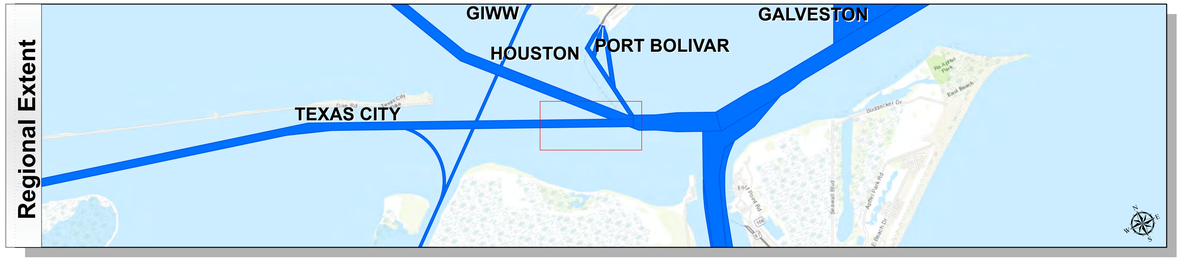
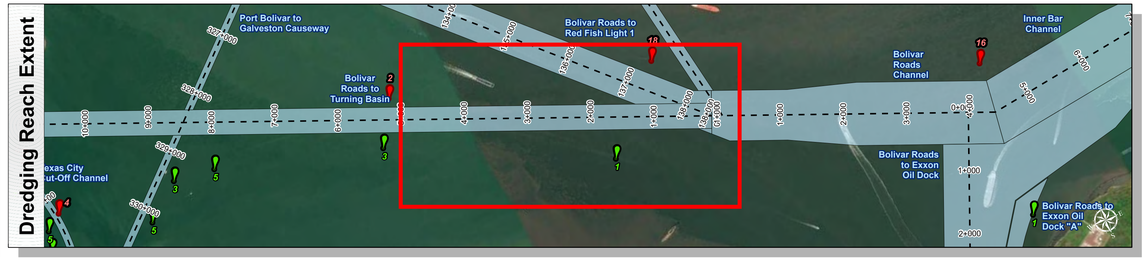
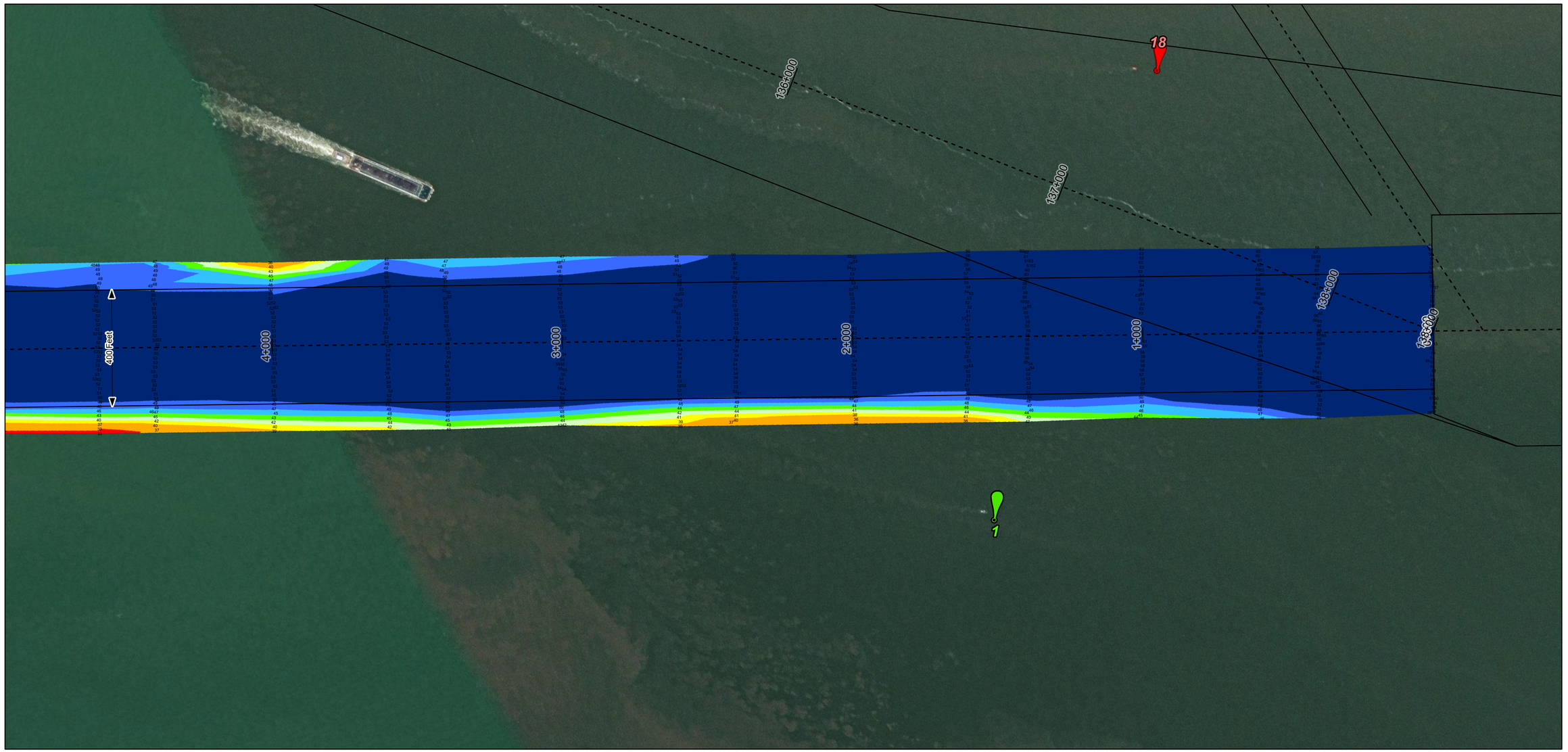
Texas City Harbor Channel: Bolivar Roads to Turning Basin





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	01 March 2024
Document Page:	1 of 8
Scale:	1:2,000
Mapped by:	M3AOXPAC
Additional Imagery info:	
Authorized Depth:	- 46ft.
Side Slope Ratio:	1:2.0 (Rise : Run)
PDF Print Date:	3/19/2024
Website Index Number:	1

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

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

MLLW

<=	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	>
30								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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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, Microsoft
World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

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 0.2 0.4 0.8 Miles

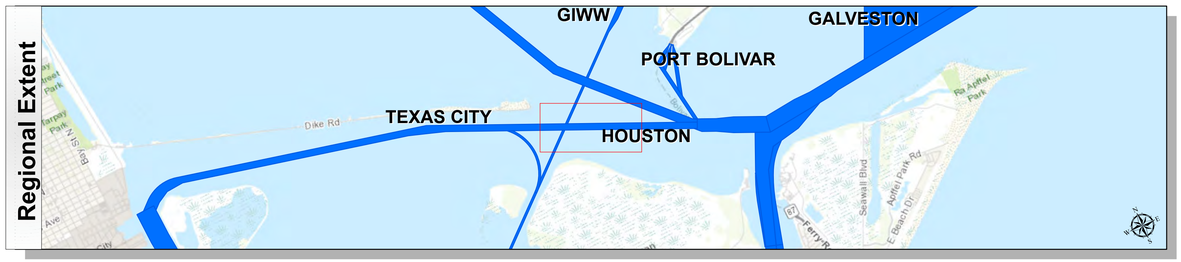
Hydrographic Survey Extent
0 170 340 680 Feet

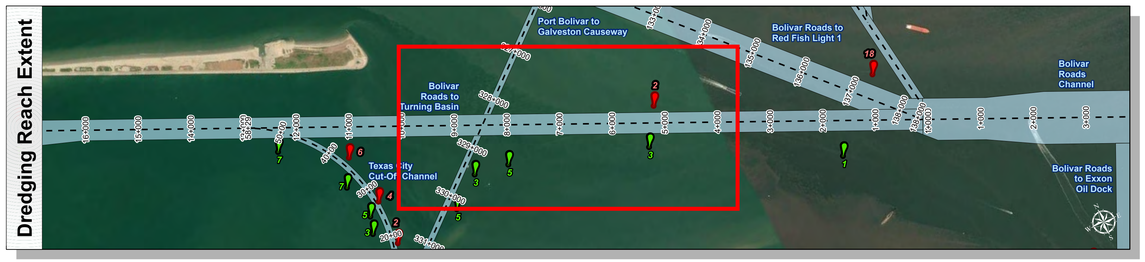
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

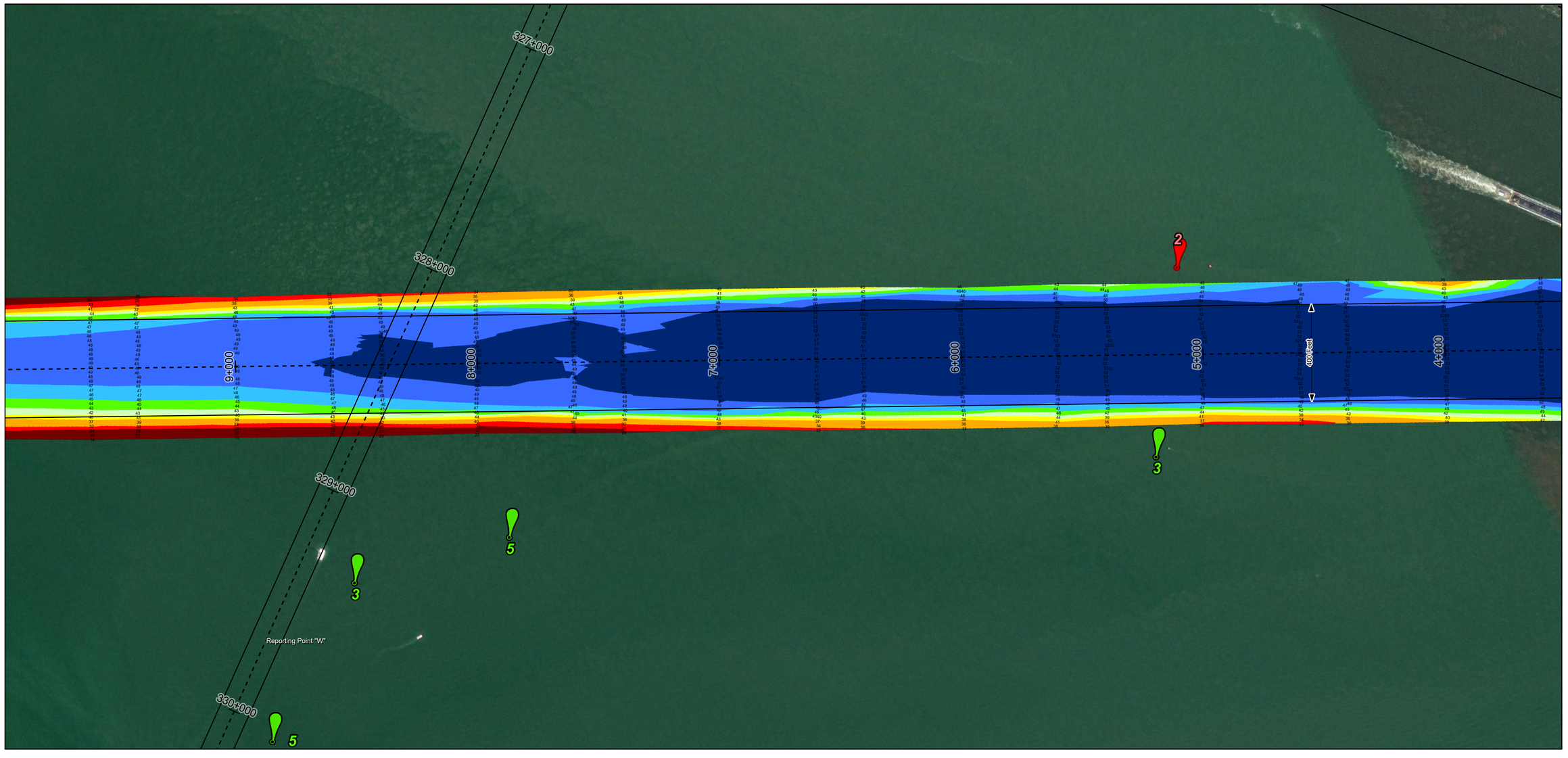
Station: 0+000 to 36+200.7
TEXAS CITY
Bolivar Roads to Turning Basin

Texas City Harbor Channel: Bolivar Roads to Turning Basin

U.S. Army Corps of Engineers
Galveston District







Latest Survey Collection Date:	01 March 2024
Document Page:	2 of 8
Scale:	1:2,400
Mapped by:	M3AOXPAC
Additional Imagery info:	
Authorized Depth:	-46ft.
Side Slope Ratio:	1:2.0 (Rise : Run)
Website Index Number:	2
PDF Print Date:	3/19/2024

Channel Features
- Channel Center Line
- Channel Toe
- 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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World_Imagery: Maxar, Microsoft
World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

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 0.25 0.5 1 Miles

Hydrographic Survey Extent
0 205 410 820 Feet

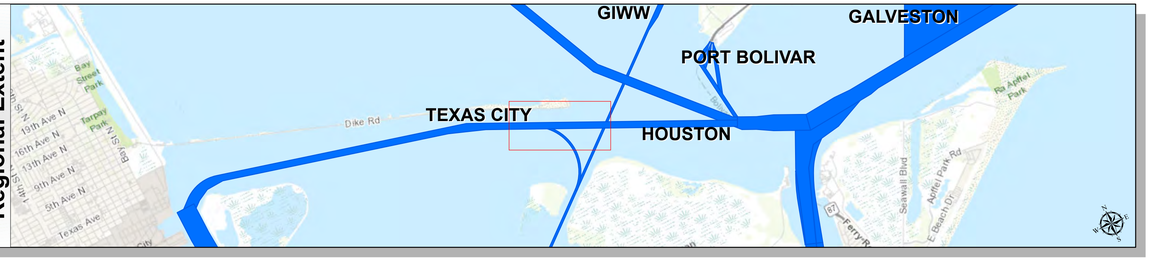
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 36+200.7
TEXAS CITY
Bolivar Roads to Turning Basin

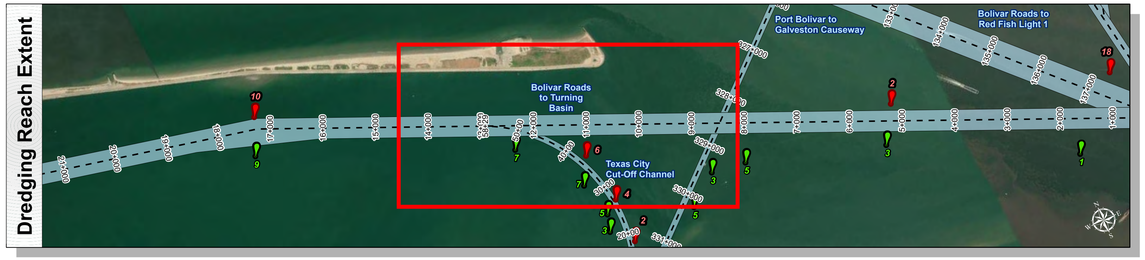
Texas City Harbor Channel: Bolivar Roads to Turning Basin

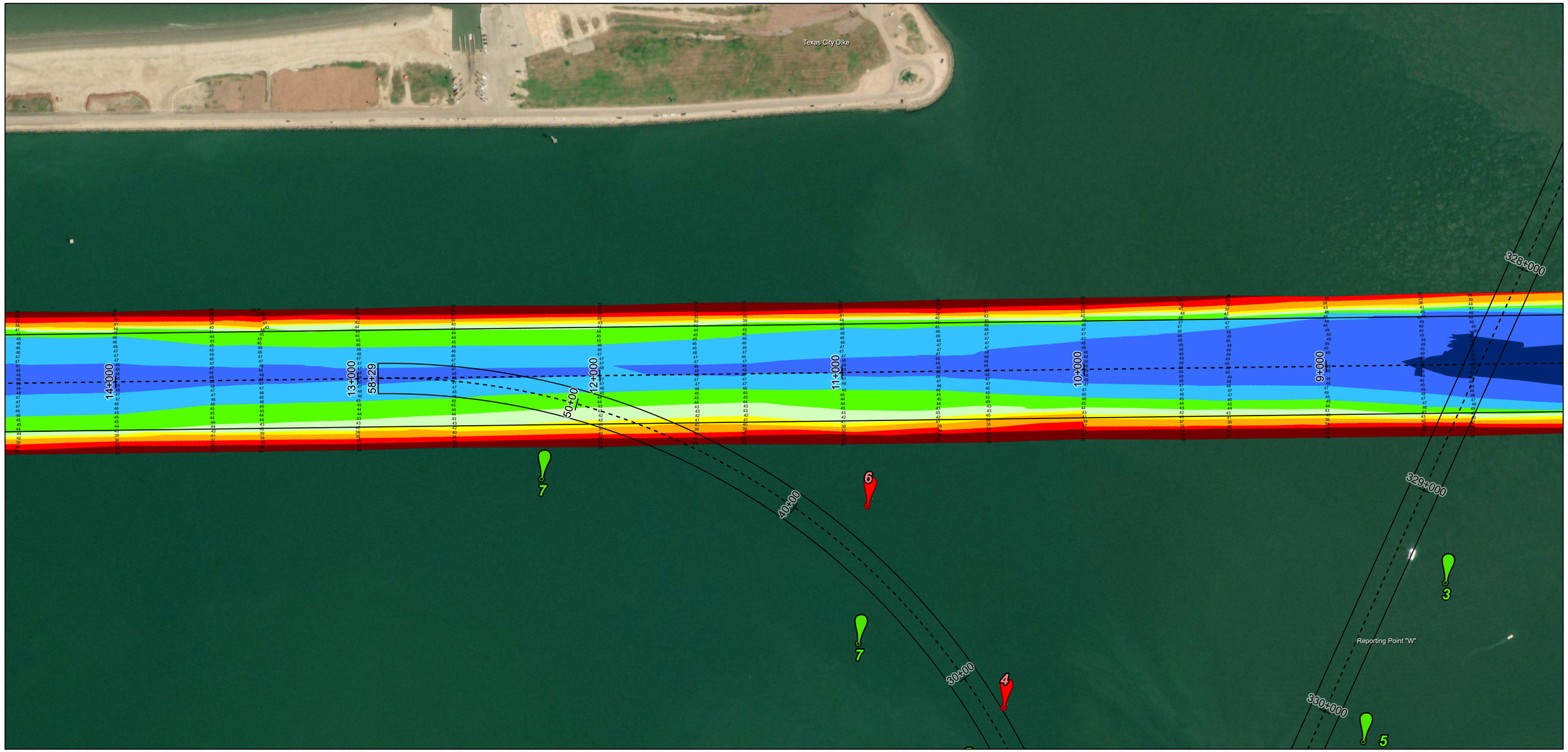
U.S. Army Corps of Engineers
Galveston District

Regional Extent



Dredging Reach Extent





Latest Survey Collection Date: 01 March 2024
Document Page: 3 of 8
Scale: 1:2,400
Mapped by: M3AOXPAC
Additional Imagery info:

Authorized Depth: -46ft.
Side Slope Ratio: 1:2.0 (Rise : Run)
Website Index Number: 3
PDF Print Date: 3/19/2024

Channel Features
- Channel Center Line
- Channel Toe
- 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.
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World_Imagery: Maxar, Microsoft
World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

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

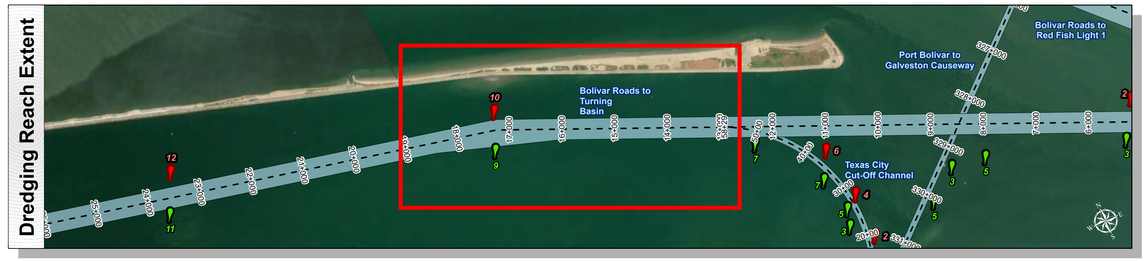
Dredging Reach Extent
0 0.25 0.5 1 Miles

Hydrographic Survey Extent
0 205 410 820 Feet

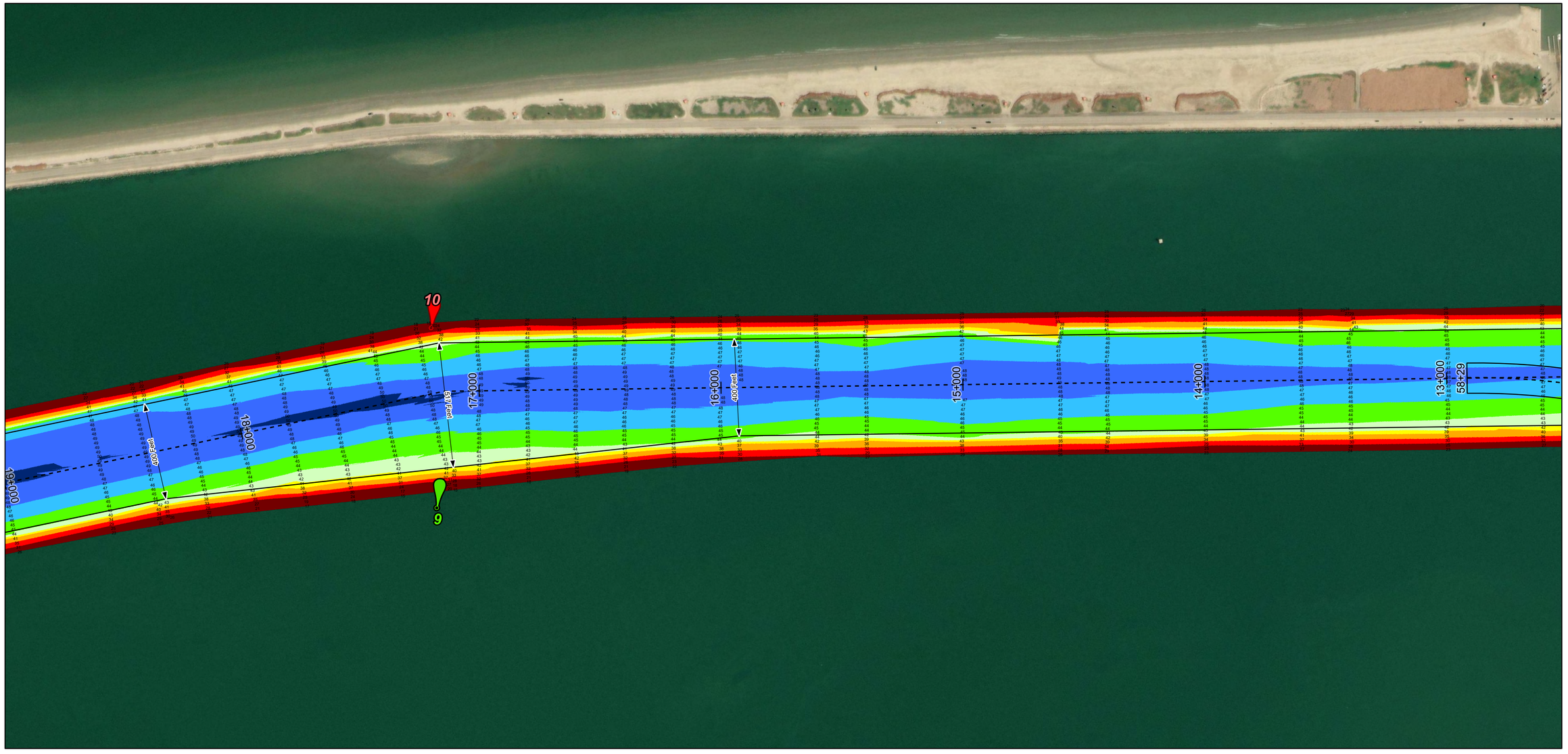
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 36+200.7
TEXAS CITY
Bolivar Roads to Turning Basin

Texas City Harbor Channel: Bolivar Roads to Turning Basin



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 01 March 2024
Document Page: 4 of 8
Scale: 1:2,400
Mapped by: M3AOXPAC
Additional Imagery info:

Authorized Depth: -46ft.
Side Slope Ratio: 1:2.0 (Rise : Run)
Website Index Number: 4
PDF Print Date: 3/19/2024

N W E S

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

Station: 0+000 to 36+200.7
TEXAS CITY
Bolivar Roads to Turning Basin

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

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

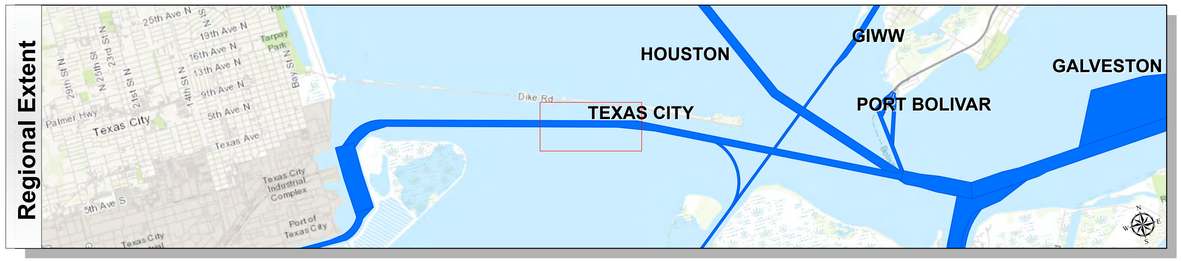
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

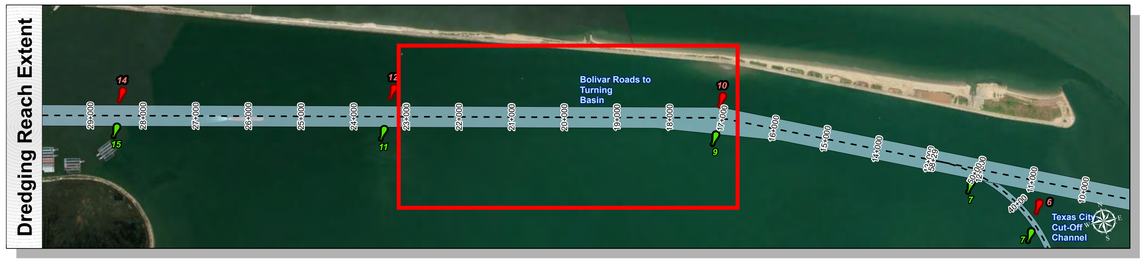
Dredging Reach Extent
0 0.25 0.5 1 Miles

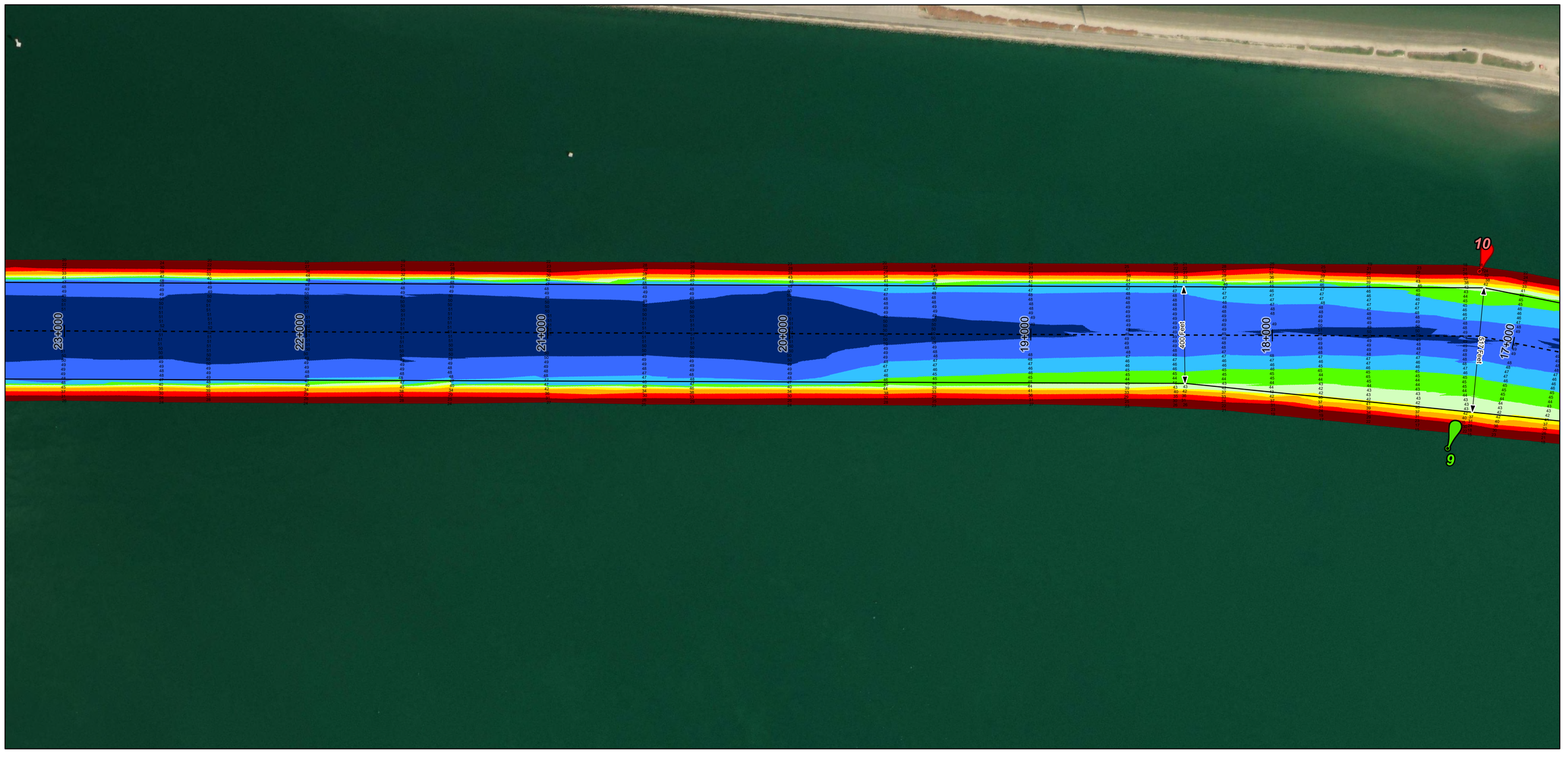
Hydrographic Survey Extent
0 205 410 820 Feet

Texas City Harbor Channel: Bolivar Roads to Turning Basin

U.S. Army Corps of Engineers
Galveston District







Authorized Depth: -46ft.	
Side Slope Ratio: 1:2.0 (Rise : Run)	
PDF Print Date: 3/19/2024	
Latest Survey Collection Date: 01 March 2024	Website Index Number: 5
Document Page: 5 of 8	Scale: 1:2,400
Mapped by: M3AOXPAC	
Additional Imagery info:	

Channel Features

- Channel Center Line
- Channel Toe
- 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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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, Microsoft
World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

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 0.25 0.5 1 Miles

Hydrographic Survey Extent
0 205 410 820 Feet

HYDROGRAPHIC SURVEY

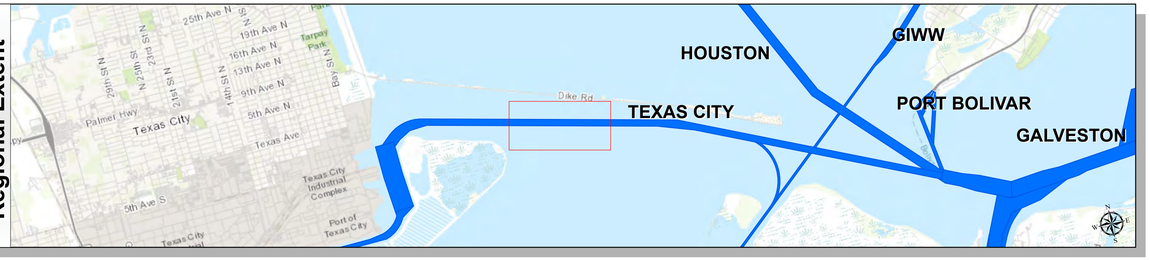
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 36+200.7
TEXAS CITY
Bolivar Roads to Turning Basin

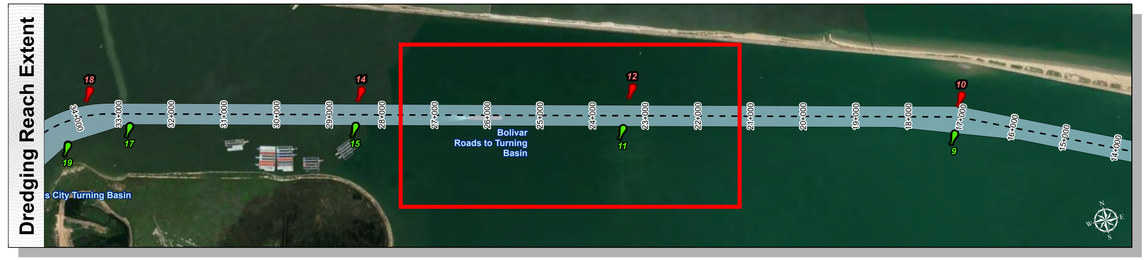
Texas City Harbor Channel: Bolivar Roads to Turning Basin

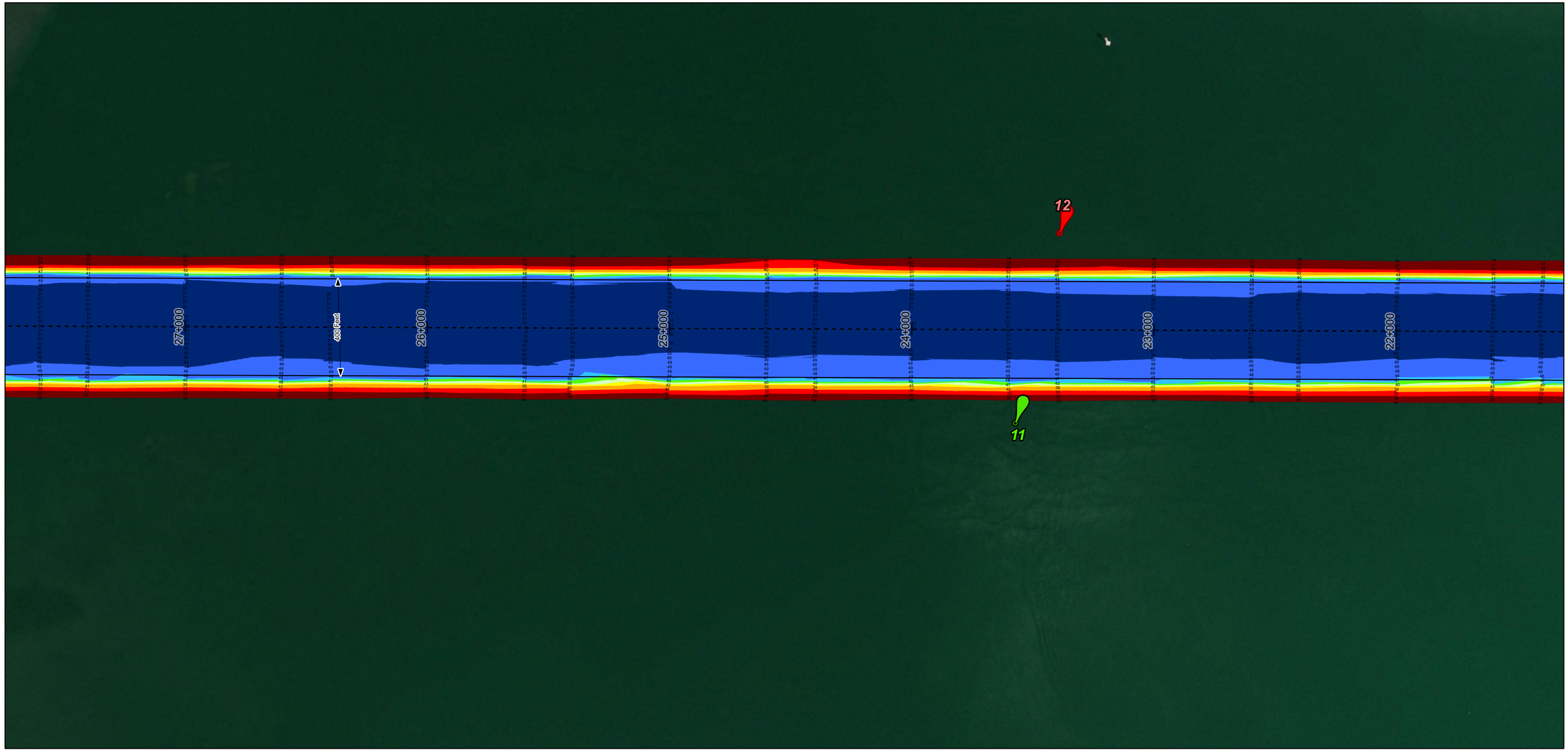
U.S. Army Corps of Engineers
Galveston District

Regional Extent



Dredging Reach Extent





Latest Survey Collection Date:	01 March 2024
Authorized Depth: -46ft.	
Document Page: 6 of 8	Website Index Number: 6
Side Slope Ratio: 1:2.0 (Rise : Run)	
Scale: 1:2,400	PDF Print Date: 3/19/2024
Mapped by: M3AOXPAC	
Additional Imagery info:	

Channel Features

- Channel Center Line
- Channel Toe
- 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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World_Imagery: Maxar, Microsoft
World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

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 0.25 0.5 1 Miles

Hydrographic Survey Extent
0 205 410 820 Feet

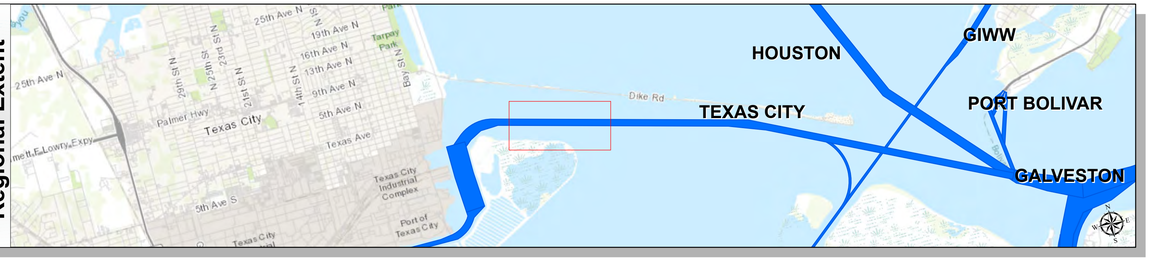
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 36+200.7
TEXAS CITY
Bolivar Roads to Turning Basin

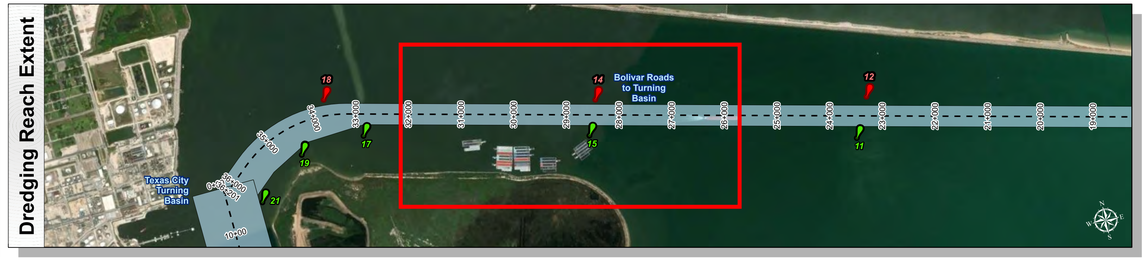
Texas City Harbor Channel: Bolivar Roads to Turning Basin

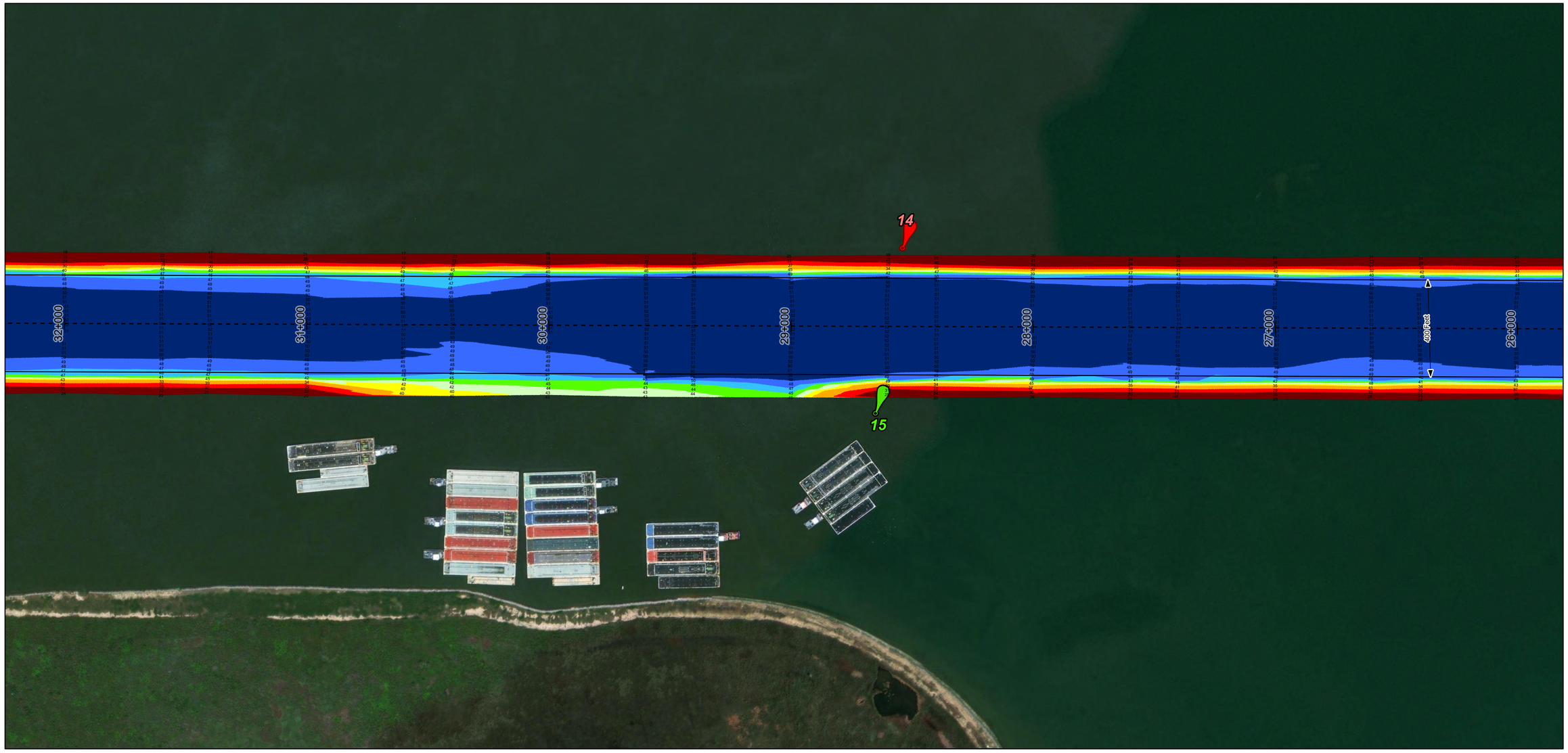
U.S. Army Corps of Engineers
Galveston District

Regional Extent



Dredging Reach Extent





Authorized Depth: -46ft.	
Side Slope Ratio: 1:2.0 (Rise : Run)	
PDF Print Date: 3/19/2024	
Latest Survey Collection Date: 01 March 2024	Website Index Number: 7
Document Page: 7 of 8	Scale: 1:2,400
Mapped by: M3AOXPAC	
Additional Imagery info:	

N
W E
S

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

Station: 0+000 to 36+200.7
TEXAS CITY
Bolivar Roads to Turning Basin

Channel Features
- Channel Center Line
- Channel Toe
- 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

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World_Imagery: Maxar, Microsoft
World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

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

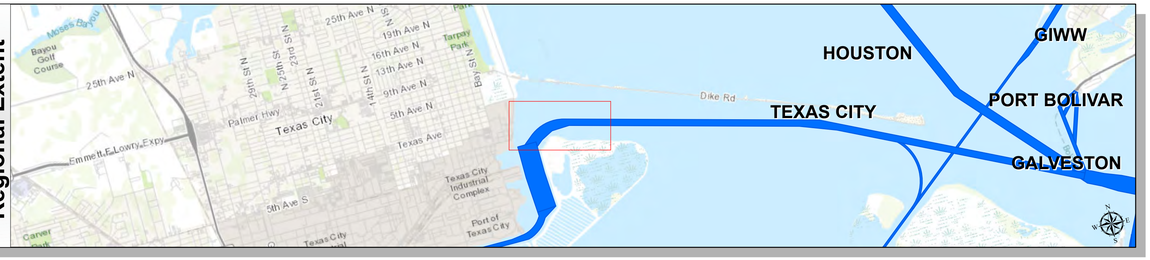
Dredging Reach Extent
0 0.25 0.5 1 Miles

Hydrographic Survey Extent
0 205 410 820 Feet

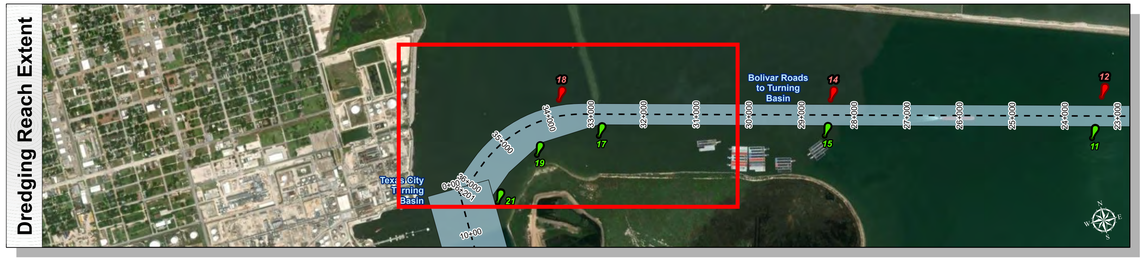
Texas City Harbor Channel: Bolivar Roads to Turning Basin

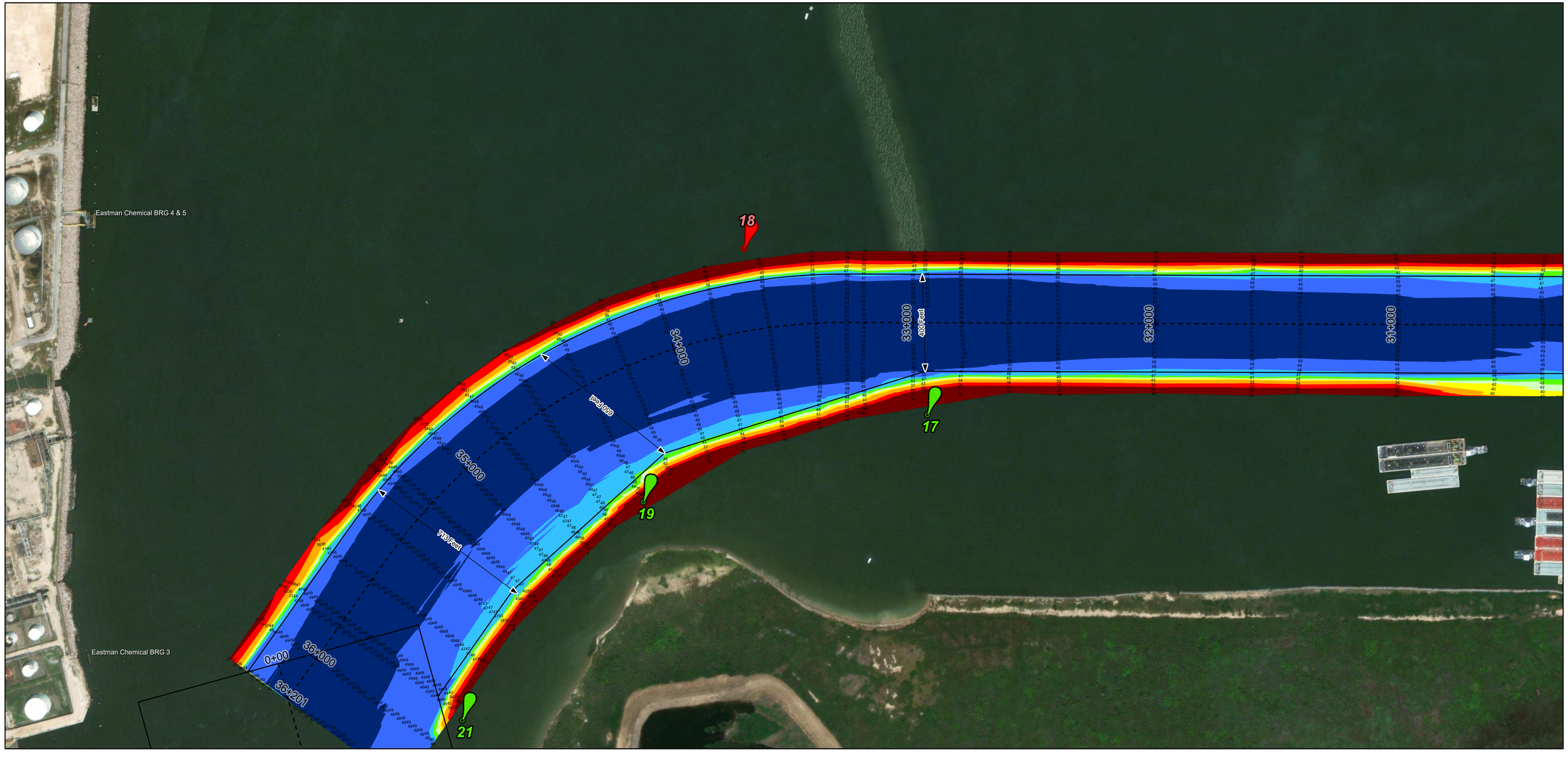
U.S. Army Corps of Engineers
Galveston District

Regional Extent

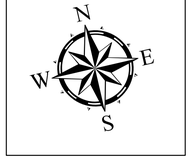


Dredging Reach Extent





Latest Survey Collection Date:	01 March 2024
Authorized Depth: -46ft.	
Document Page: 8 of 8	Website Index Number: 8
Scale: 1:2,400	Side Slope Ratio: 1:2.0 (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 3/19/2024
Additional Imagery info:	



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

Station: 0+000 to 36+200.7
TEXAS CITY
Bolivar Roads to Turning Basin

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

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 0.25 0.5 1 Miles

Hydrographic Survey Extent
0 205 410 820 Feet