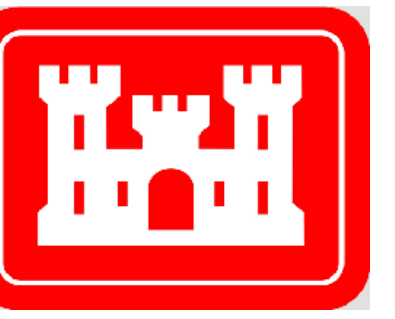
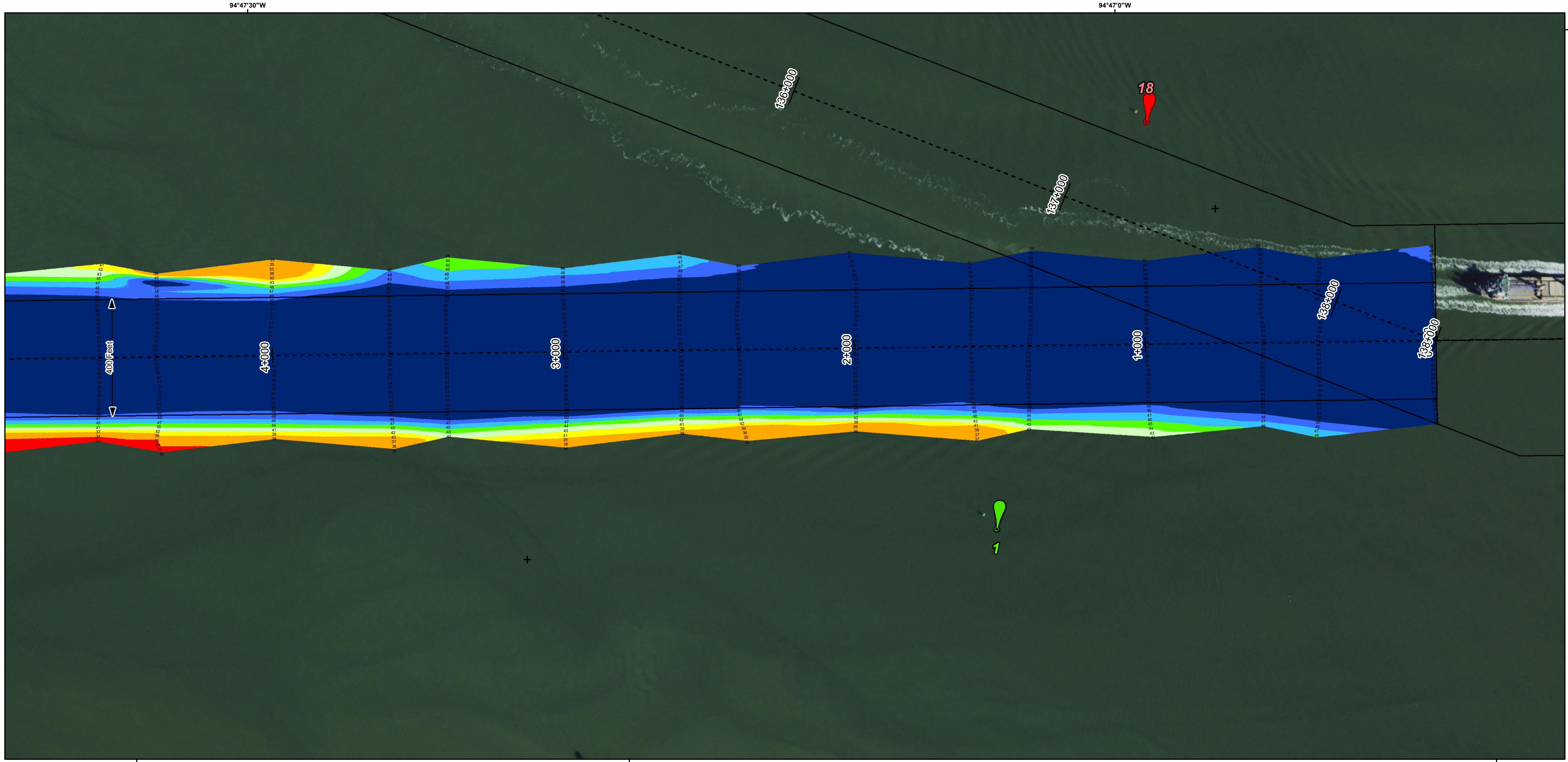
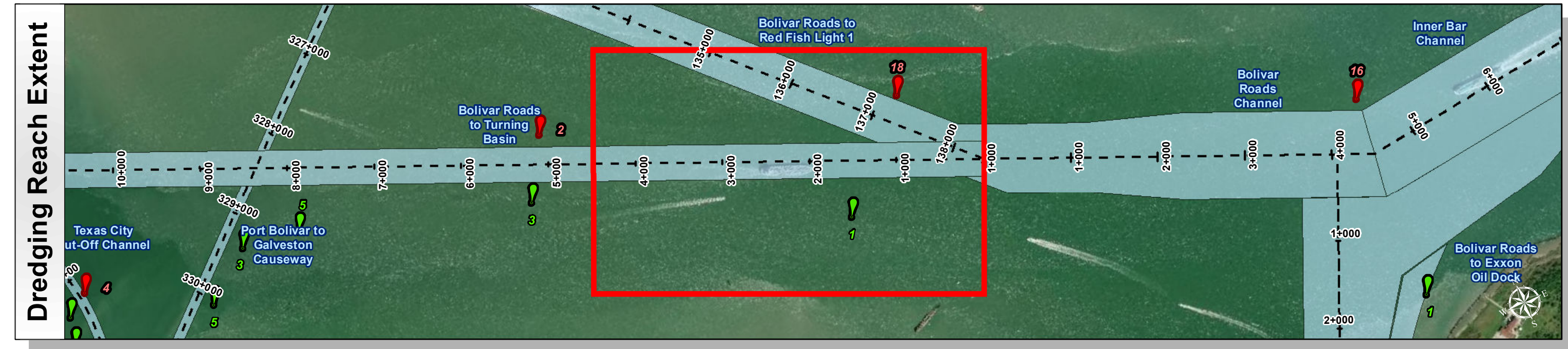


Texas City Harbor Channel: Bolivar Roads to Turning Basin



U.S. Army Corps of Engineers
Galveston District



Survey Date(s): 01 July 2019	Authorized Depth: -46ft.
Page: 1 of 12	Side Slope Ratio: (Rise : Run)
Map:	Additional Imagery: © DigitalGlobe Inc.
Scale: 1:2,000	Print Date: 7/16/2019
Mapped by: m3odmrvk	
Additional Info:	

Channel Features

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

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	< 50
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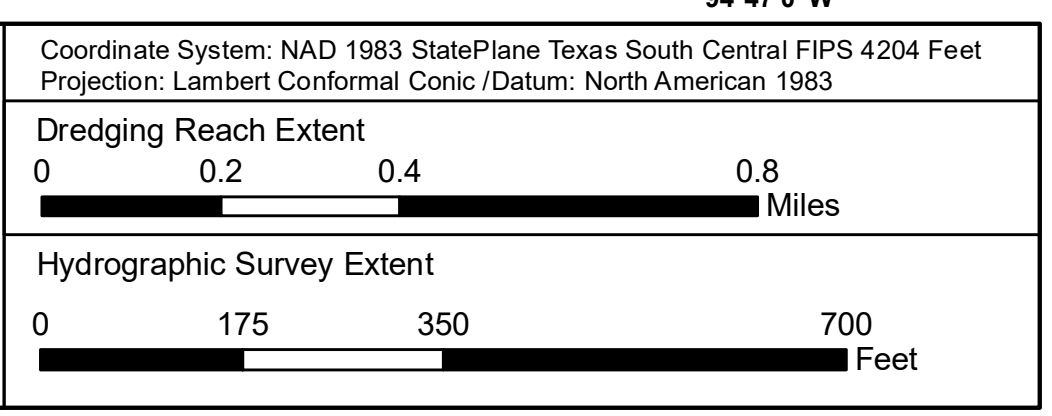
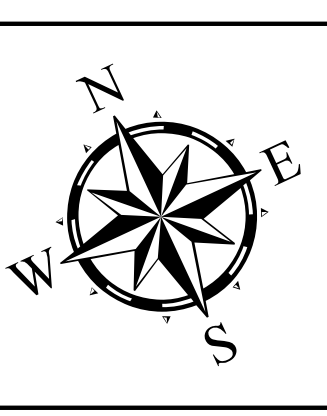
NOAA Bathymetry (DREDGING REACH EXTENT)

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

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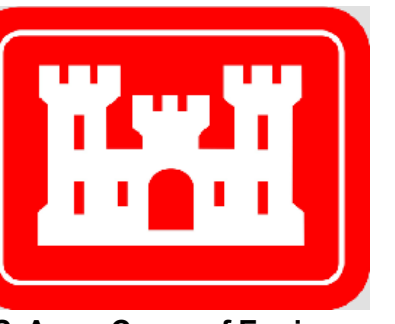
Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community
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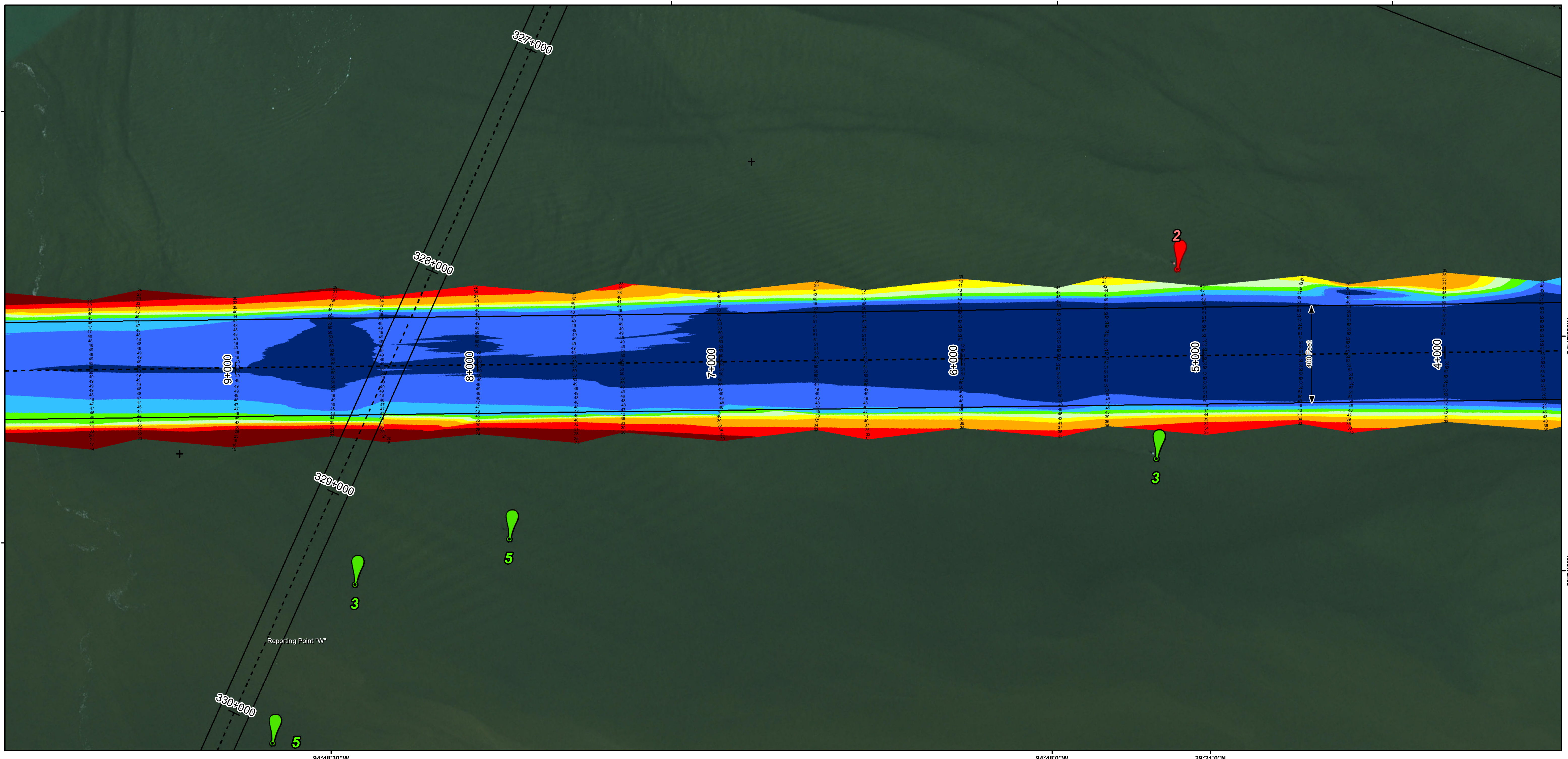
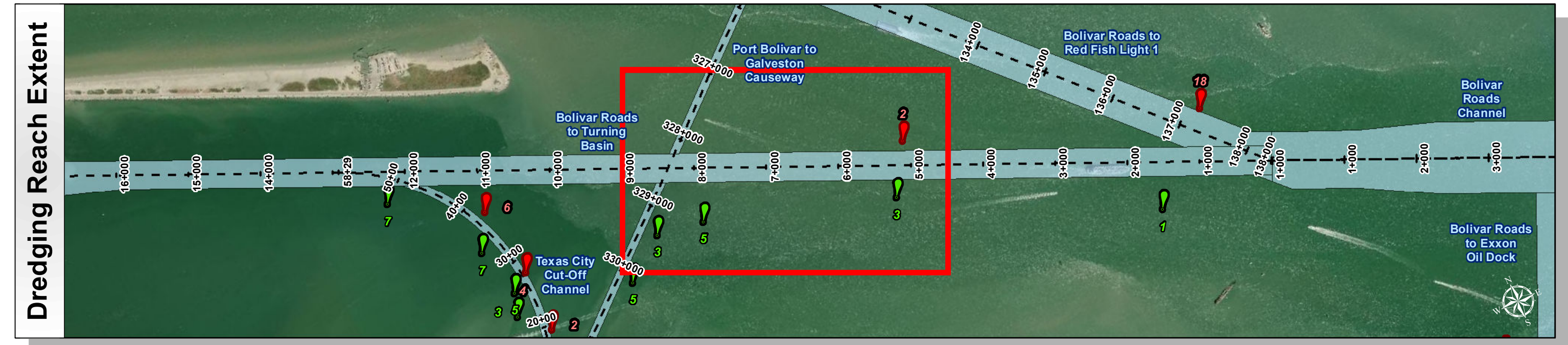
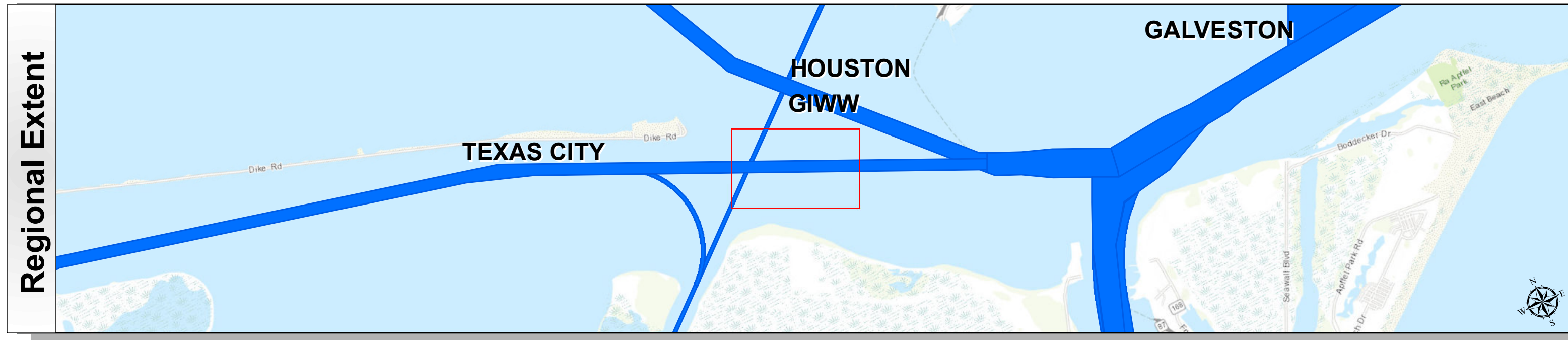
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 36+200.7
TEXAS CITY
TEXAS CITY, TEXAS

Texas City Harbor Channel: Bolivar Roads to Turning Basin



U.S. Army Corps of Engineers
Galveston District

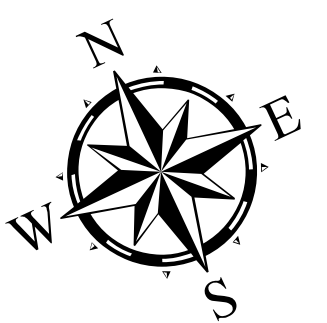


Channel Features	Aids to Navigation	MLLW
<ul style="list-style-type: none"> Channel Toe Channel Center Line Channel Station Lines Channel Dimensions 	<ul style="list-style-type: none"> Green Side Aids Red Side Aids Lights 	<p>NOAA Bathymetry (DREDGING REACH EXTENT)</p>

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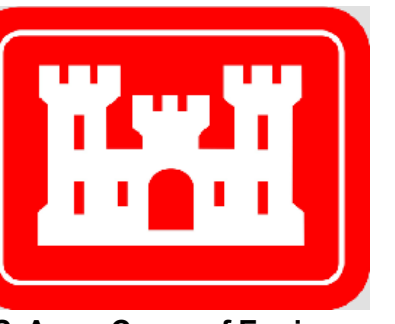
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet Projection: Lambert Conformal Conic/Datum: North American 1983
Dredging Reach Extent 0 0.25 0.5 1 Miles
Hydrographic Survey Extent 0 210 420 840 Feet

Survey Date(s): 01 July 2019	Authorized Depth: -46ft.
Page: 2 of 12	Side Slope Ratio: (Rise : Run)
Scale: 1:2,400	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odmrvk	Print Date: 7/16/2019
Additional Info :	

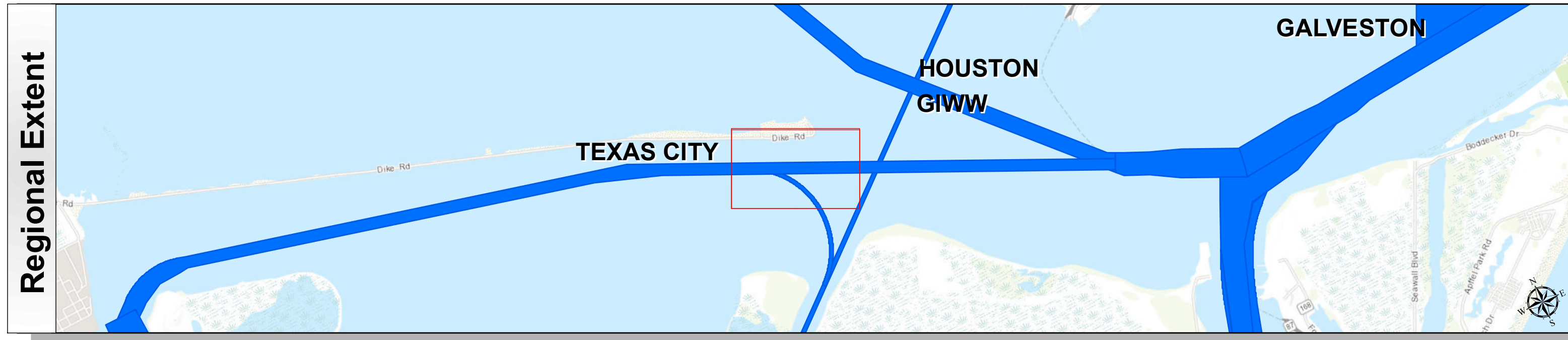
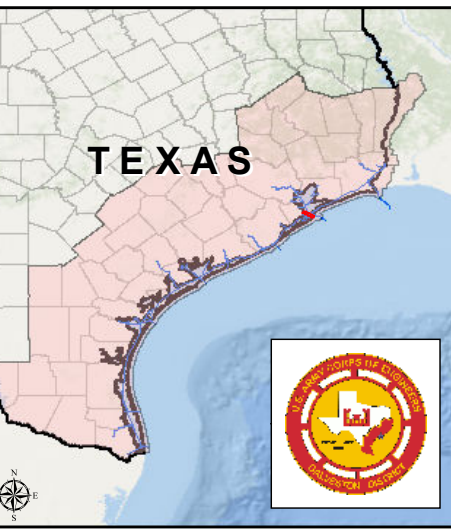
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 36+200.7
TEXAS CITY
TEXAS CITY, TEXAS

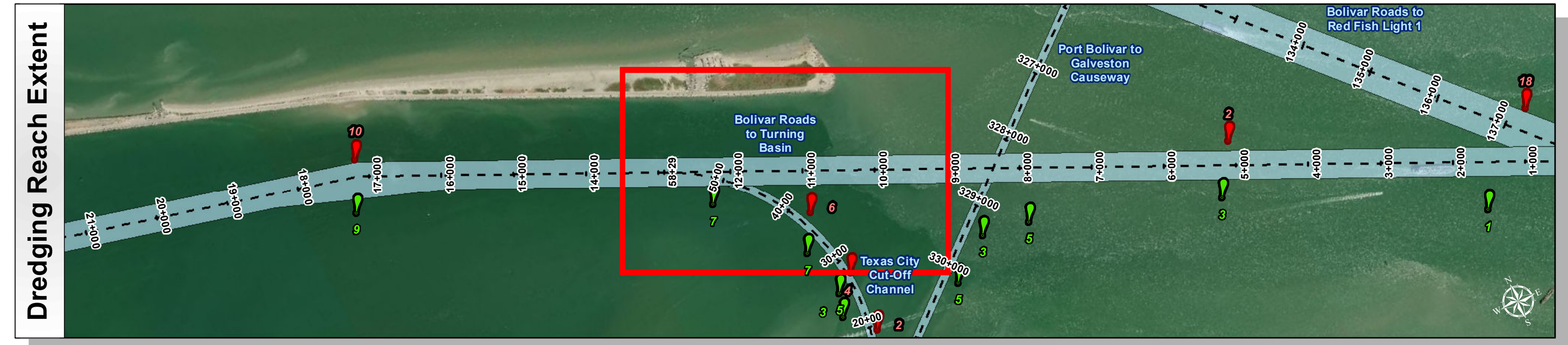
Texas City Harbor Channel: Bolivar Roads to Turning Basin



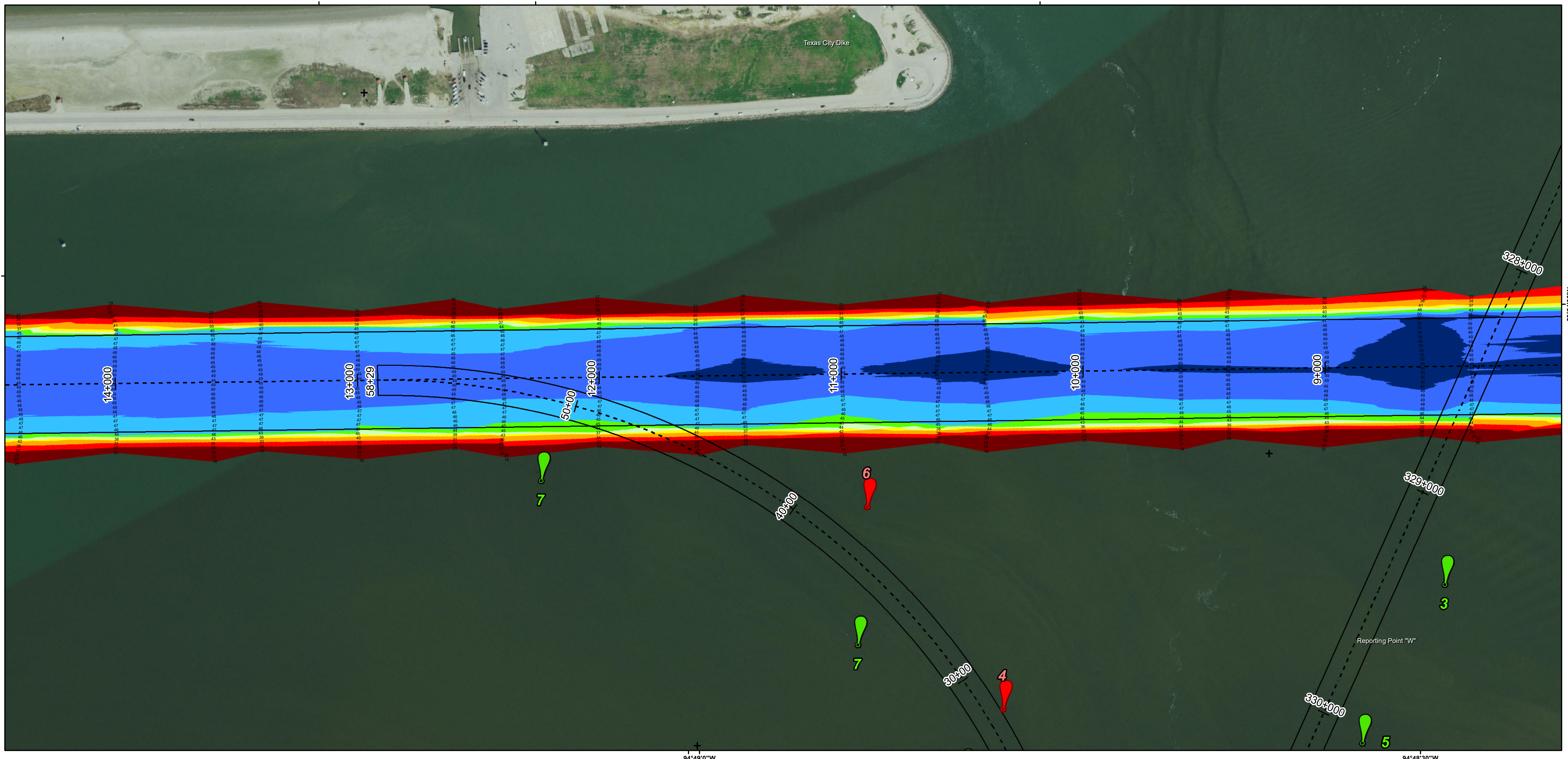
U.S. Army Corps of Engineers
Galveston District



Regional Extent



Dredging Reach Extent



Survey Date(s): 01 July 2019	Authorized Depth: -46ft.
Page: 3 of 12	Side Slope Ratio: (Rise : Run)
Scale: 1:2,400	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odmrvk	Print Date: 7/16/2019
Additional Info :	

Channel Features

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- Channel Center Line
- Channel Station Lines
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 30
30 - 35
35 - 40
40 - 42
42 - 44
44 - 46
46 - 48
48 - 50
< 50

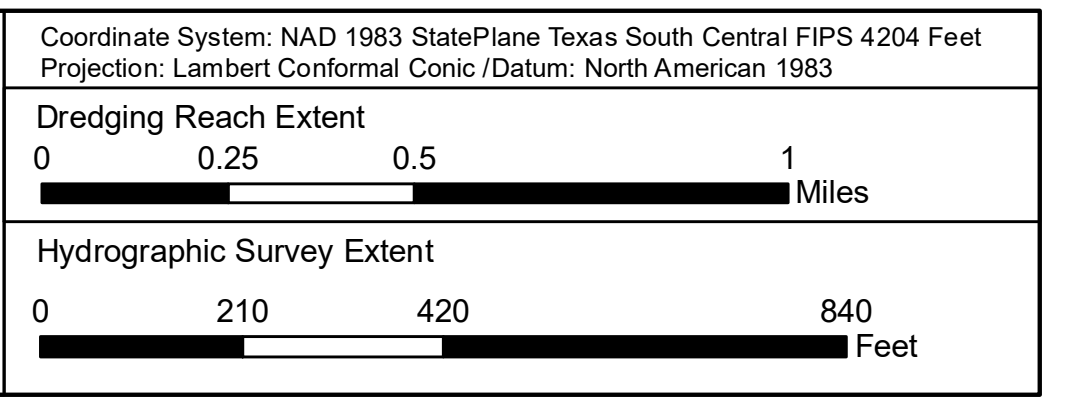
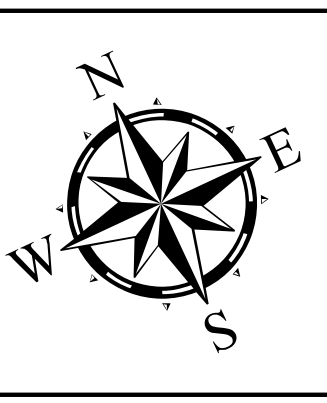
NOAA Bathymetry (DREDGING REACH EXTENT)

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

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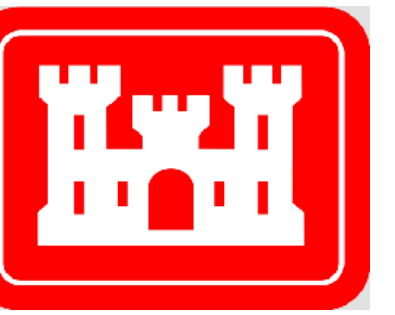
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Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community
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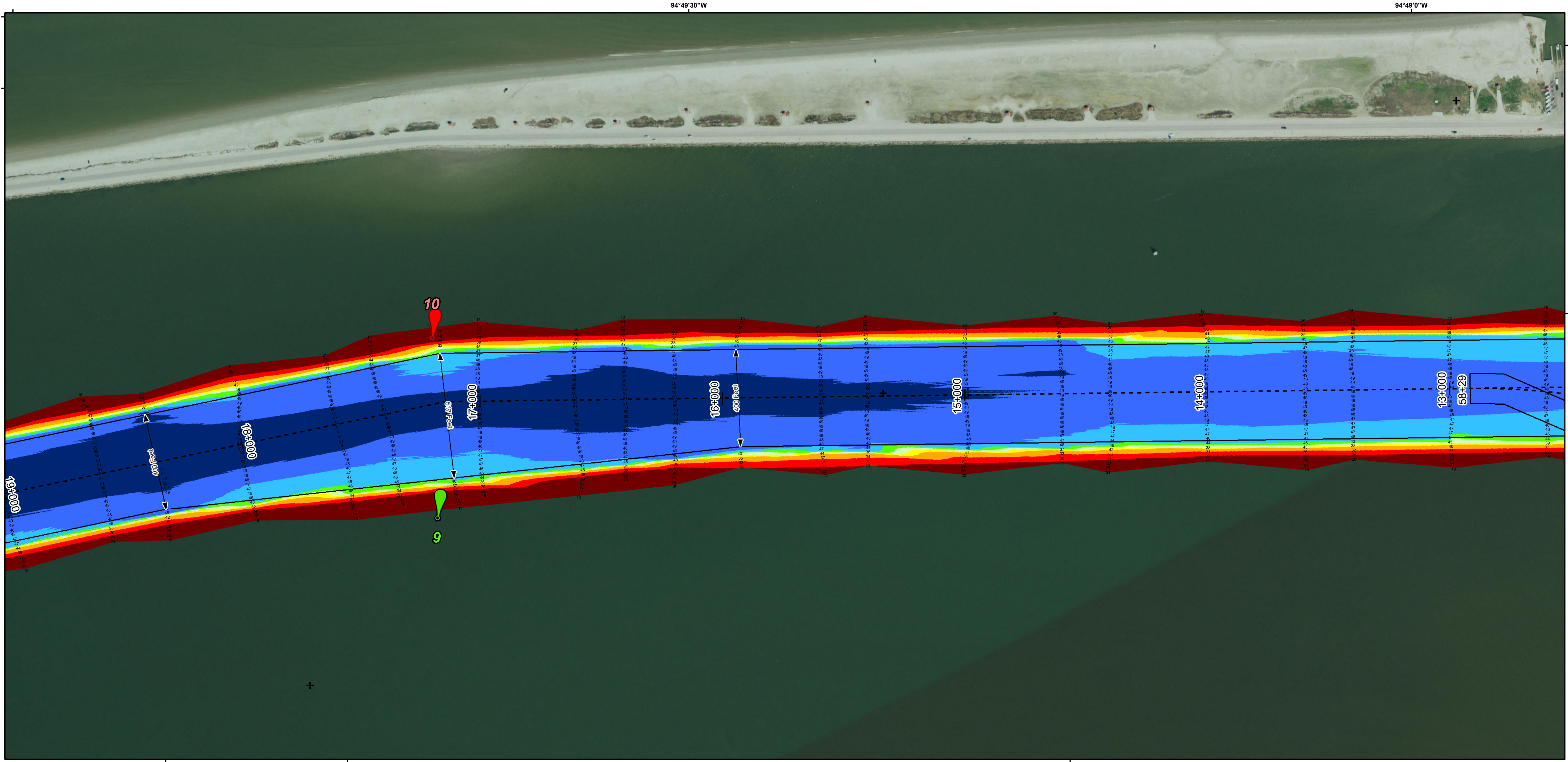
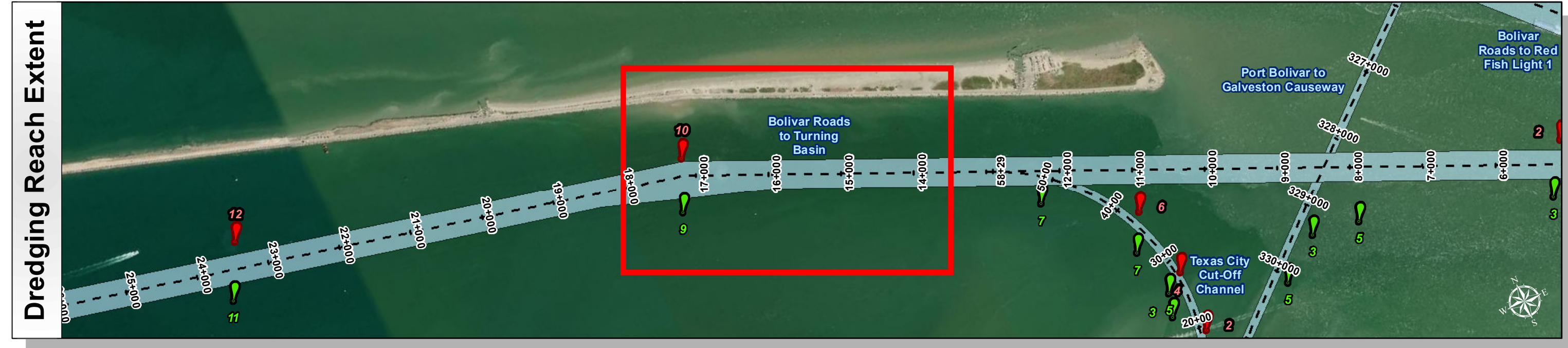
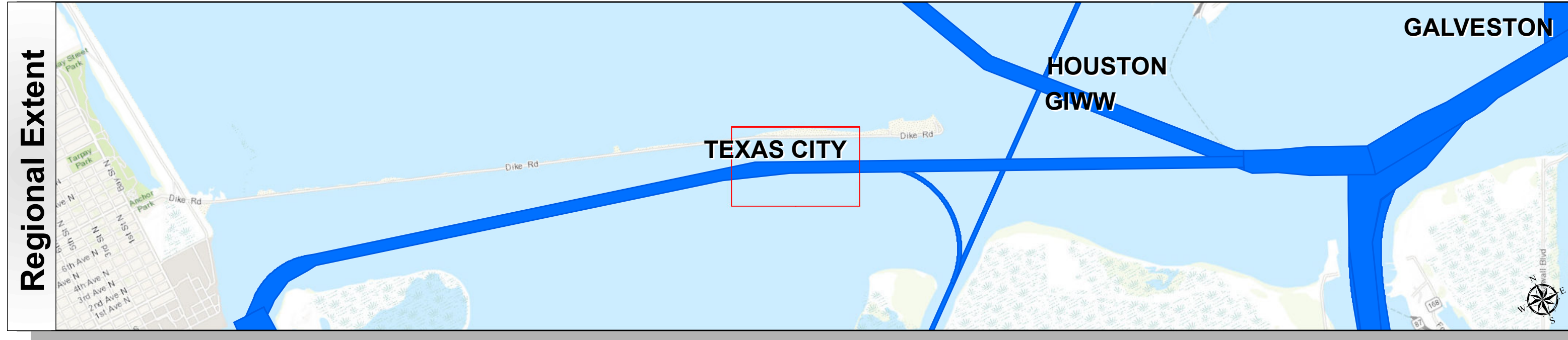
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 36+200.7
TEXAS CITY
TEXAS CITY, TEXAS

Texas City Harbor Channel: Bolivar Roads to Turning Basin



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 - 30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	< 50
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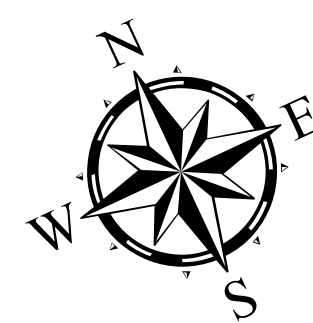
NOAA Bathymetry (DREDGING REACH EXTENT)

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

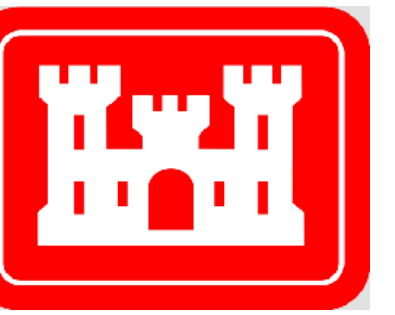
Hydrographic Survey Extent

Survey Date(s): 01 July 2019	Authorized Depth: -46ft.
Page: 4 of 12	Side Slope Ratio: (Rise : Run)
Scale: 1:2,400	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odmrvk	Print Date: 7/16/2019
Additional Info :	

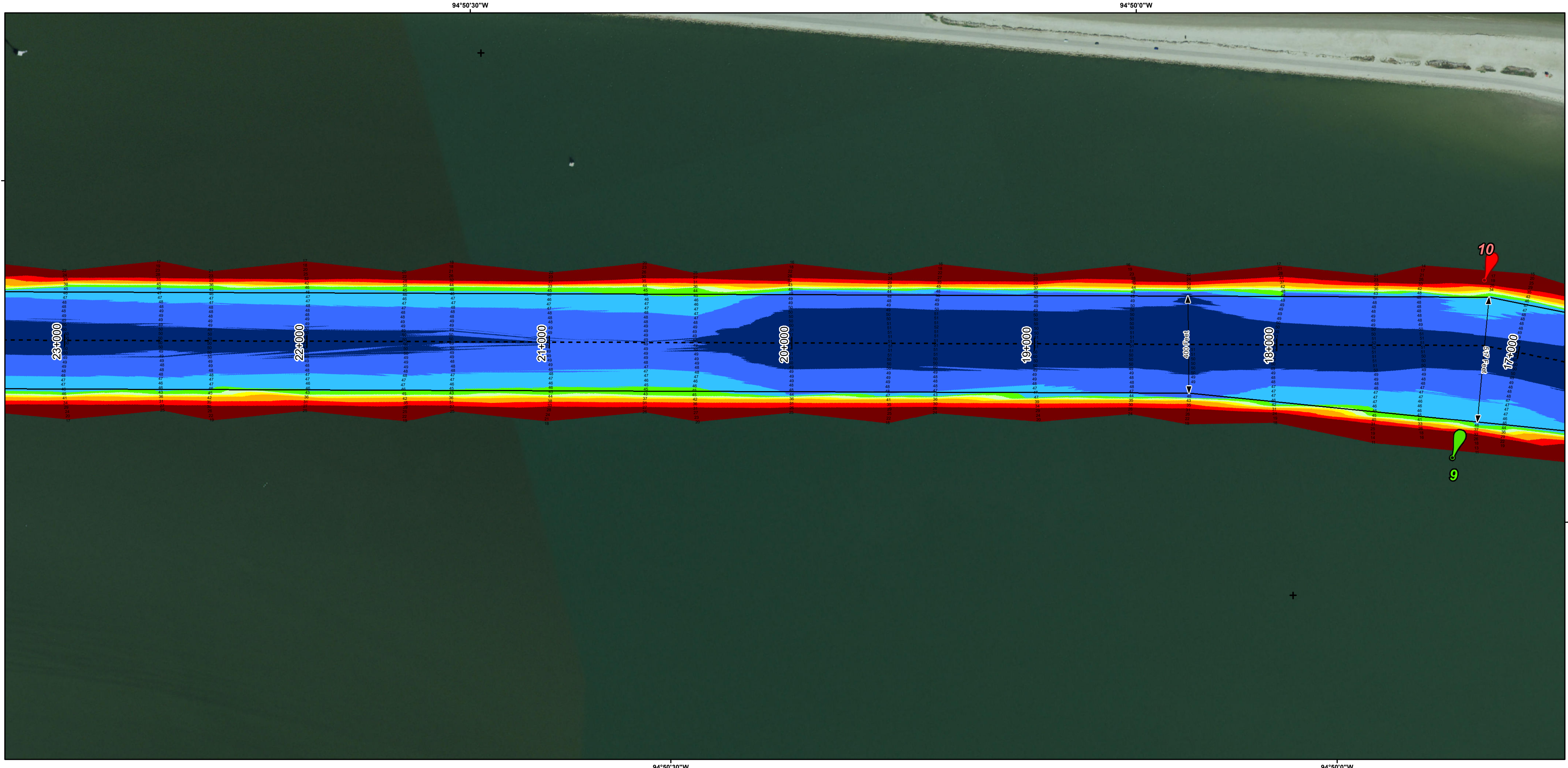
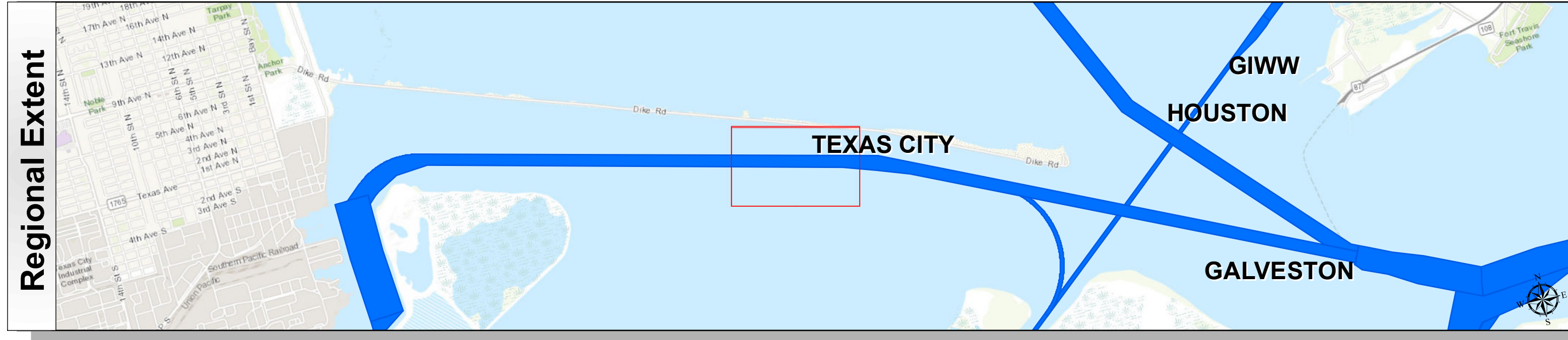
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 36+200.7
TEXAS CITY
TEXAS CITY, TEXAS

Texas City Harbor Channel: Bolivar Roads to Turning Basin



U.S. Army Corps of Engineers
Galveston District



Survey Date(s): 01 July 2019	Authorized Depth: -46ft.
Page: 5 of 12	Side Slope Ratio: (Rise : Run)
Scale: 1:2,400	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odmrvk	Print Date: 7/16/2019
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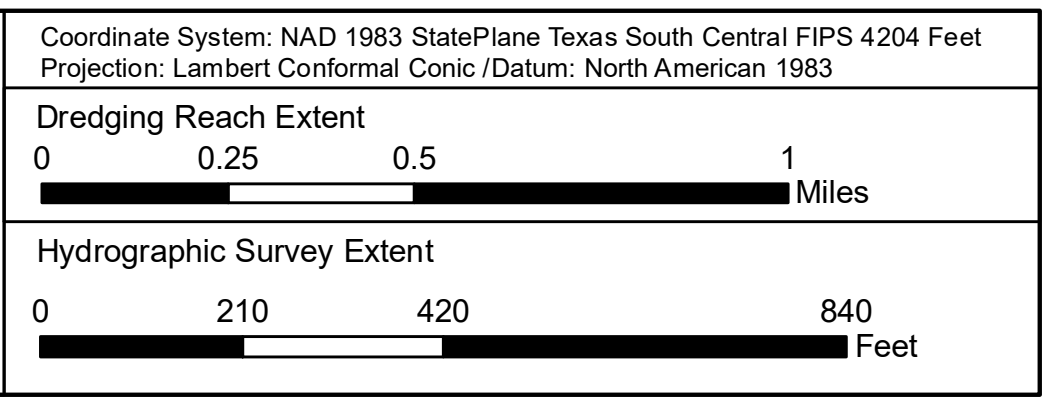
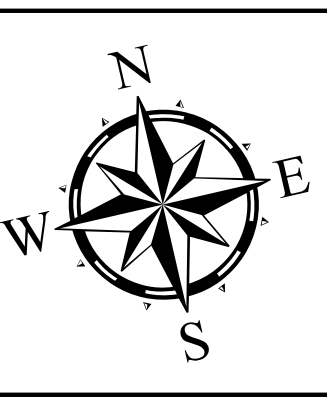
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0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50

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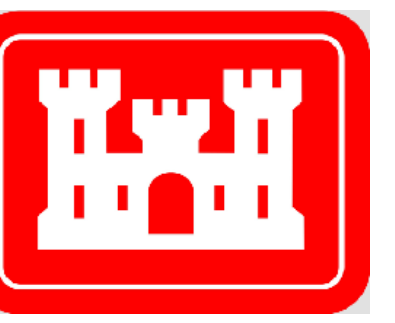
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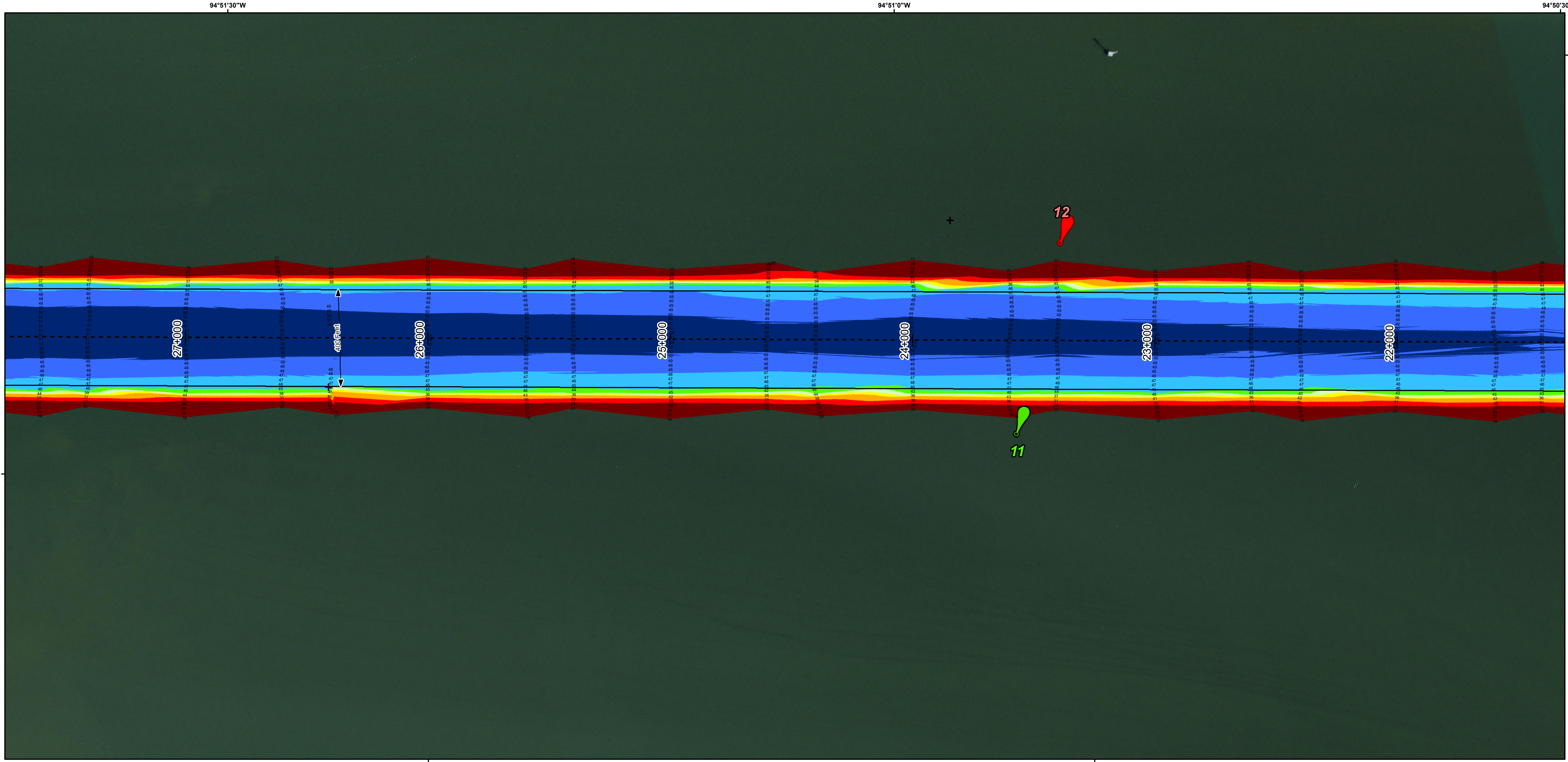
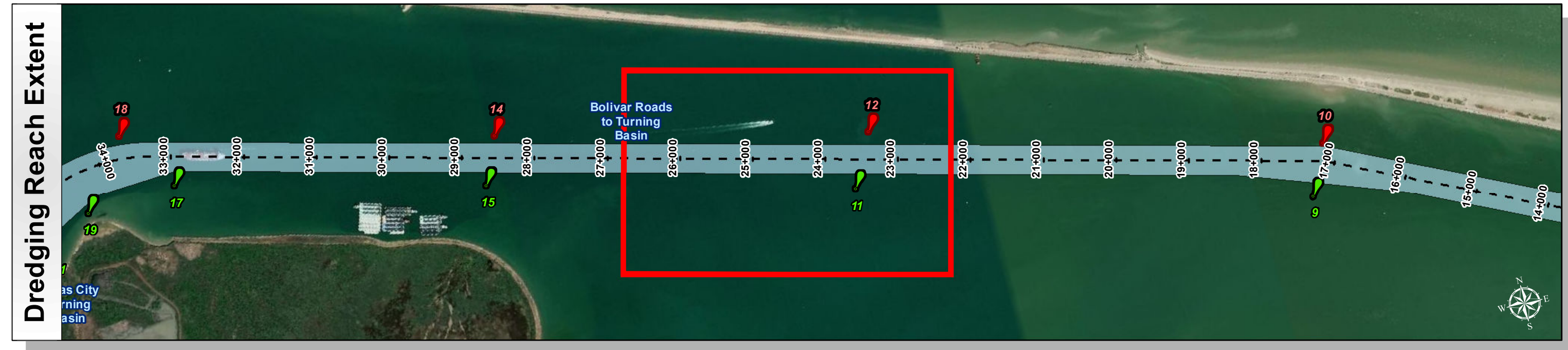
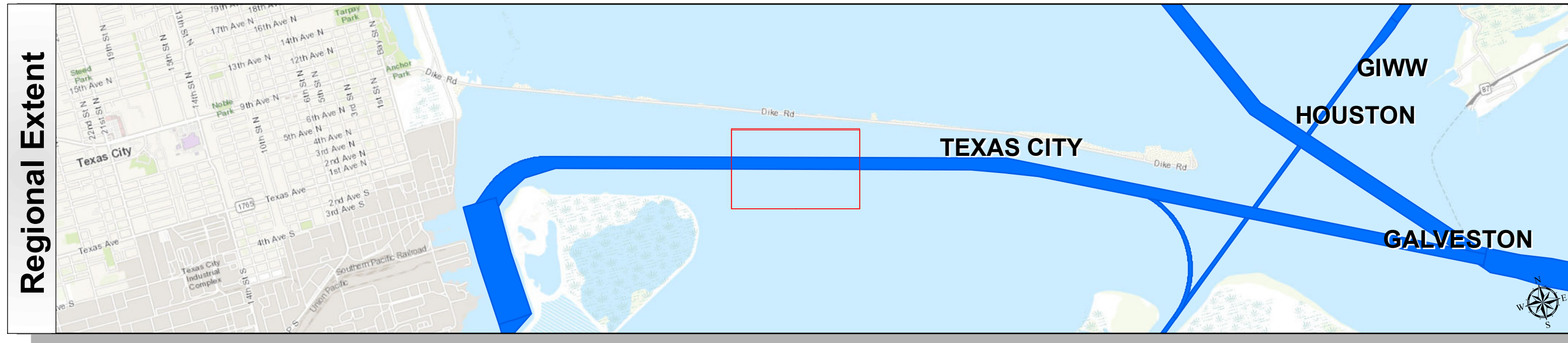
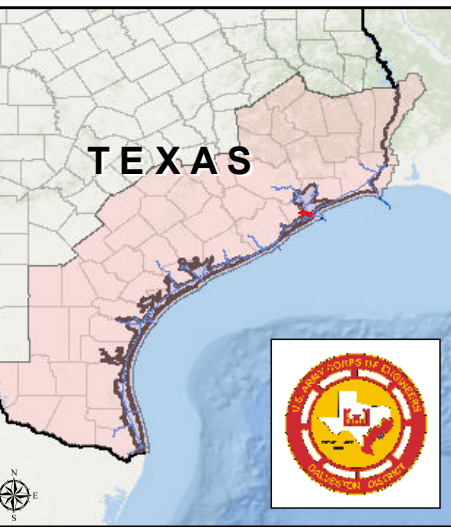
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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 36+200.7
TEXAS CITY
TEXAS CITY, TEXAS

Texas City Harbor Channel: Bolivar Roads to Turning Basin



U.S. Army Corps of Engineers
Galveston District



Survey Date(s): 01 July 2019	Authorized Depth: -46ft.
Page: 6 of 12	Side Slope Ratio: (Rise : Run)
Scale: 1:2,400	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odmrvk	Print Date: 7/16/2019
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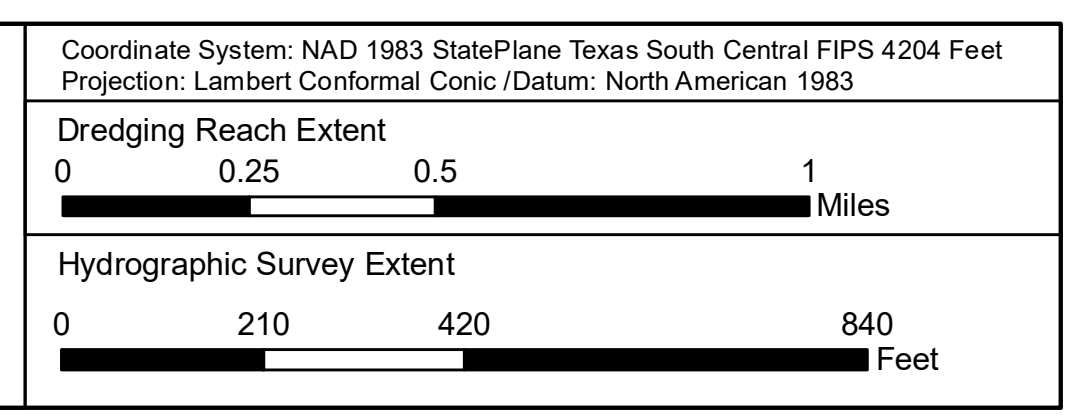
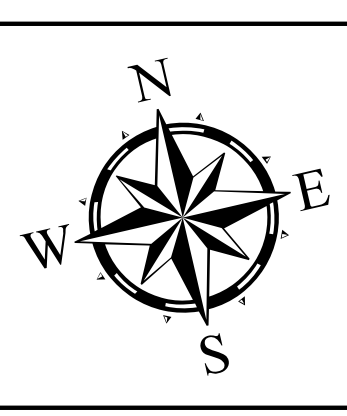
NOAA Bathymetry (DREDGING REACH EXTENT)

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

NOTES:

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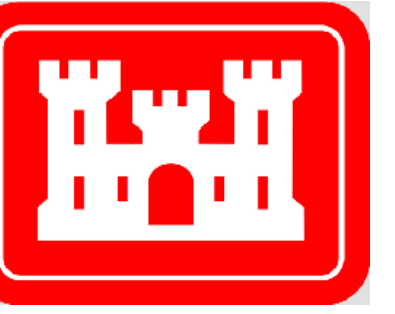
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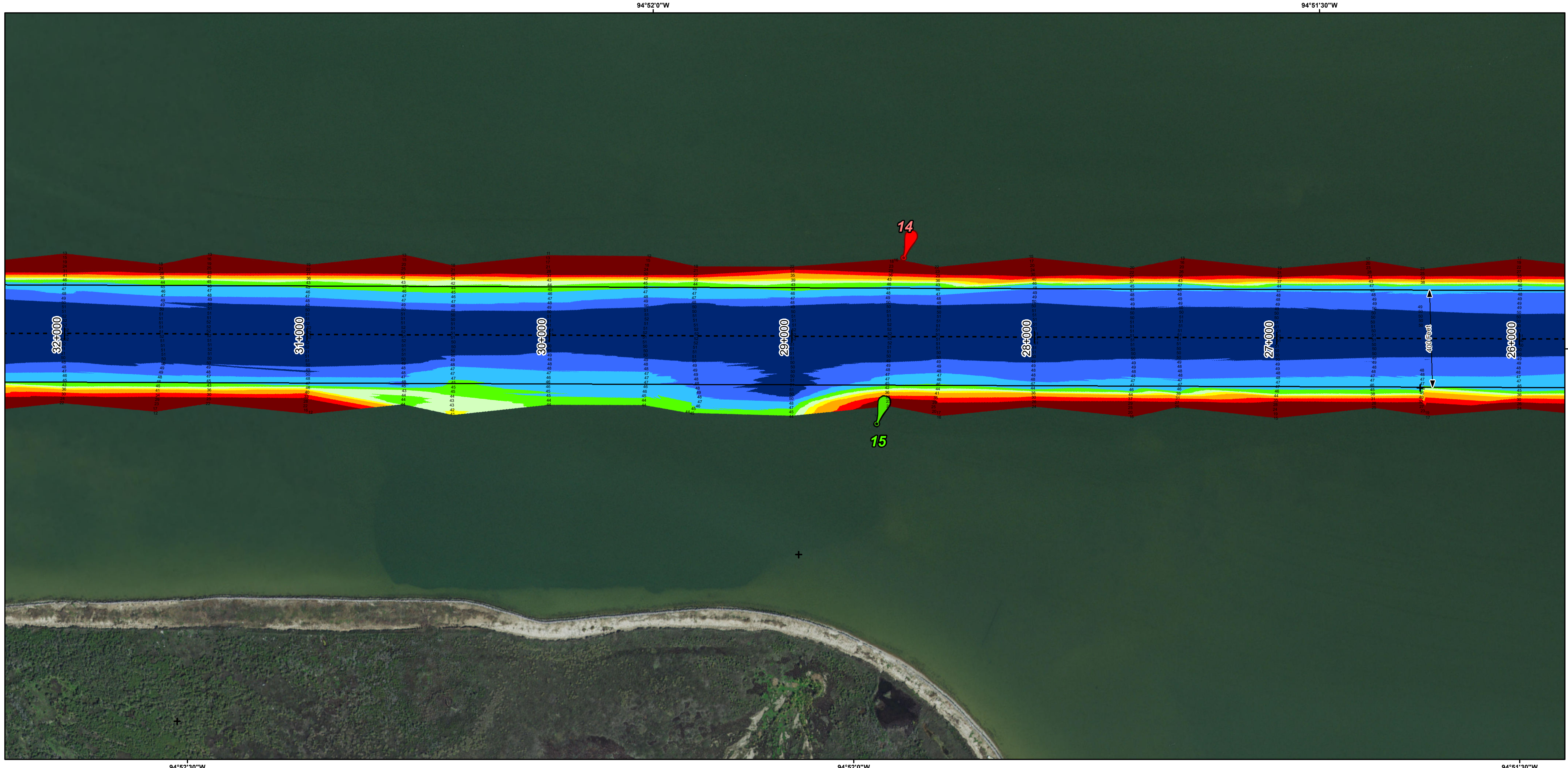
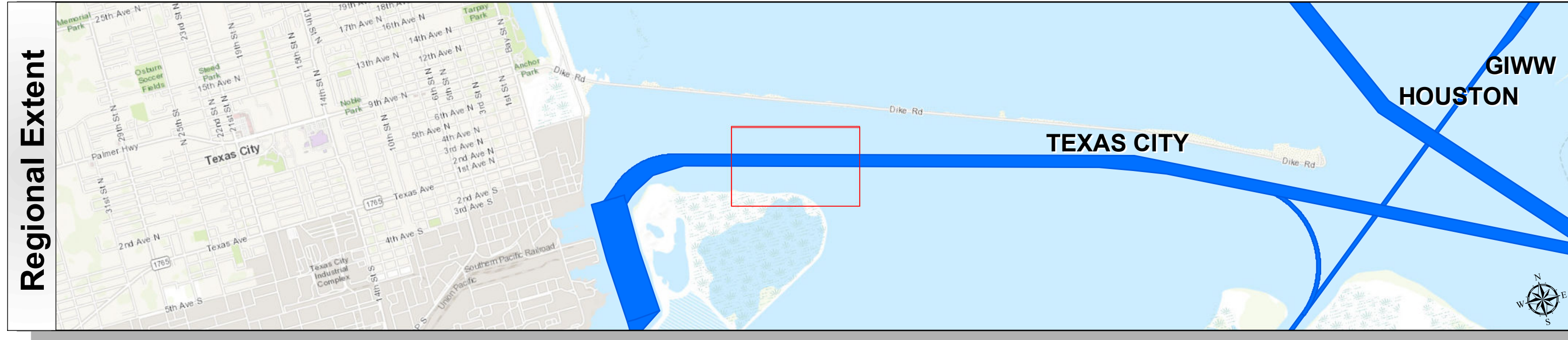
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+000 to 36+200.7
TEXAS CITY
TEXAS CITY, TEXAS

Texas City Harbor Channel: Bolivar Roads to Turning Basin



U.S. Army Corps of Engineers
Galveston District

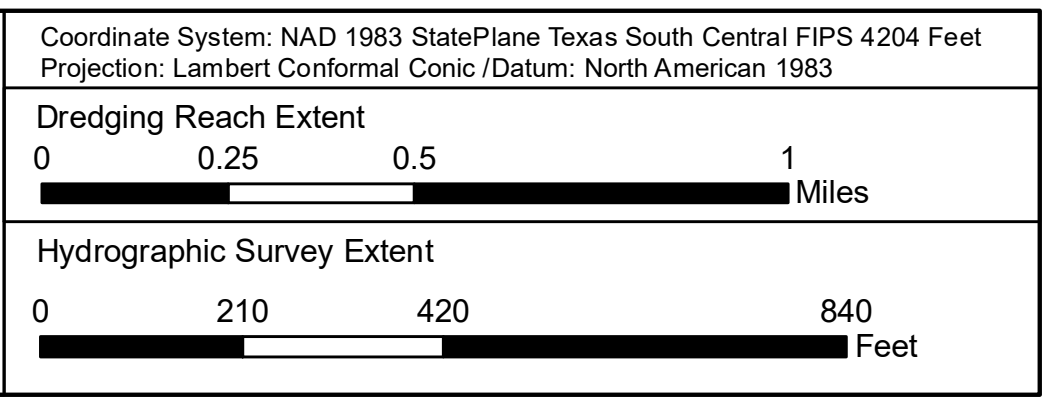
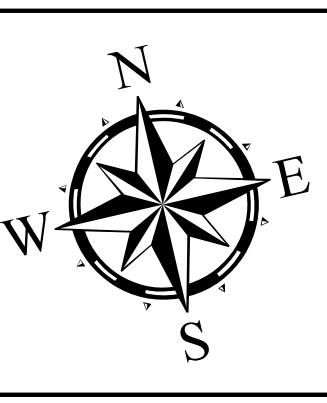


Channel Features	Aids to Navigation	MLLW
<ul style="list-style-type: none"> Channel Toe Channel Center Line Channel Station Lines Channel Dimensions 	<ul style="list-style-type: none"> Green Side Aids Red Side Aids Lights 	<p>0 - 30 30 - 35 35 - 40 40 - 42 42 - 44 44 - 46 46 - 48 48 - 50 < 50</p> <p>NOAA Bathymetry (DREDGING REACH EXTENT)</p> <p>0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50</p>

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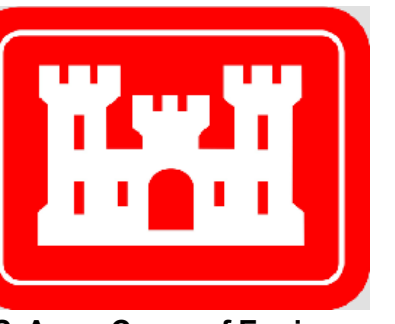


Survey Date(s): 01 July 2019	Authorized Depth: -46ft.
Page: 7 of 12	Side Slope Ratio: (Rise : Run)
Scale: 1:2,400	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odmrvk	Print Date: 7/16/2019
Additional Info:	

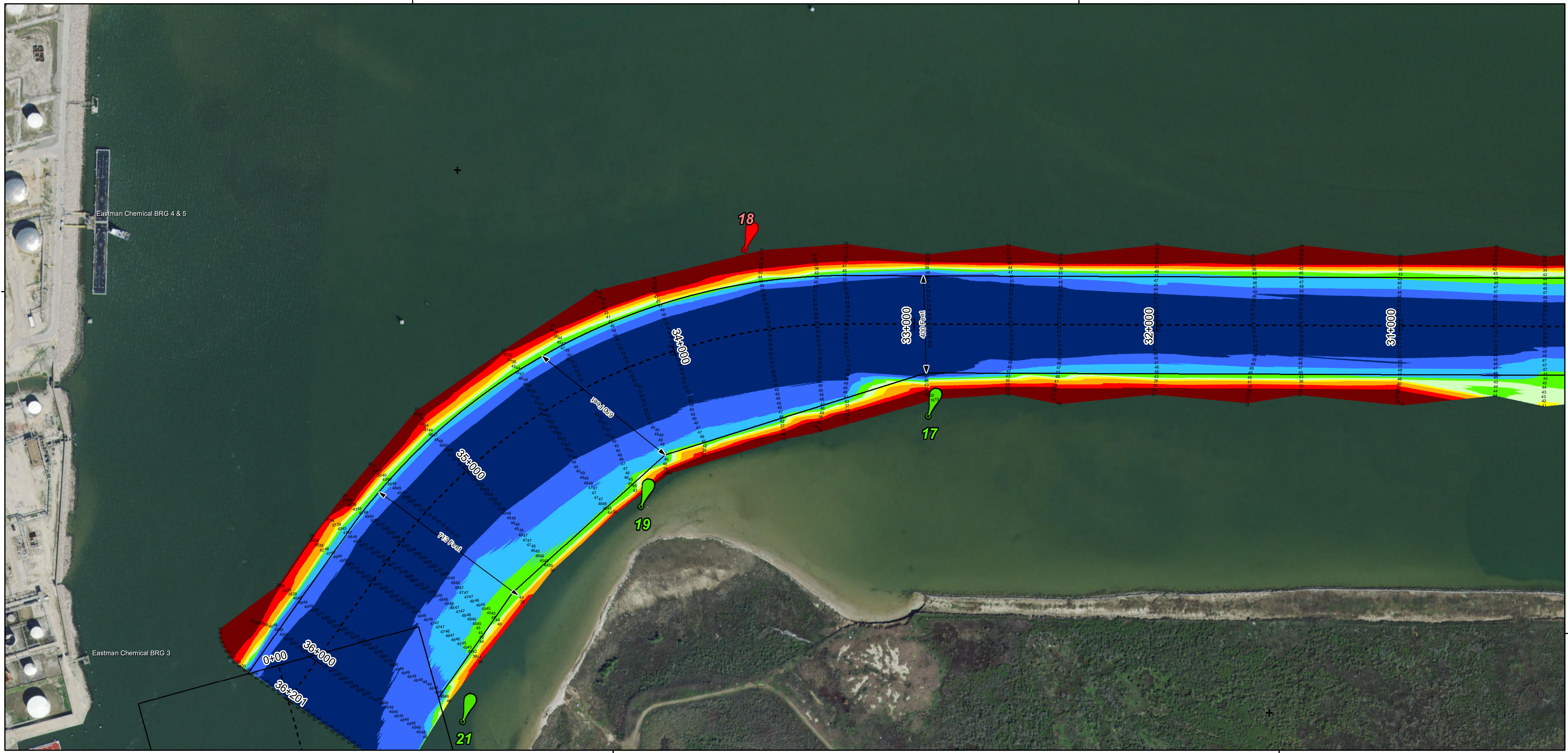
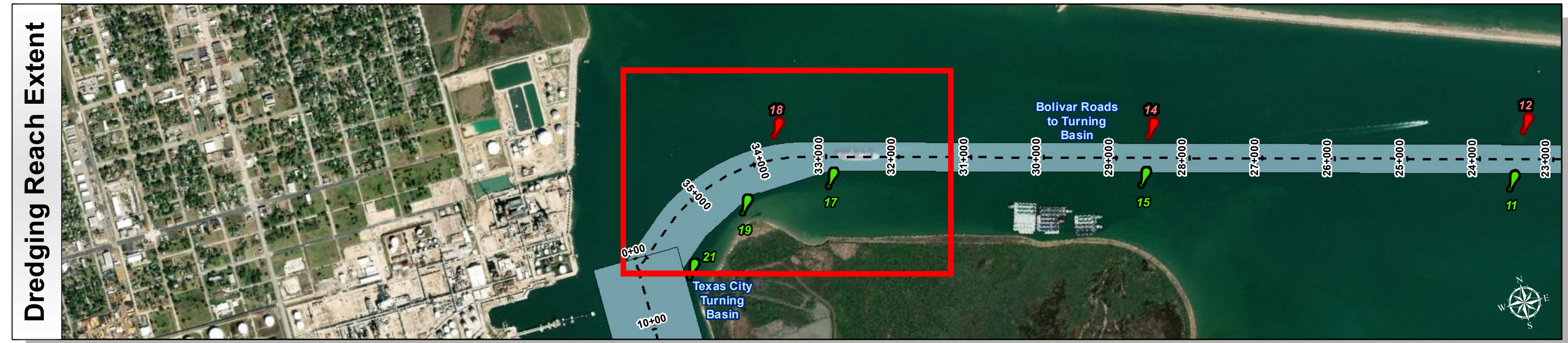
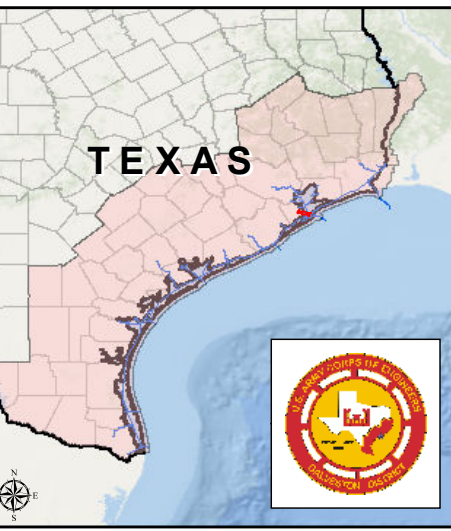
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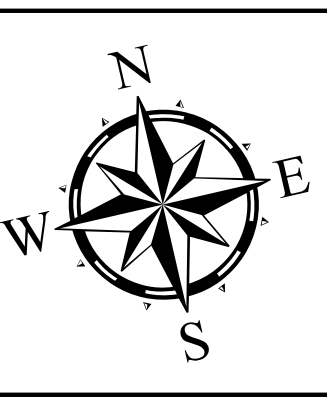
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Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet Projection: Lambert Conformal Conic / Datum: North American 1983
Dredging Reach Extent 0 0.25 0.5 1 Miles
Hydrographic Survey Extent 0 210 420 840 Feet

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