

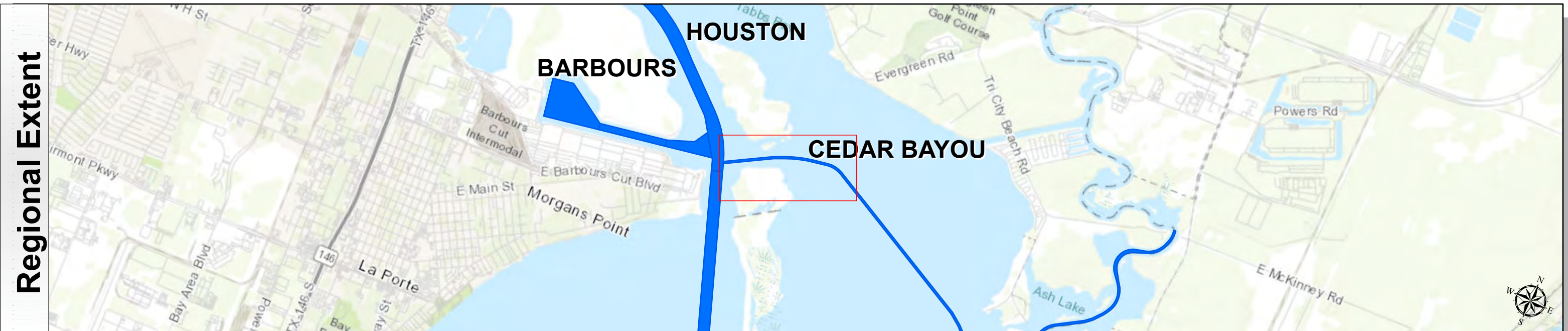
Cedar Bayou: Houston Ship Channel to U.S. Steel Dock



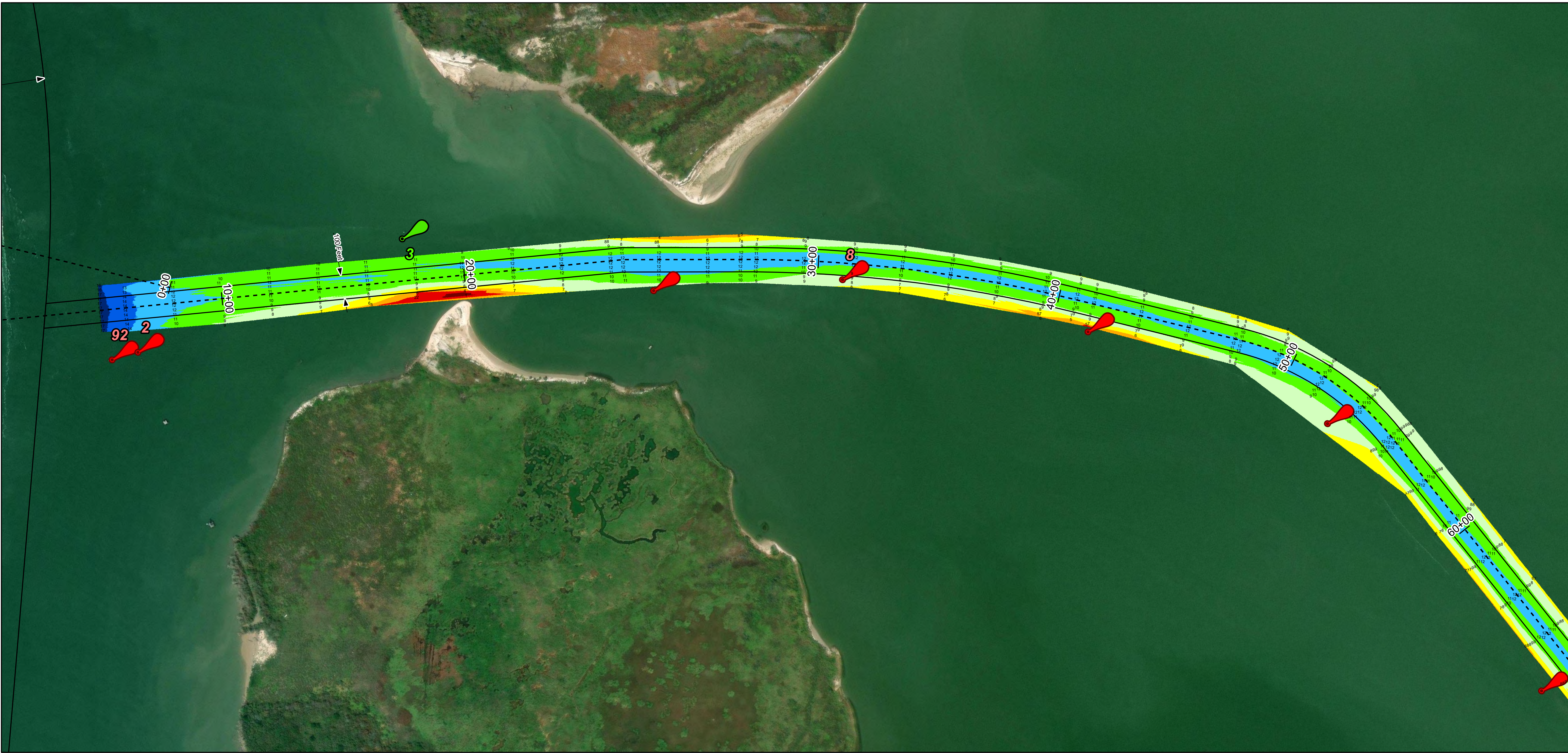
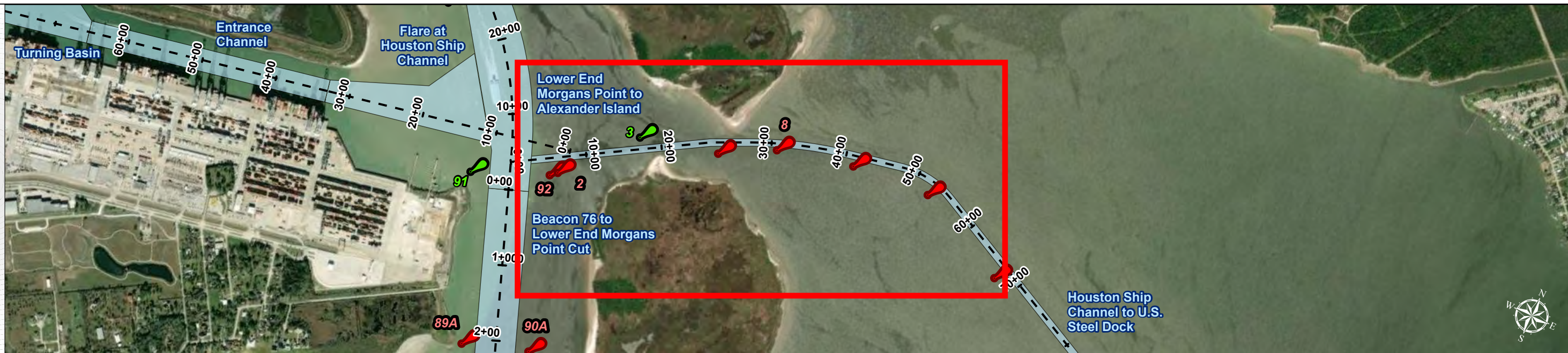
U.S. Army Corps of Engineers
Galveston District



Regional Extent



Dredging Reach Extent



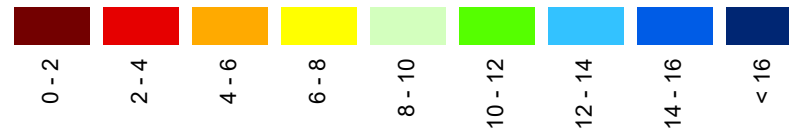
Channel Features

- Channel Center Line
- Channel Toe
- Channel Station Lines
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

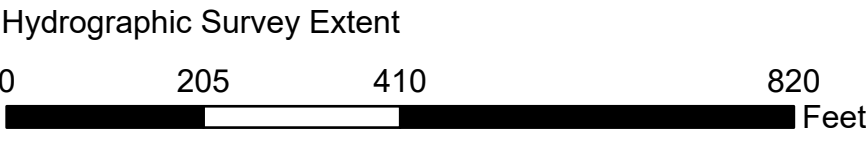
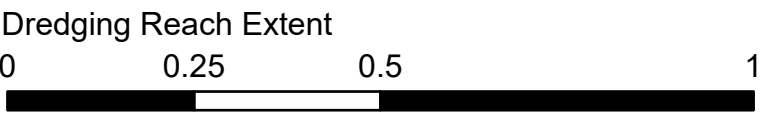
MLLW



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 Imagery: Maxar, Microsoft
World Topographic Map: City of Houston, HPB, 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:
Combined survey dates 20230531_CS; 20231128_CS_4P99_284P00

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

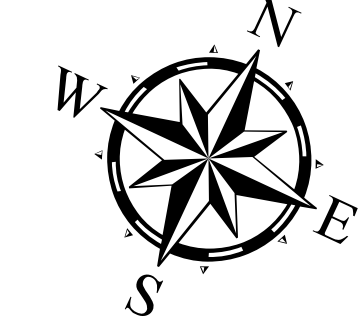


HYDROGRAPHIC SURVEY

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

Station: -3+00 to 301+56
CEDAR BAYOU

Houston Ship Channel to U.S. Steel Dock



Latest Survey Collection Date: 28 November 2023

Document Page: 1 of 5

Scale: 1"=2,400'

Mapped by: M3AOXPAC

Additional Imagery info:

Authorized Depth: -12ft.

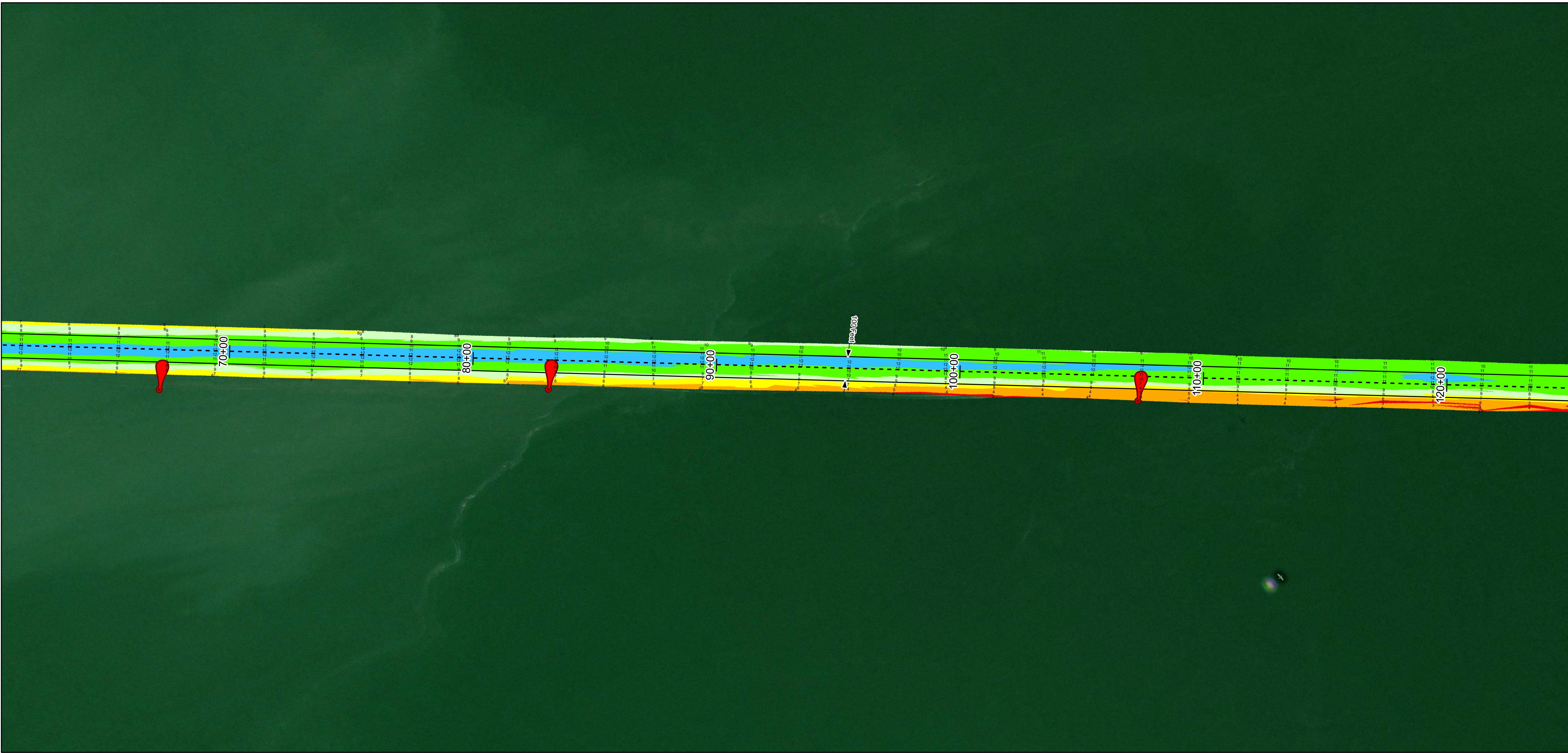
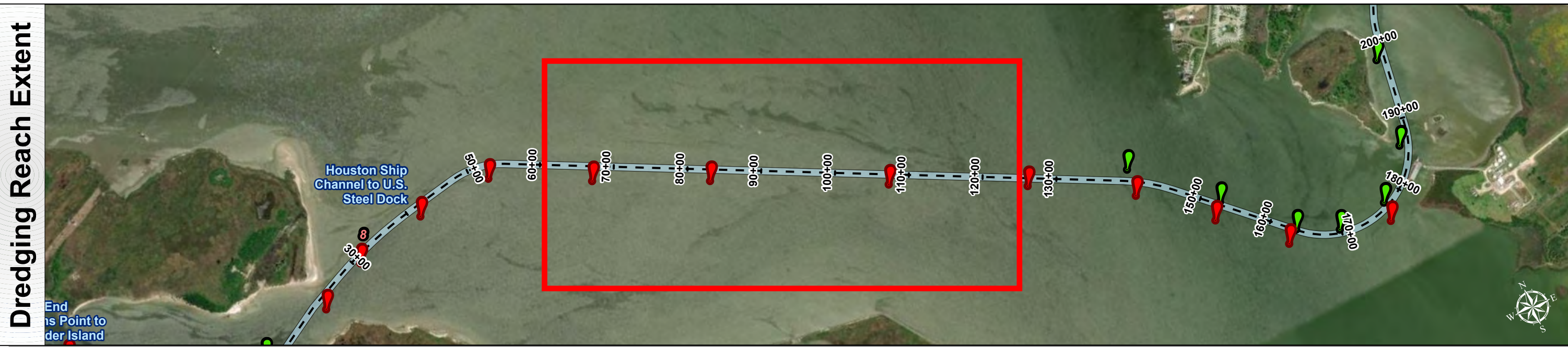
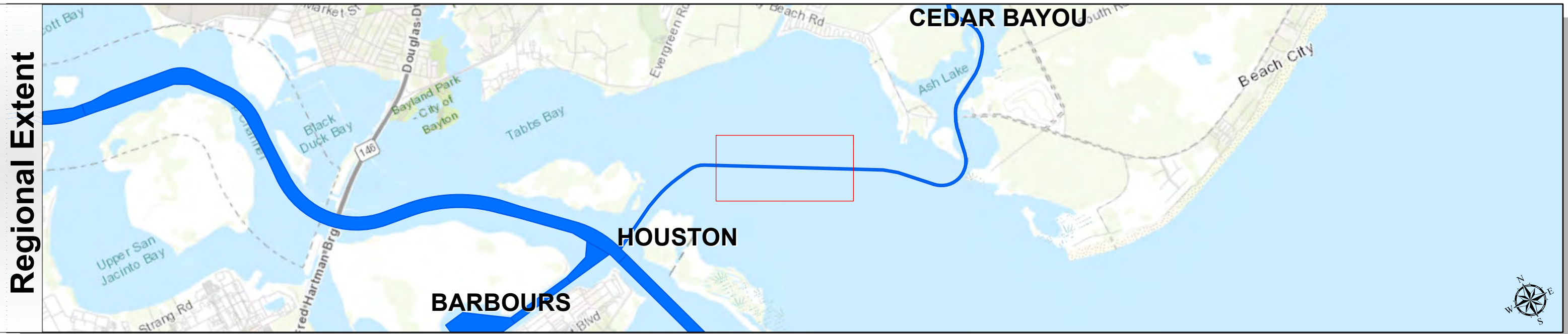
Side Slope Ratio: (Rise : Run)

PDF Print Date: 12/13/2023

Cedar Bayou: Houston Ship Channel to U.S. Steel Dock



U.S. Army Corps of Engineers
Galveston District



Channel Features

- Channel Center Line
- Channel Toe
- Channel Station Lines
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	< 16
Dark Blue	Blue	Light Blue	Green	Yellow	Orange	Red	Dark Red	Black

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 111.11-111.12.
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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 Imagery: Maxar, Microsoft
World Topographic Map: City of Houston, HPB, 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:

Combined survey dates 20230531_CS; 20231128_CS_4P99_284P00

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

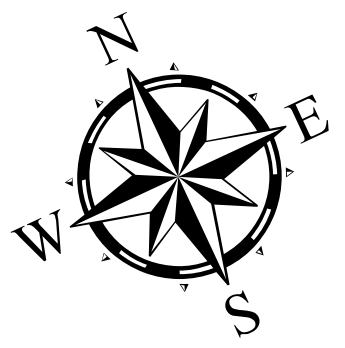
Dredging Reach Extent

0 0.25 0.5 1 Miles

Hydrographic Survey Extent

0 205 410 820 Feet

Latest Survey Collection Date: 28 November 2023		Authorized Depth: -12ft.
Document Page: 2 of 5	Website Index Number: 2	Side Slope Ratio: (Rise : Run)
Scale: 1"=2,400'		PDF Print Date: 12/13/2023
Mapped by: M3AOXPAC		
Additional Imagery info:		



HYDROGRAPHIC SURVEY

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

Station: -3+00 to 301+56

CEDAR BAYOU

Houston Ship Channel to U.S. Steel Dock

Cedar Bayou: Houston Ship Channel to U.S. Steel Dock



U.S. Army Corps of Engineers
Galveston District



Channel Features

- Channel Center Line
- Channel Toe
- Channel Station Lines
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	< 16

NOTES:
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Combined survey dates 20230531_CS; 20231128_CS_4P99_284P00

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

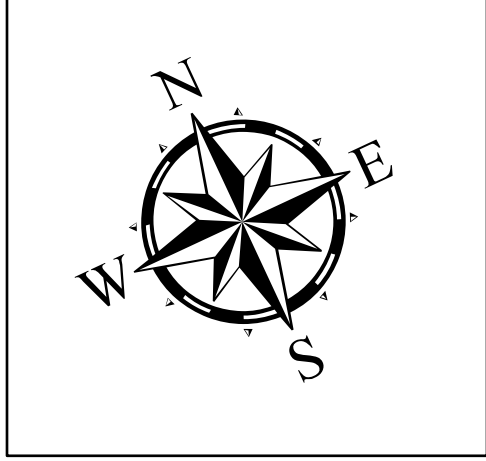
Dredging Reach Extent

0 0.25 0.5 1 Miles

Hydrographic Survey Extent

0 205 410 820 Feet

Latest Survey Collection Date: 28 November 2023		Authorized Depth: -12ft.
Document Page: 3 of 5	Website Index Number: 3	Side Slope Ratio: (Rise : Run)
Scale: 1"=2,400'		PDF Print Date: 12/13/2023
Mapped by: M3AOXPAC		
Additional Imagery info:		



HYDROGRAPHIC SURVEY

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

Station: -3+00 to 301+56

CEDAR BAYOU

Houston Ship Channel to U.S. Steel Dock

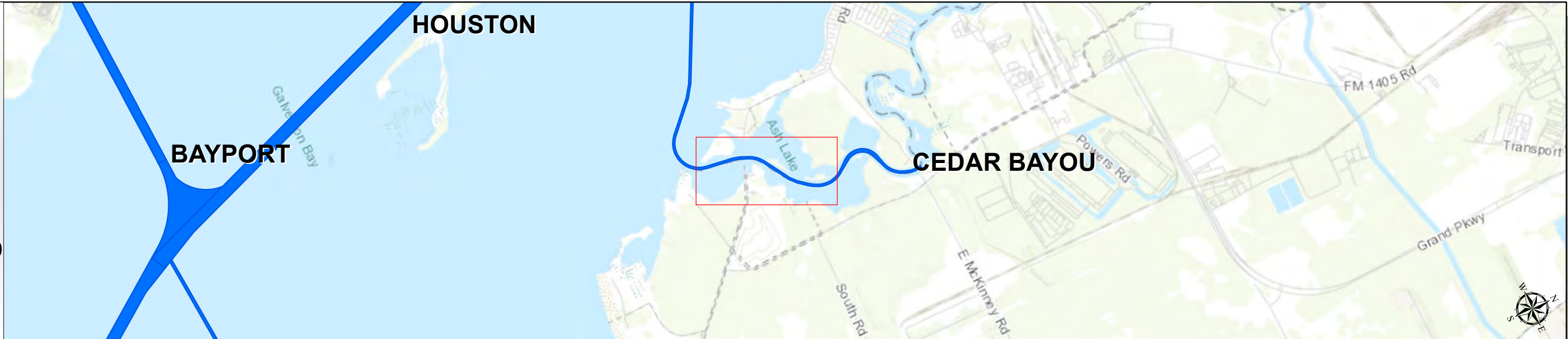
Cedar Bayou: Houston Ship Channel to U.S. Steel Dock



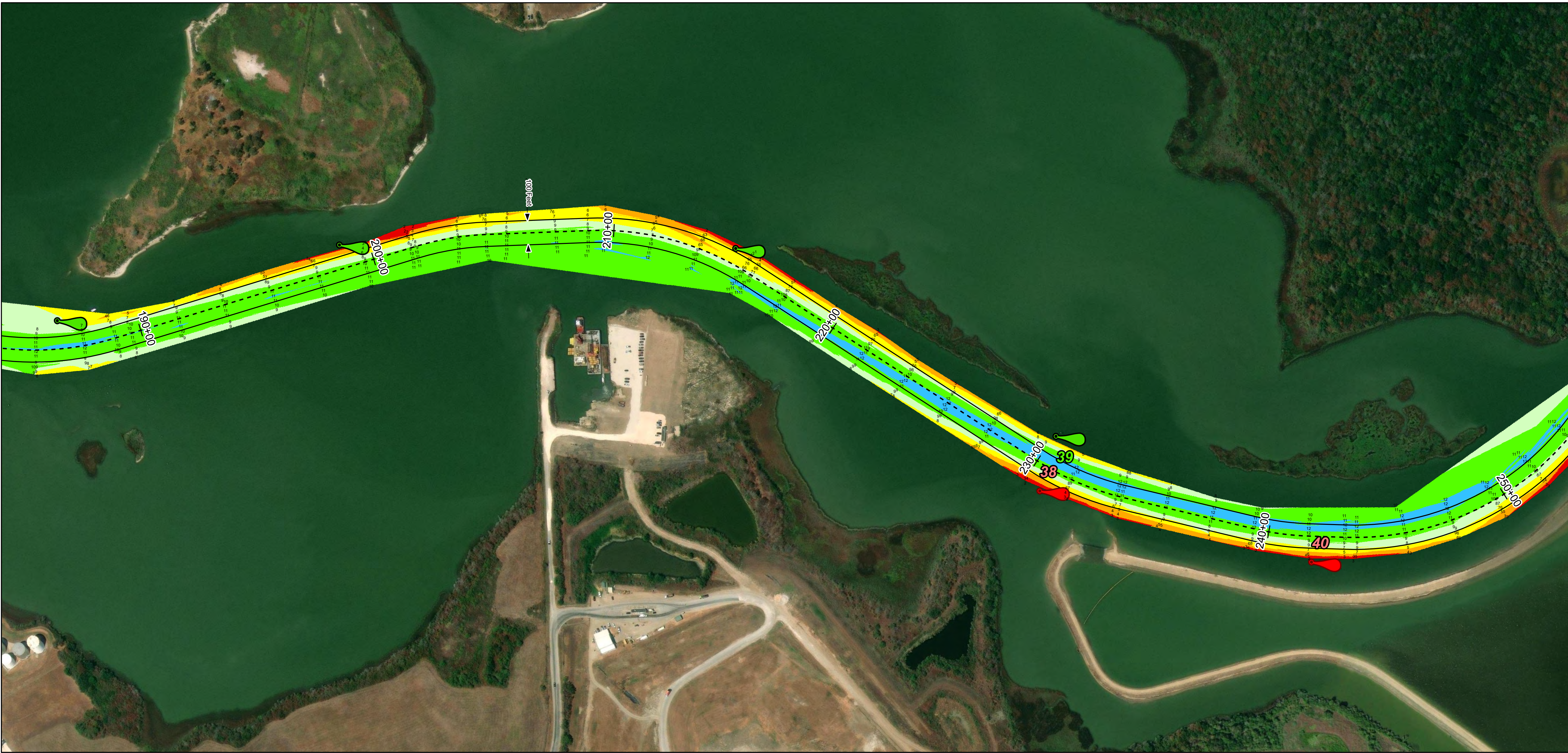
U.S. Army Corps of Engineers
Galveston District



Regional Extent



Dredging Reach Extent



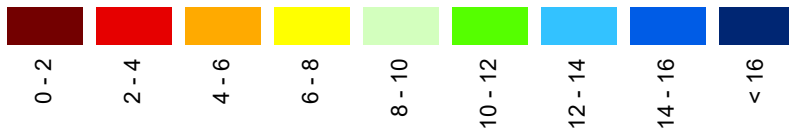
Channel Features

- Channel Center Line
- Channel Toe
- Channel Station Lines
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

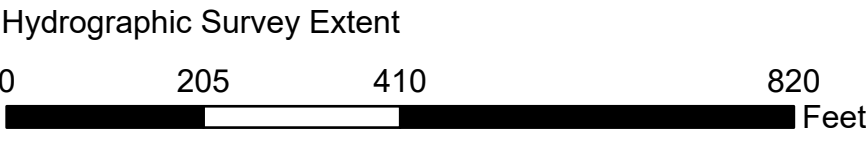
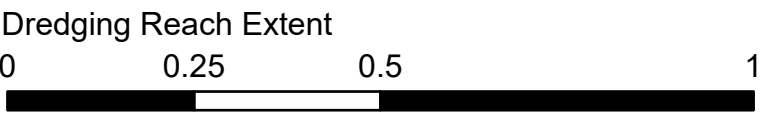
MLLW



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Additional Combined Survey Dates and Stationing:
Combined survey dates 20230531_CS; 20231128_CS_4P99_284P00

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

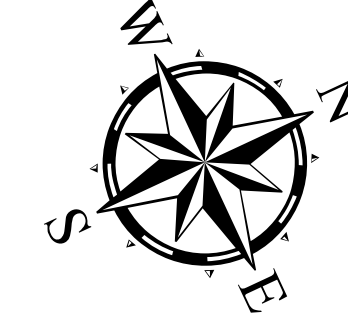


HYDROGRAPHIC SURVEY

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

Station: -3+00 to 301+56
CEDAR BAYOU

Houston Ship Channel to U.S. Steel Dock



Latest Survey Collection Date: 28 November 2023

Document Page: 4 of 5

Website Index Number: 4

Scale:

1:2,400

Mapped by: M3AOXPAC

Additional Imagery info:

Authorized Depth: -12ft.

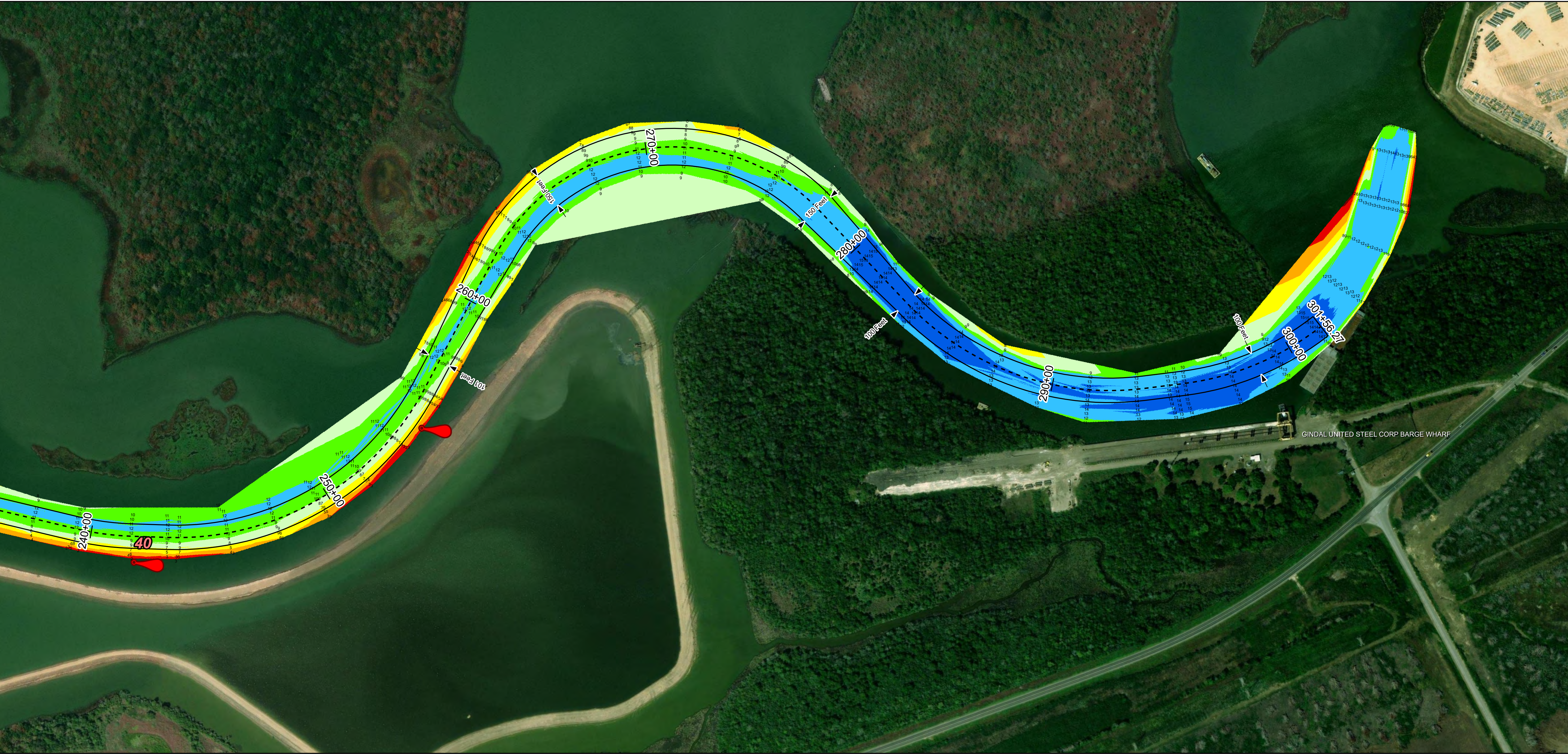
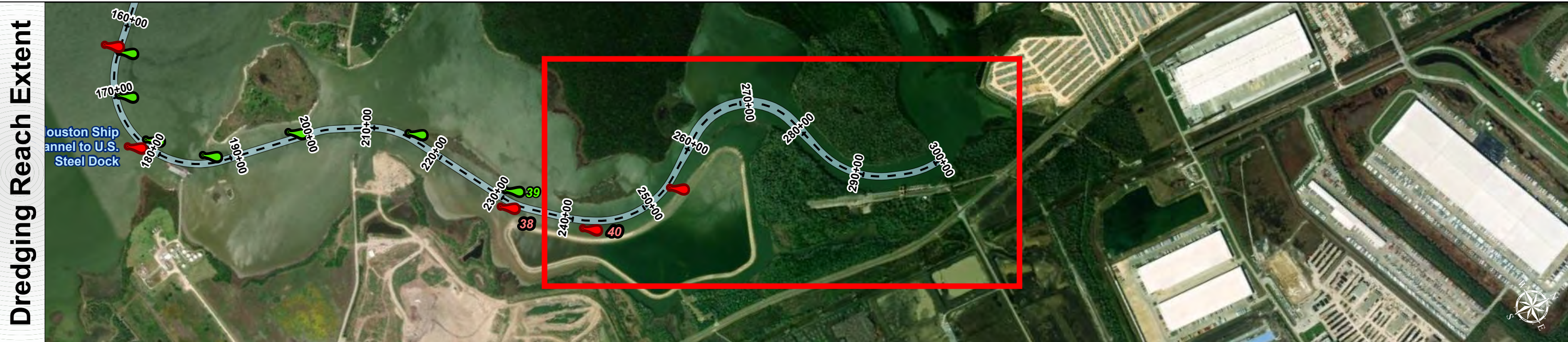
Side Slope Ratio: (Rise : Run)

PDF Print Date: 12/13/2023

Cedar Bayou: Houston Ship Channel to U.S. Steel Dock



U.S. Army Corps of Engineers
Galveston District



Channel Features

- Channel Center Line
- Channel Toe
- Channel Station Lines
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	< 16
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NOTES:

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Additional Combined Survey Dates and Stationing:

Combined survey dates 20230531_CS; 20231128_CS_4P99_284P00

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

Dredging Reach Extent

0 0.25 0.5 1 Miles

Hydrographic Survey Extent

0 205 410 820 Feet

Channel Features

- Channel Center Line
- Channel Toe
- Channel Station Lines
- Channel Dimensions

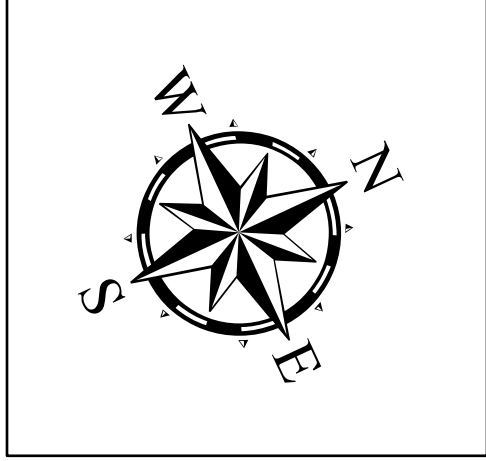
Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	< 16
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Latest Survey Collection Date: 28 November 2023		Authorized Depth: -12ft.	
Document Page: 5 of 5	Website Index Number: 5	Side Slope Ratio: (Rise : Run)	
Scale: 1"=2,400'		PDF Print Date: 12/13/2023	
Mapped by: M3AOXPAC			
Additional Imagery info:			



HYDROGRAPHIC SURVEY

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

Station: -3+00 to 301+56

CEDAR BAYOU

Houston Ship Channel to U.S. Steel Dock