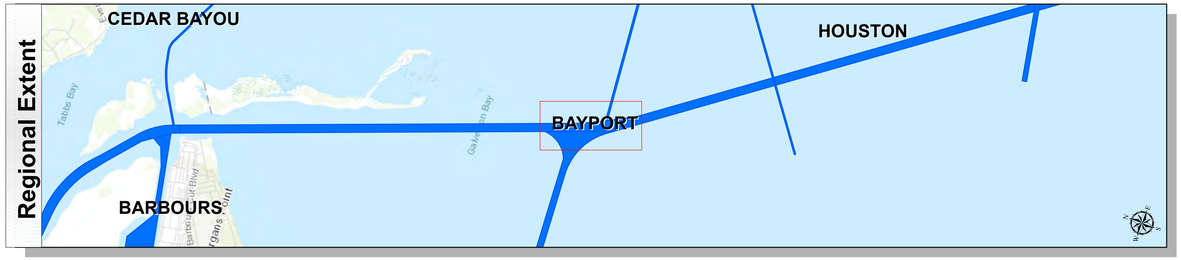
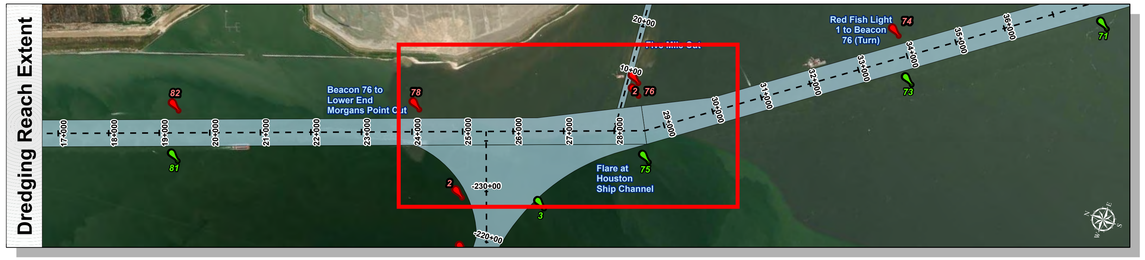
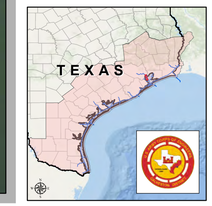
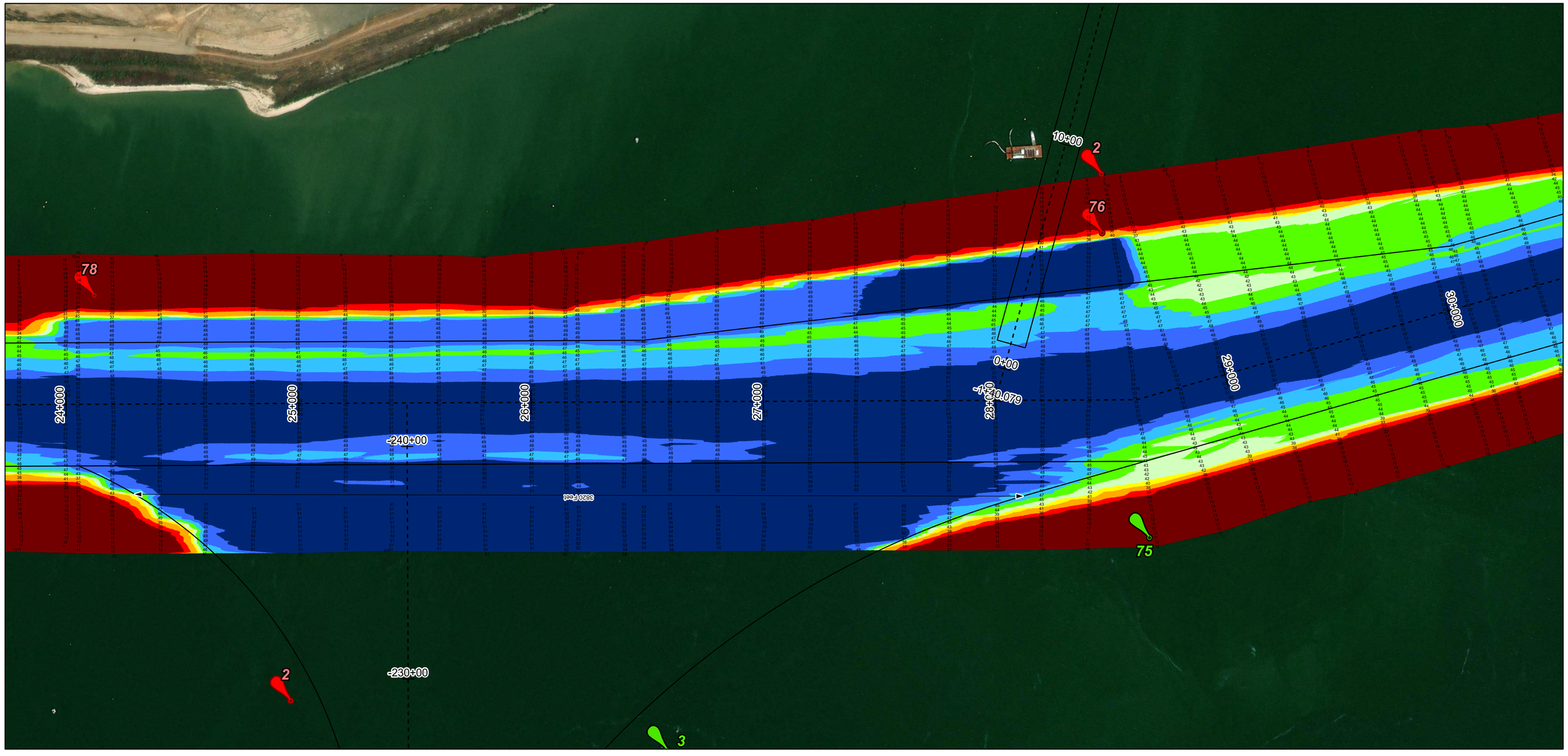
Houston Ship Channel: Beacon 76 to Lower End Morgans Point Cut









Latest Survey Collection Date:	06 December 2023
Authorized Depth: -46ft.	
Document Page:1 of 5	Website Index Number: 20
Side Slope Ratio: 1:2.5 (Rise : Run)	
Scale: 1:2,500	PDF Print Date: 12/27/2023
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

≤ 30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	> 50

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: City of Houston, HPB, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
Combinded survey dates 20231211_31P058.2_10P900; 20231206_10P800_M0P003.94

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

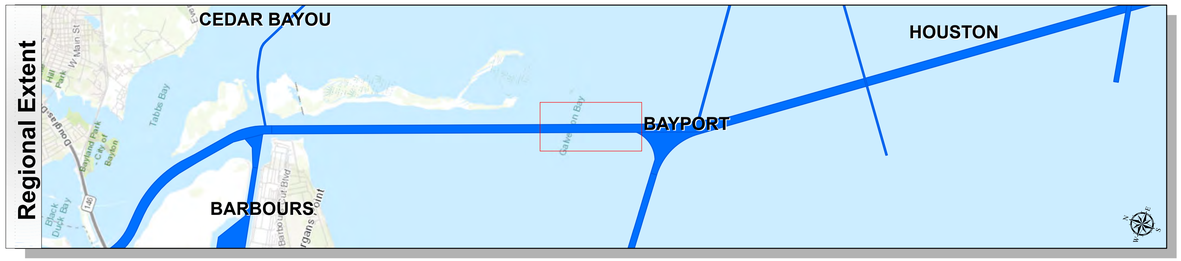
Hydrographic Survey Extent
0 215 430 860 Feet

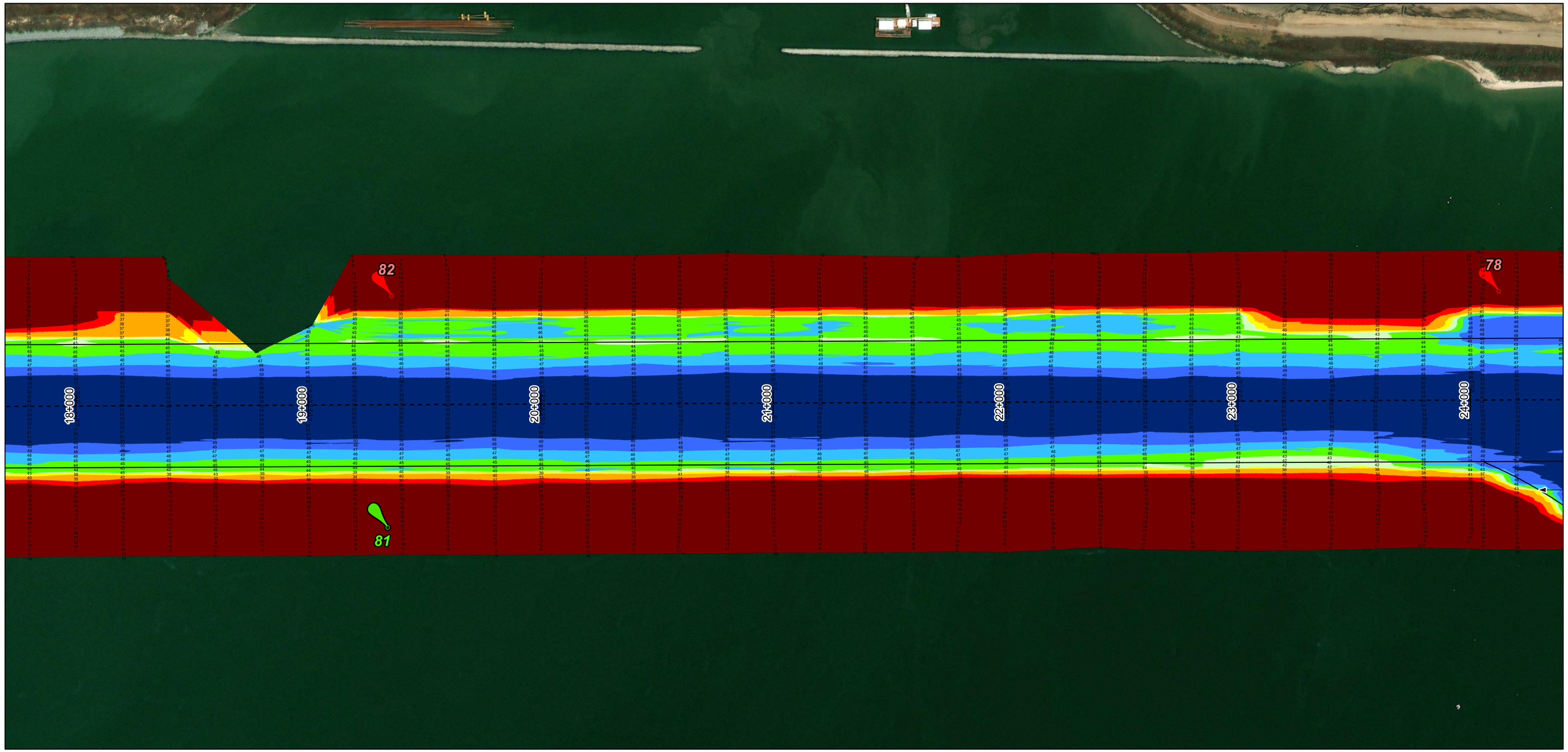
U.S. Army Corps of Engineers
Galveston District

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

Station: 28+604.06 to -0+003.944 (Bay)
HOUSTON
Beacon 76 to Lower End Morgans Point Cut

Houston Ship Channel: Beacon 76 to Lower End Morgans Point Cut





Latest Survey Collection Date: 06 December 2023
Authorized Depth: -46ft.
Document Page:2 of 5
Website Index Number: 21
Side Slope Ratio: 1:2.5 (Rise : Run)
Scale: 1:2,500
PDF Print Date: 12/27/2023
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

VI	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	> 50

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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Service Layer Credits: World Topographic Map: City of Houston, HPB, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
Combinded survey dates 20231211_31P058.2_10P900; 20231206_10P800_M0P003.94

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

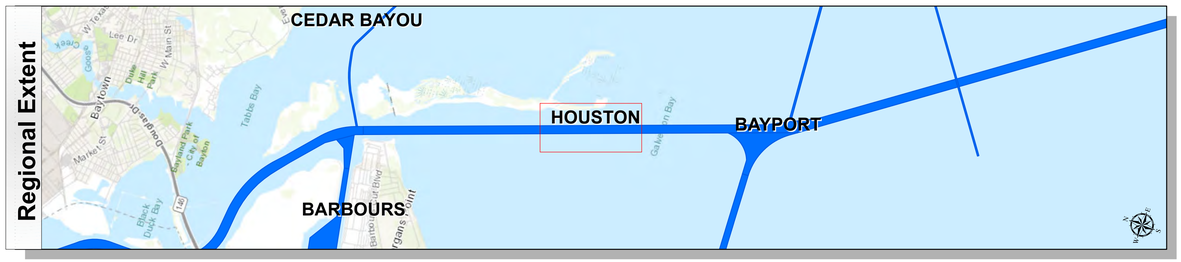
Hydrographic Survey Extent
0 215 430 860 Feet

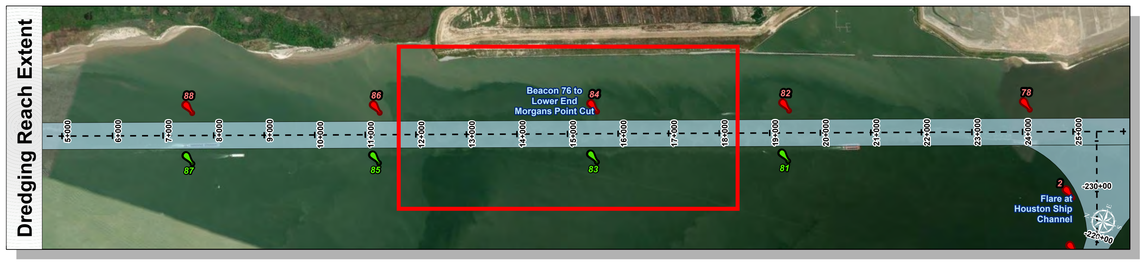
U.S. Army Corps of Engineers
Galveston District

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

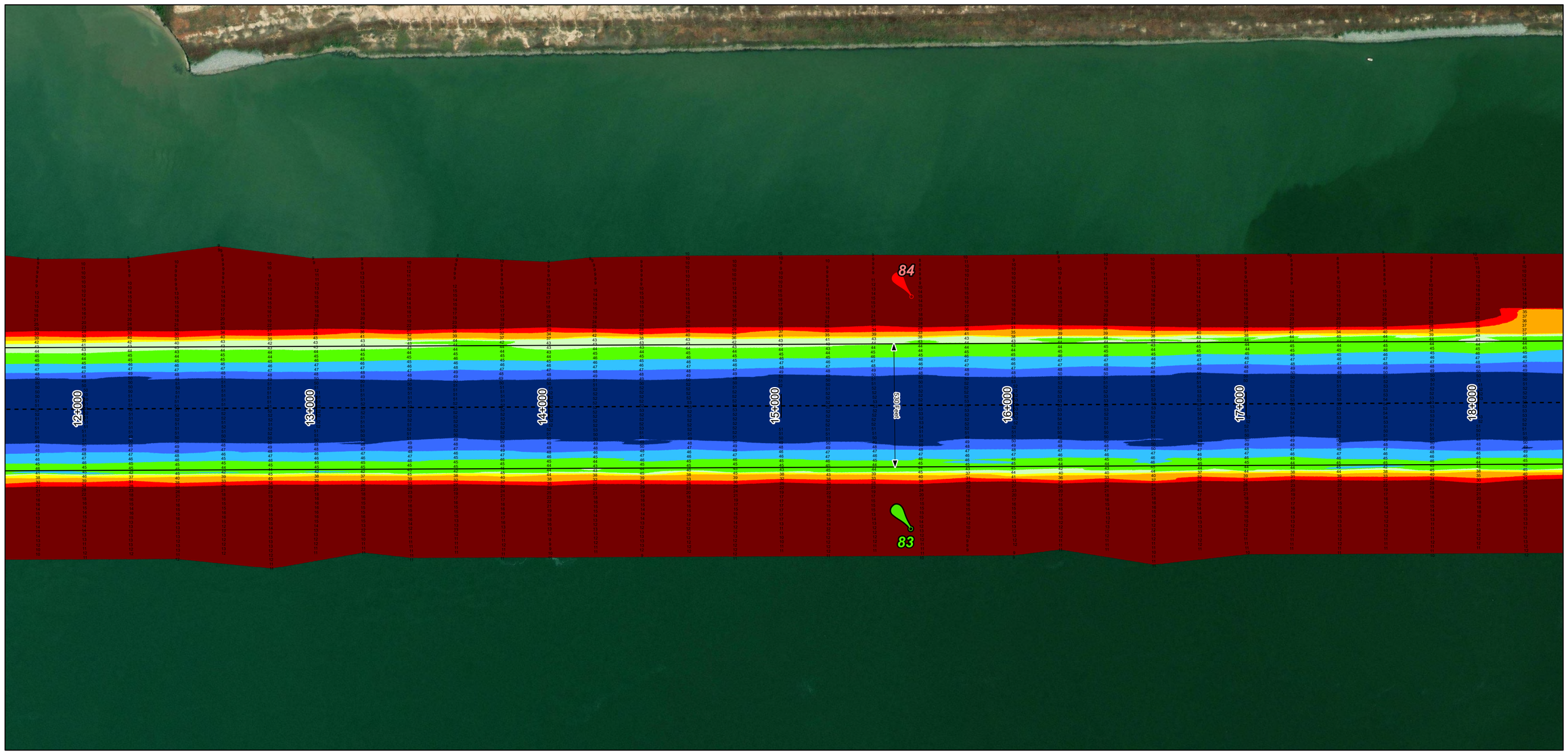
Station: 28+604.06 to -0+003.944 (Bay)
HOUSTON
Beacon 76 to Lower End Morgans Point Cut

Houston Ship Channel: Beacon 76 to Lower End Morgans Point Cut





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 December 2023
Authorized Depth: -46ft.
Website Index Number: 22
Side Slope Ratio: 1:2.5 (Rise : Run)
Document Page:3 of 5
PDF Print Date: 12/27/2023
Scale: 1:2,500
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

<30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	>50

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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Service Layer Credits: World Topographic Map: City of Houston, HPB, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
Combinded survey dates 20231211_31P058.2_10P900; 20231206_10P800_M0P003.94

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

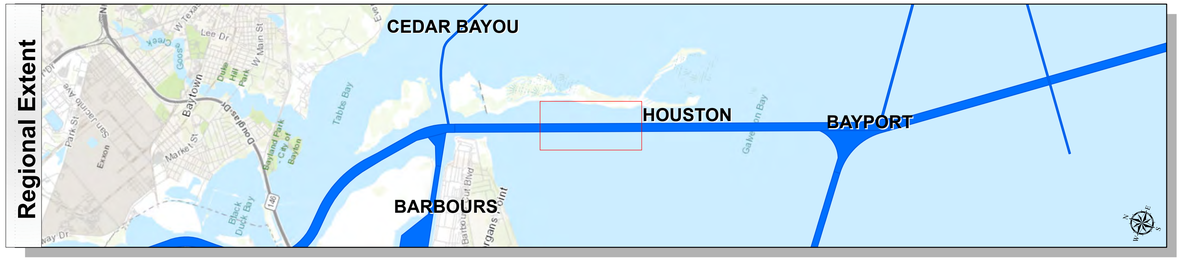
Dredging Reach Extent
0 0.25 0.5 1 Miles

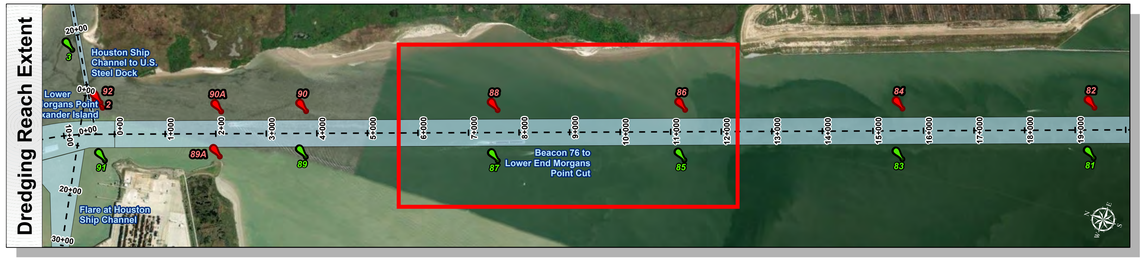
Hydrographic Survey Extent
0 215 430 860 Feet

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

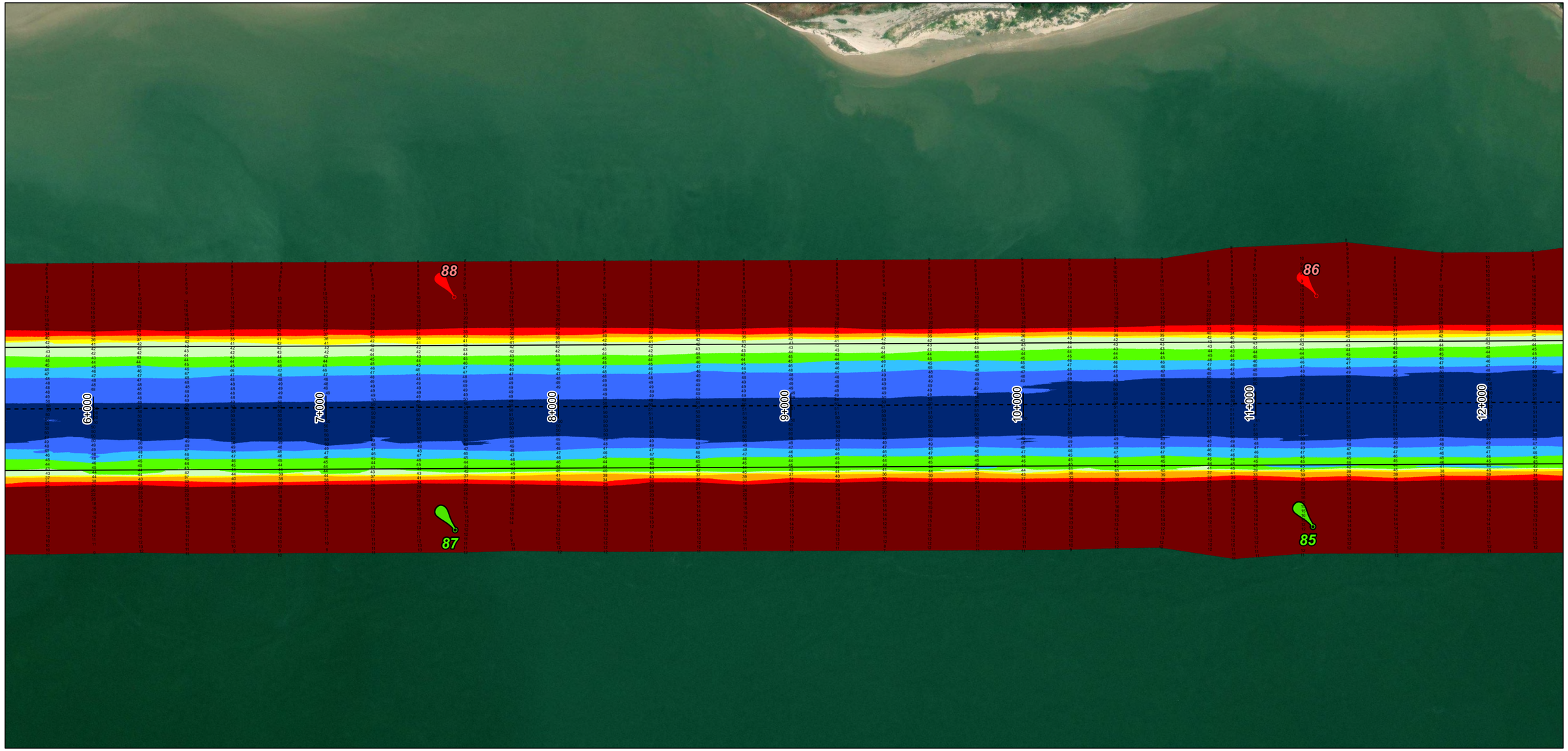
Station: 28+604.06 to -0+003.944 (Bay)
HOUSTON
Beacon 76 to Lower End Morgans Point Cut

Houston Ship Channel: Beacon 76 to Lower End Morgans Point Cut





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 06 December 2023
Authorized Depth: -45ft.
Side Slope Ratio: 1:2.5 (Rise : Run)
Website Index Number: 23
Document Page:4 of 5
PDF Print Date: 12/27/2023
Scale: 1:2,500
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

≤ 30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	> 50

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: City of Houston, HPB, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
Combined survey dates 20231211_31P058.2_10P900; 20231206_10P800_M0P003.94

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

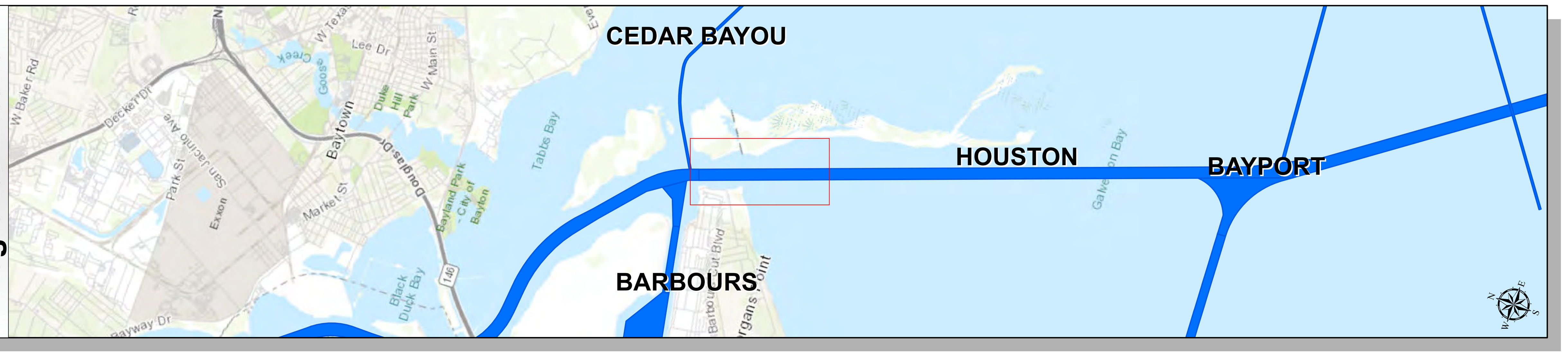
Hydrographic Survey Extent
0 215 430 860 Feet

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

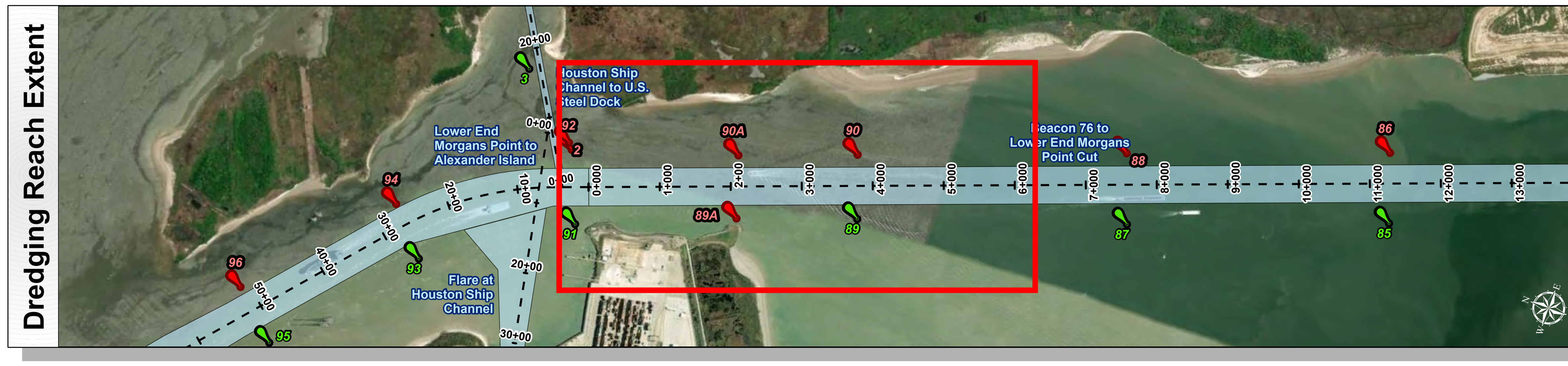
Station: 28+604.06 to -0+003.944 (Bay)
HOUSTON
Beacon 76 to Lower End Morgans Point Cut

Houston Ship Channel: Beacon 76 to Lower End Morgans Point Cut

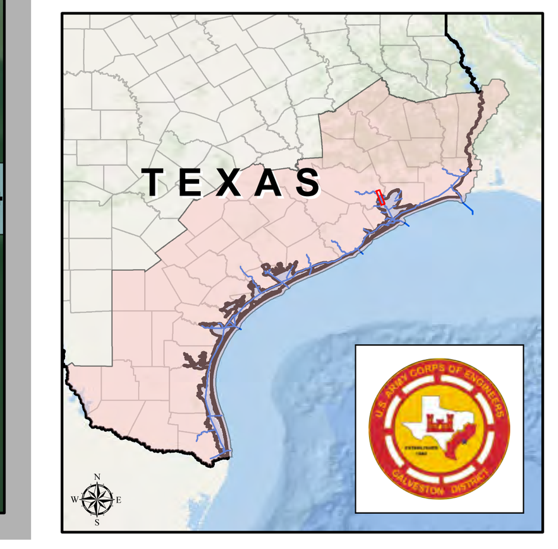
Regional Extent

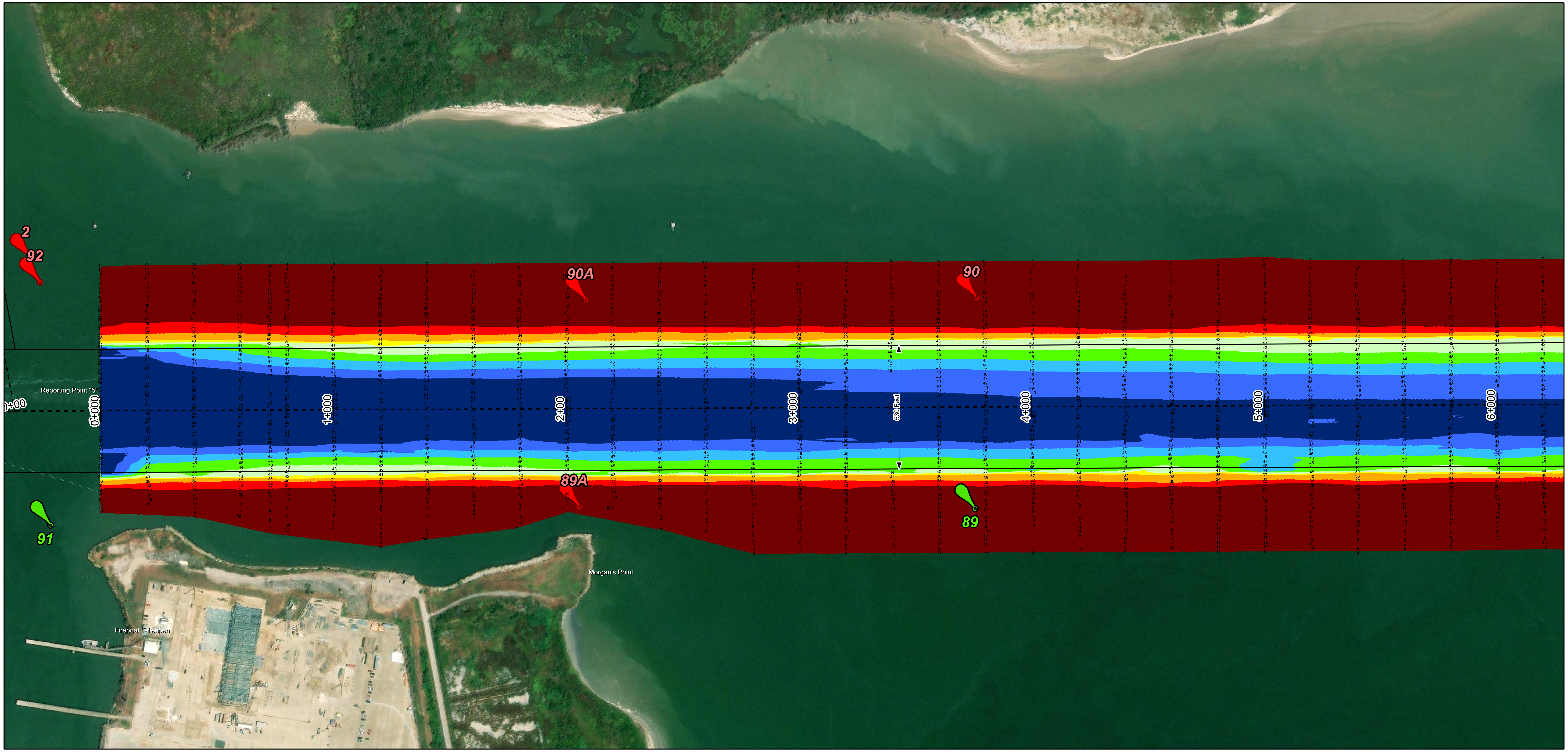


Dredging Reach Extent



U.S. Army Corps of Engineers
Galveston District





Authorized Depth: -45ft.

Side Slope Ratio: 1:2.5 (Rise : Run)

PDF Print Date: 12/27/2023

Latest Survey Collection Date: 06 December 2023

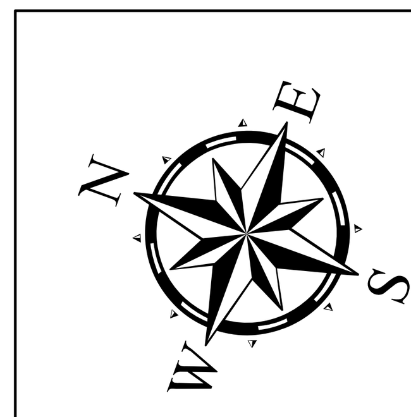
Website Index Number: 24

Document Page:5 of 5

Scale: 1:2,500

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

≤ 30 | 30 - 35 | 35 - 40 | 40 - 42 | 42 - 44 | 44 - 46 | 46 - 48 | 48 - 50 | > 50

NOTES:
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Additional Combined Survey Dates and Stationing:

Combinded survey dates 20231211_31P058.2_10P900; 20231206_10P800_M0P003.94

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
0 215 430 860 Feet

HYDROGRAPHIC SURVEY

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

Station: 28+604.06 to -0+003.944 (Bay)
HOUSTON
Beacon 76 to Lower End Morgans Point Cut