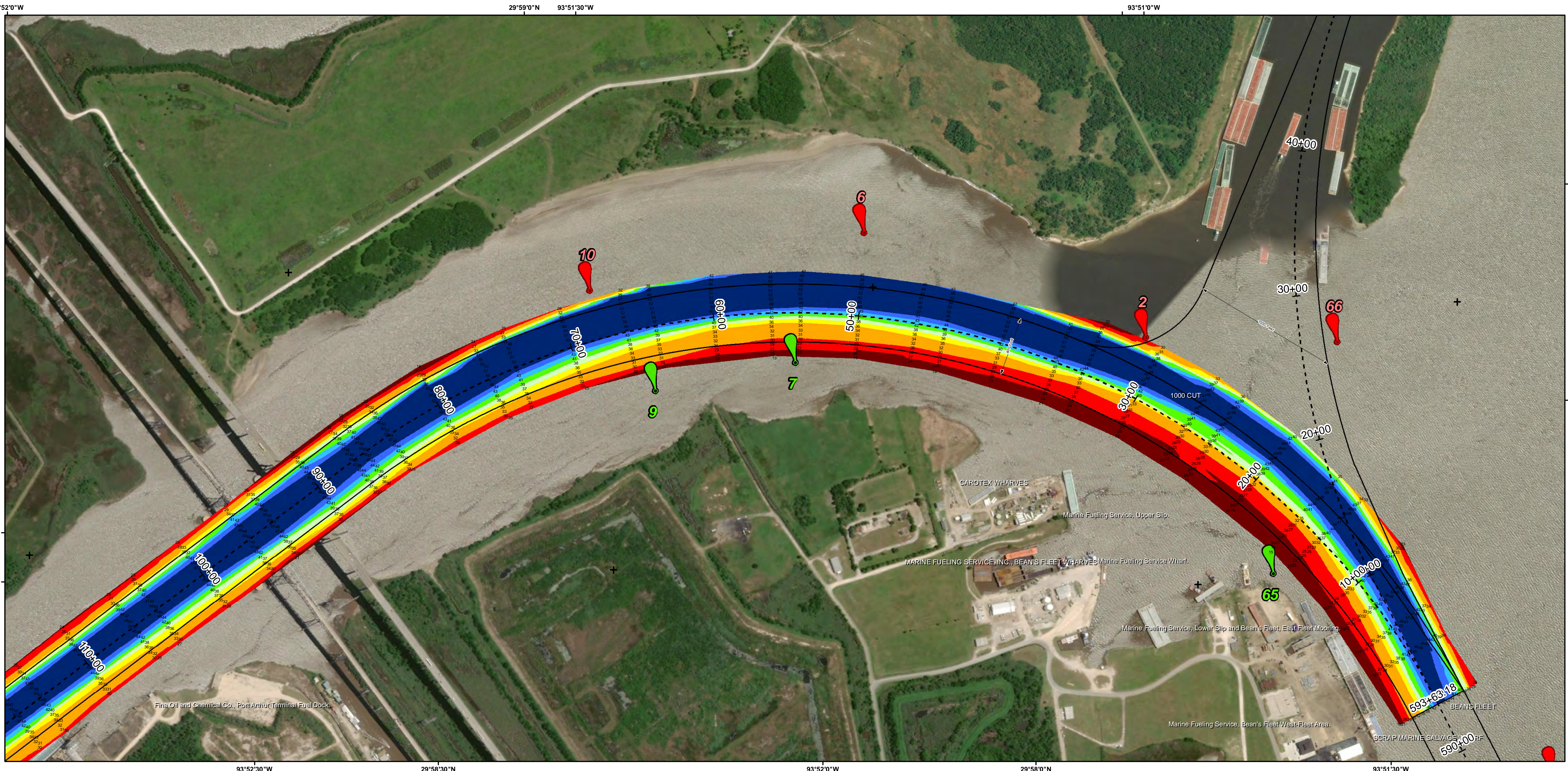
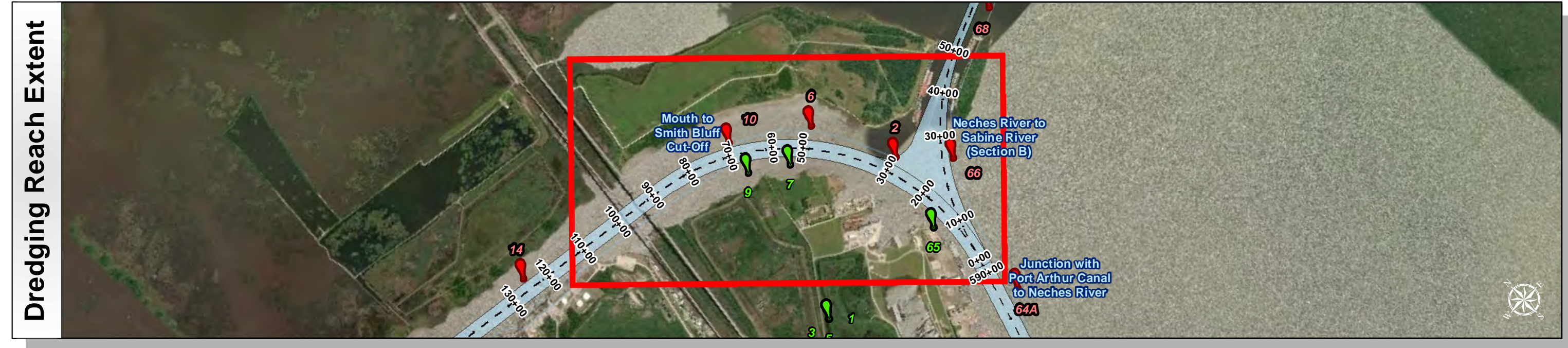
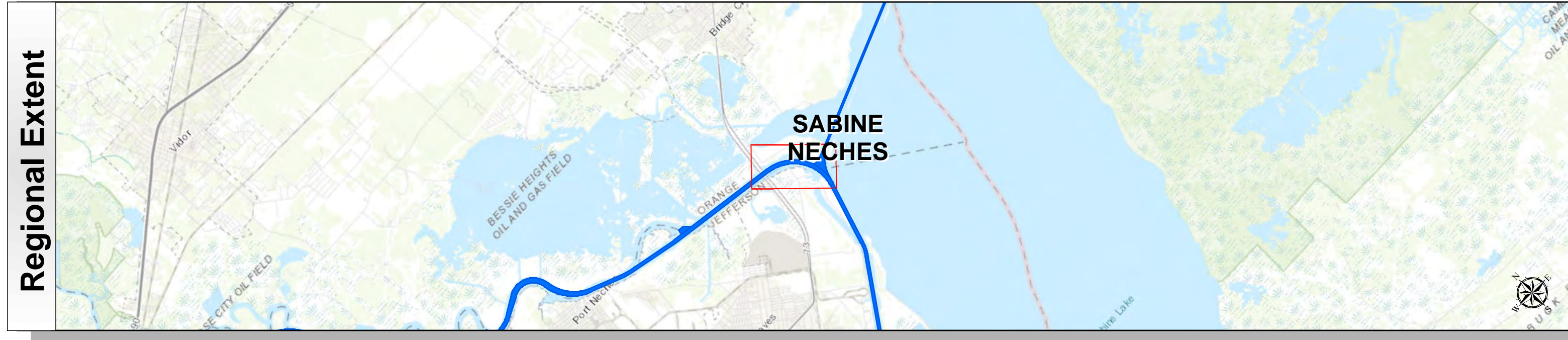


Sabine Neches Waterway: Mouth to Smith Bluff Cut-Off



U.S. Army Corps of Engineers
Galveston District

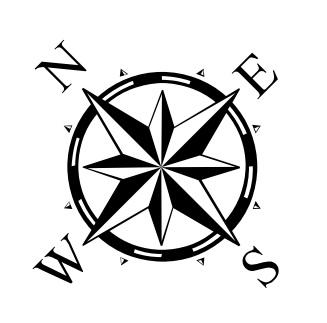


Channel Features	Aids to Navigation	MLLW
— Channel Toe	Green Side Aids	7 - 25
- - - Channel Center Line	Red Side Aids	25 - 30
— Channel Station Lines	Lights	30 - 35
↔ Channel Dimensions		35 - 37
		37 - 39
		39 - 41
		41 - 43
		43 - 45
		45 +
		NOAA Bathymetry (DREDGING REACH EXTENT)
		0 - 10
		10 - 15
		15 - 20
		20 - 25
		25 - 30
		30 - 50

NOTES:
 1. HORIZONTAL COORDINATES ARE REFERENCED TO TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE NAD83 US SURVEY FEET.
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 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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 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet Projection: Lambert Conformal Conic / Datum: North American 1983				
Dredging Reach Extent	0	0.425	0.85	1.7
	Miles			
Hydrographic Survey Extent	0	350	700	1,400
	Feet			

Survey Date(s): 10 April 2019	Authorized Depth: -40ft.
Page: 44 of 74	Side Slope Ratio: (Rise : Run)
Map:	Additional Imagery: © DigitalGlobe Inc.
Scale: 1:4,000	Print Date: 4/11/2019
Mapped by: MSAOX PAC	Additional Info:

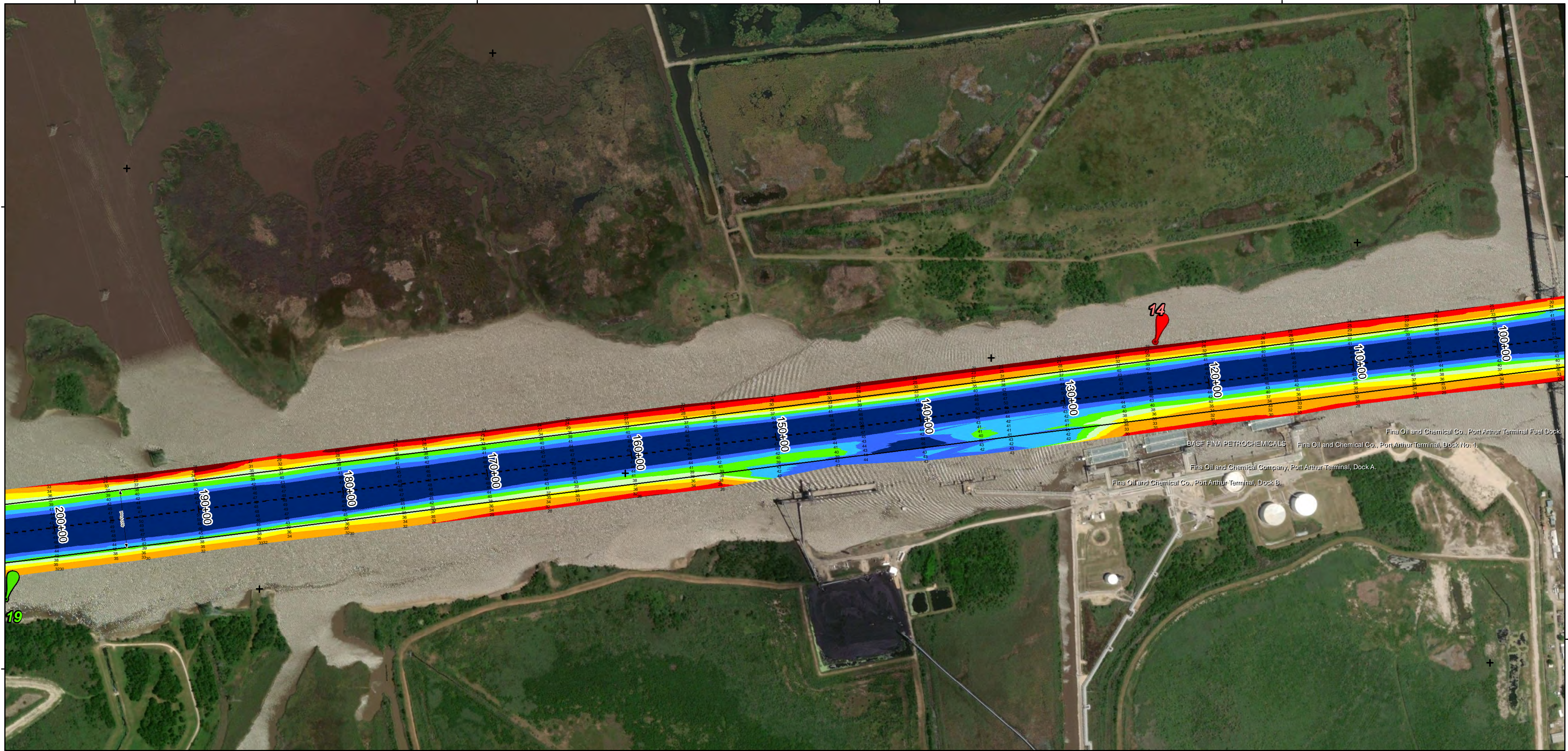
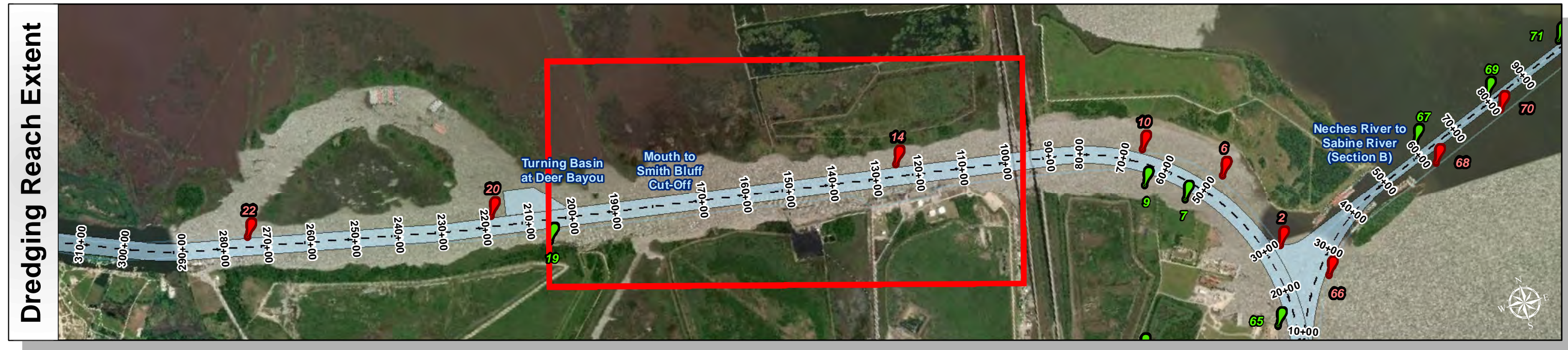
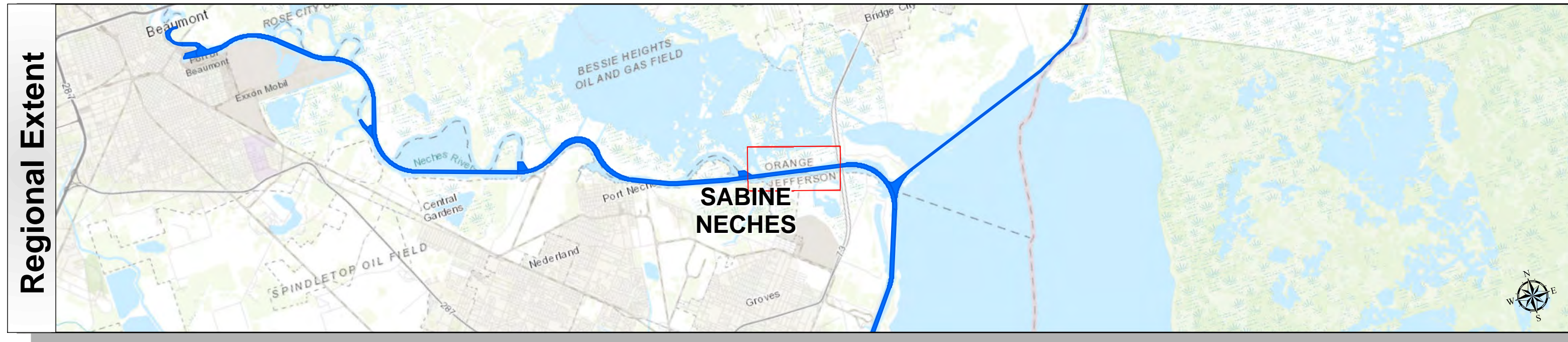
HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS

Station: 0+00 to 505+00
SABINE NECHES
 PORT ARTHUR, TEXAS

Sabine Neches Waterway: Mouth to Smith Bluff Cut-Off



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

7 - 25	25 - 30	30 - 35	35 - 37	37 - 39	39 - 41	41 - 43	43 - 45	45 +
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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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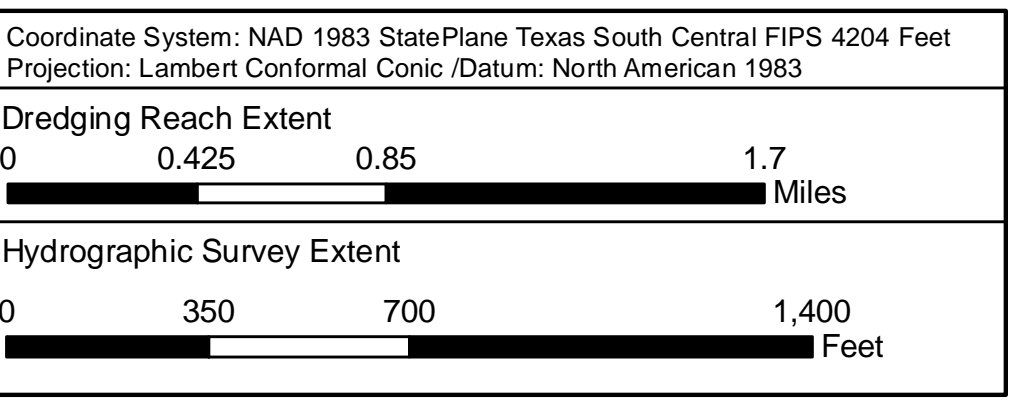
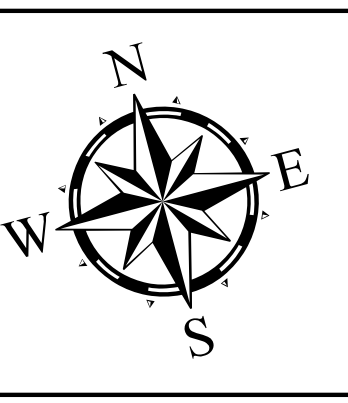
NOTES:

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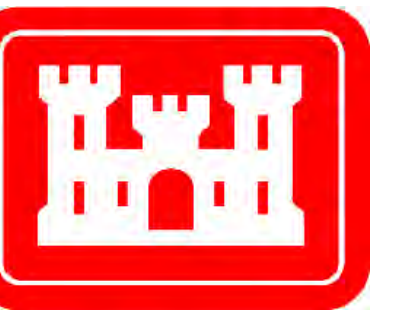


Survey Date(s): 10 April 2019	Authorized Depth: -40ft.
Page: 45 of 74	Side Slope Ratio: (Rise : Run)
Scale: 1:4,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 4/11/2019
Additional Info:	

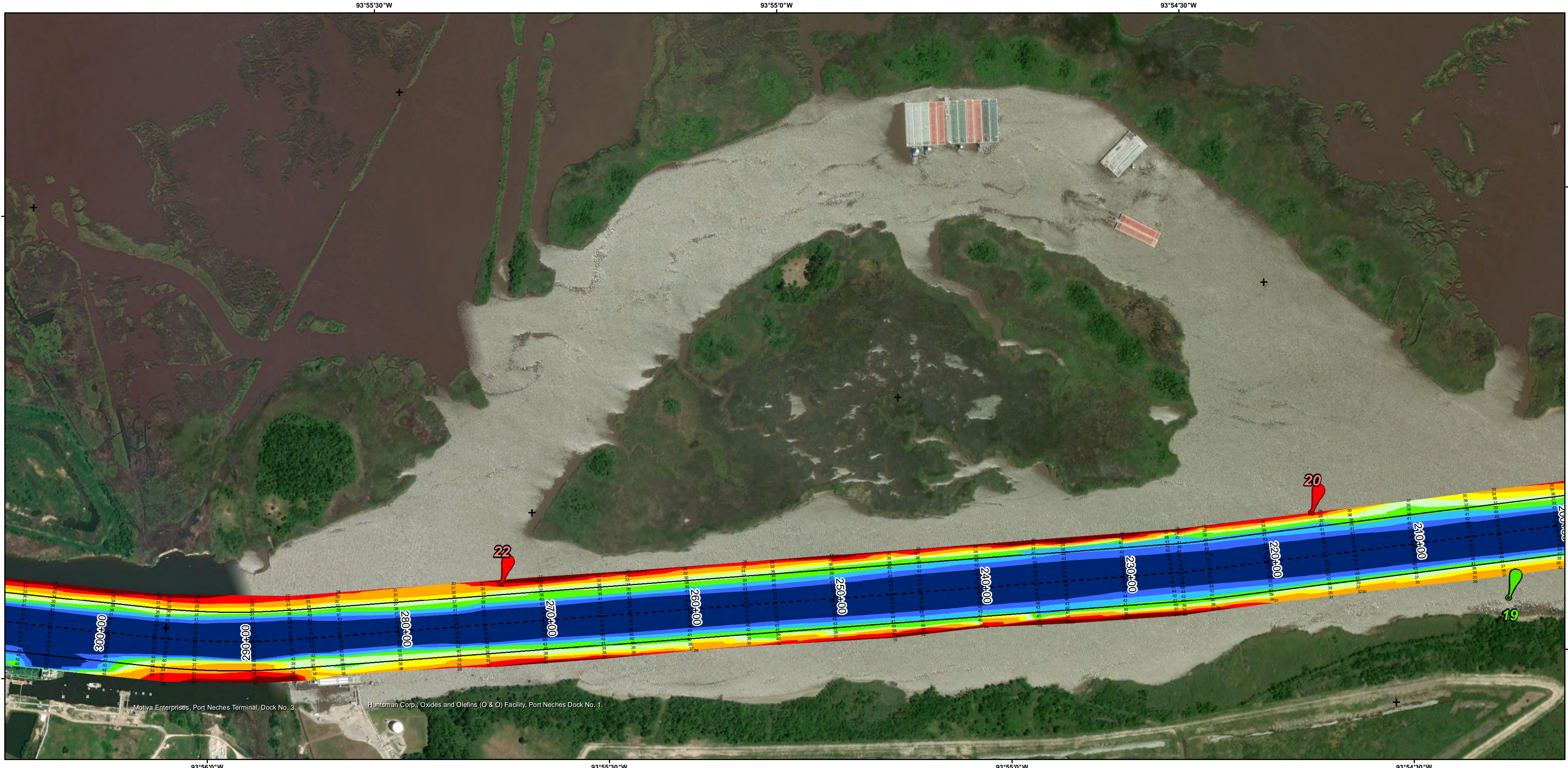
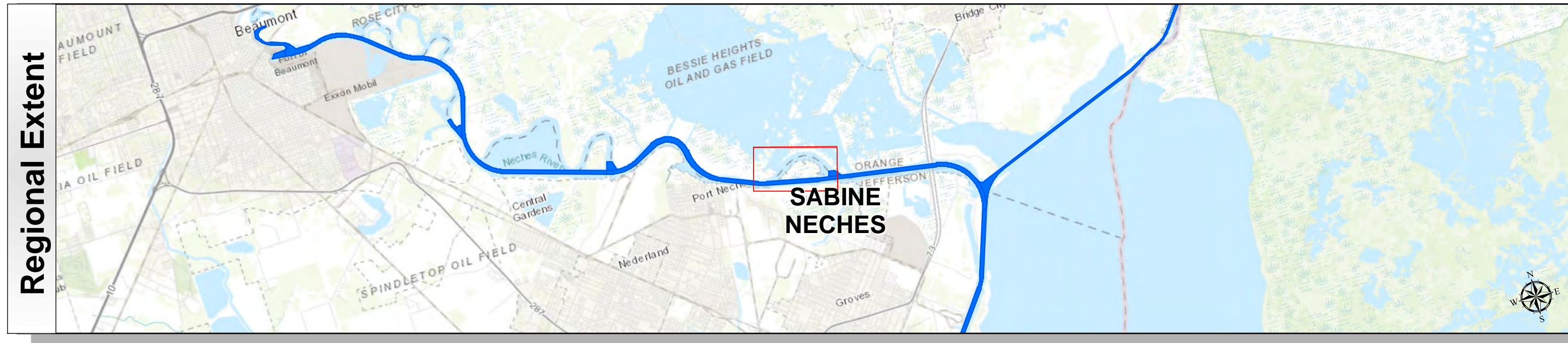
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 0+00 to 505+00
SABINE NECHES
PORT ARTHUR, TEXAS

Sabine Neches Waterway: Mouth to Smith Bluff Cut-Off



U.S. Army Corps of Engineers
Galveston District

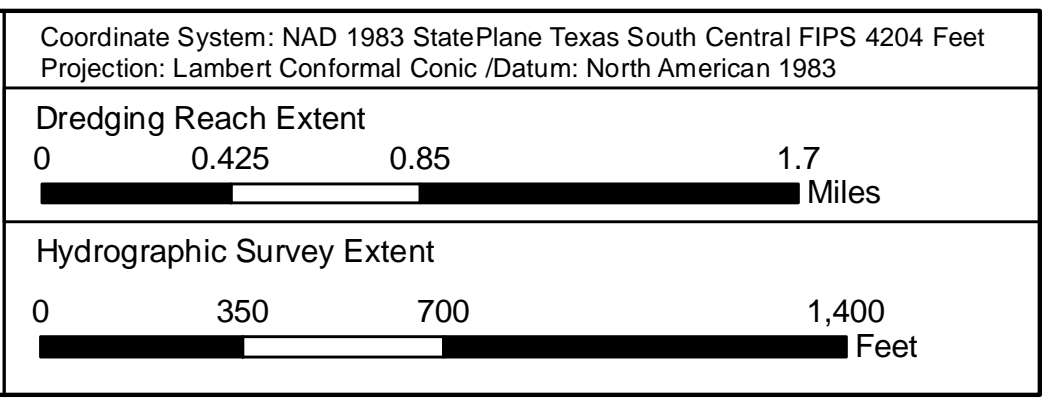
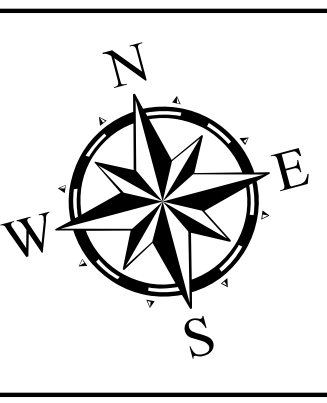


Channel Features	Aids to Navigation	MLLW
<ul style="list-style-type: none"> Channel Toe Channel Center Line Channel Station Lines Channel Dimensions 	<ul style="list-style-type: none"> Green Side Aids Red Side Aids Lights 	<p>7 - 25 25 - 30 30 - 35 35 - 37 37 - 39 39 - 41 41 - 43 43 - 45 45 +</p> <p>NOAA Bathymetry (DREDGING REACH EXTENT) 0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50</p>

NOTES:

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Survey Date(s): 10 April 2019	Authorized Depth: -40ft.
Page: 46 of 74	Side Slope Ratio: (Rise : Run)
Scale: 1:4,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 4/11/2019
Additional Info:	

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

Station: 0+00 to 505+00
SABINE NECHES
PORT ARTHUR, TEXAS

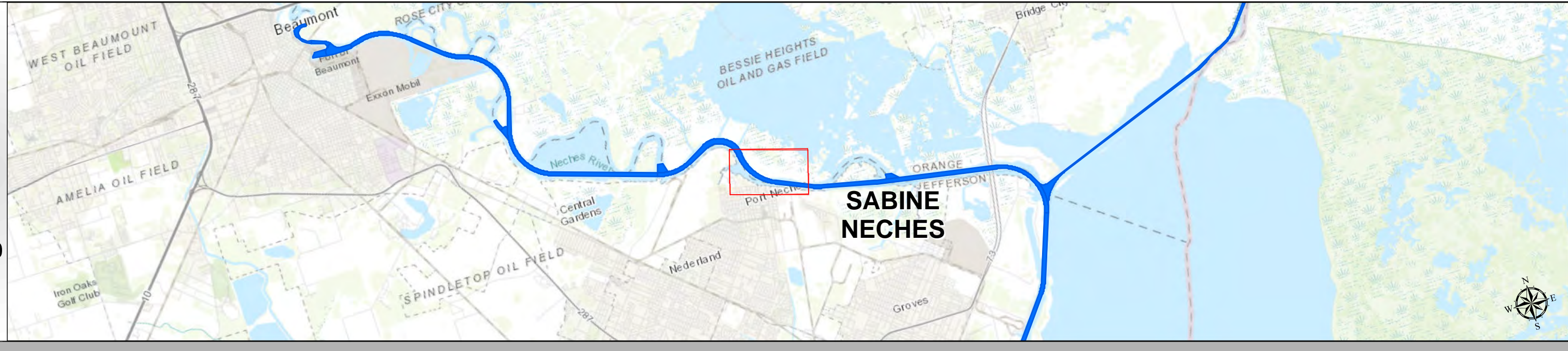
Sabine Neches Waterway: Mouth to Smith Bluff Cut-Off



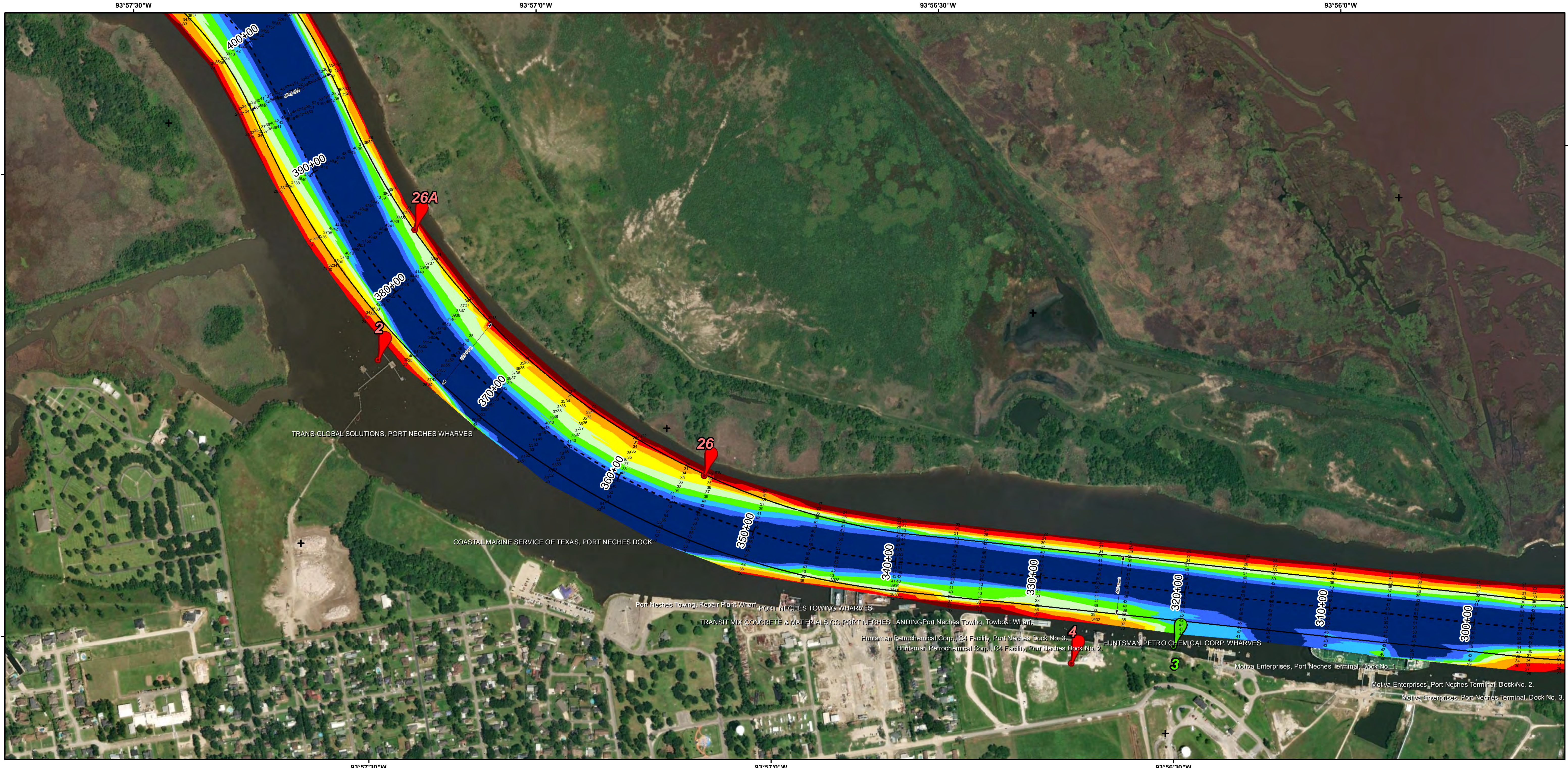
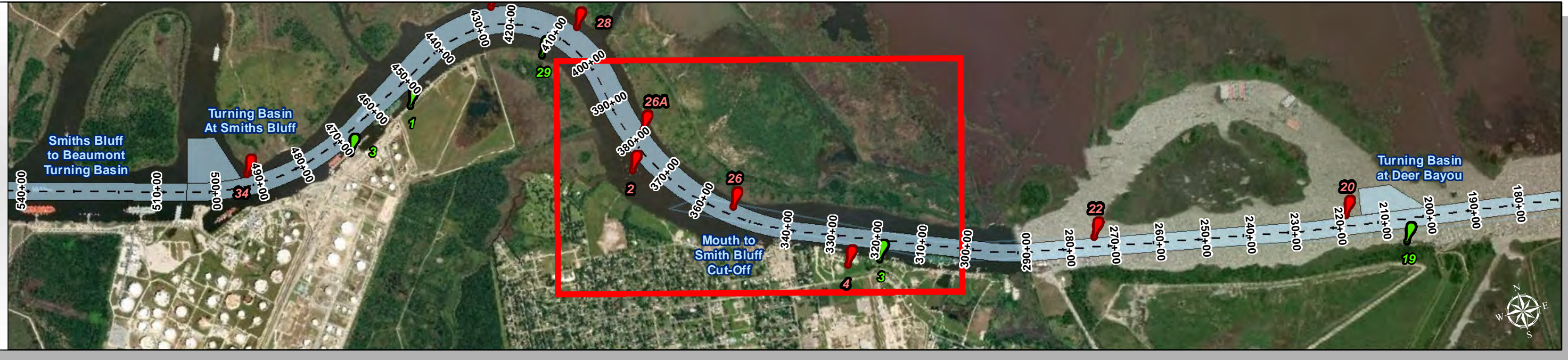
U.S. Army Corps of Engineers
Galveston District



Regional Extent



Dredging Reach Extent



Survey Date(s): 10 April 2019	Authorized Depth: -40ft.
Page: 47 of 74	Side Slope Ratio: (Rise : Run)
Scale: 1:4,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 4/11/2019
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

7 - 25
25 - 30
30 - 35
35 - 37
37 - 39
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45 +

NOAA Bathymetry (DREDGING REACH EXTENT)

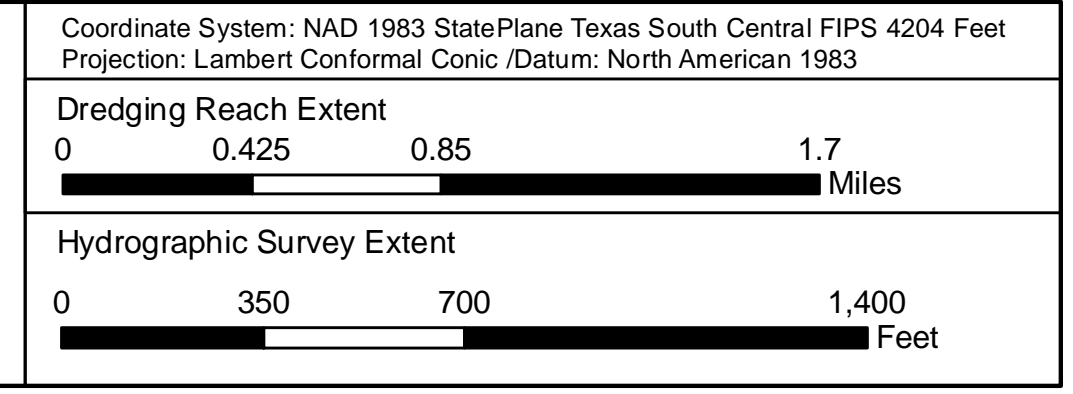
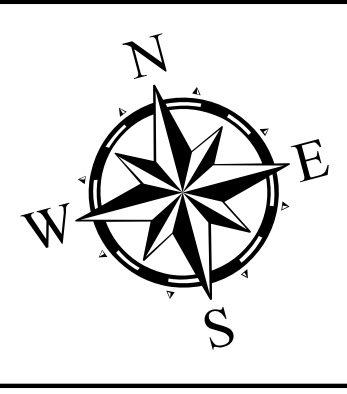
0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50

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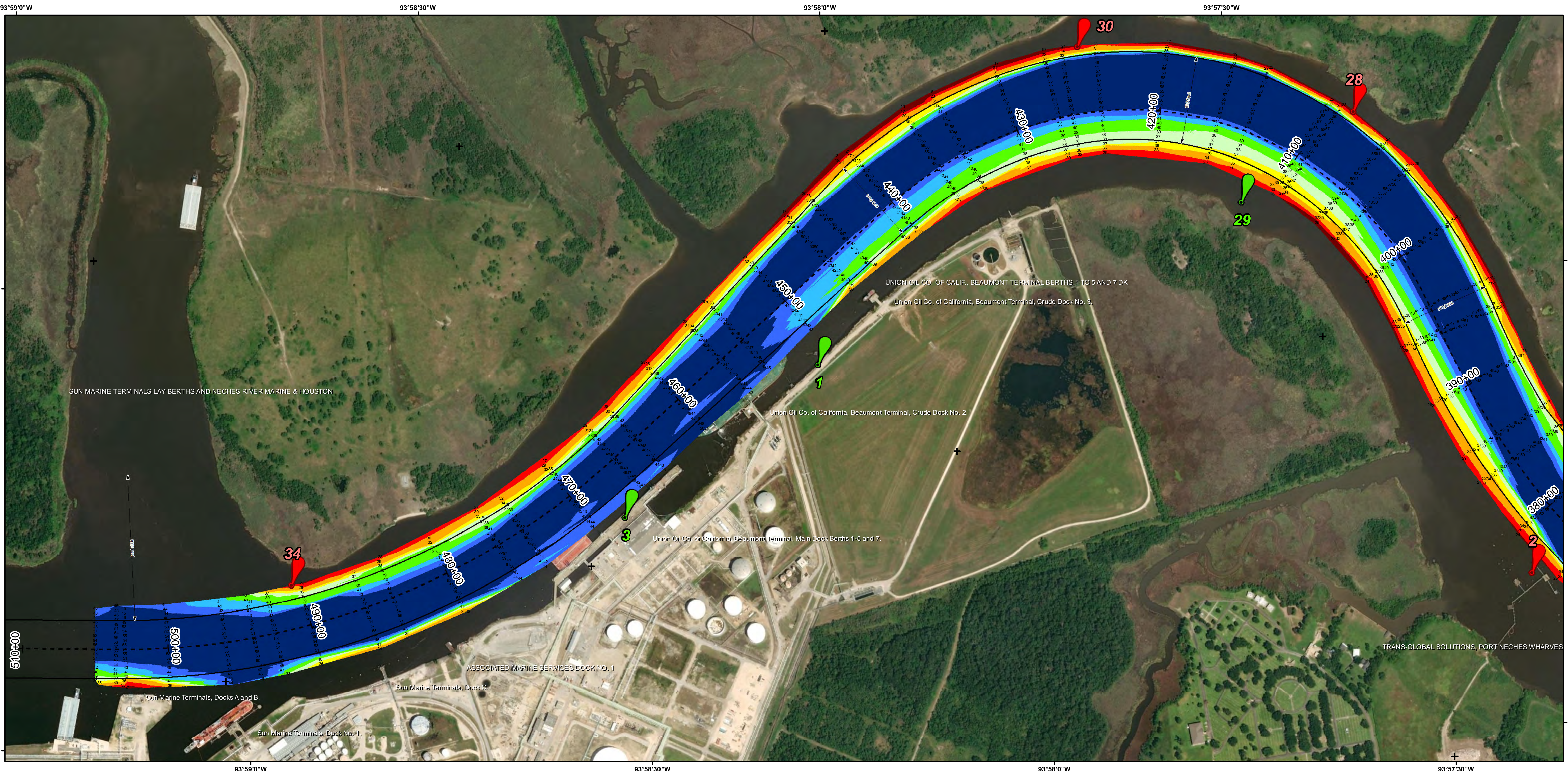
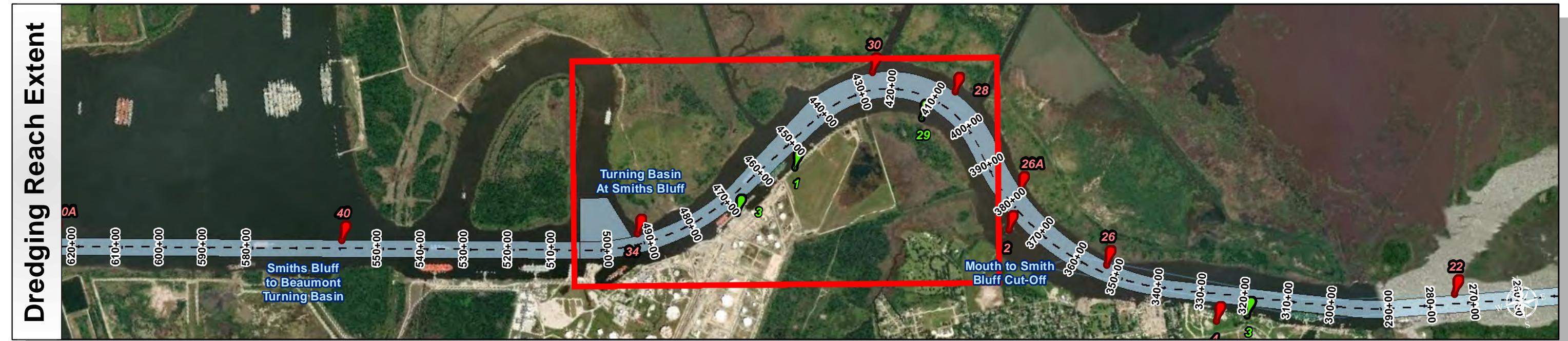
HYDROGRAPHIC SURVEY
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GALVESTON, TEXAS

Station: 0+00 to 505+00
SABINE NECHES
PORT ARTHUR, TEXAS

Sabine Neches Waterway: Mouth to Smith Bluff Cut-Off



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 	<table border="1"> <tr> <td>7 - 25</td> <td>25 - 30</td> <td>30 - 35</td> <td>35 - 37</td> <td>37 - 39</td> <td>39 - 41</td> <td>41 - 43</td> <td>43 - 45</td> <td>45 +</td> </tr> </table> <p>NOAA Bathymetry (DREDGING REACH EXTENT)</p> <table border="1"> <tr> <td>0 - 10</td> <td>10 - 15</td> <td>15 - 20</td> <td>20 - 25</td> <td>25 - 30</td> <td>30 - 50</td> </tr> </table>	7 - 25	25 - 30	30 - 35	35 - 37	37 - 39	39 - 41	41 - 43	43 - 45	45 +	0 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 50
7 - 25	25 - 30	30 - 35	35 - 37	37 - 39	39 - 41	41 - 43	43 - 45	45 +									
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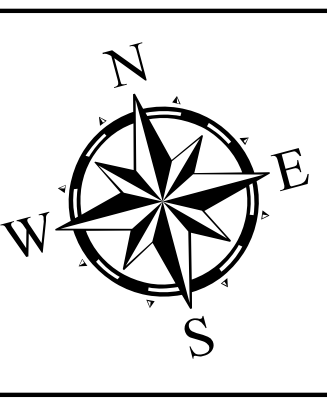
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