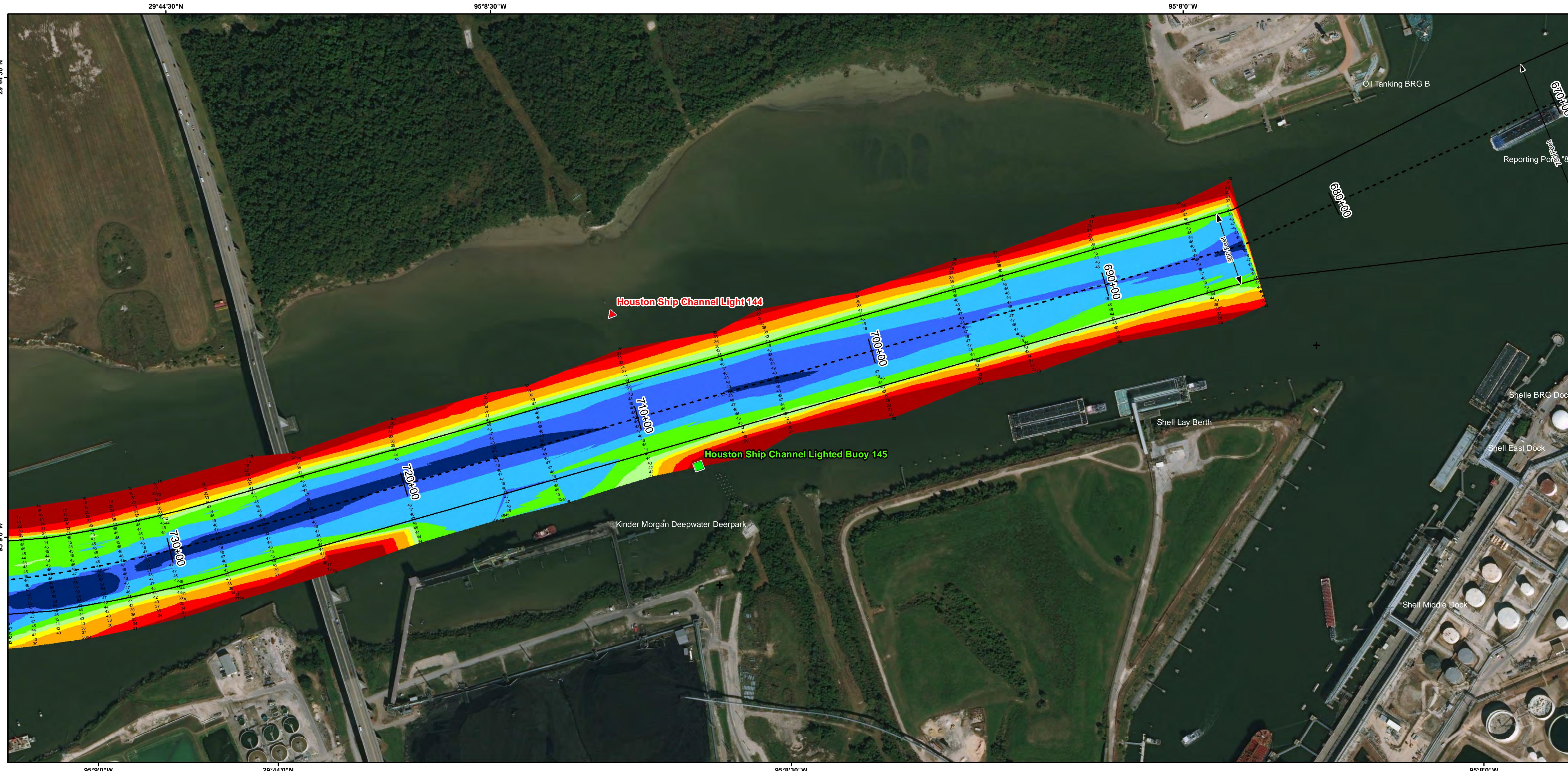
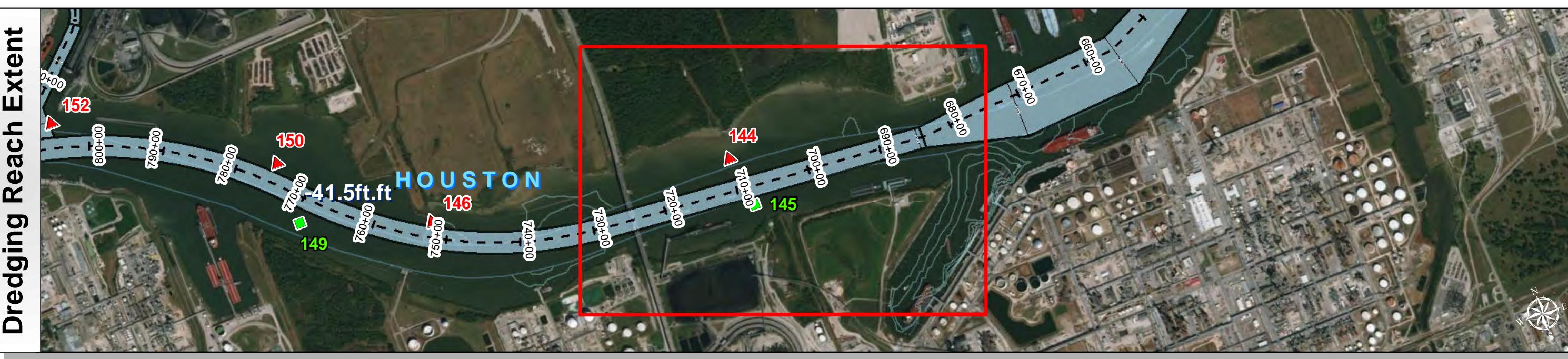


U.S. Army Corps of Engineers
Galveston District



Houston Ship Channel: Boggy Bayou to Greens Bayou

Regional Extent



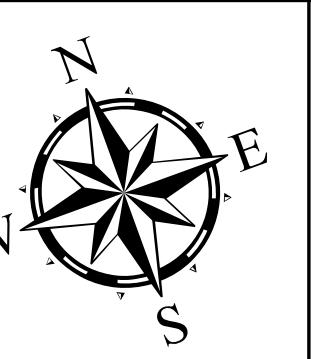
Survey Date(s): 01 May 2018	Page: 38 of 56	Map:	Authorized Depth: -41.5ft.
			Side Slope Ratio: (Rise : Run)
			Additional Imagery: © DigitalGlobe Inc.
			Print Date: 5/2/2018
			Additional Info:

HYDROGRAPHIC SURVEY	
U.S. ARMY ENGINEER DISTRICT	CORPS OF ENGINEERS
Galveston, Texas	Boggy Bayou to Greens Bayou
Station: 684+03.19 to 833+05.17	Houston, Texas

Channel Features	Aids to Navigation	MLLW
Channel Toe	Lights	0 - 30
Channel Center Line	Red Side Aids	30 - 35
Channel Station Lines	Green Side Aids	40 - 42
Channel Dimensions	Mooring Buoy	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

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 AT CERTAIN DATES, LOCATED AND CAN NOT BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT ANY OTHER TIMES. 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.SNG.USACE.ARMY.MIL/MISSEONS/NAVIGATIONHYDROGRAPHICSURVEYS/](http://www.sng.usace.army.mil/missons/navigationhydrographicsurveys/)
6. NOAA BATHYMETRY CONTOURS PRODUCED FROM HISTORIC BATHYMETRIC (HYDROGRAPHIC) SURVEYS CONDUCTED BY THE NOAA NATIONAL OCEAN SERVICE/COAST SURVEY AVAILABLE FROM THE NOAA GENERAL SURVEY 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 0.5 1 Miles

Hydrographic Survey Extent
0 150 300 600 Feet

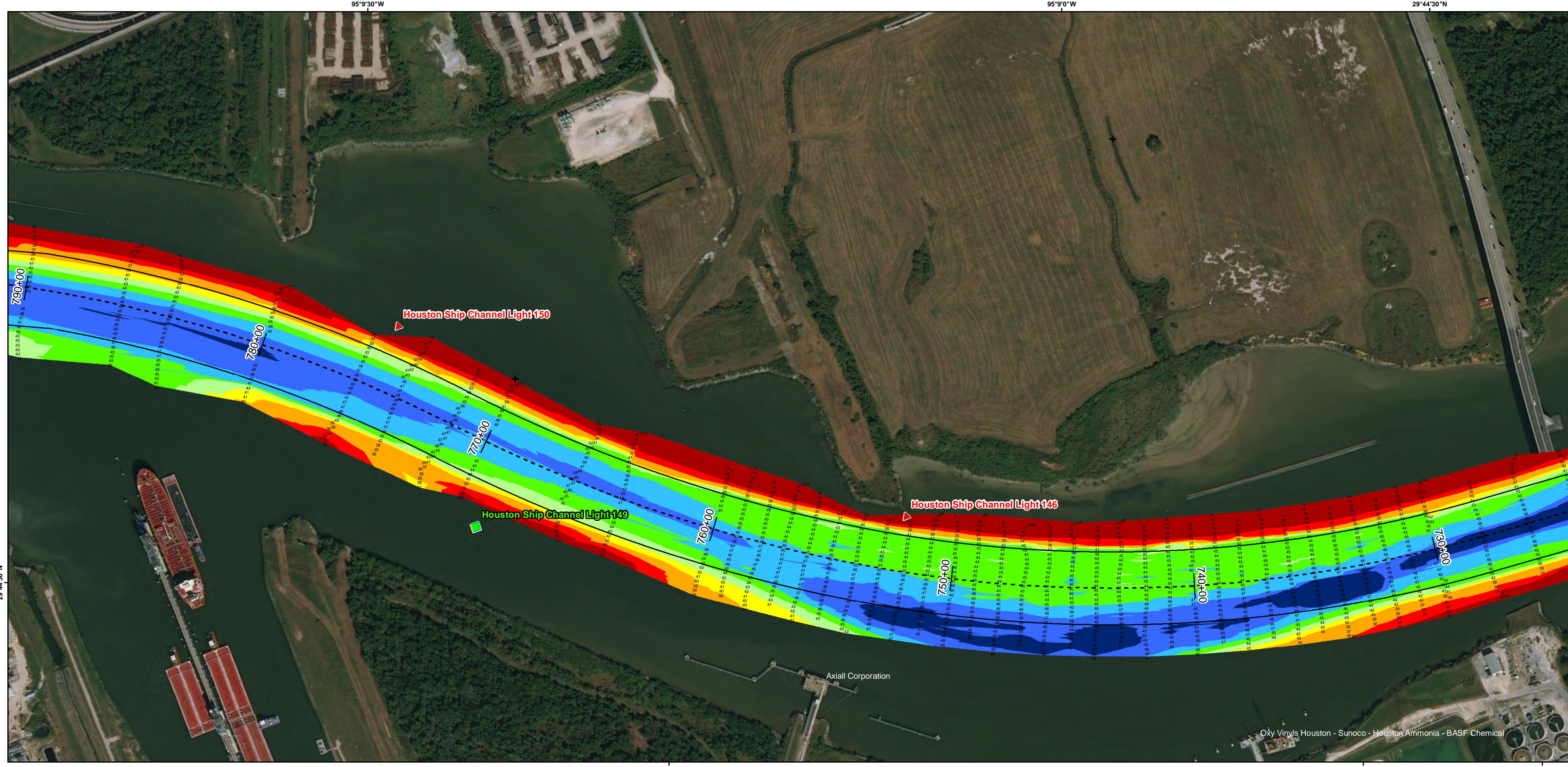
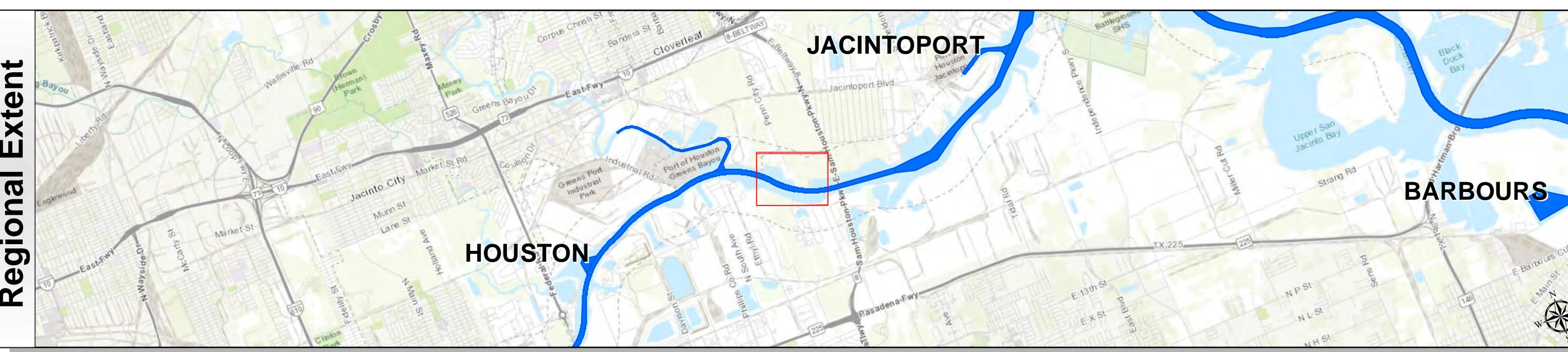


U.S. Army Corps of Engineers
Galveston District



Houston Ship Channel: Boggy Bayou to Greens Bayou

Regional Extent



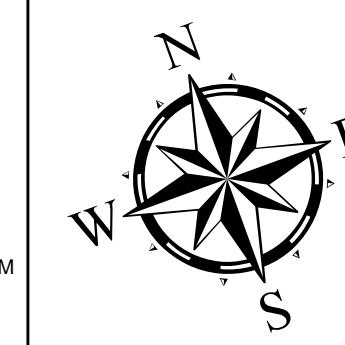
Survey Date(s): 01 May 2018	Authorized Depth: -41.5ft.
Page: 39 of 56	Map:
Scale: 1:2,400	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	Additional Imagery: © DigitalGlobe Inc.
	Print Date: 5/2/2018

HYDROGRAPHIC SURVEY	
U.S. ARMY ENGINEER DISTRICT	CORPS OF ENGINEERS
GALVESTON, TEXAS	Boggy Bayou to Greens Bayou
Station: 684+03.19 to 833+05.17	HOUSTON, TEXAS

Channel Features	Aids to Navigation	MLLW
Channel Toe	Lights	0 - 30
Channel Center Line	Red Side Aids	30 - 35
Channel Station Lines	Green Side Aids	40 - 42
Channel Dimensions	Mooring Buoy	42 - 44 44 - 46 46 - 48 48 - 50 50+

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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 0.5 1 Miles

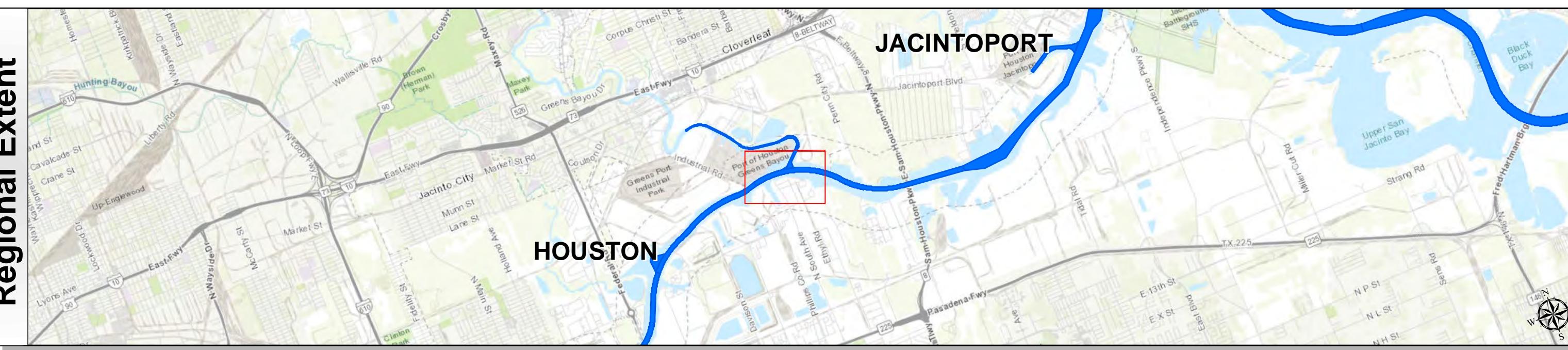
Hydrographic Survey Extent
0 150 300 600 Feet



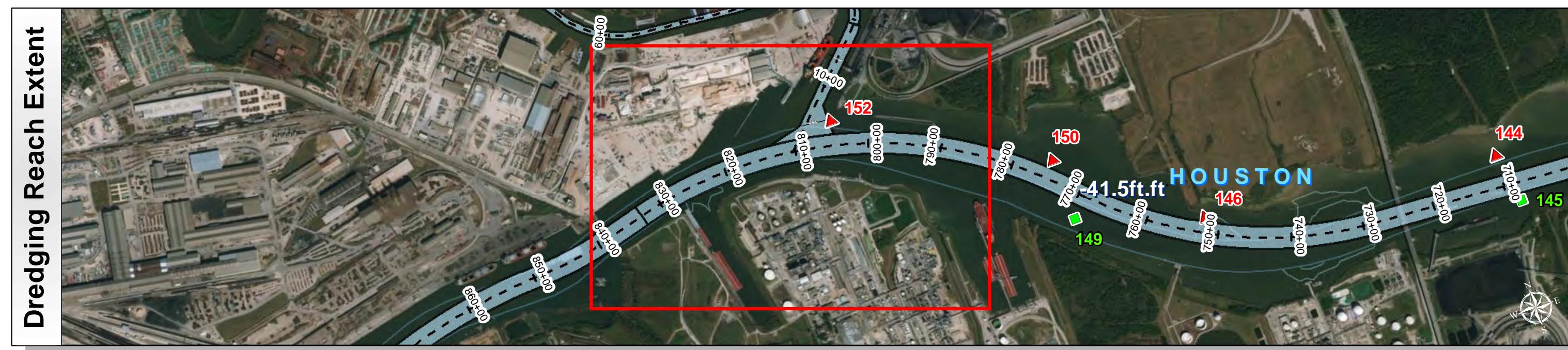
U.S. Army Corps of Engineers
Galveston District

Houston Ship Channel: Boggy Bayou to Greens Bayou

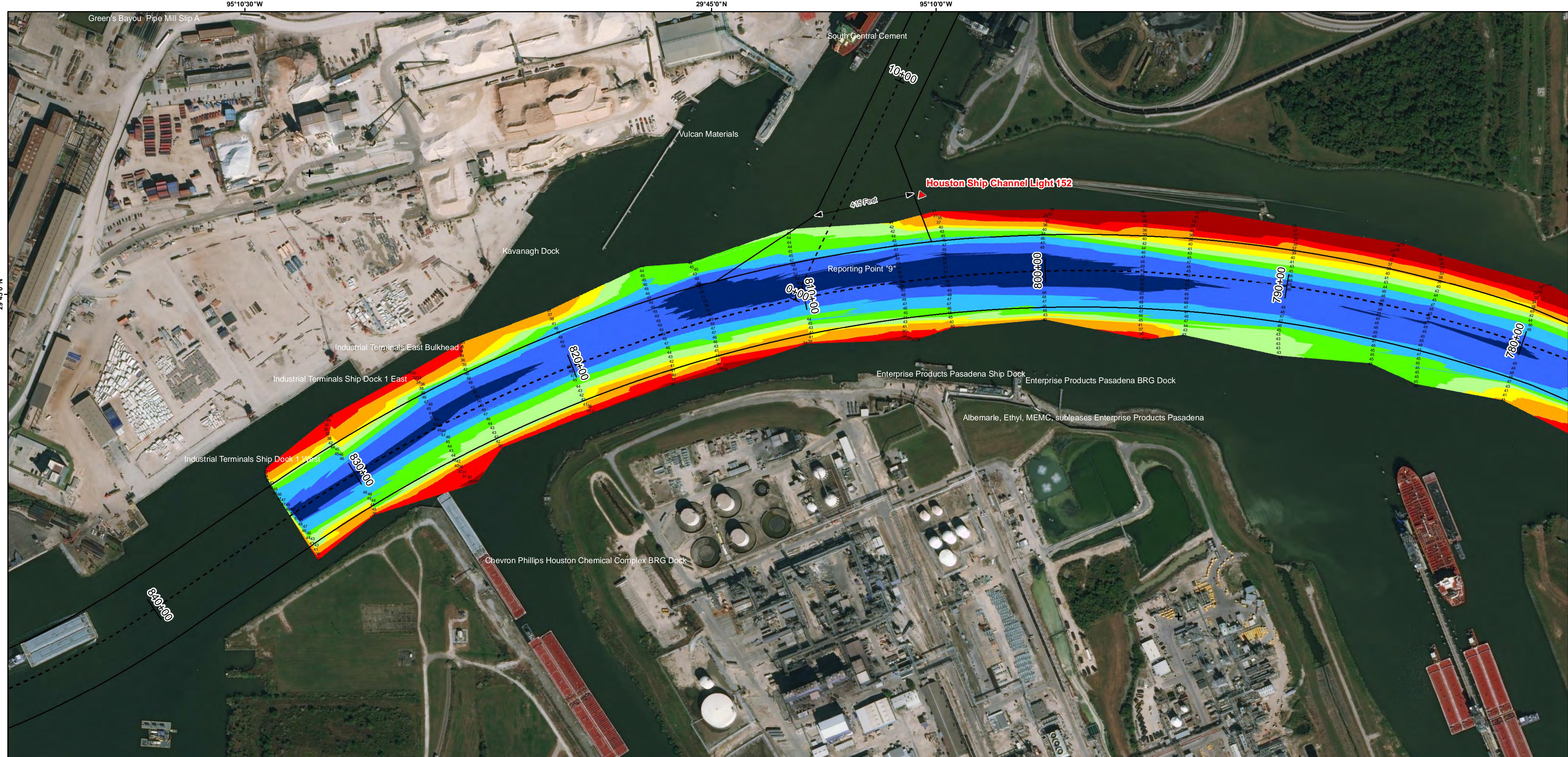
Regional Extent



Dredging Reach Extent



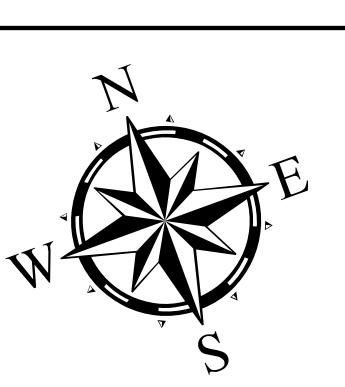
Survey Date(s): 01 May 2018	Authorized Depth: -41.5ft.
Page: 40 of 56	Map:
Scale: 1:2,400	Additional Imagery: © DigitalGlobe Inc.
Mapped by: M3AOXPAC	Print Date: 5/2/2018
Additional Info:	



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NOAA Bathymetry (DREDGING REACH EXTENT)		
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Hydrographic Survey Extent
0 150 300 600 Feet

HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS
Boggy Bayou to Greens Bayou
Station: 684+03.19 to 833+05.17
HOUSTON, TEXAS