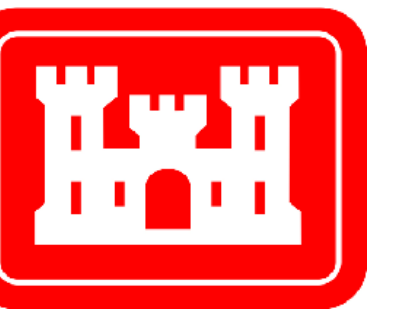
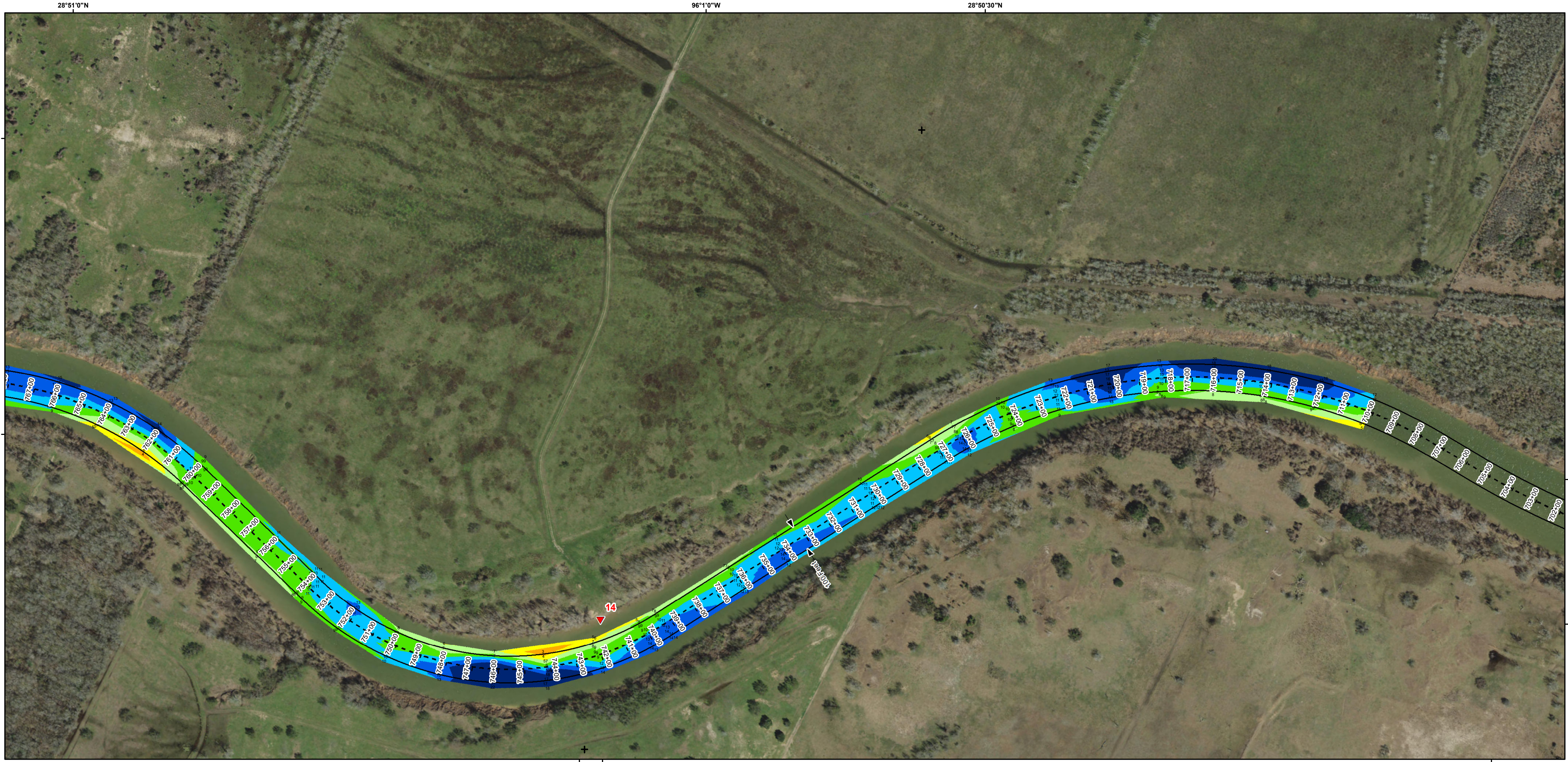


Colorado River: Mile 13.5 to Mile 15.5



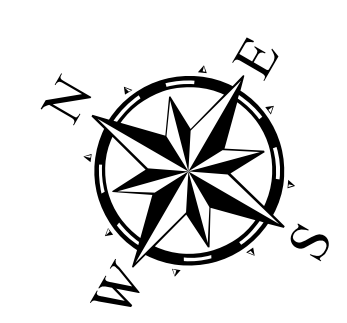
U.S. Army Corps of Engineers
Galveston District



Channel Features	Aids to Navigation	MLLW
Channel Toe	Lights	0 - 1
Channel Center Line	Red Side Aids	1 - 3
Channel Station Lines	Green Side Aids	3 - 5
Channel Dimensions	Mooring Buoy	5 - 7
		7 - 9
		9 - 11
		11 - 13
		13 - 15
		15 +
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.
 2. ELEVATIONS ARE REFERENCED TO MEAN LOWER LOW TIDE (MLLW) DATUM.
 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.

4. THE INFORMATION DEPICTED ON THIS SURVEY MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME. THESE CONDITIONS ARE SUBJECT TO RAPID CHANGE DUE TO SHOALING EVENTS. A PRUDENT MARINER SHOULD NOT RELY EXCLUSIVELY ON THE INFORMATION PROVIDED HERE. REQUIRED BY 33 CFR 209.325
 5. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: [HTTP://WWW.SWG.USACE.ARMY.MIL/MISSIONS/NAVIGATION/HYDROGRAPHIC/SURVEYS/](http://www.swg.usace.army.mil/missions/navigation/hydrographic/surveys/)
 6. NOAA BATHYMETRY CONTOURS PRODUCED FROM HISTORIC BATHYMETRIC (HYDROGRAPHIC) SURVEYS CONDUCTED BY THE NOAA NATIONAL OCEAN SERVICE COAST SURVEY, AVAILABLE FROM THE NATIONAL GEOPHYSICAL DATA CENTER. SURVEYS VARY AS TO SOUNDING DENSITY, ACCURACY OF DEPTH, ACCURACY OF NAVIGATION, ZERO DATUM, DATE OF SURVEY AND TYPE OF INSTRUMENTATION.



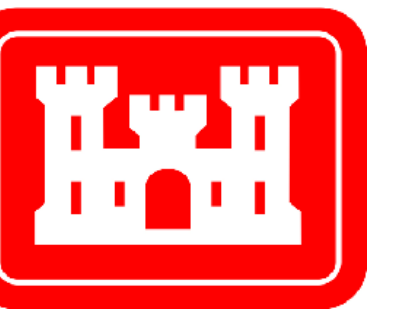
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 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet Projection: Lambert Conformal Conic /Datum: North American 1983	
Dredging Reach Extent	0 0.25 0.5 1 Miles
Hydrographic Survey Extent	0 137.5 275 550 Feet

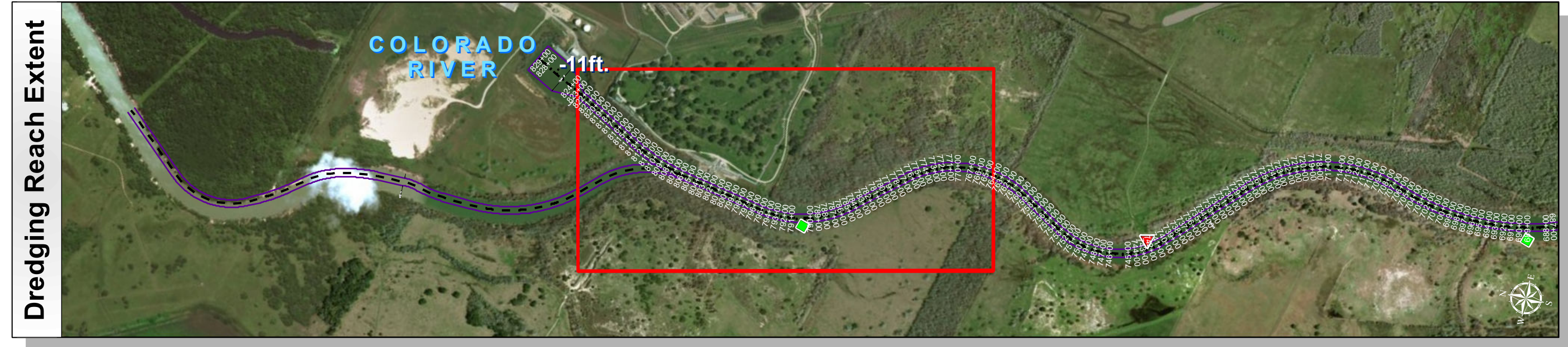
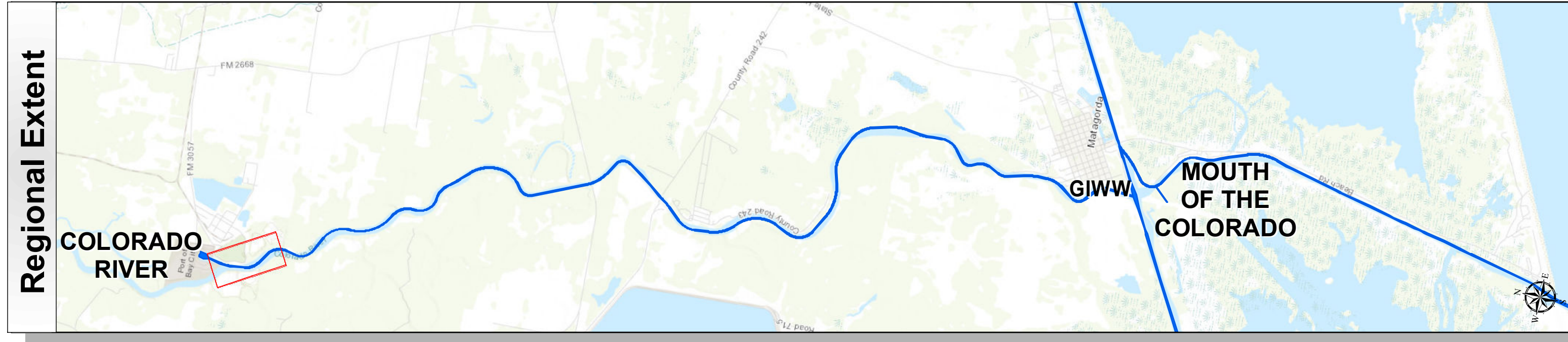
Survey Date(s): 28 April 2018	Authorized Depth: -11ft.
Page: 14 of 16	Side Slope Ratio: (Rise : Run)
Scale: 1:2,200	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odhvk	Print Date: 6/12/2018
Additional Info:	

HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS
Station: 71+200 to 81+746
Colorado River
 BAY CITY, TEXAS

Colorado River: Mile 13.5 to Mile 15.5



U.S. Army Corps of Engineers
Galveston District



Survey Date(s): 28 April 2018	Authorized Depth: -11ft.
Page: 15 of 16	Side Slope Ratio: (Rise : Run)
Scale: 1:2,200	Additional Imagery: © DigitalGlobe Inc.
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Additional Info:	

Channel Features

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

Aids to Navigation

- Lights
- Red Side Aids
- Green Side Aids
- Mooring Buoy

MLLW

0 - 1, 1 - 3, 3 - 5, 5 - 7, 7 - 9, 9 - 11, 11 - 13, 13 - 15, 15 +

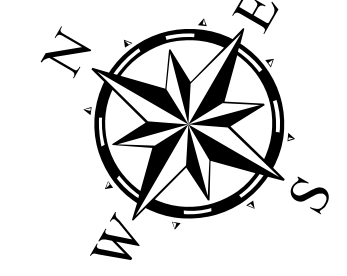
NOAA Bathymetry (DREDGING REACH EXTENT)

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
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Dredging Reach Extent

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Hydrographic Survey Extent

0 137.5 275 550 Feet

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

Station: 71+200 to 81+746
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BAY CITY, TEXAS