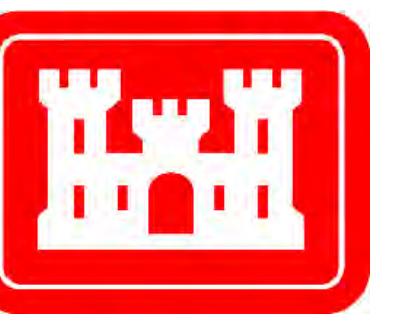
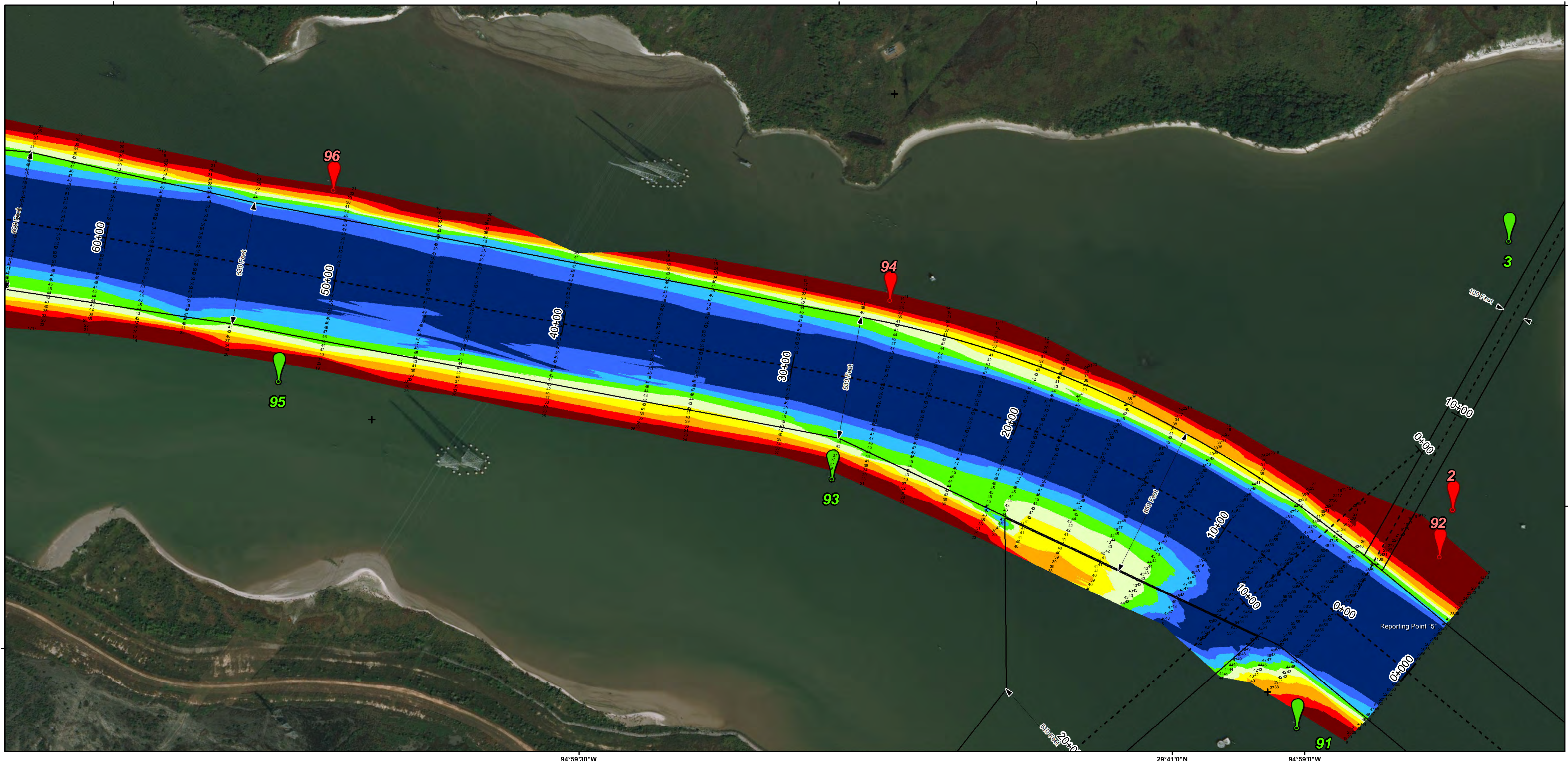
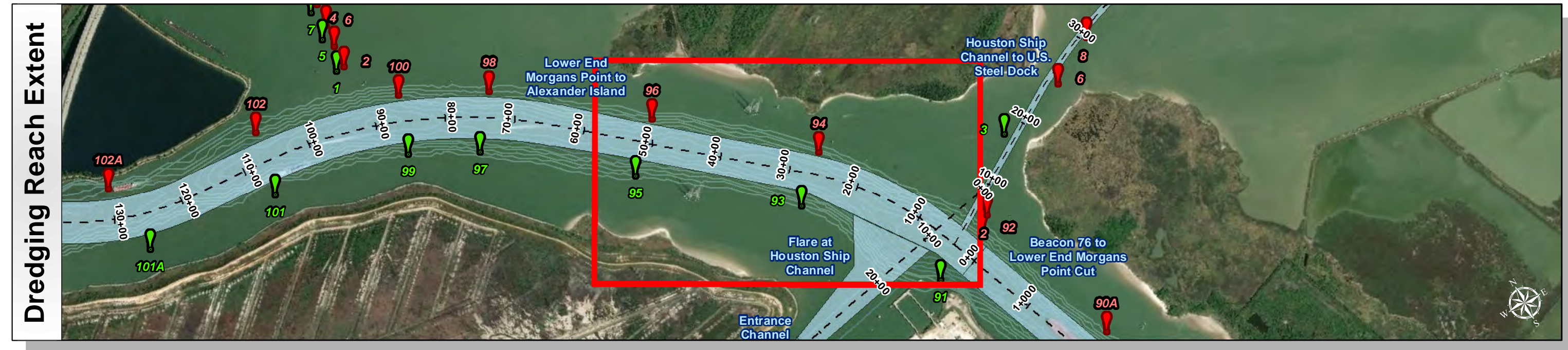
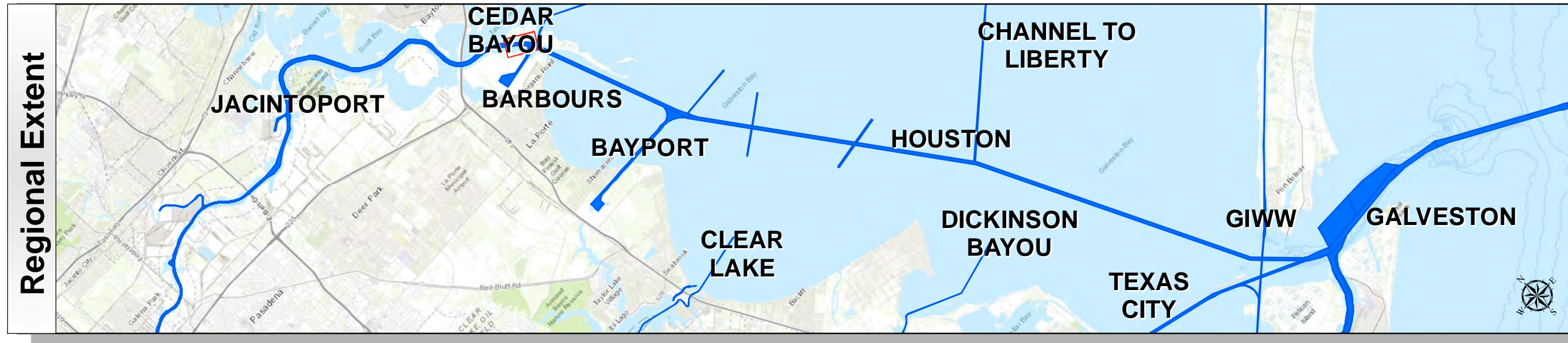


# Houston Ship Channel: Lower End Morgans Point to Alexander Island



U.S. Army Corps of Engineers  
Galveston District



Survey Date(s): 11 March 2019	Authorized Depth: -46.5ft.
Page: 25 of 61	Side Slope Ratio: (Rise : Run)
Scale: 1:2,500	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 5/15/2019
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)**

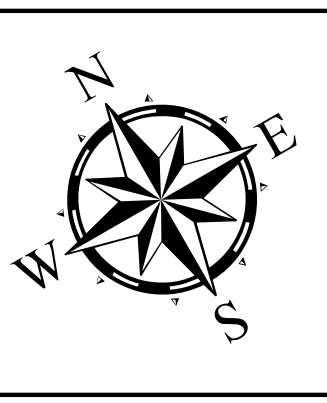
0 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 50
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**NOTES:**

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

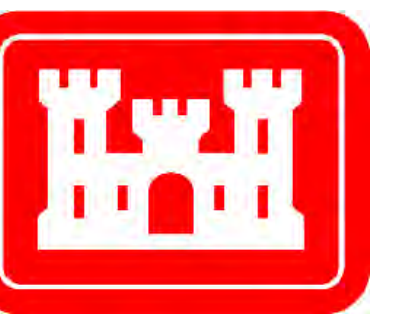
**Dredging Reach Extent**

**Hydrographic Survey Extent**

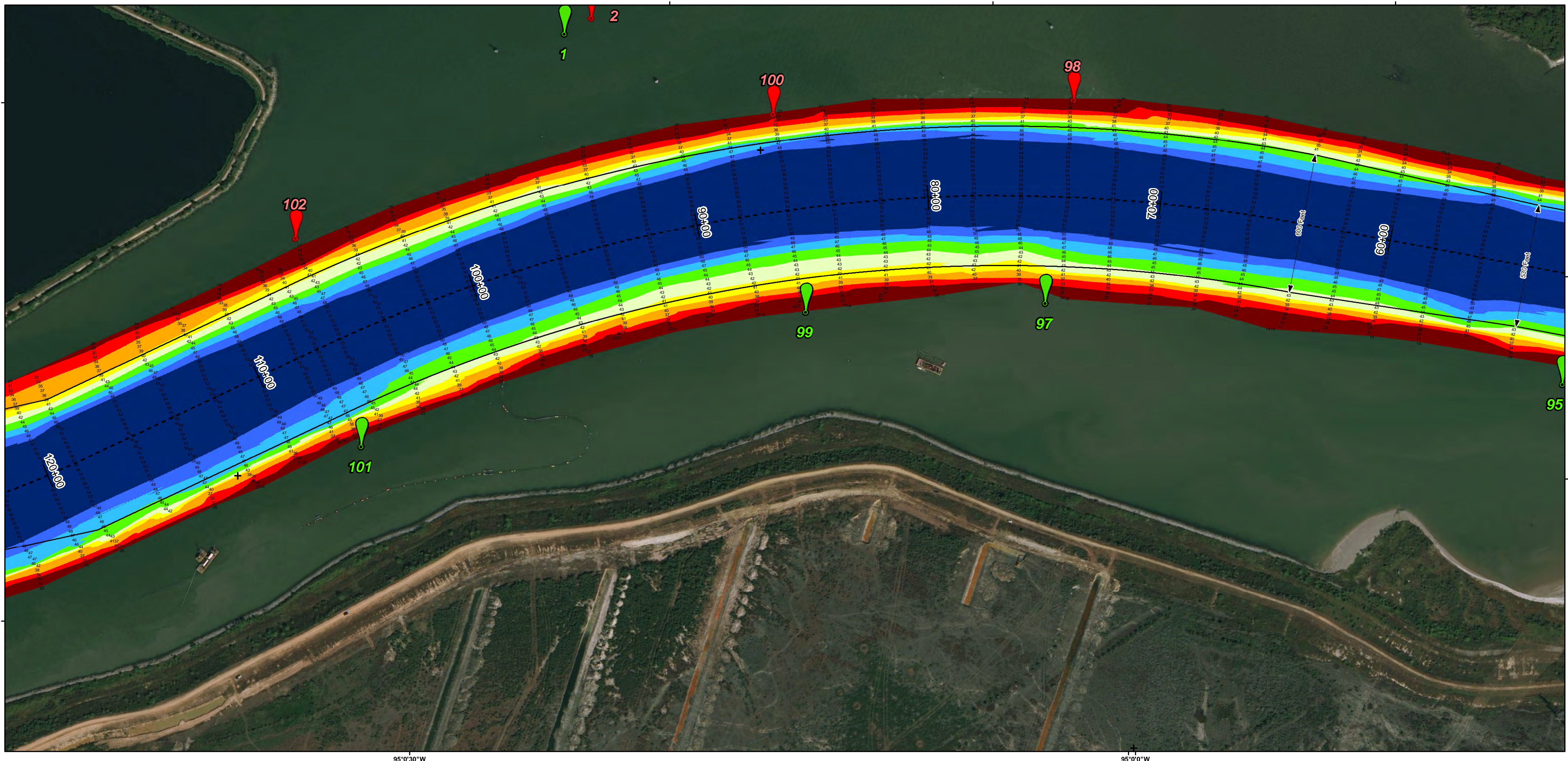
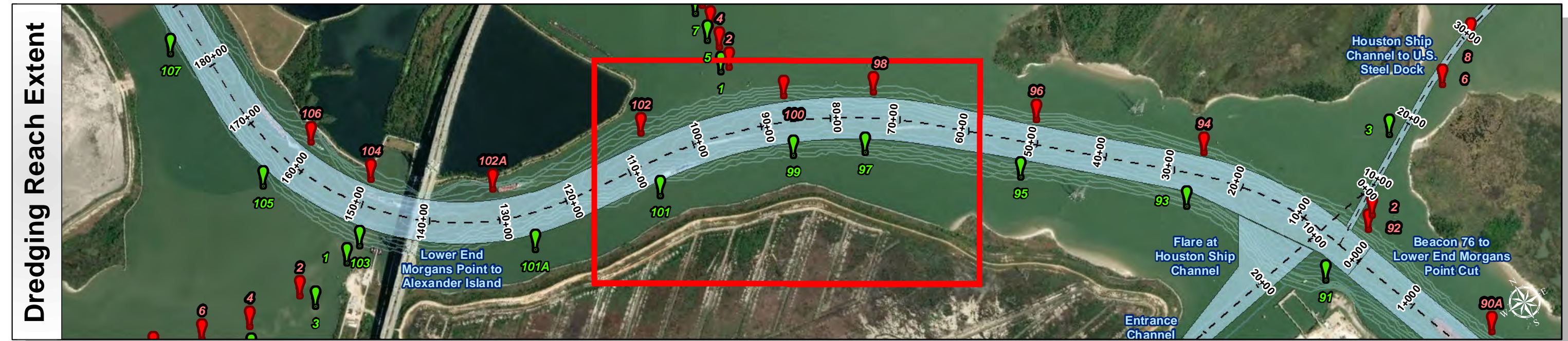
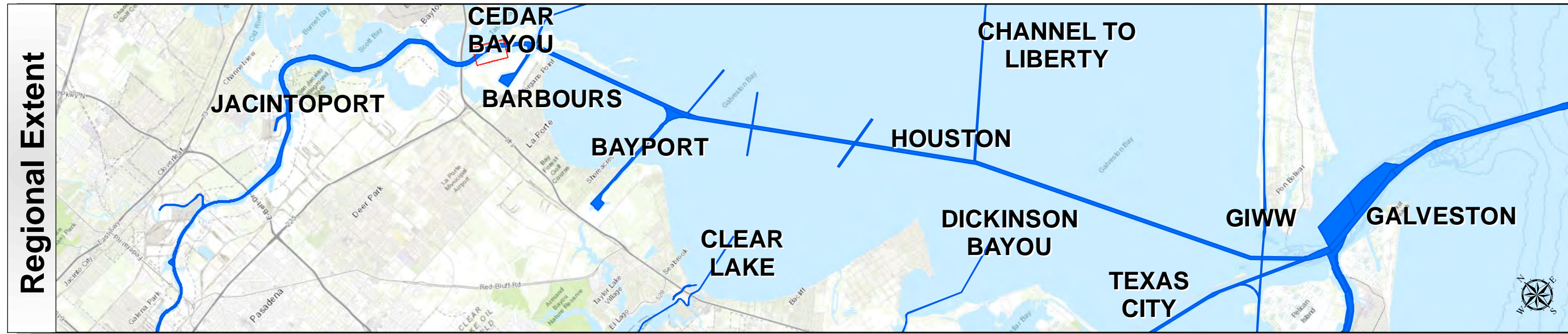
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CORPS OF ENGINEERS  
GALVESTON, TEXAS

**Station: 0+000 to 295+00**  
**HOUSTON**  
HOUSTON, TEXAS

# Houston Ship Channel: Lower End Morgans Point to Alexander Island



U.S. Army Corps of Engineers  
Galveston District



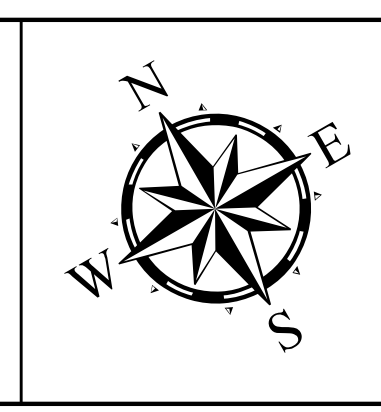
Survey Date(s): 11 March 2019	Authorized Depth: -46.5ft.
Page: 26 of 61	Side Slope Ratio: (Rise : Run)
Scale: 1:2,500	Additional Imagery: © DigitalGlobe Inc.
Mapped by: M3AOXPAC	Print Date: 5/15/2019
Additional Info:	

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

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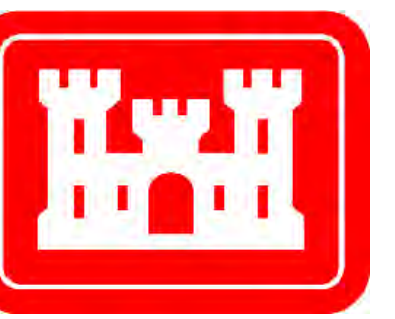


Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet Projection: Lambert Conformal Conic /Datum: North American 1983
Dredging Reach Extent 0 0.25 0.5 1 Miles
Hydrographic Survey Extent 0 215 430 860 Feet

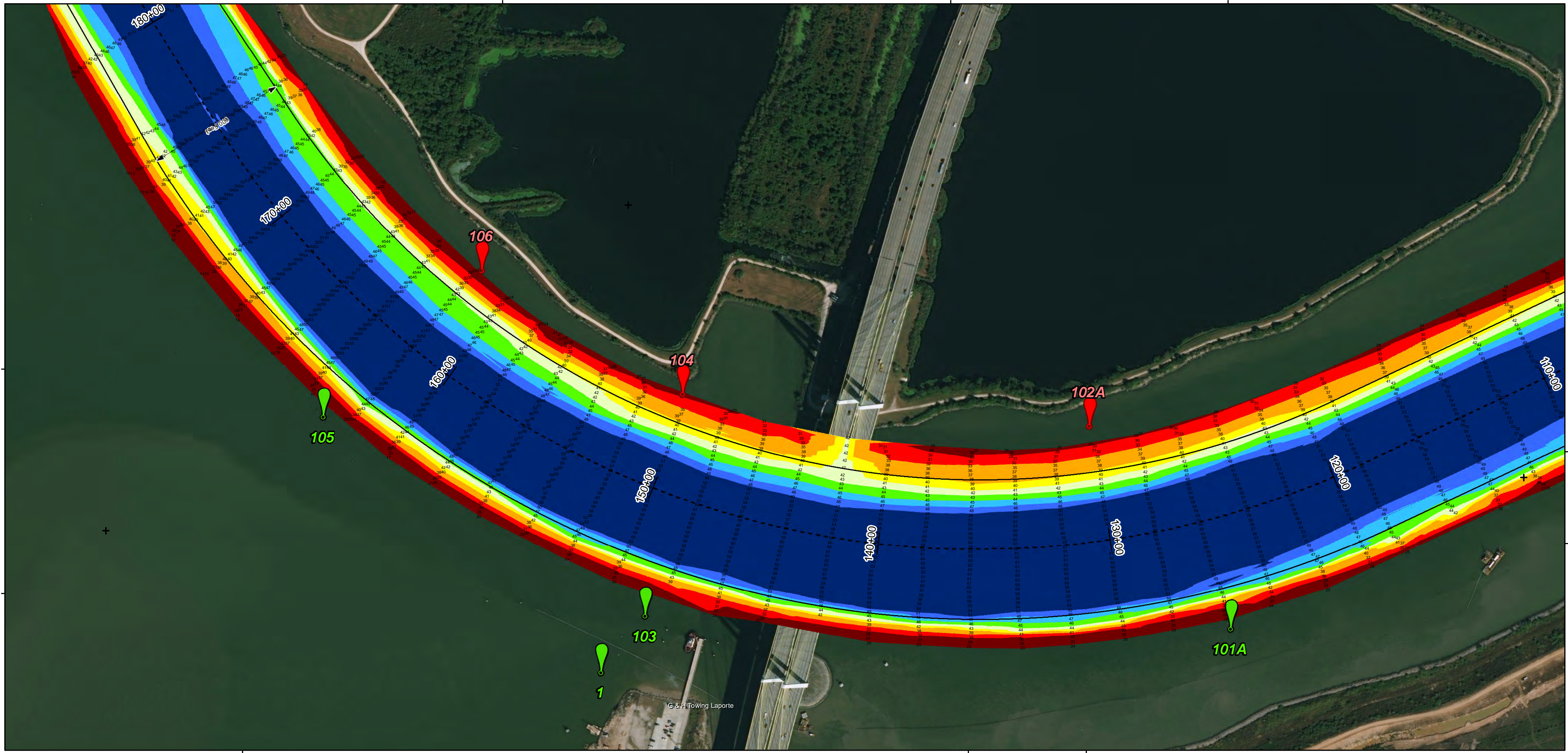
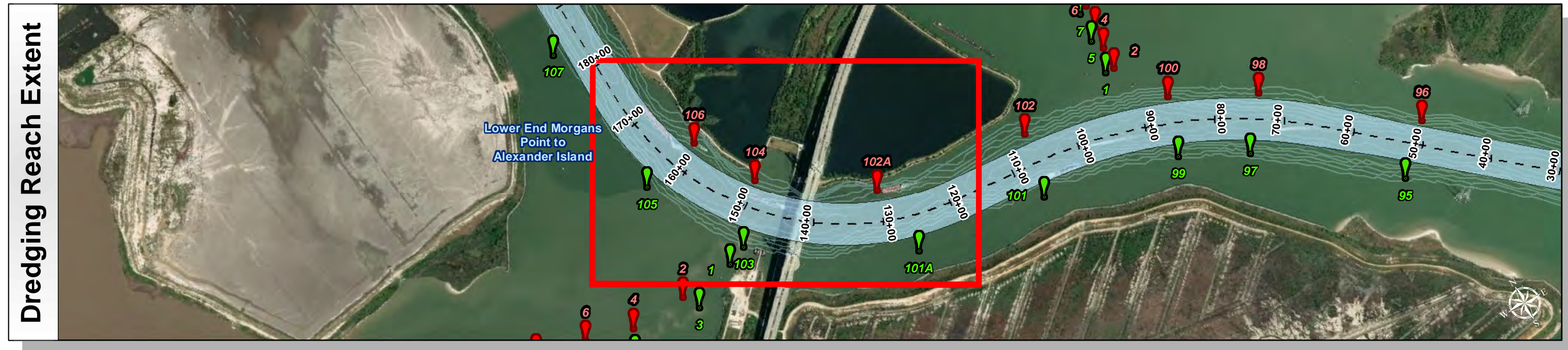
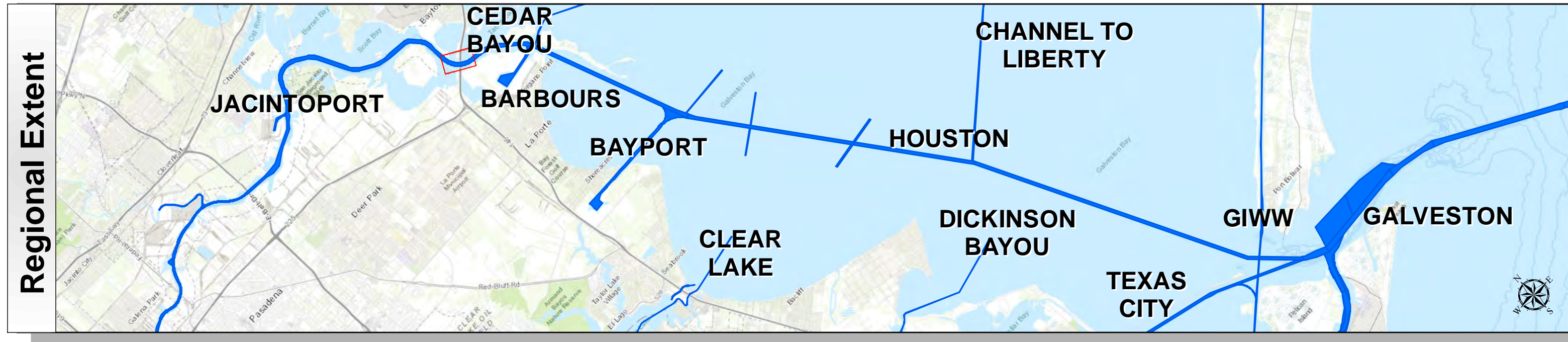
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U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

**Station: 0+000 to 295+00**  
**HOUSTON**  
HOUSTON, TEXAS

# Houston Ship Channel: Lower End Morgans Point to Alexander Island



U.S. Army Corps of Engineers  
Galveston District



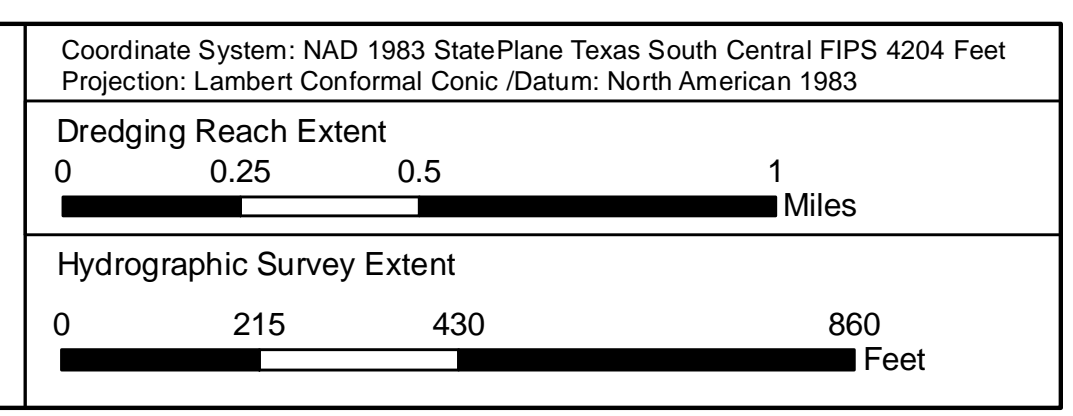
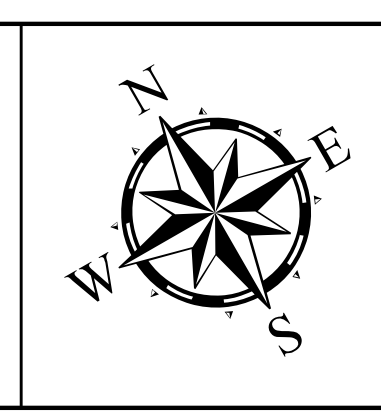
Survey Date(s): 11 March 2019	Authorized Depth: -46.5ft.
Page: 27 of 61	Side Slope Ratio: (Rise : Run)
Scale: 1:2,500	Additional Imagery: © DigitalGlobe Inc.
Mapped by: M3AOXPAC	Print Date: 5/15/2019
Additional Info :	

Channel Features	Aids to Navigation	MLLW
<ul style="list-style-type: none"> <li>Channel Toe</li> <li>Channel Center Line</li> <li>Channel Station Lines</li> <li>Channel Dimensions</li> </ul>	<ul style="list-style-type: none"> <li>Green Side Aids</li> <li>Red Side Aids</li> <li>Lights</li> </ul>	<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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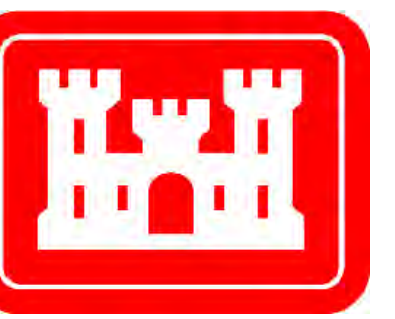
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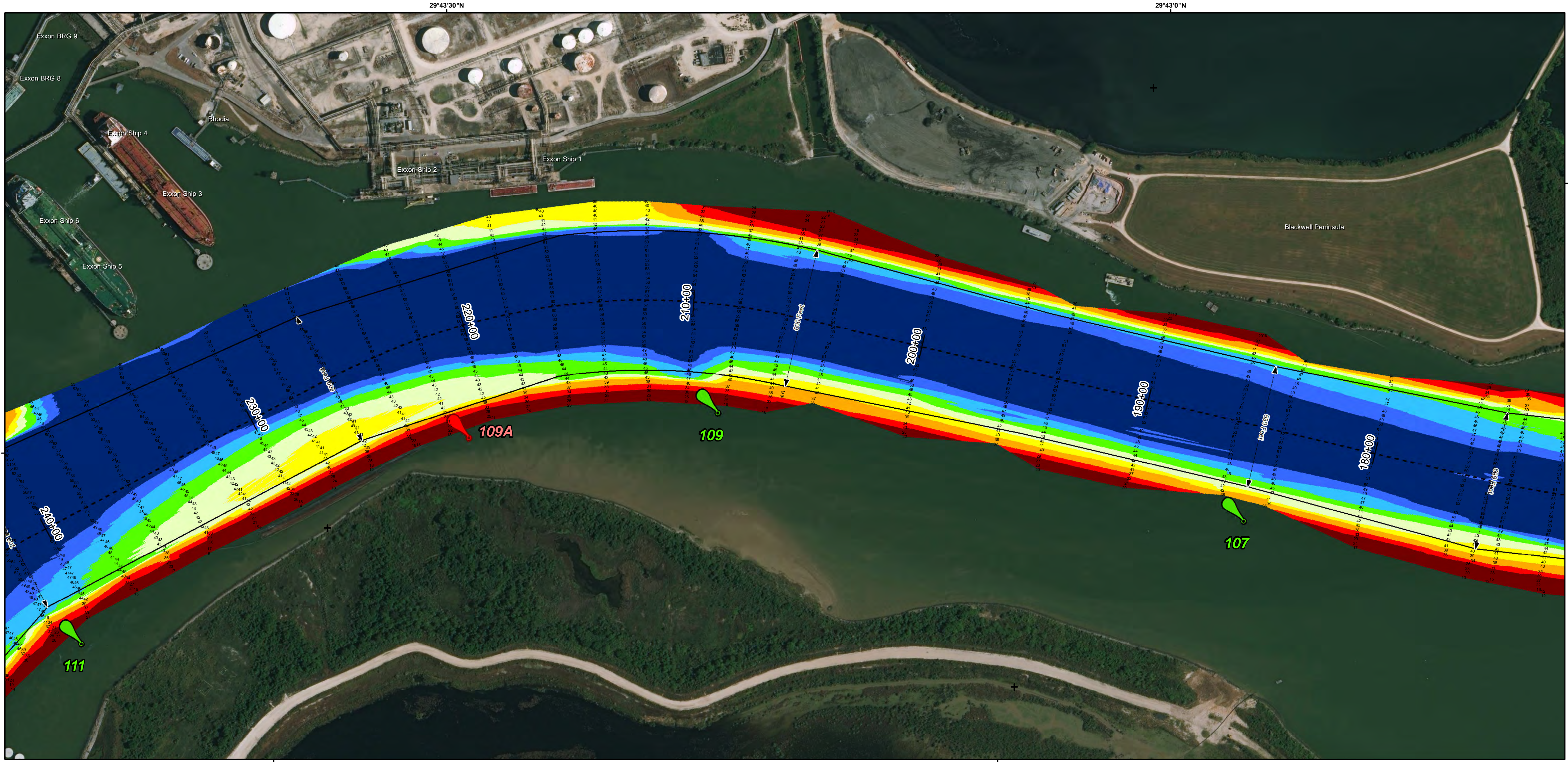
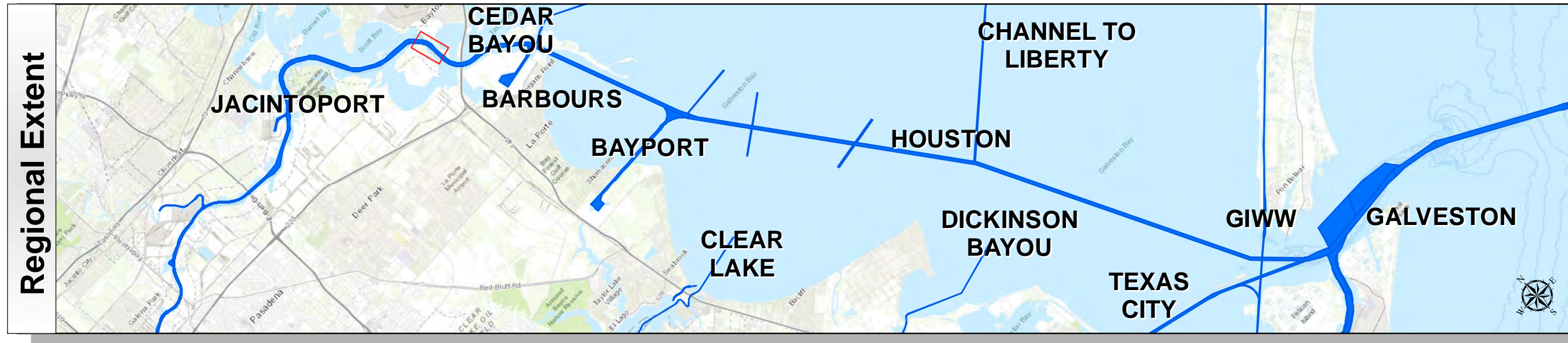
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U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

Station: 0+000 to 295+00  
HOUSTON  
HOUSTON, TEXAS

# Houston Ship Channel: Lower End Morgans Point to Alexander Island



U.S. Army Corps of Engineers  
Galveston District

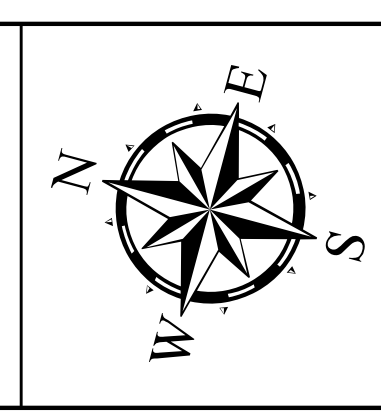


Channel Features	Aids to Navigation	MLLW
— Channel Toe	Green Side Aids	0 - 30
- - - Channel Center Line	Red Side Aids	30 - 35
— Channel Station Lines	Lights	35 - 40
↔ Channel Dimensions		40 - 42
		42 - 44
		44 - 46
		46 - 48
		48 - 50
		50+
		NOAA Bathymetry (DREDGING REACH EXTENT)
		0 - 10
		10 - 15
		15 - 20
		20 - 25
		25 - 30
		30 - 50

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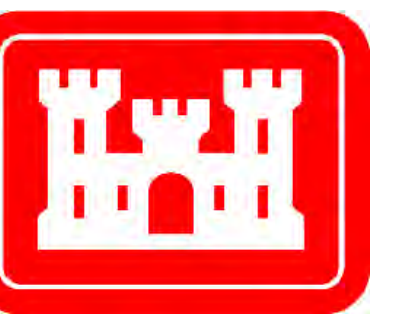
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet Projection: Lambert Conformal Conic / Datum: North American 1983	
Dredging Reach Extent	0 0.25 0.5 1 Miles
Hydrographic Survey Extent	0 215 430 860 Feet

Survey Date(s): 11 March 2019	Authorized Depth: -46.5ft.
Page: 28 of 61	Side Slope Ratio: (Rise : Run)
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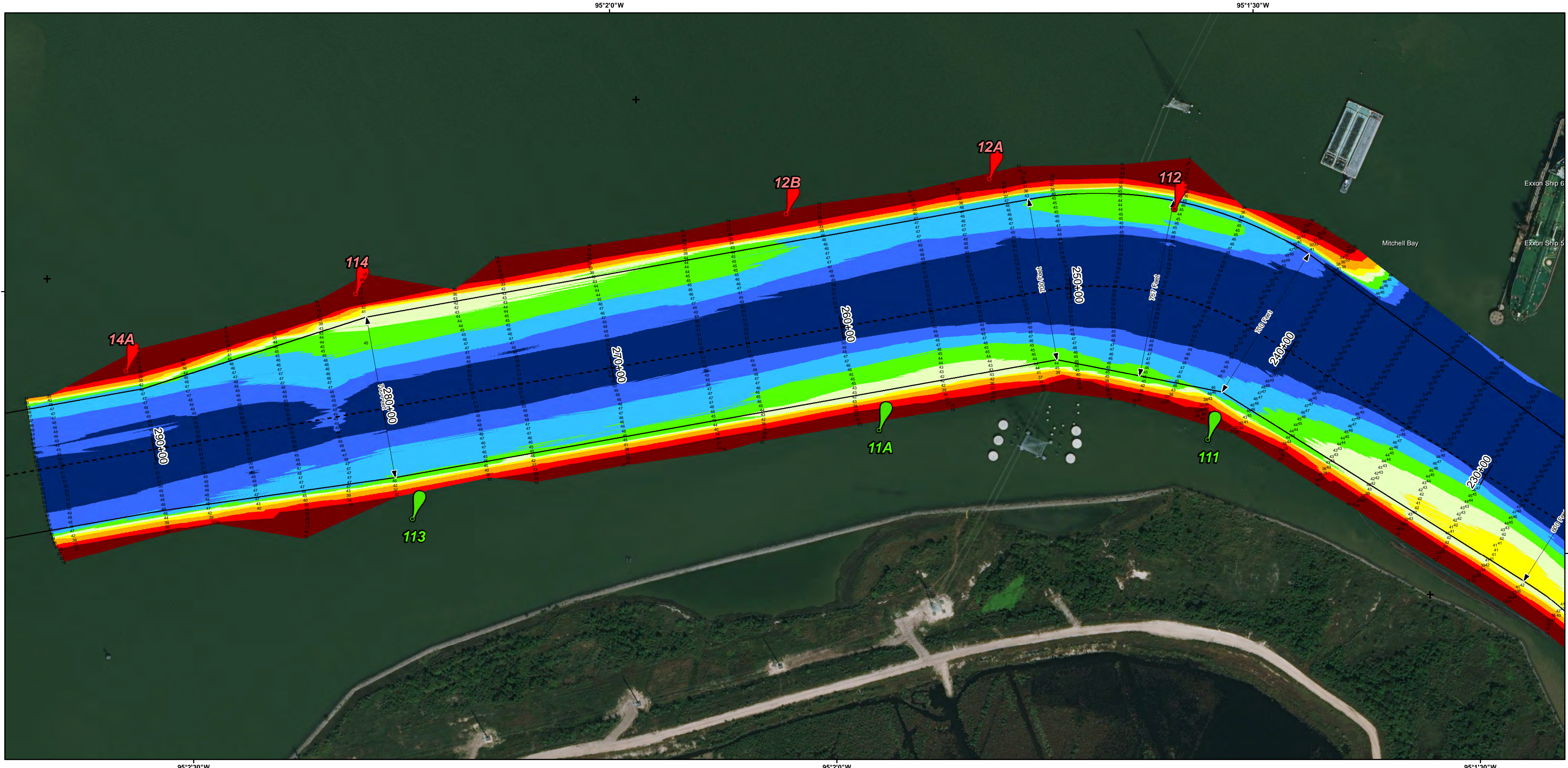
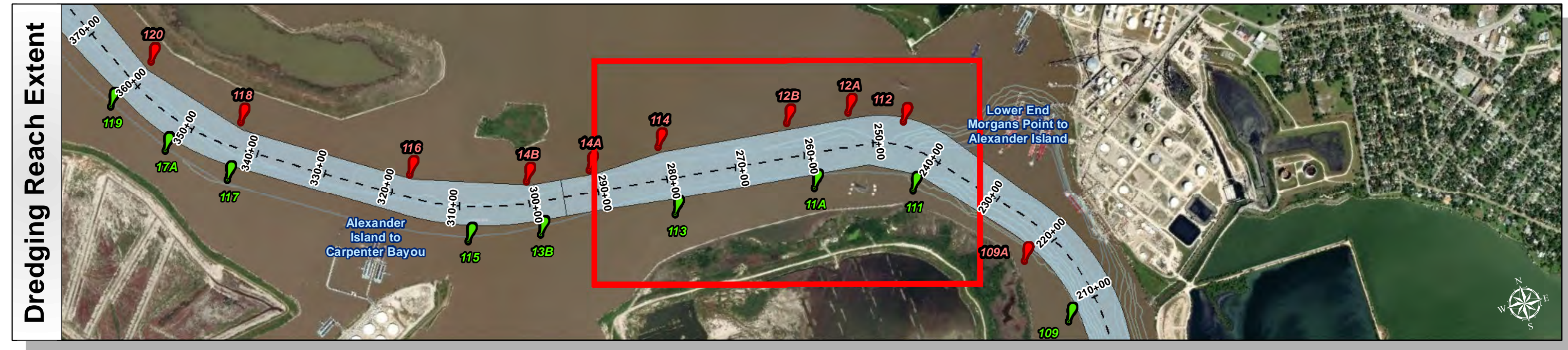
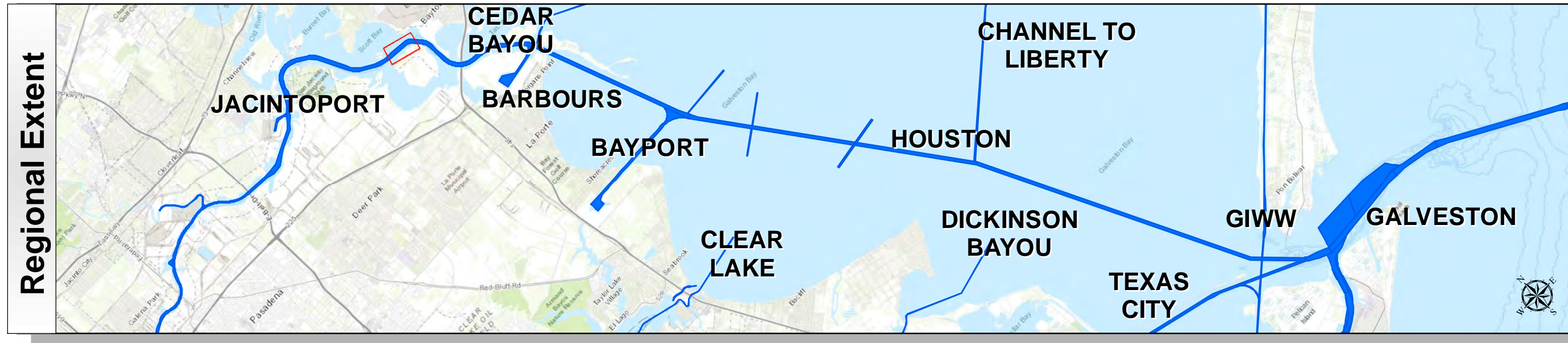
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U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

**Station: 0+000 to 295+00**  
**HOUSTON**  
HOUSTON, TEXAS

# Houston Ship Channel: Lower End Morgans Point to Alexander Island



U.S. Army Corps of Engineers  
Galveston District



Survey Date(s): 11 March 2019	Authorized Depth: -46.5ft.
Page: 29 of 61	Side Slope Ratio: (Rise : Run)
Scale: 1:2,500	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 5/15/2019
Additional Info:	

**Channel Features**

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**Aids to Navigation**

- Green Side Aids
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**MLLW**

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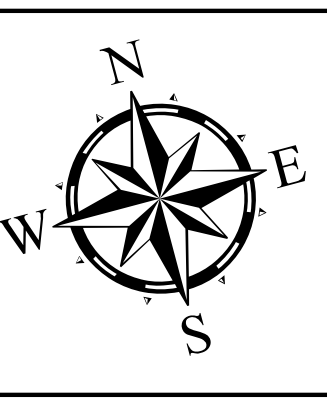
**NOAA Bathymetry (DREDGING REACH EXTENT)**

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  
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**Dredging Reach Extent**

**Hydrographic Survey Extent**

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