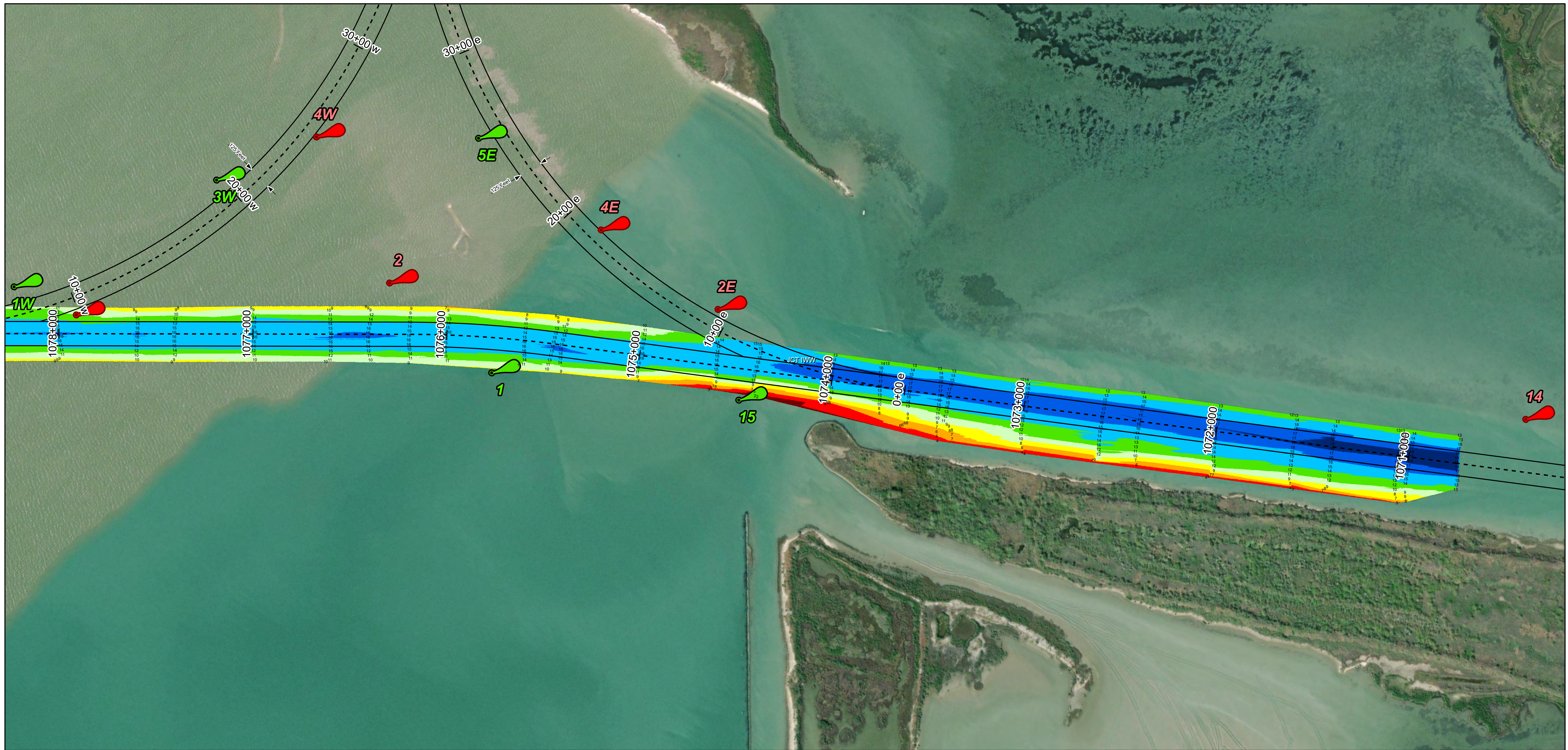
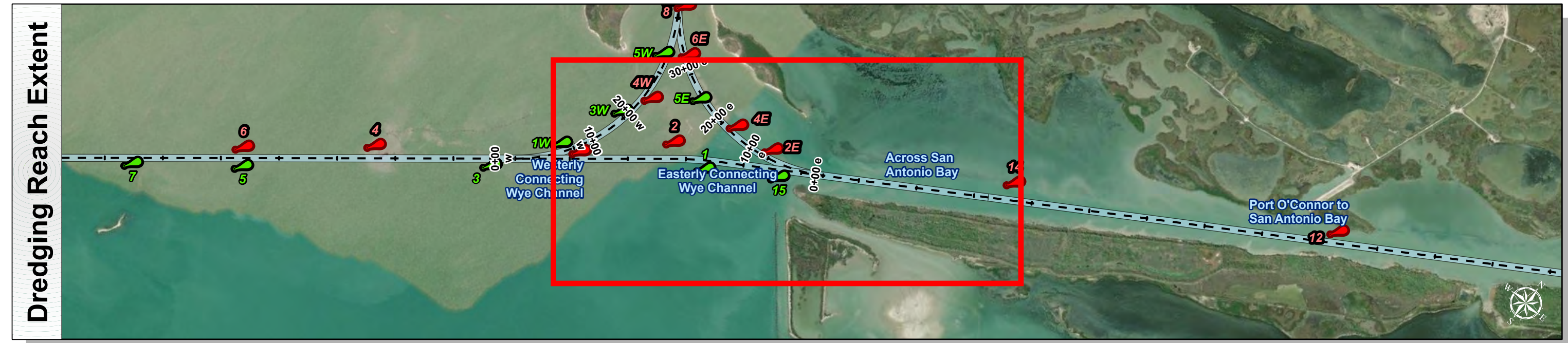
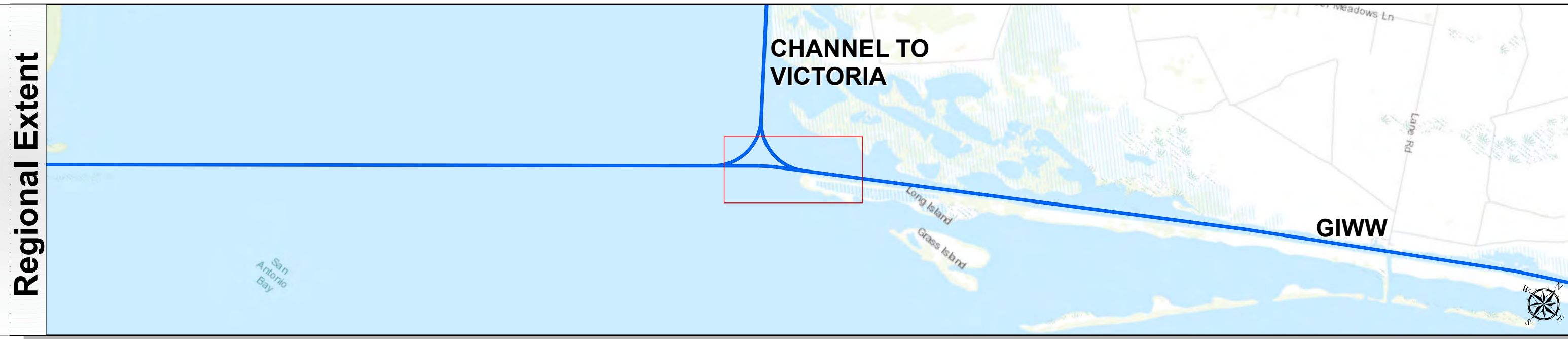


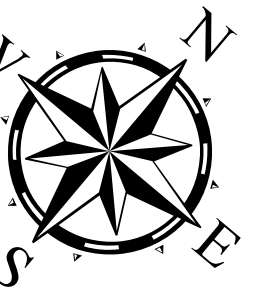
Gulf Intracoastal Waterway: Across San Antonio Bay



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 27 April 2023	Authorized Depth: -14ft.
Document Page: 1 of 7	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	PDF Print Date: 5/1/2023
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 Station Lines	Lights	6 - 8
↔ Channel Dimensions		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 er1109-d152.
- 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 Ocean Base: Esri, GEBCO, Delorme, NaturalVue
World Imagery: Maxar

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

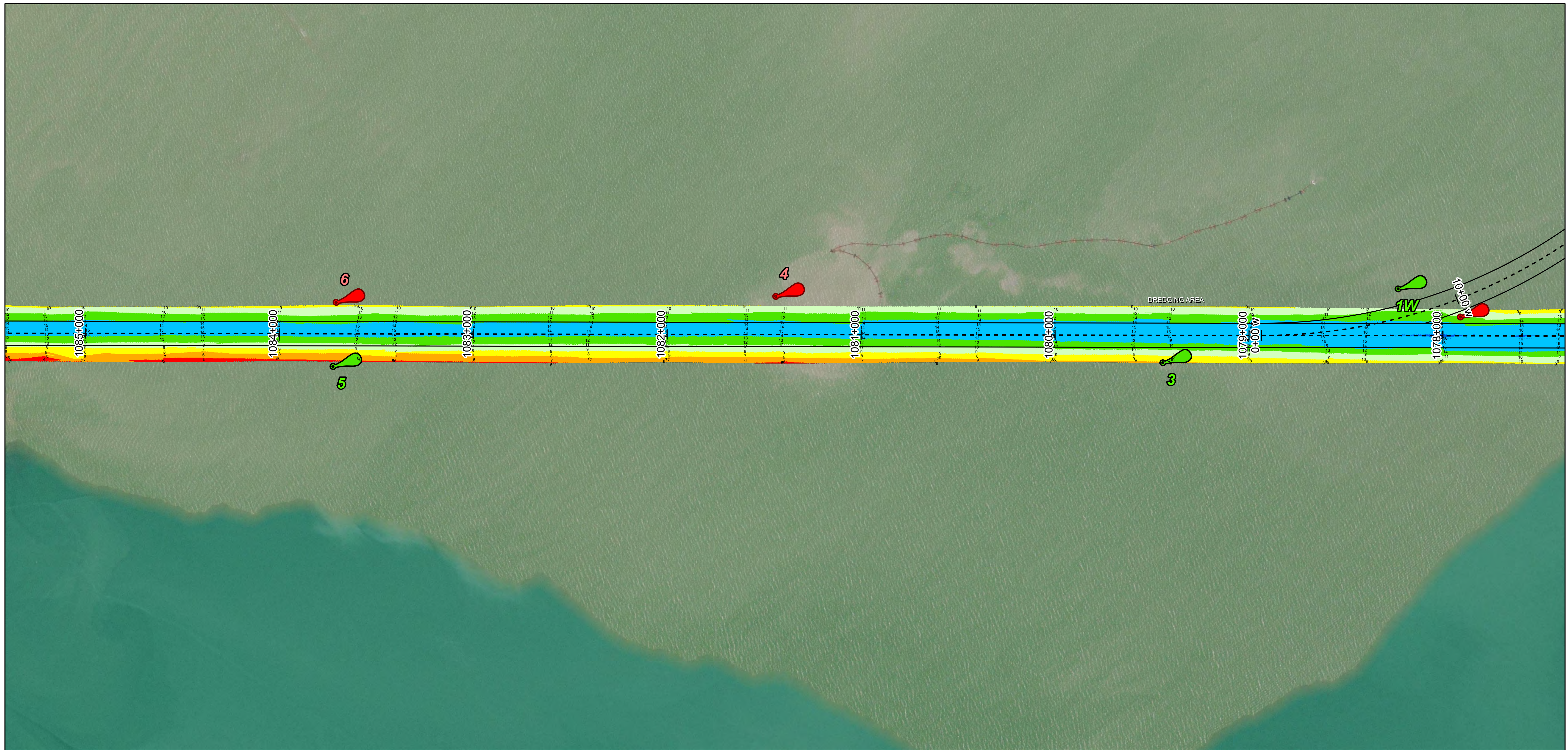
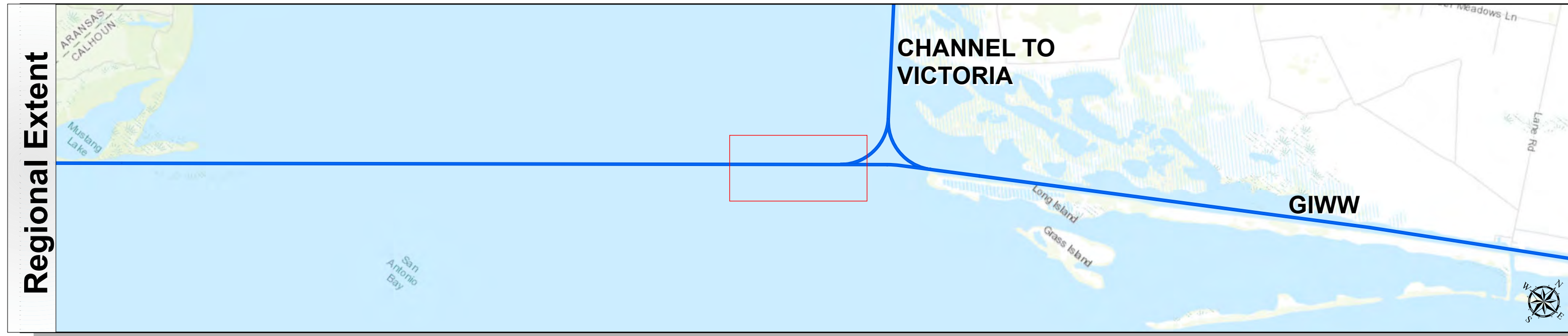
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1070+753.30 to 1121+000
GIWW
Across San Antonio Bay

Gulf Intracoastal Waterway: Across San Antonio Bay



U.S. Army Corps of Engineers
Galveston District

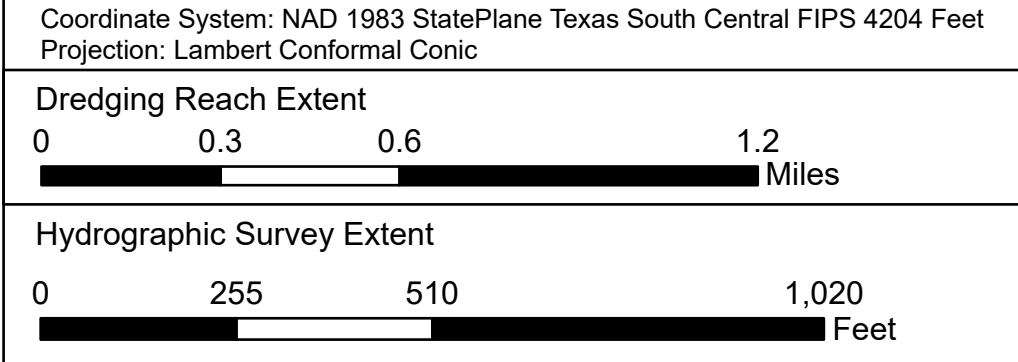


NOTES:

- 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 er1101-d152.
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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 Ocean Base: Esri, GEBCO, Delorme, NaturalVue
World Imagery: Maxar

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE



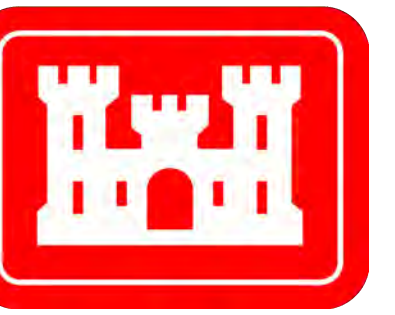
Latest Survey Collection Date: 27 April 2023	Authorized Depth: -14ft.
Document Page: 2 of 7	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Website Index Number: 154
Mapped by: M3AOXPAC	PDF Print Date: 5/1/2023
Additional Imagery info:	



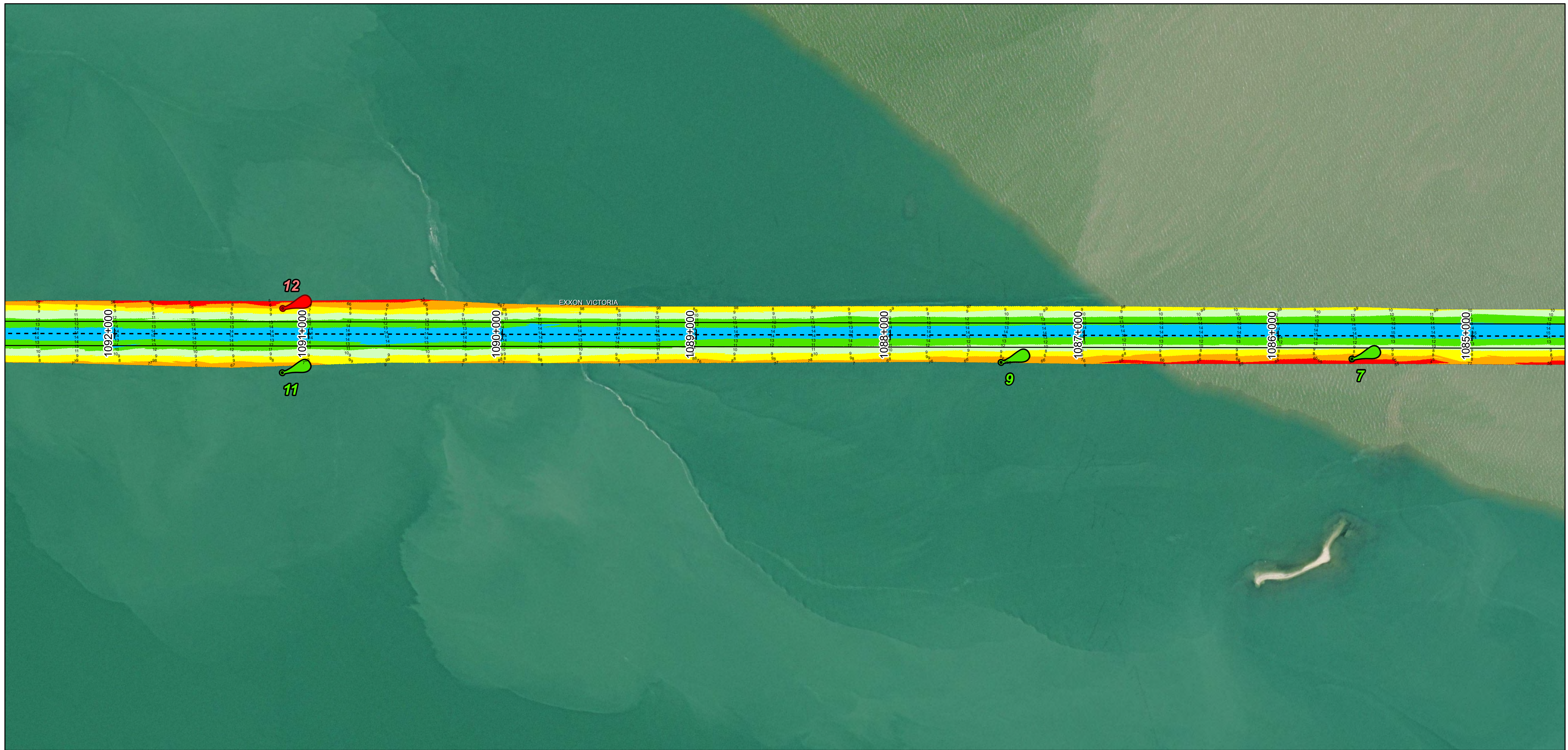
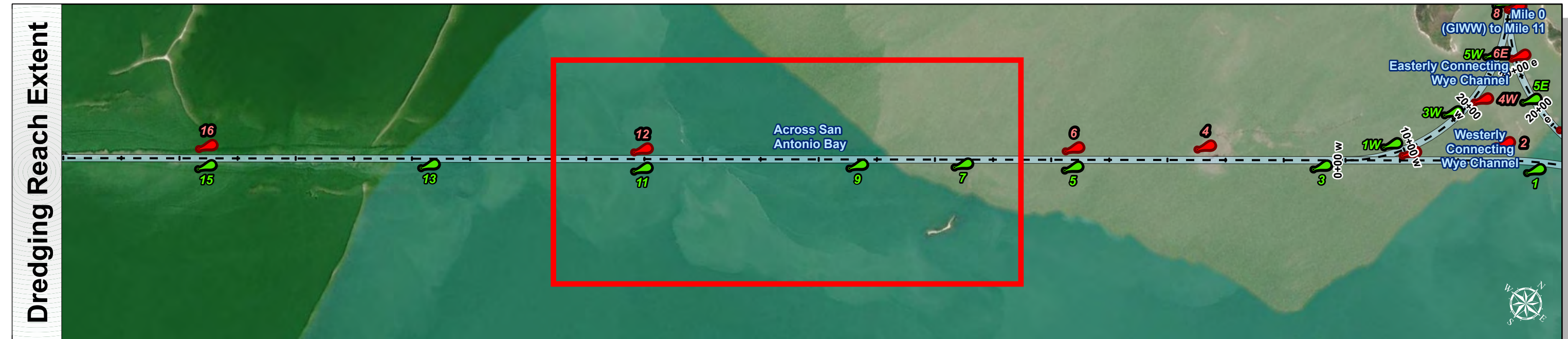
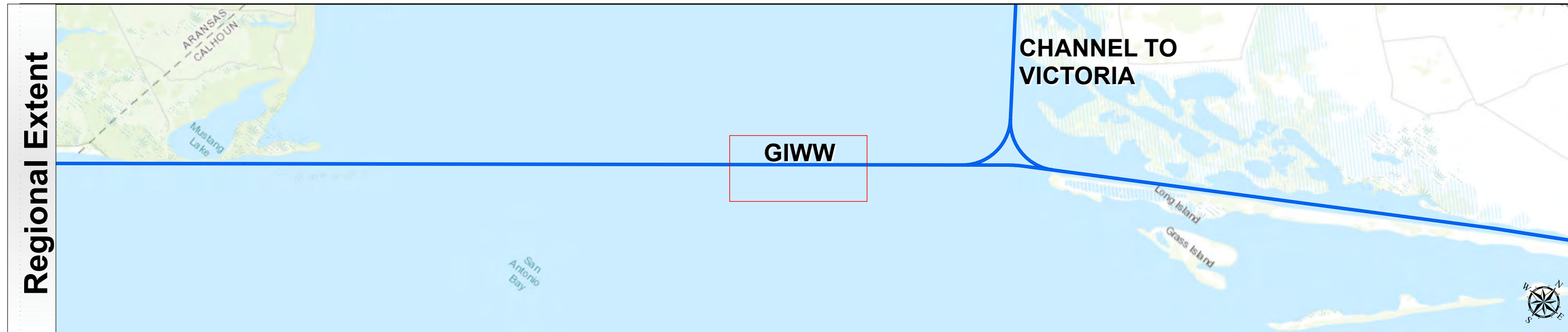
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1070+753.30 to 1121+000
GIWW
Across San Antonio Bay

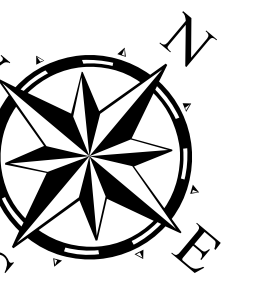
Gulf Intracoastal Waterway: Across San Antonio Bay



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 27 April 2023	Authorized Depth: -14ft.
Document Page: 3 of 7	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Website Index Number: 155
Mapped by: M3AOXPAC	PDF Print Date: 5/1/2023
Additional Imagery info:	



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

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 11.101-11.152.
- 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 Ocean Base: Esri, GEBCO, Delorme, NaturalVue
World Imagery: Maxar

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

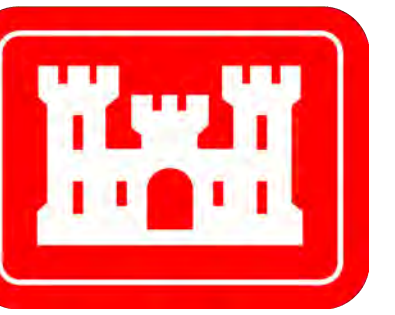
Hydrographic Survey Extent

0 255 510 1,020 Feet

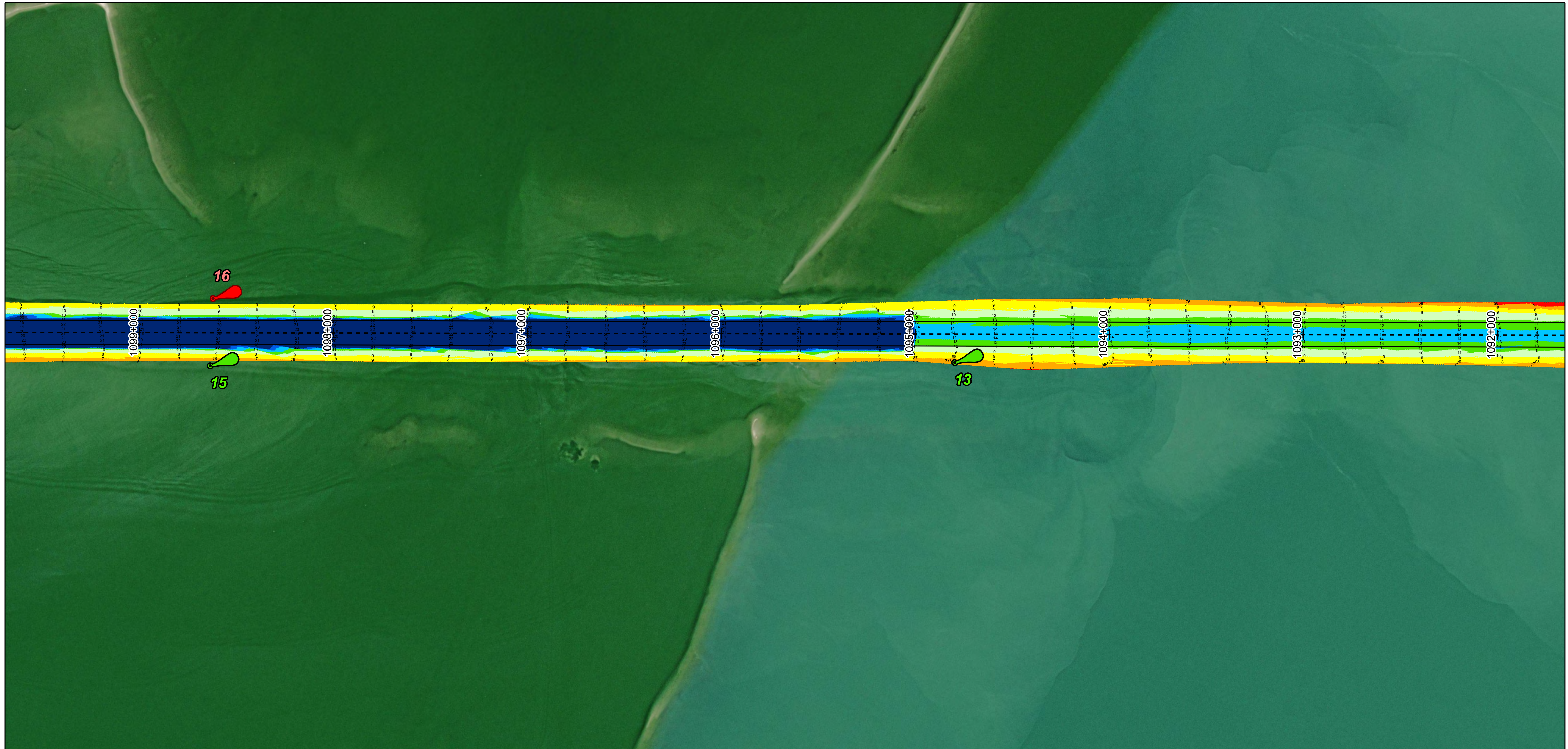
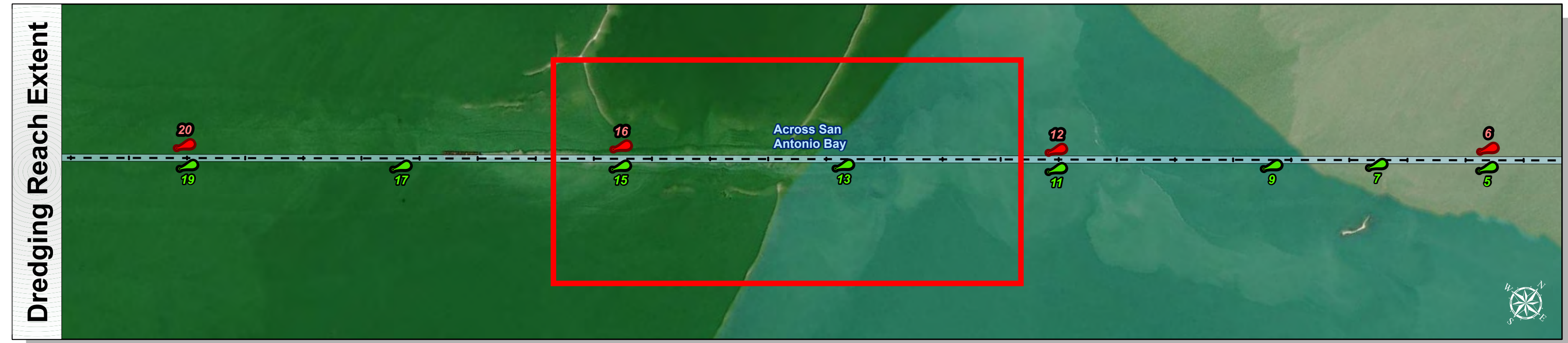
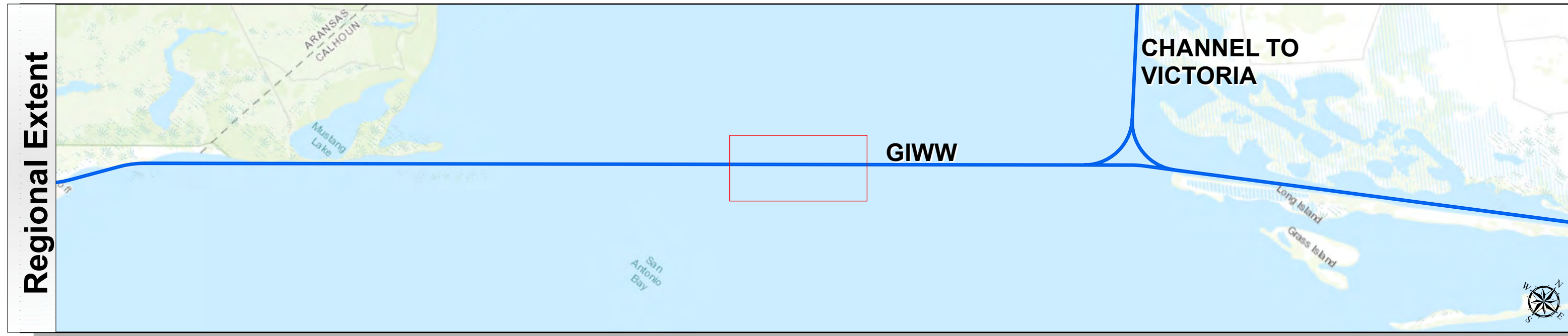
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 1070+753.30 to 1121+000
GIWW
Across San Antonio Bay

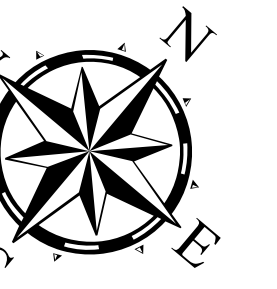
Gulf Intracoastal Waterway: Across San Antonio Bay



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 27 April 2023	Authorized Depth: -14ft.
Document Page: 4 of 7	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Website Index Number: 156
Mapped by: M3AOXPAC	PDF Print Date: 5/1/2023
Additional Imagery info:	



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

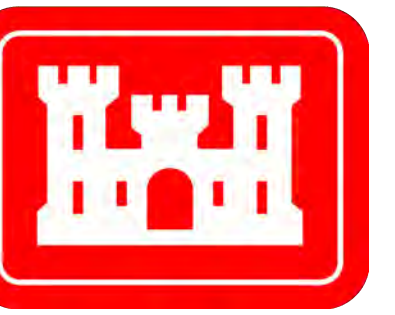
NOTES:
 1. Horizontal coordinates are referenced to Texas state plane coordinate system, south central zone nad83 us survey feet.
 2. Elevations are referenced to mean lower low tide (MLLW) datum.
 3. This project was designed by the galveston district of the u.s. army corps of engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by er1110-d152.
 4. The information depicted on this survey map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time. These conditions are subject to rapid change due to shoaling events. A prudent mariner should not rely exclusively on the information provided here. Required by 33 CFR 209.325.
 5. For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>
 Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
 World Ocean Base: Esri, GEBCO, Delorme, NaturalVue
 World Imagery: Maxar

Additional Combined Survey Dates and Stationing:
 COMB_SURV_INFO_HERE

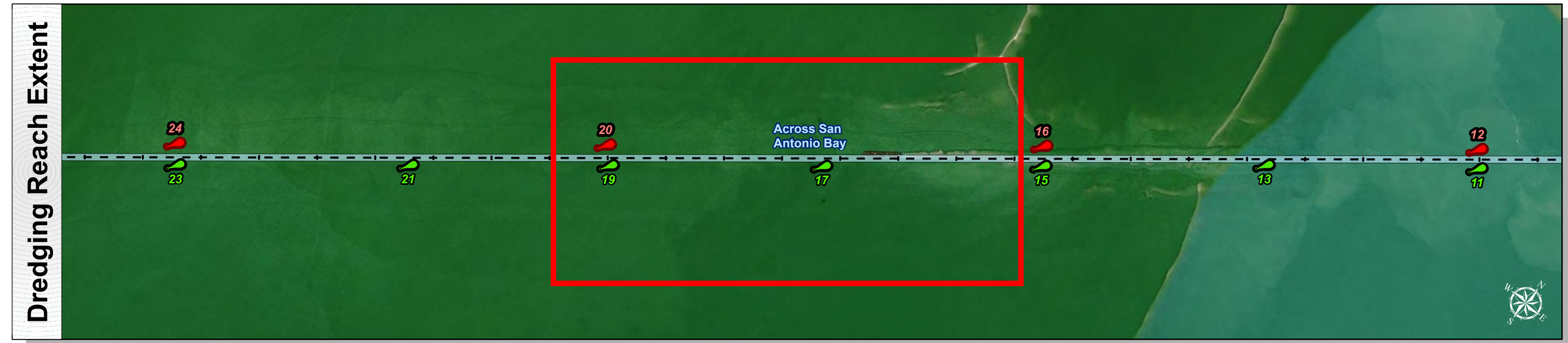
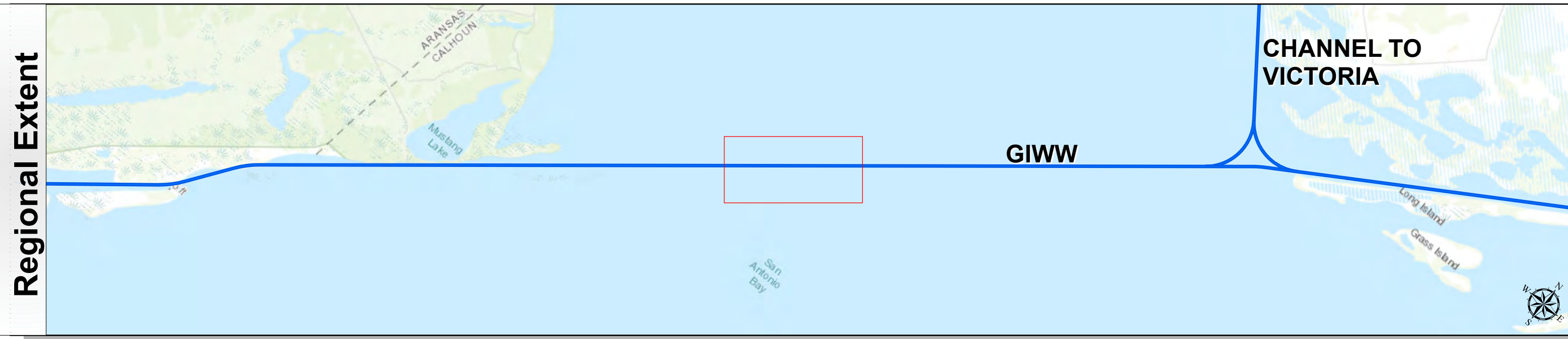
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet Projection: Lambert Conformal Conic	
Dredging Reach Extent	0 0.3 0.6 1.2 Miles
Hydrographic Survey Extent	0 255 510 1,020 Feet

HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS
Station: 1070+753.30 to 1121+000
GIWW
 Across San Antonio Bay

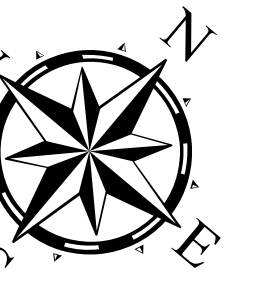
Gulf Intracoastal Waterway: Across San Antonio Bay



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 27 April 2023	Authorized Depth: -14ft.
Document Page: 5 of 7	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	PDF Print Date: 5/1/2023
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 Station Lines	Lights	6 - 8
↔ Channel Dimensions		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 11.101-41.52.
 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 Ocean Base: Esri, GEBCO, Delorme, NaturalVue
 World Imagery: Maxar

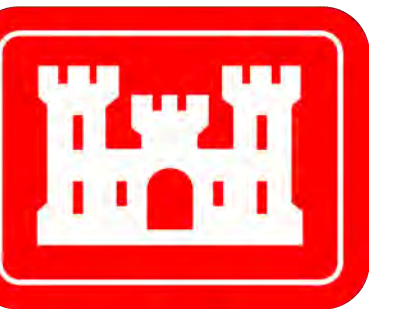
Additional Combined Survey Dates and Stationing:
 COMB_SURV_INFO_HERE

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

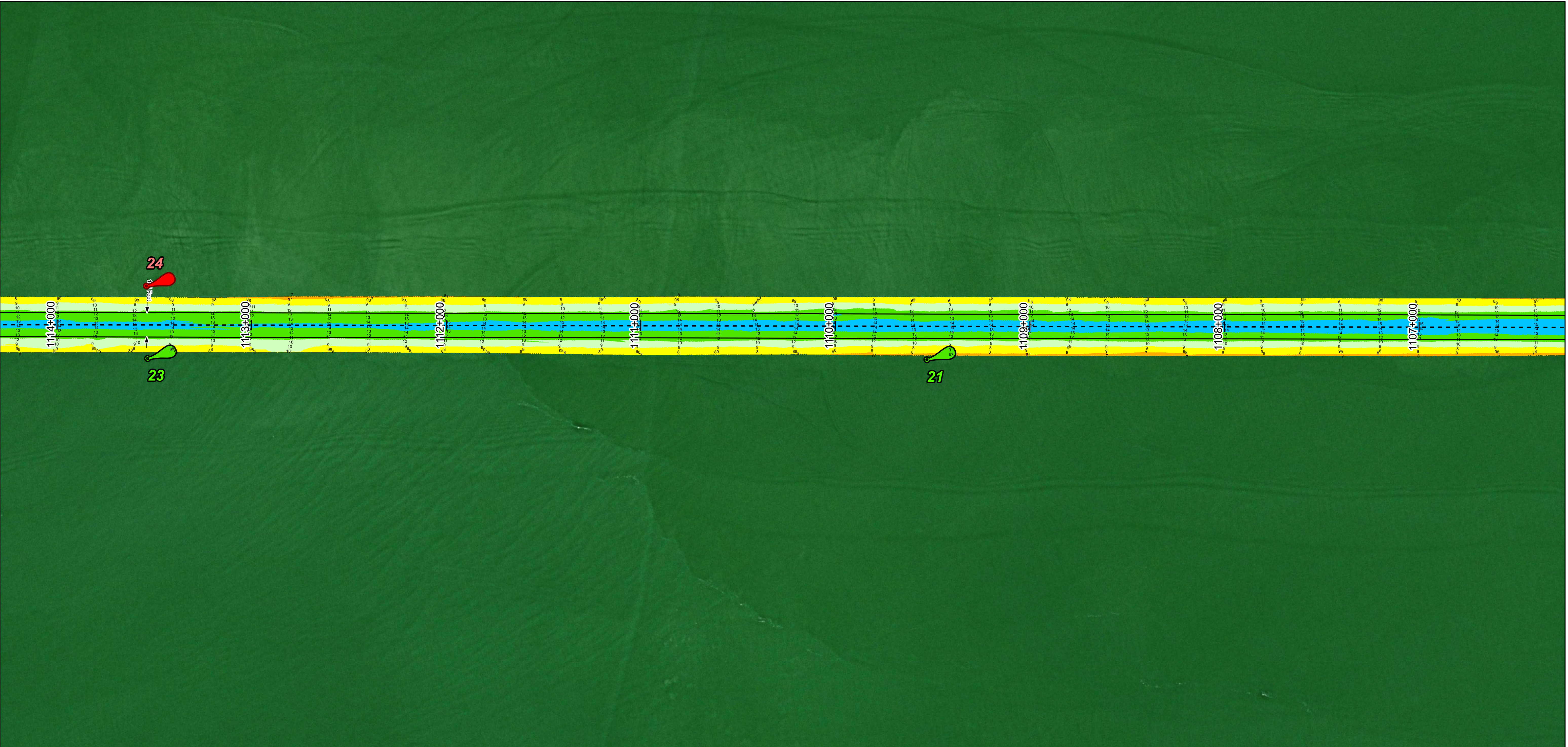
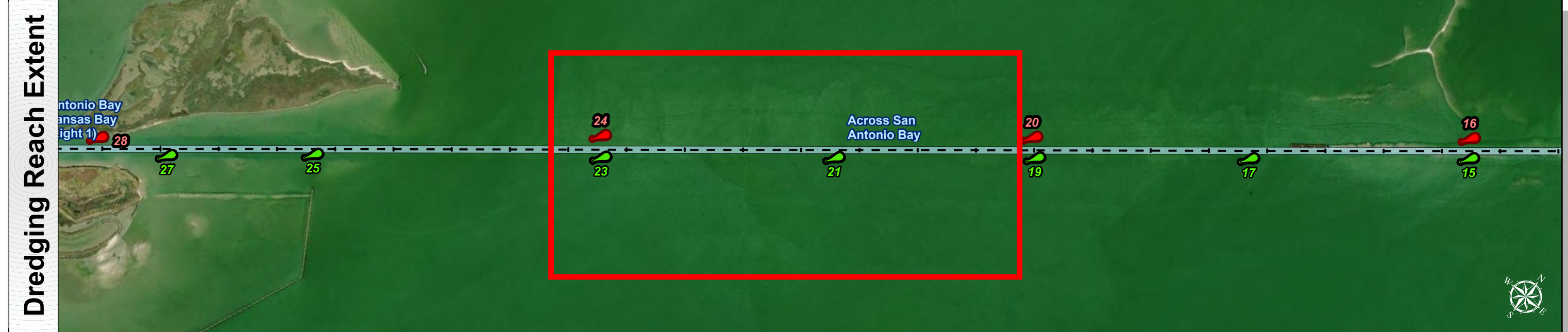
HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS

Station: 1070+753.30 to 1121+000
GIWW
 Across San Antonio Bay

Gulf Intracoastal Waterway: Across San Antonio Bay



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 27 April 2023	Authorized Depth: -14ft.
Document Page: 6 of 7	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	PDF Print Date: 5/1/2023
Mapped by: M3AOXPAC	
Additional Imagery info:	

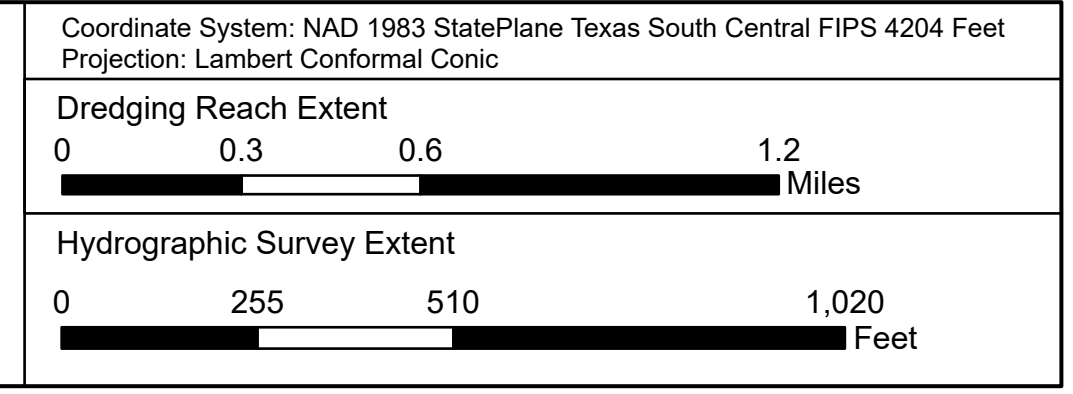


Channel Features	Aids to Navigation
--- Channel Center Line	Green Side Aids
— Channel Toe	Red Side Aids
— Channel Station Lines	Lights
↔ Channel Dimensions	

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 119.41-152.
 4. The information depicted on this survey map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time. These conditions are subject to rapid change due to shoaling events. A prudent mariner should not rely exclusively on the information provided here. Required by 33 CFR 209.325.
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Service Layer Credits: World Topographic Map, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
 World Ocean Base, Esri, GEBCO, Delorme, NaturalVue
 World Imagery, Maxar

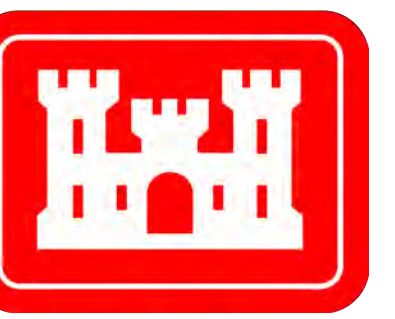
Additional Combined Survey Dates and Stationing:
 COMB_SURV_INFO_HERE



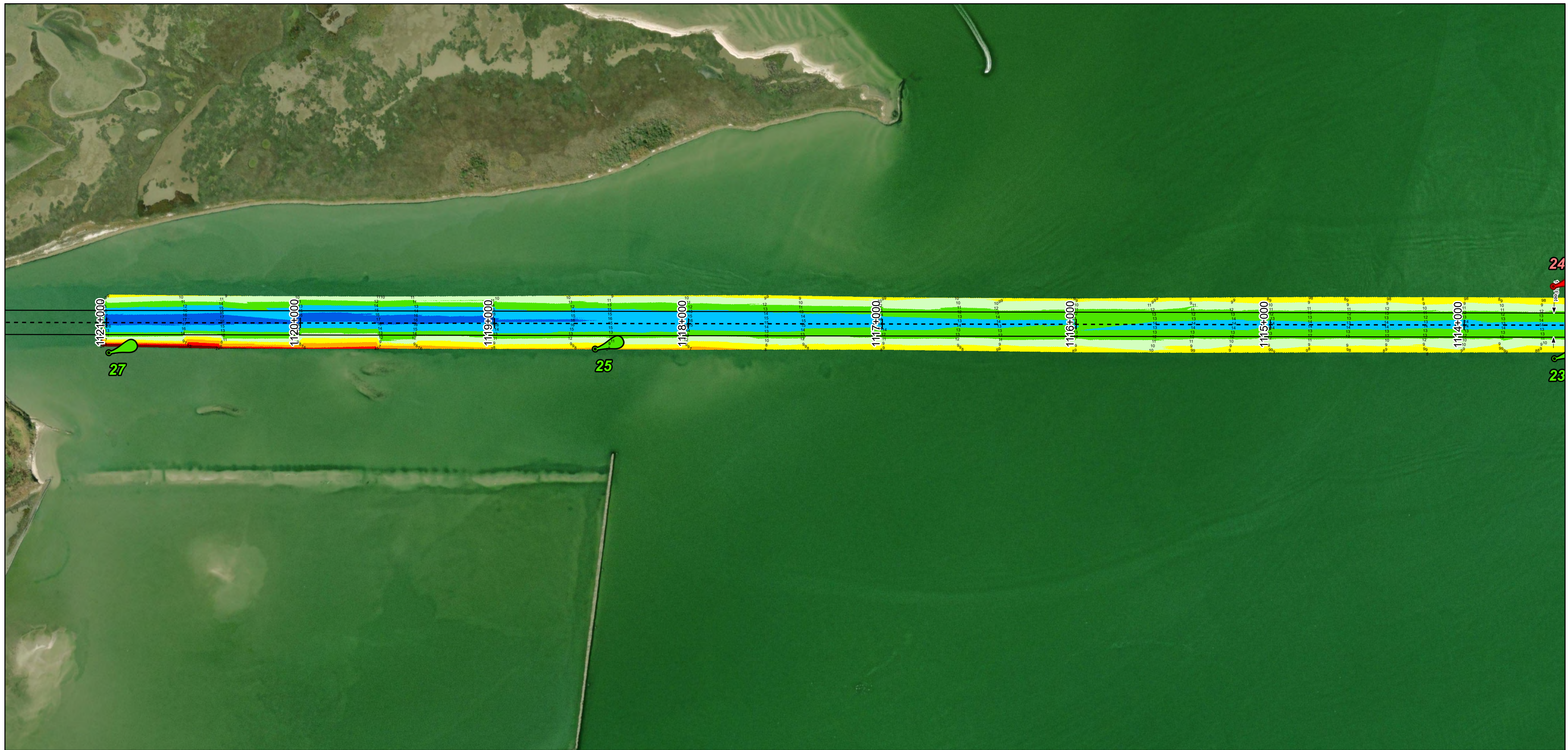
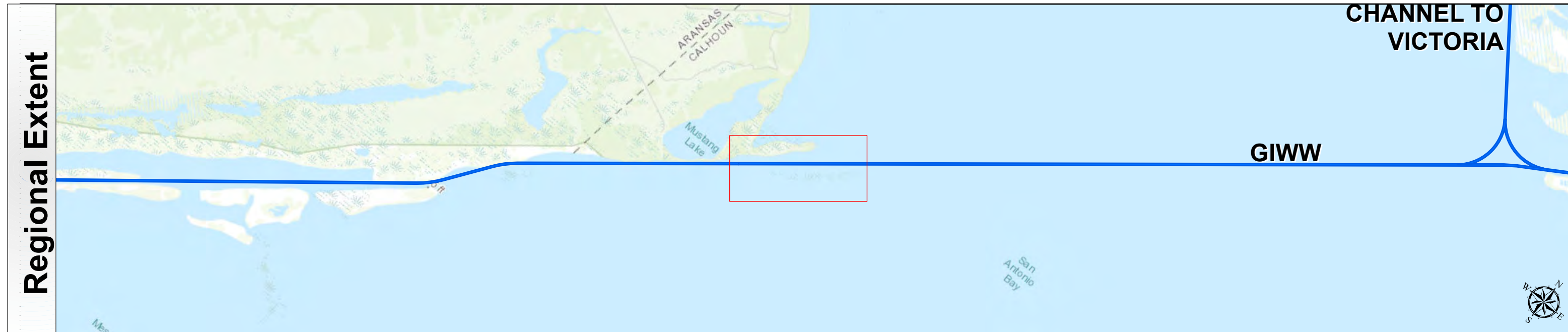
HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS

Station: 1070+753.30 to 1121+000
GIWW
 Across San Antonio Bay

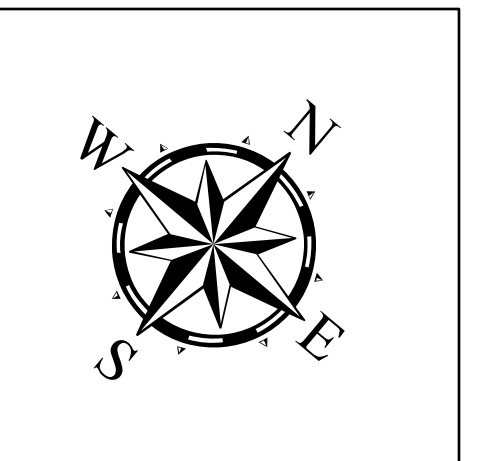
Gulf Intracoastal Waterway: Across San Antonio Bay



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 27 April 2023	Authorized Depth: -14ft.
Document Page: 7 of 7	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	PDF Print Date: 5/1/2023
Mapped by: M3AOXPAC	
Additional Imagery info:	



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

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

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: 1070+753.30 to 1121+000
GIWW
Across San Antonio Bay