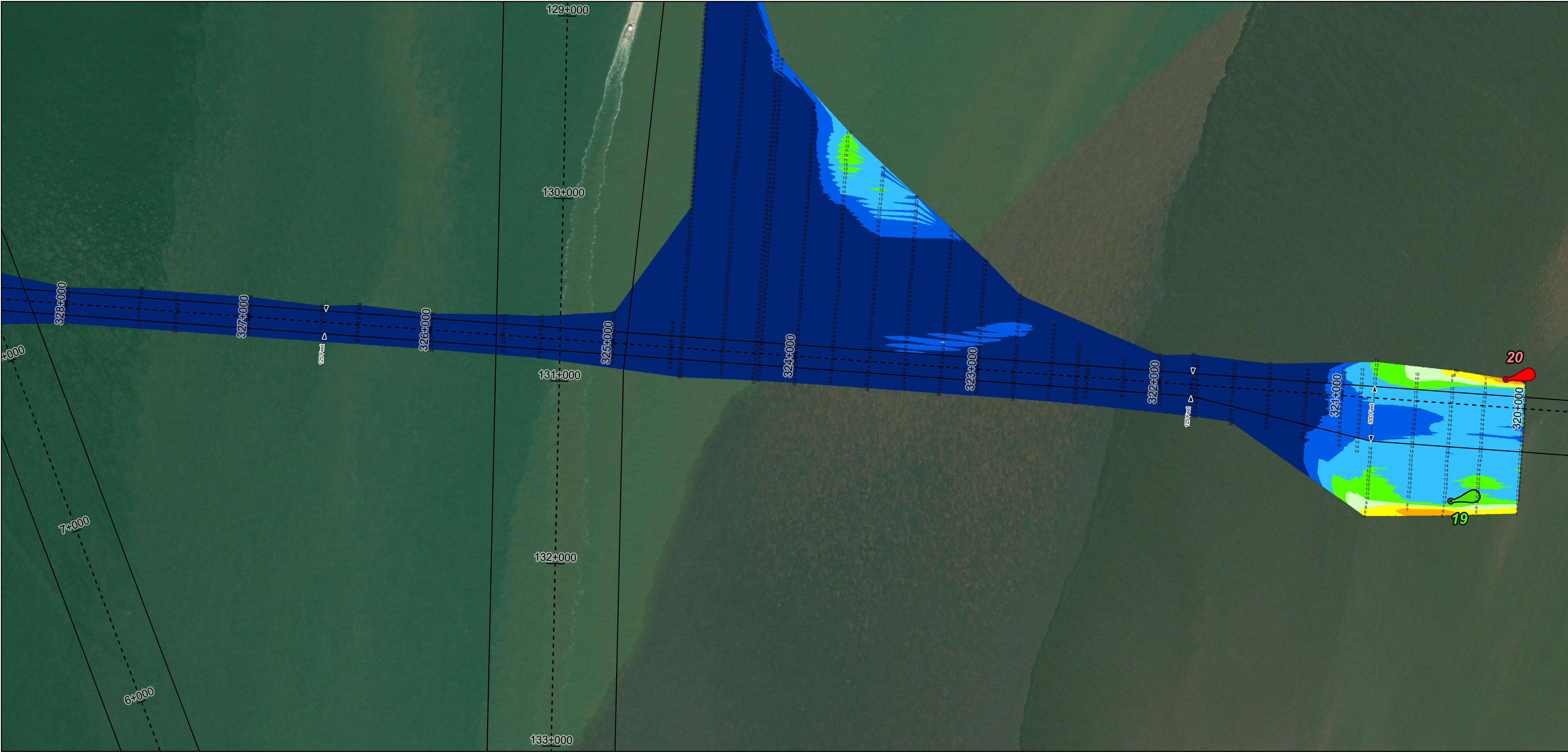
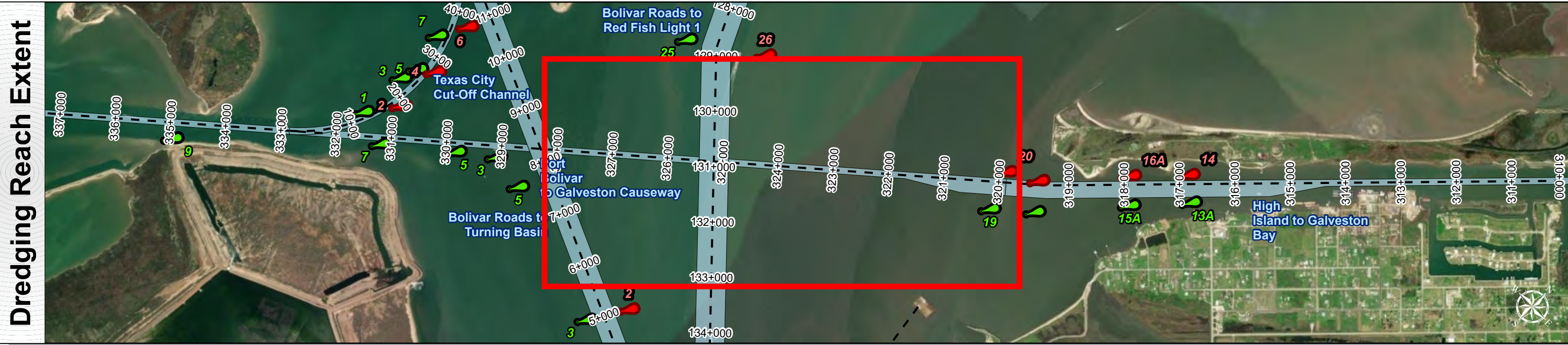


# Gulf Intracoastal Waterway: Port Bolivar to Galveston Causeway



U.S. Army Corps of Engineers  
Galveston District



**Channel Features**

- Channel Center Line
- Channel Toe
- Channel Dimensions

**Aids to Navigation**

- Green Side Aids
- Red Side Aids
- Lights

**MLLW**

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

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 111.101-111.102.  
4. The information depicted on this survey map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time. These conditions are subject to rapid change due to shoaling events. A prudent mariner should not rely exclusively on the information provided here. Required by 33 CFR 209.325.  
5. For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>  
Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, MET/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			

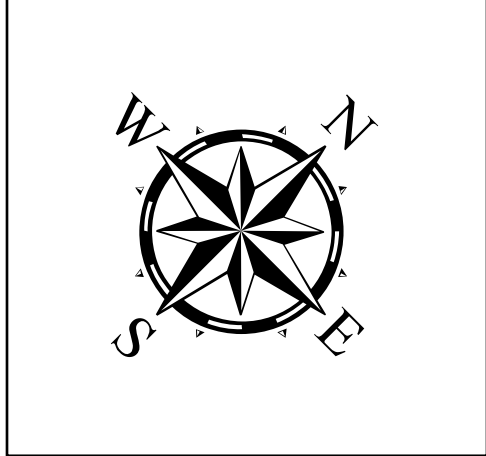
**Hydrographic Survey Extent**

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

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



**HYDROGRAPHIC SURVEY**  
U.S. Army Engineer District  
Corps of Engineers  
Galveston, Texas

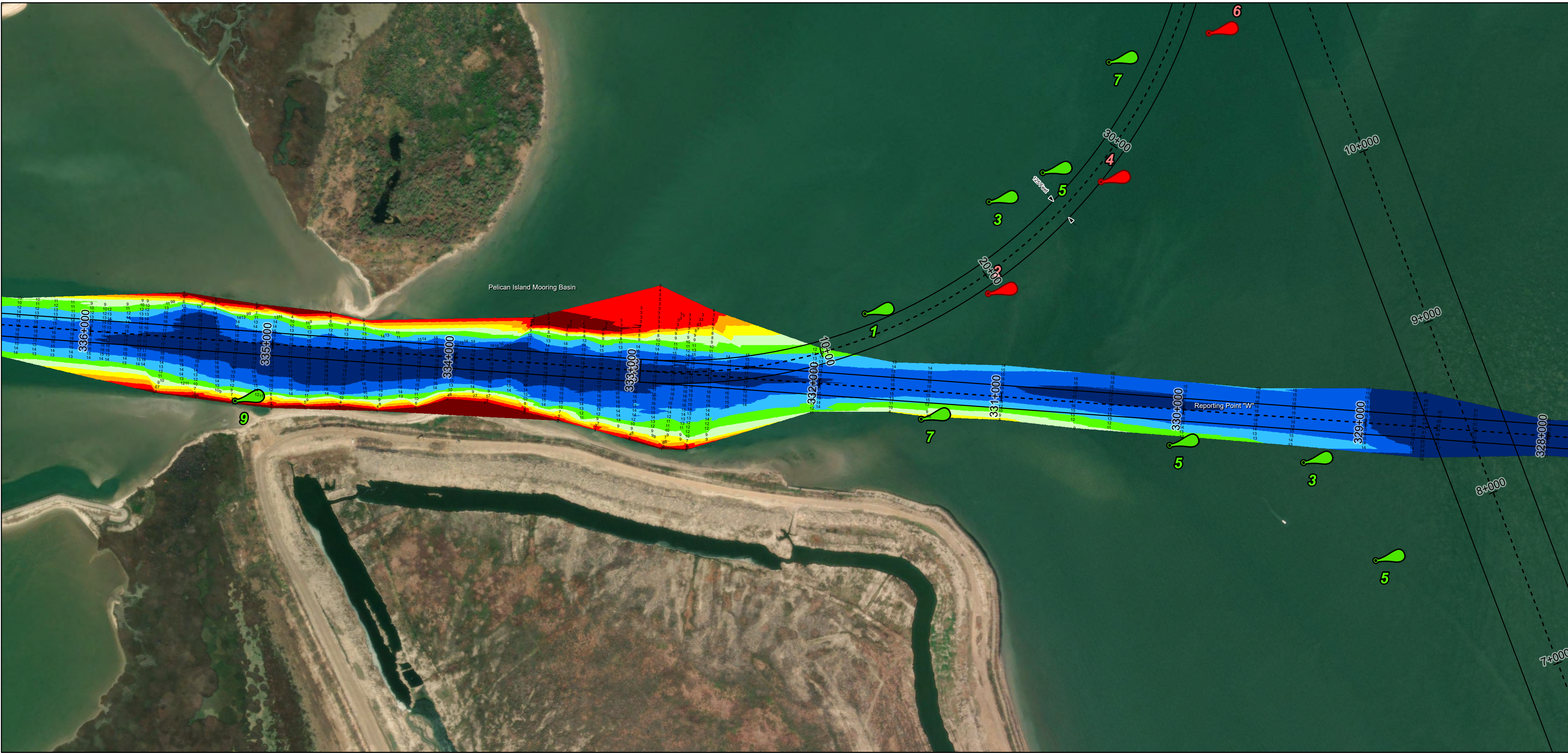
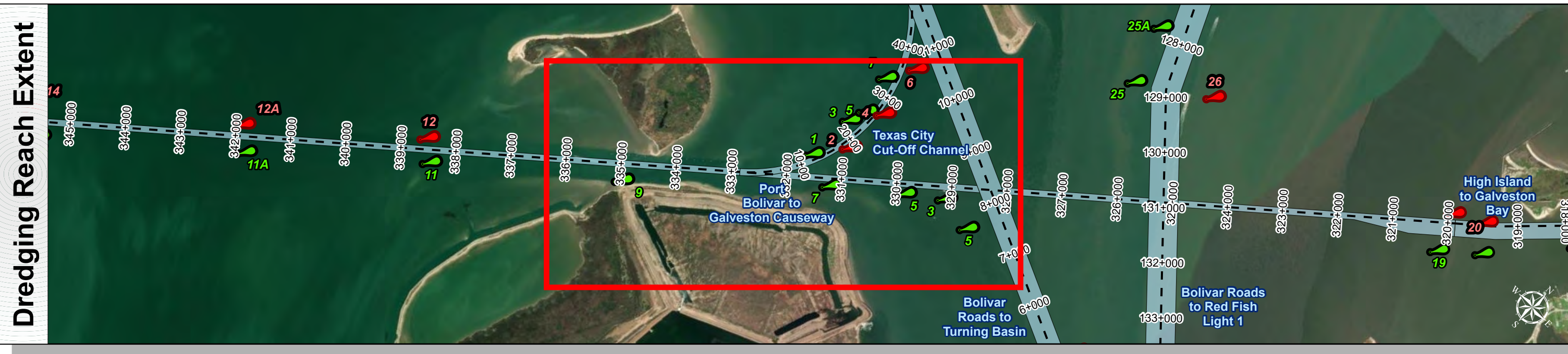
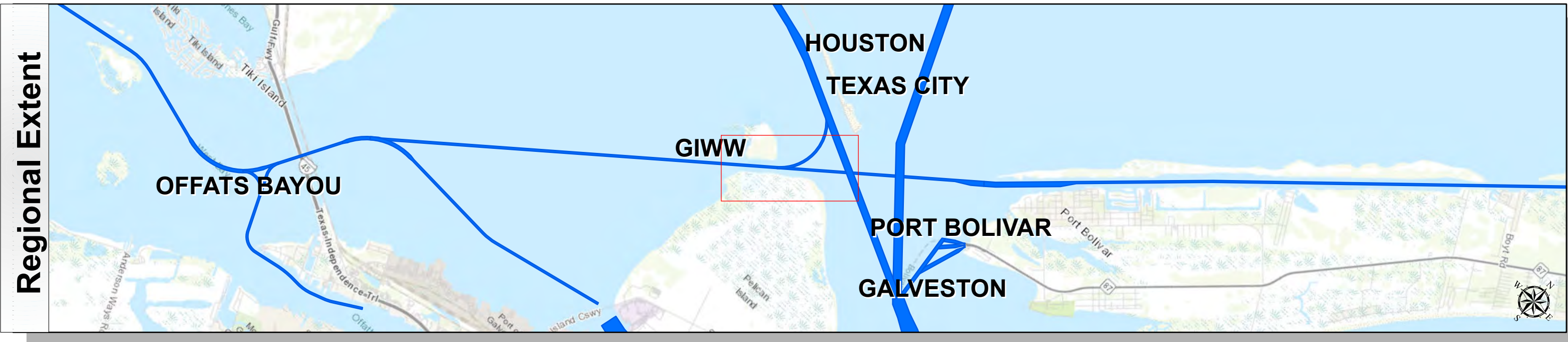
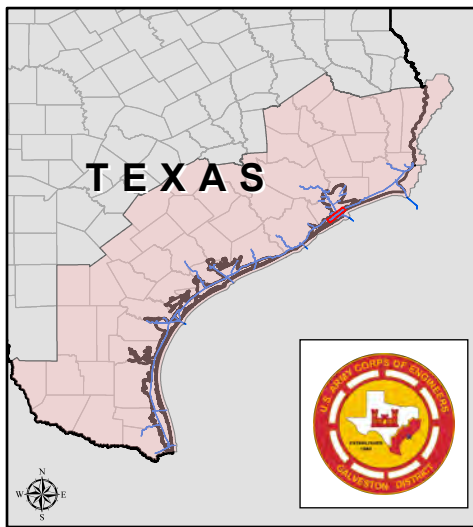
**Station:** 320+000 to 360+270.67  
GIWW  
Port Bolivar to Galveston Causeway



# Gulf Intracoastal Waterway: Port Bolivar to Galveston Causeway



U.S. Army Corps of Engineers  
Galveston District



**Channel Features**

- Channel Center Line
- Channel Toe
- Channel Dimensions

**Aids to Navigation**

- Green Side Aids
- Red Side Aids
- Lights

**MLLW**

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

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			

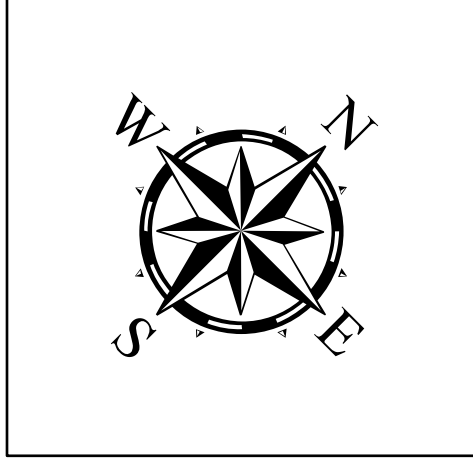
**Hydrographic Survey Extent**

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

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





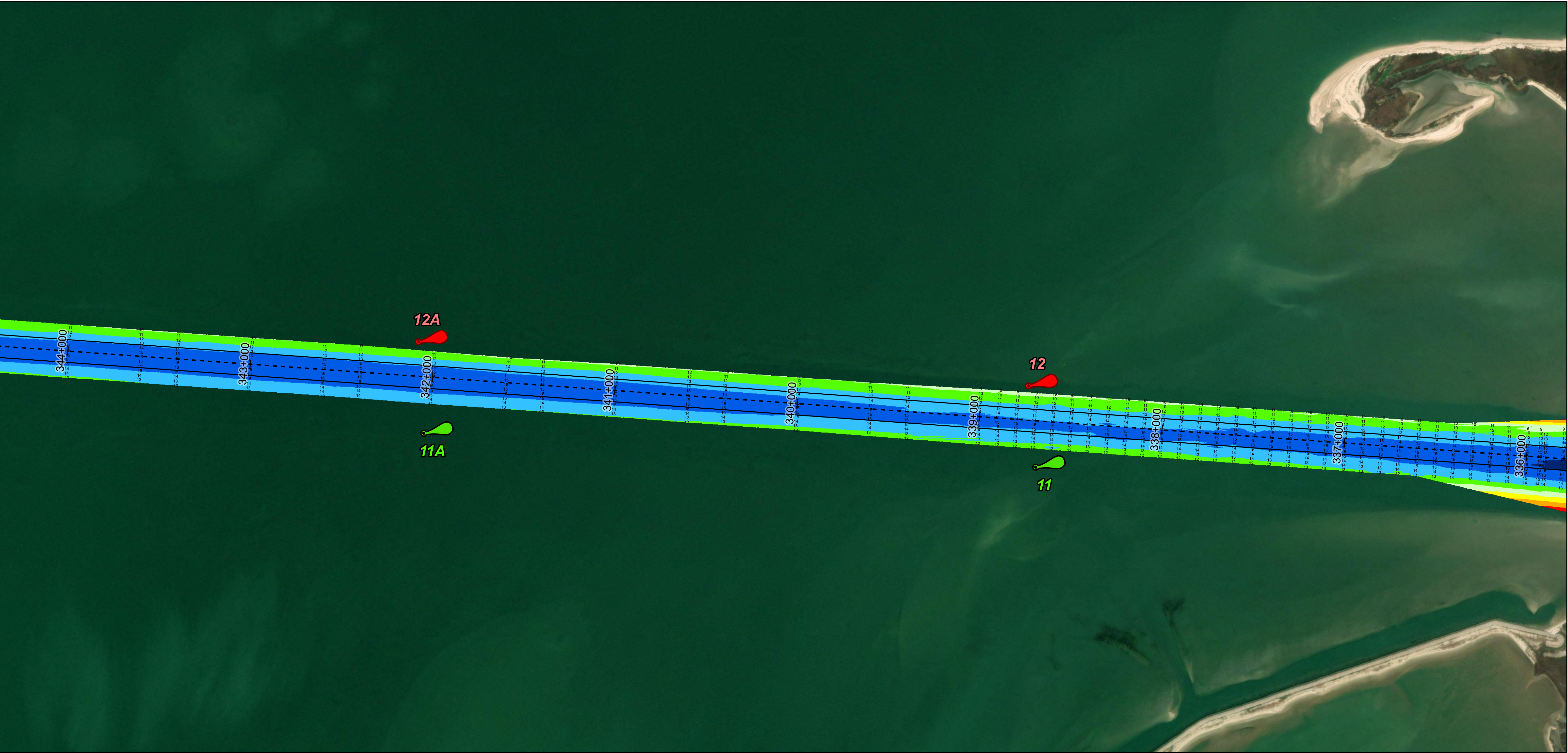
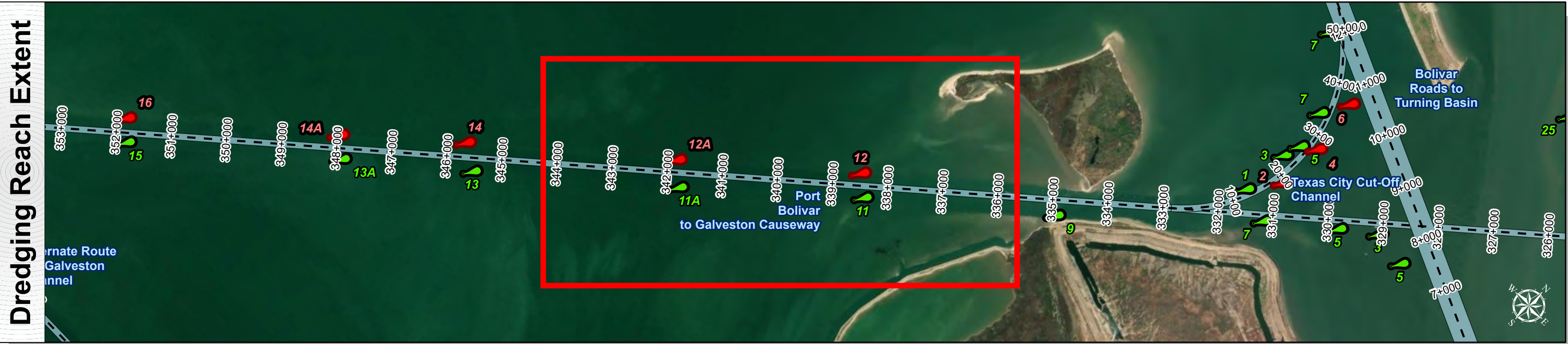
# Gulf Intracoastal Waterway: Port Bolivar to Galveston Causeway



U.S. Army Corps of Engineers  
Galveston District



Regional Extent



**Channel Features**

- Channel Center Line
- Channel Toe
- Channel Dimensions

**Aids to Navigation**

- Green Side Aids
- Red Side Aids
- Lights

**MLLW**

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

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 111.05-61.02.  
4. The information depicted on this survey map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time. These conditions are subject to rapid change due to shoaling events. A prudent mariner should not rely exclusively on the information provided here. Required by 33 CFR 209.325.  
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NOAA, EPA, USDA  
World Imagery: Maxar

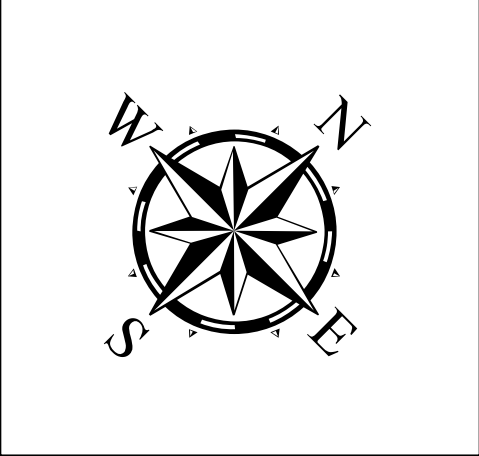
Additional Combined Survey Dates and Stationing:  
COMB\_SURV\_INFO\_HERE

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

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



**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



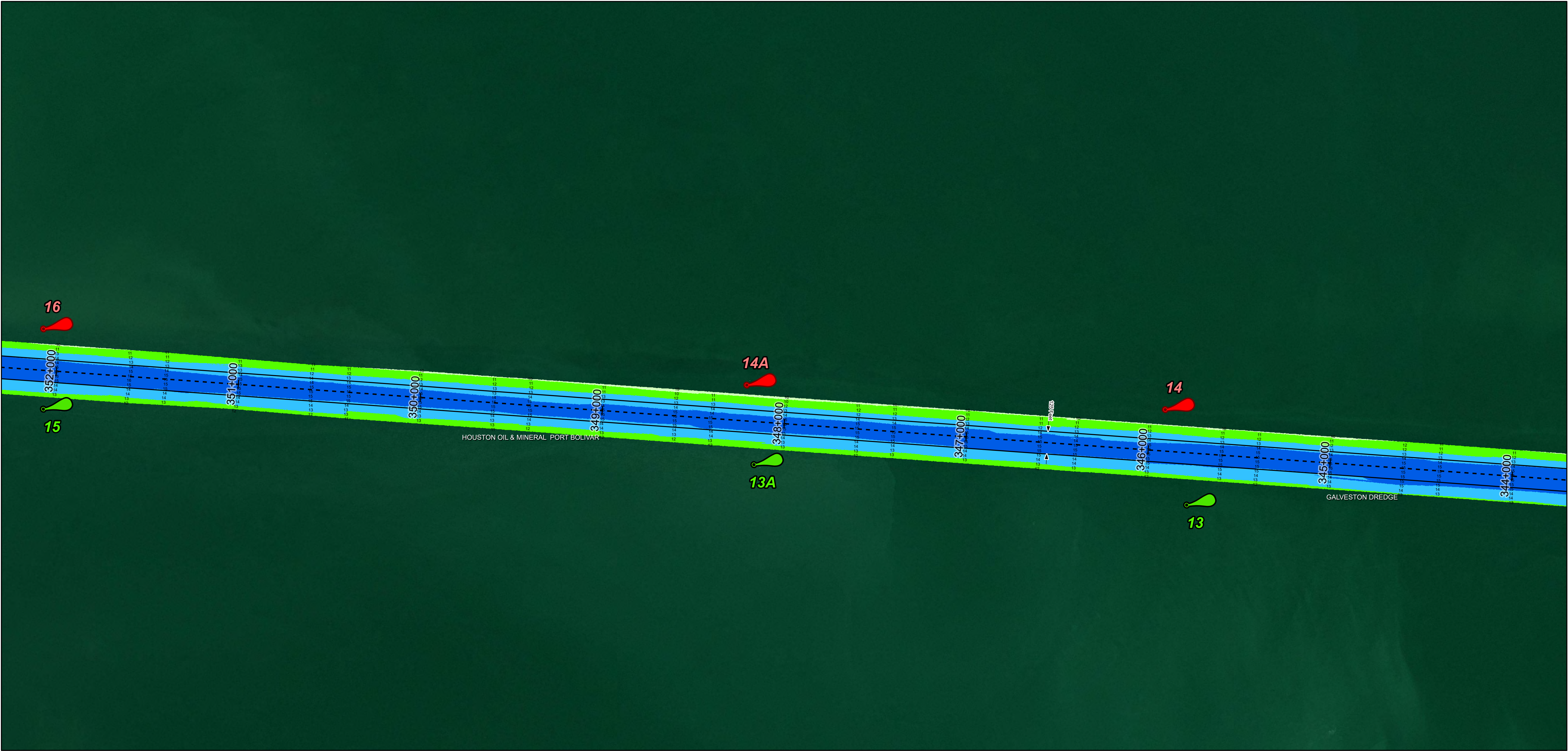
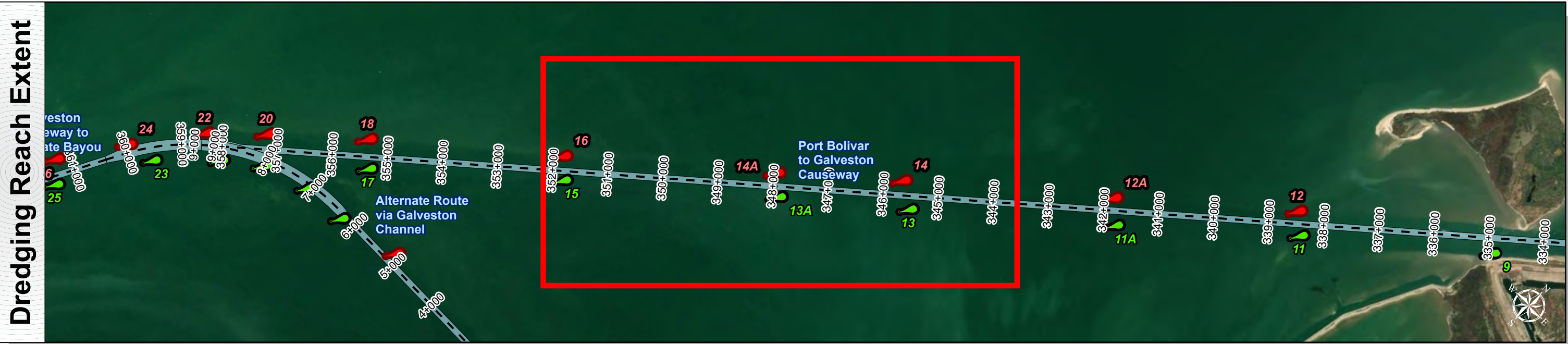
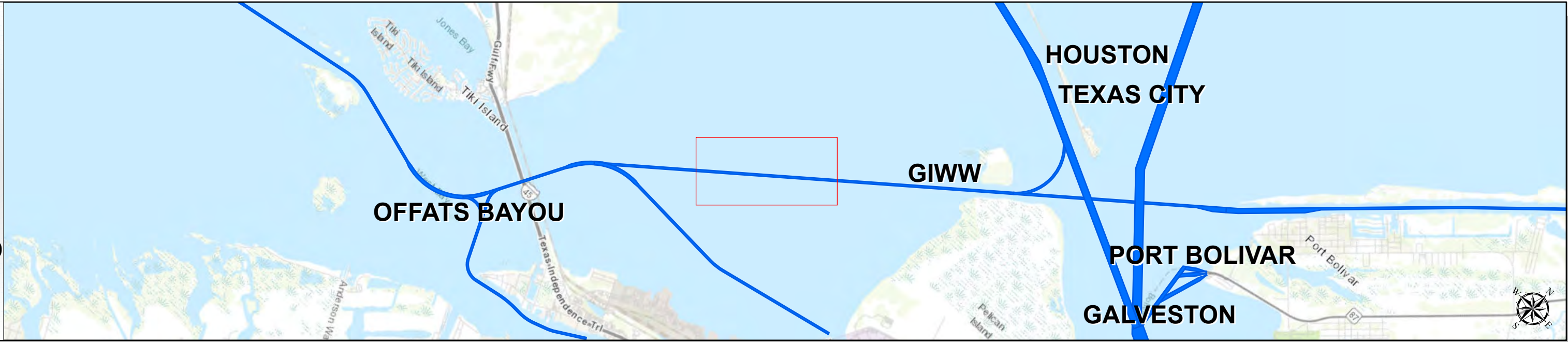
# Gulf Intracoastal Waterway: Port Bolivar to Galveston Causeway



U.S. Army Corps of Engineers  
Galveston District



Regional Extent



## Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

## Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

## MLLW

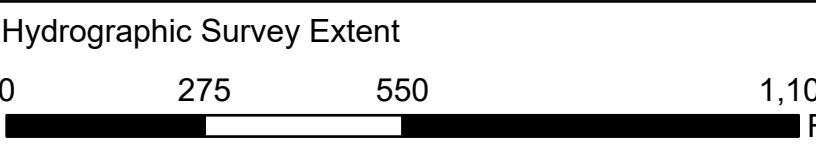
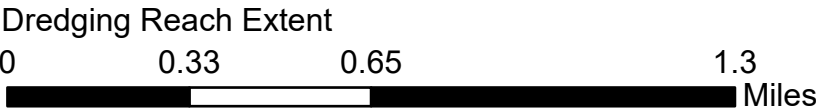


## NOTES:

- Horizontal coordinates are referenced to Texas state plane coordinate system, south 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 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



## 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



Latest Survey Collection Date: 21 December 2023  
Document Page: 4 of 5  
Scale: 1:3,200  
Mapped by: M3AOXPAC  
Additional Imagery info:

Authorized Depth: -13ft.

Side Slope Ratio: (Rise : Run)

PDF Print Date: 2/1/2024

Website Index Number: 49



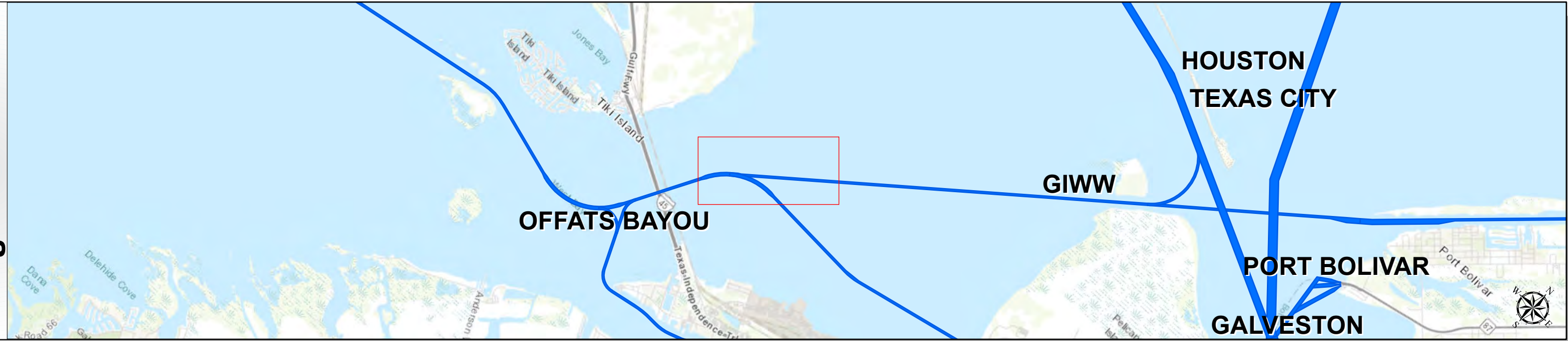
# Gulf Intracoastal Waterway: Port Bolivar to Galveston Causeway



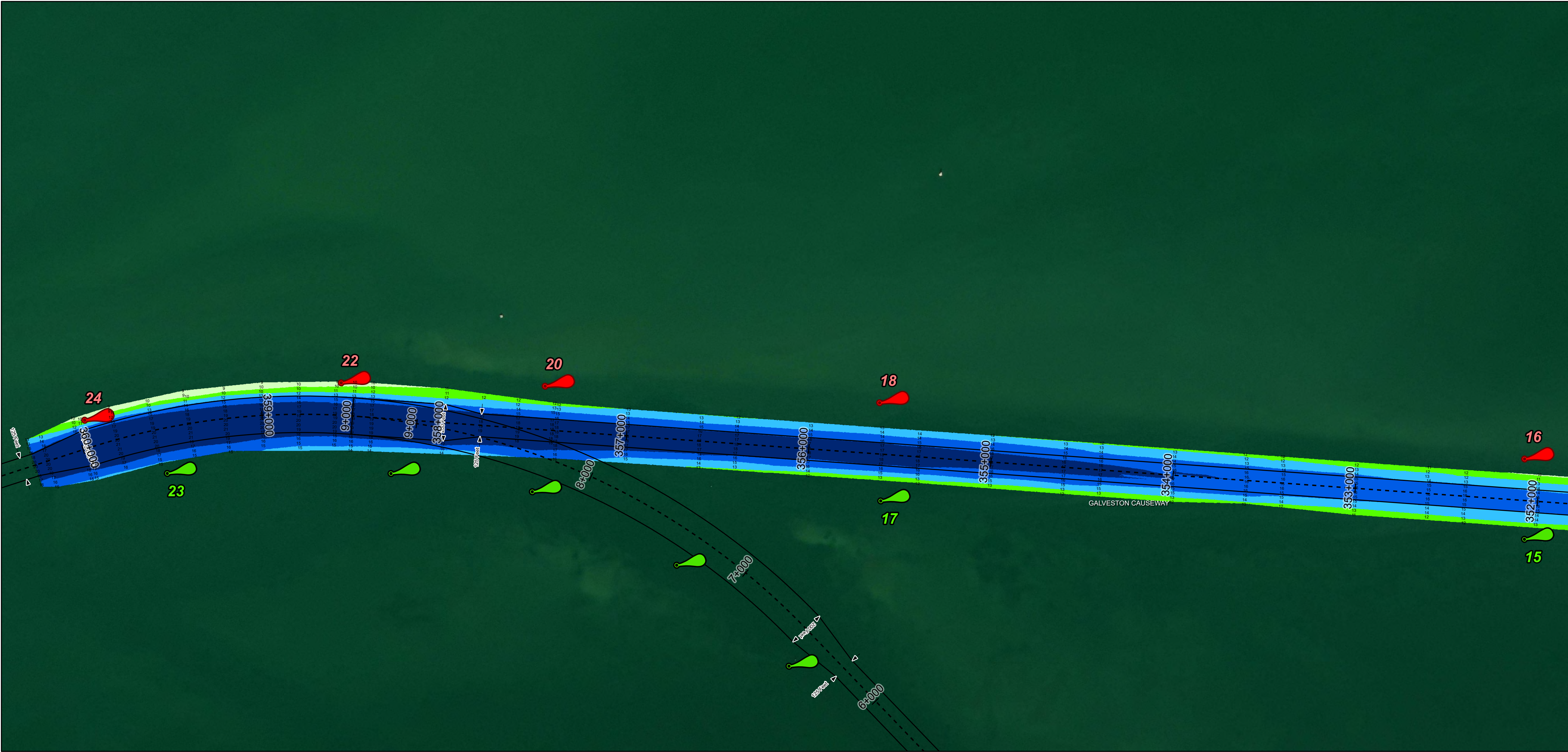
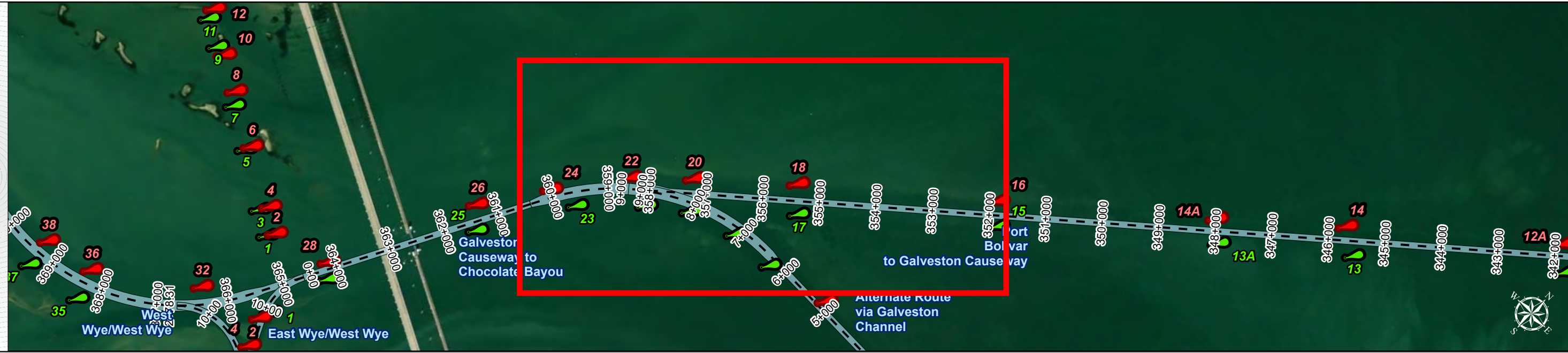
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

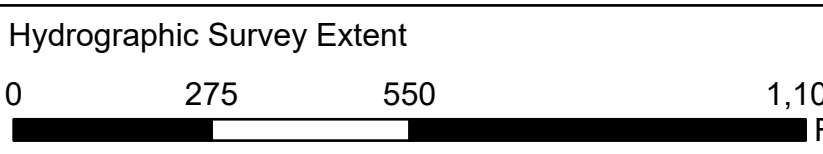
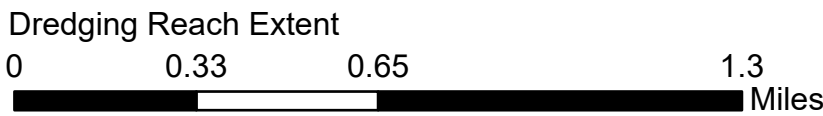


NOTES:

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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



**HYDROGRAPHIC SURVEY**

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

Station: 3220+00 to 360+270.67

GIWW

Port Bolivar to Galveston Causeway



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

21

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