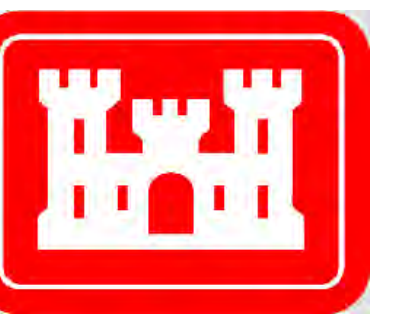
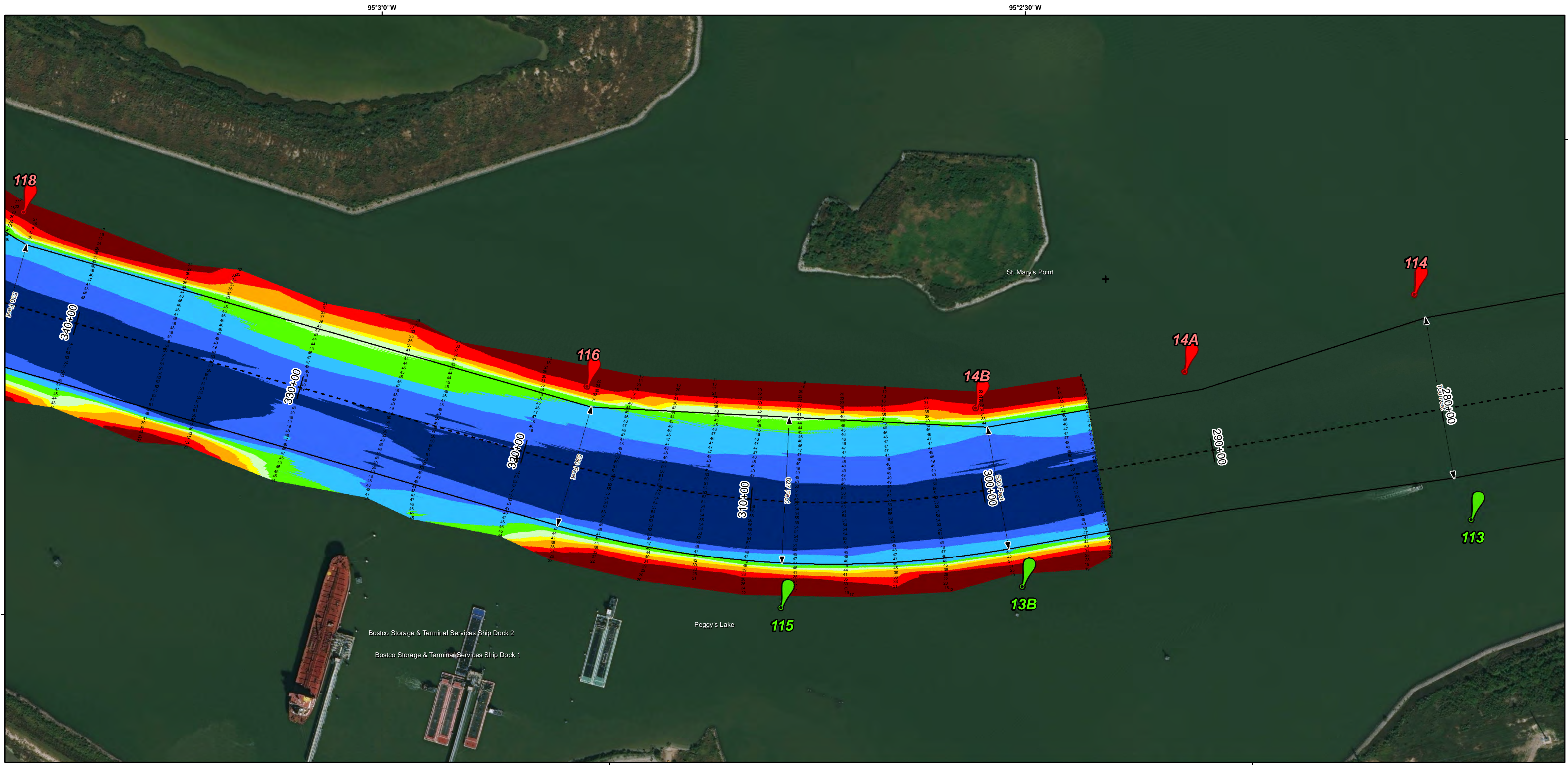
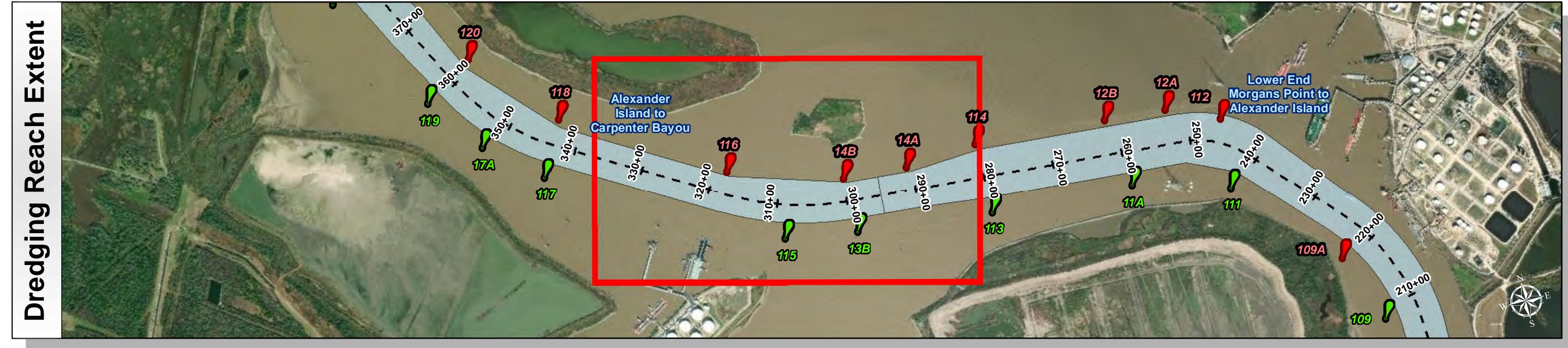


Houston Ship Channel: Alexander Island to Carpenter Bayou



U.S. Army Corps of Engineers
Galveston District



Survey Date(s): 02 August 2019	Authorized Depth: -46.5ft.
Page: 30 of 61	Side Slope Ratio: (Rise : Run)
Scale: 1:2,500	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 9/30/2019
Additional Info:	

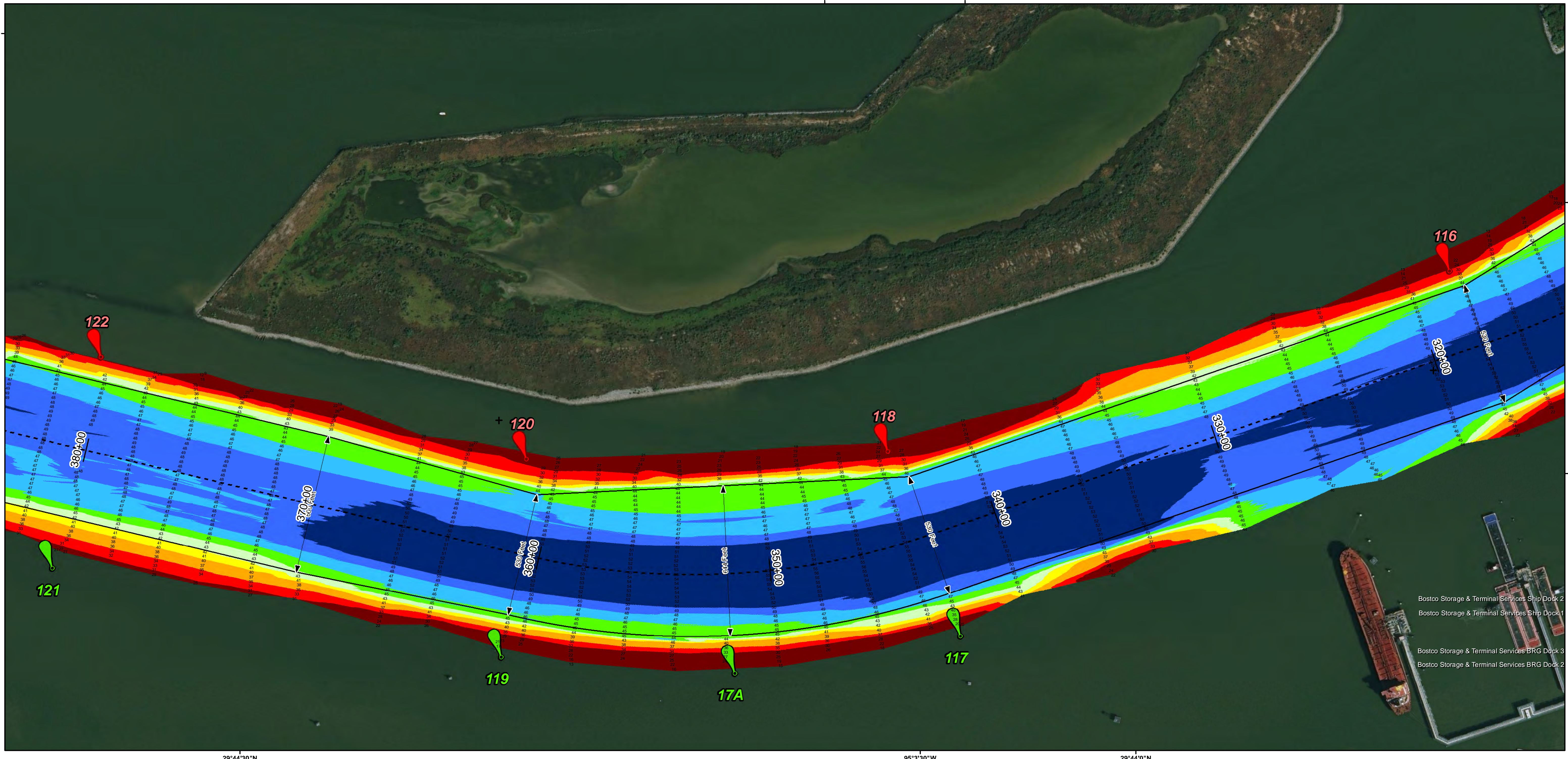
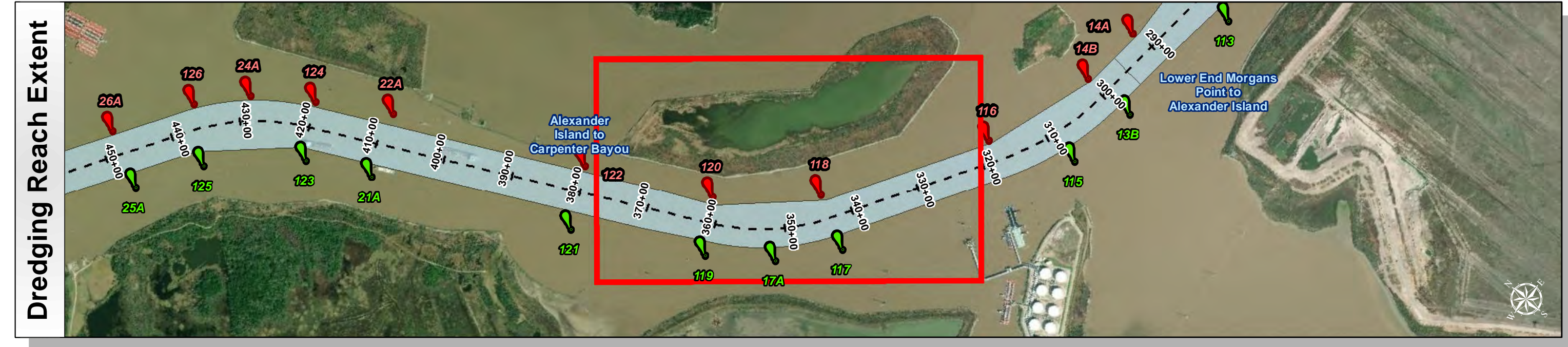
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station : 295+00 to 520+00
HOUSTON
HOUSTON, TEXAS

Houston Ship Channel: Alexander Island to Carpenter Bayou



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>

NOTES:

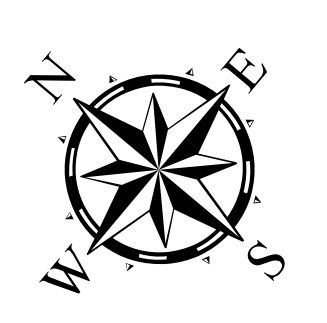
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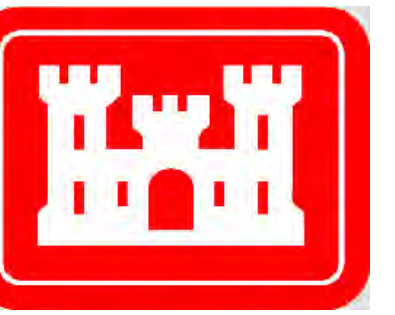
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Dredging Reach Extent 0 0.25 0.5 1 Miles
Hydrographic Survey Extent 0 215 430 860 Feet

Survey Date(s): 02 August 2019	Authorized Depth: -46.5ft.
Page: 31 of 61	Side Slope Ratio: (Rise : Run)
Scale: 1:2,500	Additional Imagery: © DigitalGlobe Inc.
Map:	Print Date: 9/30/2019
Maped by: MSAOX PAC	Additional Info:

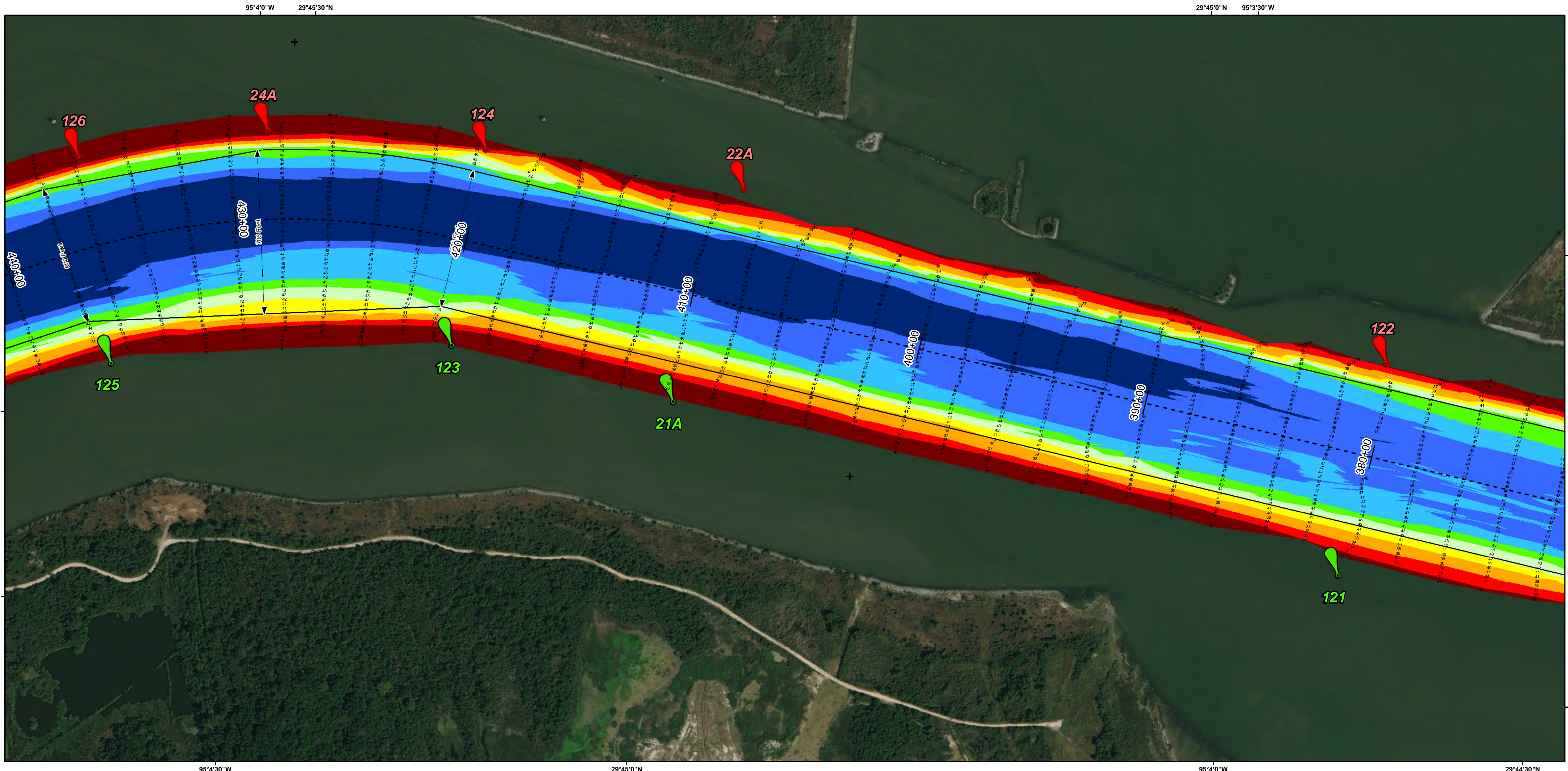
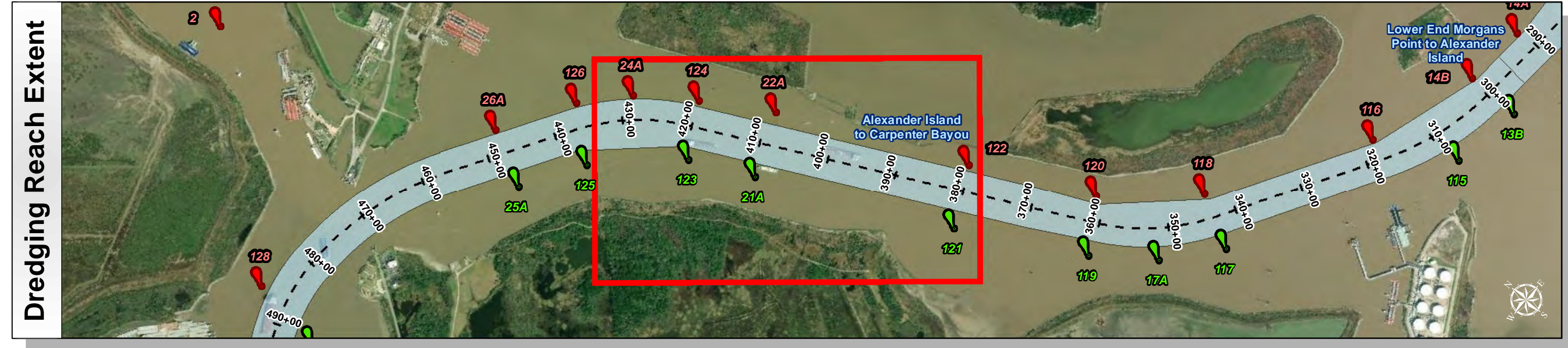
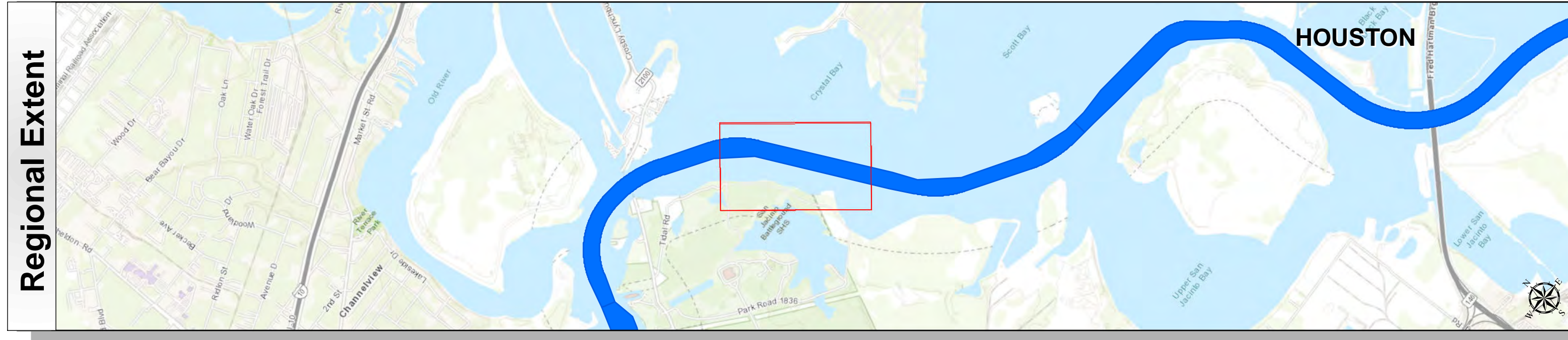
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station : 295+00 to 520+00
HOUSTON
HOUSTON, TEXAS

Houston Ship Channel: Alexander Island to Carpenter Bayou



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

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 0.25 0.5 1 Miles

Hydrographic Survey Extent

0 215 430 860 Feet

Survey Date(s): 02 August 2019	Authorized Depth: -46.5ft.
Page: 32 of 61	Side Slope Ratio: (Rise : Run)
Scale: 1:2,500	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 9/30/2019
Additional Info :	

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

Station : 295+00 to 520+00
HOUSTON
HOUSTON, TEXAS

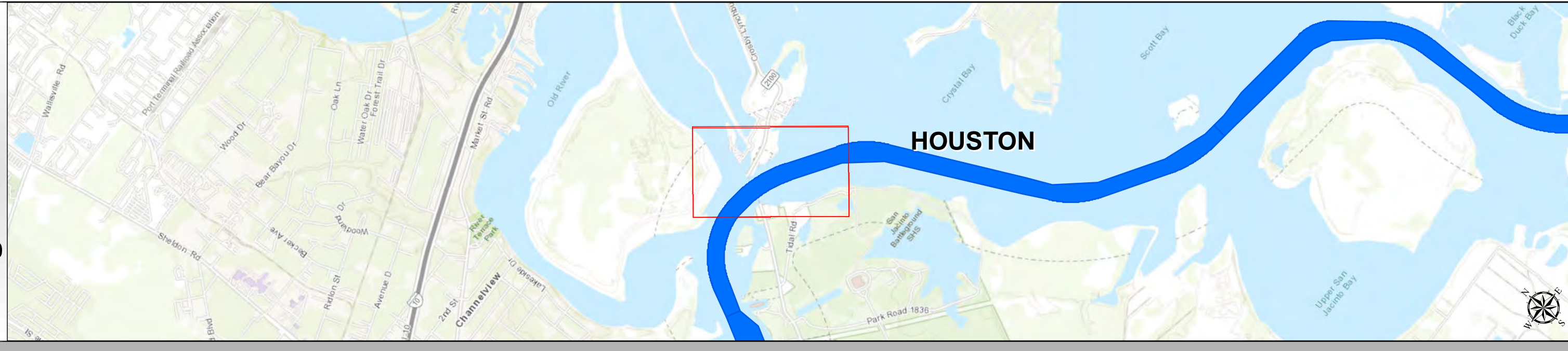
Houston Ship Channel: Alexander Island to Carpenter Bayou



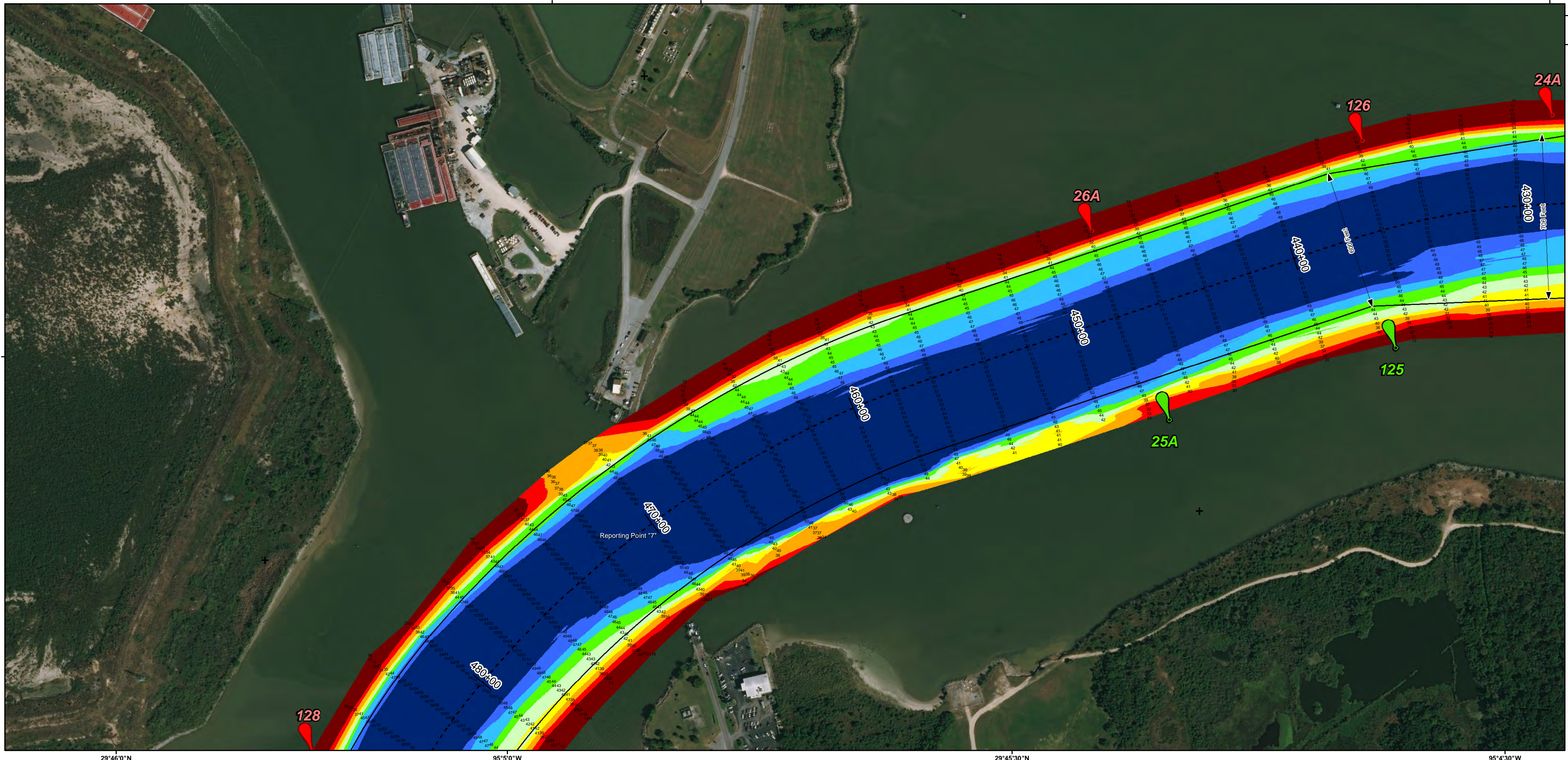
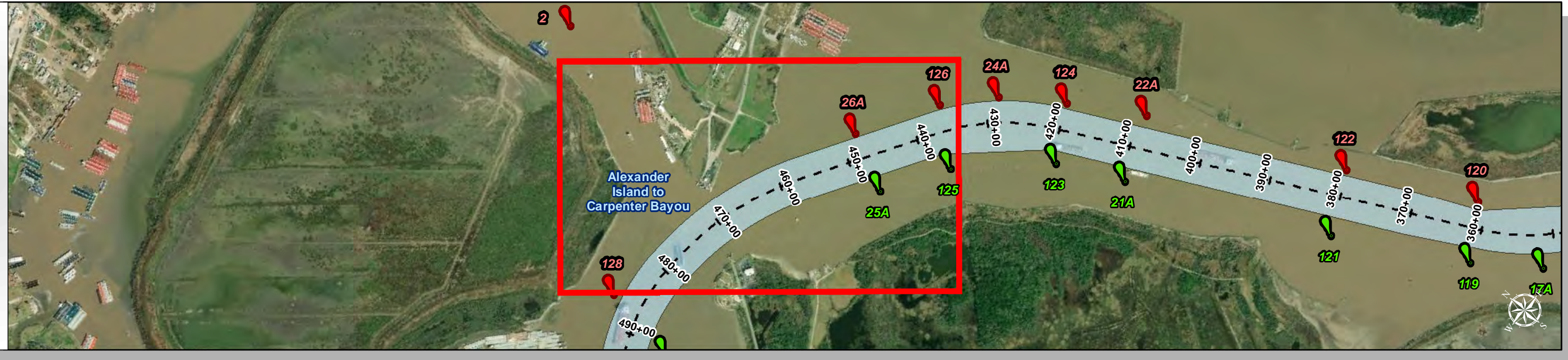
U.S. Army Corps of Engineers
Galveston District



Regional Extent



Dredging Reach Extent



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Page: 33 of 61	Side Slope Ratio: (Rise : Run)
Scale: 1:2,500	Additional Imagery: © DigitalGlobe Inc.
Mapped by: M3AOXPAC	Print Date: 9/30/2019
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)

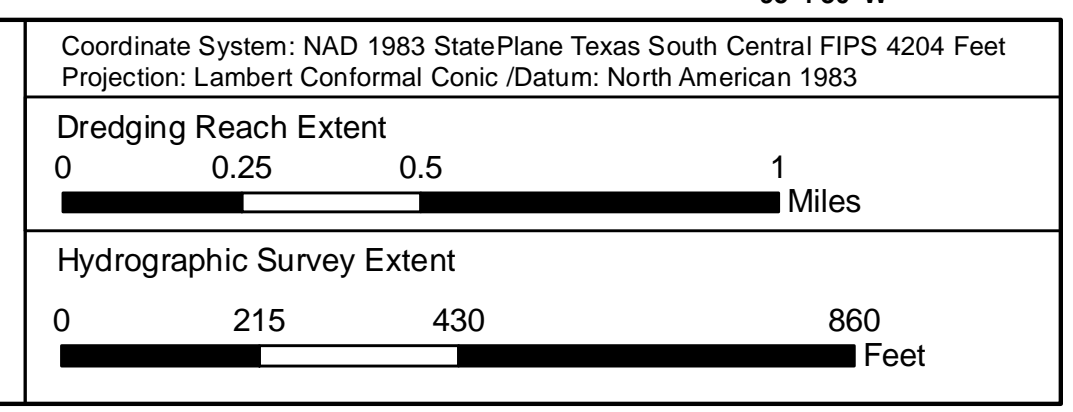
0 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 50
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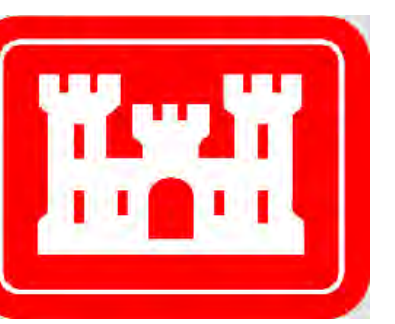
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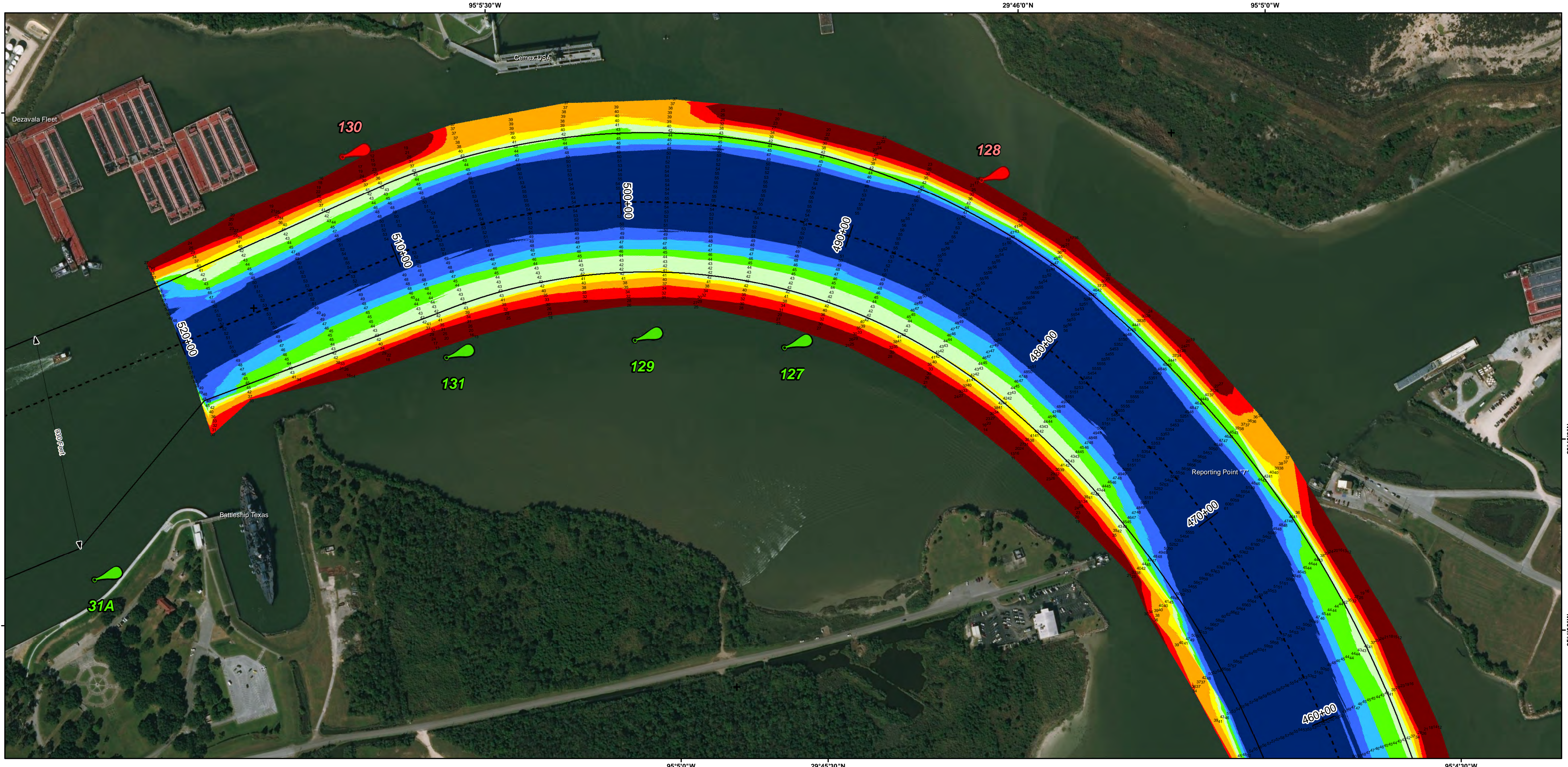
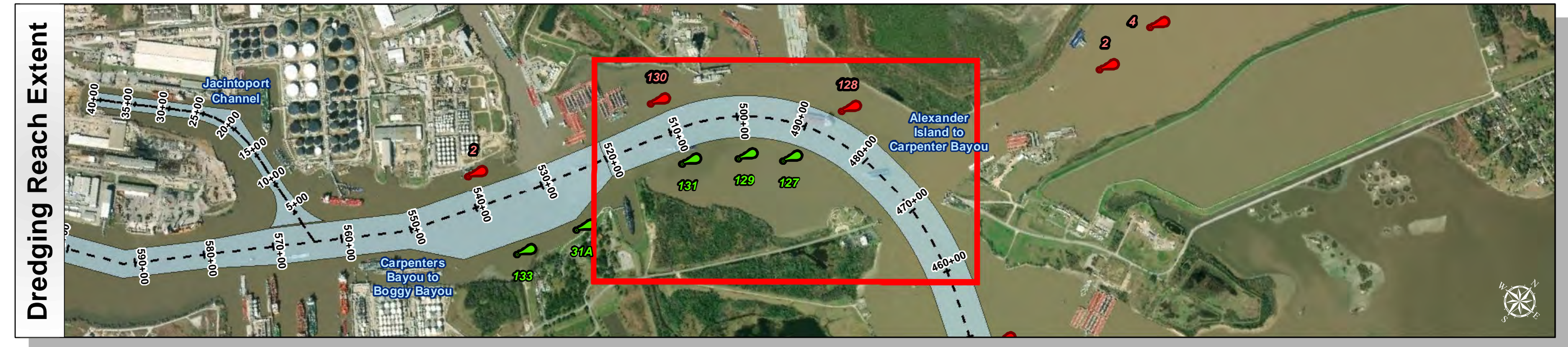
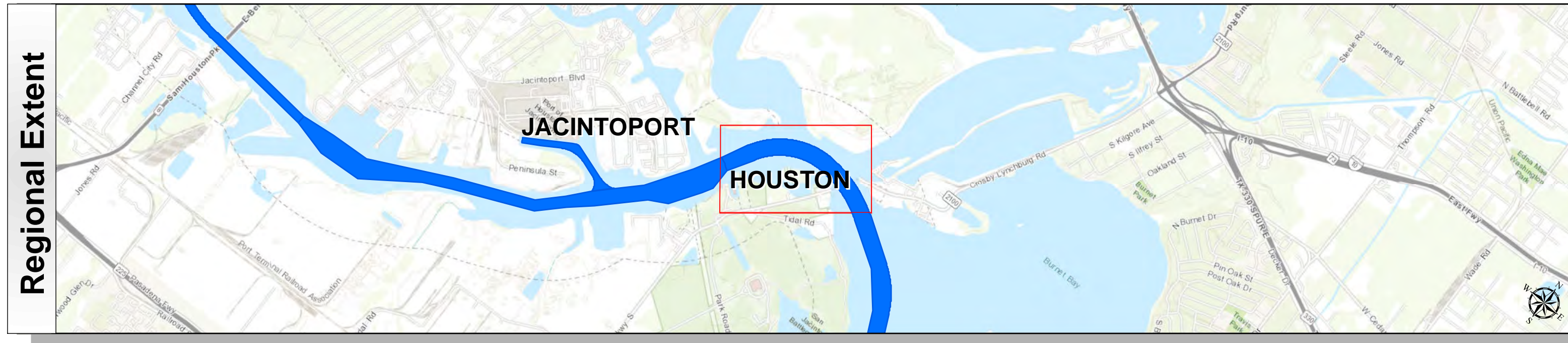
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 295+00 to 520+00
HOUSTON
HOUSTON, TEXAS

Houston Ship Channel: Alexander Island to Carpenter Bayou



U.S. Army Corps of Engineers
Galveston District



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Page: 34 of 61	Side Slope Ratio: (Rise : Run)
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Mapped by: M3AOXPAC	Print Date: 9/30/2019
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- Channel Dimensions

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- 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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Dredging Reach Extent

Hydrographic Survey Extent

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