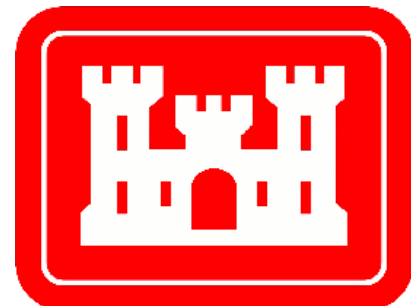
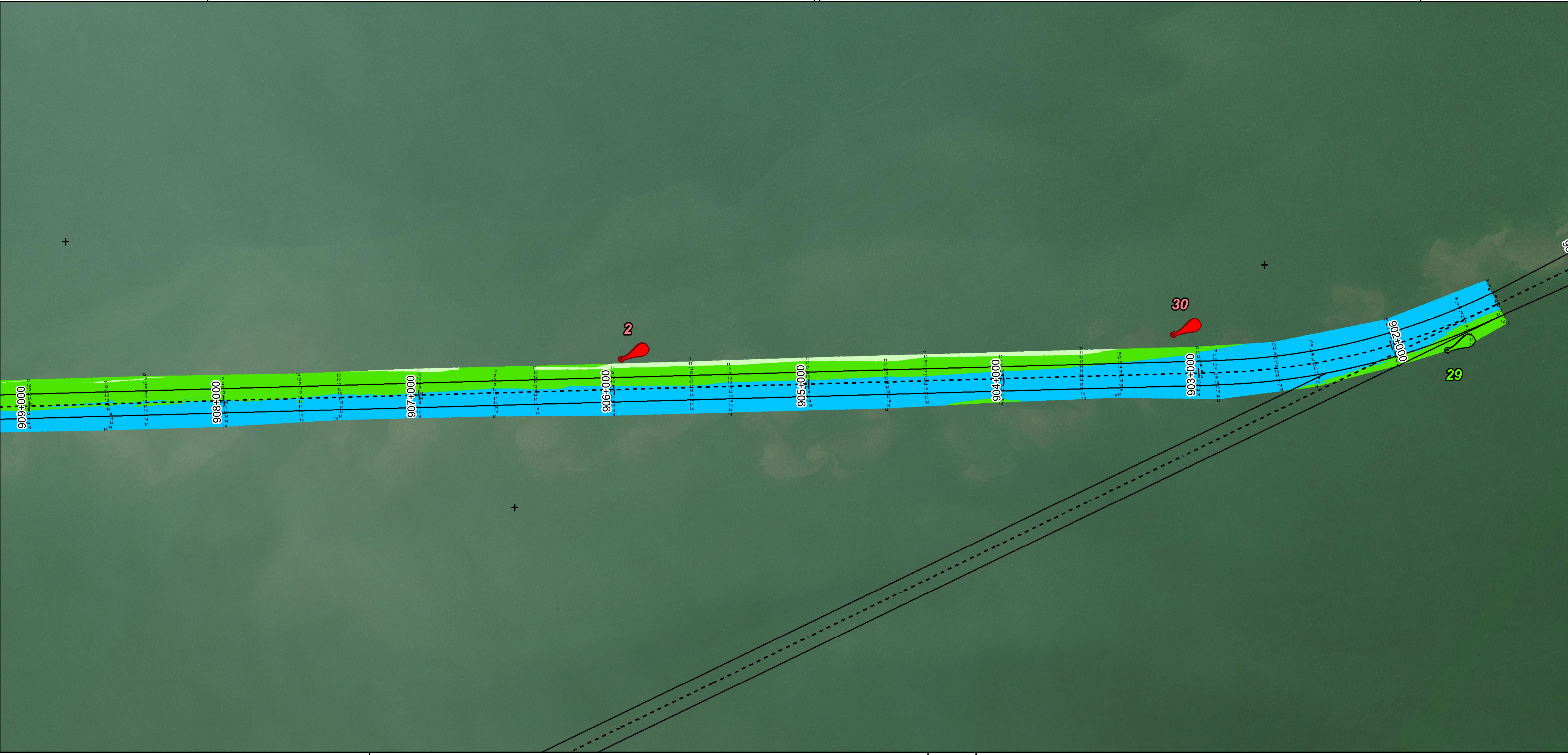
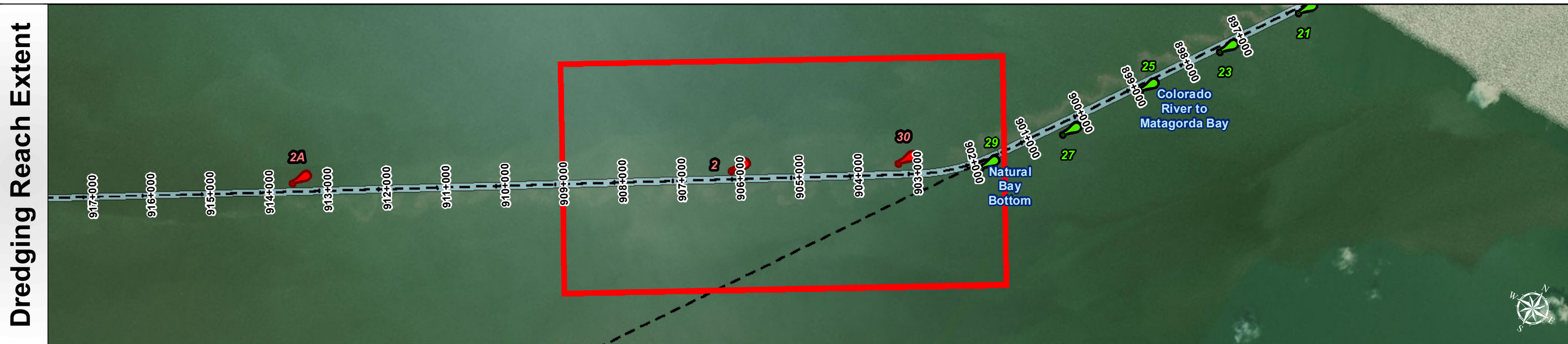
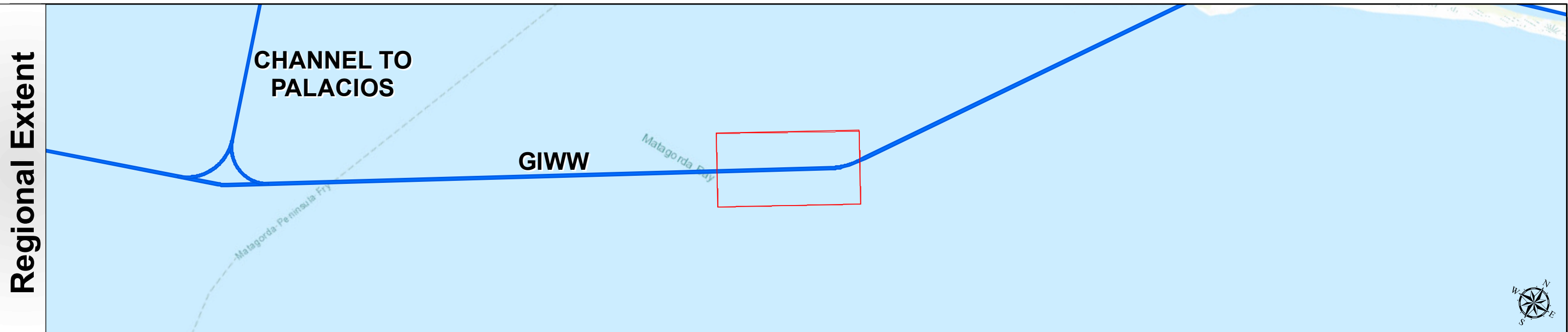
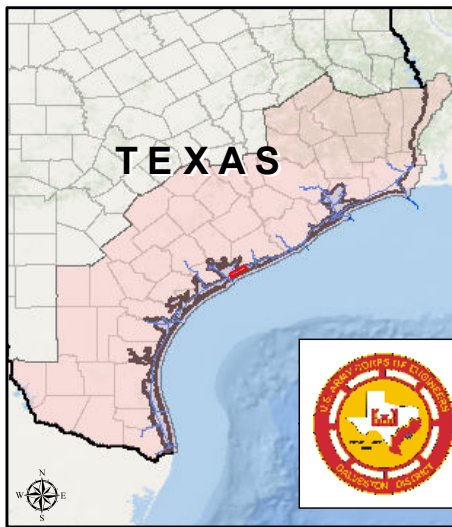


Gulf Intracoastal Waterway: Natural Bay Bottom



U.S. Army Corps of Engineers
Galveston District



Channel Features

- Channel Toe
- Channel Center Line
- 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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NOAA Bathymetry (DREDGING REACH EXTENT)

0 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 50
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NOTES:

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

Dredging Reach Extent

0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent

0 260 520 1,040 Feet

Survey Date(s): 28 August 2019	Authorized Depth: -14ft.
Page: 130 of 190	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnnvk	Print Date: 8/28/2019
Additional Info :	

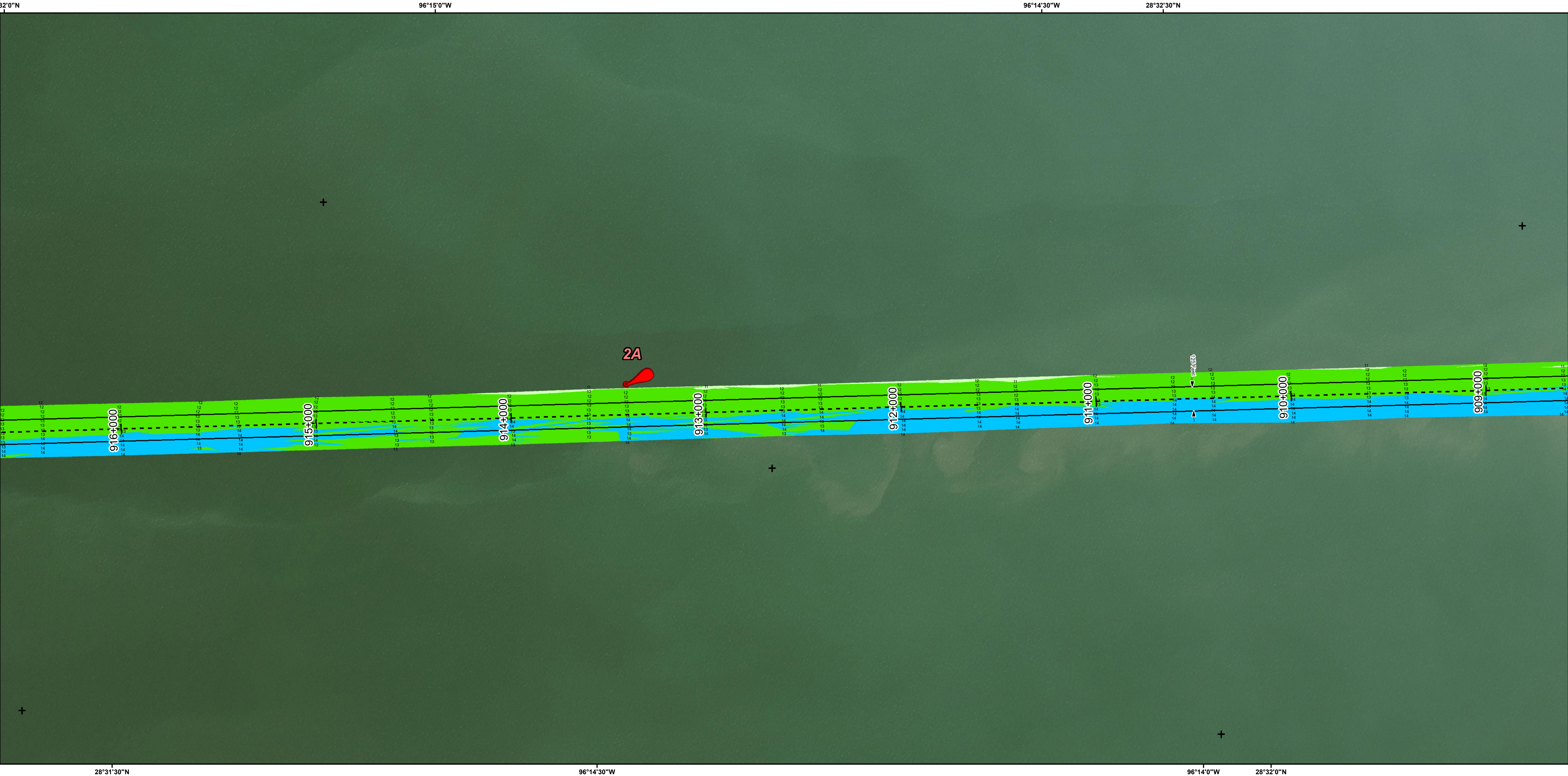
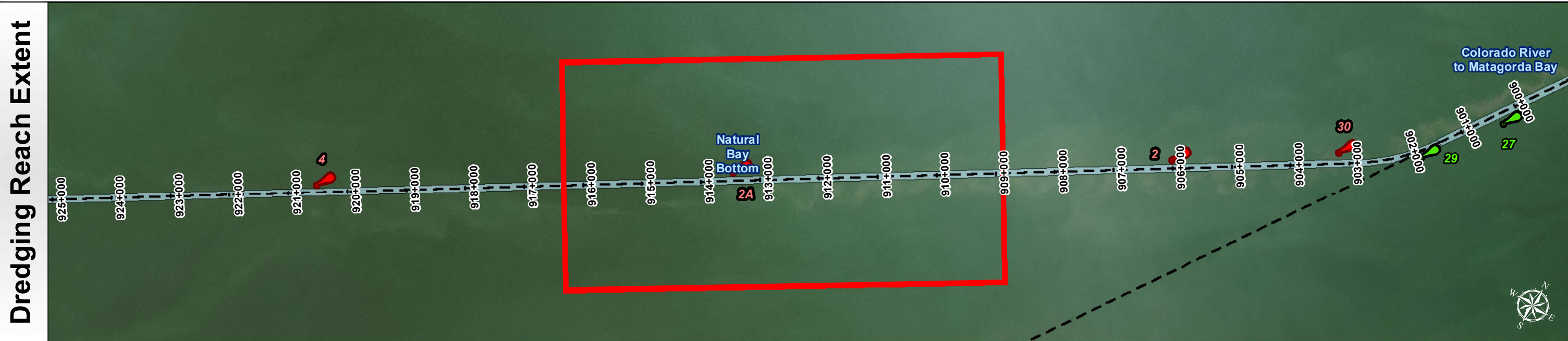
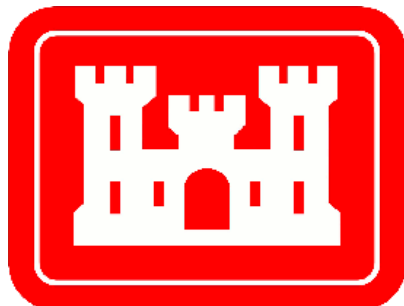
HYDROGRAPHIC SURVEY

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

Station: 901+423.55 to 972+939.05

GIWW
, TEXAS

Gulf Intracoastal Waterway: Natural Bay Bottom



Channel Features

- Channel Toe
- Channel Center Line
- 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

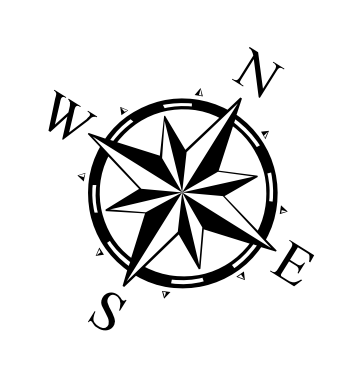
NOAA Bathymetry (DREDGING REACH EXTENT)

0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50

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

Dredging Reach Extent

0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent

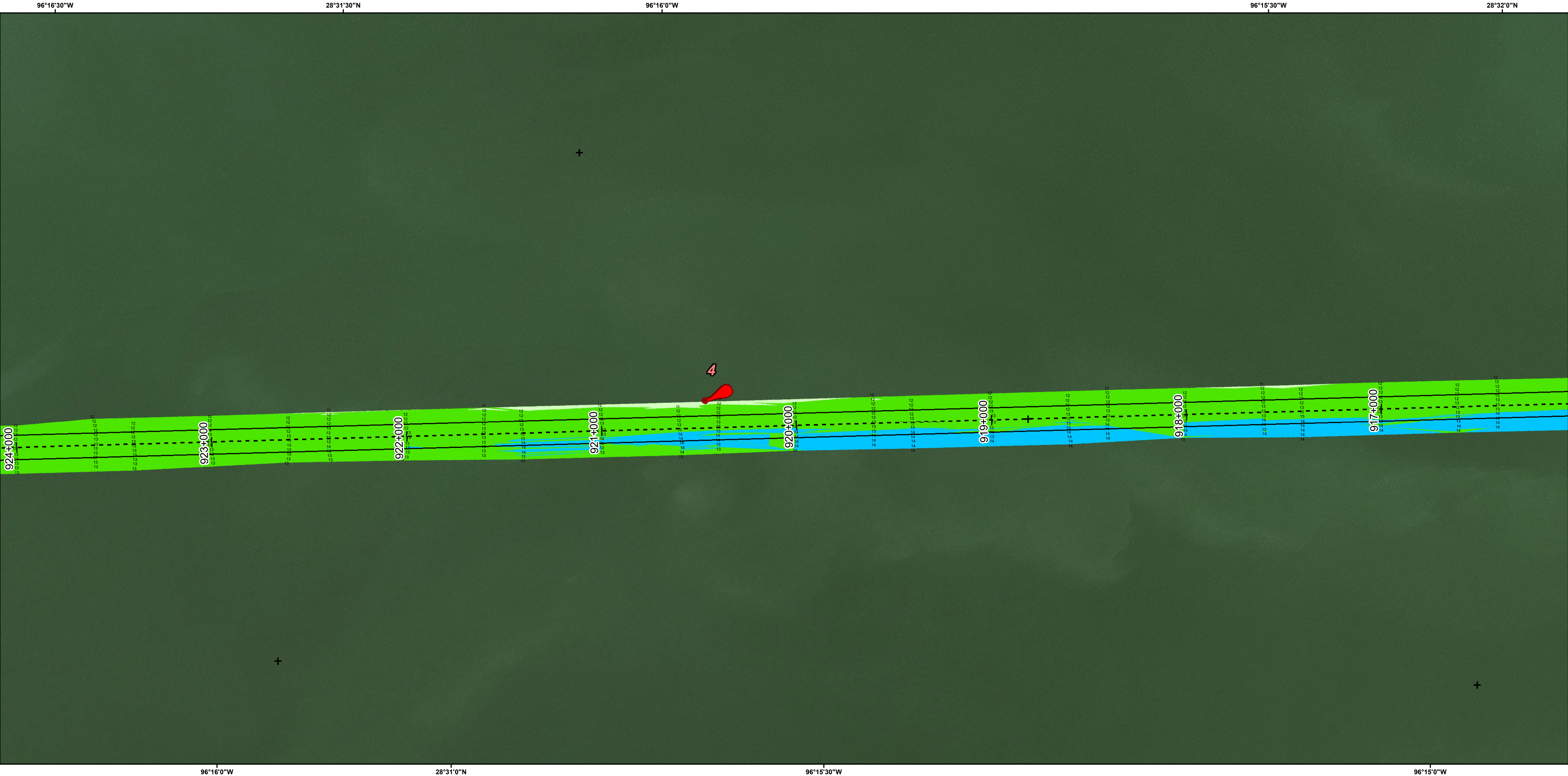
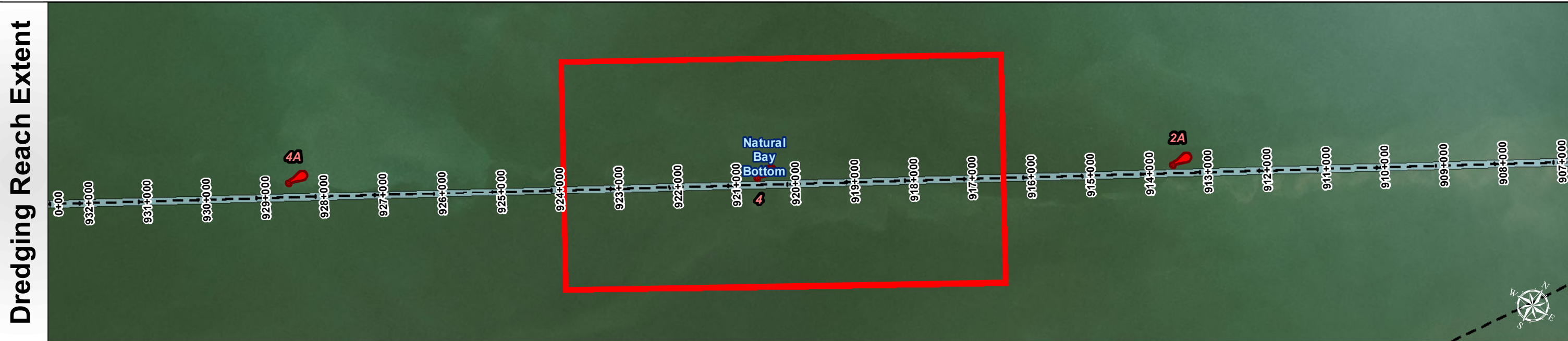
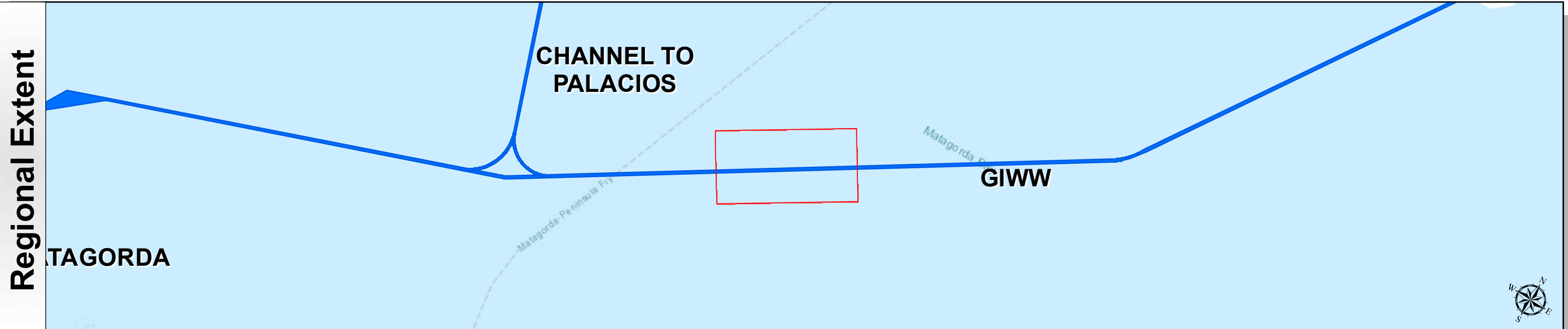
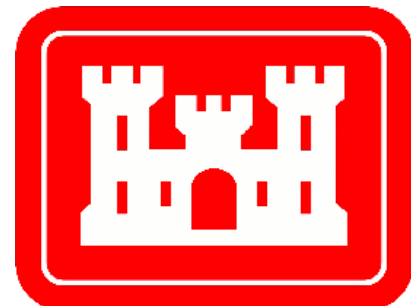
0 260 520 1,040 Feet

Survey Date(s): 28 August 2019	Authorized Depth: -14ft.
Page: 131 of 190	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnnvk	Print Date: 8/28/2019
Additional Info :	

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

Station: 901+423.55 to 972+939.05
GIWW
, TEXAS

Gulf Intracoastal Waterway: Natural Bay Bottom



Channel Features

- Channel Toe
- Channel Center Line
- 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

NOAA Bathymetry (DREDGING REACH EXTENT)

0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50

NOTES:

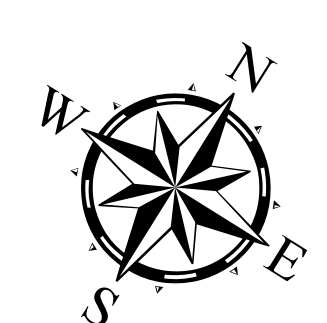
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Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic /Datum: North American 1983

Dredging Reach Extent

0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent

0 260 520 1,040 Feet

Survey Date(s): 28 August 2019	Authorized Depth: -14ft.
Page: 132 of 190	Side Slope Ratio: (Rise : Run)
Map:	Additional Imagery: © DigitalGlobe Inc.
Scale: 1:3,000	Print Date: 8/28/2019
Mapped by: m3odhvk	
Additional Info :	

HYDROGRAPHIC SURVEY

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

Station: 901+423.55 to 972+939.05

GIWW

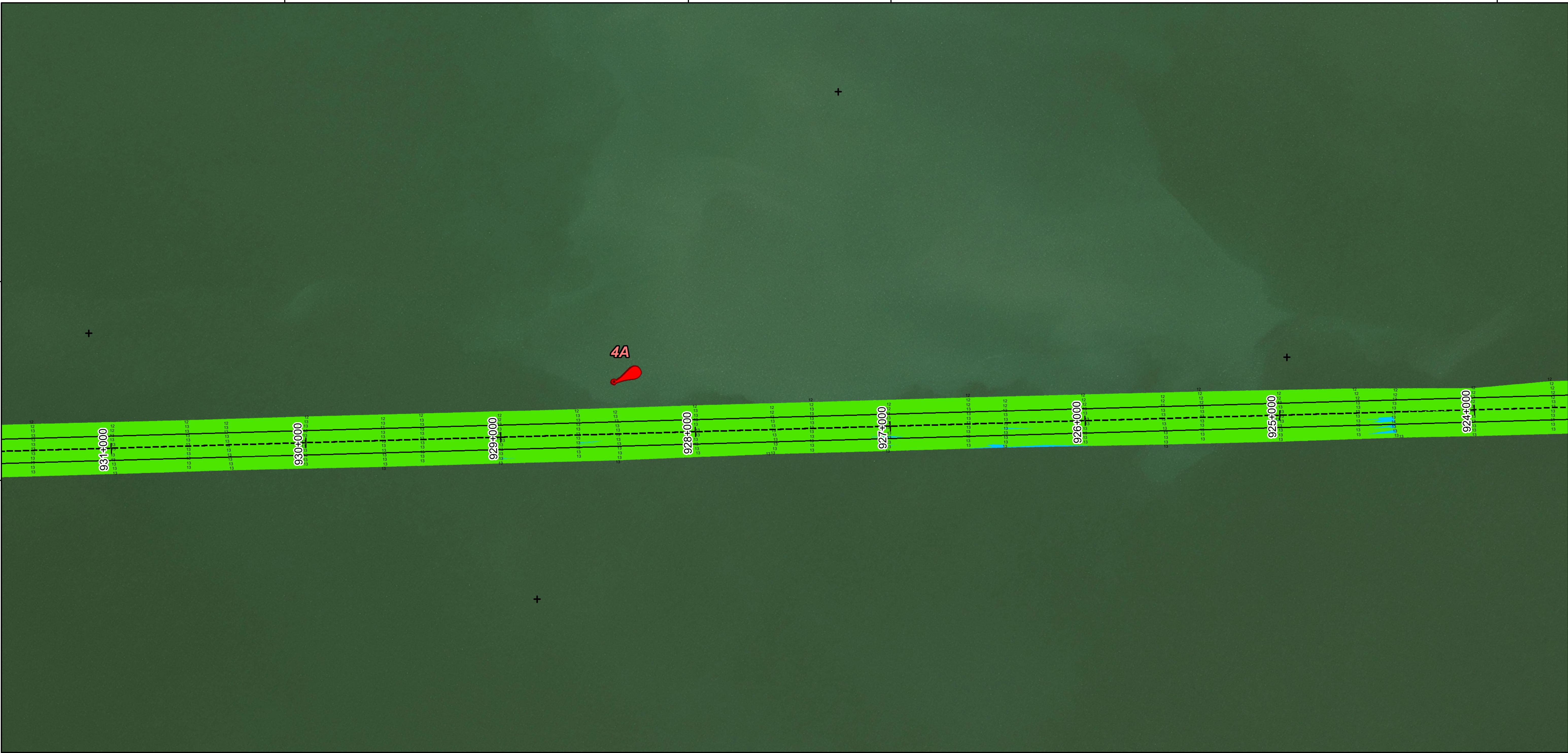
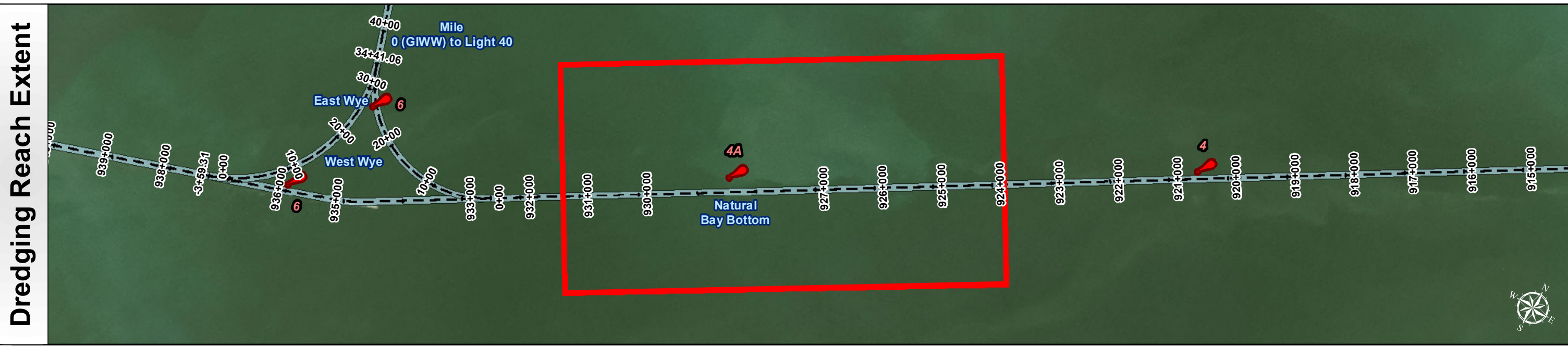
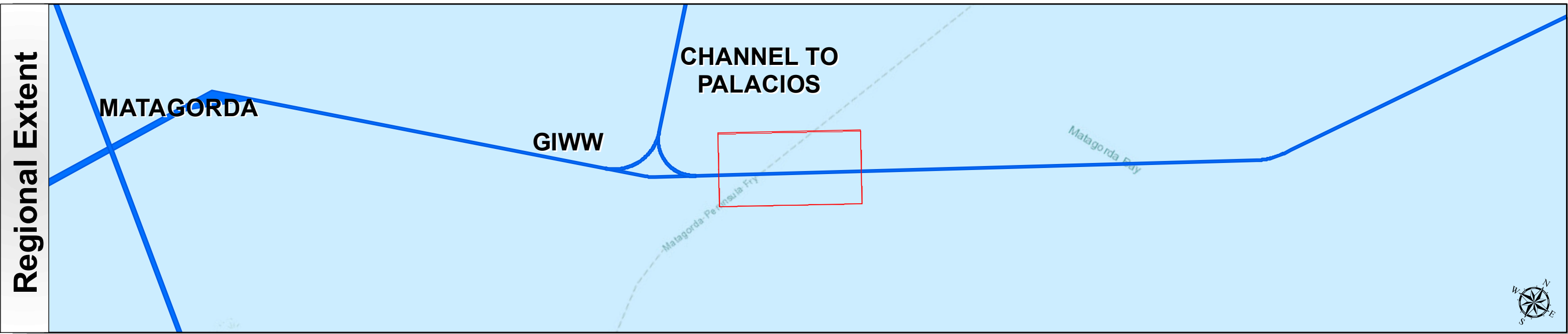
, TEXAS

Gulf Intracoastal Waterway: Natural Bay Bottom



U.S. Army Corps of Engineers
Galveston District





Channel Features

- Channel Toe
- Channel Center Line
- 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

NOAA Bathymetry (DREDGING REACH EXTENT)

0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50

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Projection: Lambert Conformal Conic /Datum: North American 1983

Dredging Reach Extent

0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent

0 260 520 1,040 Feet



Survey Date(s): 28 August 2019	Authorized Depth: -14ft.
Page: 133 of 190	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
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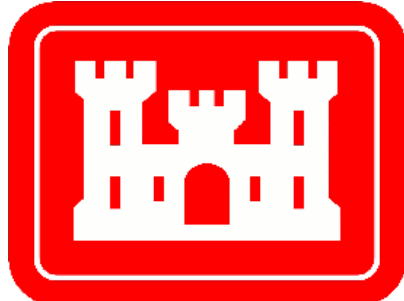
HYDROGRAPHIC SURVEY

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

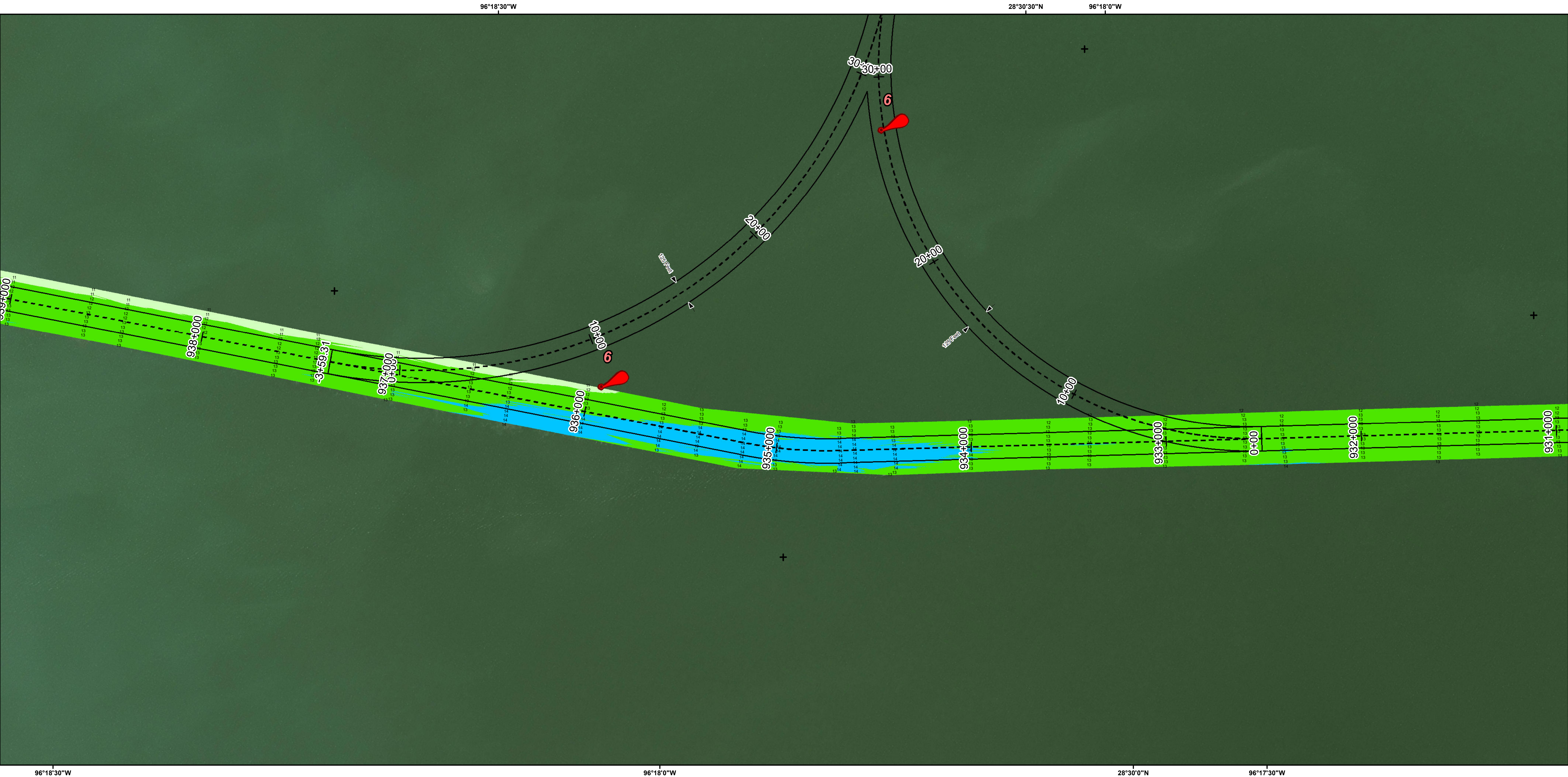
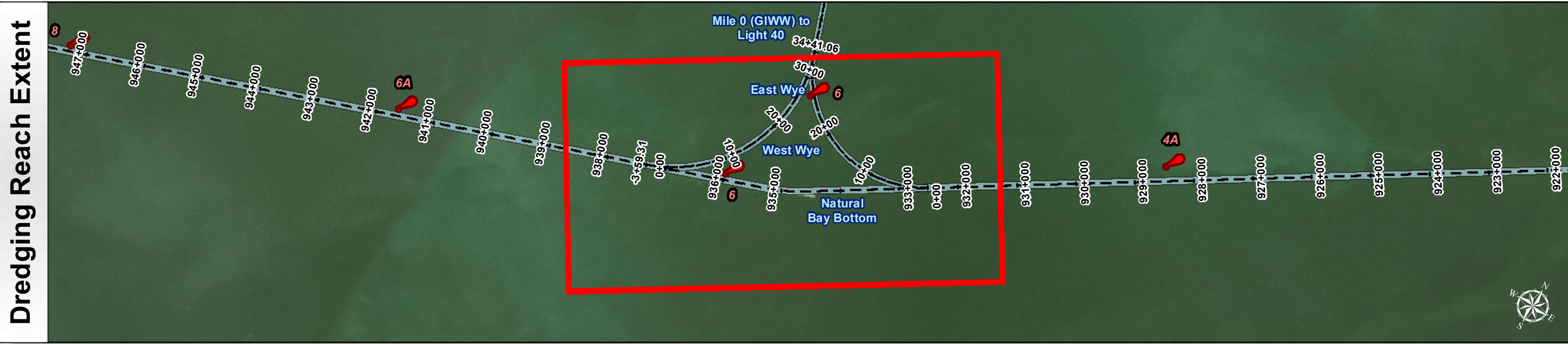
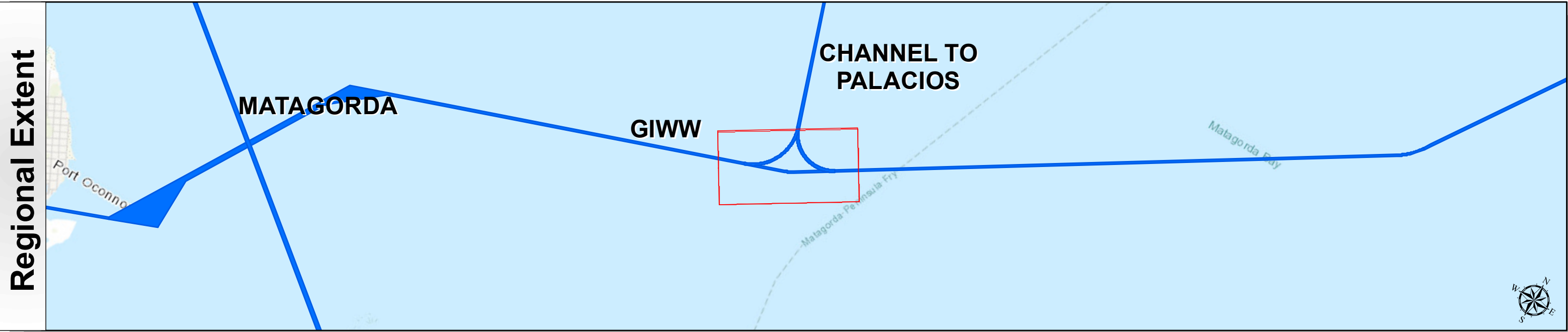
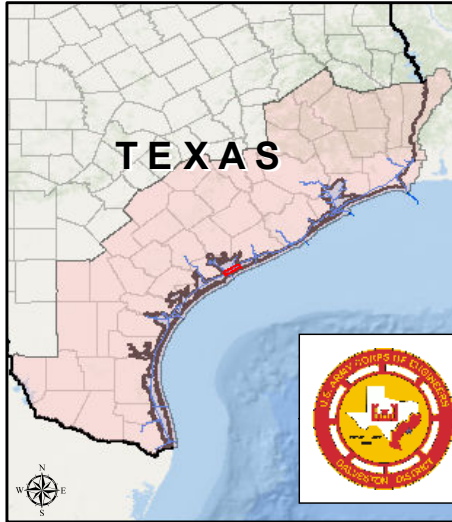
Station: 901+423.55 to 972+939.05

GIWW
, TEXAS

Gulf Intracoastal Waterway: Natural Bay Bottom



U.S. Army Corps of Engineers
Galveston District



Channel Features

- Channel Toe
- Channel Center Line
- 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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NOAA Bathymetry (DREDGING REACH EXTENT)

0 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 50
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Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic /Datum: North American 1983

Dredging Reach Extent

0	0.3	0.6	1.2
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Miles

Hydrographic Survey Extent

0	260	520	1,040
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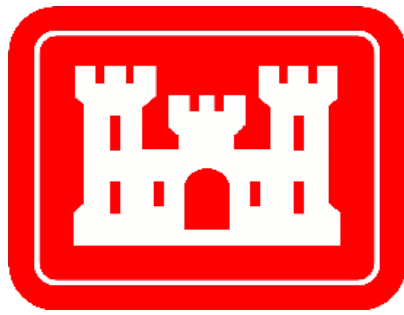
Feet

Survey Date(s): 28 August 2019	Authorized Depth: -14ft.
Page: 134 of 190	Side Slope Ratio: (Rise : Run)
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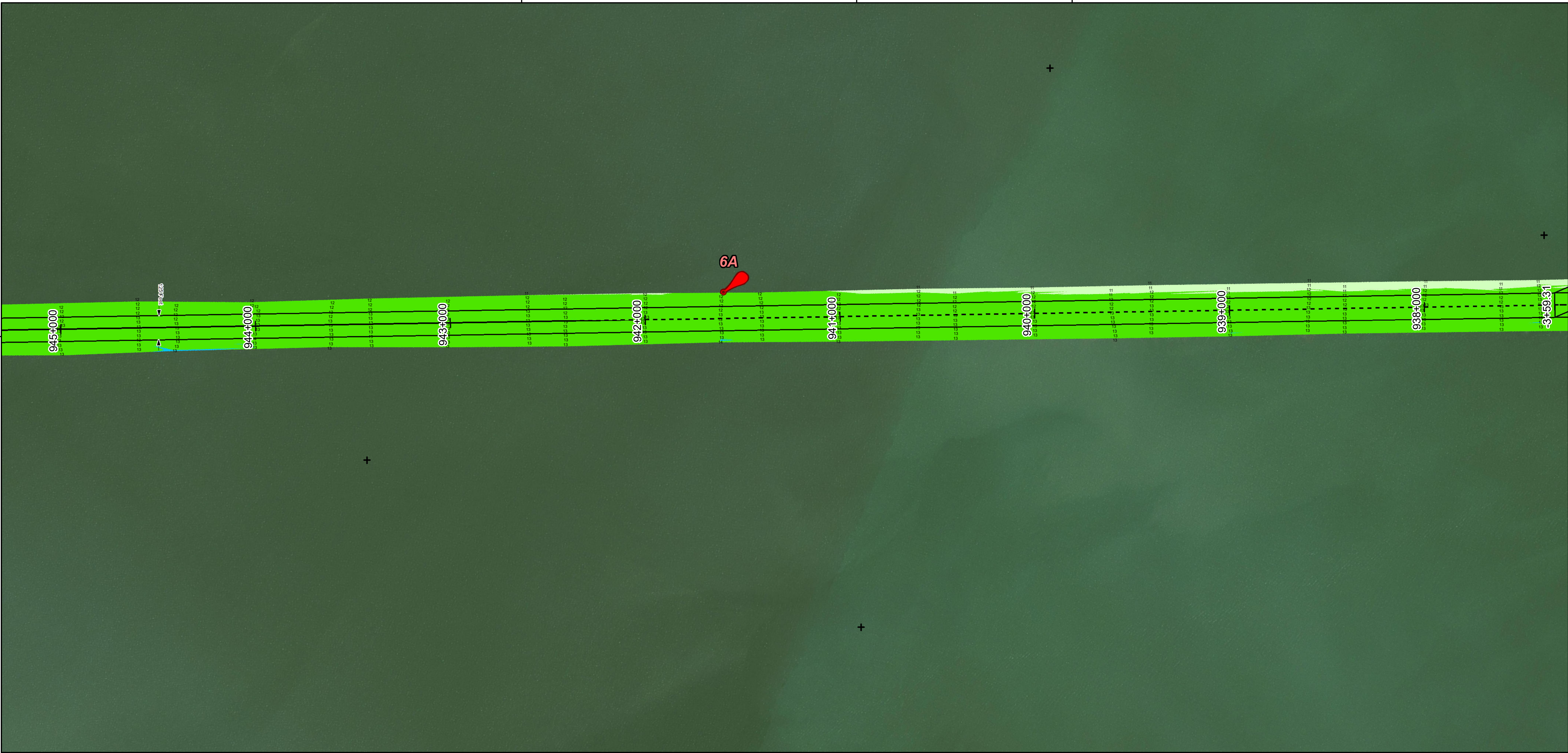
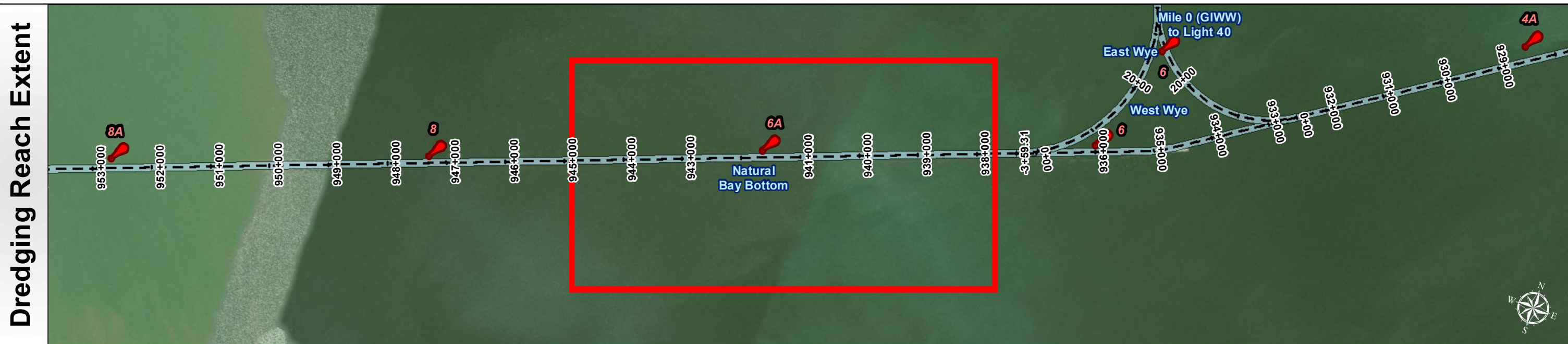
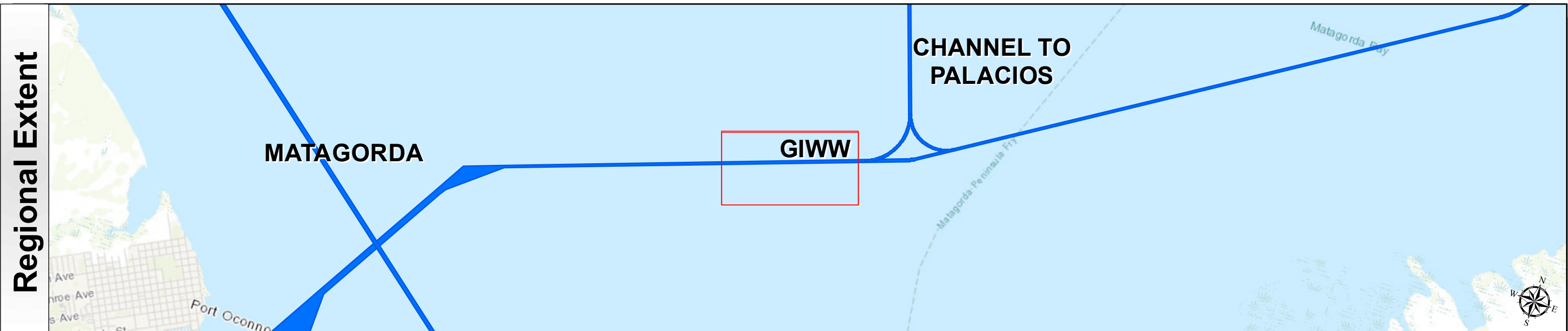
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 901+423.55 to 972+939.05
GIWW
, TEXAS

Gulf Intracoastal Waterway: Natural Bay Bottom



U.S. Army Corps of Engineers
Galveston District



Channel Features

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- Channel Station Lines
- Channel Dimensions

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- 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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NOAA Bathymetry (DREDGING REACH EXTENT)

0 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 50
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Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic /Datum: North American 1983

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

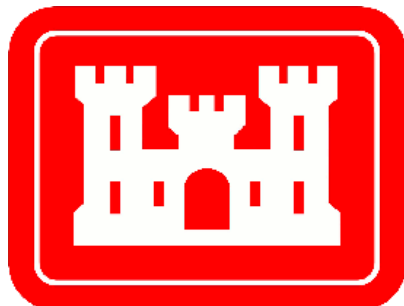
Hydrographic Survey Extent
0 260 520 1,040 Feet

Survey Date(s): 28 August 2019	Authorized Depth: -14ft.
Page: 135 of 190	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnnvk	Print Date: 8/28/2019
Additional Info :	

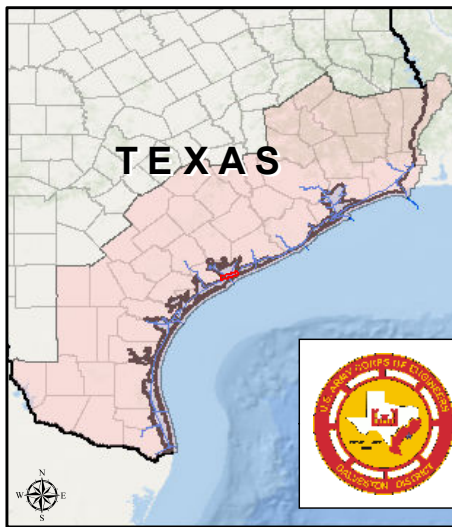
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 901+423.55 to 972+939.05
GIWW
, TEXAS

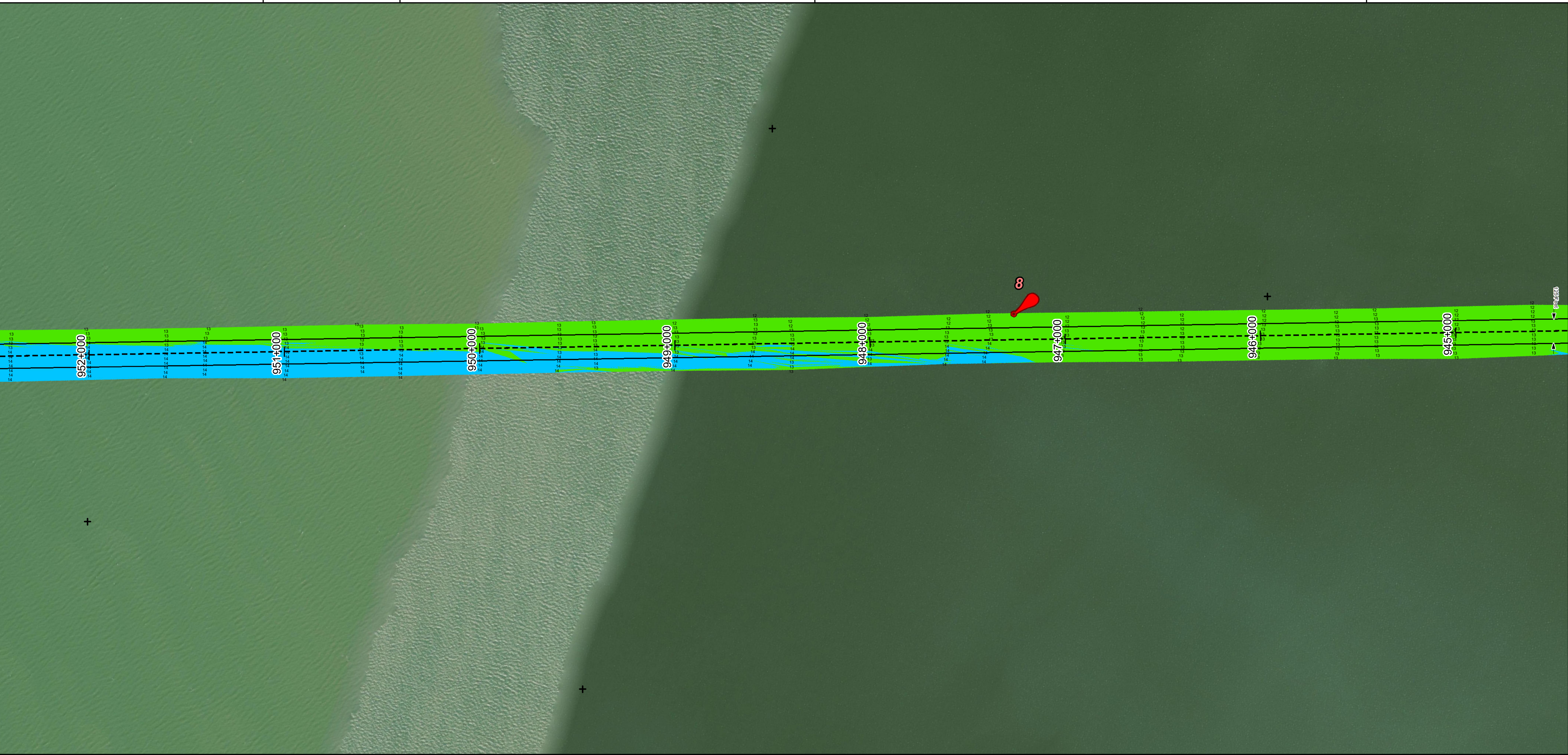
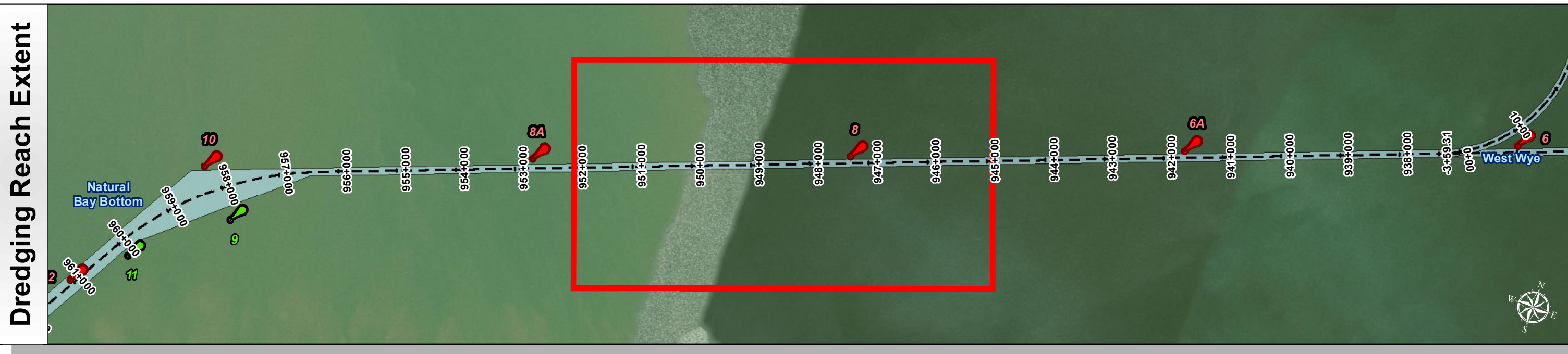
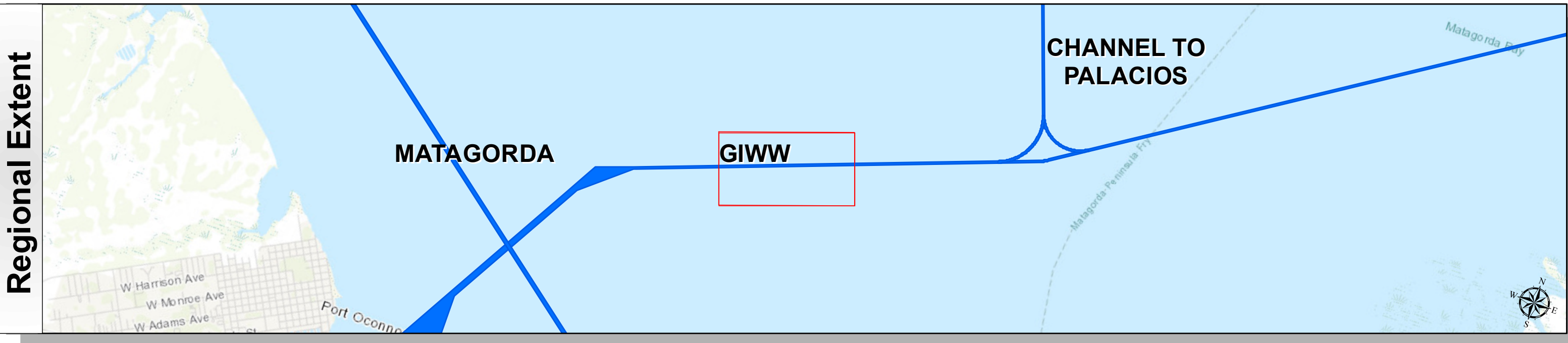
Gulf Intracoastal Waterway: Natural Bay Bottom



U.S. Army Corps of Engineers
Galveston District



Regional Extent



Channel Features

- Channel Toe
- Channel Center Line
- 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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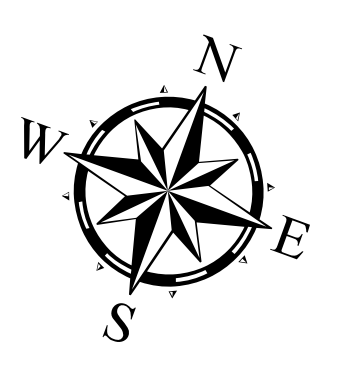
NOAA Bathymetry (DREDGING REACH EXTENT)

0 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 50
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NOTES:

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

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 260 520 1,040 Feet

Survey Date(s): 28 August 2019	Authorized Depth: -14ft.
Page: 136 of 190	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odhvk	Print Date: 8/28/2019
Additional Info :	

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

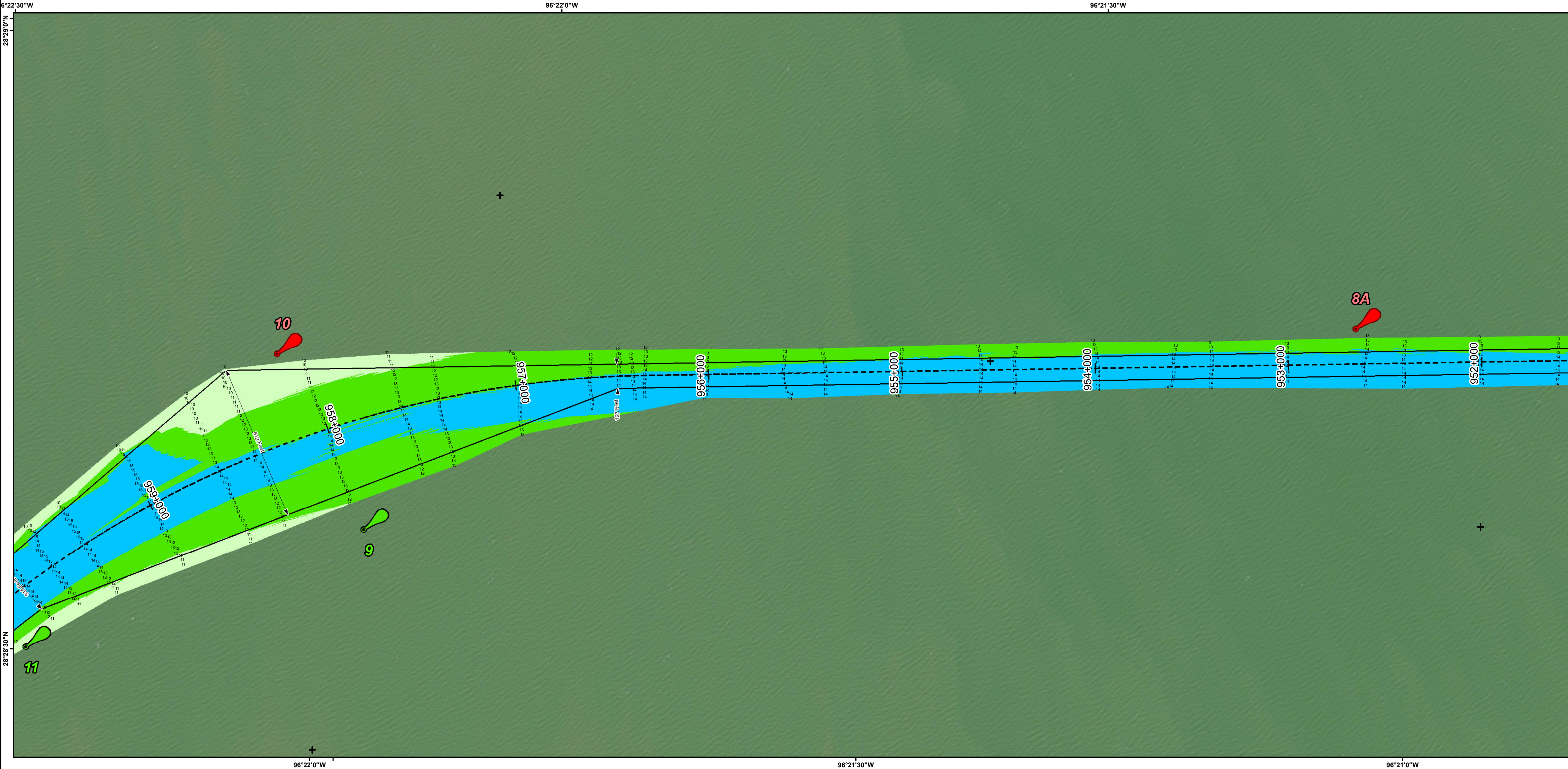
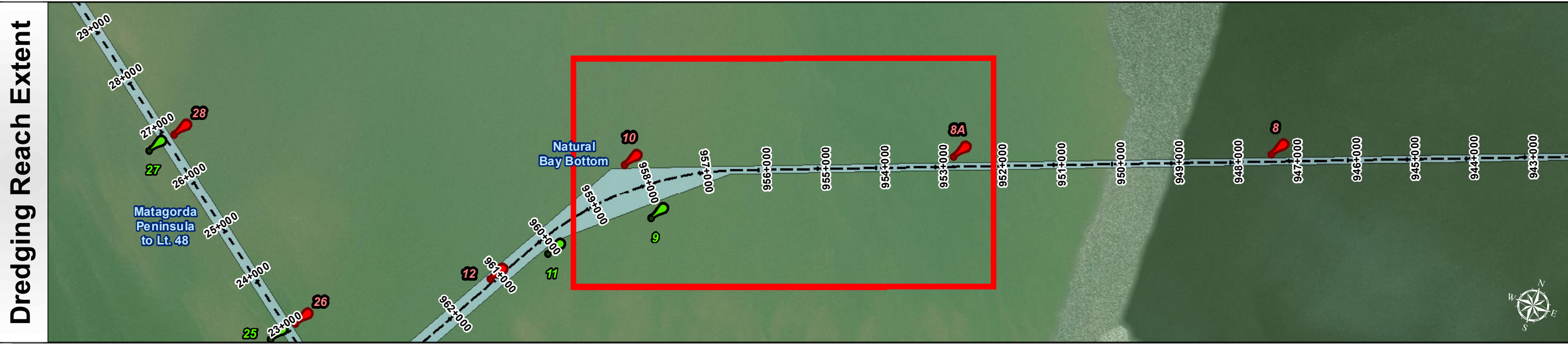
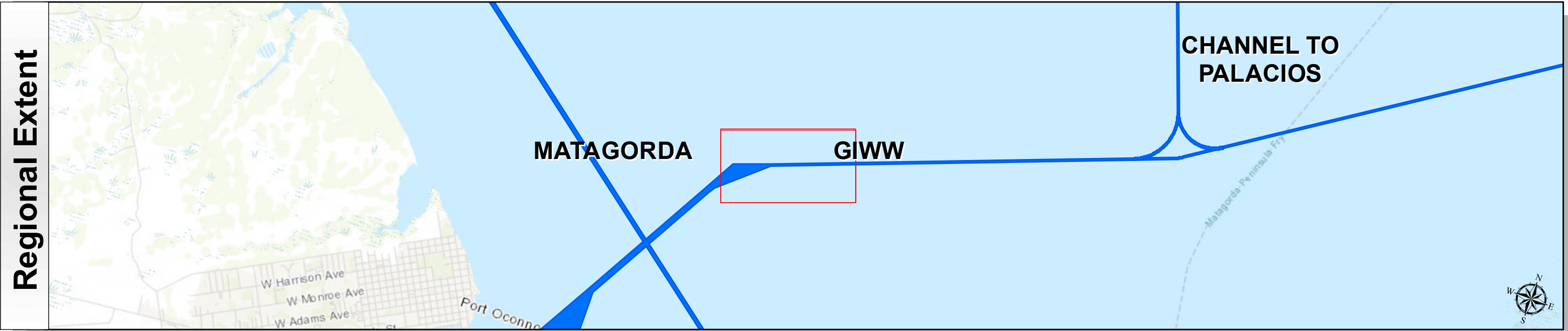
Station: 901+423.55 to 972+939.05
GIWW
, TEXAS

Gulf Intracoastal Waterway: Natural Bay Bottom



U.S. Army Corps of Engineers
Galveston District





Channel Features

- Channel Toe
- Channel Center Line
- 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

NOAA Bathymetry (DREDGING REACH EXTENT)

0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50

NOTES:

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

Dredging Reach Extent

0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent

0 260 520 1,040 Feet

Survey Date(s): 28 August 2019	Authorized Depth: -14ft.
Page: 137 of 190	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnnvk	Print Date: 8/28/2019
Additional Info :	

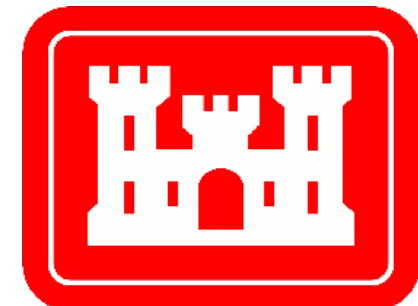
HYDROGRAPHIC SURVEY

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

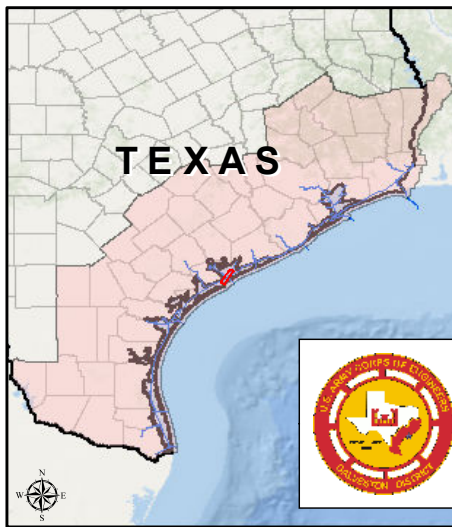
Station: 901+423.55 to 972+939.05

GIWW
, TEXAS

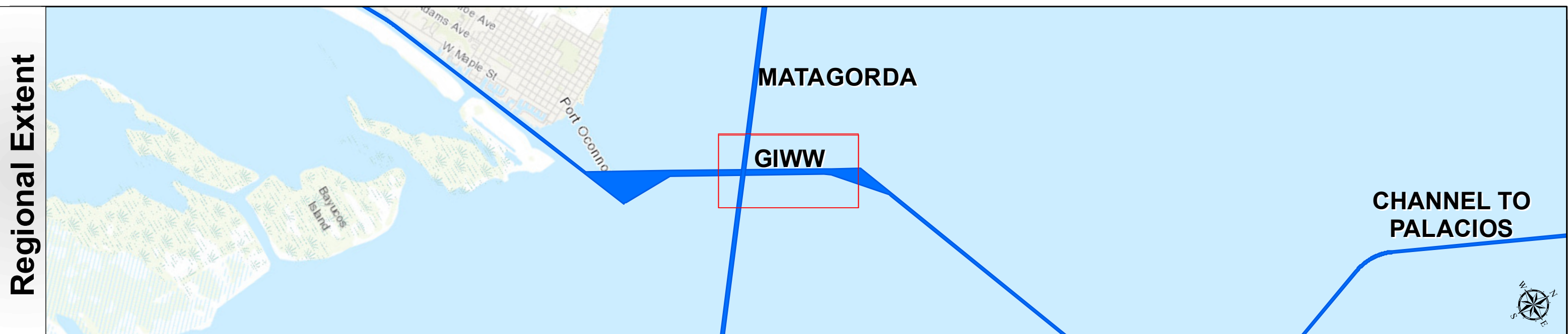
Gulf Intracoastal Waterway: Natural Bay Bottom



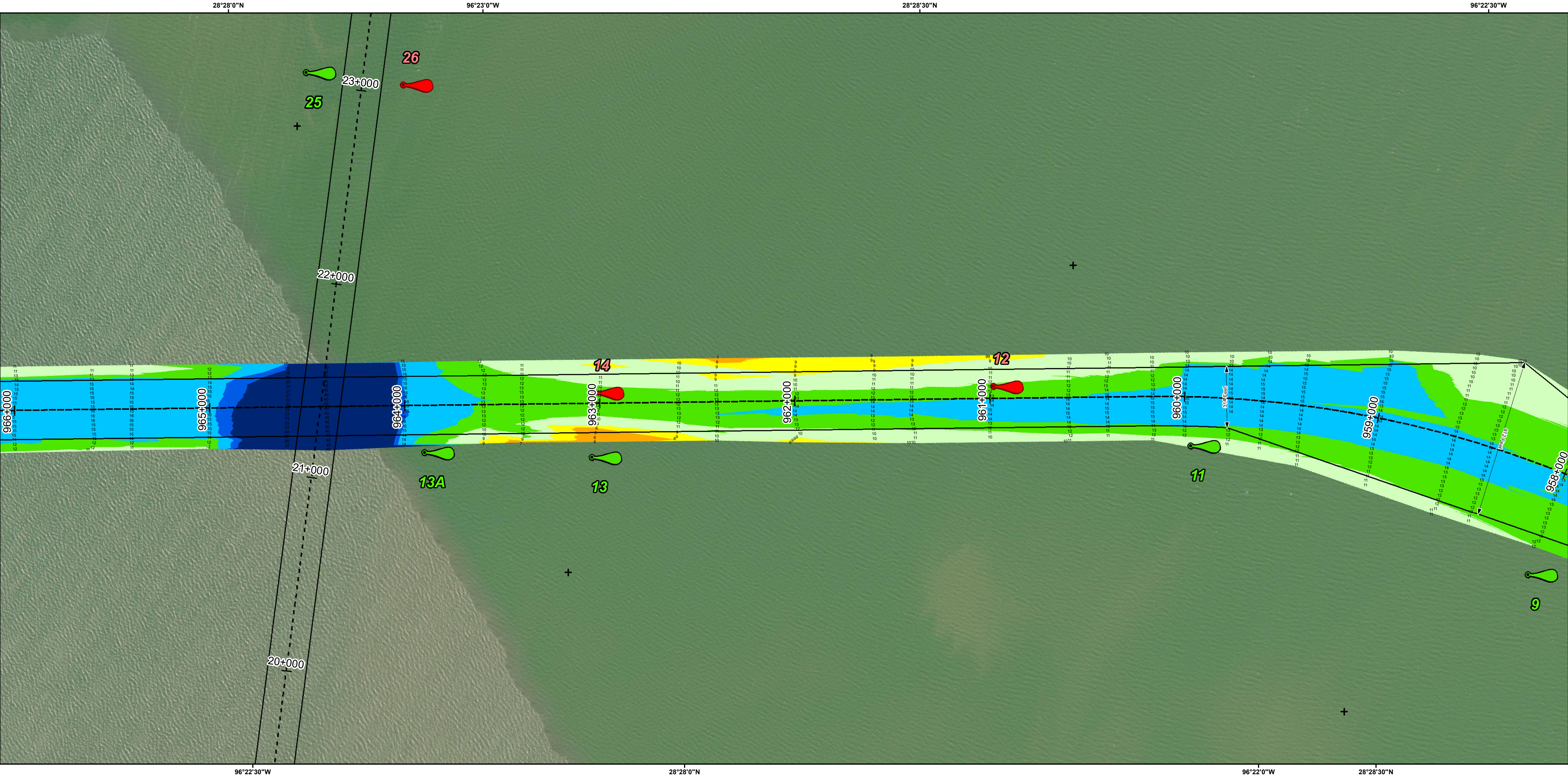
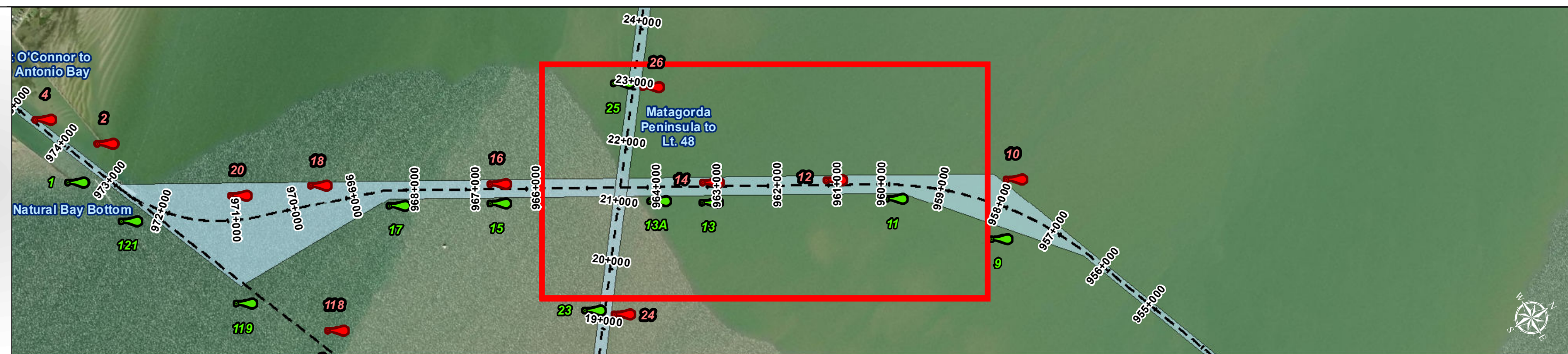
U.S. Army Corps of Engineers
Galveston District



Regional Extent



Dredging Reach Extent



Channel Features

- Channel Toe
- Channel Center Line
- 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

NOAA Bathymetry (DREDGING REACH EXTENT)

0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50

NOTES:

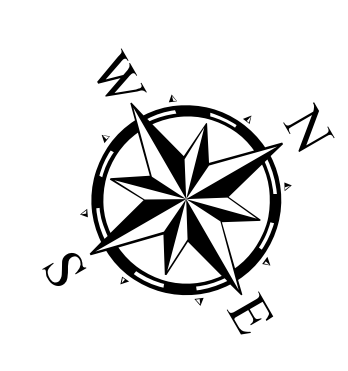
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Dredging Reach Extent

0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent

0 260 520 1,040 Feet

Survey Date(s): 28 August 2019	Authorized Depth: -14ft.
Page: 138 of 190	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
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HYDROGRAPHIC SURVEY

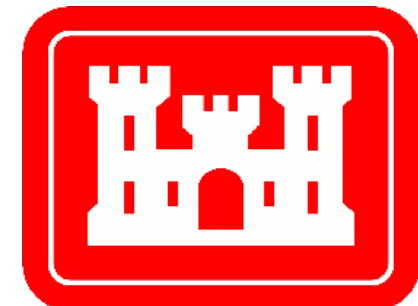
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 901+423.55 to 972+939.05

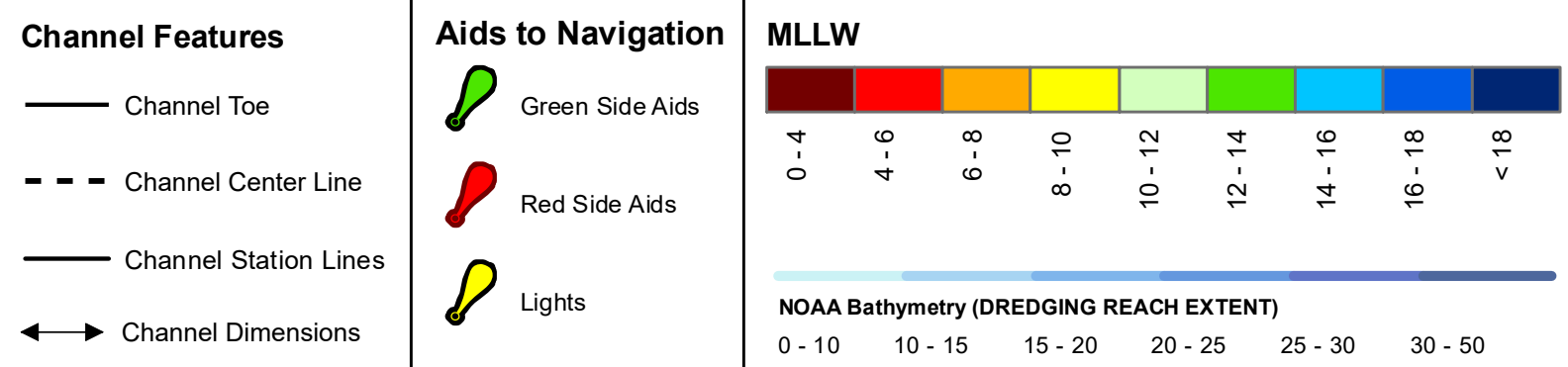
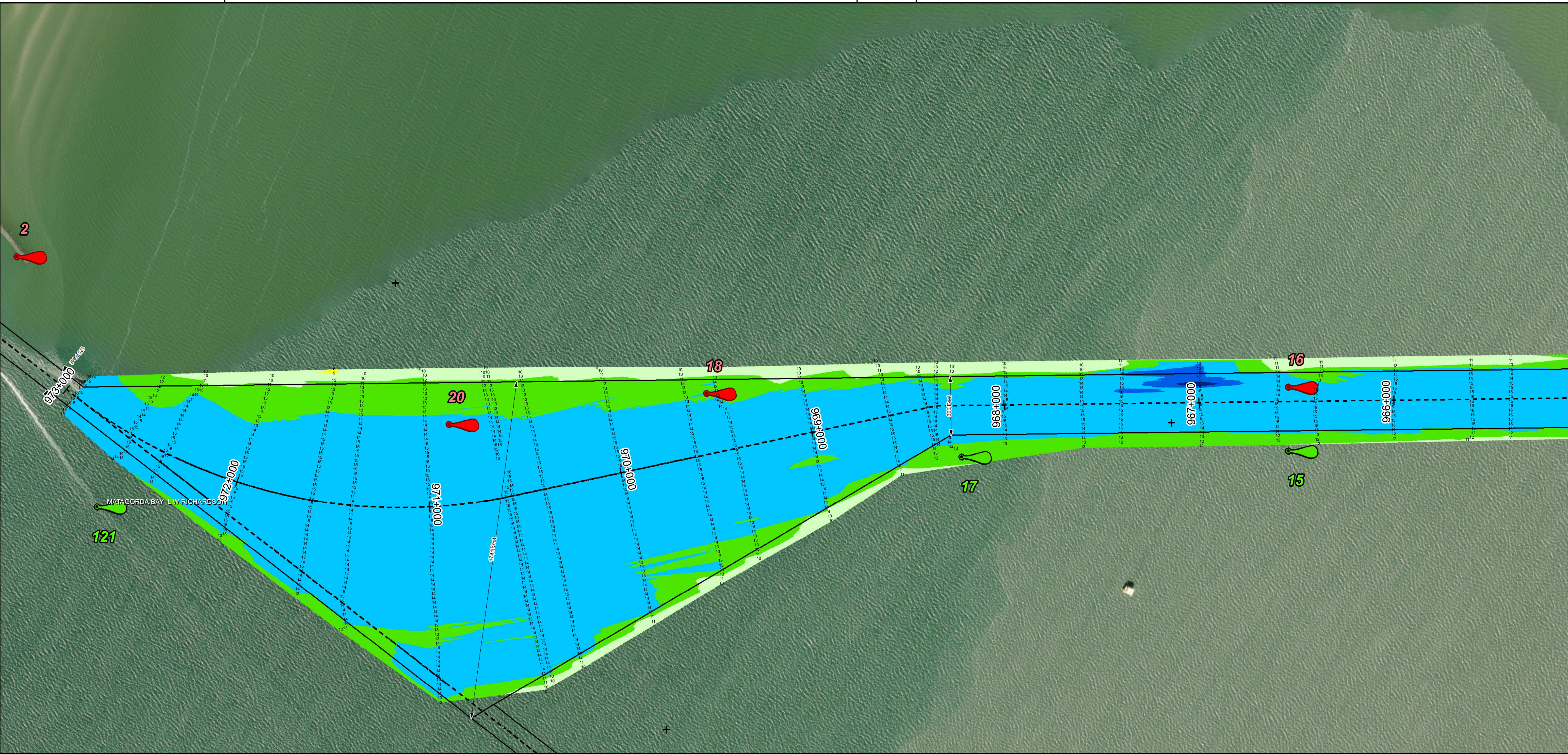
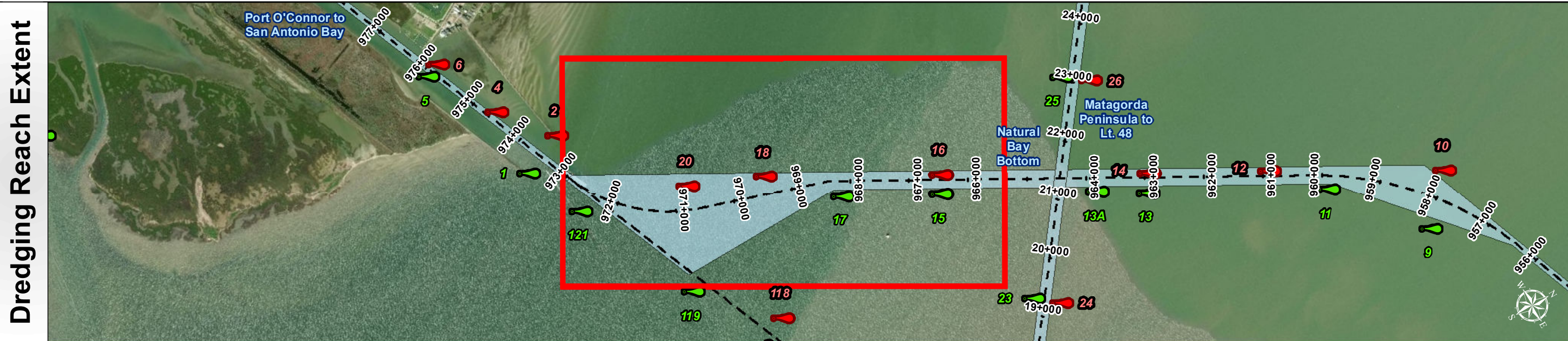
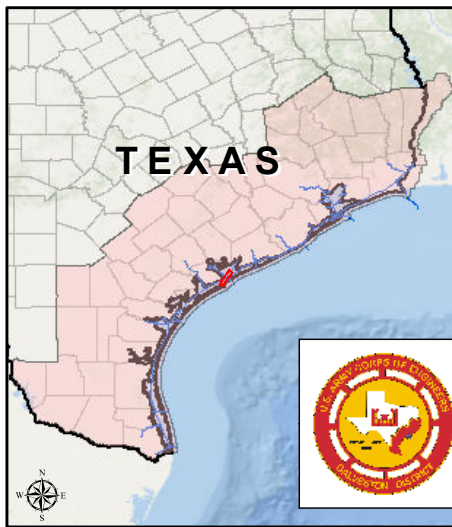
GIWW

, TEXAS

Gulf Intracoastal Waterway: Natural Bay Bottom



U.S. Army Corps of Engineers
Galveston District



NOTES:

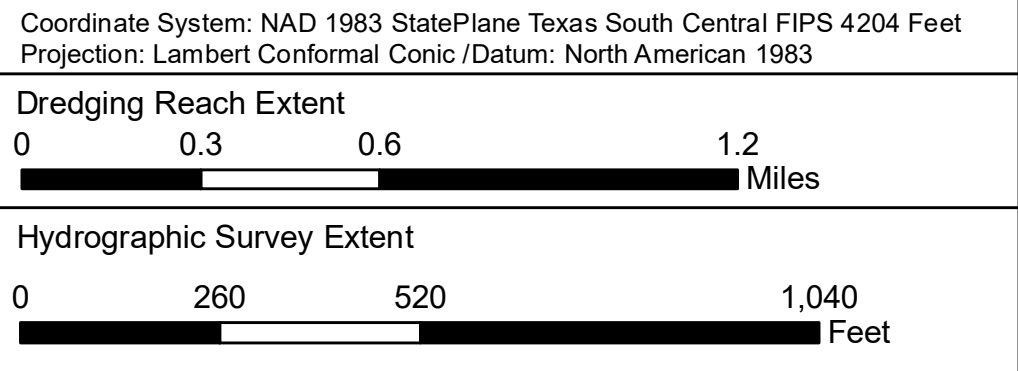
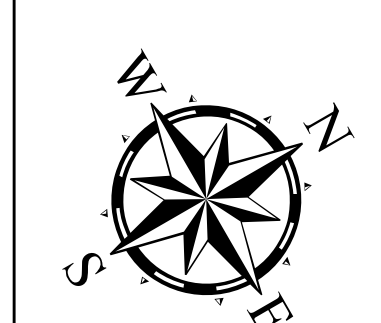
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