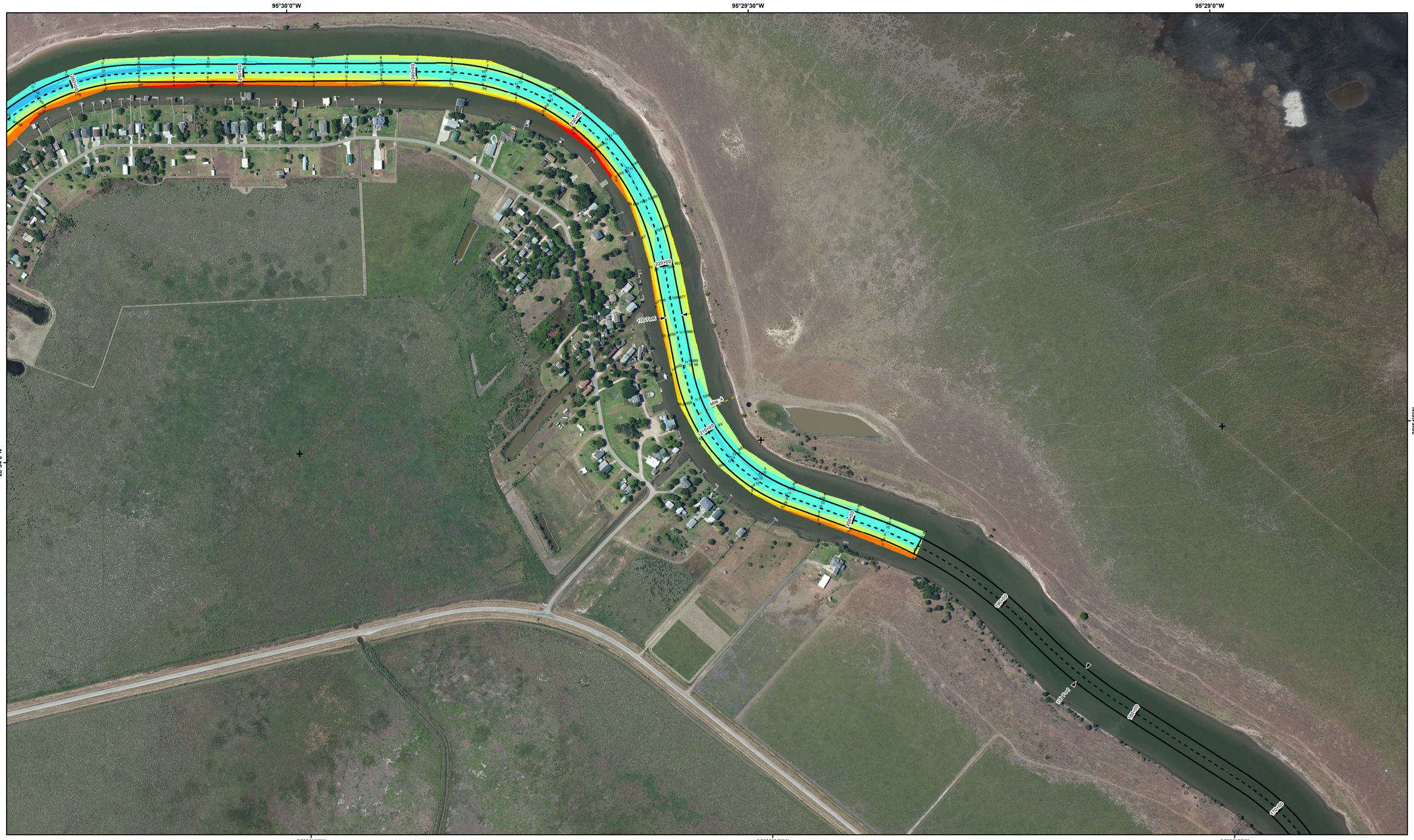
Mile 3.7 to Mile 8



Aids to Navigation

- Station Line
- Channel Center Line
- Mileage
- Navigation Channel
- Dimensions
- Lights
- Red Side Aids
- Green Side Aids
- Mooring Buoy

Depth in Feet

4 and Shallower | 4 - 6 | 6 - 7 | 7 - 8 | 8 - 10 | 10 - 12 | 12 - 14 | 14 - 15 | 15 and Deeper

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 LOW TIDE (MLT) 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: WWW.SWG.USACE.ARMY.MIL

N W E S

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic
Datum: North American 1983
False Easting: 1,968,500.0000
False Northing: 13,123,333.3333
Central Meridian: -99.0000
Standard Parallel 1: 28.3833
Standard Parallel 2: 30.2833
Latitude Of Origin: 27.8333
Units: Foot US

Service Layer Credits: Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User

0 180 360 720 1,080 Feet

US Army Corps of Engineers ®
Galveston District

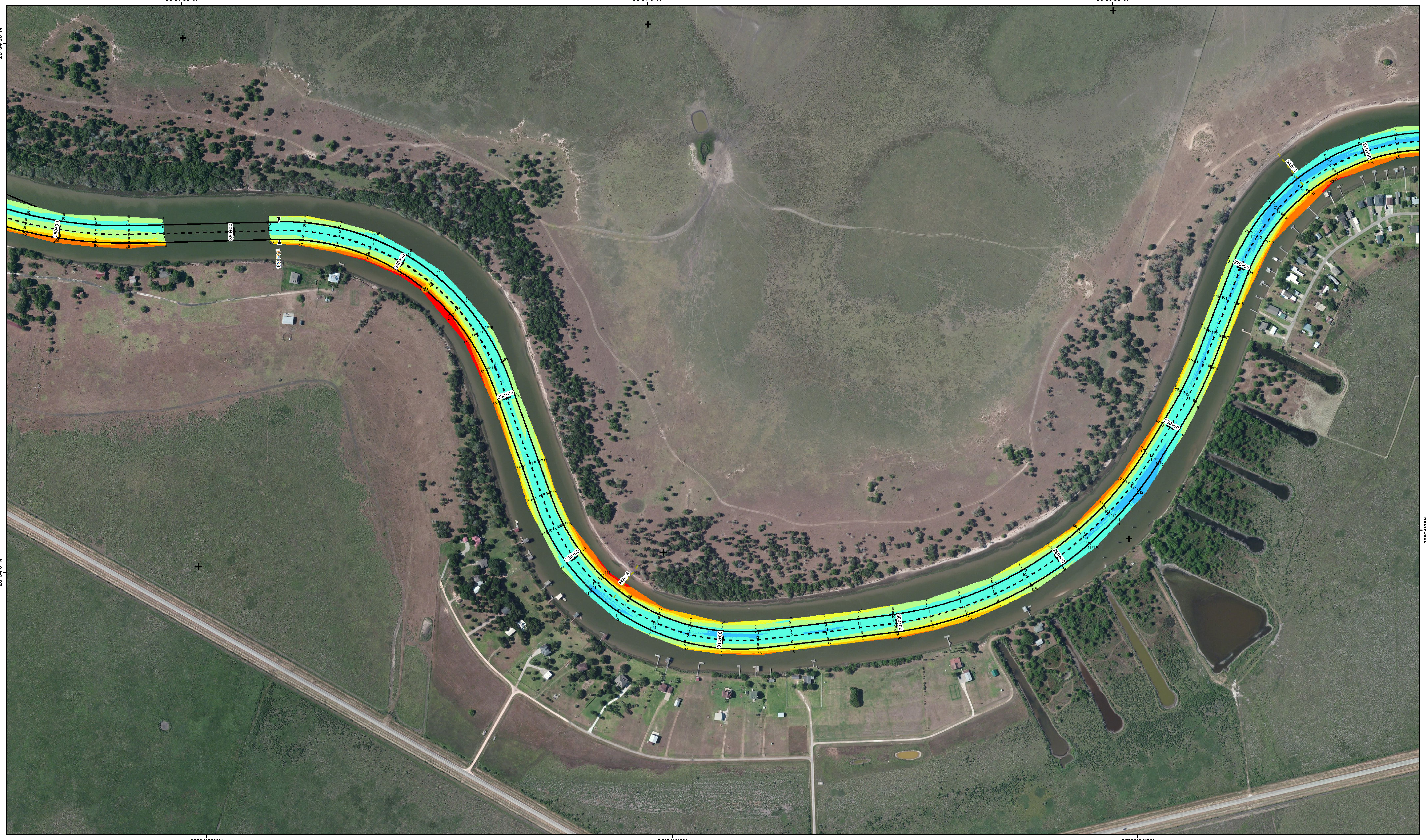
Authorized Depth: -9ft.	
Side Slope Ratio: (Rise : Run)	
Survey Date(s): 20 May 2014	
Page: 6 of 23	Map: 6
Scale: 1:3,000	
Mapped by: m3odnmfp	
Imagery Date: October 27, 2013 © DigitalGlobe Inc.	

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

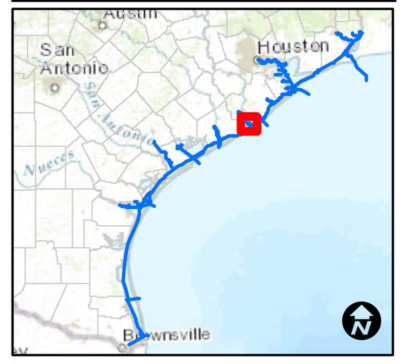
Mile 3.7 to Mile 8

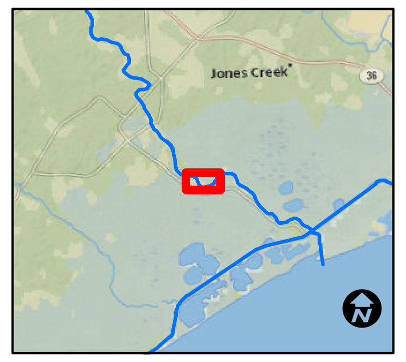
Station: 196+00 to 420+00
San Bernard River Channel
, TEXAS

Mile 3.7 to Mile 8



US Army Corps of Engineers ®
Galveston District





Authorized Depth: -9ft.
Side Slope Ratio: (Rise : Run)

Survey Date(s): 20 May 2014
Page: 7 of 23 Map: 7
Scale: 1:3,000
Mapped by: m3odnmfp
Imagery Date: October 27, 2013 © DigitalGlobe Inc.

HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS
Mile 3.7 to Mile 8

Station: 196+00 to 420+00
San Bernard River Channel
, TEXAS

- Station Line
- Channel Center Line
- Mileage
- Navigation Channel
- Dimensions

Aids to Navigation

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

Depth in Feet

4 and Shallower | 4 - 6 | 6 - 7 | 7 - 8 | 8 - 10 | 10 - 12 | 12 - 14 | 14 - 15 | 15 and Deeper

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N
W E
S

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Standard Parallel 2: 30.2833
Latitude Of Origin: 27.8333
Units: Foot US

Service Layer Credits: Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User

0 180 360 720 1,080 Feet

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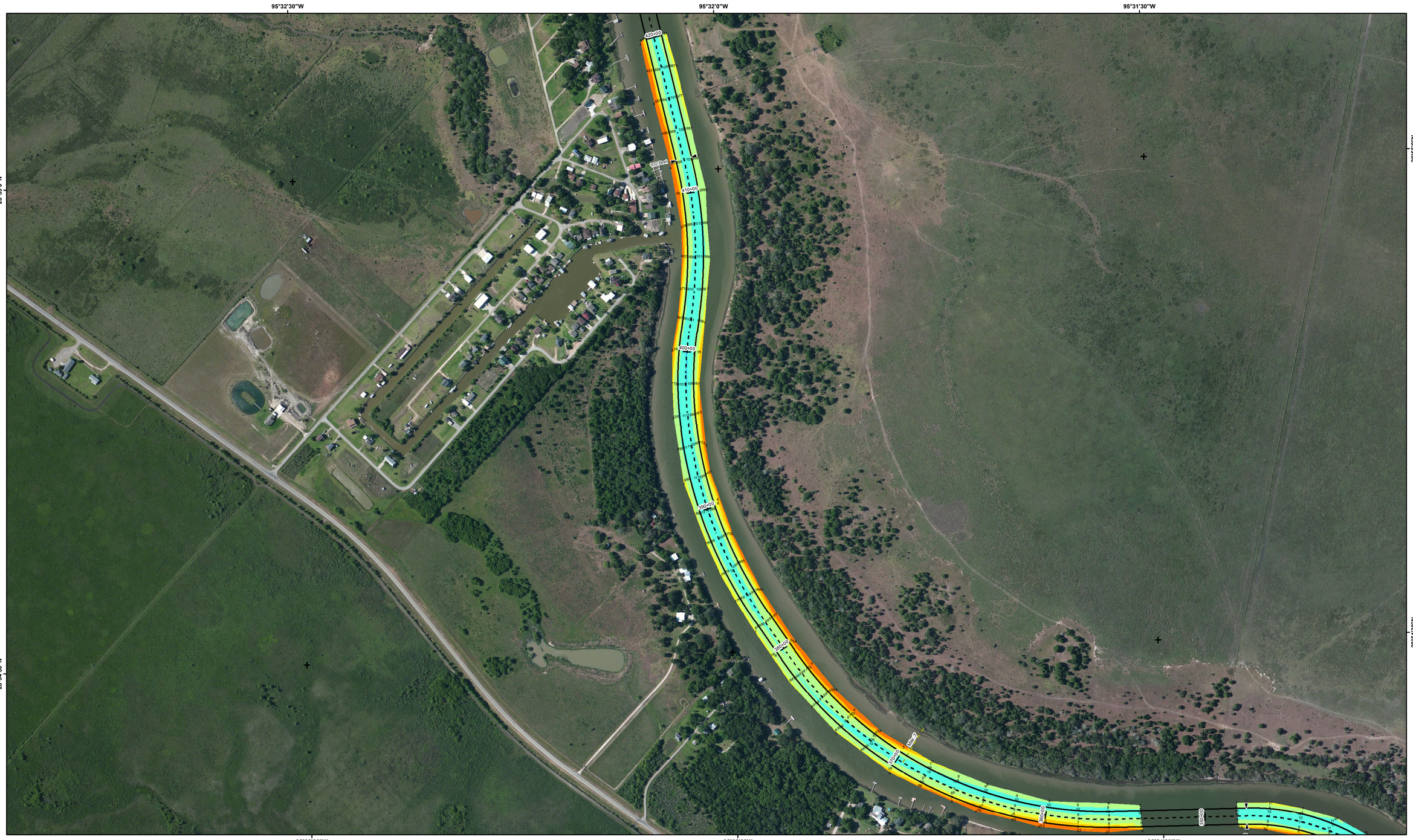

US Army Corps of Engineers ®
Galveston District

Survey Date(s):	20 May 2014
Page:	8 of 23
Map:	8
Scale:	1:3,250
Authorized Depth: -9ft.	
Side Slope Ratio: (Rise : Run)	
Mapped by: m3odnmfp	
Imagery Date:	October 27, 2013 © DigitalGlobe Inc.

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

Mile 3.7 to Mile 8

Station: 196+00 to 420+00
San Bernard River Channel
, TEXAS

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0 200 400 800 1,200 Feet