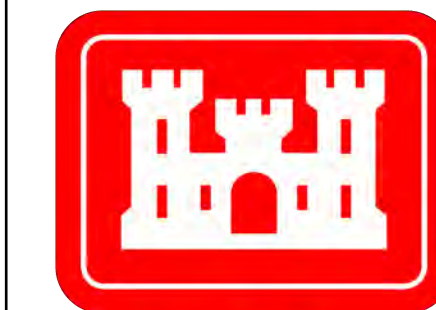
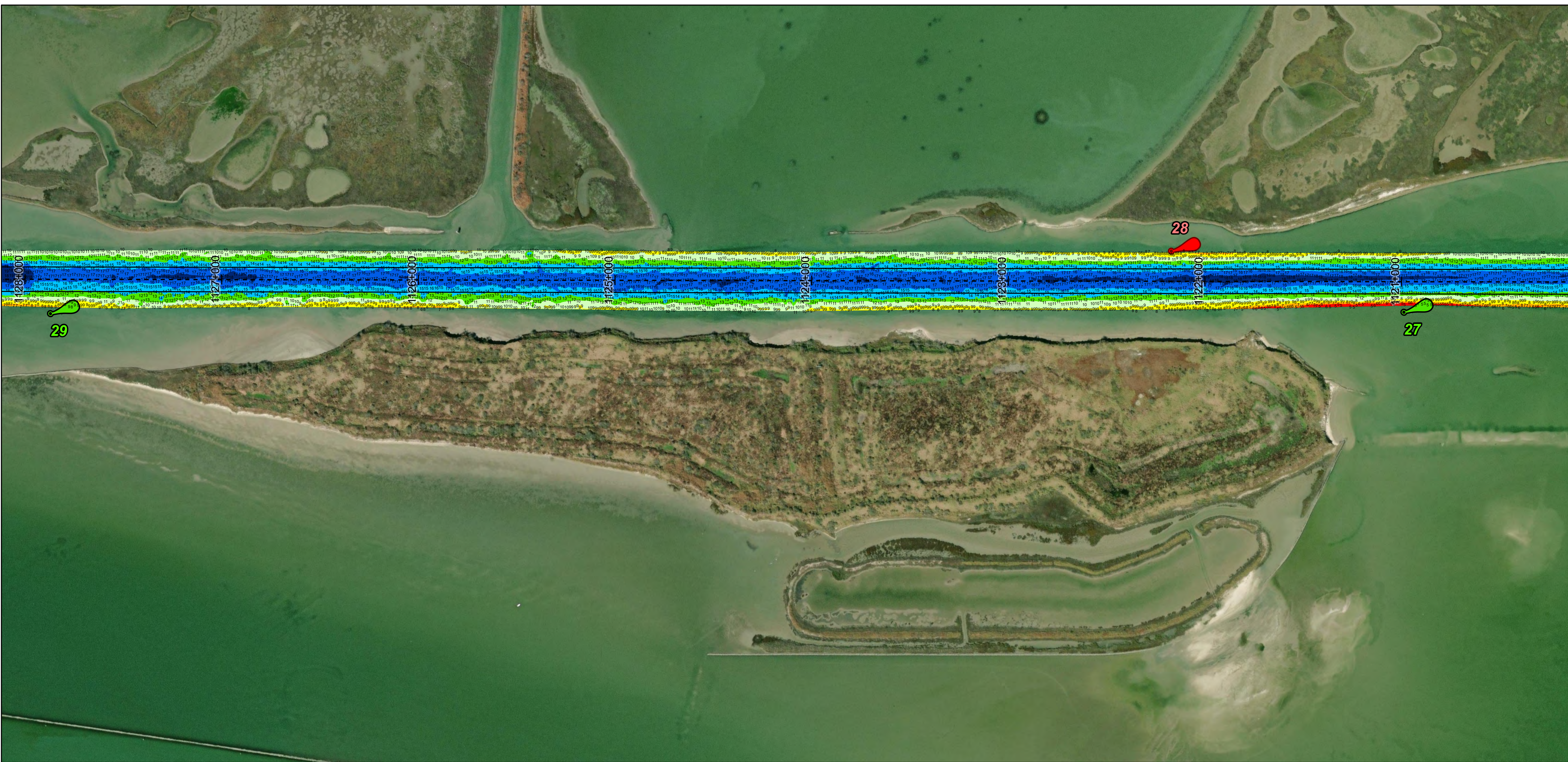
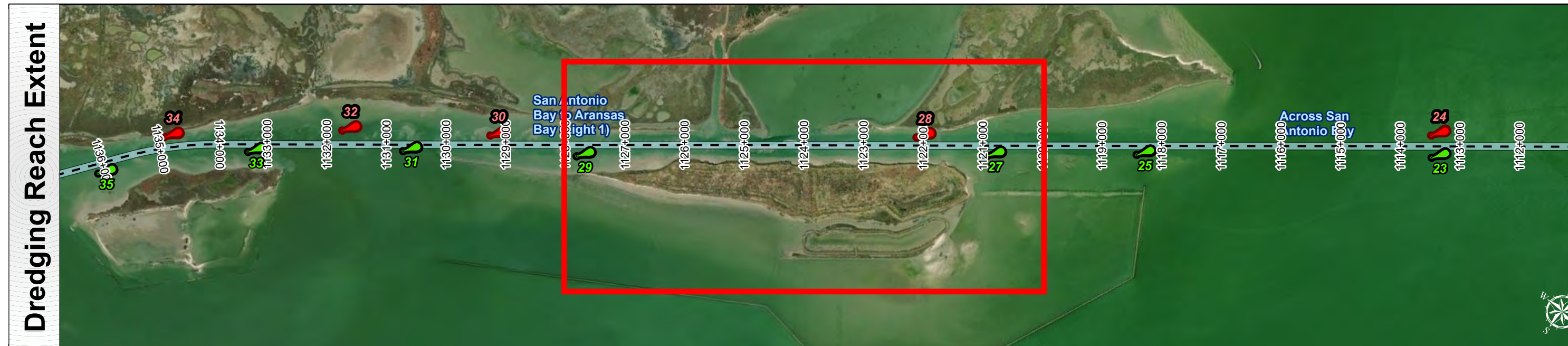
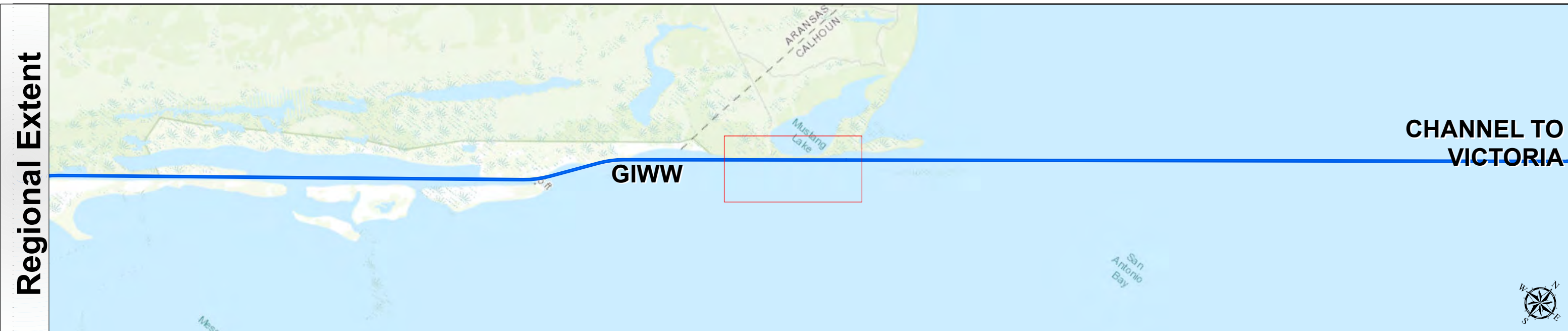


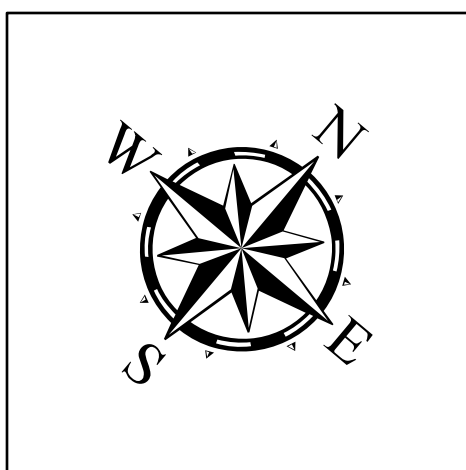
Gulf Intracoastal Waterway: San Antonio Bay to Aransas Bay (Light 1)



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 12 March 2024	Authorized Depth: -14ft.
Document Page: 1 of 9	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	PDF Print Date: 3/13/2024
Mapped by: M3AOXPAC	
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

- Horizontal coordinates are referenced to Texas state plane coordinate system, south central zone nad83 us survey feet.
- Elevations are referenced to mean lower low tide (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 CFR 110.1-8152.
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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, USA, World Imagery, Maxar, World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

COMB_SURV_INFO_HERE

Dredging Reach Extent

0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent

0 255 510 1,020 Feet

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

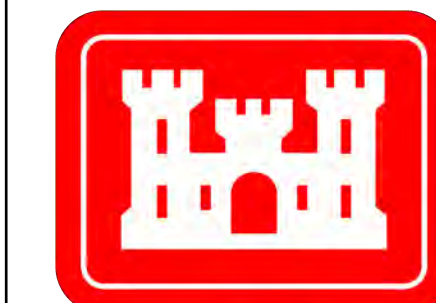
HYDROGRAPHIC SURVEY

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

Station: 1121+000 to 1178+000

GIWW
San Antonio Bay to Aransas Bay (Light 1)

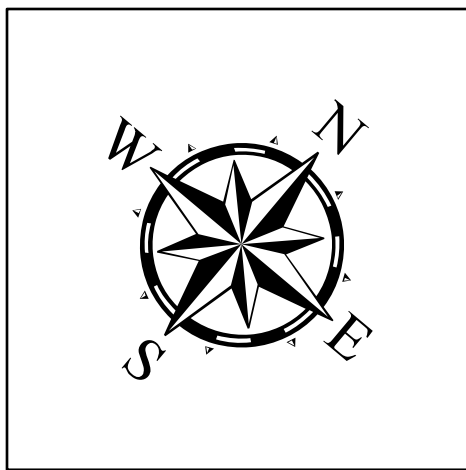
Gulf Intracoastal Waterway: San Antonio Bay to Aransas Bay (Light 1)



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 12 March 2024	Authorized Depth: -14ft.
Document Page: 2 of 9	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	PDF Print Date: 3/13/2024
Mapped by: M3AOXPAC	
Additional Imagery info:	



Channel Features	Aids to Navigation	MLLW
Channel Center Line	Green Side Aids	0 - 4
Channel Toe	Red Side Aids	4 - 6
Channel Dimensions	Lights	6 - 8
		8 - 10
		10 - 12
		12 - 14
		14 - 16
		16 - 18
		< 18

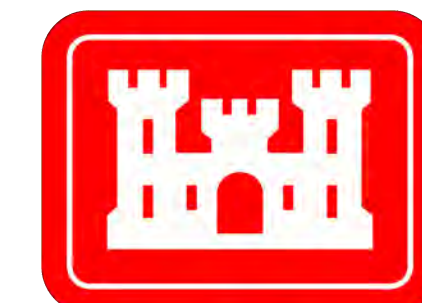
NOTES:
 1. Horizontal coordinates are referenced to Texas state plane coordinate system, south central zone nad83 us survey feet.
 2. Elevations are referenced to mean lower low tide (MLLW) datum.
 3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by 47 CFR 11.101-11.102.
 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 209.225.
 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
 World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing: COMB_SURV_INFO_HERE	
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet Projection: Lambert Conformal Conic	
Dredging Reach Extent	0 0.3 0.6 1.2 Miles
Hydrographic Survey Extent	0 255 510 1,020 Feet

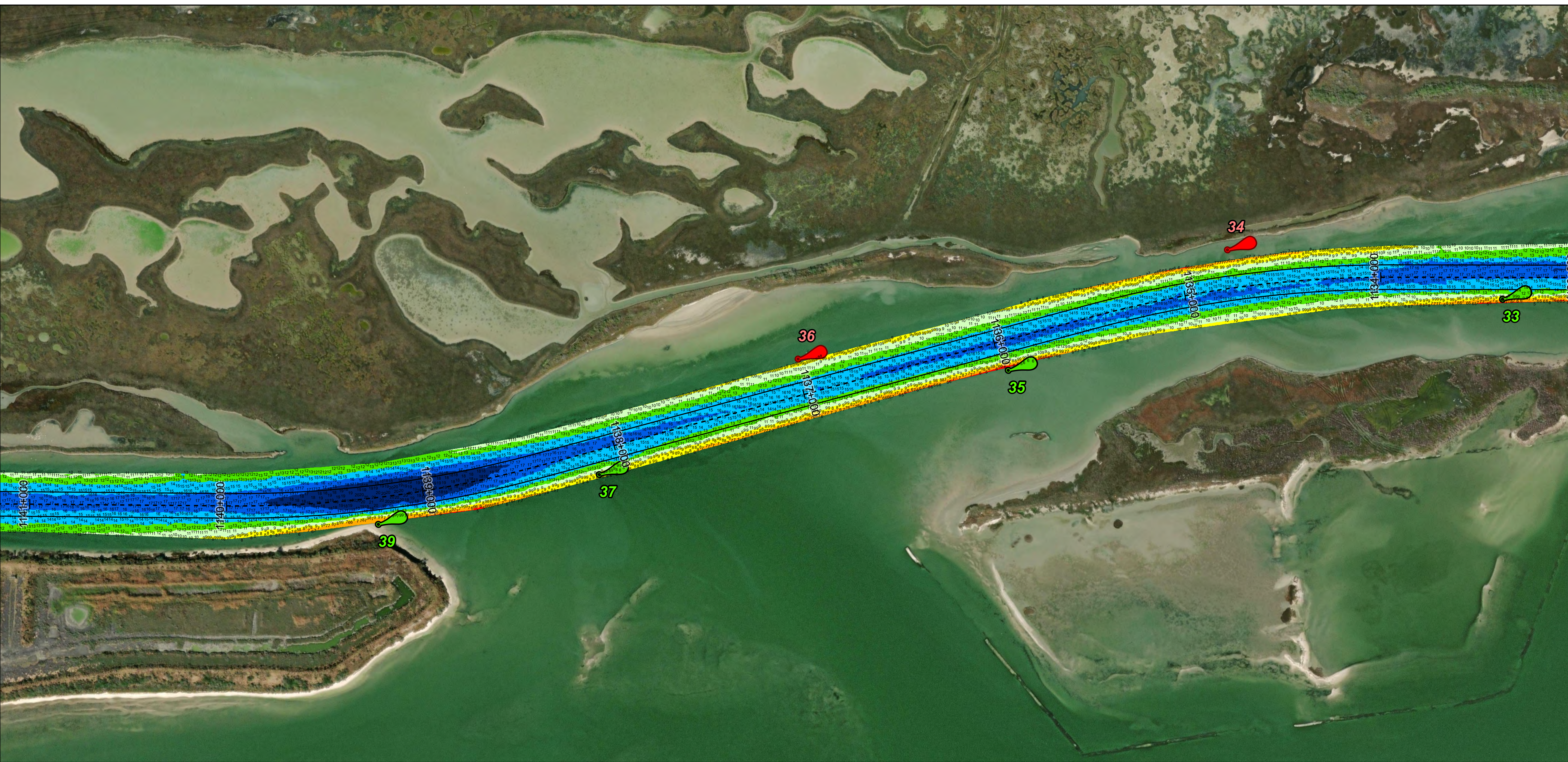
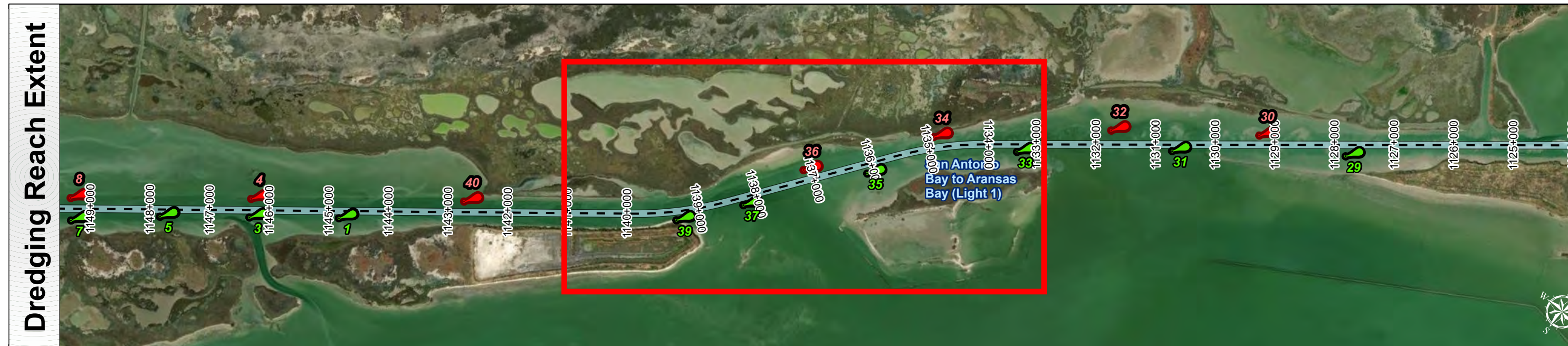
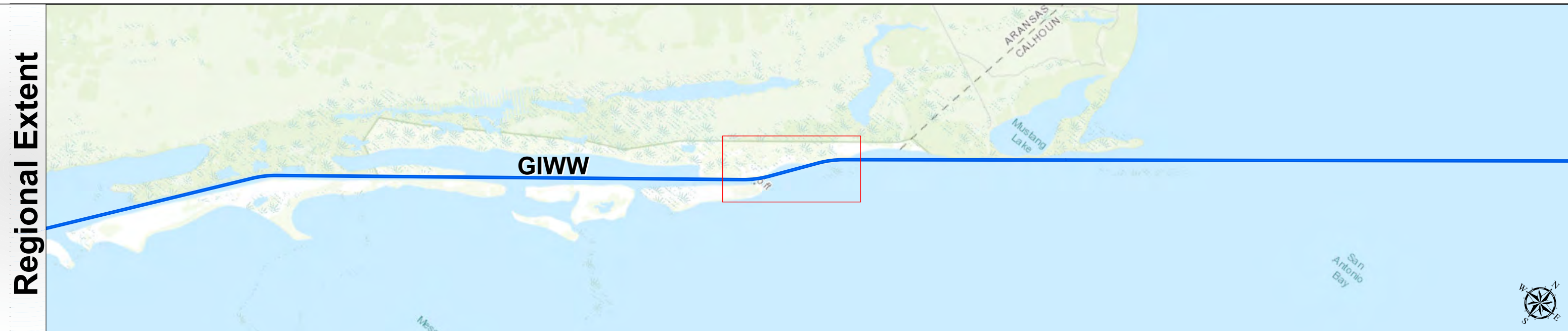
HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS

Station: 1121+000 to 1178+000
GIWW
 San Antonio Bay to Aransas Bay (Light 1)

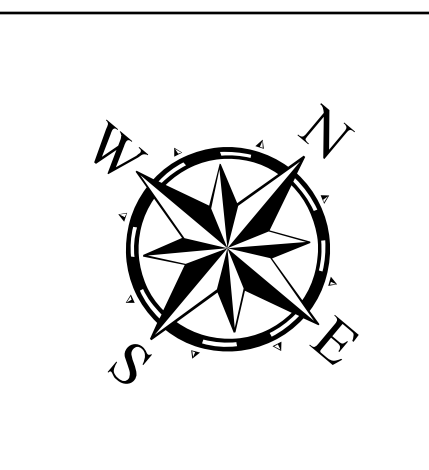
Gulf Intracoastal Waterway: San Antonio Bay to Aransas Bay (Light 1)



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 12 March 2024	Authorized Depth: -14ft.
Document Page: 3 of 9	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Website Index Number: 162
Mapped by: M3AOXPAC	PDF Print Date: 3/13/2024
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

- Horizontal coordinates are referenced to Texas state plane coordinate system, south central zone nad83 us survey feet.
- Elevations are referenced to mean lower low tide (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 CFR 11.101-1.101-2.
- The information depicted on this survey map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time. These conditions are subject to rapid change due to shoaling events. A prudent mariner should not rely exclusively on the information provided here. Required by 33 CFR 209.225
- For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>

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

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

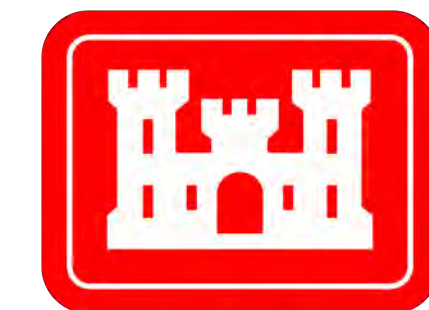
Dredging Reach Extent

Hydrographic Survey Extent

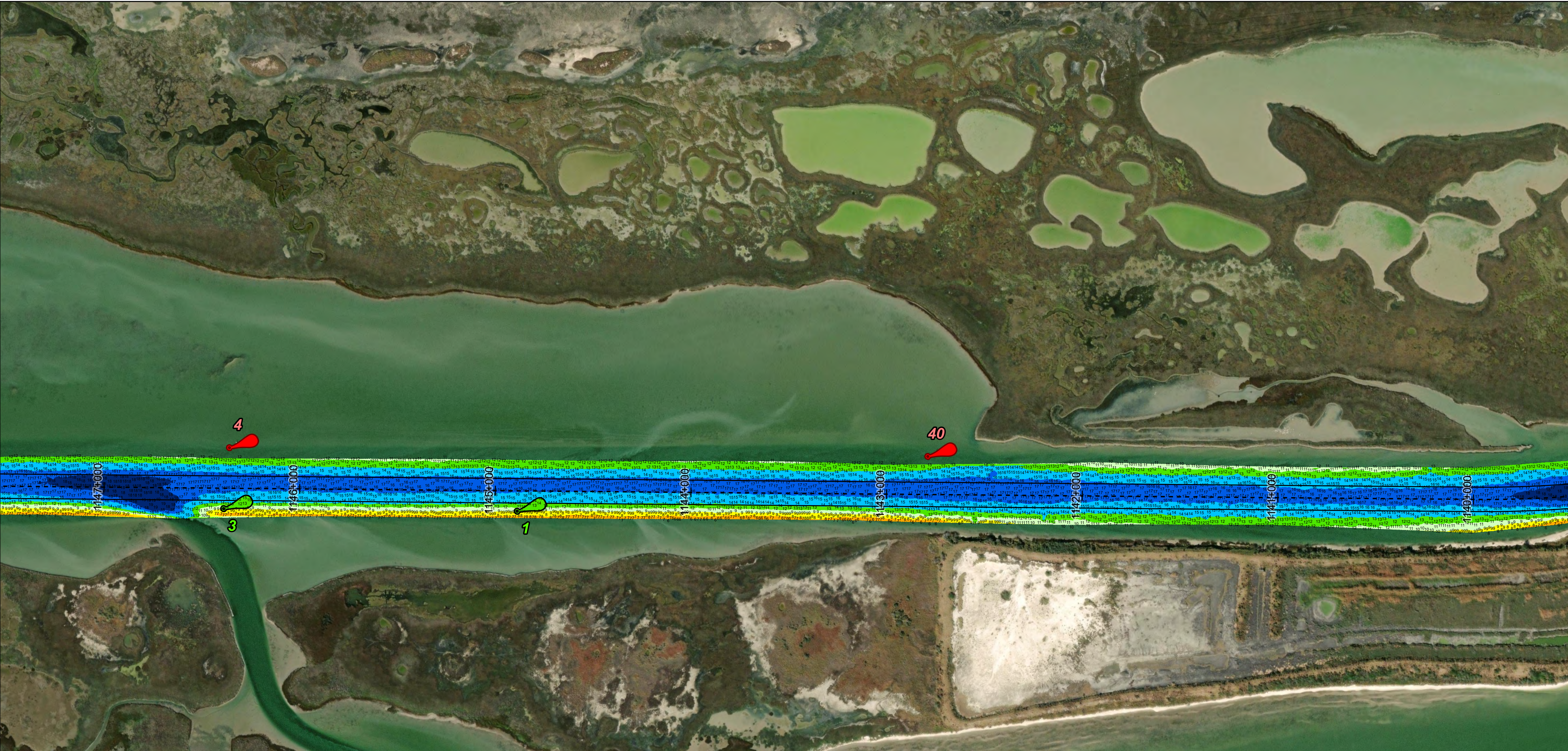
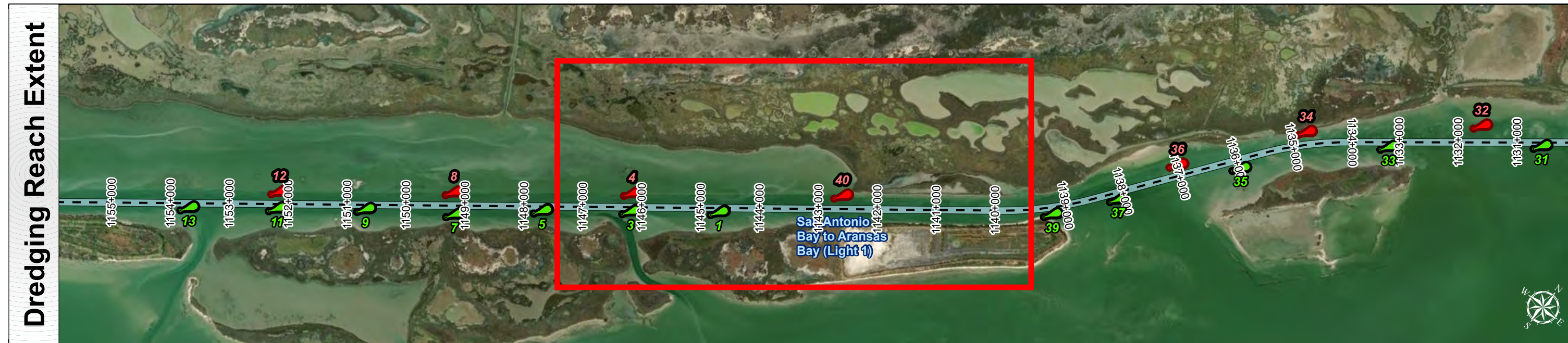
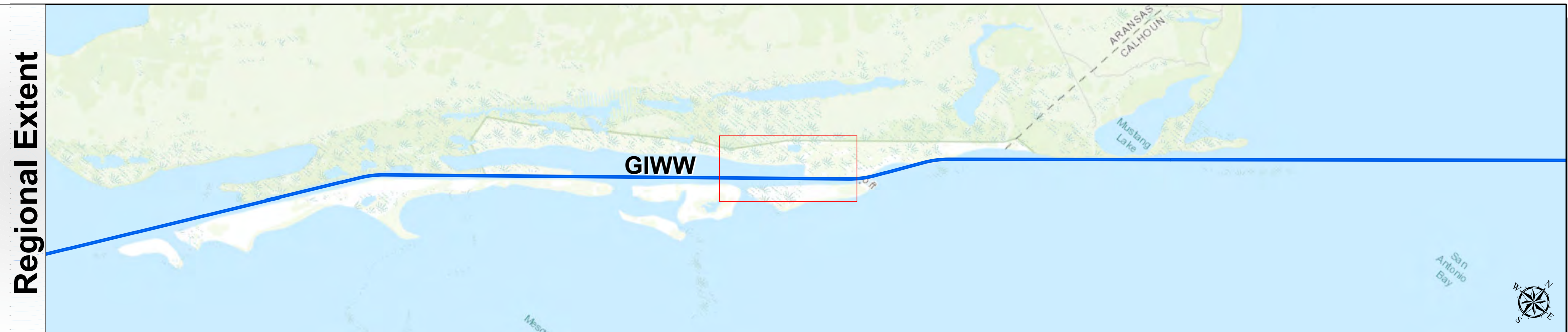
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1121+000 to 1178+000
GIWW
San Antonio Bay to Aransas Bay (Light 1)

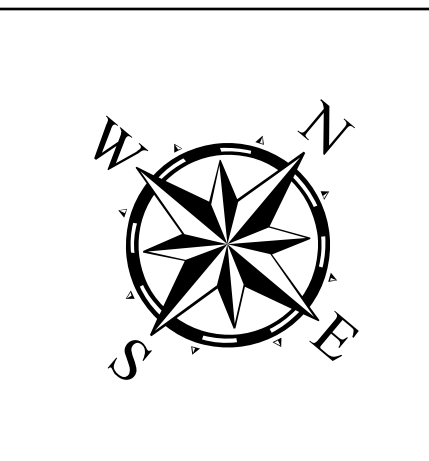
Gulf Intracoastal Waterway: San Antonio Bay to Aransas Bay (Light 1)



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 12 March 2024	Authorized Depth: -14ft.
Document Page: 4 of 9	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	PDF Print Date: 3/13/2024
Mapped by: M3AOXPAC	
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

- Horizontal coordinates are referenced to Texas state plane coordinate system, south central zone nad83 us survey feet.
- Elevations are referenced to mean lower low tide (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, World Ocean Base, Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

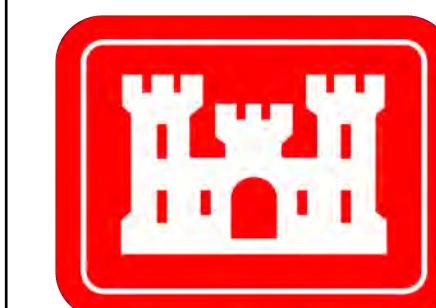
Dredging Reach Extent

Hydrographic Survey Extent

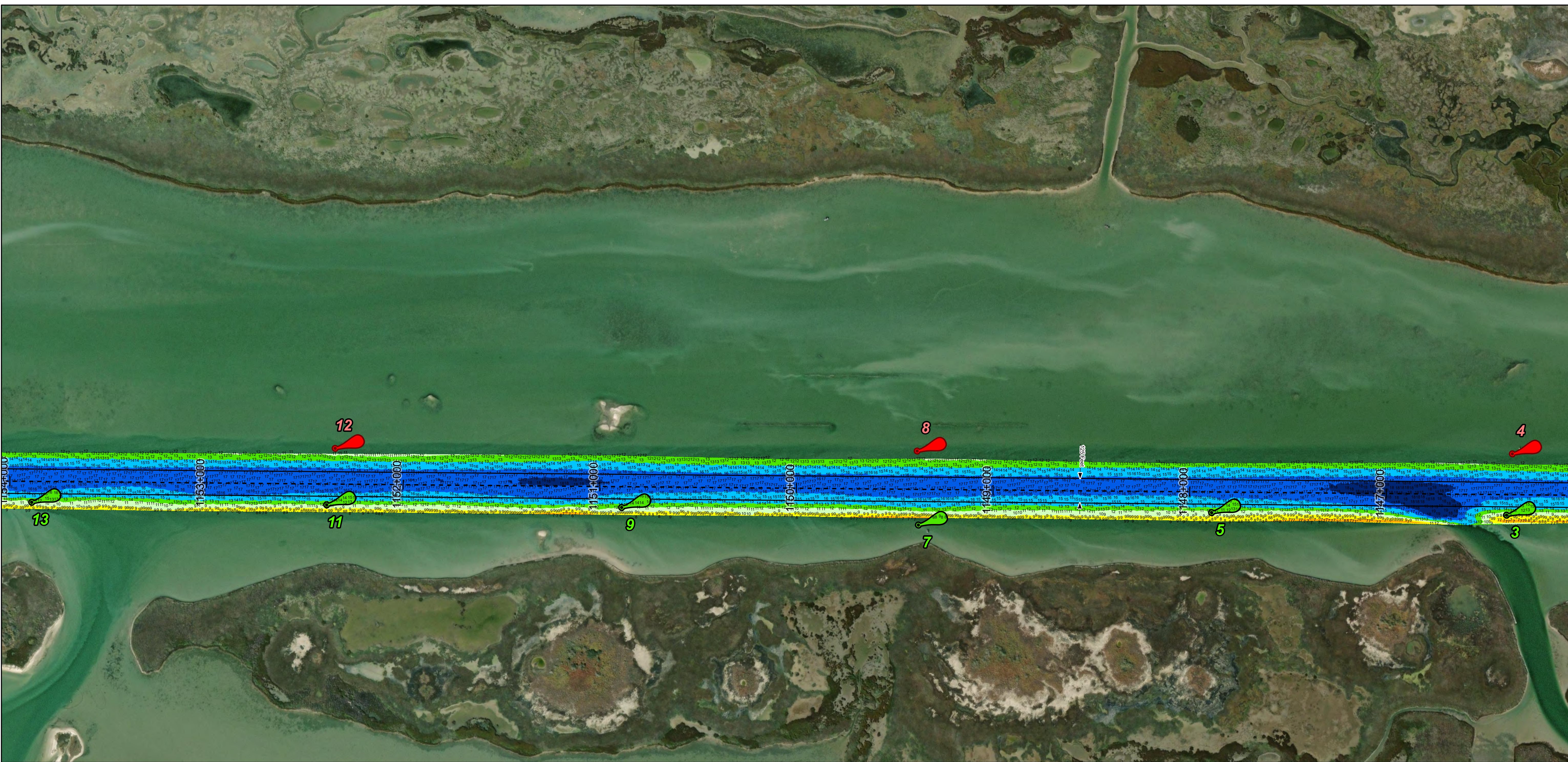
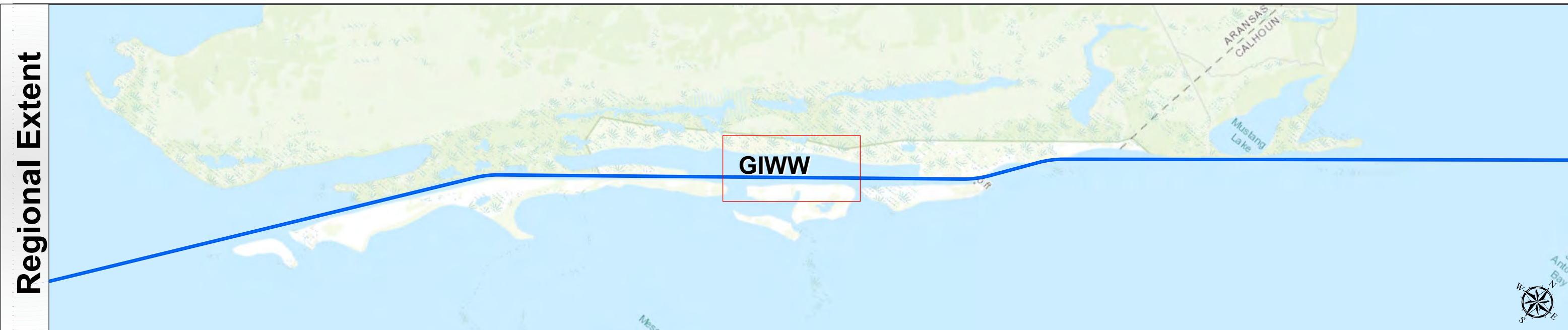
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1121+000 to 1178+000
GIWW
San Antonio Bay to Aransas Bay (Light 1)

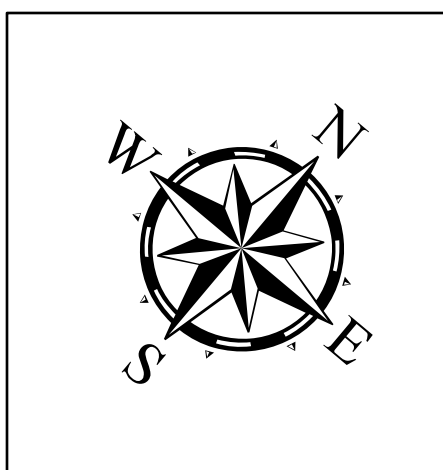
Gulf Intracoastal Waterway: San Antonio Bay to Aransas Bay (Light 1)



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 12 March 2024	Authorized Depth: -14ft.
Document Page: 5 of 9	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	PDF Print Date: 3/13/2024
Mapped by: M3AOXPAC	
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

- Horizontal coordinates are referenced to Texas state plane coordinate system, south central zone nad83 us survey feet.
- Elevations are referenced to mean lower low tide (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
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

Dredging Reach Extent

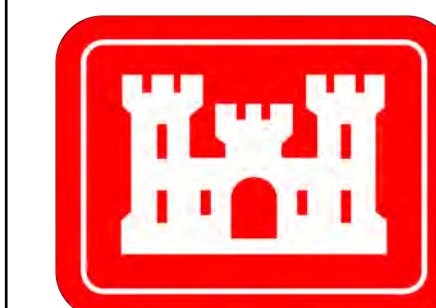
Hydrographic Survey Extent

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

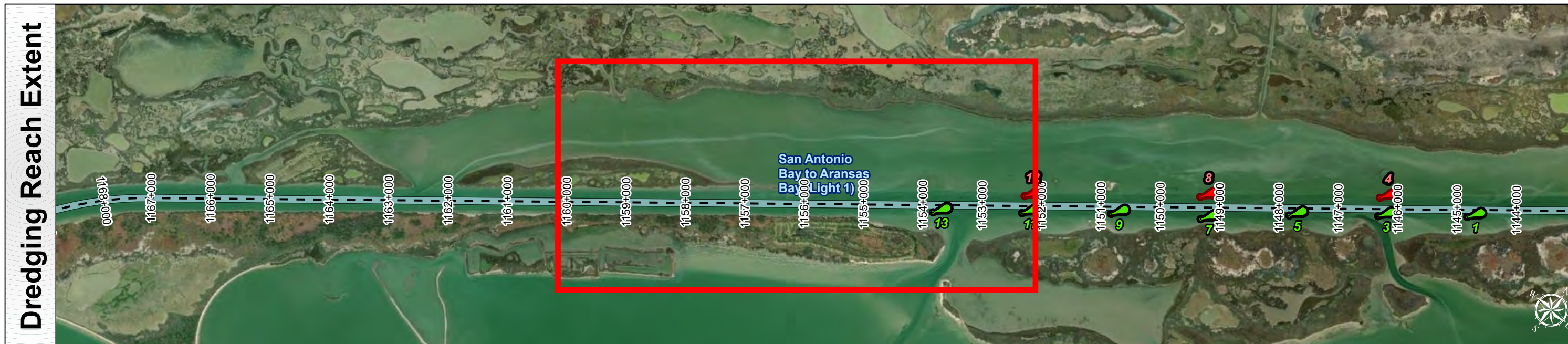
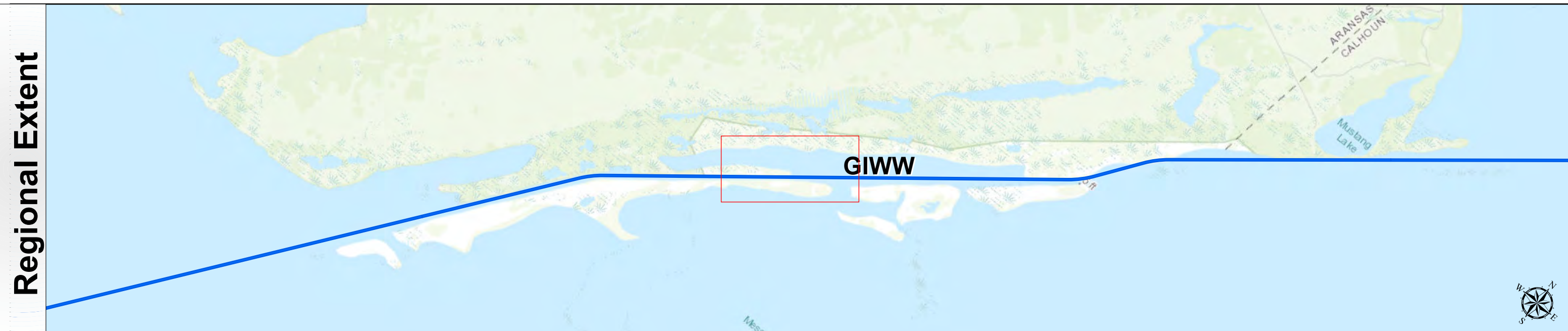
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1121+000 to 1178+000
GIWW
San Antonio Bay to Aransas Bay (Light 1)

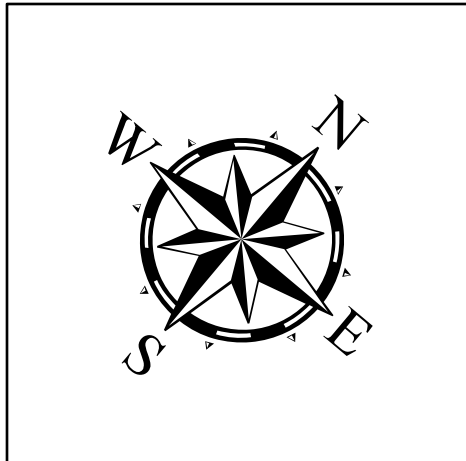
Gulf Intracoastal Waterway: San Antonio Bay to Aransas Bay (Light 1)



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 12 March 2024	Authorized Depth: -14ft.
Document Page: 6 of 9	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	PDF Print Date: 3/13/2024
Mapped by: M3AOXPAC	
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18
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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, World Ocean Base, Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

Dredging Reach Extent

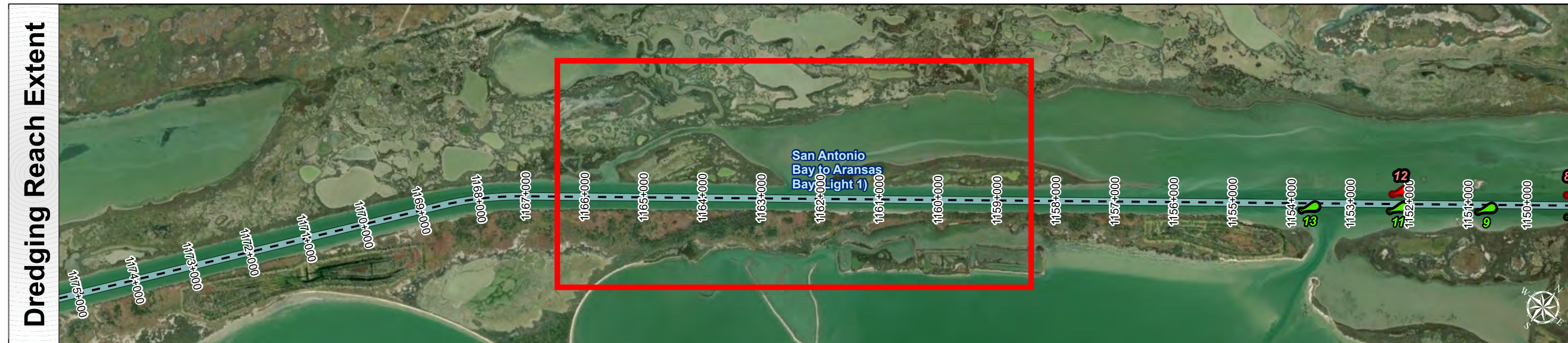
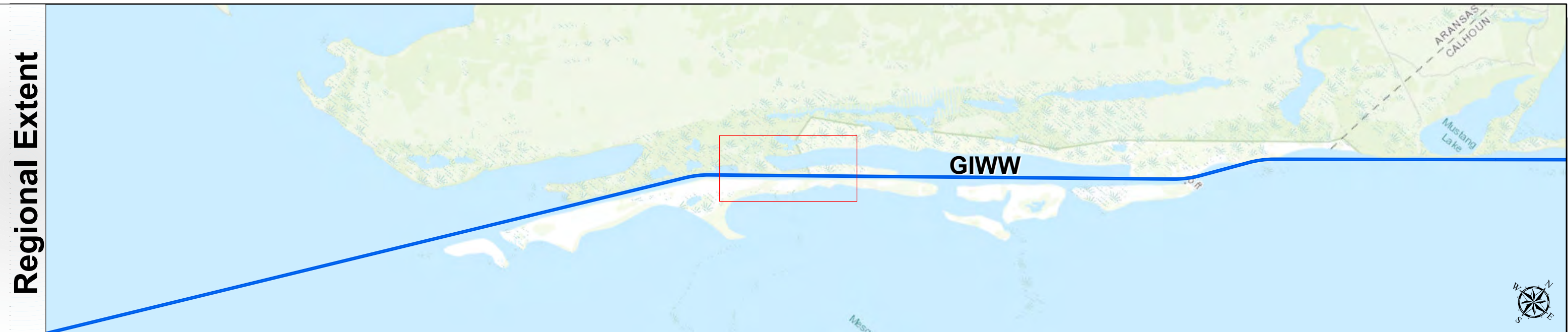
Hydrographic Survey Extent

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

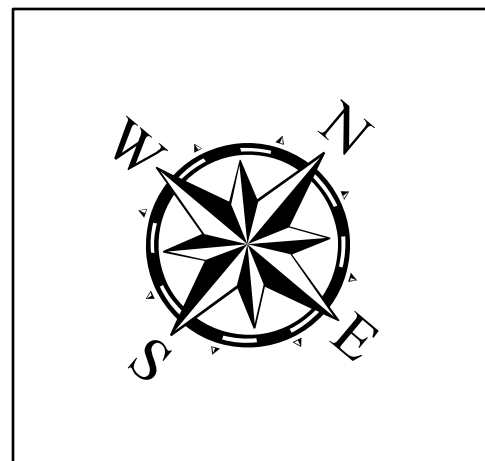
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1121+000 to 1178+000
GIWW
San Antonio Bay to Aransas Bay (Light 1)

Gulf Intracoastal Waterway: San Antonio Bay to Aransas Bay (Light 1)



Latest Survey Collection Date: 12 March 2024	Authorized Depth: -14ft.
Document Page: 7 of 9	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	PDF Print Date: 3/13/2024
Website Index Number: 166	
Mapped by: M3AOXPAC	
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

NOTES:

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

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

Dredging Reach Extent

Hydrographic Survey Extent

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

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

Station: 1121+000 to 1178+000
GIWW
San Antonio Bay to Aransas Bay (Light 1)

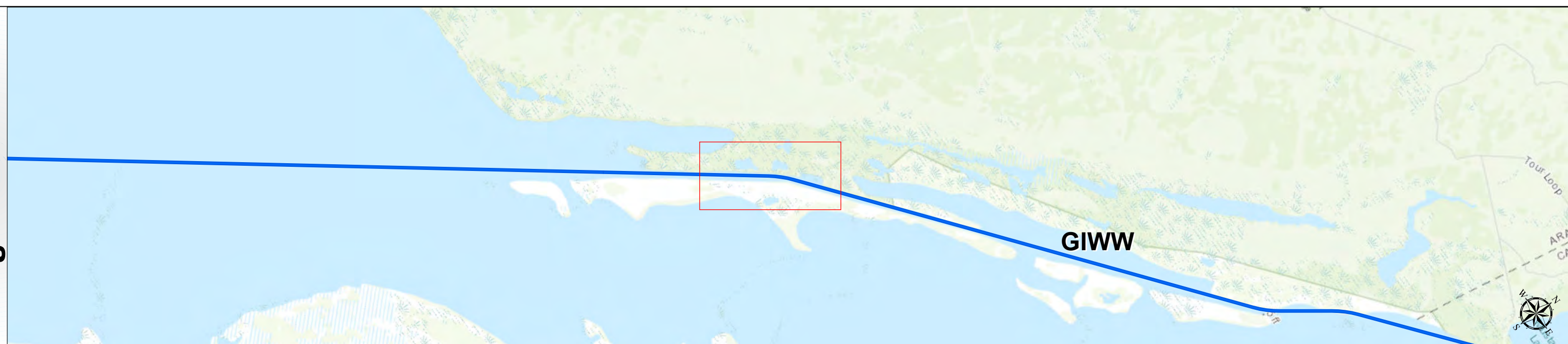
Gulf Intracoastal Waterway: San Antonio Bay to Aransas Bay (Light 1)



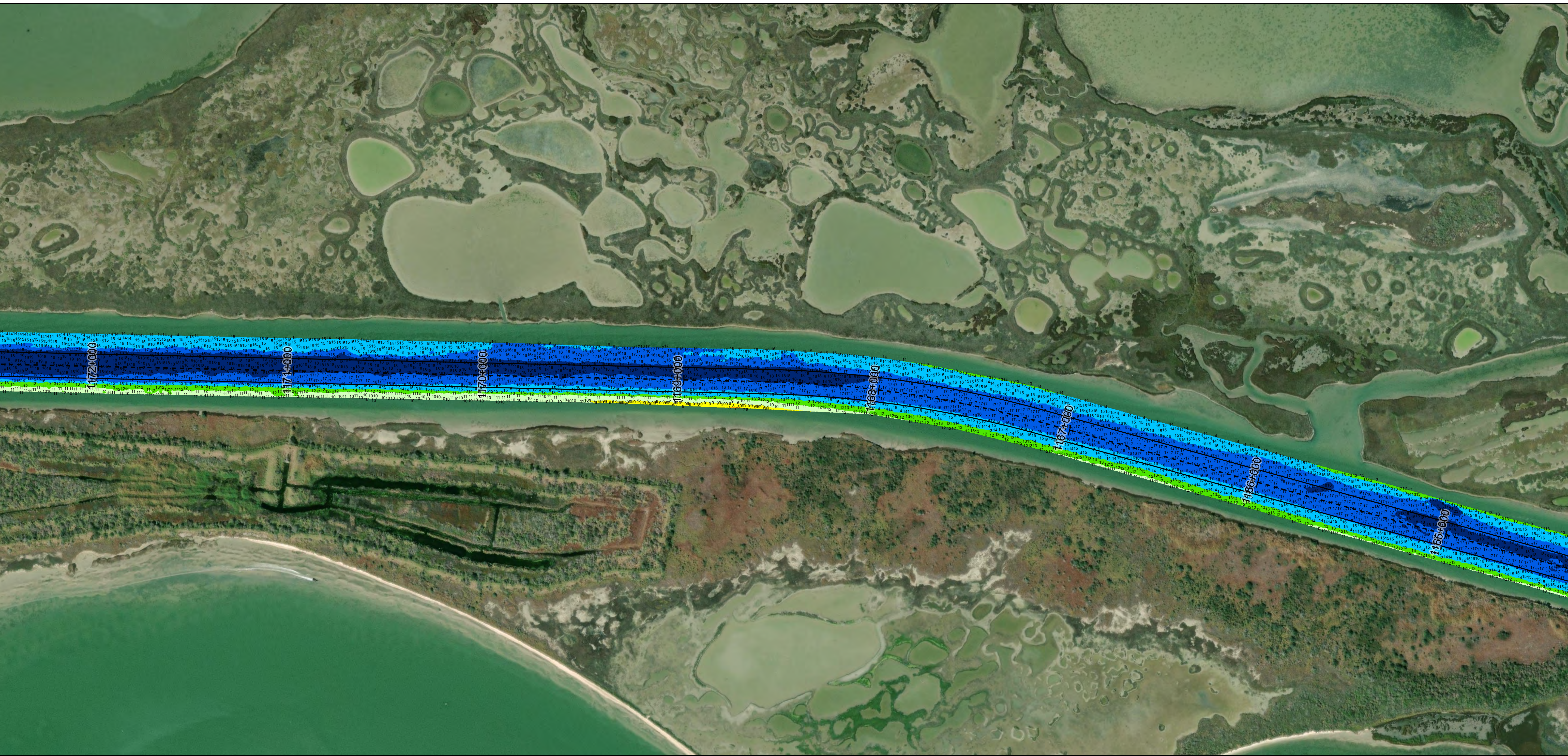
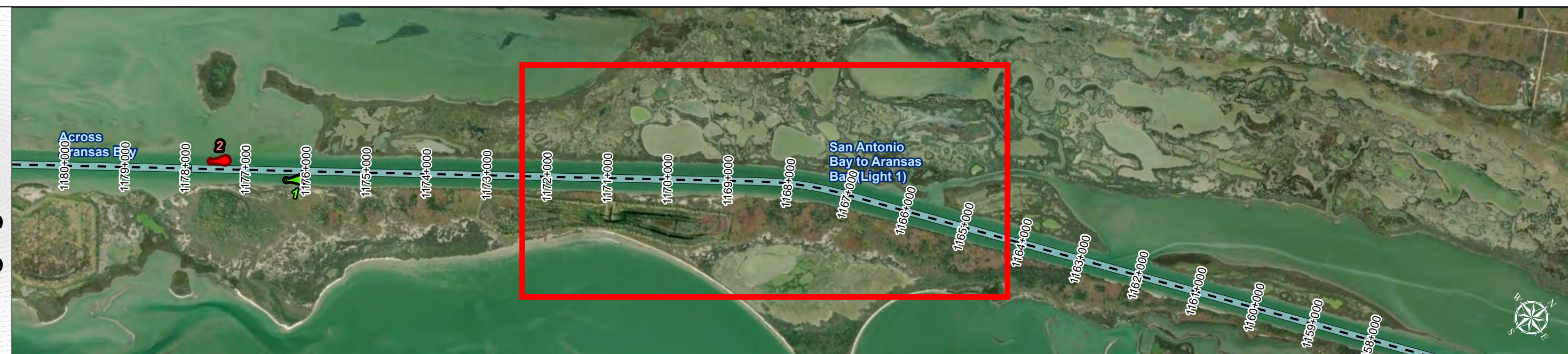
U.S. Army Corps of Engineers
Galveston District



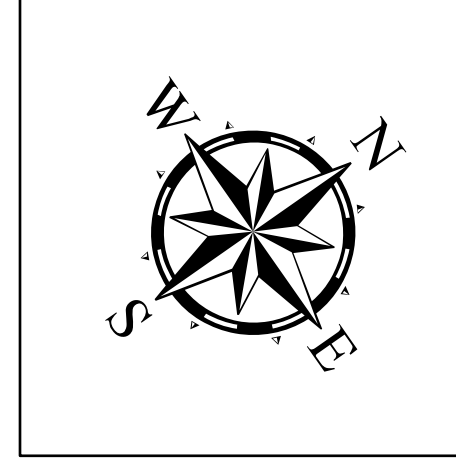
Regional Extent



Dredging Reach Extent



Latest Survey Collection Date: 12 March 2024	Authorized Depth: -14ft.
Document Page: 8 of 9	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	PDF Print Date: 3/13/2024
Mapped by: M3AOXPAC	
Additional Imagery info:	

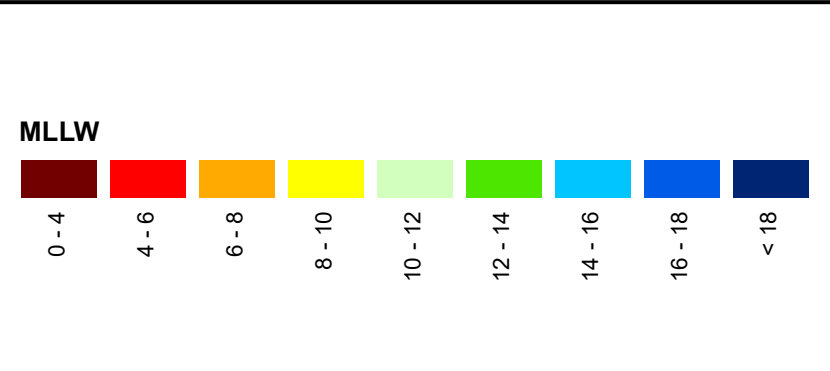


Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

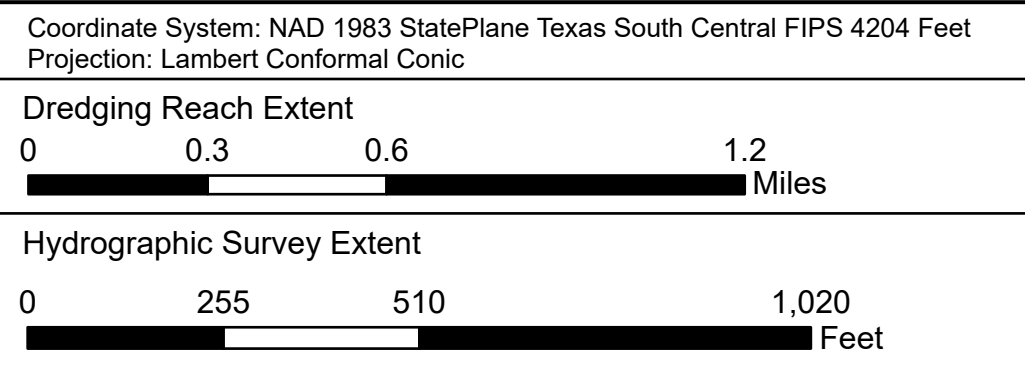


NOTES:

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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, METI/NASA, NGA, EPA, USDA
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

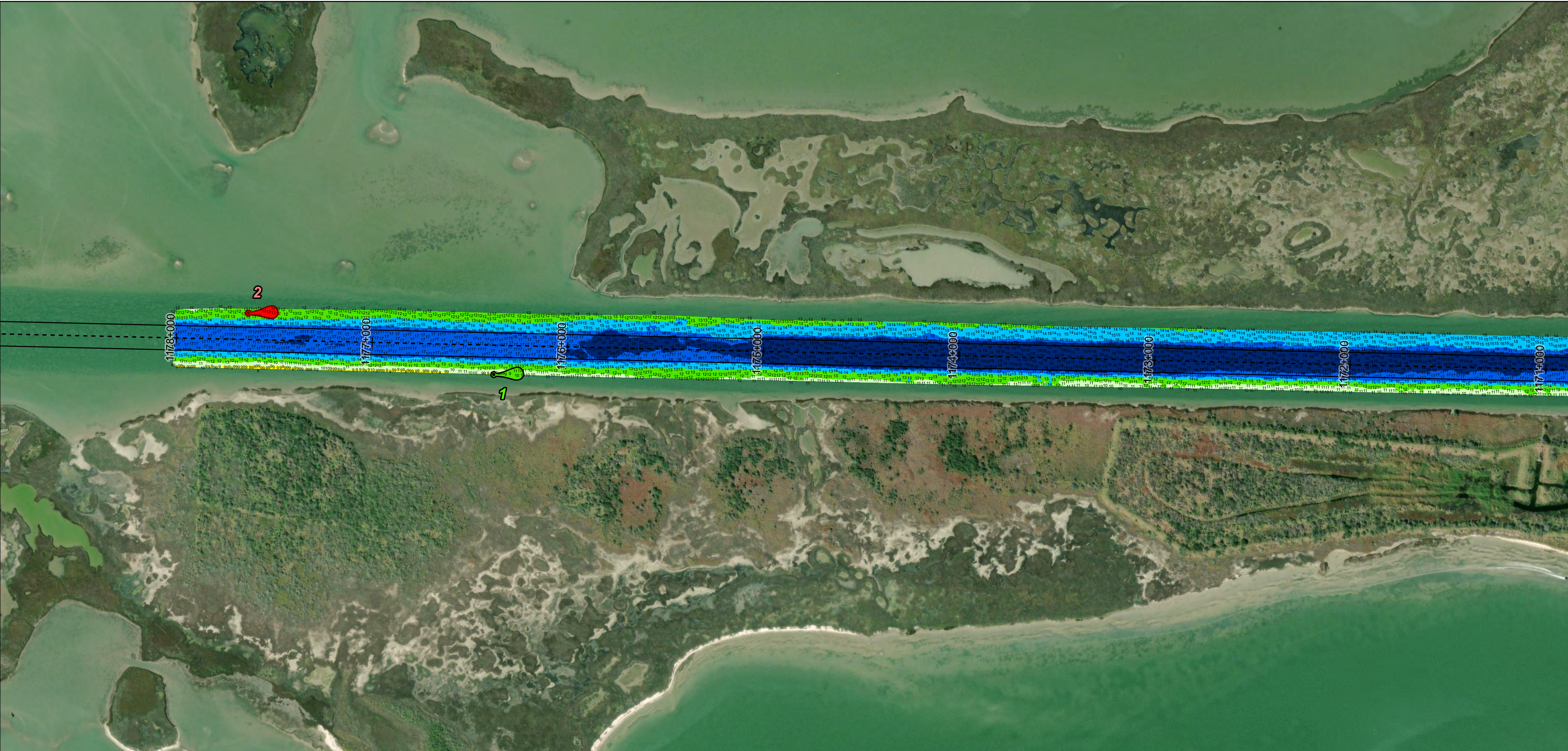
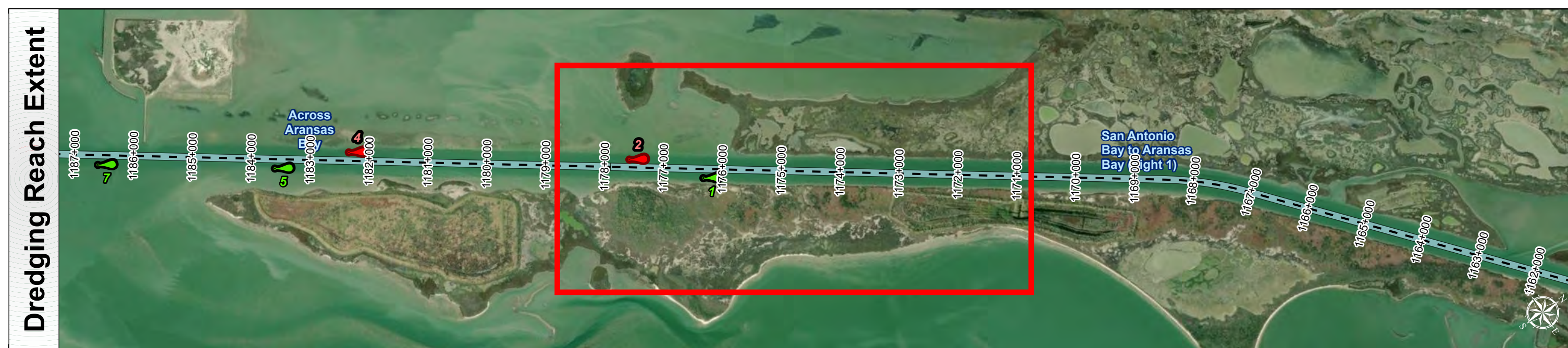
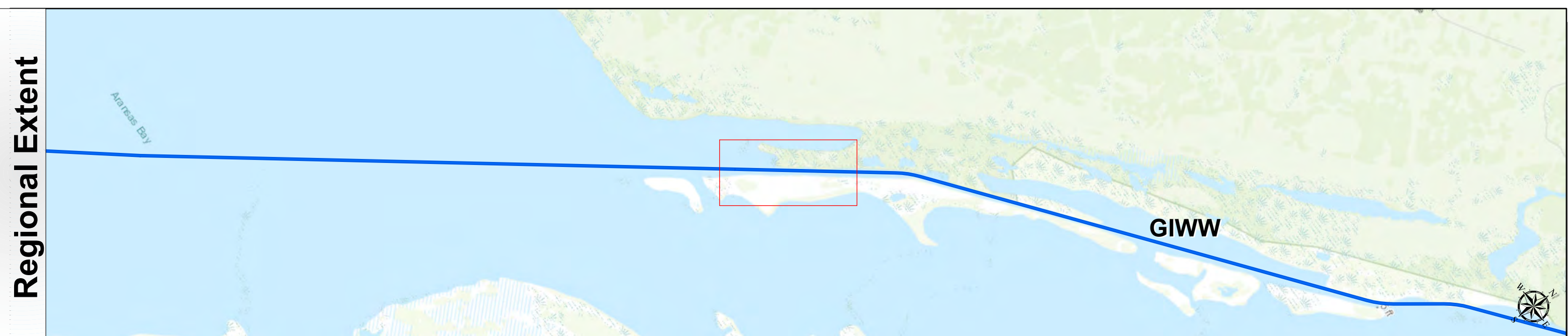
Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE



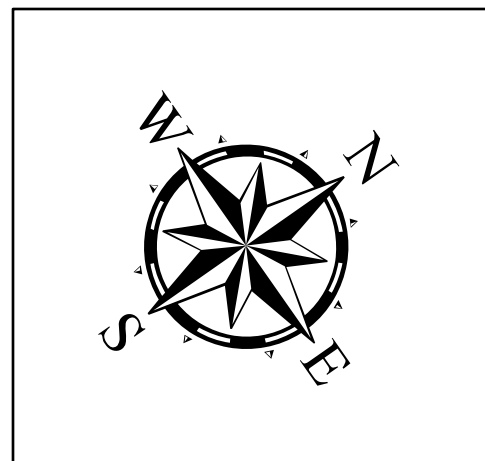
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1121+000 to 1178+000
GIWW
San Antonio Bay to Aransas Bay (Light 1)

Gulf Intracoastal Waterway: San Antonio Bay to Aransas Bay (Light 1)



Latest Survey Collection Date: 12 March 2024	Authorized Depth: -14ft.
Document Page: 9 of 9	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	PDF Print Date: 3/13/2024
Mapped by: M3AOXPAC	
Additional Imagery info:	
Website Index Number: 168	



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

NOTES:

- Horizontal coordinates are referenced to Texas state plane coordinate system, south central zone nad83 us survey feet.
- Elevations are referenced to mean lower low tide (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 CFR 11.10-1.0152.
- The information depicted on this survey map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time. These conditions are subject to rapid change due to shoaling events. A prudent mariner should not rely exclusively on the information provided here. Required by 33 CFR 209.225.
- For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>

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

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

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

HYDROGRAPHIC SURVEY
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