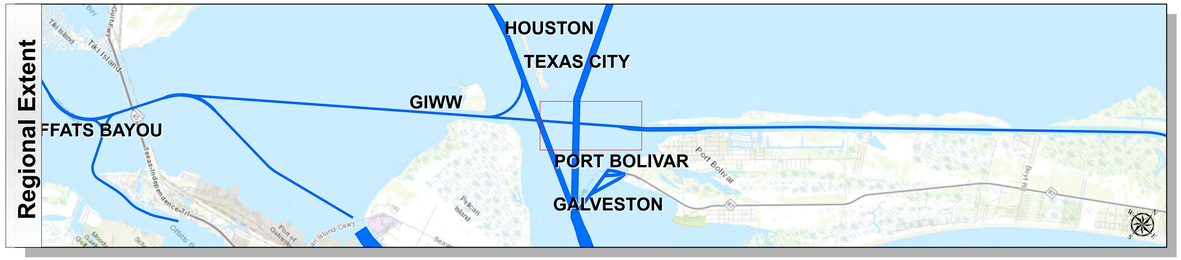
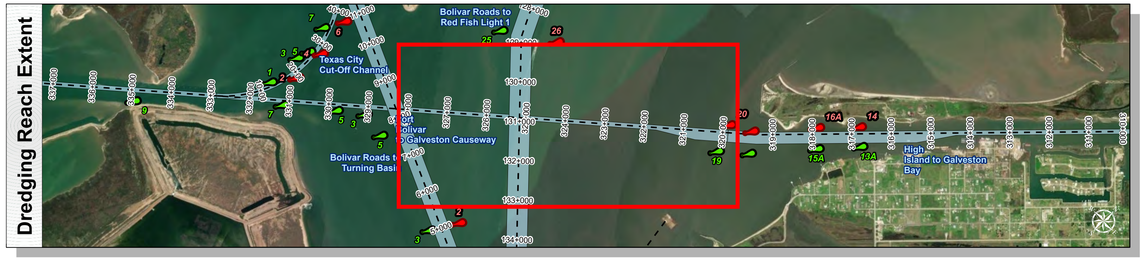
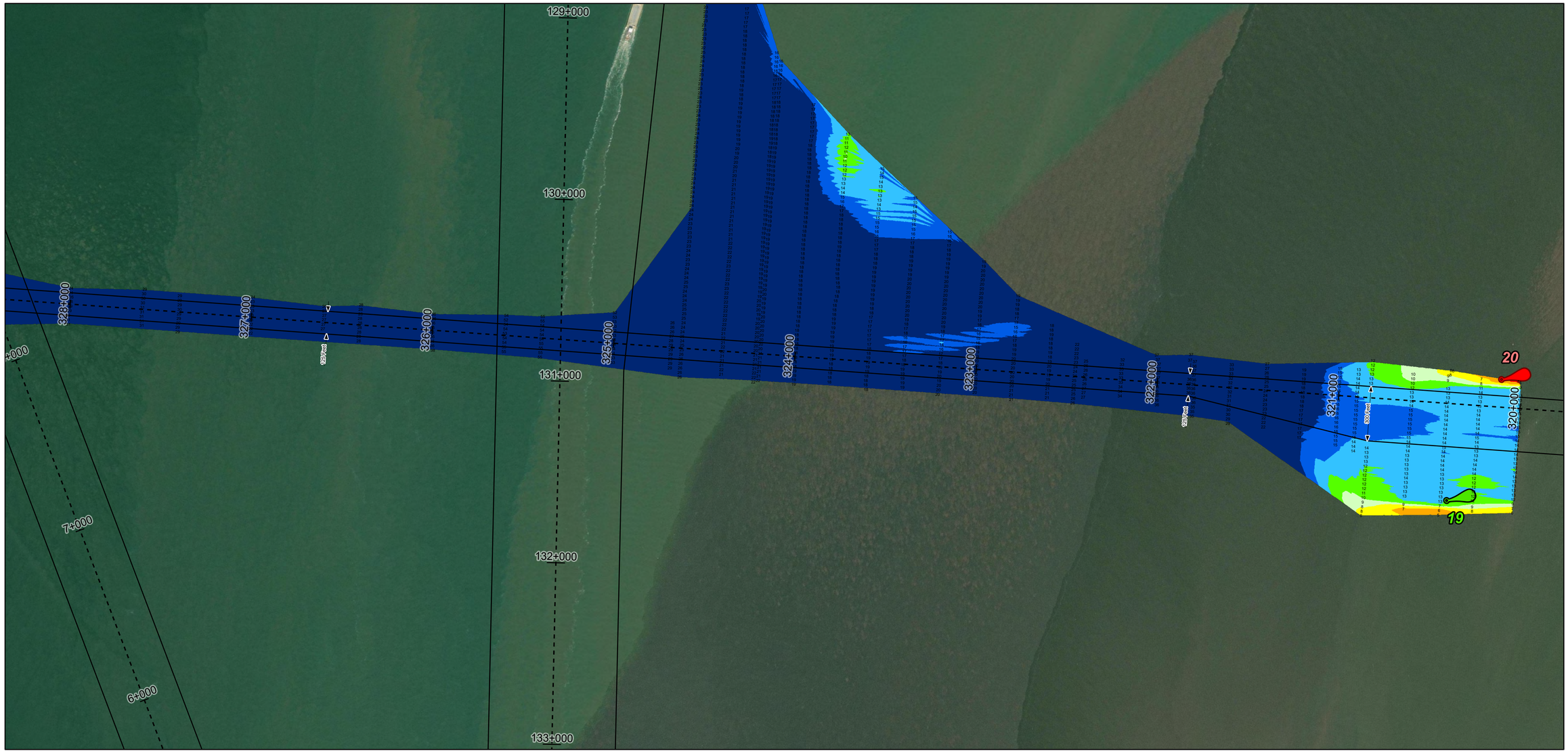
Gulf Intracoastal Waterway: Port Bolivar to Galveston Causeway





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 December 2023
Document Page:	1 of 5
Website Index Number:	46
Scale:	1:3,200
Mapped by:	M3AOXPAC
Additional Imagery info:	
Authorized Depth:	-13ft.
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	2/1/2024

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

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

NOTES:
1. Horizontal coordinates are referenced to texas state plane coordinate system, south 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 er1110-1-8152.
4. The information depicted on this survey map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time. These conditions are subject to rapid change due to shoaling events. A prudent mariner should not rely exclusively on the information provided here. Required by 33 cfr 209.325
5. For the most up to date information please check our website at: http://www.swg.usace.army.mil/Missions/Navigation/HydrographicSurveys/

Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
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 0.33 0.65 1.3 Miles

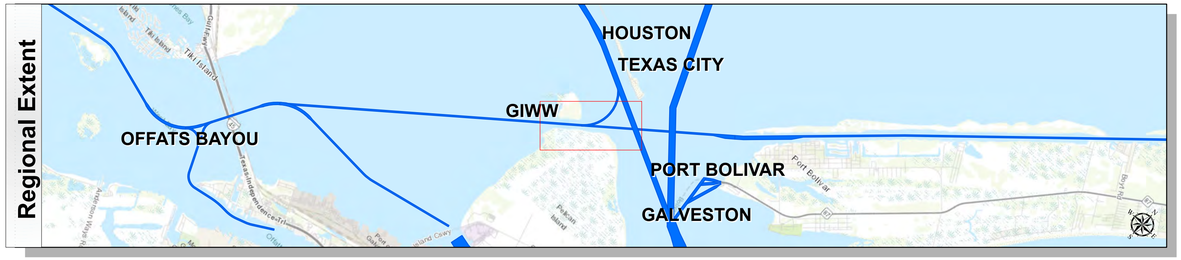
Hydrographic Survey Extent
0 275 550 1,100 Feet

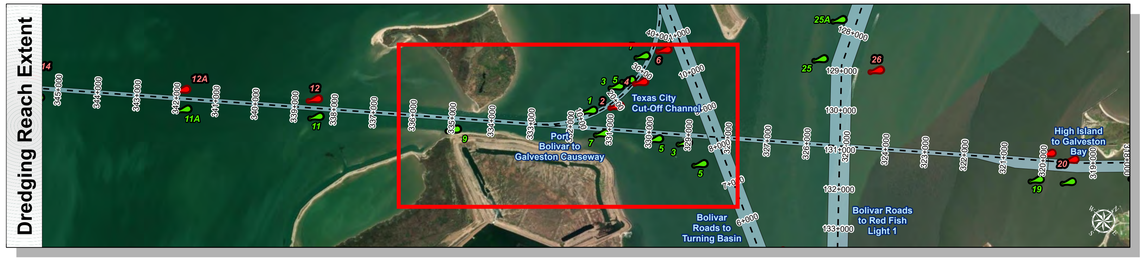
HYDROGRAPHIC SURVEY

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

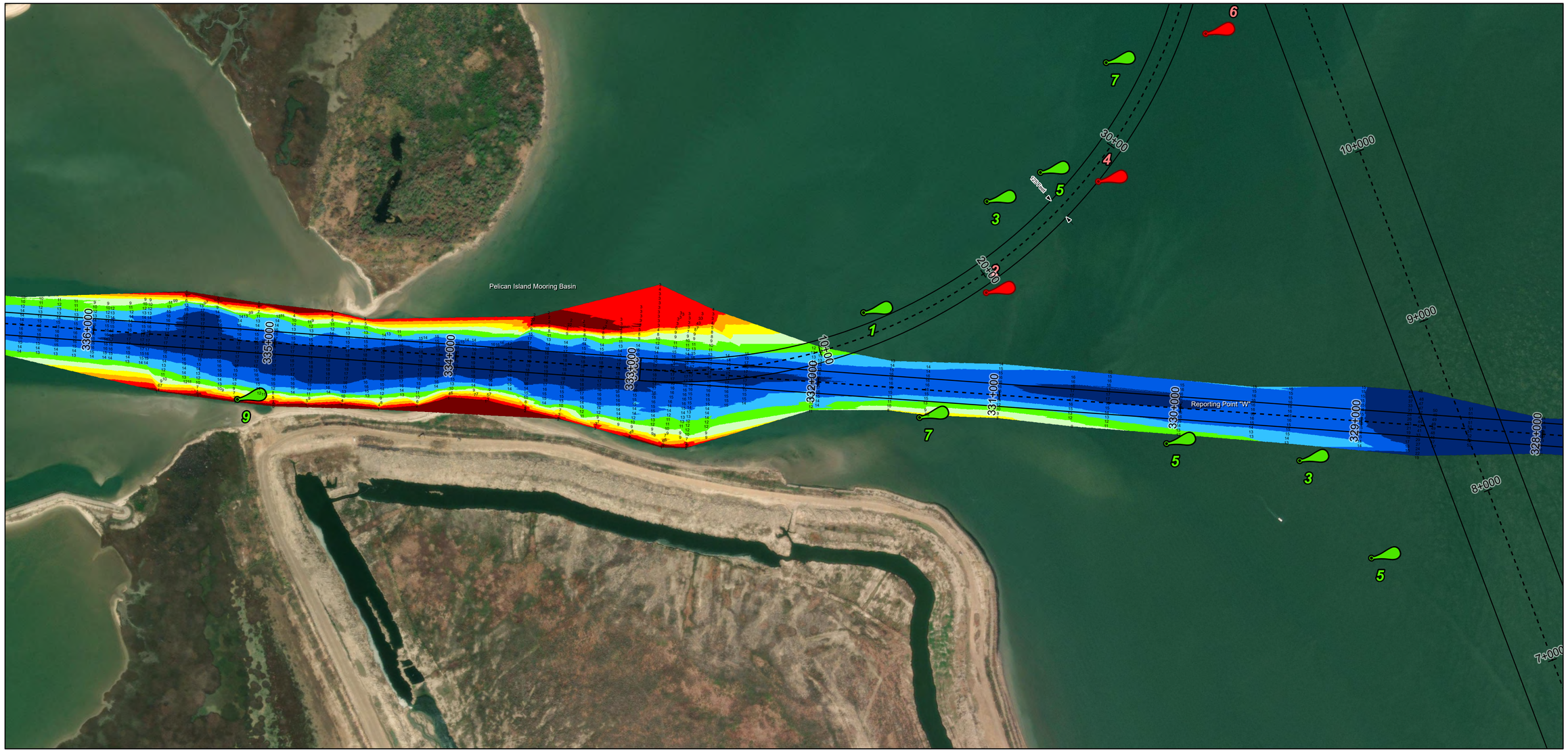
Station: 320+000 to 360+270.67
GIWW
Port Bolivar to Galveston Causeway

Gulf Intracoastal Waterway: Port Bolivar to Galveston Causeway





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 December 2023
Document Page:	2 of 5
Website Index Number:	47
Scale:	1:3,200
Mapped by:	M3AOXPAC
Additional Imagery info:	
Authorized Depth:	-13ft.
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	2/1/2024

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

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

NOTES:
1. Horizontal coordinates are referenced to texas state plane coordinate system, south central zone nad83 us survey feet.
2. 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, METI/NASA, NGA, EPA, USDA
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 0.33 0.65 1.3 Miles

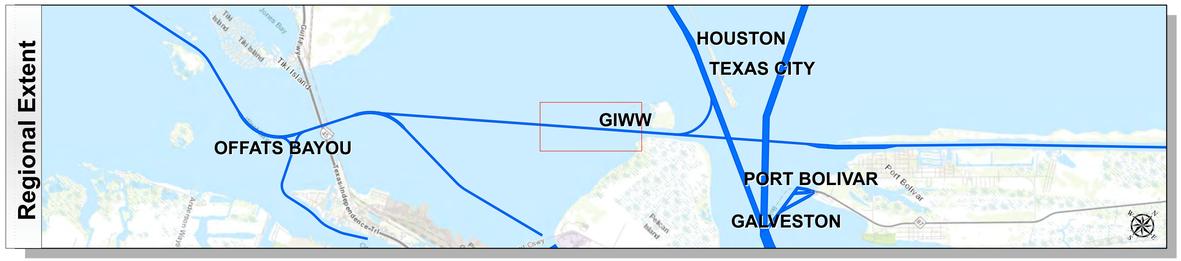
Hydrographic Survey Extent
0 275 550 1,100 Feet

HYDROGRAPHIC SURVEY

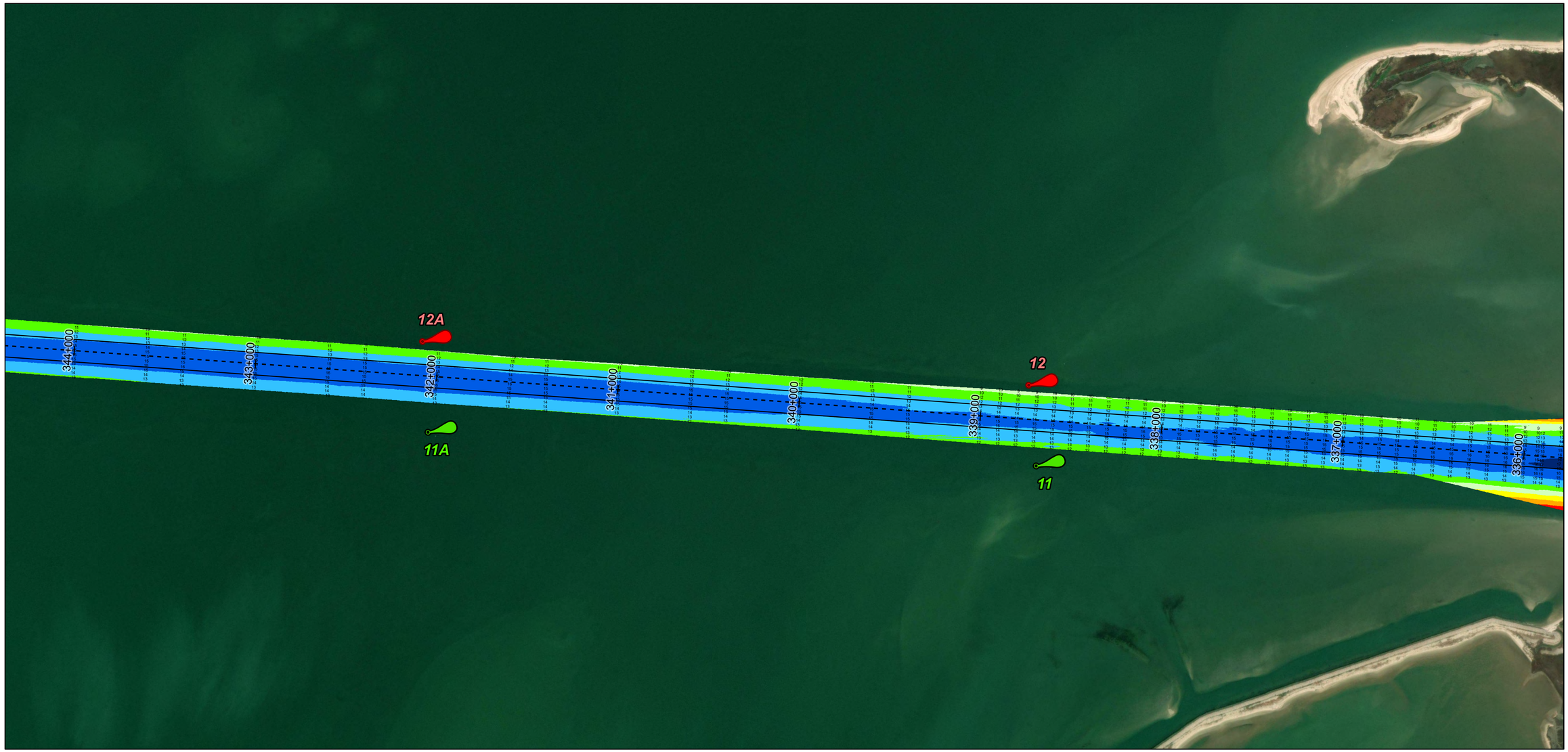
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 320+000 to 360+270.67
GIWW
Port Bolivar to Galveston Causeway

Gulf Intracoastal Waterway: Port Bolivar to Galveston Causeway



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 December 2023
Document Page: 3 of 5	Website Index Number: 48
Scale: 1:3,200	
Mapped by: M3AOXPAC	
Additional Imagery info:	
Authorized Depth: -13ft.	
Side Slope Ratio: (Rise : Run)	
PDF Print Date: 2/1/2024	

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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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
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

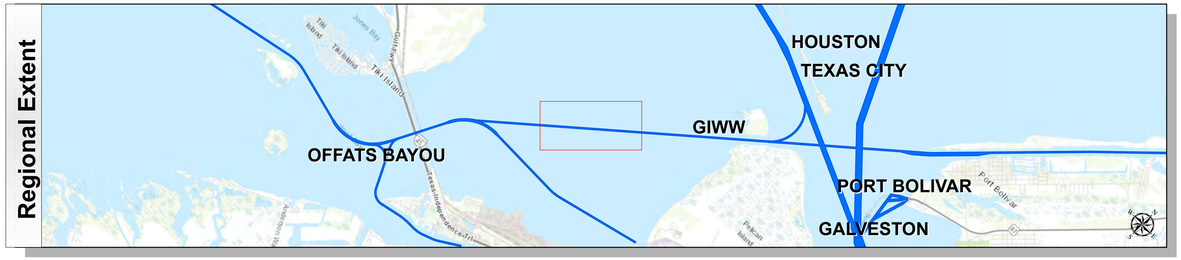
Dredging Reach Extent
0 0.33 0.65 1.3 Miles

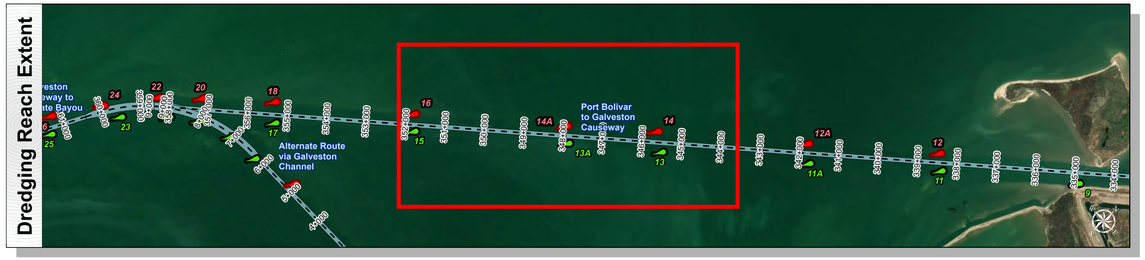
Hydrographic Survey Extent
0 275 550 1,100 Feet

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

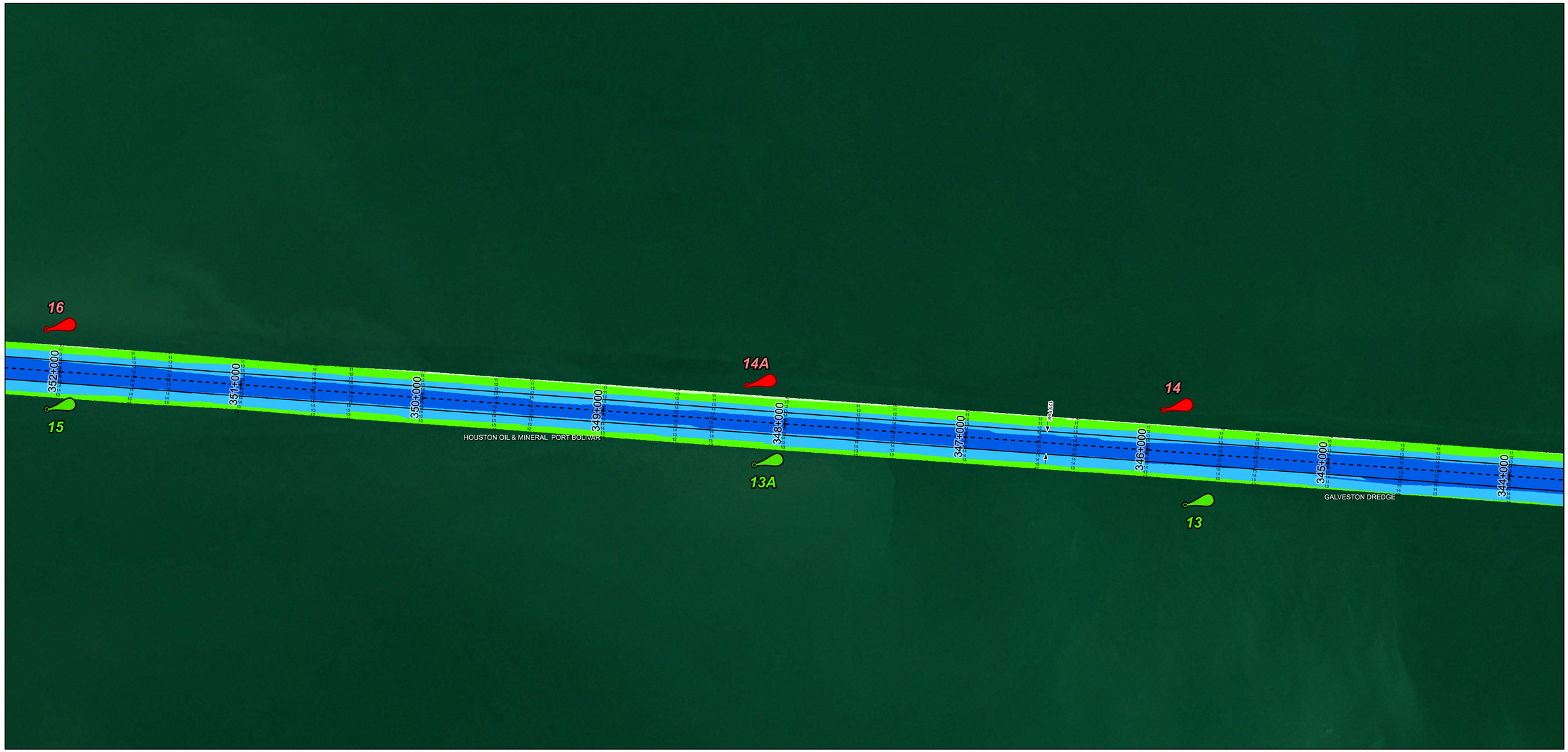
Station: 320+000 to 360+270.67
GIWW
Port Bolivar to Galveston Causeway

Gulf Intracoastal Waterway: Port Bolivar to Galveston Causeway





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 21 December 2023
Document Page: 4 of 5
Website Index Number: 49
Scale: 1:3,200
Mapped by: M3AOXPAC
Additional Imagery info:
Authorized Depth: -13ft.
Side Slope Ratio: (Rise : Run)
PDF Print Date: 2/1/2024

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

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 0.33 0.65 1.3 Miles

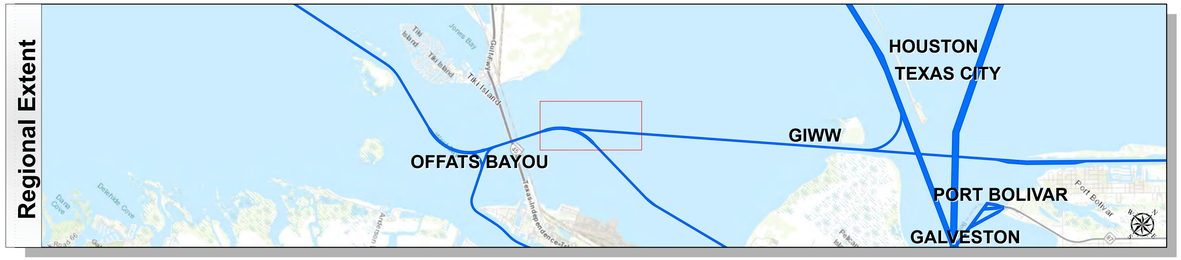
Hydrographic Survey Extent
0 275 550 1,100 Feet

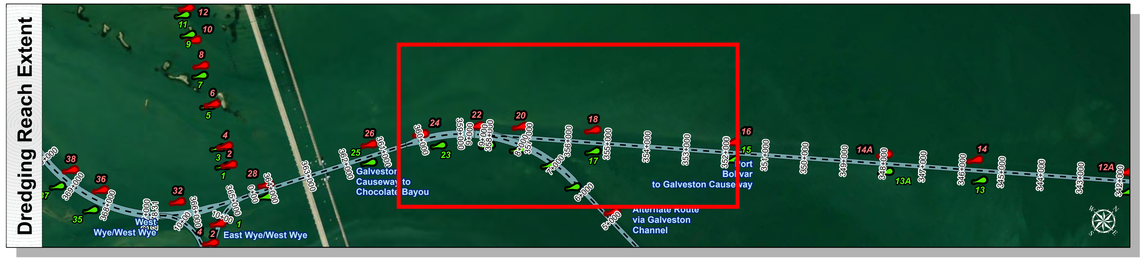
HYDROGRAPHIC SURVEY

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

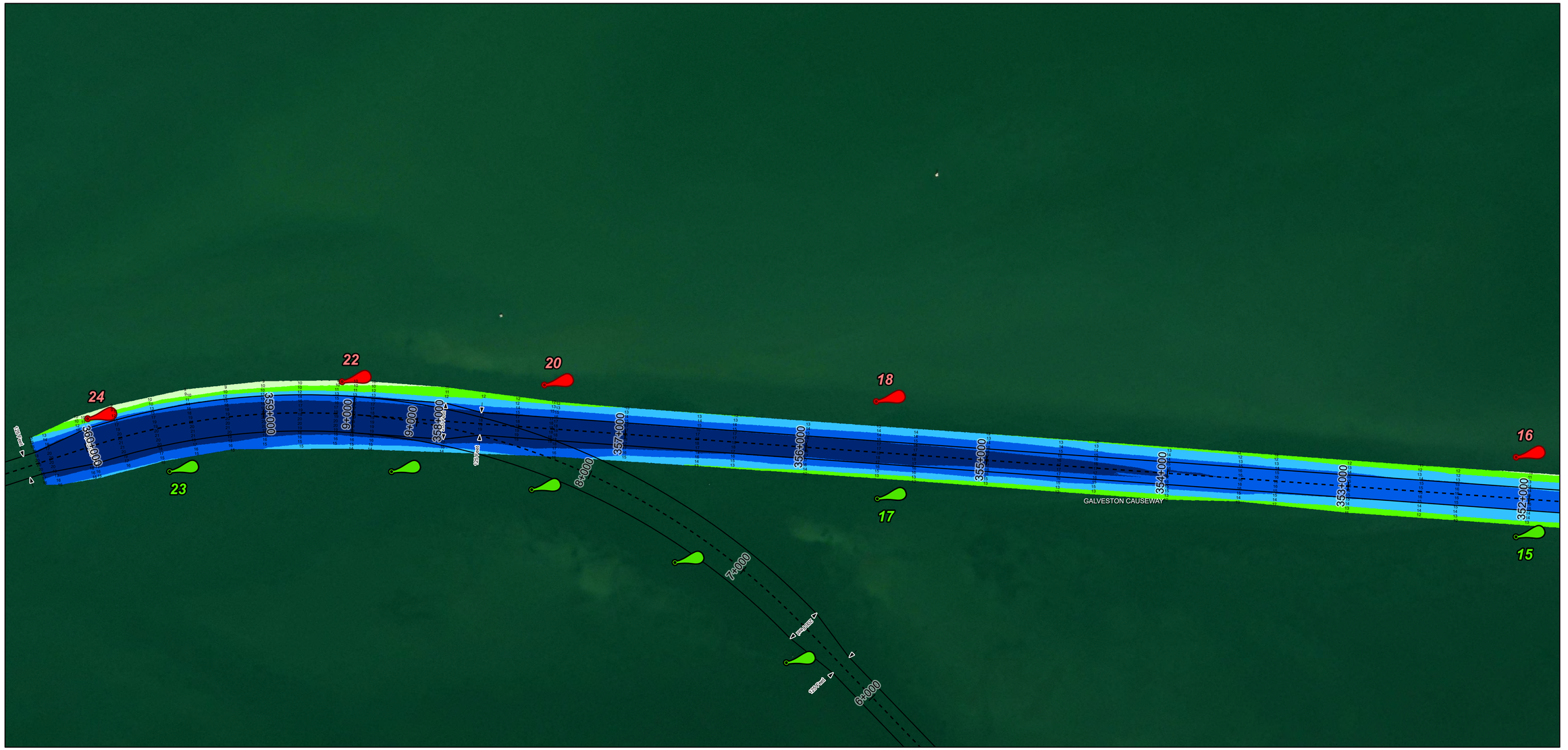
Station: 320+000 to 360+270.67
GIWW
Port Bolivar to Galveston Causeway

Gulf Intracoastal Waterway: Port Bolivar to Galveston Causeway





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 21 December 2023
Document Page: 5 of 5
Scale: 1:3,200
Mapped by: M3AOXPAC
Additional Imagery info:
Authorized Depth: -13ft.
Side Slope Ratio: (Rise : Run)
Website Index Number: 50
PDF Print Date: 2/1/2024

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

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 0.33 0.65 1.3 Miles

Hydrographic Survey Extent
0 275 550 1,100 Feet

HYDROGRAPHIC SURVEY

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

Station: 320+000 to 360+270.67
GIWW
Port Bolivar to Galveston Causeway