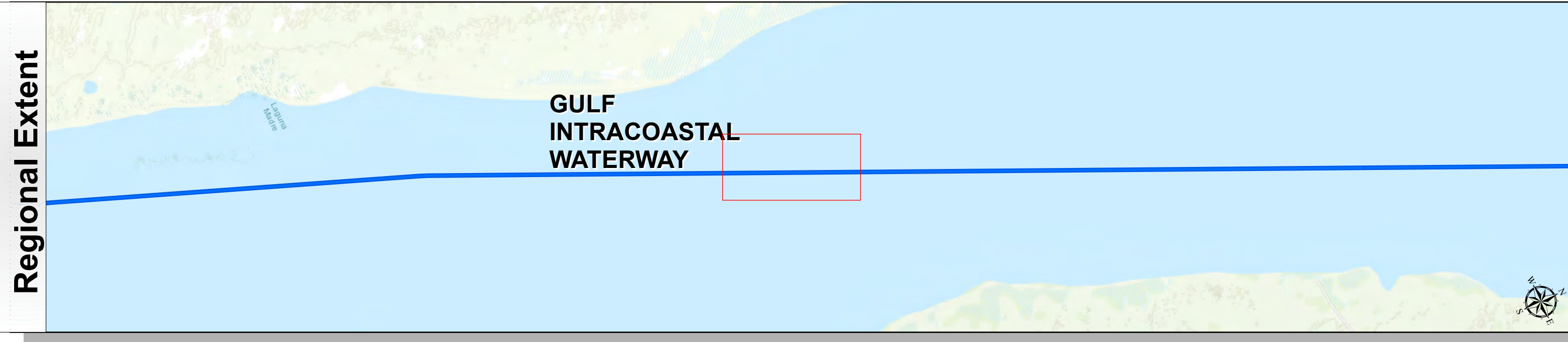
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

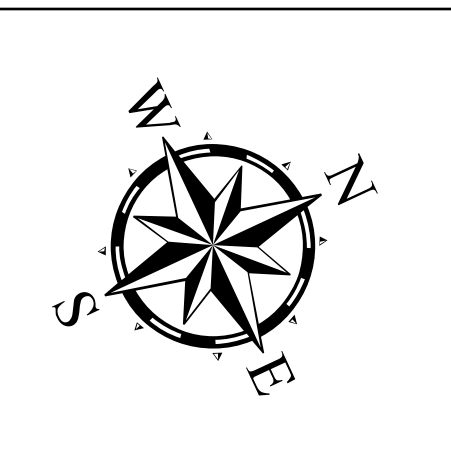
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 5 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features	Aids to Navigation	MLLW
<ul style="list-style-type: none"> --- Channel Center Line — Channel Toe ↔ Channel Dimensions 	<ul style="list-style-type: none"> Green Side Aids Red Side Aids Lights 	<ul style="list-style-type: none"> 0-3 3-5 5-7 7-9 9-11 11-13 13-15 15-17 <17

NOTES:
 1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
 2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.
 3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by er1110.6132.
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 5. For the most up to date information please check our website at: <http://www.swg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>
 Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
 World Imagery: Maxar, Microsoft
 World Imagery: Maxar

Additional Combined Survey Dates and Stationing:
 COMB_SURV_INFO_HERE

Dredging Reach Extent	
0	0.2 0.4 0.8 Miles
Hydrographic Survey Extent	
0	170 340 680 Feet

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

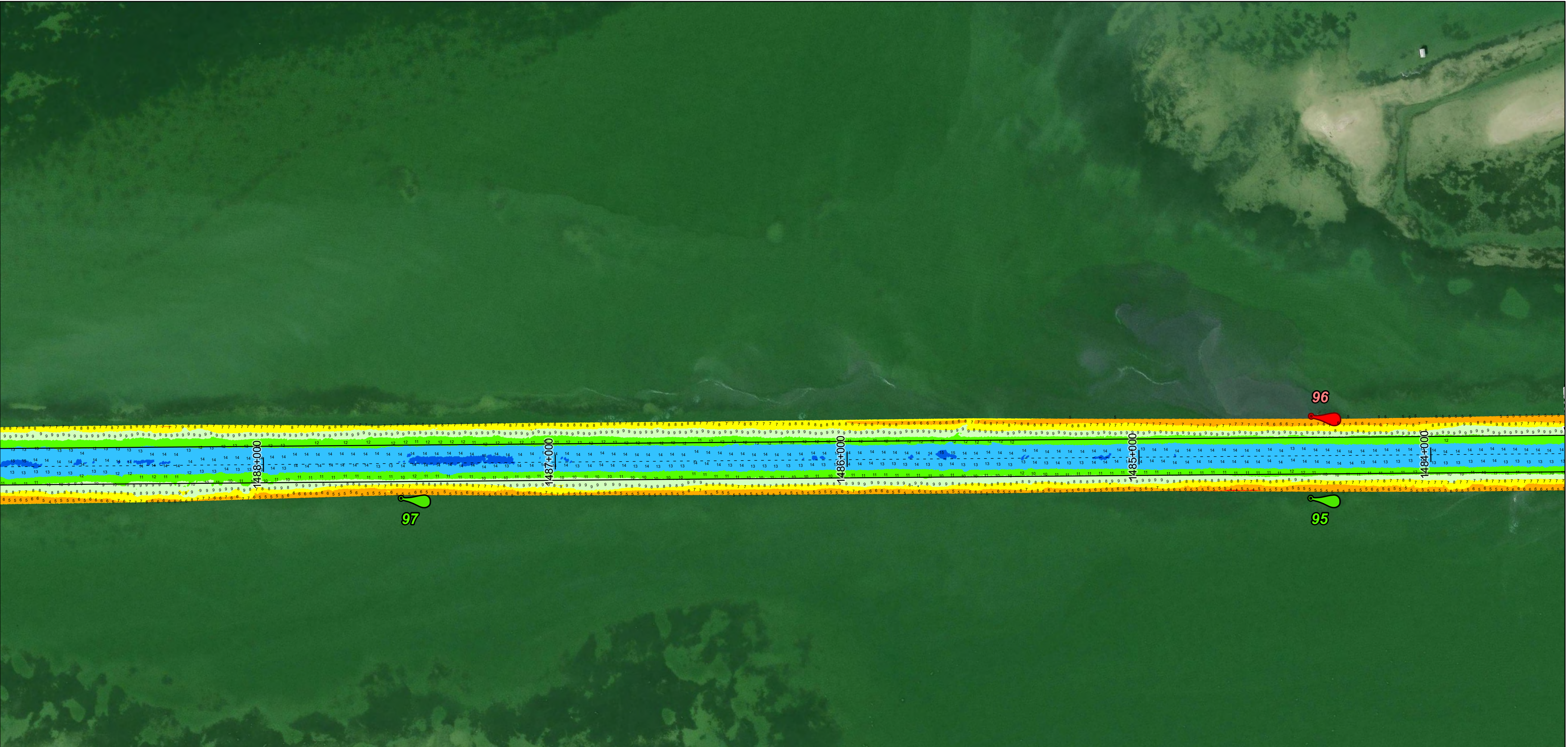
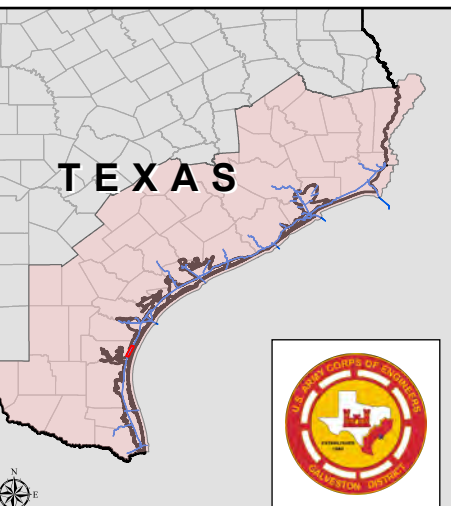
HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
 South Bird Island to Light 175

Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 6 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

NOTES:

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- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
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World Imagery: Maxar, Microsoft
World Imagery: Maxar

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

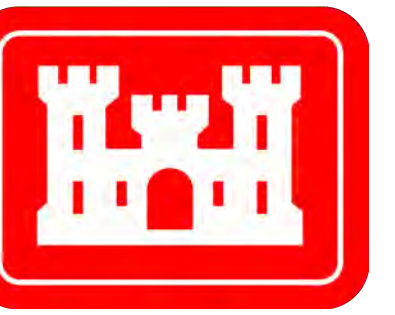
Hydrographic Survey Extent

0 170 340 680 Feet

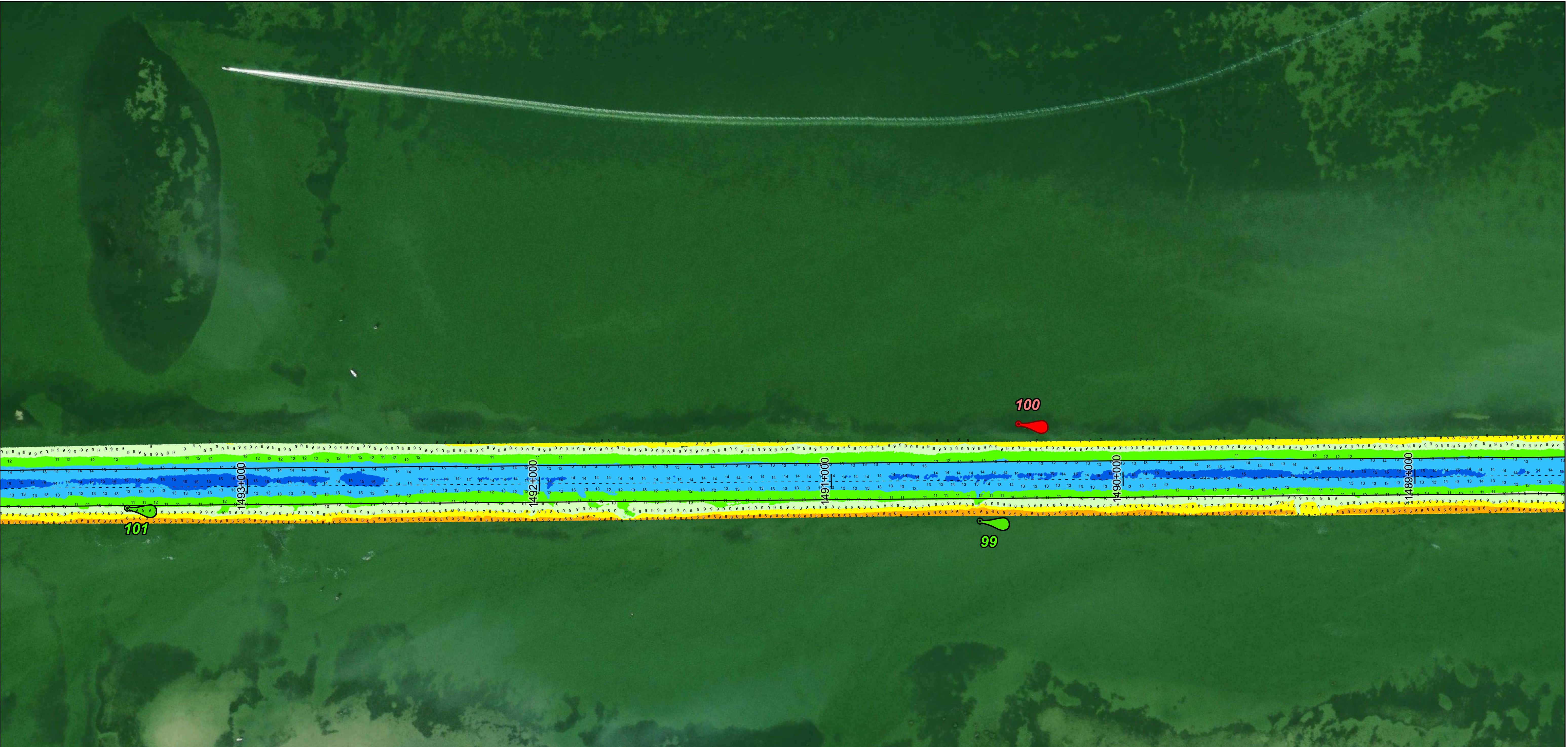
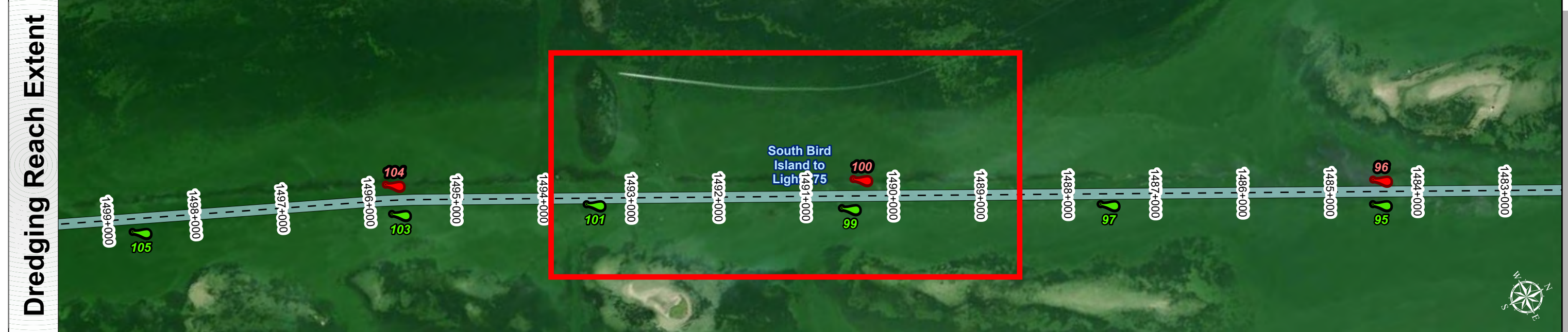
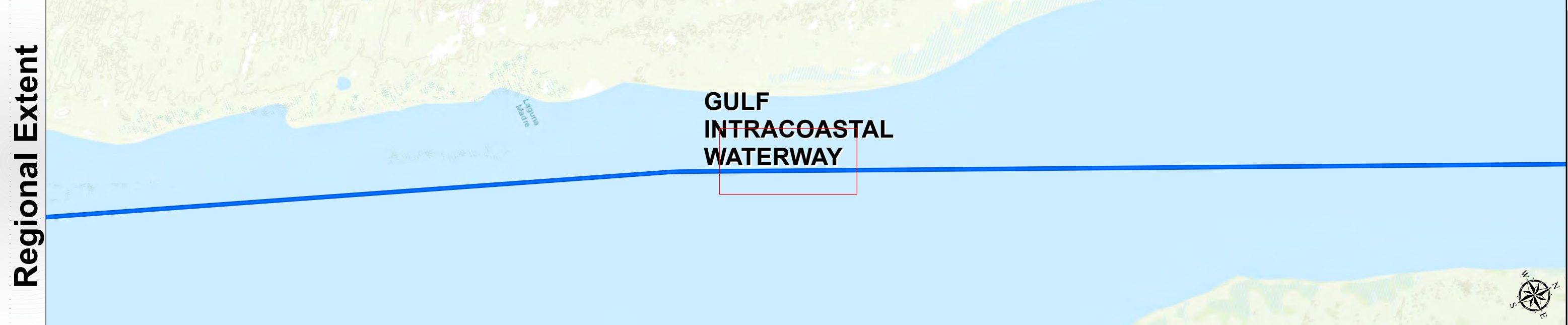
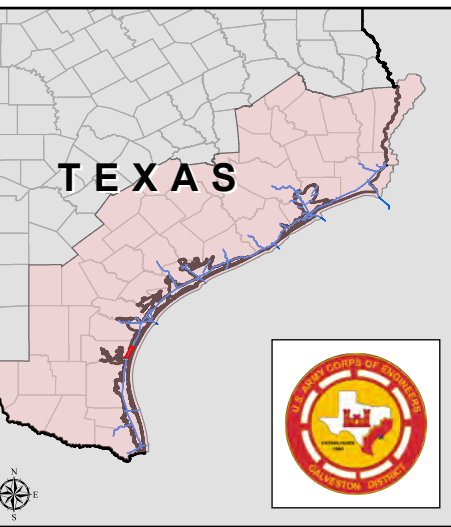
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 7 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

NOTES:

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World Imagery: Maxar, Microsoft
World Imagery: Maxar

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

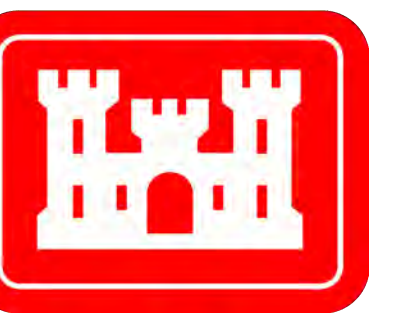
Hydrographic Survey Extent

0 170 340 680 Feet

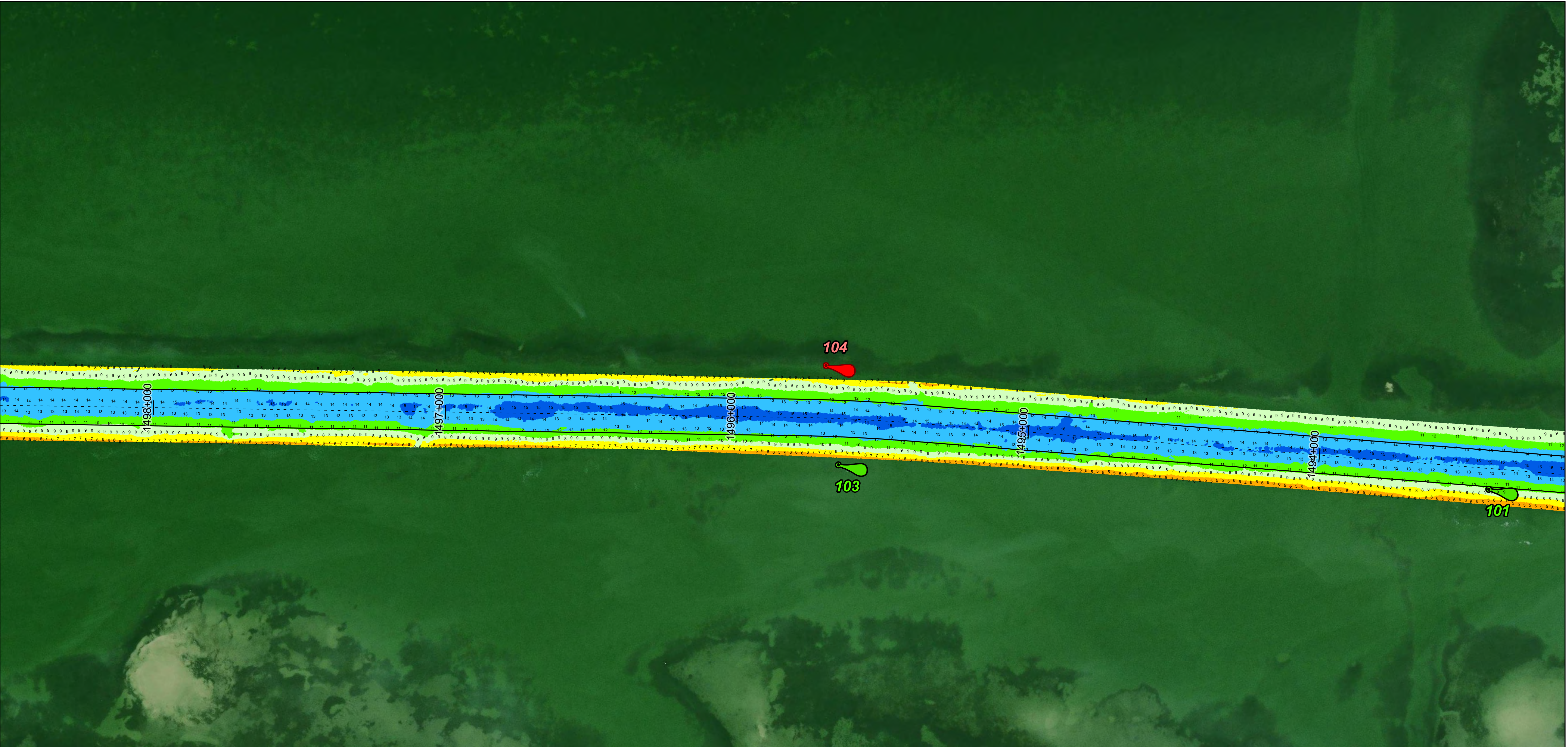
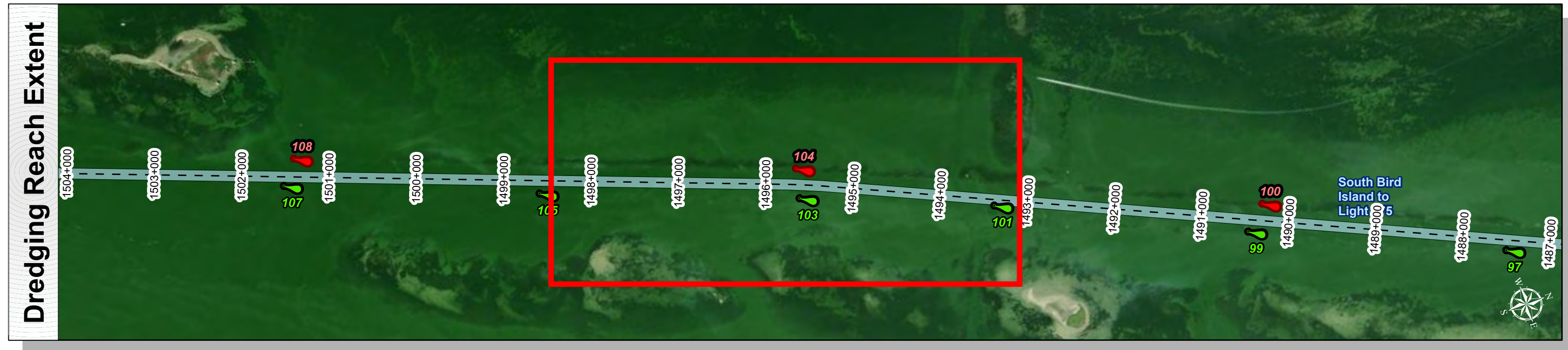
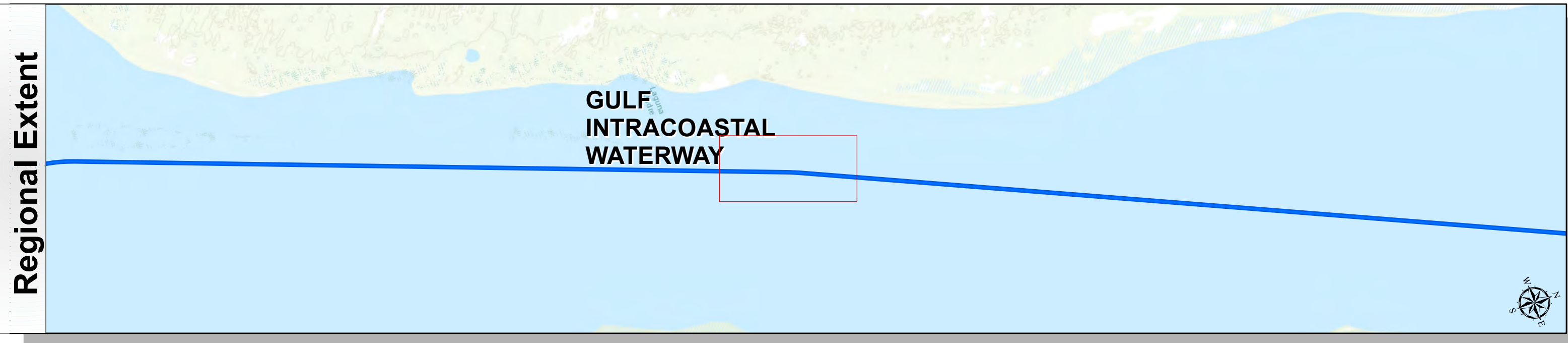
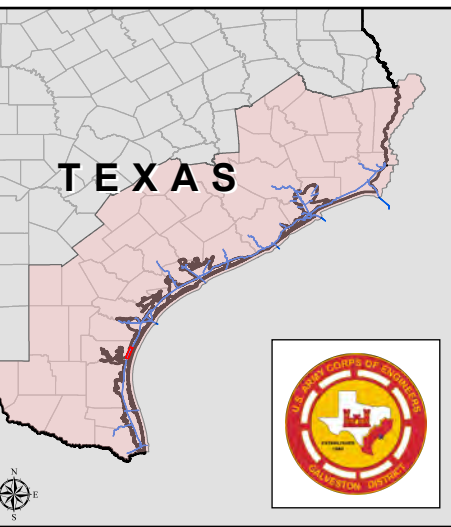
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

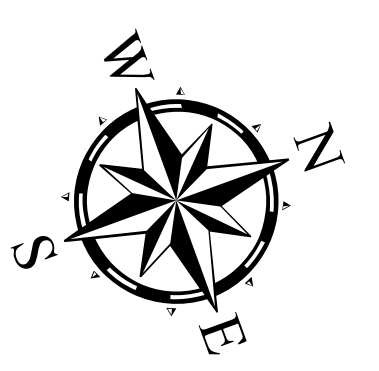
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 8 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

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- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
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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:
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

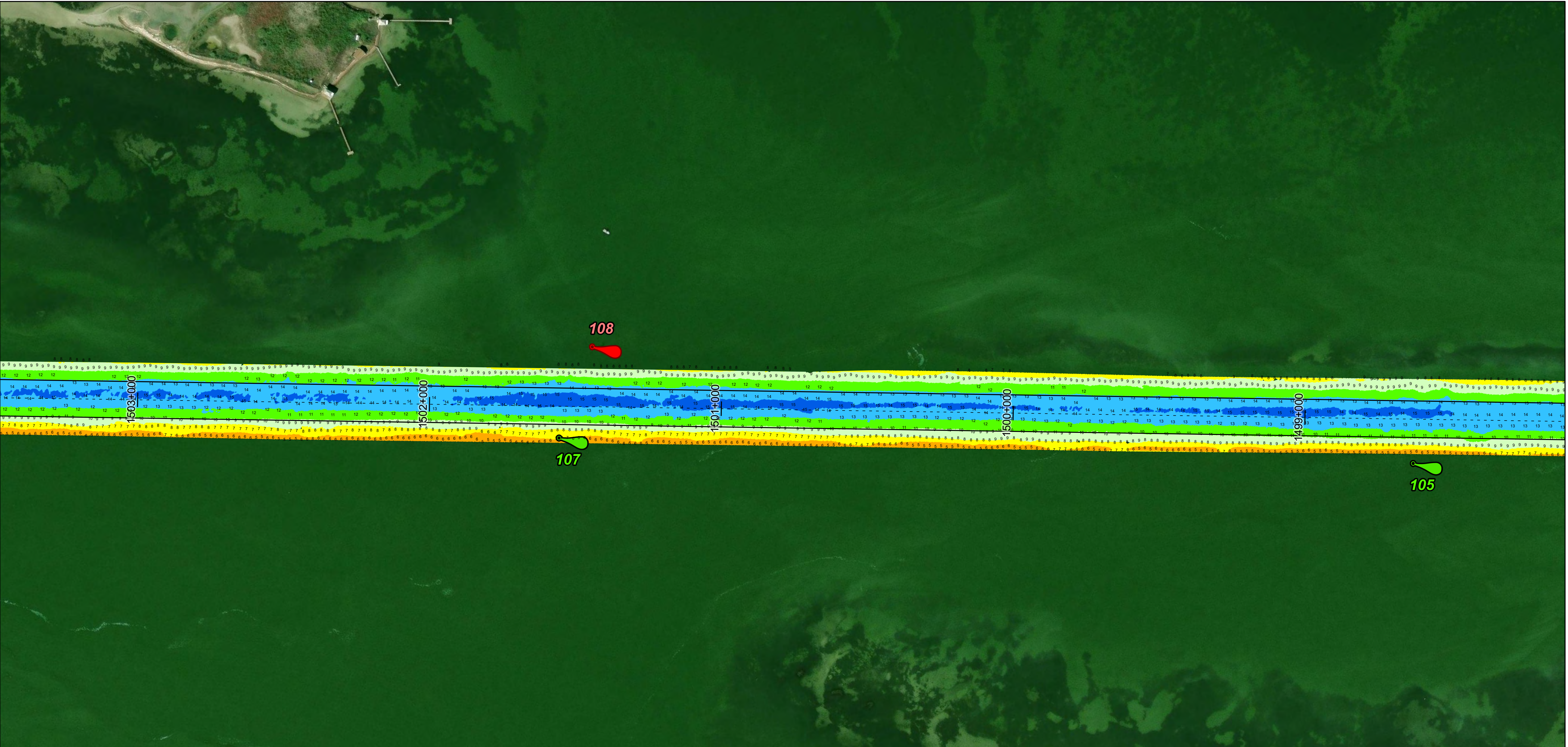
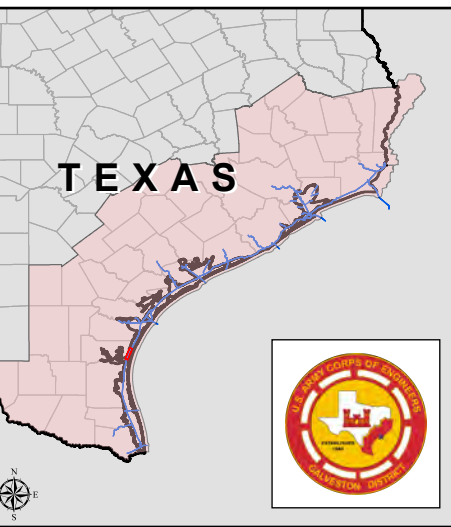
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 9 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

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

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

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

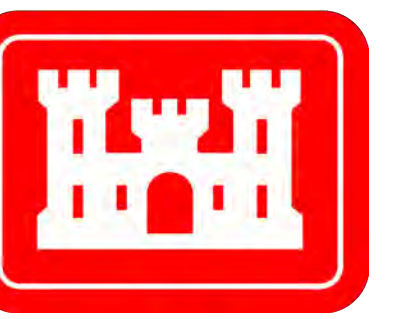
Hydrographic Survey Extent

0 170 340 680 Feet

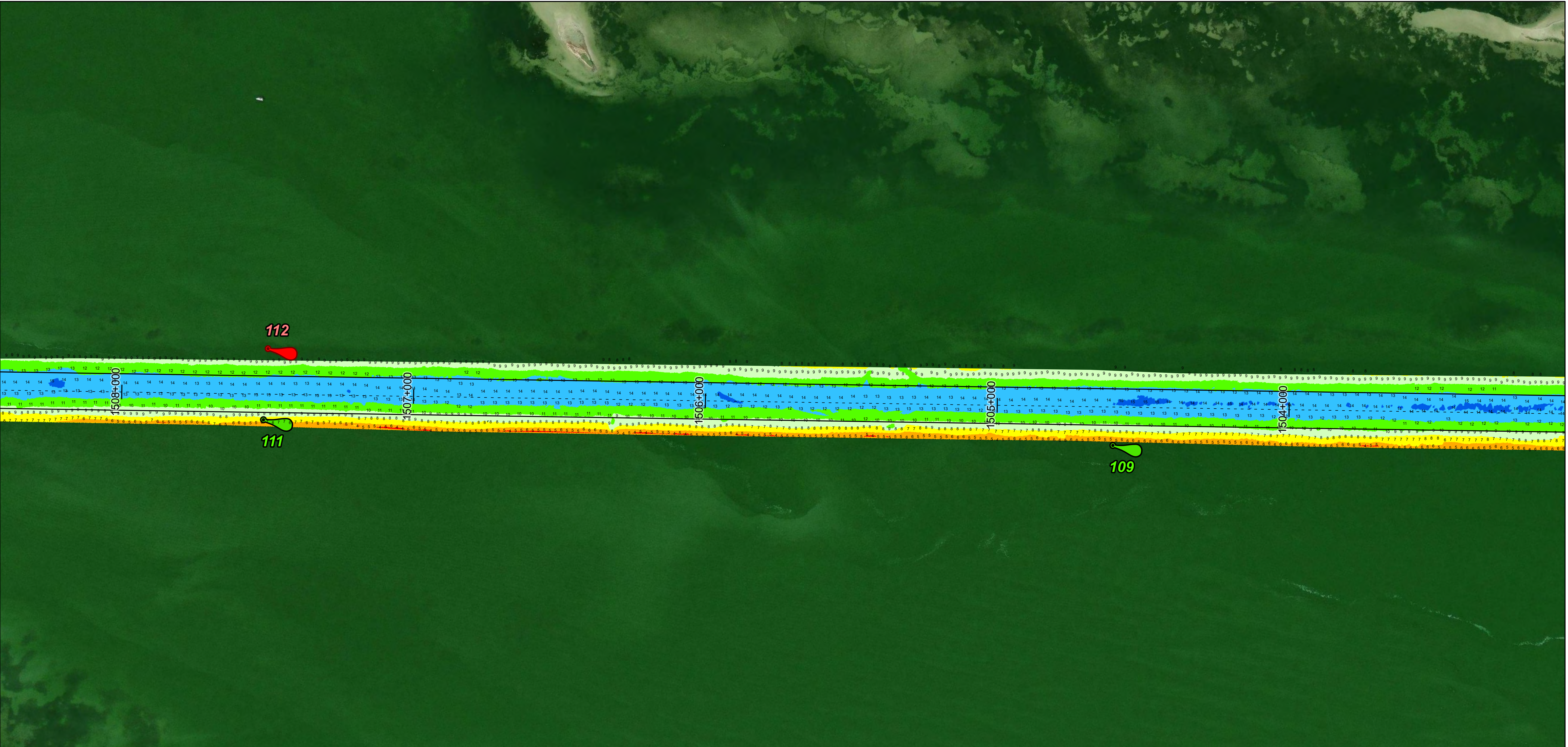
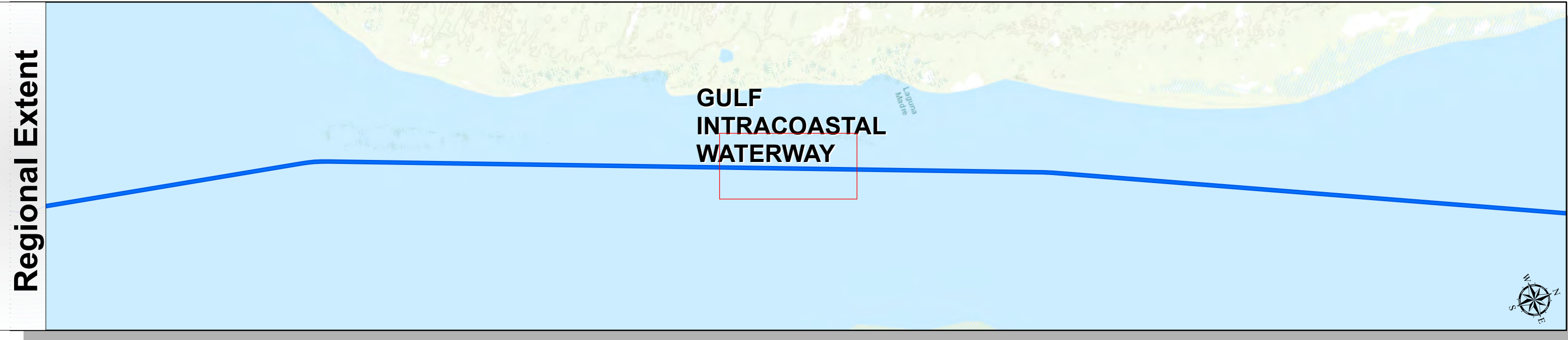
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

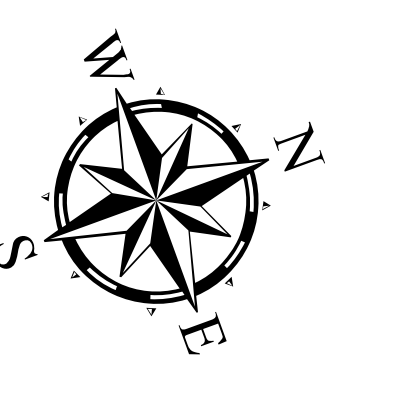
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 10 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	
Website Index Number: 233	



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

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.
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 World Imagery: Maxar, Microsoft
 World Imagery: Maxar

Additional Combined Survey Dates and Stationing:
 COMB_SURV_INFO_HERE

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

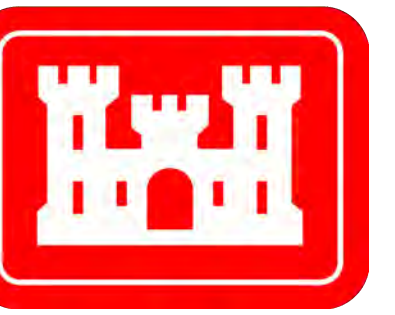
Dredging Reach Extent
 0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent
 0 170 340 680 Feet

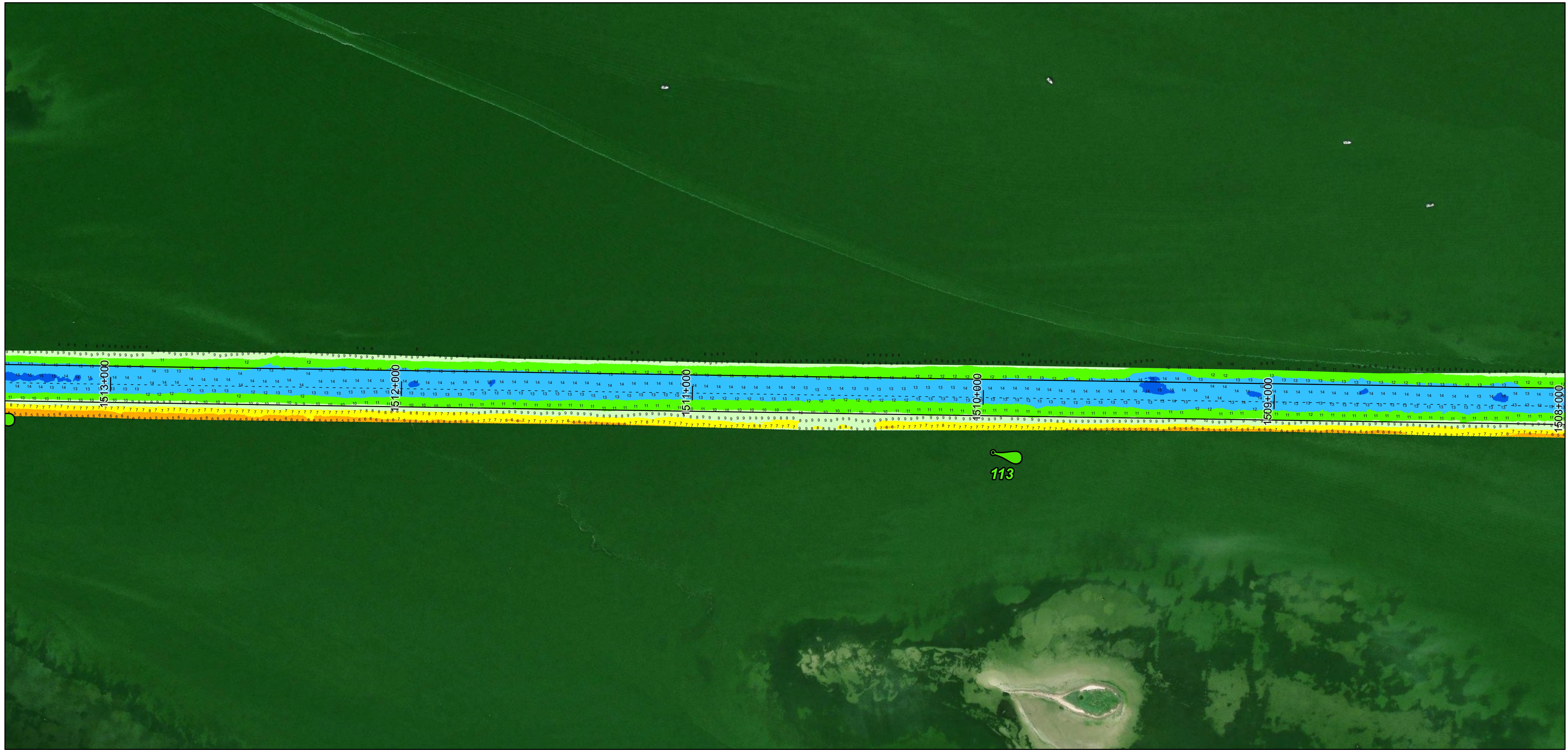
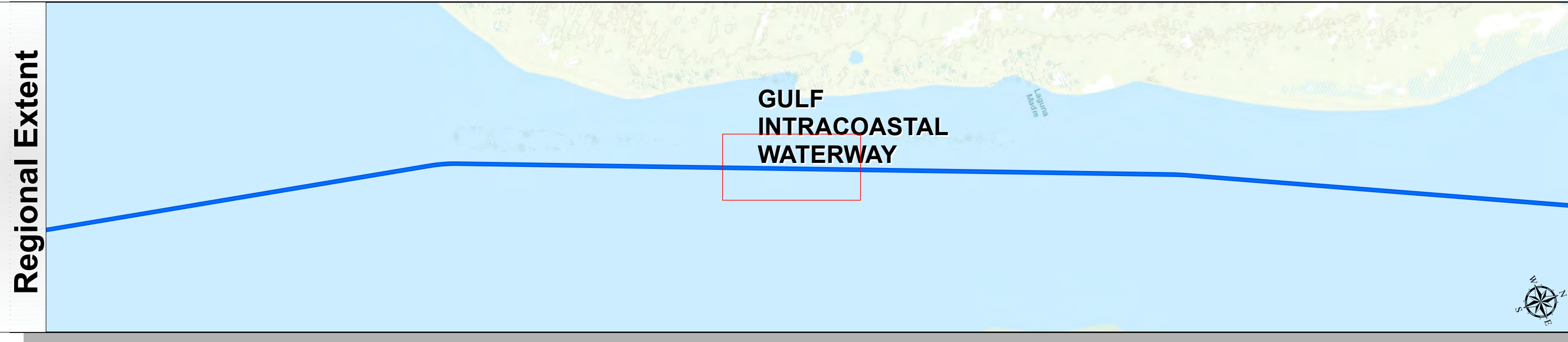
HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
 South Bird Island to Light 175

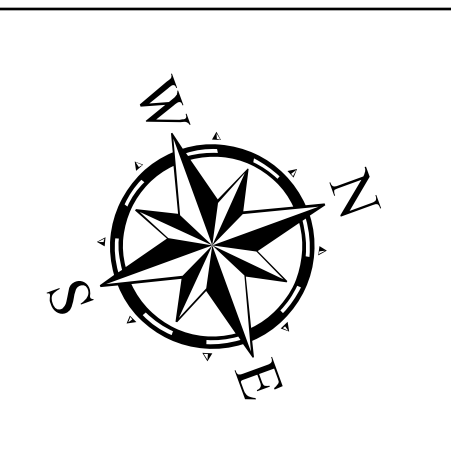
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 11 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17
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World Imagery: Maxar, Microsoft
World Imagery: Maxar

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
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Miles

Hydrographic Survey Extent

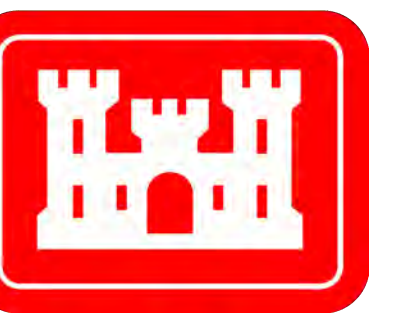
0	170	340	680
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Feet

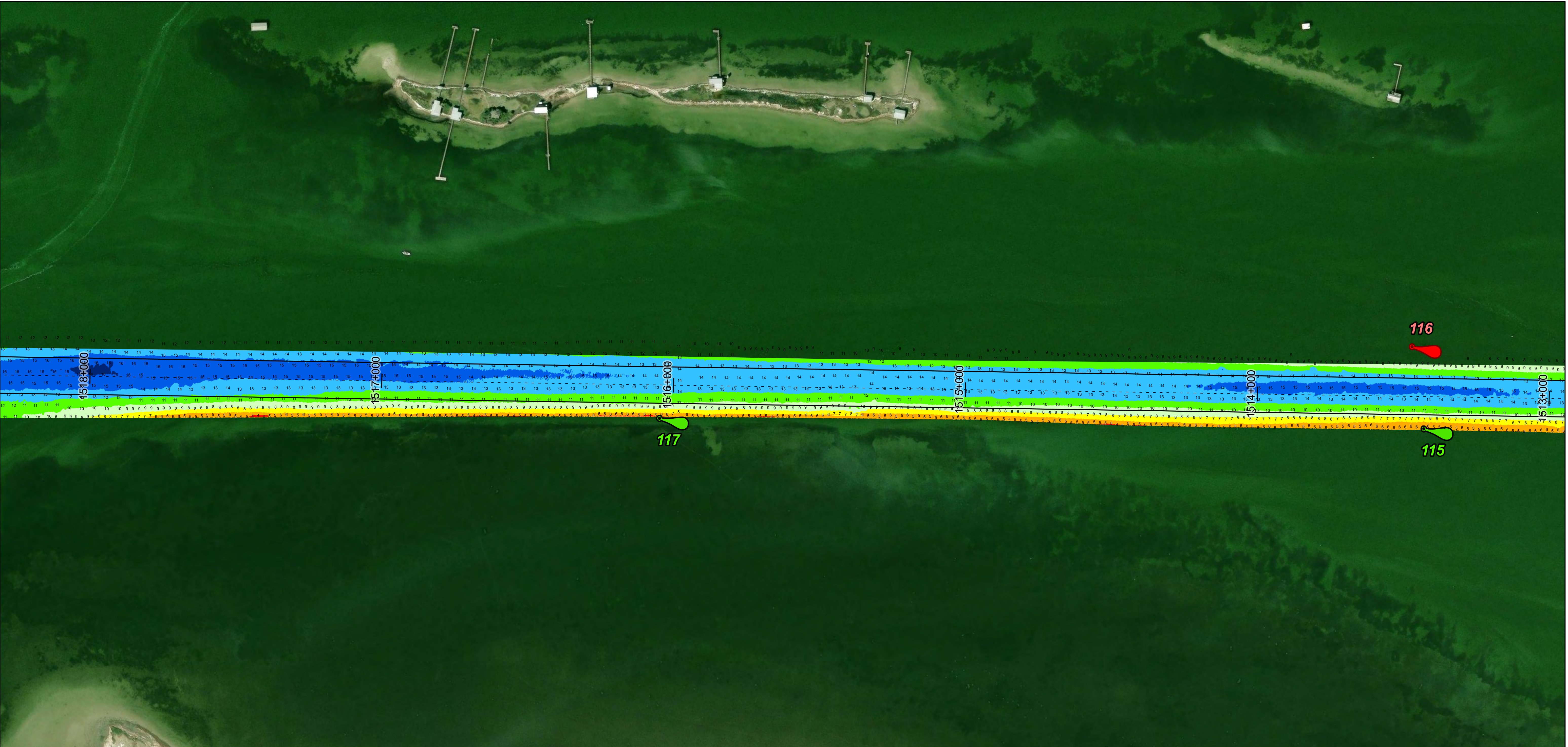
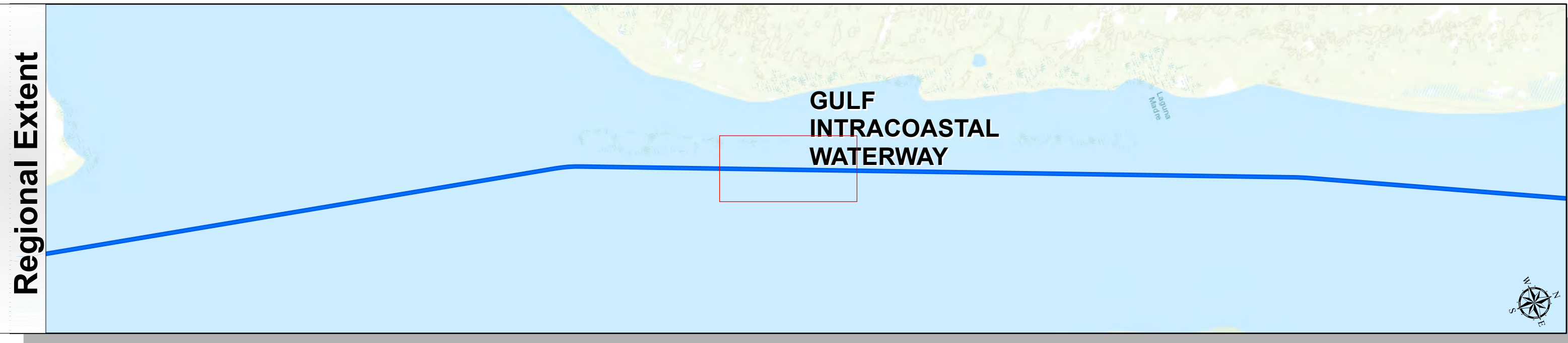
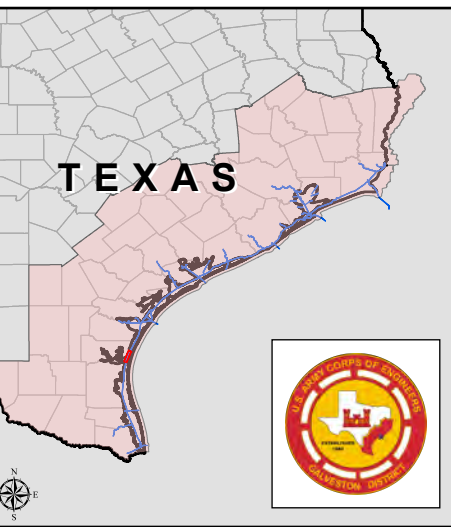
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

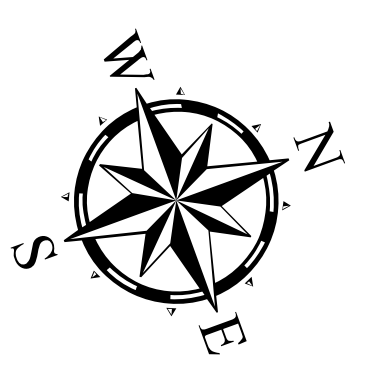
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 12 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

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World Imagery: Maxar, Microsoft
World Imagery: Maxar

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

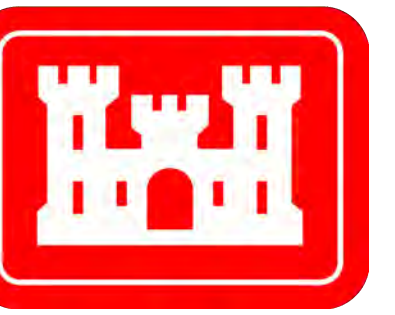
Dredging Reach Extent

Hydrographic Survey Extent

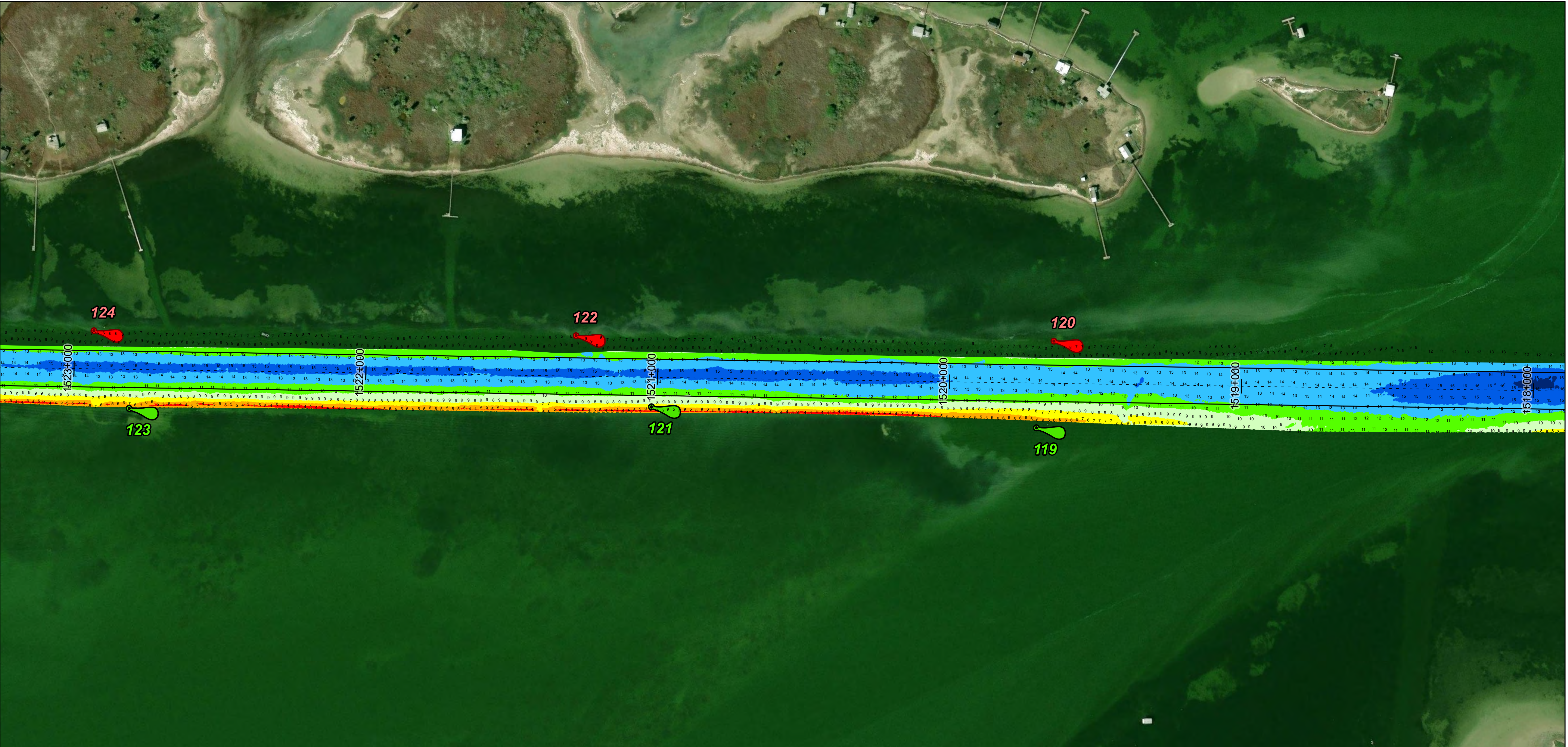
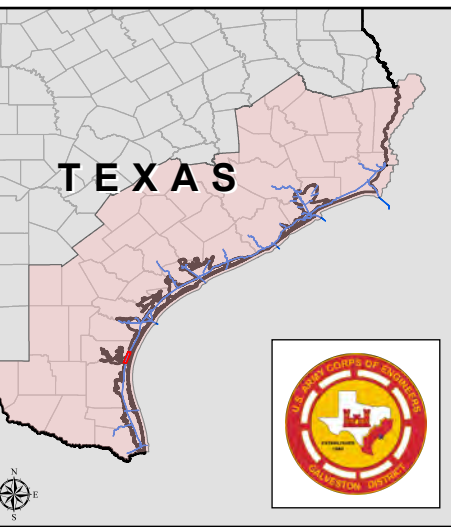
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

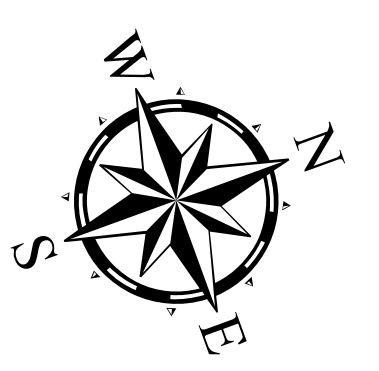
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 13 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features	Aids to Navigation	MLLW
<ul style="list-style-type: none"> --- Channel Center Line — Channel Toe ↔ Channel Dimensions 	<ul style="list-style-type: none"> Green Side Aids Red Side Aids Lights 	<ul style="list-style-type: none"> 0-3 3-5 5-7 7-9 9-11 11-13 13-15 15-17 <17

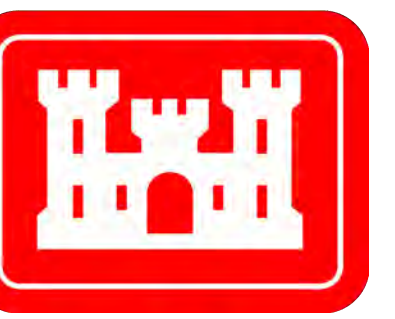
NOTES:
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 World Imagery: Maxar, Microsoft
 World Imagery: Maxar

Additional Combined Survey Dates and Stationing:
 COMB_SURV_INFO_HERE

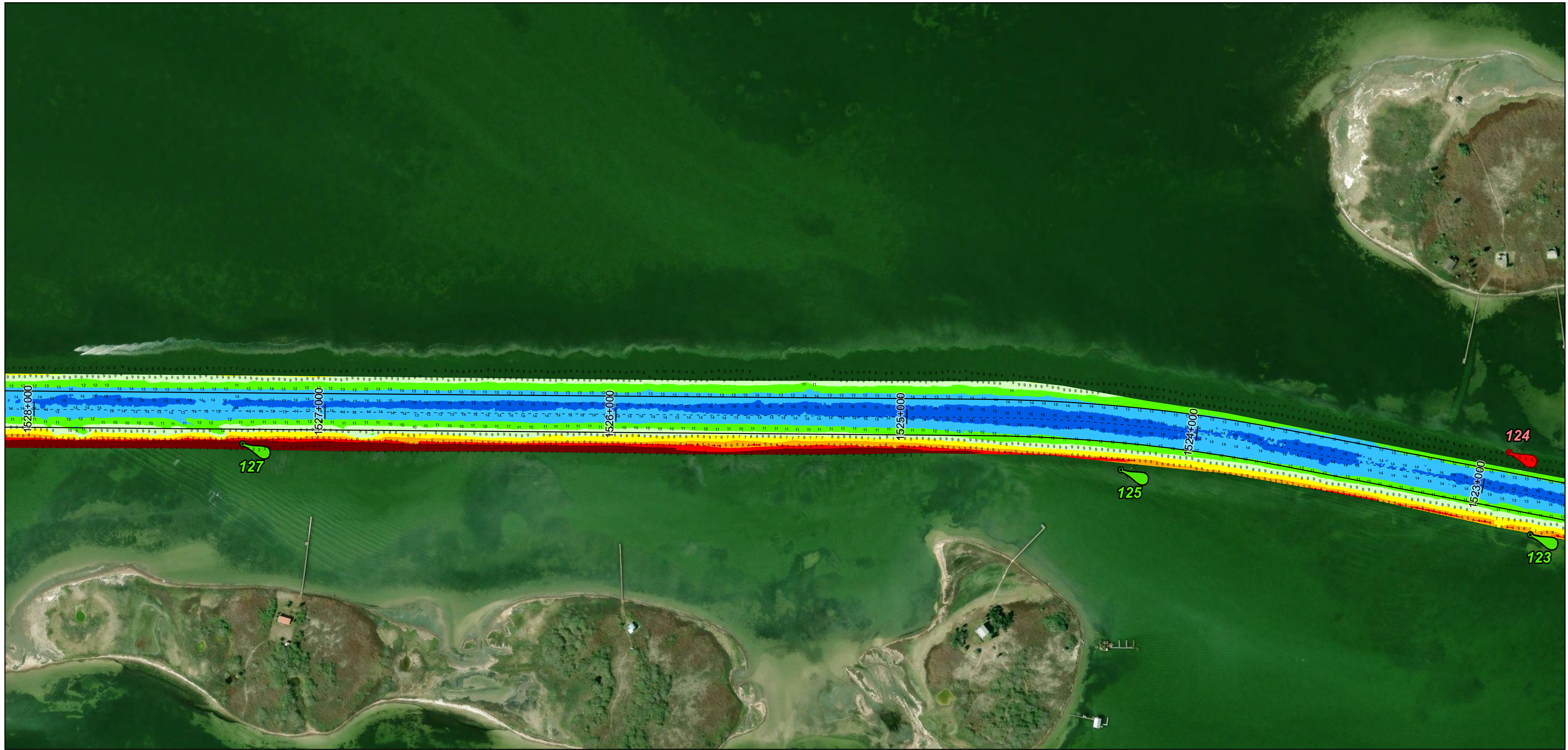
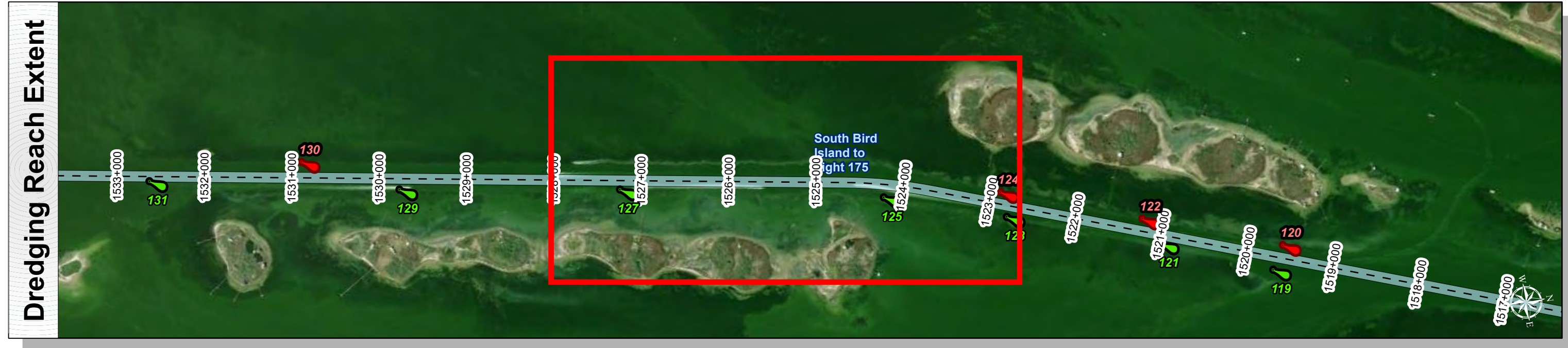
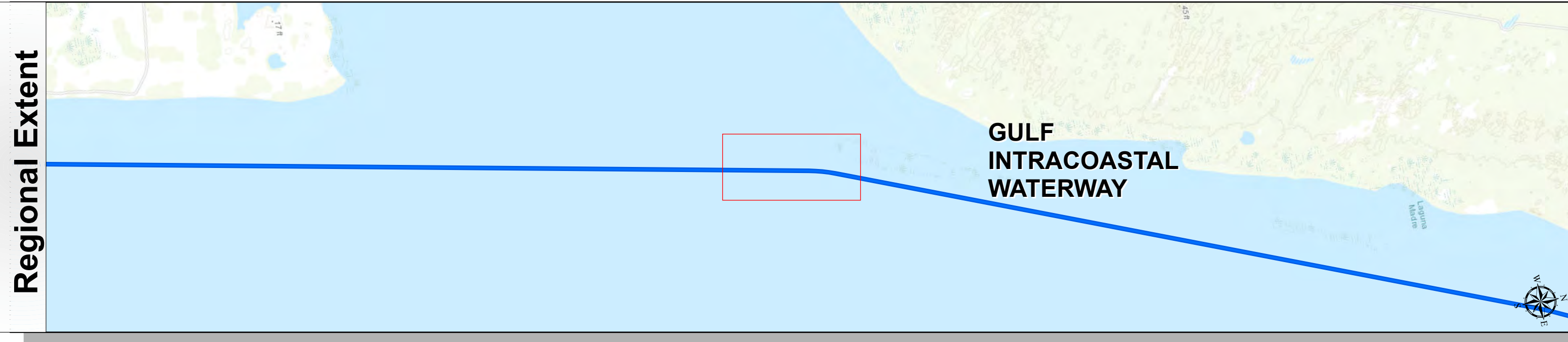
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic
Dredging Reach Extent 0 0.2 0.4 0.8 Miles
Hydrographic Survey Extent 0 170 340 680 Feet

HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS
Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
 South Bird Island to Light 175

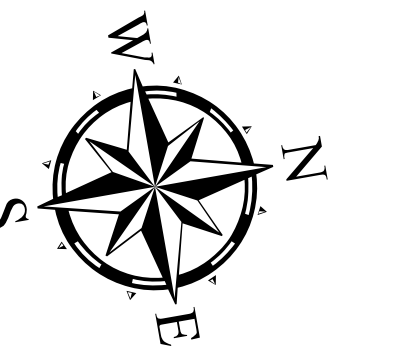
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 15 of 27	Width Range: 125ft to 125ft
Website Index Number: 237	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000	PDF Print Date: 3/18/2025
Mapped by: M3AOXPAC	
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

NOTES:

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World Imagery: Maxar, Microsoft
World Imagery: Maxar

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

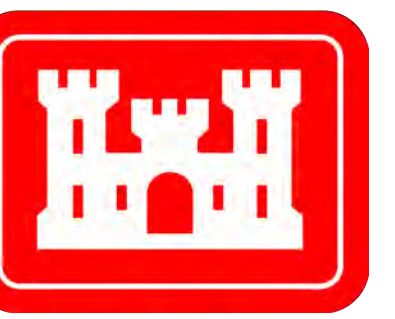
Hydrographic Survey Extent

0 170 340 680 Feet

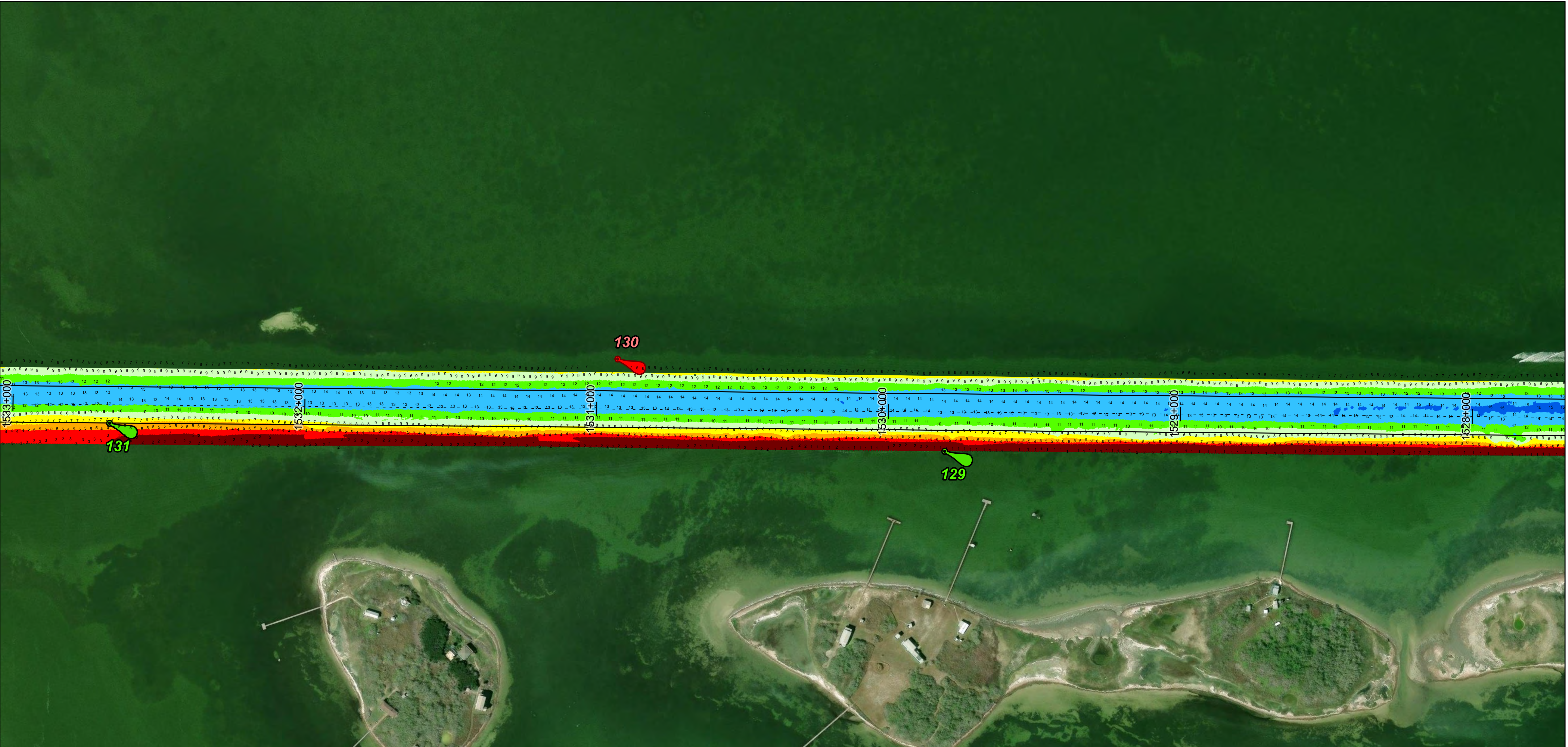
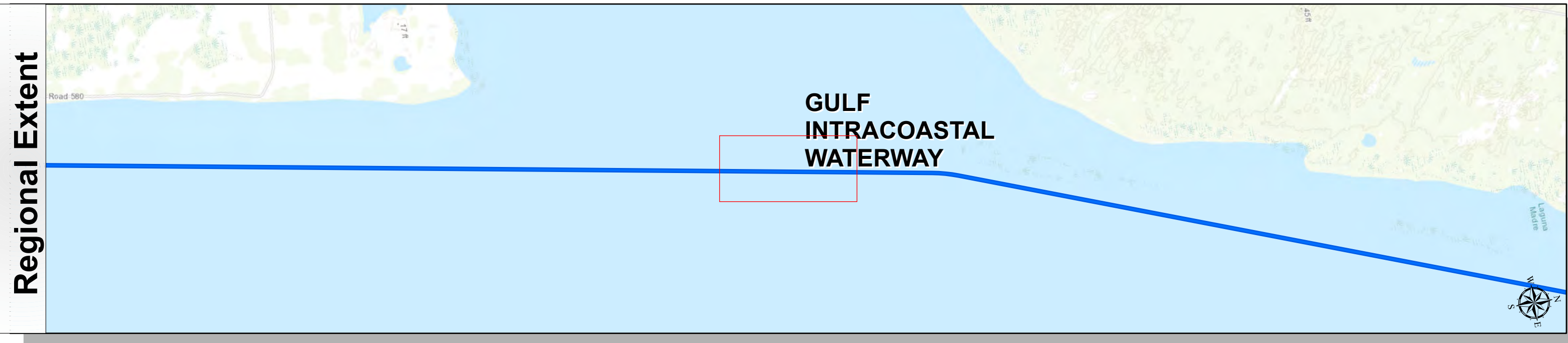
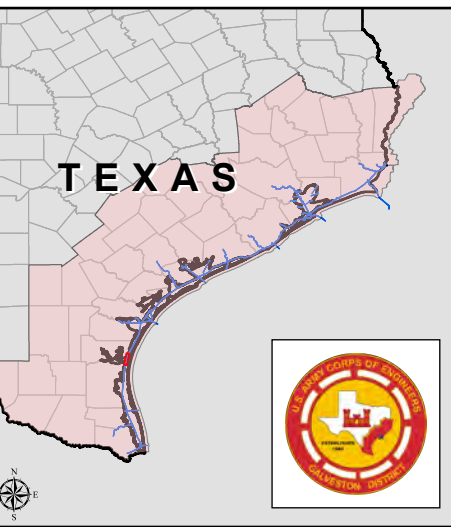
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

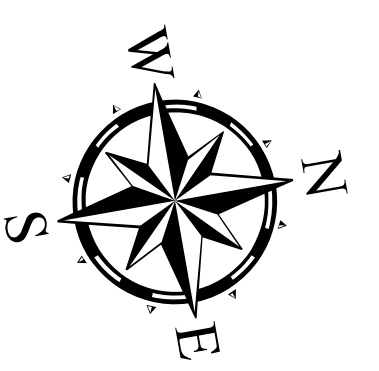
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 17 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	
Website Index Number: 238	



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

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

NOTES:
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 World Imagery: Maxar

Additional Combined Survey Dates and Stationing:
 COMB_SURV_INFO_HERE

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

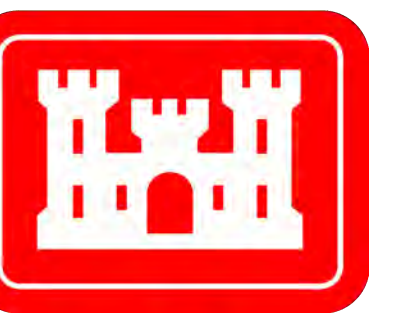
Dredging Reach Extent
 0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent
 0 170 340 680 Feet

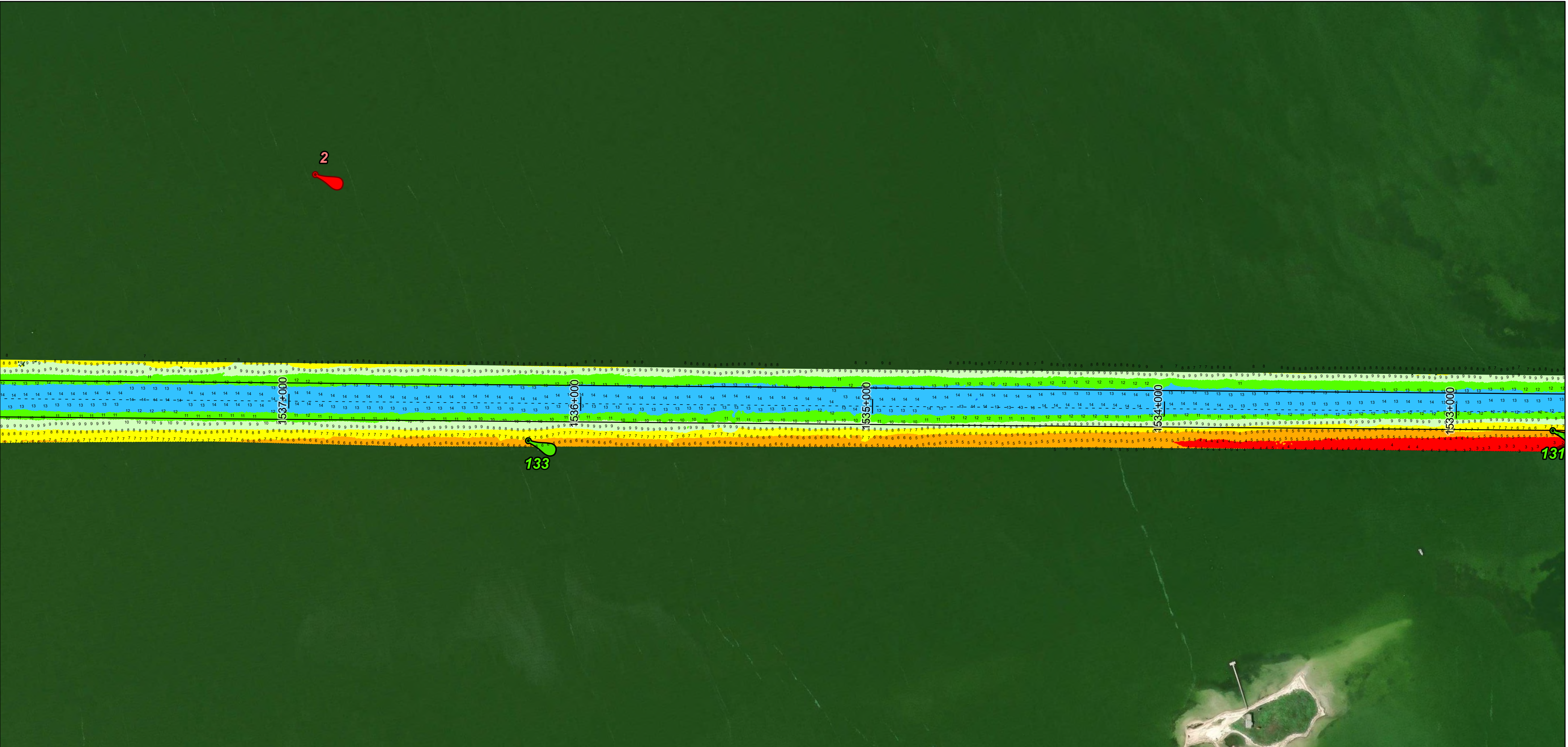
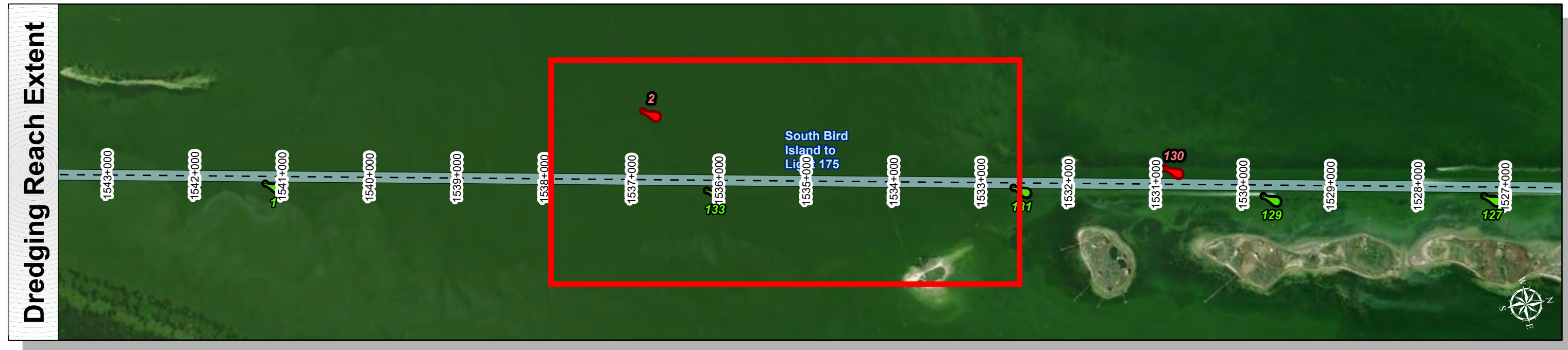
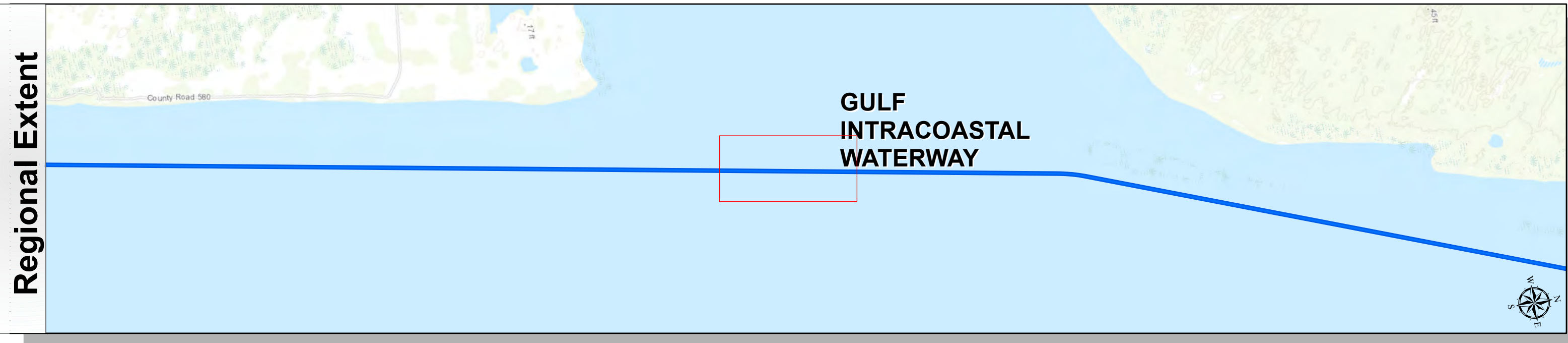
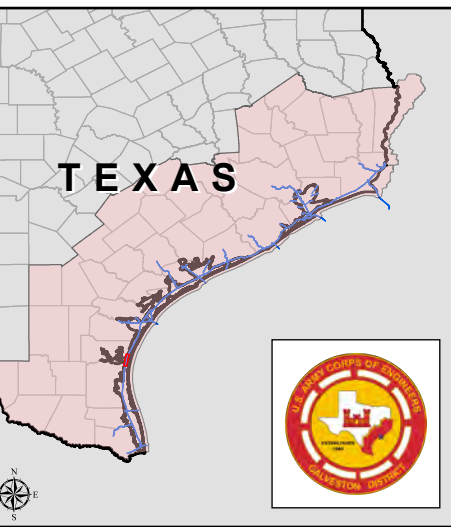
HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
 South Bird Island to Light 175

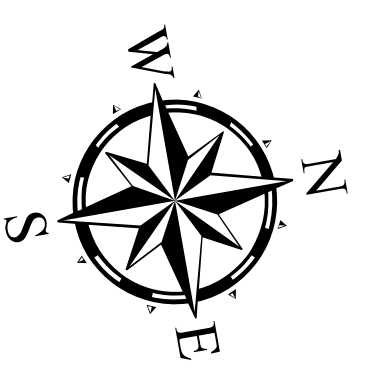
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 18 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

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World Imagery: Maxar, Microsoft
World Imagery: Maxar

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

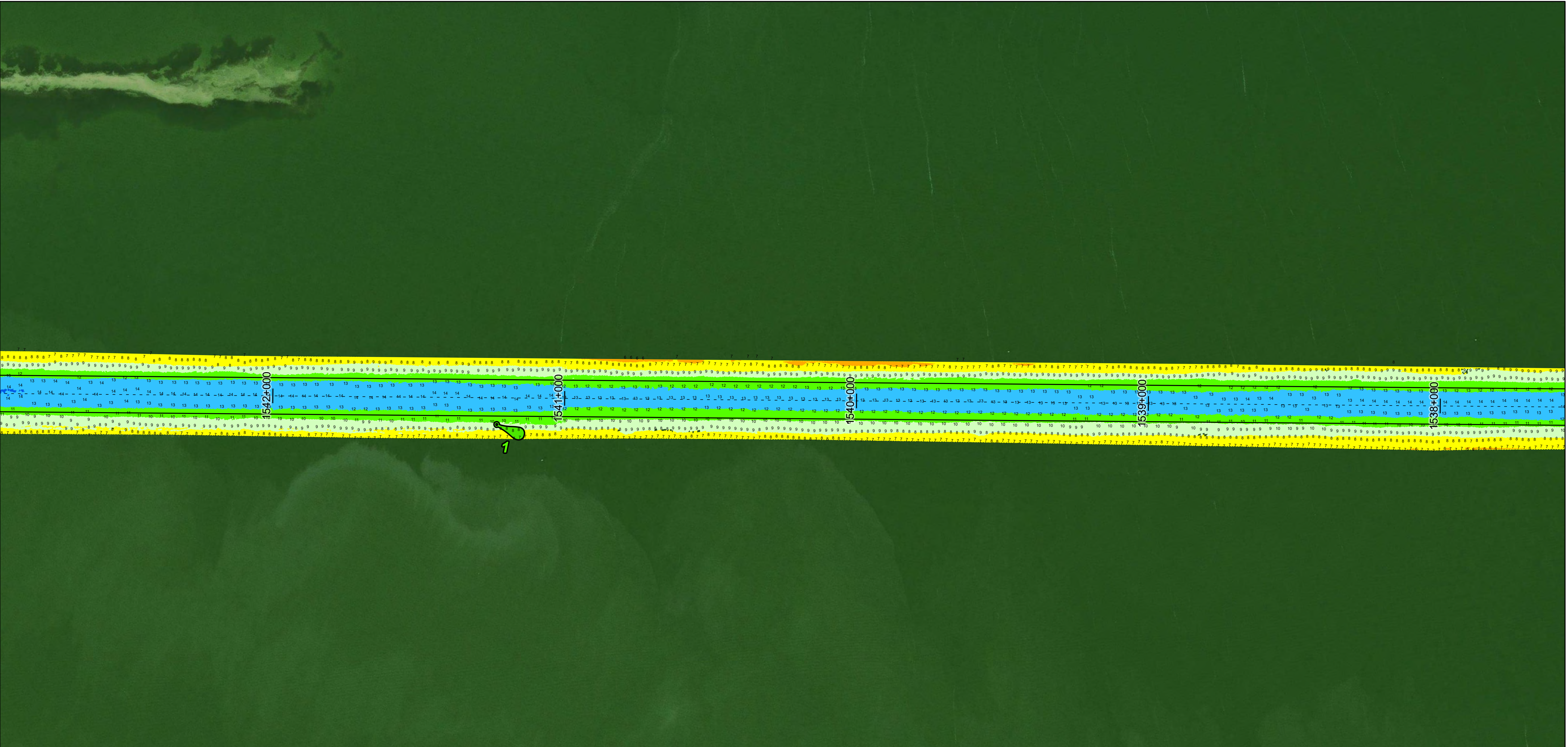
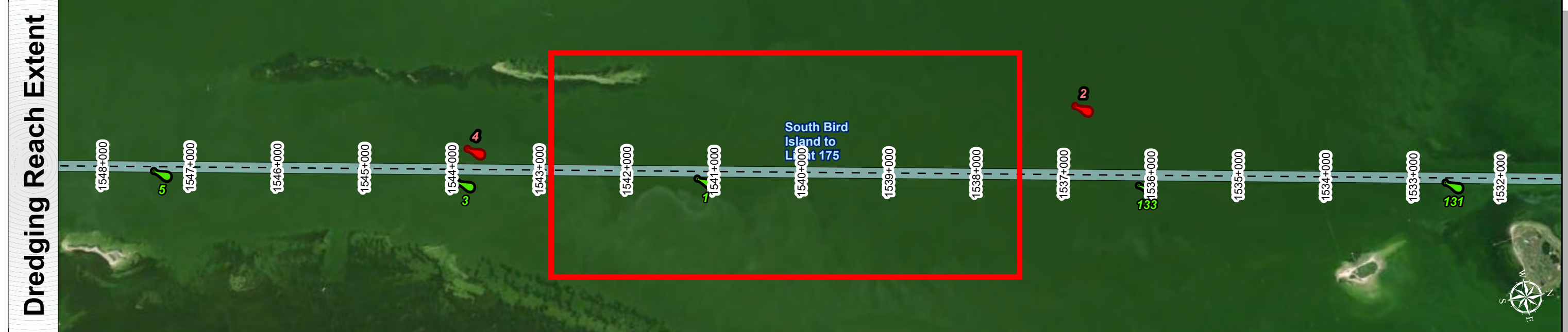
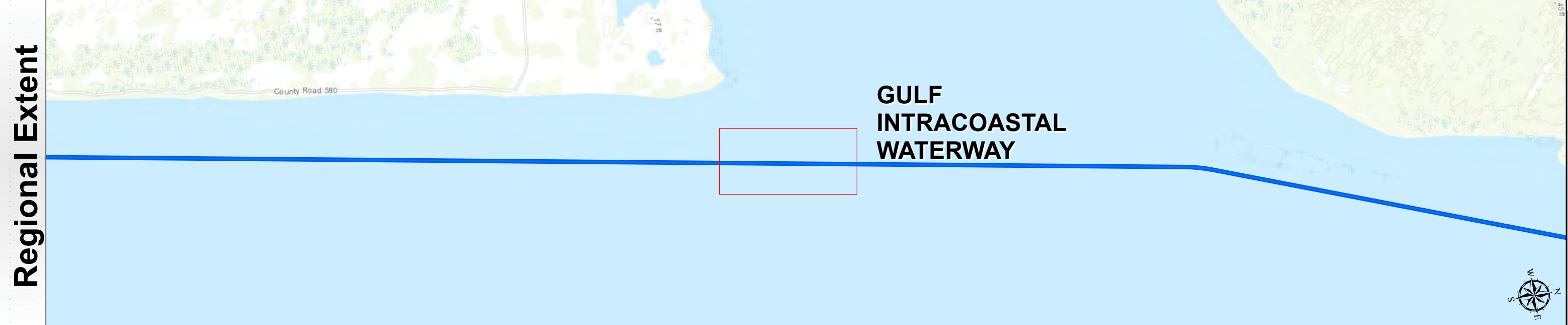
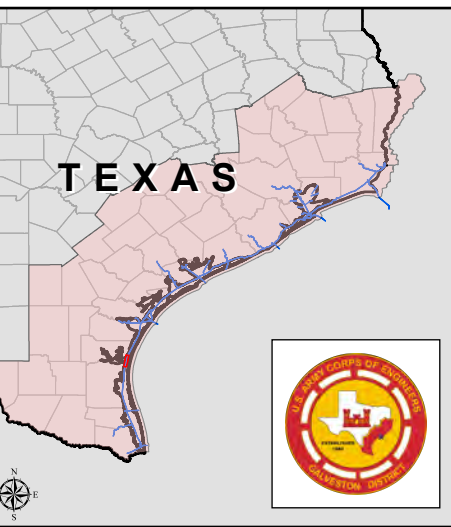
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

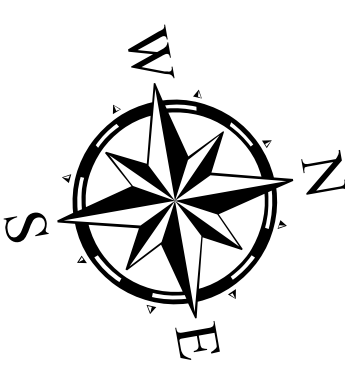
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 19 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
- This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by er1110-6132.
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- For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>

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

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

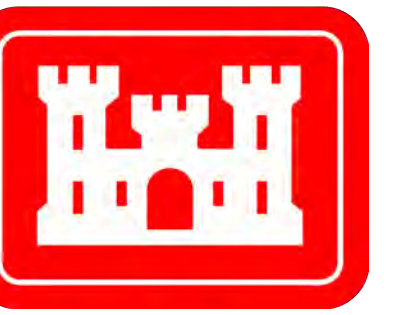
Hydrographic Survey Extent

0 170 340 680 Feet

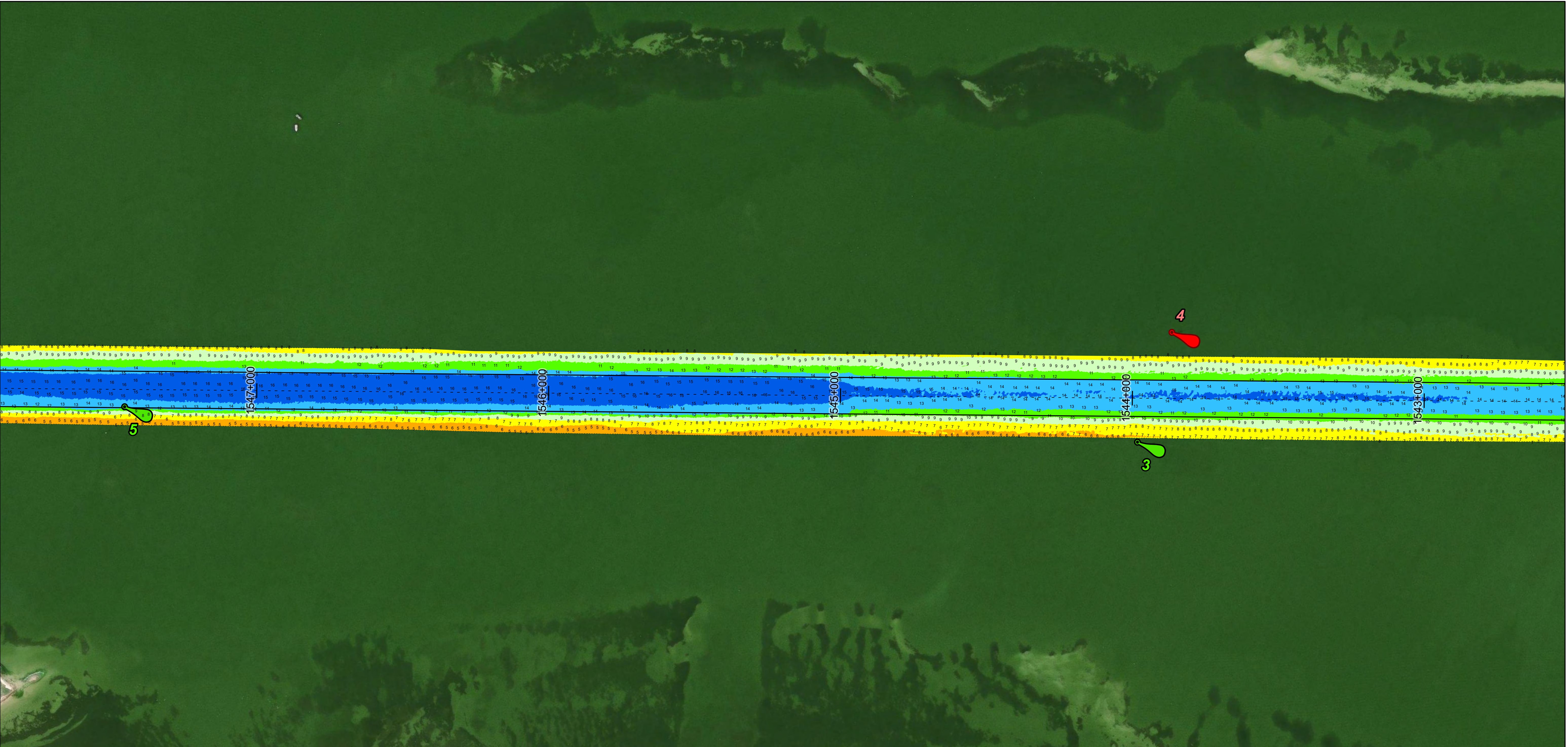
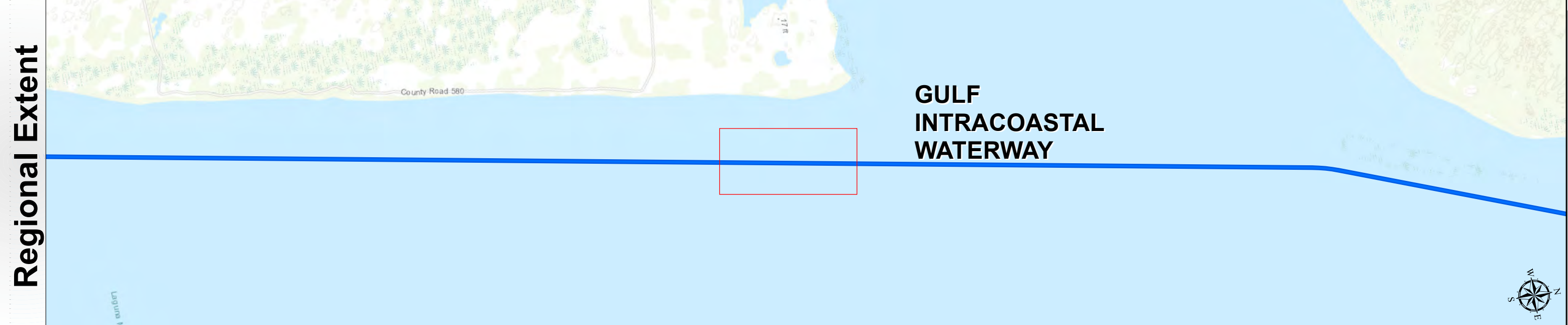
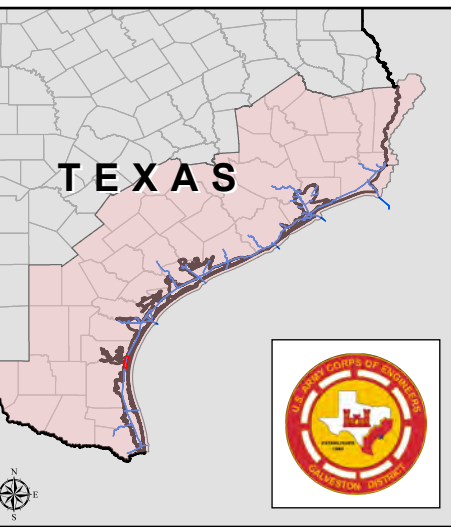
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

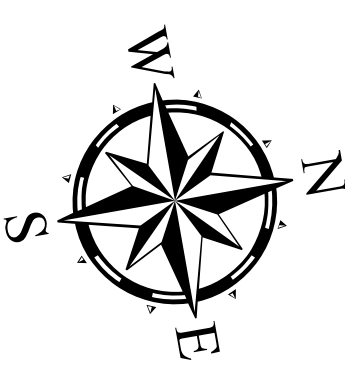
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 20 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

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World Imagery: Maxar, Microsoft
World Imagery: Maxar

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

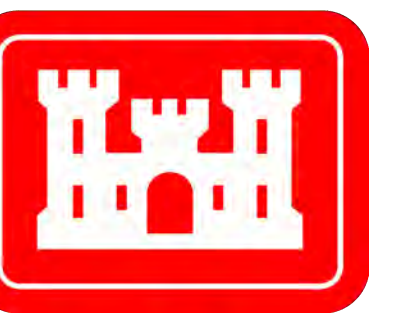
Hydrographic Survey Extent

0 170 340 680 Feet

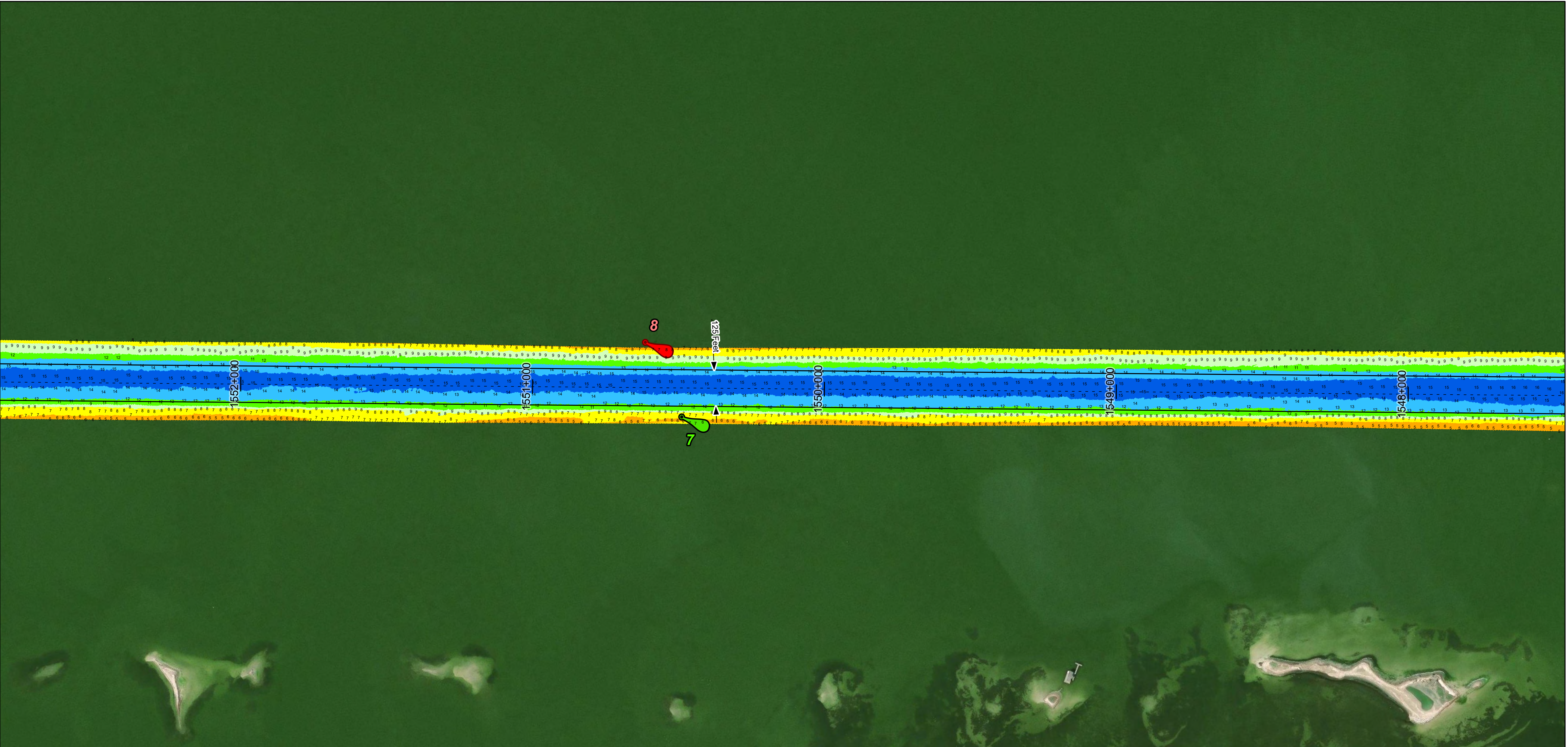
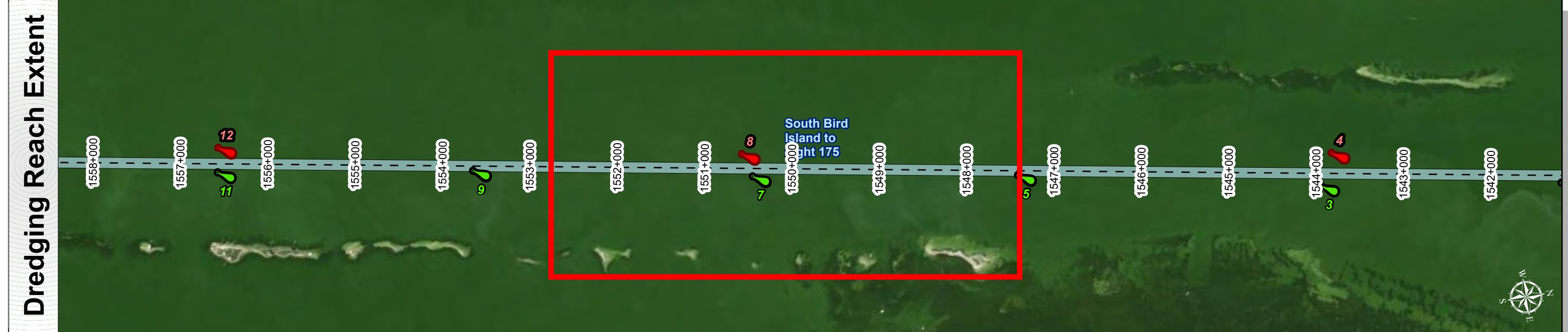
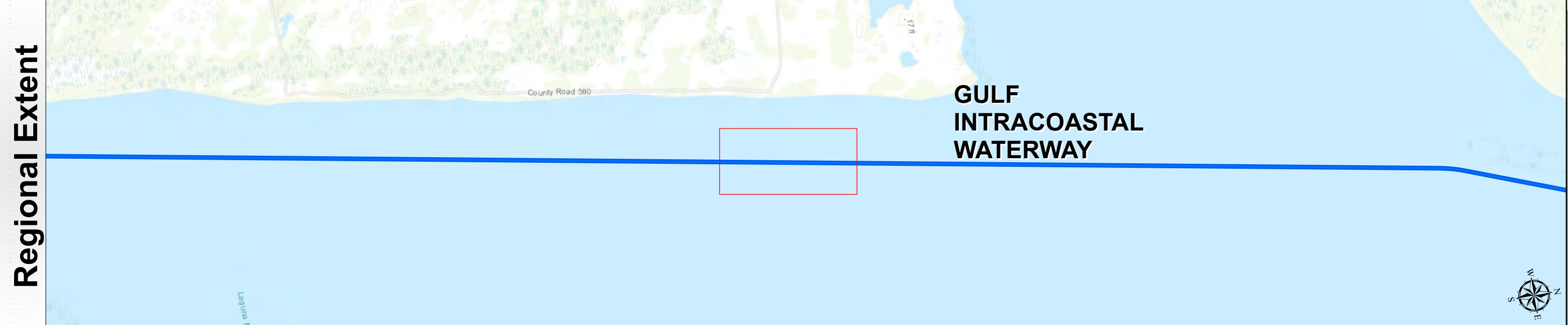
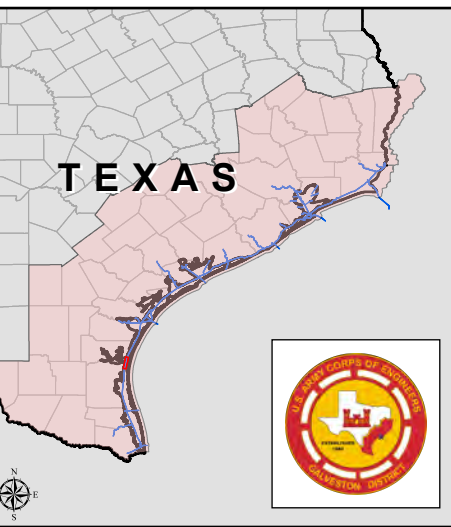
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

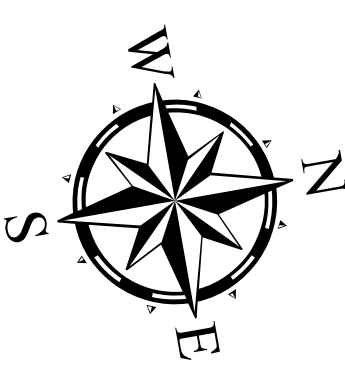
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 21 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



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

NOTES:

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
- This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by er1110-1, 8-132.
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World Imagery: Maxar, Microsoft
World Imagery: Maxar

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

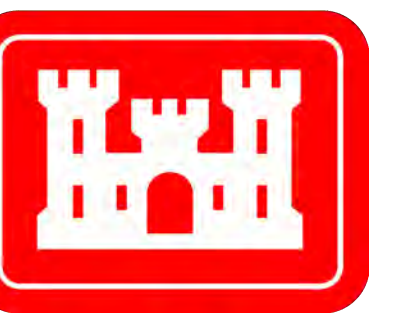
Dredging Reach Extent
0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent
0 170 340 680 Feet

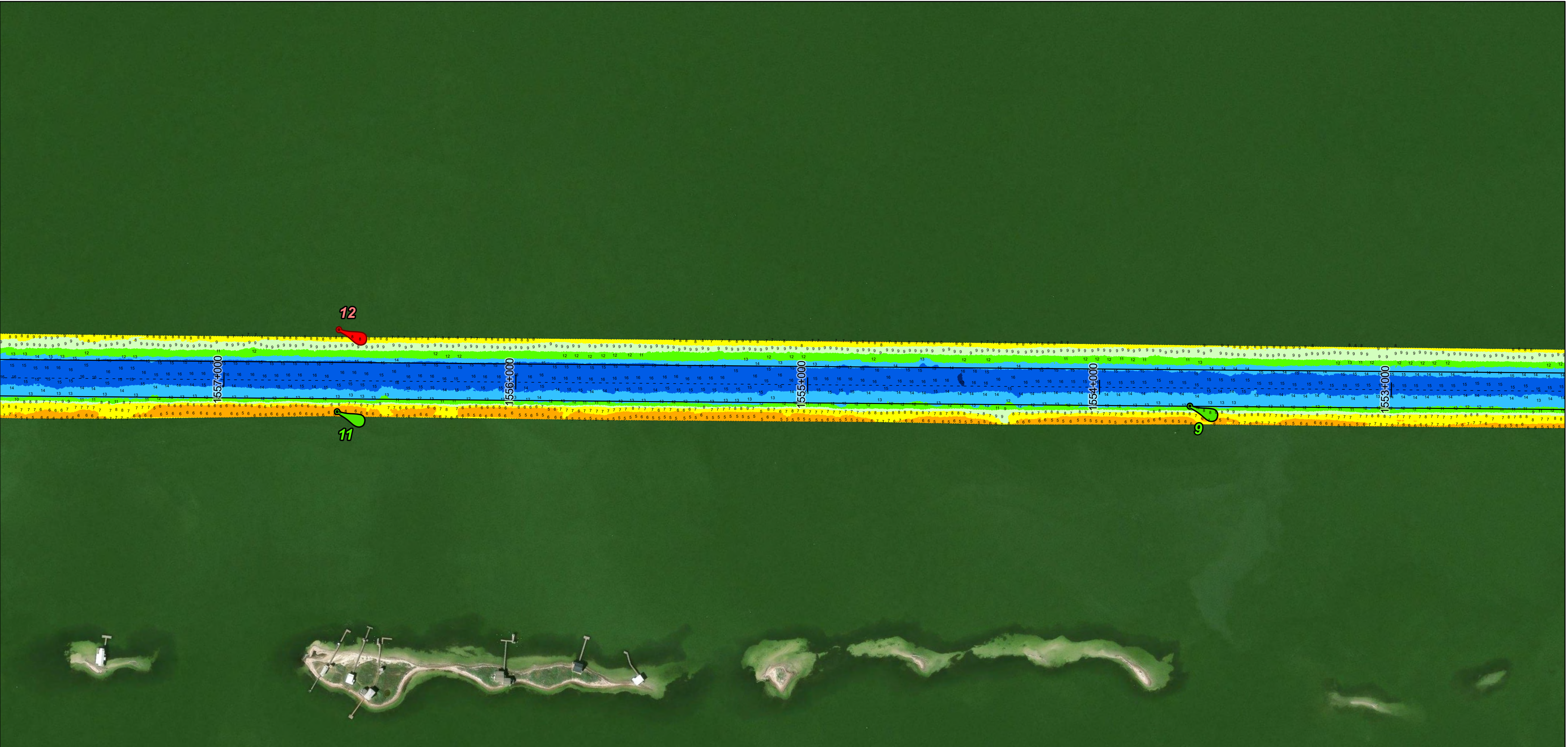
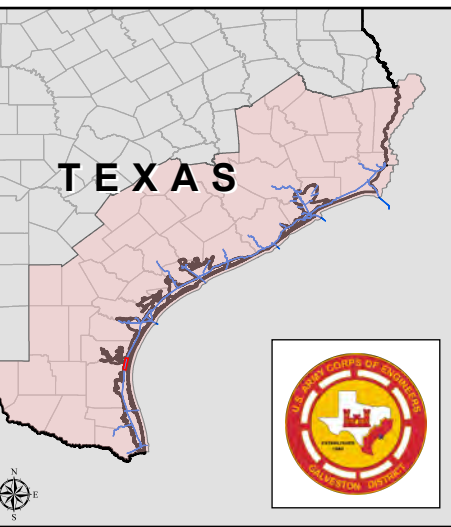
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

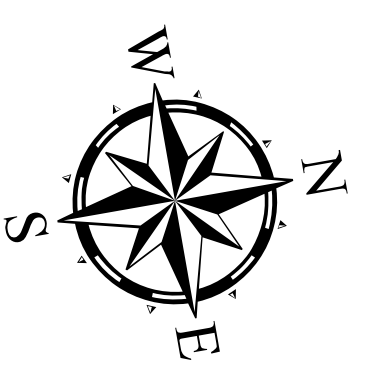
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 14 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



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

MLLW

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

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World Imagery: Maxar, Microsoft
World Imagery: Maxar

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

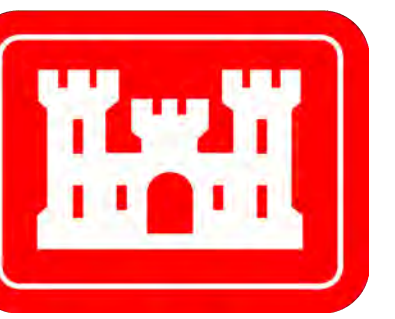
Dredging Reach Extent
0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent
0 170 340 680 Feet

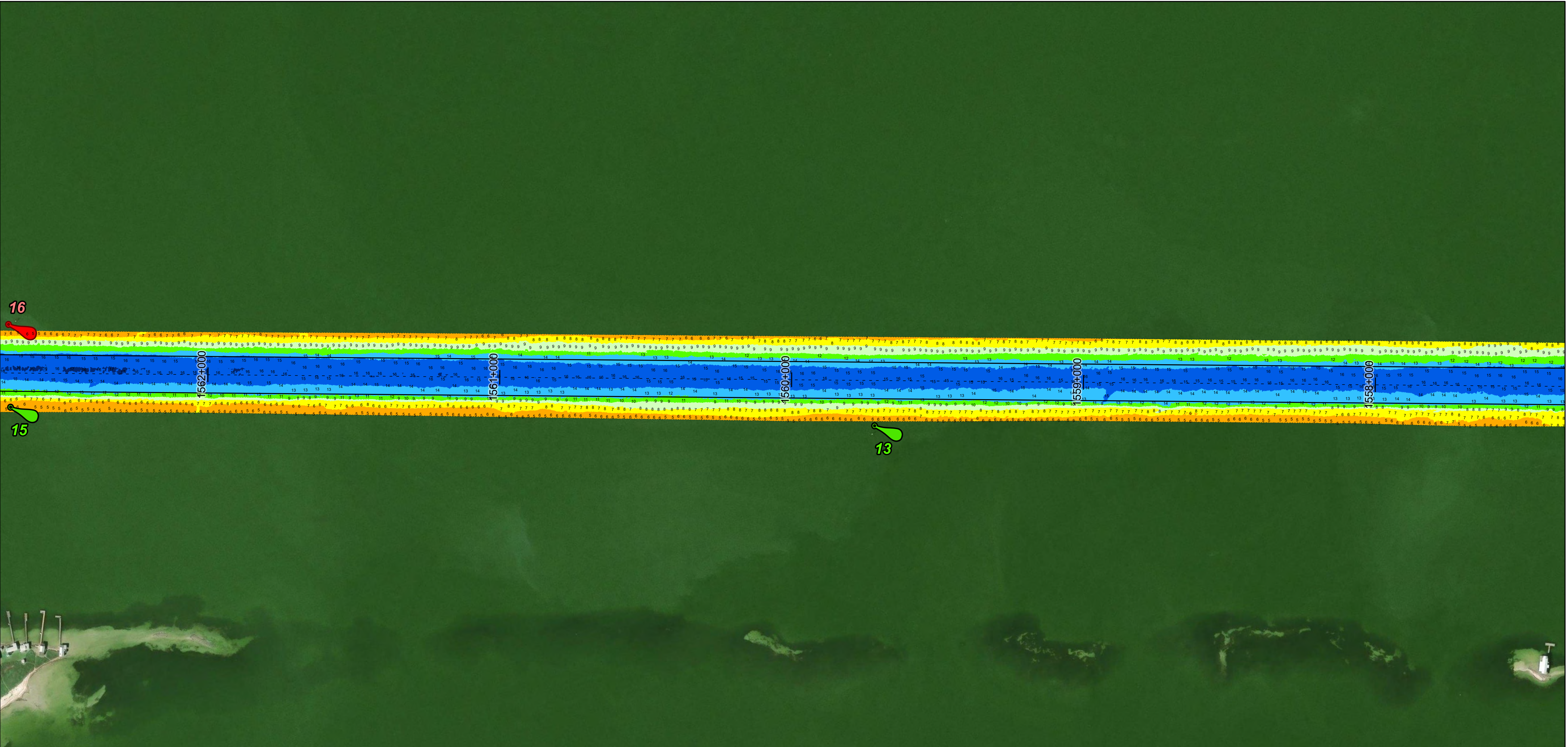
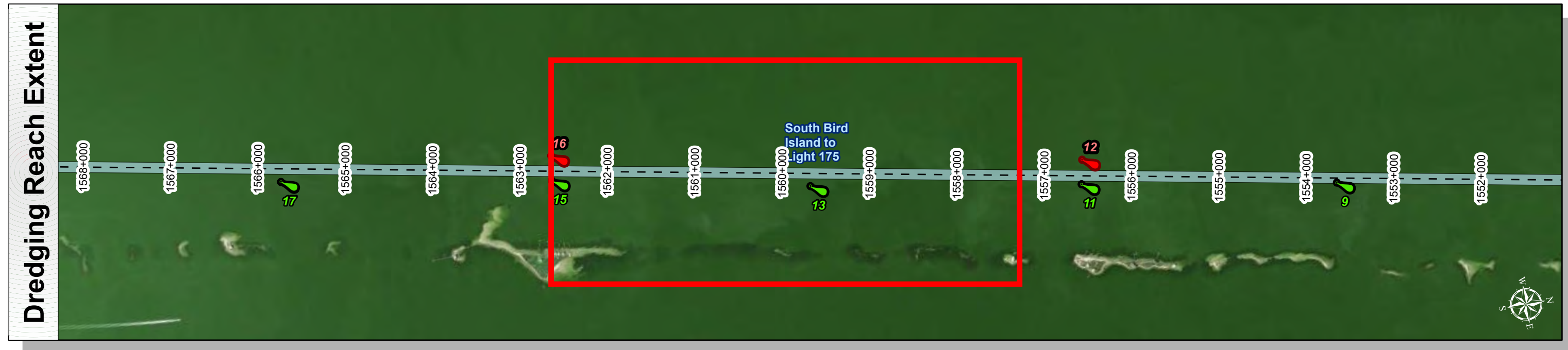
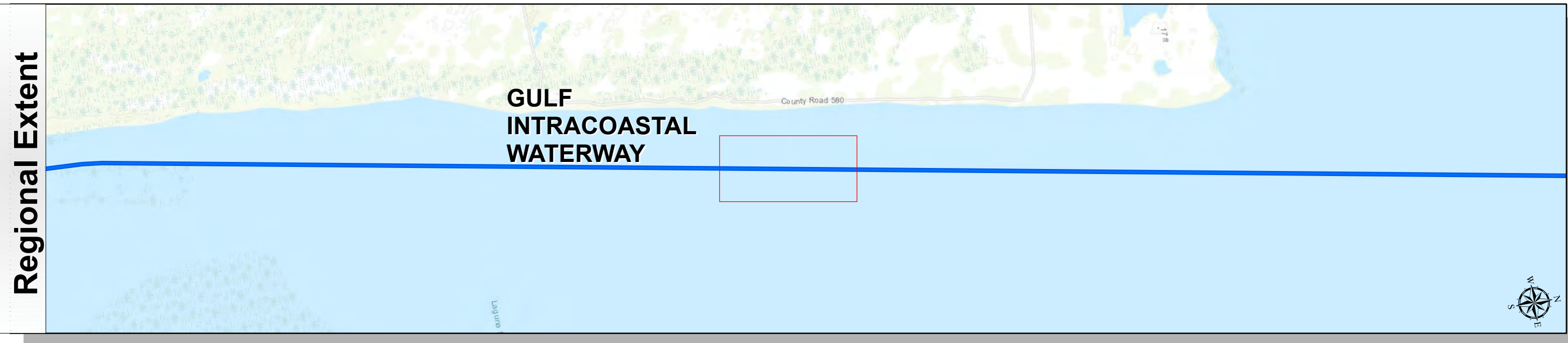
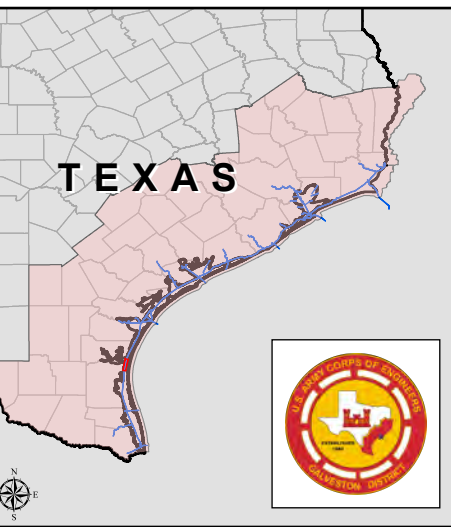
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

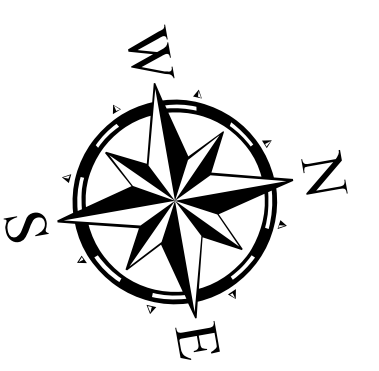
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 16 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

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World Imagery: Maxar, Microsoft
World Imagery: Maxar

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

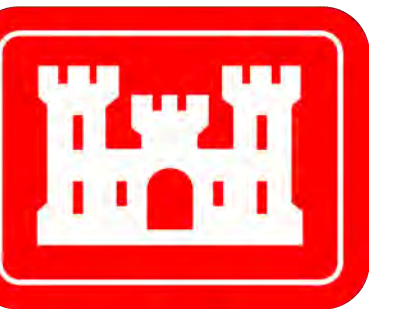
Dredging Reach Extent

Hydrographic Survey Extent

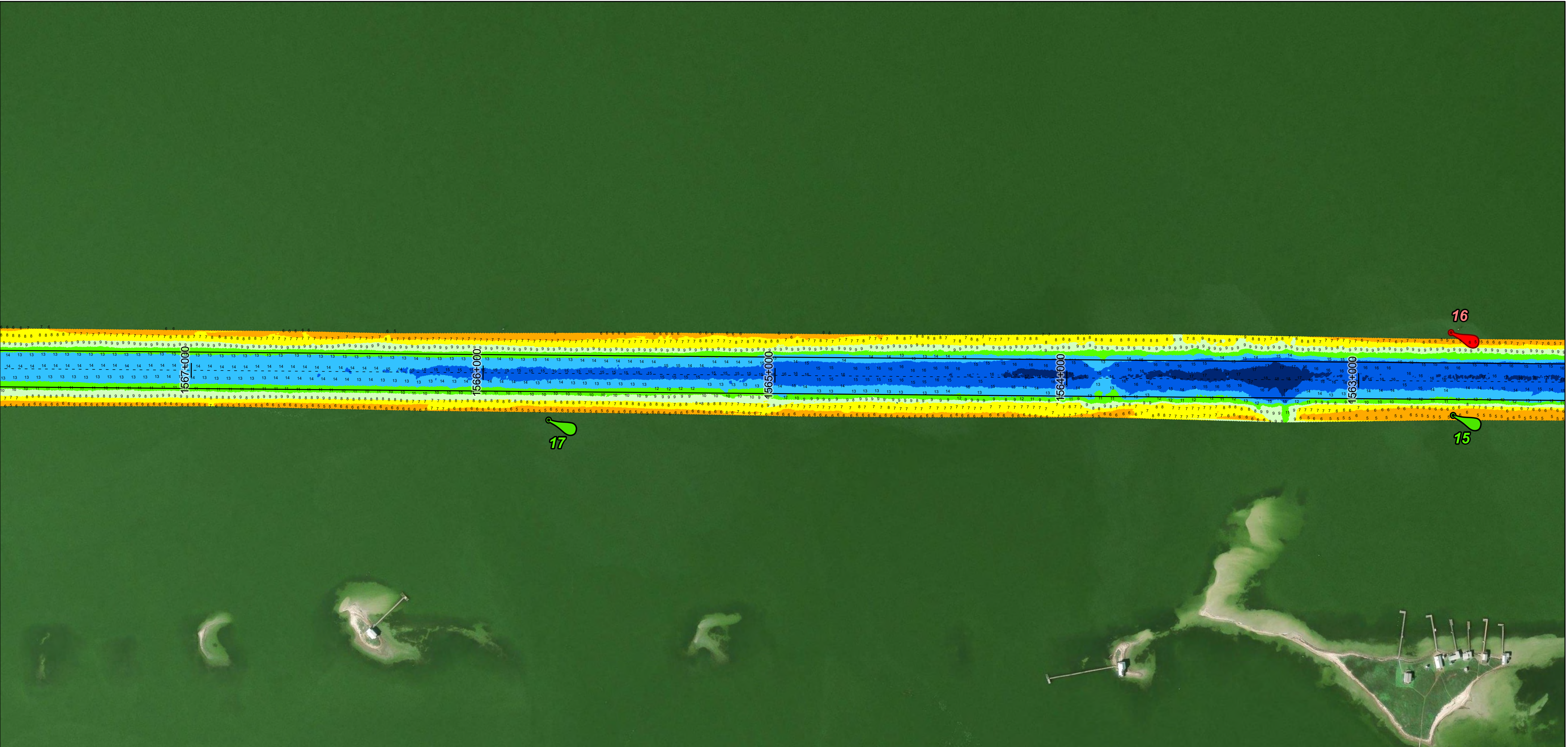
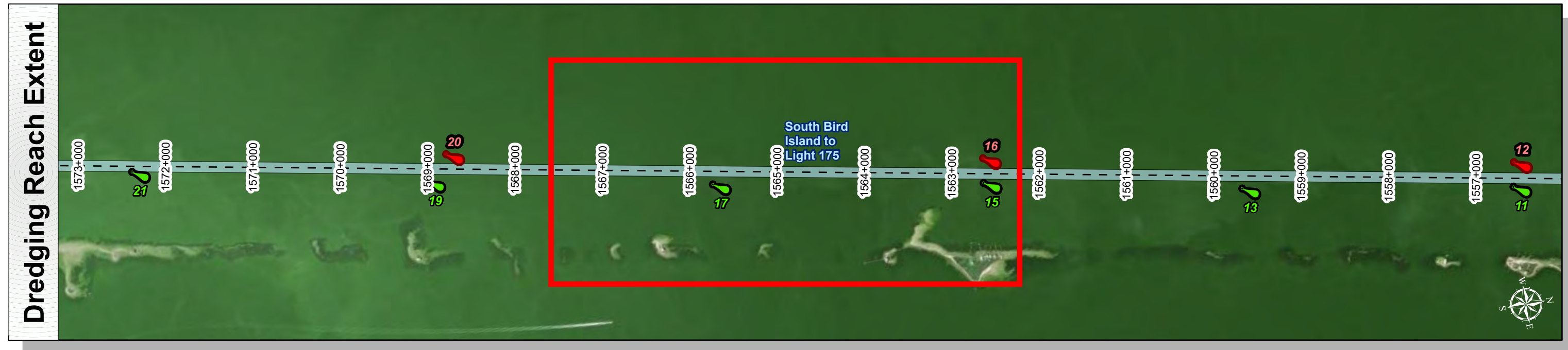
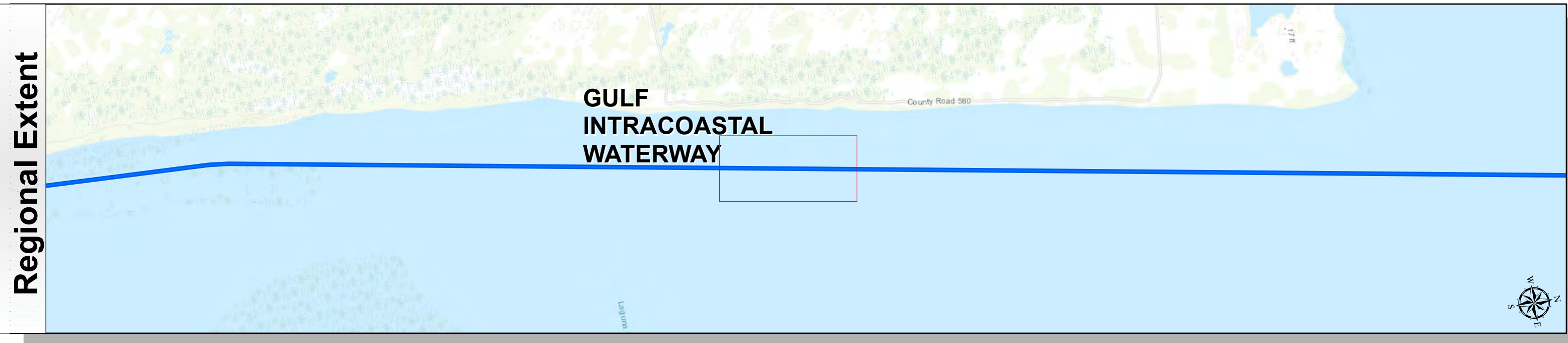
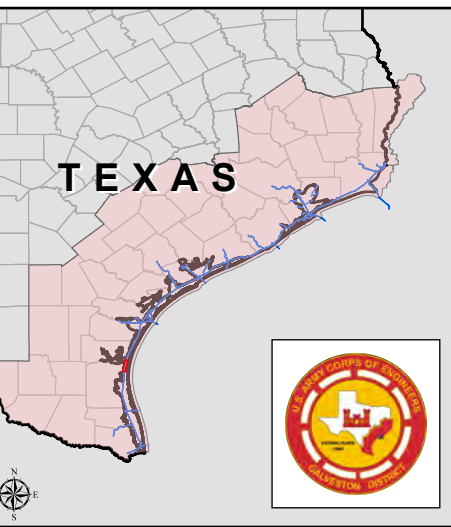
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

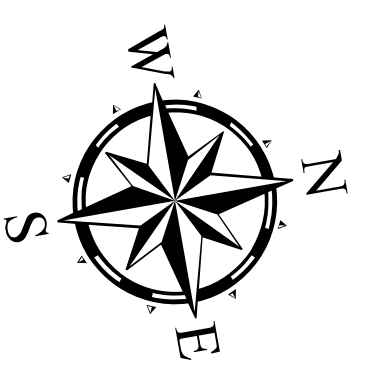
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 22 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0-3	3-5	5-7	7-9	9-11	11-13	13-15	15-17	<17
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World Imagery: Maxar, Microsoft
World Imagery: Maxar

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
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Miles

Hydrographic Survey Extent

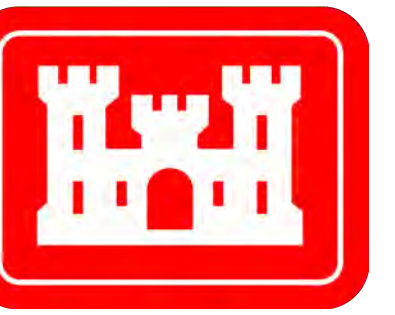
0	170	340	680
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Feet

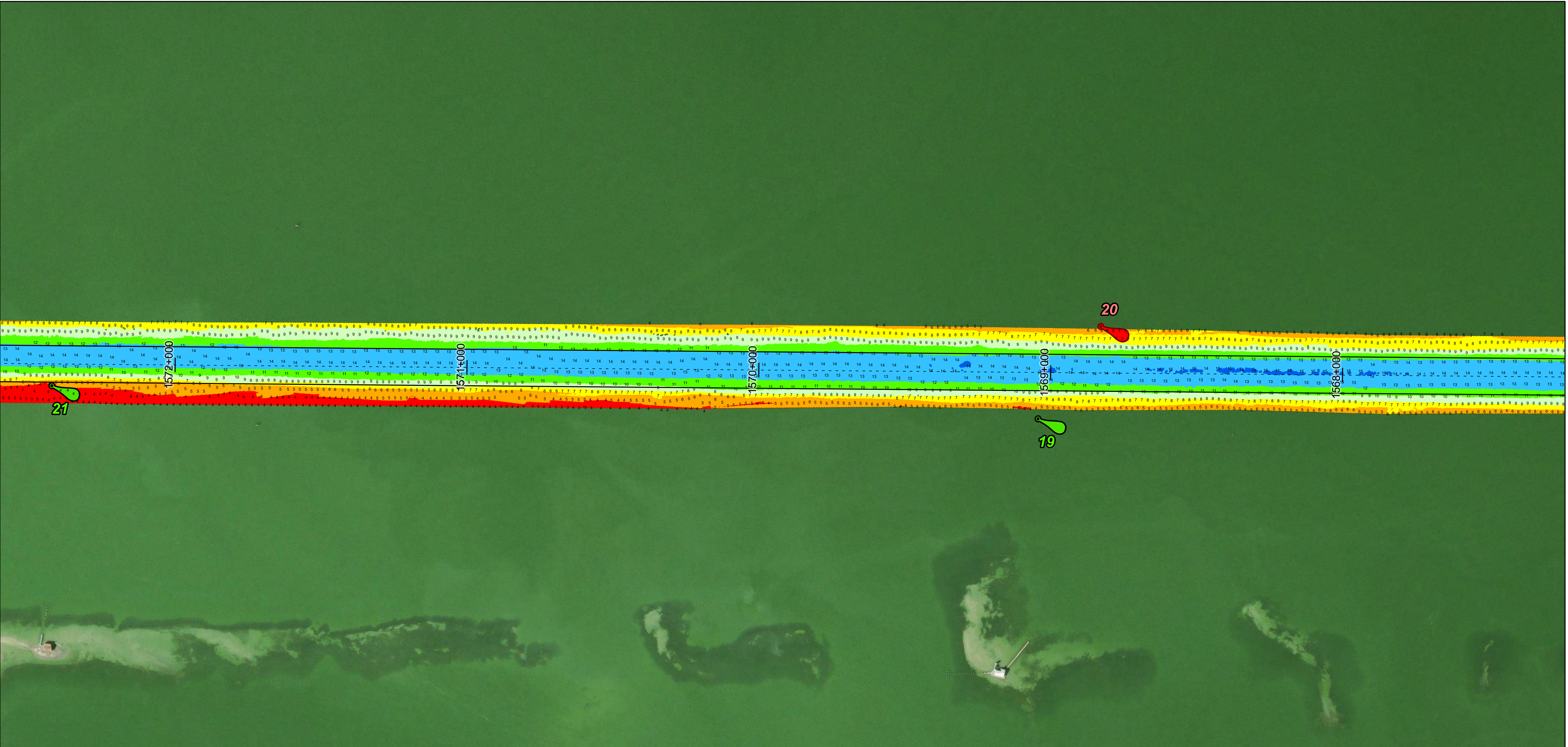
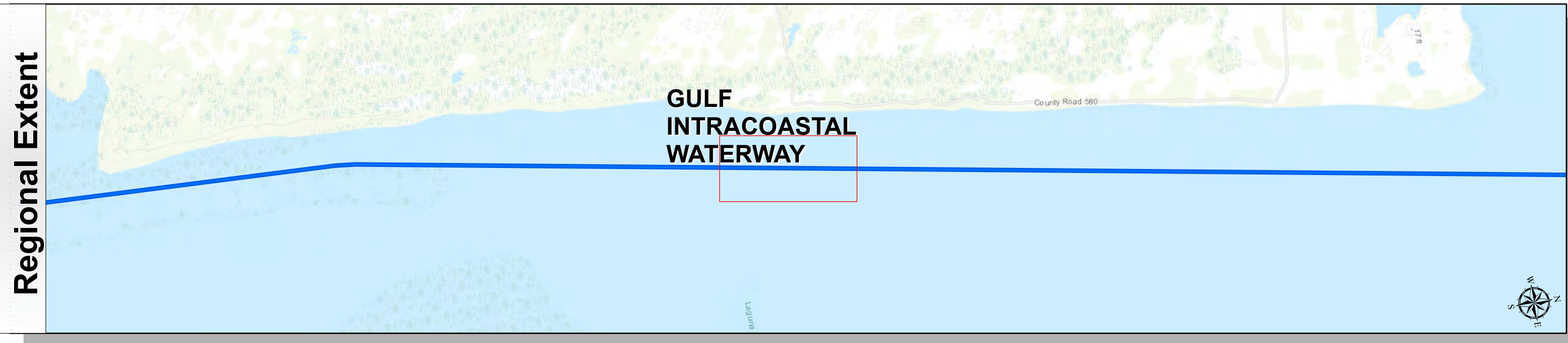
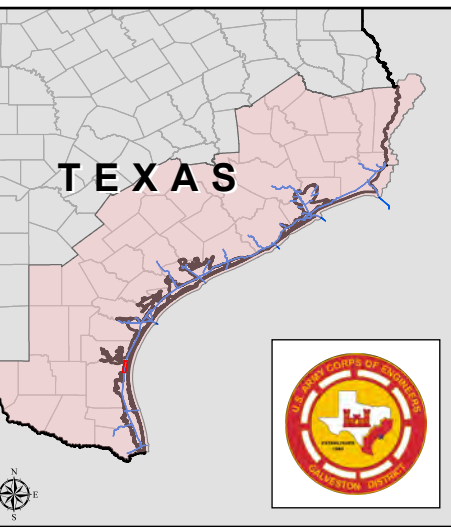
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

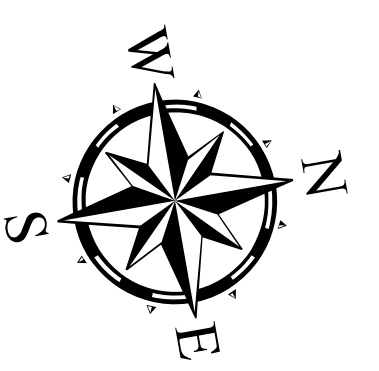
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 23 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0-3	3-5	5-7	7-9	9-11	11-13	13-15	15-17	<17
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World Imagery: Maxar; Microsoft
World Imagery: Maxar

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

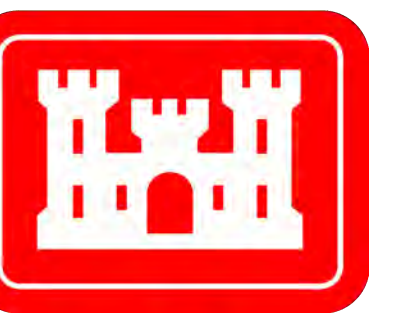
Dredging Reach Extent

Hydrographic Survey Extent

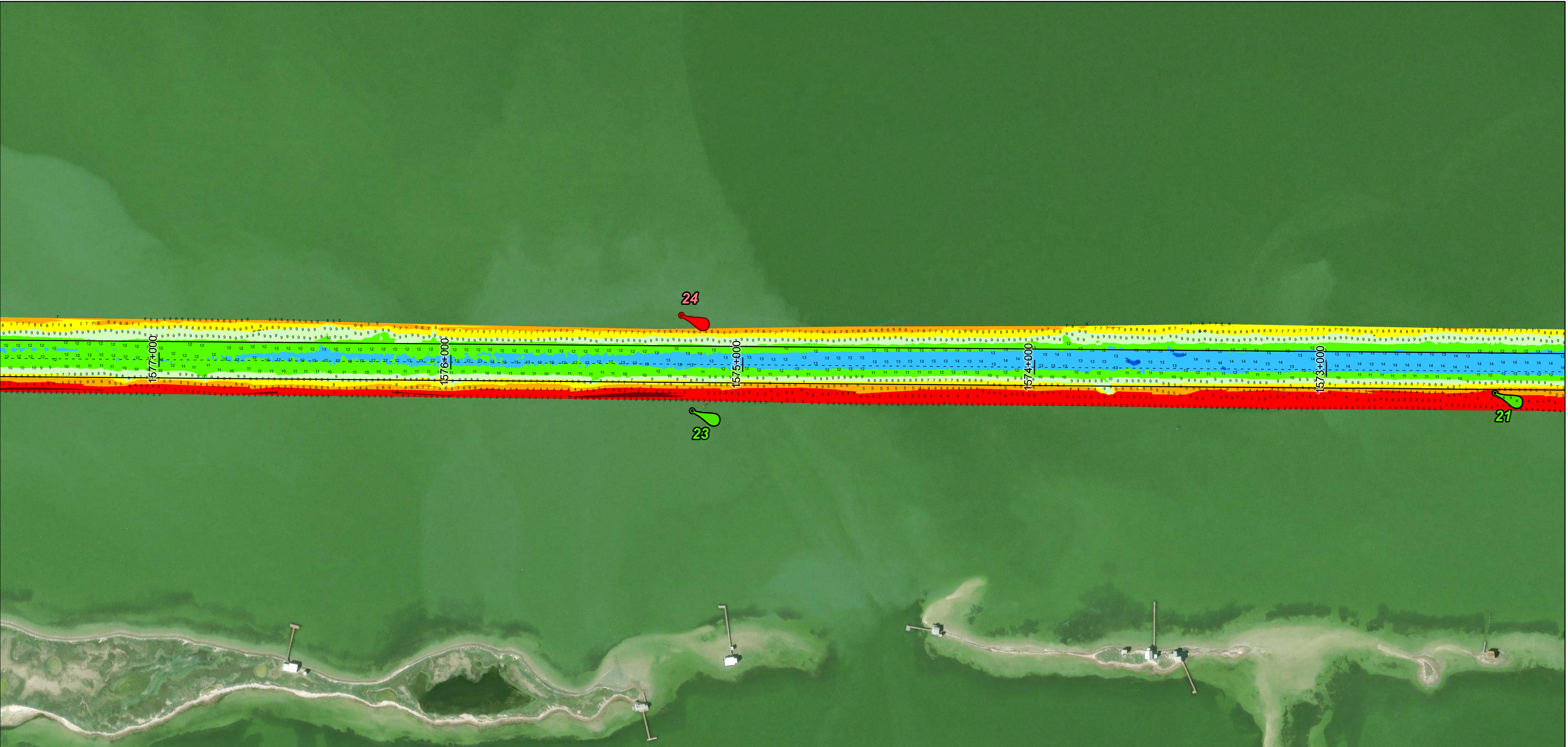
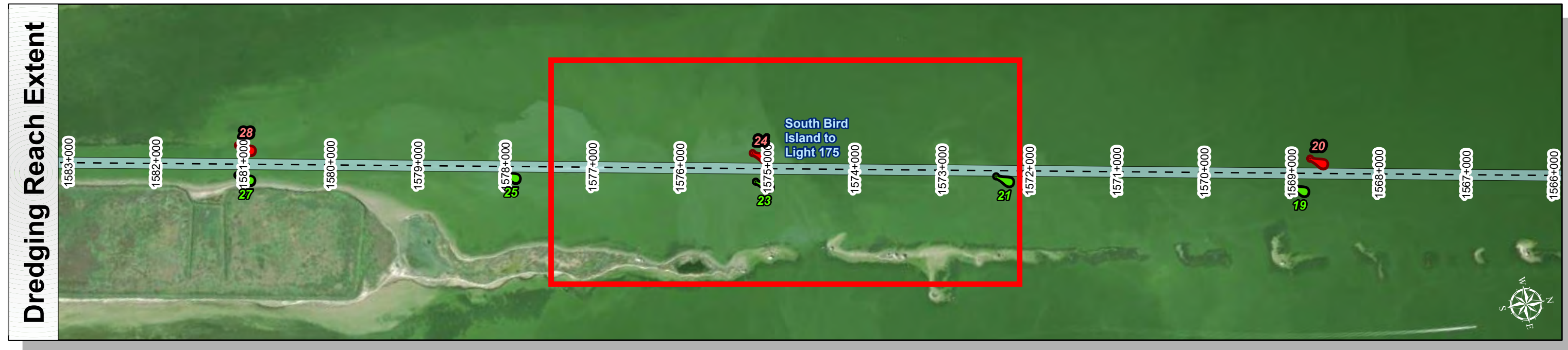
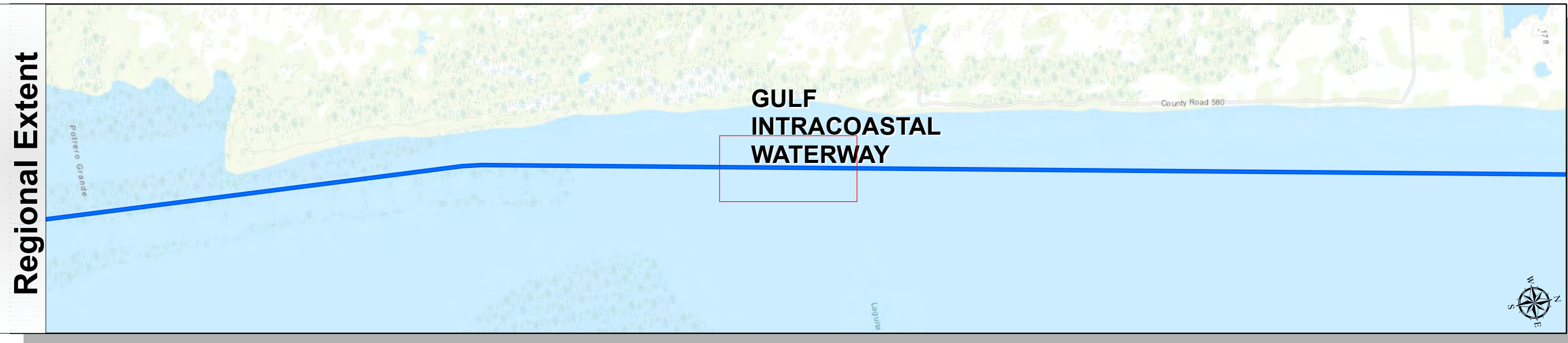
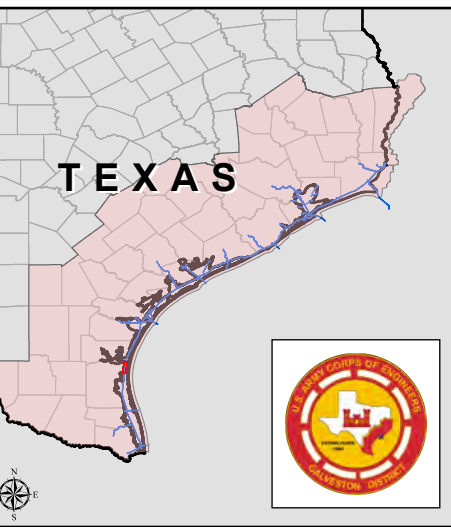
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

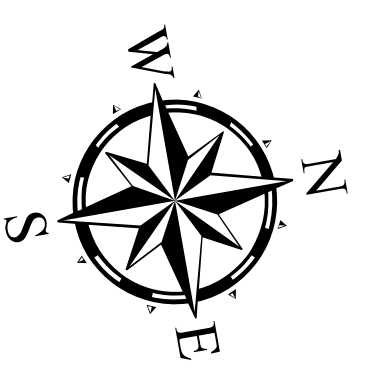
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 24 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features	Aids to Navigation	MLLW
<ul style="list-style-type: none"> --- Channel Center Line — Channel Toe ↔ Channel Dimensions 	<ul style="list-style-type: none"> Green Side Aids Red Side Aids Lights 	<ul style="list-style-type: none"> 0 - 3 3 - 5 5 - 7 7 - 9 9 - 11 11 - 13 13 - 15 15 - 17 < 17

NOTES:

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
- This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by er1110-1, 4-132.
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- 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, METI/NASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar

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

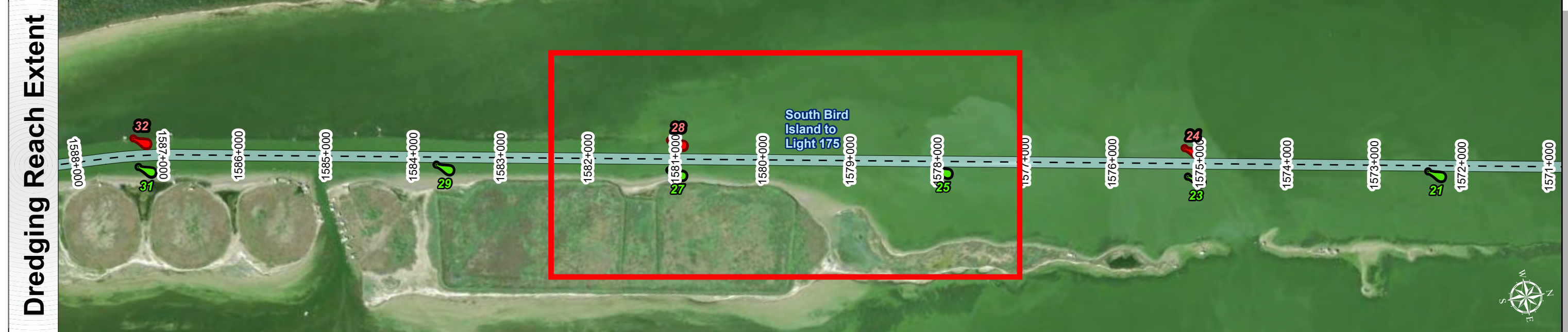
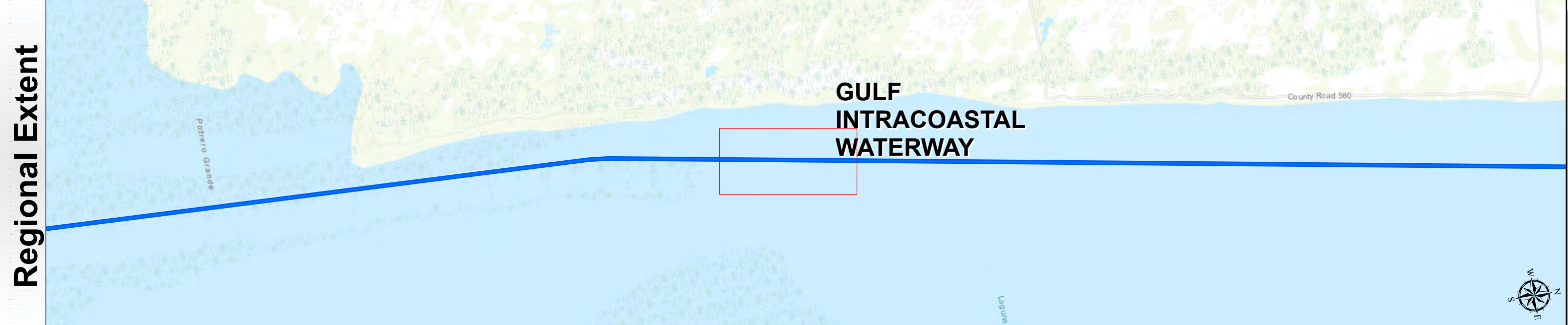
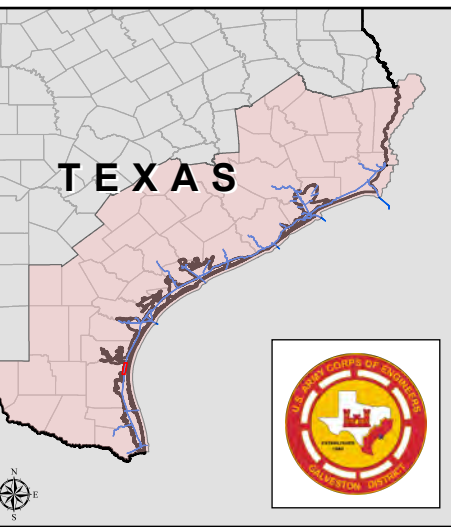
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

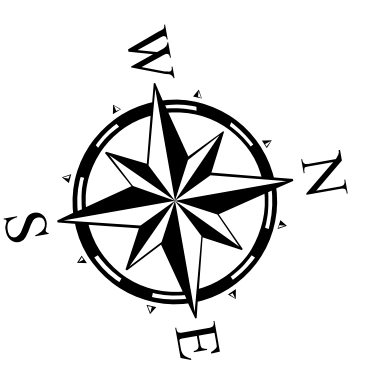
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 25 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

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

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

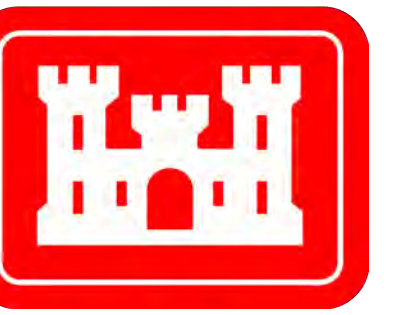
Hydrographic Survey Extent

0 170 340 680 Feet

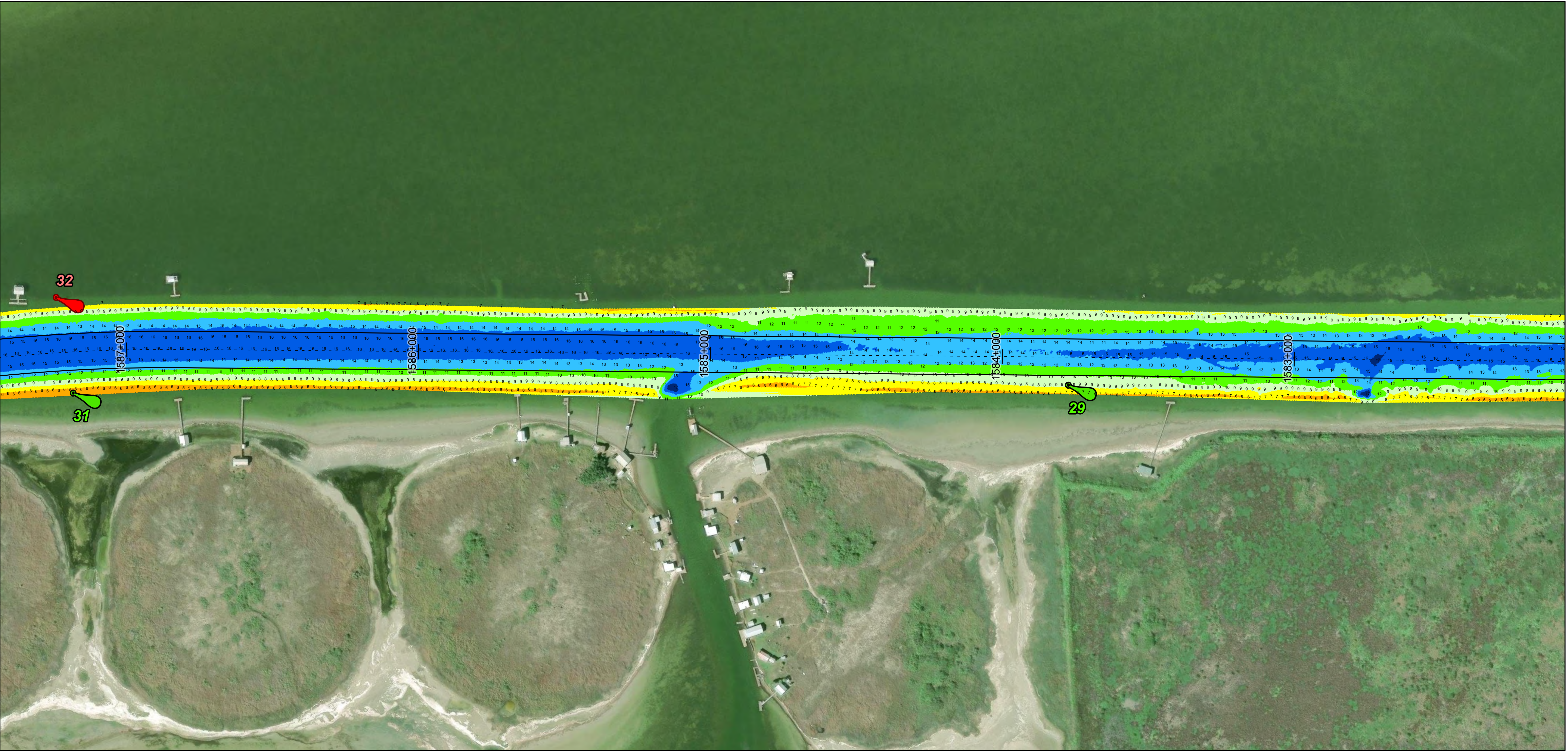
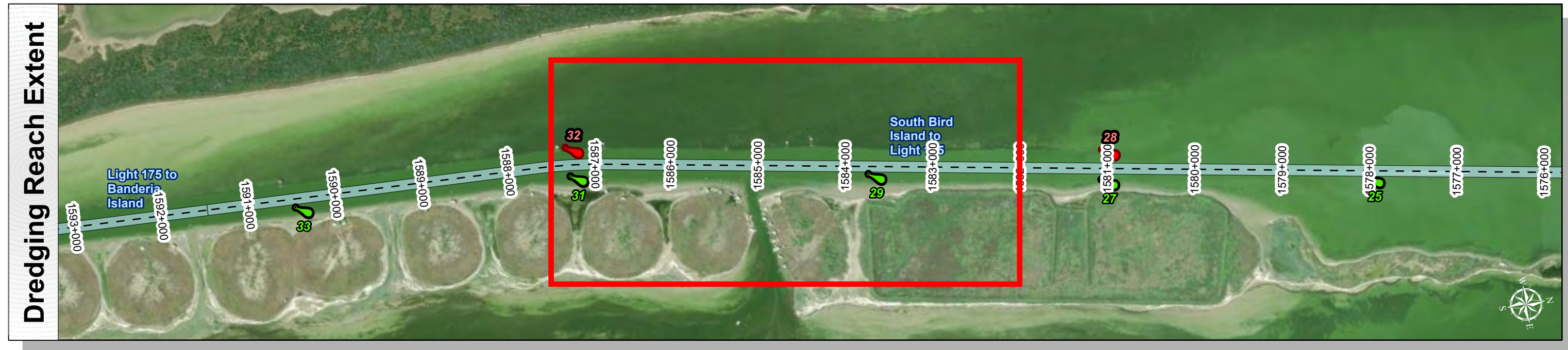
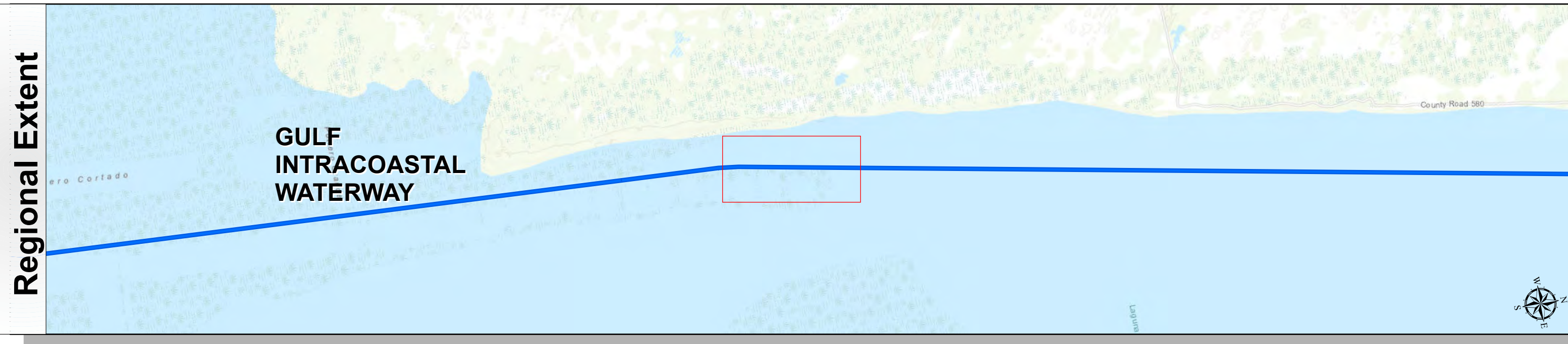
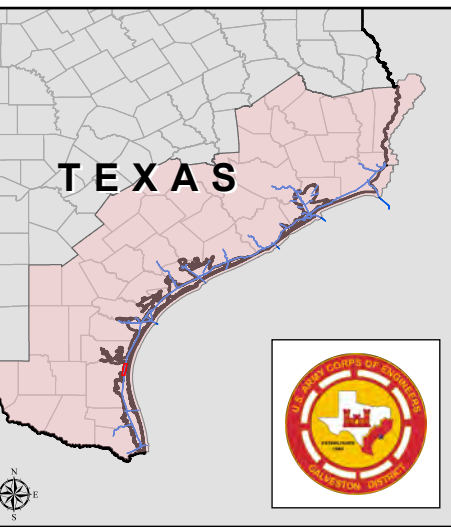
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

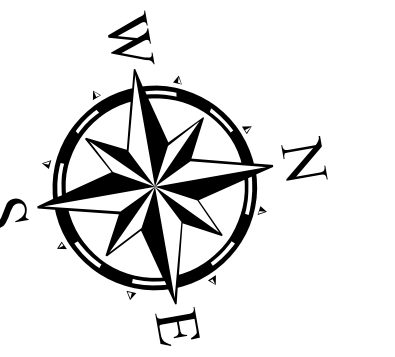
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 26 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	
Website Index Number: 249	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

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

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

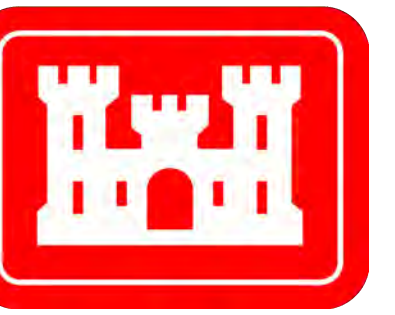
Dredging Reach Extent

Hydrographic Survey Extent

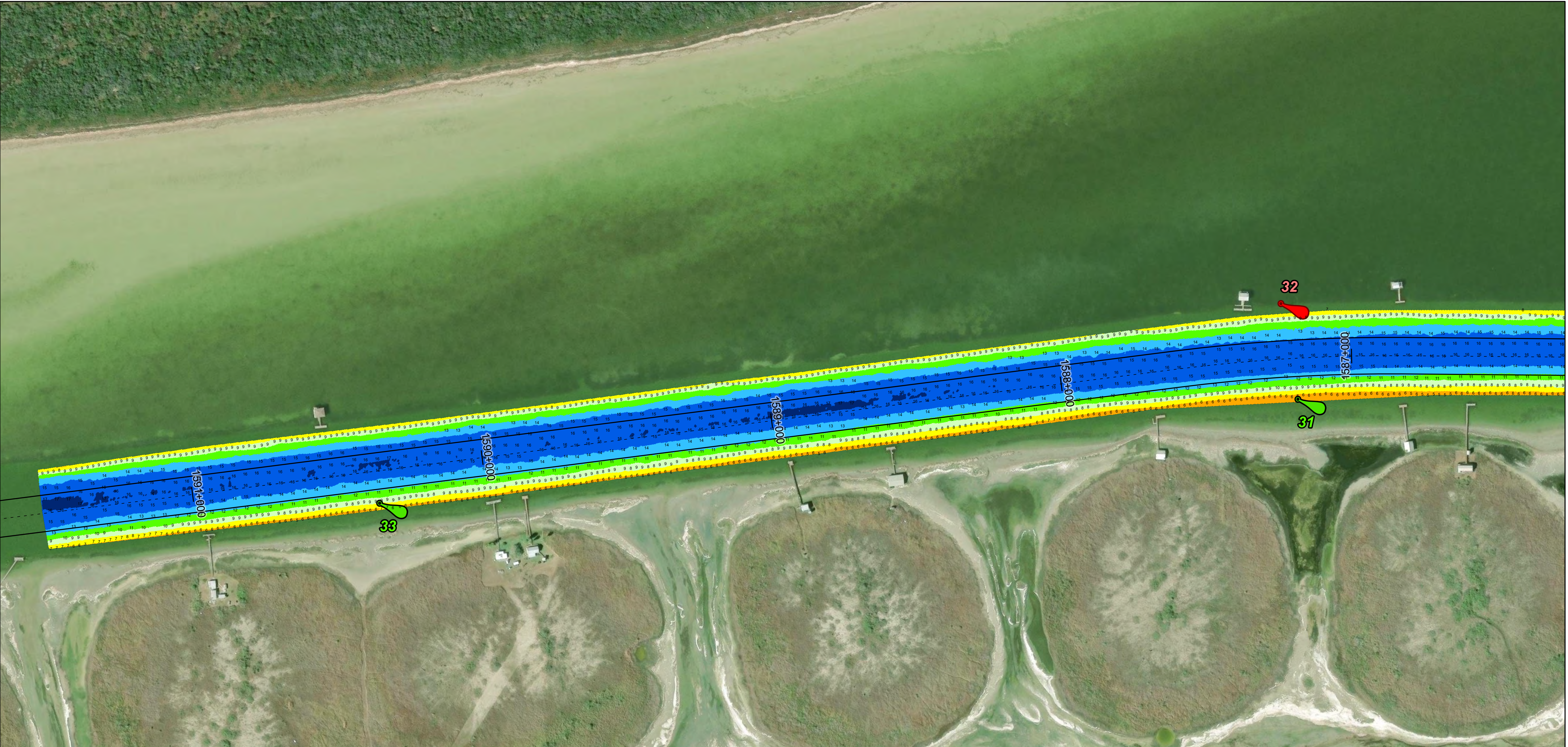
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175

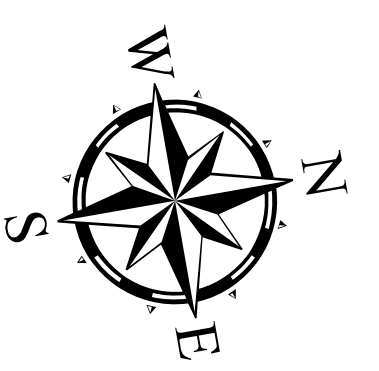
Gulf Intracoastal Waterway: South Bird Island to Light 175



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 17 March 2025	Authorized Depth: -13ft.
Document Page: 27 of 27	Width Range: 125ft to 125ft
Scale: 1:2,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/18/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

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World Imagery: Maxar, Microsoft
World Imagery: Maxar

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: 1459+000 to 1591+500
GULF INTRACOASTAL WATERWAY
South Bird Island to Light 175