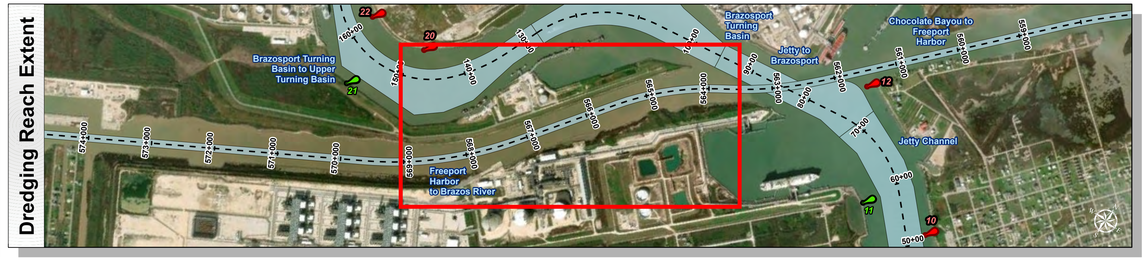
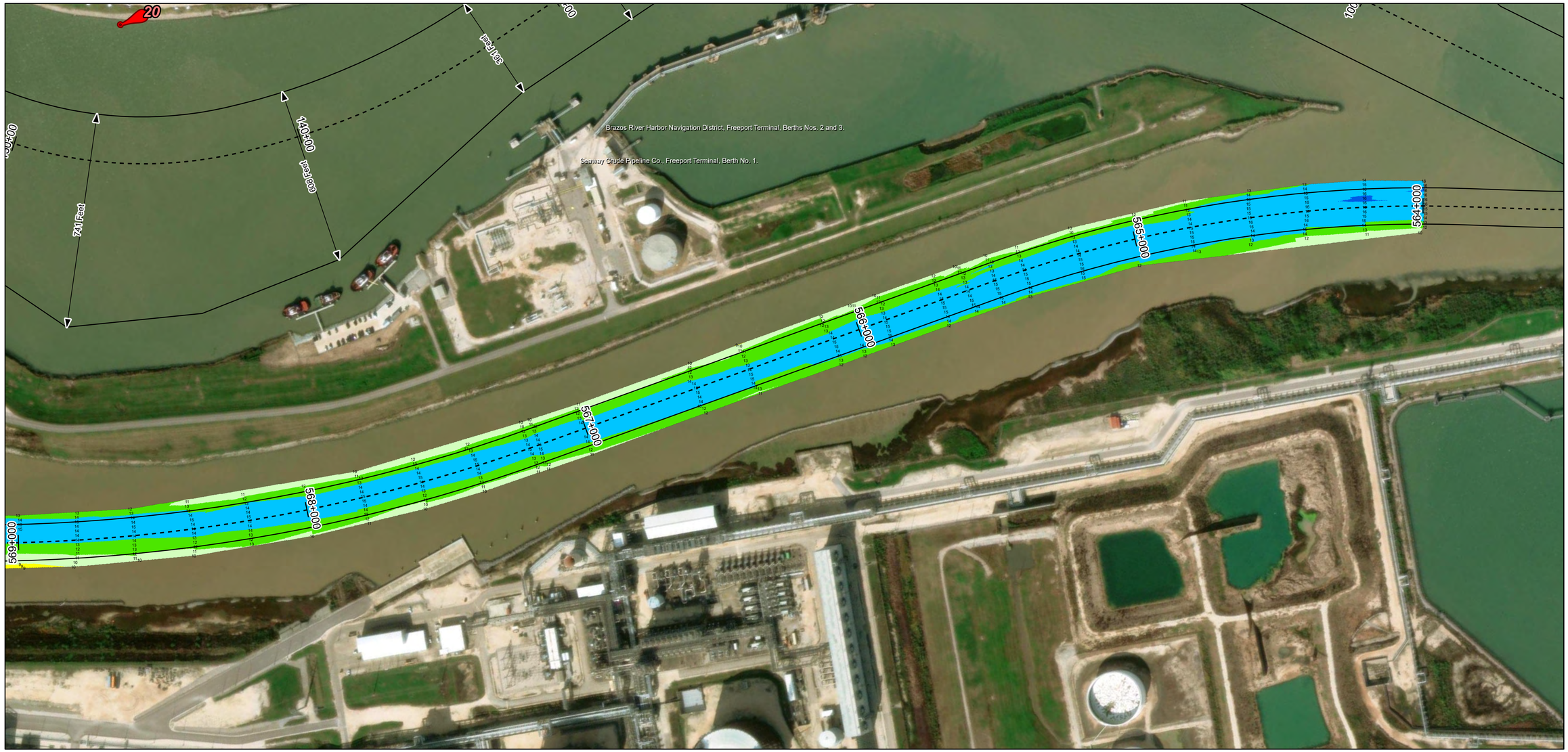
Gulf Intracoastal Waterway: Freeport Harbor to Brazos River



U.S. Army Corps of Engineers
Galveston District



Authorized Depth: -14ft.	
Side Slope Ratio: (Rise : Run)	
PDF Print Date: 3/28/2023	
Latest Survey Collection Date: 24 March 2023	
Website Index Number: 80	
Document Page:1 of 6	
Scale: 1:2,000	
Mapped by: M3AOXPAC	
Additional Imagery info:	

N W E S

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

Station: 564+000 to 590+930.03
GIWW
Freeport Harbor to Brazos River

Channel Features
- Channel Center Line
- Channel Toe
- Channel Station Lines
- 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:
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.
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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 Ocean Base: Esri, GEBCO, DeLorme, NaturalVue
World_Imagery: Maxar, Microsoft
World Topographic Map: Brazoria County, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar

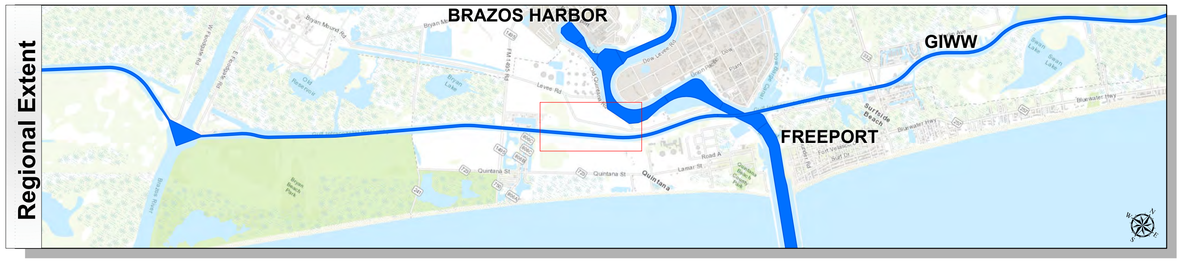
Additional Combined Survey Dates and Stationing:
Combinded survey dates 20230307_PR_564P000_586P230; 20230324_PR_586P000_590P930

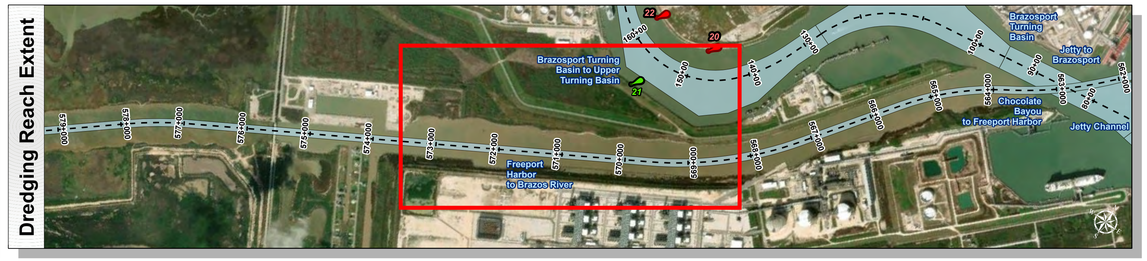
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.2 0.4 0.8 Miles

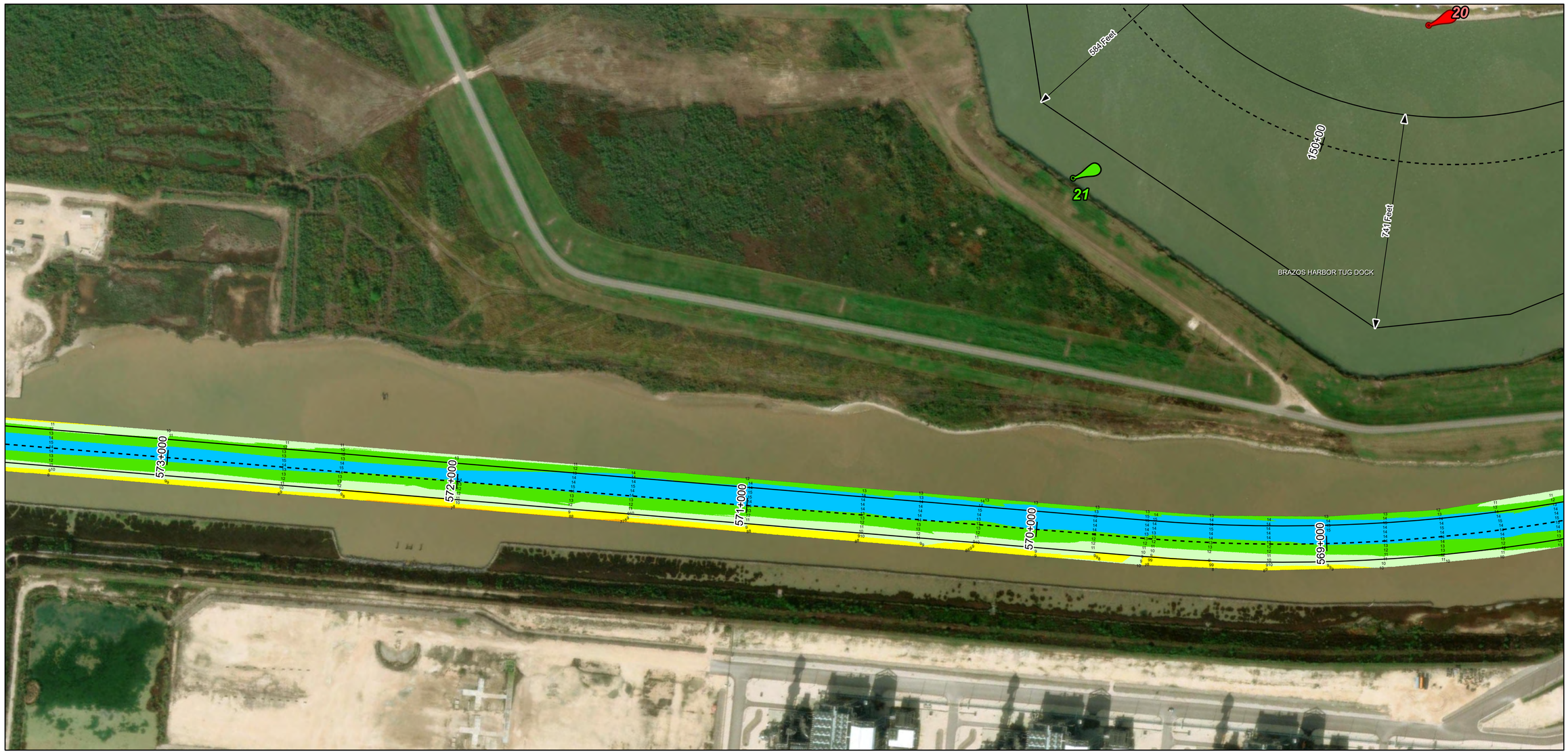
Hydrographic Survey Extent
0 170 340 680 Feet

Gulf Intracoastal Waterway: Freeport Harbor to Brazos River





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	24 March 2023
Authorized Depth:	-14ft.
Side Slope Ratio:	(Rise : Run)
Website Index Number:	81
Document Page:	2 of 6
PDF Print Date:	3/28/2023
Scale:	1:2,000
Mapped by:	M3AOXPAC
Additional Imagery info:	

Channel Features
- Channel Center Line
- Channel Toe
- Channel Station Lines
- 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:
1. Horizontal coordinates are referenced to texas state plane coordinate system, south central zone nad83 us survey feet.
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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.
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Service Layer Credits: World Ocean Base: Esri, GEBCO, DeLorme, NaturalVue
World_Imagery: Maxar, Microsoft
World Topographic Map: Brazoria County, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:
Combinded survey dates 20230307_PR_564P000_586P230; 20230324_PR_586P000_590P930

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

Dredging Reach Extent
0 0.2 0.4 0.8 Miles

Hydrographic Survey Extent
0 170 340 680 Feet

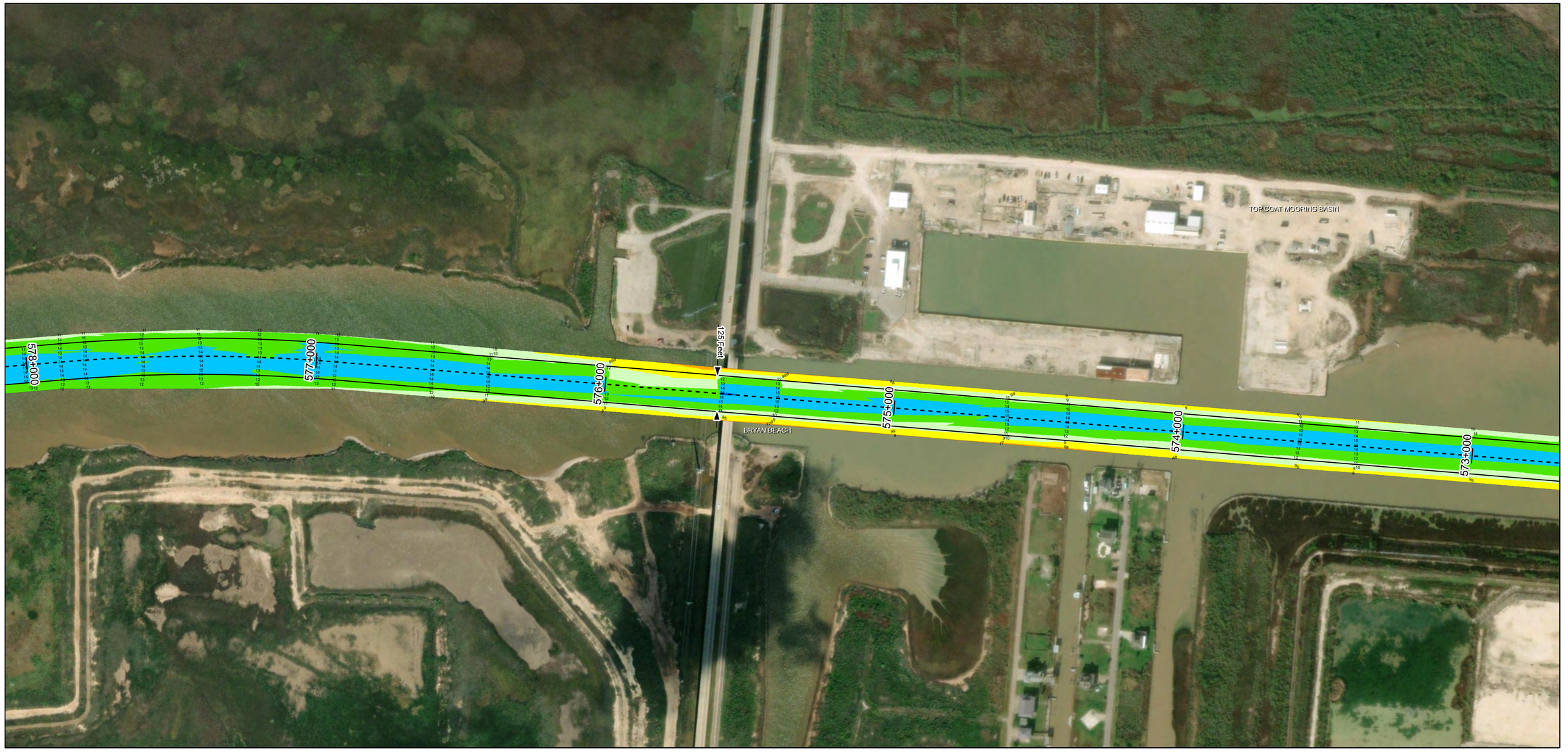
HYDROGRAPHIC SURVEY

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

Station: 564+000 to 590+930.03
GIWW
Freeport Harbor to Brazos River

Gulf Intracoastal Waterway: Freeport Harbor to Brazos River

U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	24 March 2023
Authorized Depth:	-14ft.
Document Page:	3 of 6
Website Index Number:	82
Scale:	1:2,000
PDF Print Date:	3/28/2023
Mapped by:	M3AOXPAC
Additional Imagery info:	

Channel Features
- Channel Center Line
- Channel Toe
- Channel Station Lines
- 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:
1. Horizontal coordinates are referenced to texas state plane coordinate system, south central zone nad83 us survey feet.
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World_Imagery: Maxar, Microsoft
World Topographic Map: Brazoria County, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:
Combinded survey dates 20230307_PR_564P000_586P230; 20230324_PR_586P000_590P930

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

Dredging Reach Extent
0 0.2 0.4 0.8 Miles

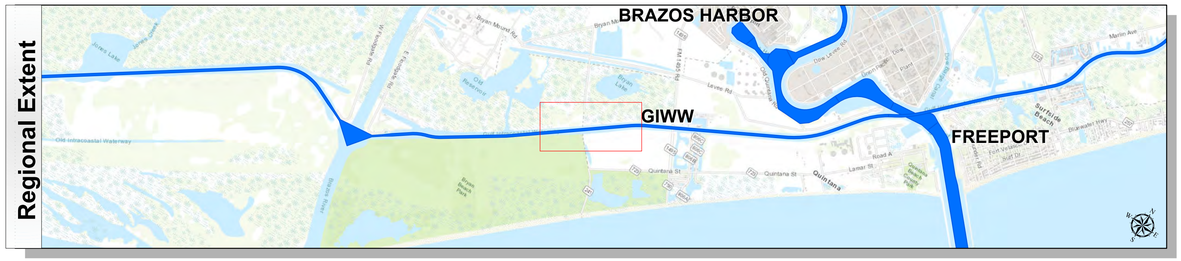
Hydrographic Survey Extent
0 170 340 680 Feet

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

Station: 564+000 to 590+930.03
GIWW
Freeport Harbor to Brazos River

Gulf Intracoastal Waterway: Freeport Harbor to Brazos River

U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 24 March 2023
Document Page: 4 of 6
Scale: 1:2,000
Mapped by: M3AOXPAC
Additional Imagery info:

Authorized Depth: -14ft.
Side Slope Ratio: (Rise : Run)
Website Index Number: 83
PDF Print Date: 3/28/2023

Channel Features
- Channel Center Line
- Channel Toe
- Channel Station Lines
- 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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World_Imagery: Maxar, Microsoft
World Topographic Map: Brazoria County, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:
Combinded survey dates 20230307_PR_564P000_586P230; 20230324_PR_586P000_590P930

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

Dredging Reach Extent
0 0.2 0.4 0.8 Miles

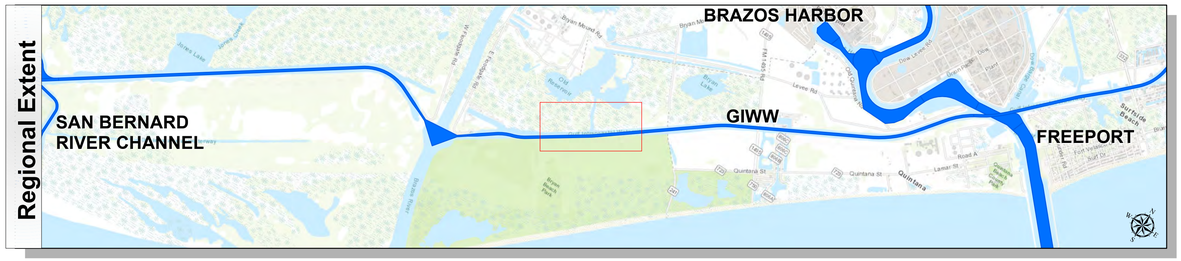
Hydrographic Survey Extent
0 170 340 680 Feet

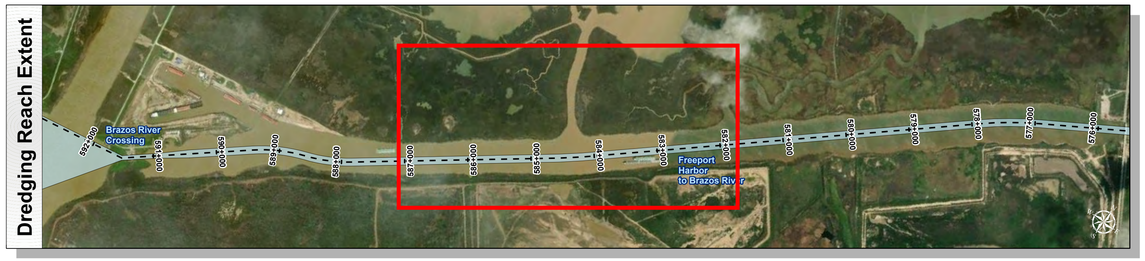
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

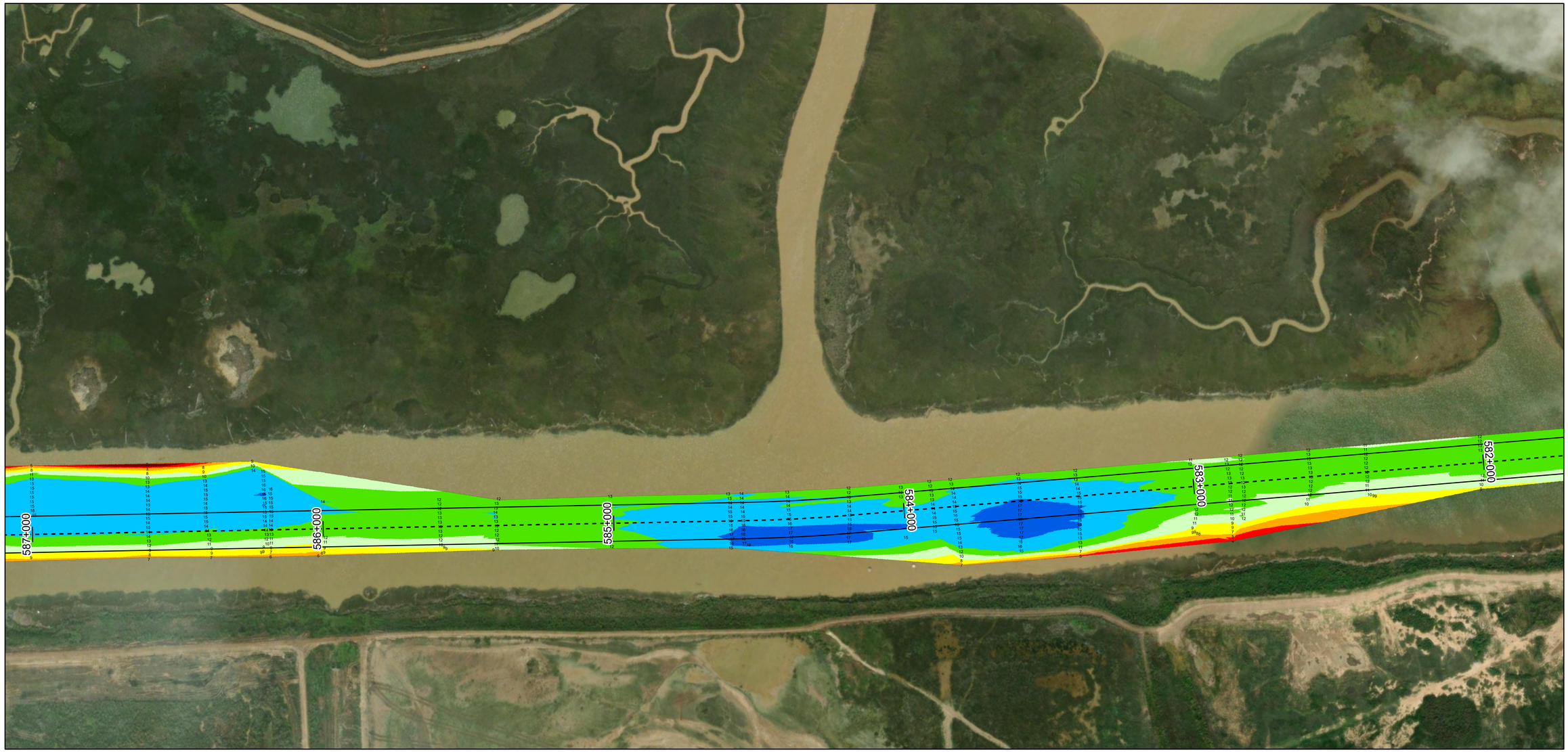
Station: 564+000 to 590+930.03
GIWW
Freeport Harbor to Brazos River

Gulf Intracoastal Waterway: Freeport Harbor to Brazos River

U.S. Army Corps of Engineers
Galveston District







Latest Survey Collection Date: 24 March 2023
Authorized Depth: -14ft.
Website Index Number: 84
Side Slope Ratio: (Rise : Run)
Document Page:5 of 6
PDF Print Date: 3/28/2023
Scale: 1:2,000
Mapped by: M3AOXPAC
Additional Imagery info:

Channel Features
- Channel Center Line
- Channel Toe
- Channel Station Lines
- 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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World_Imagery: Maxar, Microsoft
World Topographic Map: Brazoria County, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar

Additional Combined Survey Dates and Stationing:
Combinded survey dates 20230307_PR_564P000_586P230; 20230324_PR_586P000_590P930

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 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

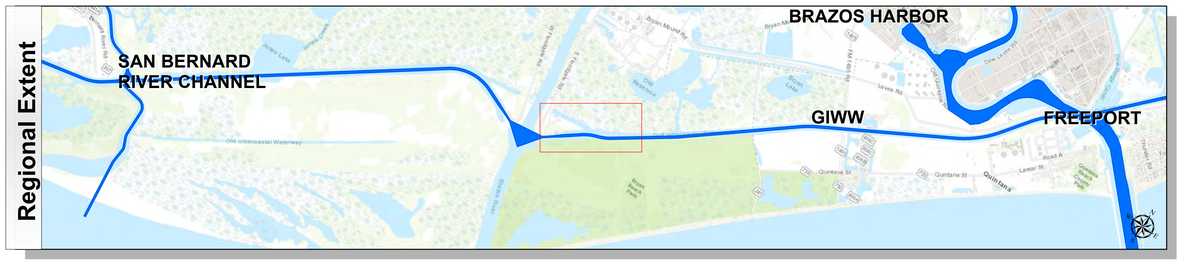
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

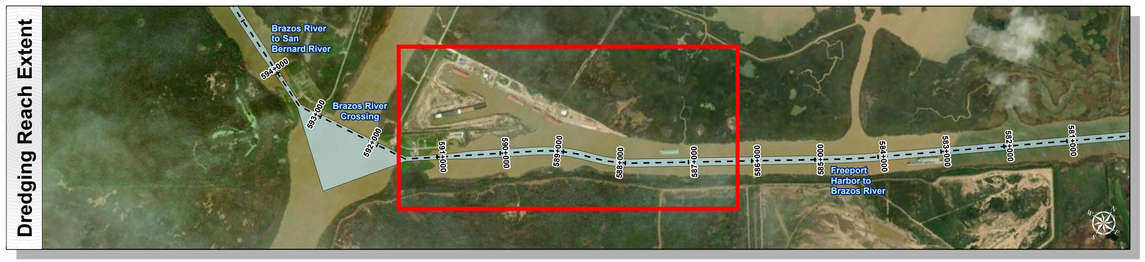
Station: 564+000 to 590+930.03
GIWW

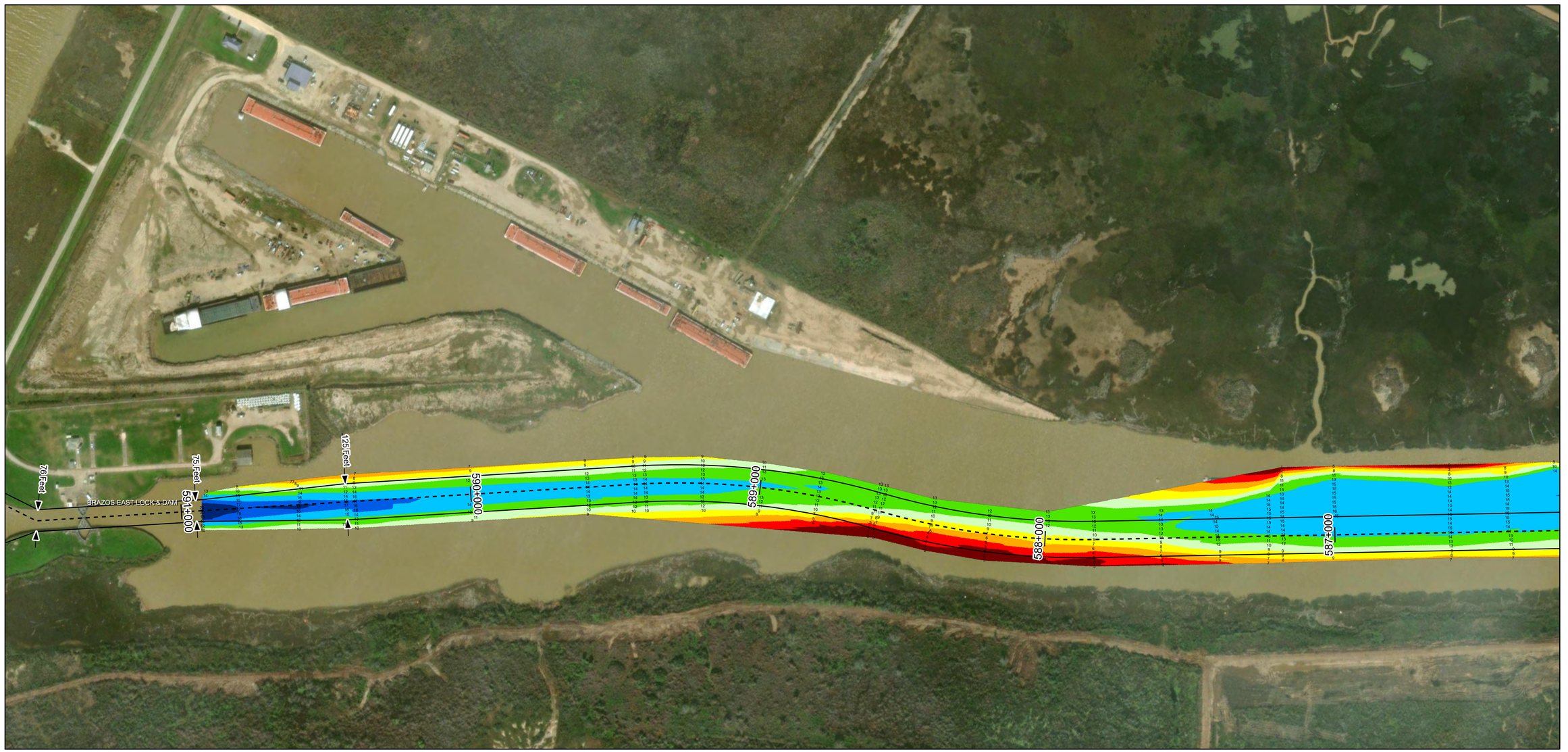
Freeport Harbor to Brazos River

Gulf Intracoastal Waterway: Freeport Harbor to Brazos River

U.S. Army Corps of Engineers
Galveston District







Latest Survey Collection Date:	24 March 2023
Document Page:	6 of 6
Scale:	1:2,000
Mapped by:	M3AOXPAC
Additional Imagery info:	
Authorized Depth:	-14ft.
Side Slope Ratio:	(Rise : Run)
Website Index Number:	85
PDF Print Date:	3/28/2023

Channel Features
- Channel Center Line
- Channel Toe
- Channel Station Lines
- 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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Combinded survey dates 20230307_PR_564P000_586P230; 20230324_PR_586P000_590P930

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 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: 564+000 to 590+930.03
GIWW
Freeport Harbor to Brazos River