

Houston Ship Channel: Hunting Bayou to Sims Bayou (Southern Pacific Slip)



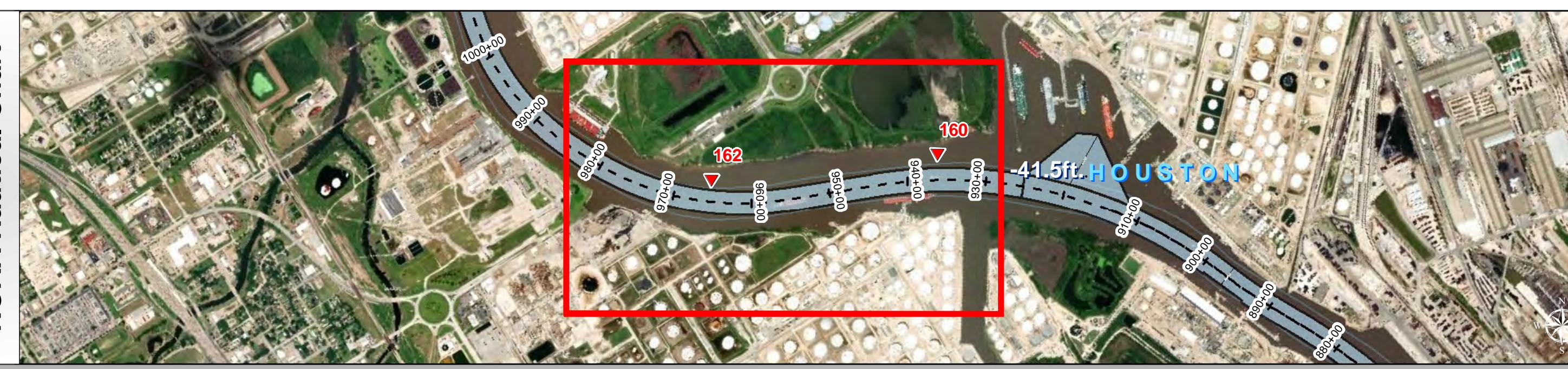
U.S. Army Corps of Engineers
Galveston District



Regional Extent



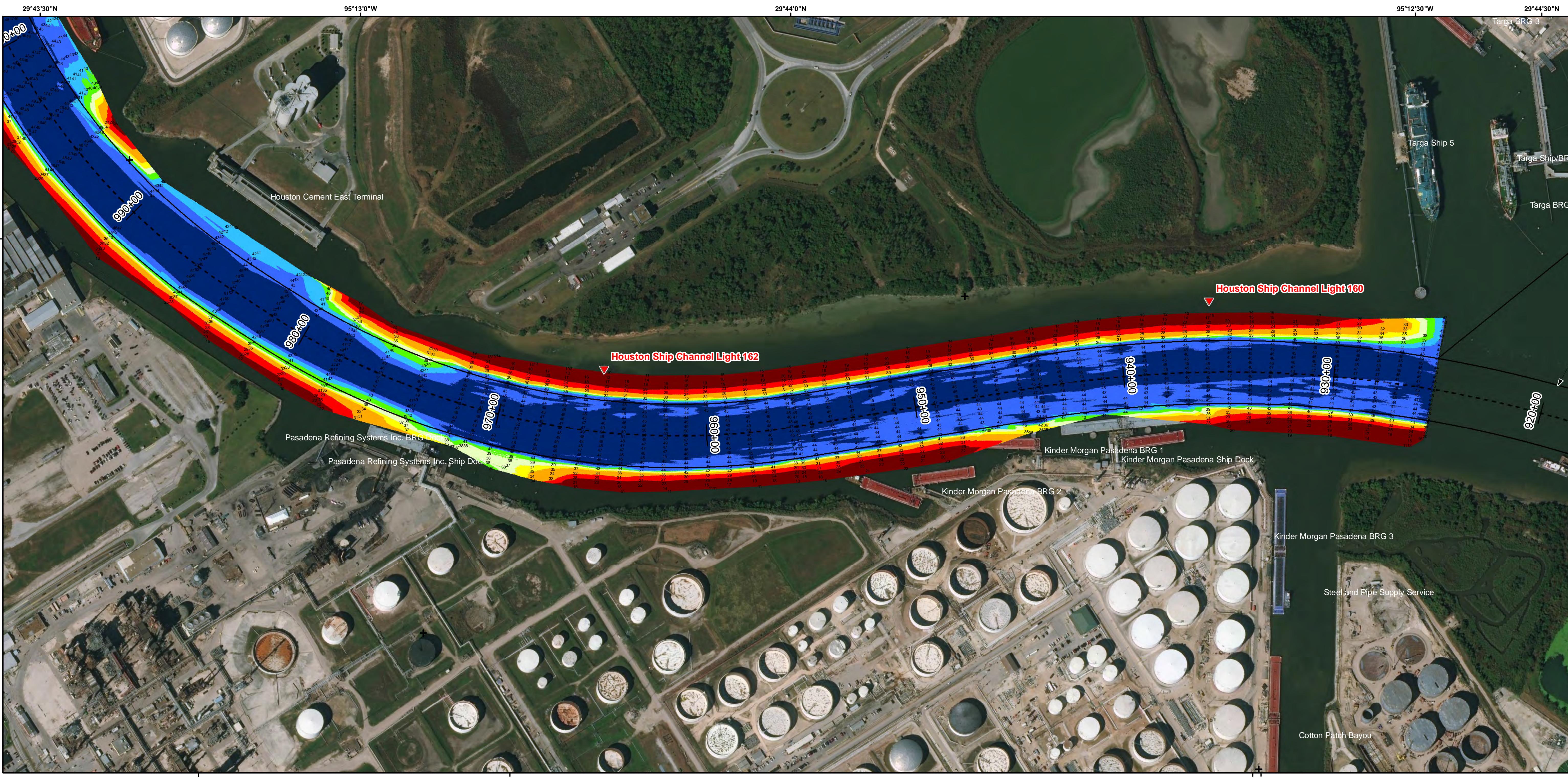
NOAA Nautical Chart



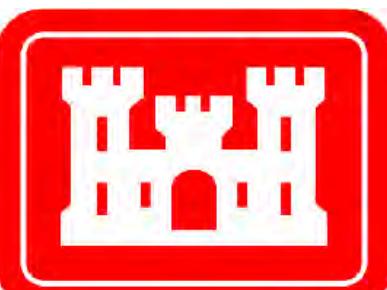
Survey Date(s): 05 September 2018	Authorized Depth: -41.5ft.
Page: 43 of 56	Map:
Scale: 1:2,800	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	Additional Imagery: © DigitalGlobe Inc.
Additional Info:	Print Date: 9/6/2018

Survey Date(s): 05 September 2018	Authorized Depth: -41.5ft.
Page: 43 of 56	Map:
Scale: 1:2,800	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	Additional Imagery: © DigitalGlobe Inc.
Additional Info:	Print Date: 9/6/2018

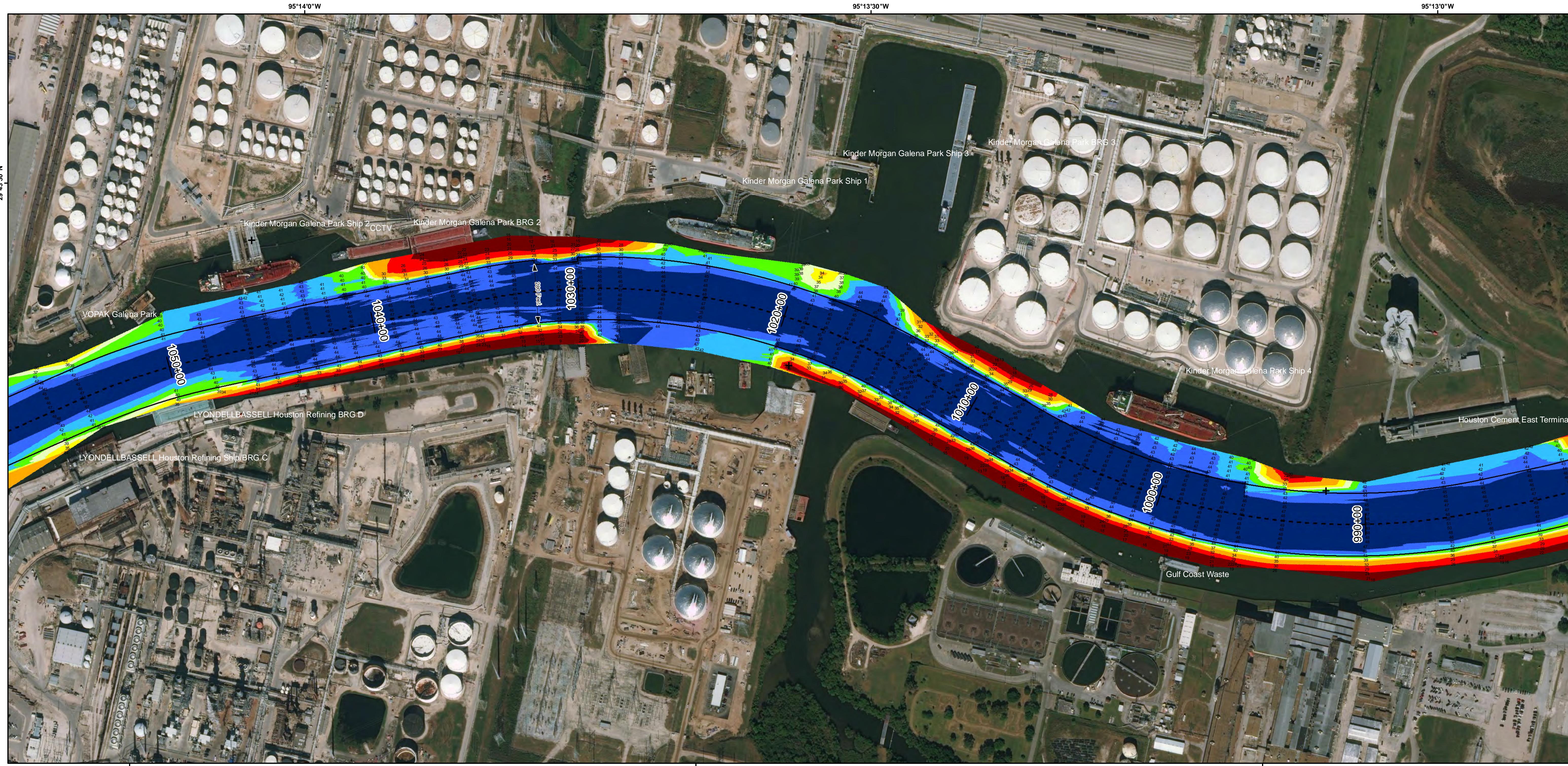
HYDROGRAPHIC SURVEY	
U.S. ARMY ENGINEER DISTRICT	CORPS OF ENGINEERS GALVESTON, TEXAS
Station: 925+25 to 1110+77.54	HOUSTON HOUSTON, TEXAS
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet	Projection: Lambert Conformal Conic /Datum: North American 1983
Aids to Navigation	NOAA Nautical Chart Extent
MLLW	0 0.25 0.5 1 Miles
Lights	25 - 30
Red Side Aids	30 - 35
Green Side Aids	35 - 37
Mooring Buoy	37 - 39
Channel Features	41 - 43
Channel Toe	43 - 45
Channel Center Line	45 - 47
Channel Station Lines	NOAA Bathymetry (DREDGING REACH EXTENT)
Channel Dimensions	0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50
NOTES:	4. THE INFORMATION DEPICTED ON THIS SURVEY MAP REPRESENTS THE RESULTS OF SURVEYS MADE BY THE U.S. ARMY CORPS OF ENGINEERS AND CAN NOT BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THE 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
1. HORIZONTAL COORDINATES ARE REFERENCED TO TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE NAD83 US SURVEY FEET.	5. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT HTTP://WWW.SNG.USACE.ARMY.MIL/MISSEONS/NAVIGATIONHYDROGRAPHICSURVEYS/
2. ELEVATIONS ARE REFERENCED TO MEAN LOWER LOW TIDE (MLLW) DATUM.	6. NOAA BATHYMETRY CONTOURS PRODUCED FROM HISTORIC BATHYMETRIC (HYDROGRAPHIC) SURVEYS CONDUCTED BY THE NOAA COASTAL SURVEY AND CO-LOCATED SURVEY AVAILABLE FROM THE COASTAL GEOPHYSICAL CENTER. SURVEY VARY BY SOURCE, DENSITY, ACCURACY OF DEPTH, ACCURACY OF NAVIGATION, ZERO DATUM, DATE OF SURVEY, AND TYPE OF INSTRUMENTATION. NOAA NAUTICAL CHARTS PROVIDED VIA RNC MAP SERVICE



Houston Ship Channel: Hunting Bayou to Sims Bayou (Southern Pacific Slip)



**U.S. Army Corps of Engineers
Galveston District**



Survey Date(s):	05 September 2018		
Page:	44	of	56
Map:			
Scale:	1:2,800		
Mapped by:	M3AOXPAC		
Additional Info :			
Authorized Depth:	-41.5ft.		
Side Slope Ratio:	(Rise : Run)		
Additional Imagery:	© DigitalGlobe Inc.		
Print Date:	9/6/2018		

HYDROGRAPHIC SURVEY

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

Station: 925+25 to 1110+77.54

HOUSTON

HOUSTON, TEXAS

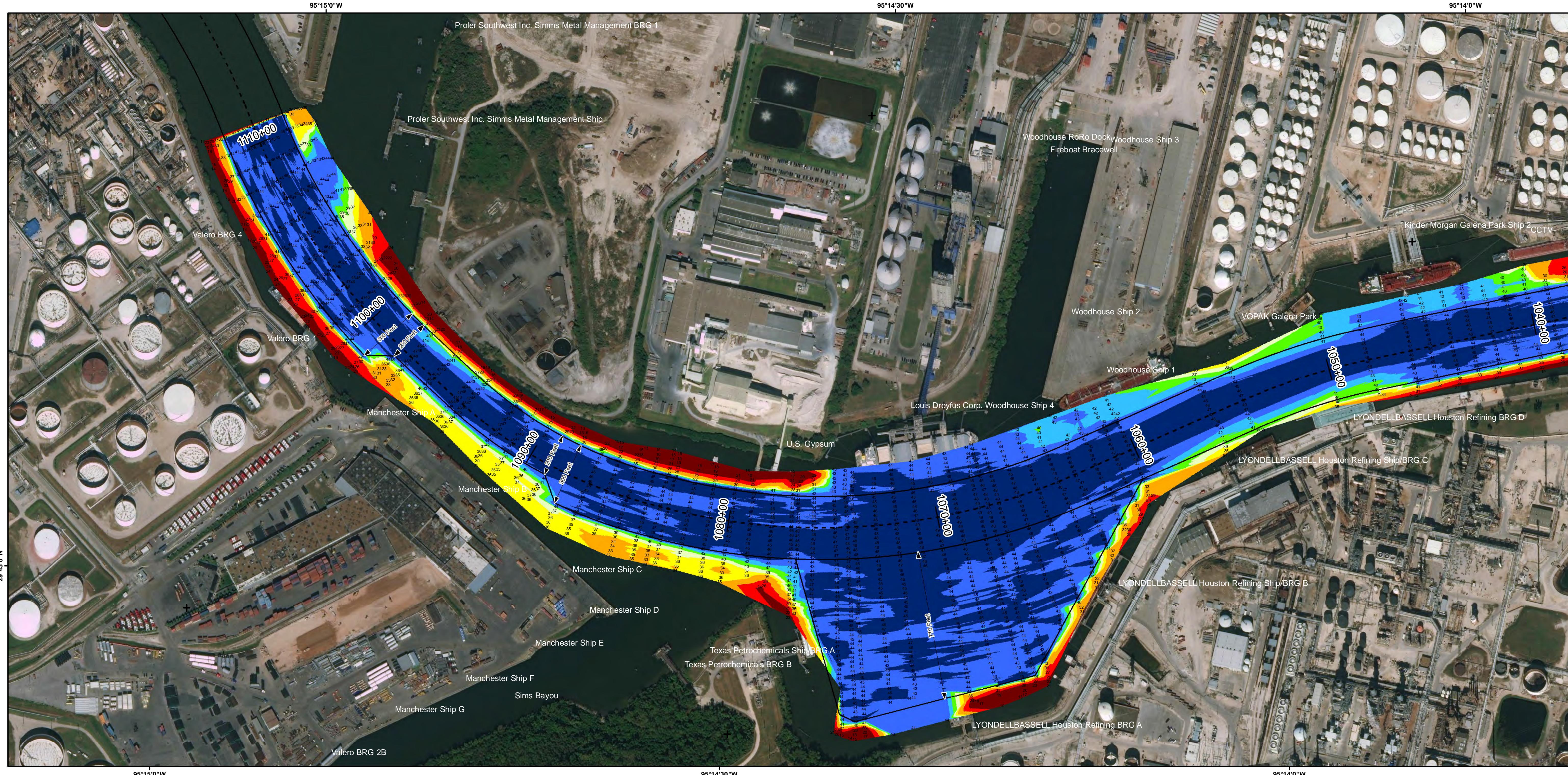
Houston Ship Channel: Hunting Bayou to Sims Bayou (Southern Pacific Slip)



U.S. Army Corps of Engineers
Galveston District



Regional Extent



HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS
Station: 925+25 to 1110+77.54
HOUSTON
HOUSTON, TEXAS

Channel Features	Aids to Navigation	MLLW
Channel Toe	Lights	7 - 25
Channel Center Line	Red Side Aids	25 - 30
Channel Station Lines	Green Side Aids	30 - 35
Channel Dimensions	Moorings Buoy	35 - 37
		37 - 39
		39 - 41
		41 - 43
		43 - 45
		45 - 47

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 ER110-1-8152.

4. THE INFORMATION DEPICTED ON THIS SURVEY MAP REPRESENTS THE RESULTS OF SURVEYS MADE DURING THE DATES INDICATED AND CAN NOT 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 HEREIN. REQUIRED BY 33 CFR 209.325

5. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT [HTTP://WWW.SNG.USACE.ARMY.MIL/MISSEONS/NAVIGATION/HYDROGRAPHICSURVEYS/](http://www.sng.usace.army.mil/missions/navigation/hydrographicsurveys/)

6. NOAA BATHYMETRY CONTOURS PRODUCED FROM HISTORIC BATHYMETRIC (HYDROGRAPHIC) SURVEYS CONDUCTED BY THE NOAA NATIONAL MARSHAL SURVEY COASTAL SURVEY AVAILABLE FROM THE NOAA GENERAL SURVEY CENTER. SURVEYS VARY IN CONTOUR DENSITY, ACCURACY OF DEPTH, ACCURACY OF NAVIGATION, ZERO DATUM, DATE OF SURVEY, AND TYPE OF INSTRUMENTATION. NOAA NAUTICAL CHARTS PROVIDED VIA RNC MAP SERVICE

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors
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
NOAA Nautical Chart Extent
0 0.25 0.5 1 Miles
Hydrographic Survey Extent
0 235 470 940 Feet

