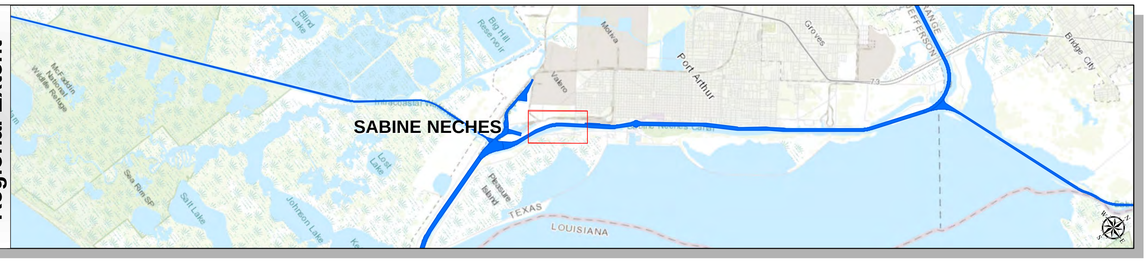
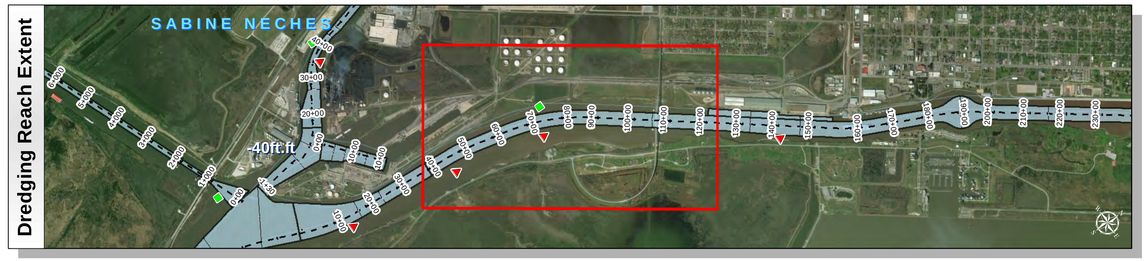
Sabine Neches Waterway: Junction with Port Arthur Canal to Neches River

U.S. Army Corps of Engineers
Galveston District

Regional Extent



Dredging Reach Extent



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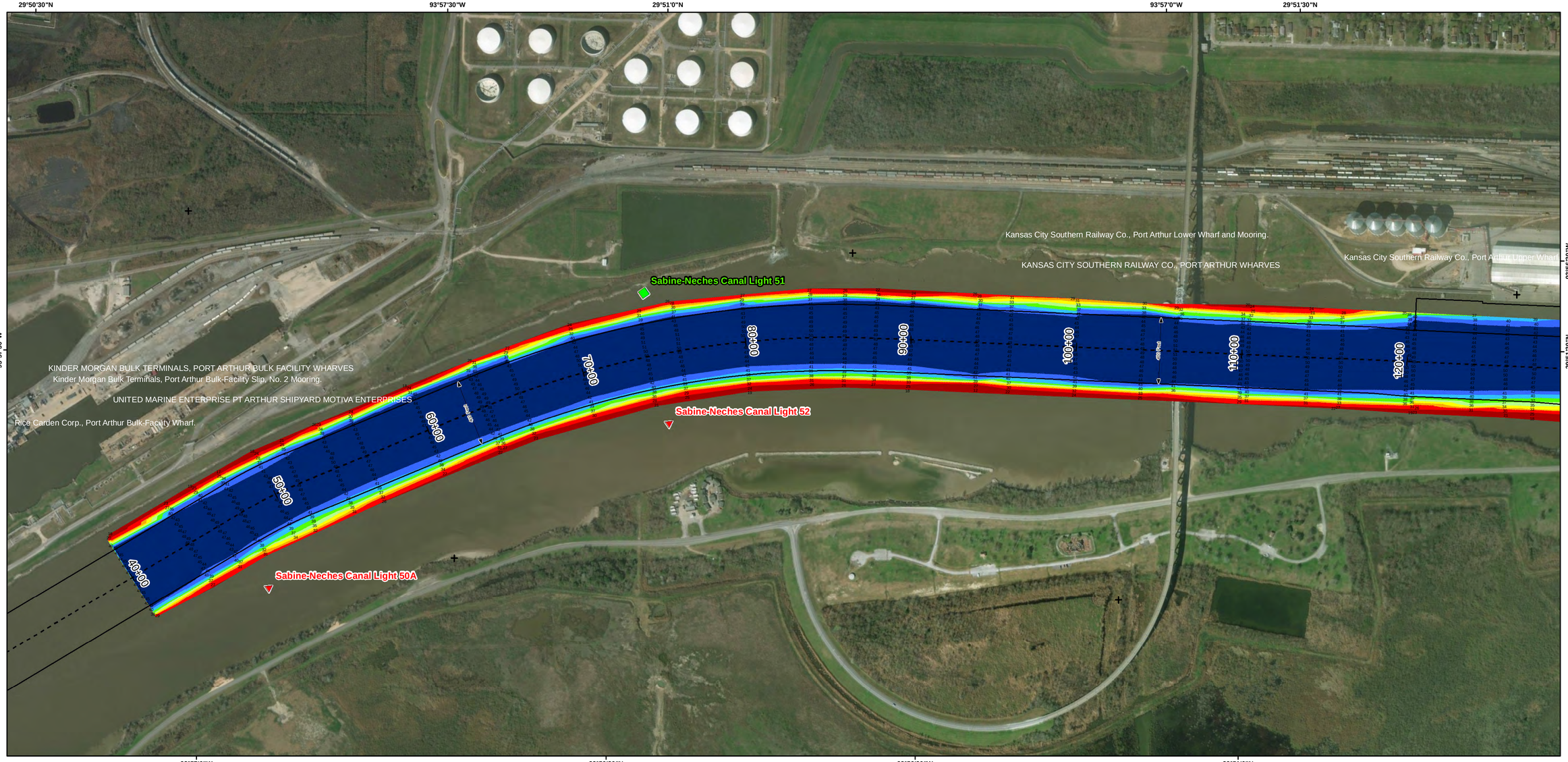

93°57'0"W 29°50'30"N 93°56'30"W 29°51'0"N

Authorized Depth:	-40ft.
Side Slope Ratio:	(Rise : Run)
Additional Imagery:	© DigitalGlobe Inc.
Print Date:	3/19/2018
Survey Date(s):	07 March 2018
Page:	24 of 72 Map:
Scale:	1:3,500
Mapped by:	M3AOXPAC
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 - 25	25 - 30	30 - 32	32 - 34	34 - 36	36 - 38	38 - 40	40 - 42	42 >

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
Projection: Lambert Conformal Conic /Datum: North American 1983

Dredging Reach Extent
0 0.75 1.5 Miles

Hydrographic Survey Extent
0 220 440 880 Feet

HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS
Junction with Port Arthur Canal to Neches River

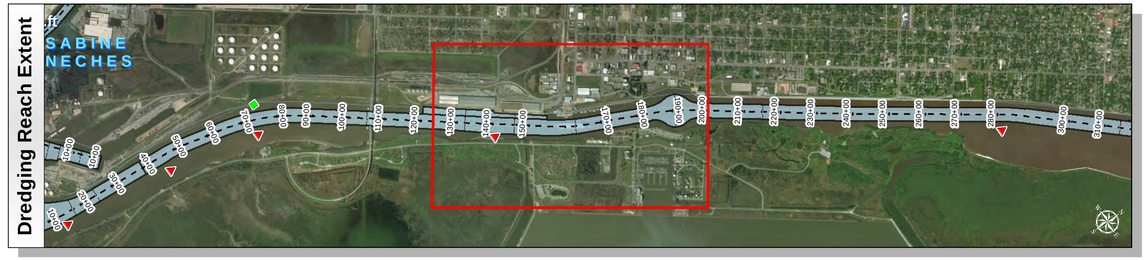
Station: 40+00 to 593+68.50
SABINE NECHES
PORT ARTHUR, TEXAS

Sabine Neches Waterway: Junction with Port Arthur Canal to Neches River

U.S. Army Corps of Engineers
Galveston District

Regional Extent

Dredging Reach Extent



93°56'30"W 29°52'0"N 93°56'0"W

29°51'30"N

Kansas City Southern Railway Co., Port Arthur Upper Wharf

Port of Port Arthur, Public Ocean Terminal Lower Wharf, Berths 3, 4, and 5.

Port of Port Arthur, Public Ocean Terminal Upper Wharf, Berths 1 and 2.

CITY OF PORT ARTHUR, RECREATIONAL BOAT DOCK

CITY OF PORT ARTHUR, COMMERCIAL DOCK WHARF

JBS PACKING CO., LOCATION 1 WHARF

120+00 130+00 140+00 150+00 160+00 170+00 180+00 190+00 200+00

Sabine Neches Canal Light 52A

U.S. ARMY CORPS OF ENGINEERS SLIP

93°55'30"W 29°52'0"N

93°56'30"W

93°56'0"W 29°51'30"N 93°55'30"W 29°52'0"N

Survey Date(s):	07 March 2018
Page:	25 of 72
Scale:	1:3,500
Mapped by:	M3AOXPAC
Additional Info :	
Authorized Depth:	-40ft.
Side Slope Ratio:	(Rise : Run)
Additional Imagery:	© DigitalGlobe Inc.
Print Date:	3/19/2018

Channel Features
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- Channel Center Line
- Channel Station Lines
- Channel Dimensions

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

MLLW

0 - 25	25 - 30	30 - 32	32 - 34	34 - 36	36 - 38	38 - 40	40- 42	42 >

NOAA Bathymetry (DREDGING REACH EXTENT)

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

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W N S E

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Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
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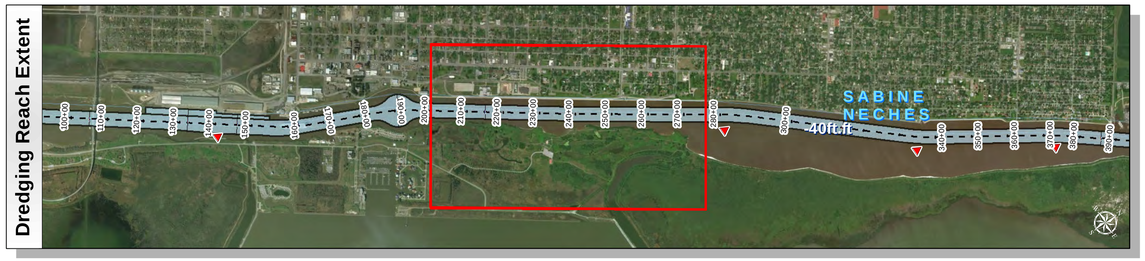
Dredging Reach Extent
0 0.75 1.5 Miles

Hydrographic Survey Extent
0 220 440 880 Feet

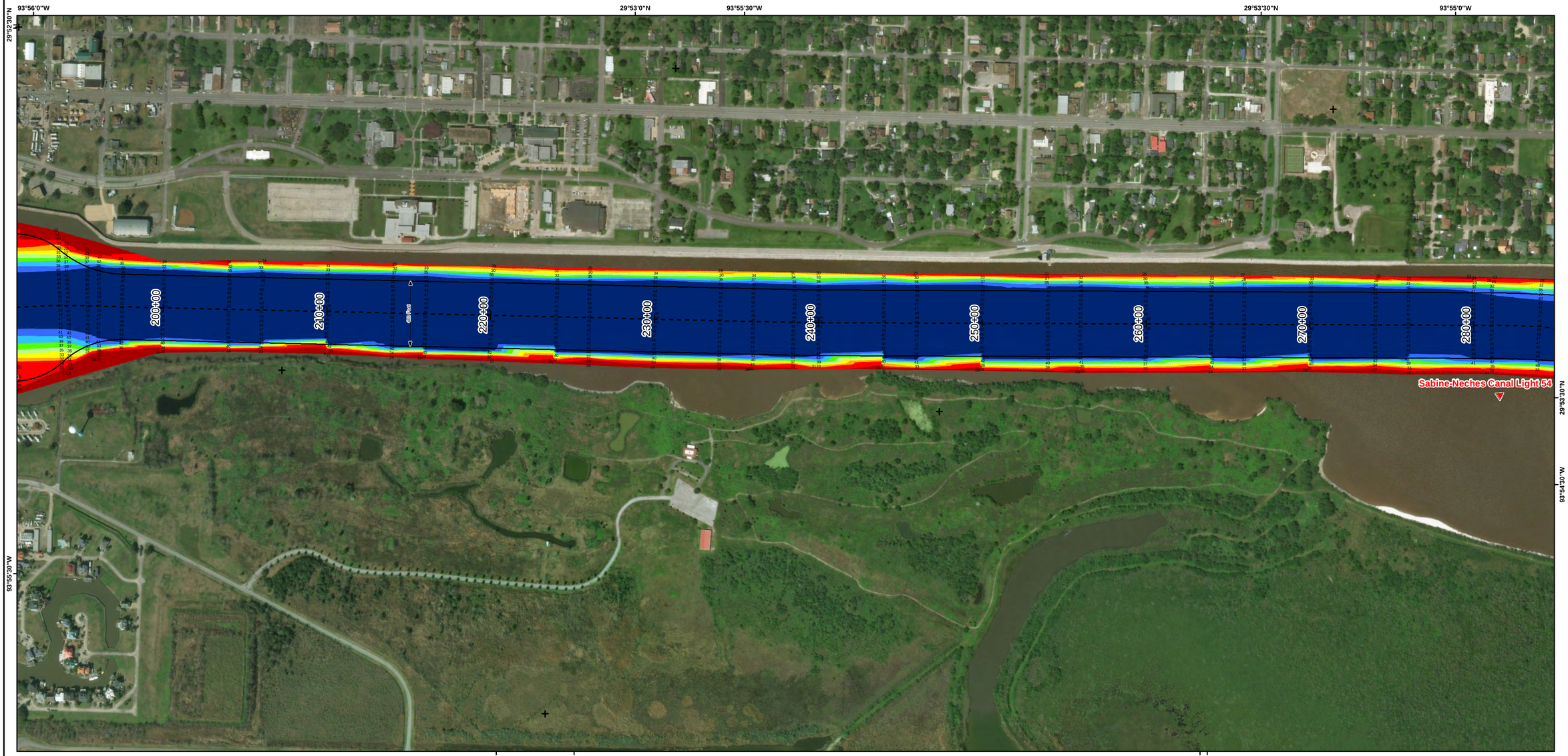
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS
Junction with Port Arthur Canal to Neches River

Station: 40+00 to 593+68.50
SABINE NECHES
PORT ARTHUR, TEXAS

Sabine Neches Waterway: Junction with Port Arthur Canal to Neches River



U.S. Army Corps of Engineers
Galveston District



Authorized Depth: -40ft.	
Survey Date(s): 07 March 2018	Side Slope Ratio: (Rise : Run)
Page: 26 of 72	Additional Imagery: © DigitalGlobe Inc.
Scale: 1:3,500	Print Date: 3/19/2018
Mapped by: M3AOXPAC	
Additional Info:	

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

Aids to Navigation
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- Green Side Aids
- Mooring Buoy

MLLW

0 - 25	25 - 30	30 - 32	32 - 34	34 - 36	36 - 38	38 - 40	40- 42	42 >

NOAA Bathymetry (DREDGING REACH EXTENT)

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

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Dredging Reach Extent
0 0.75 1.5 Miles

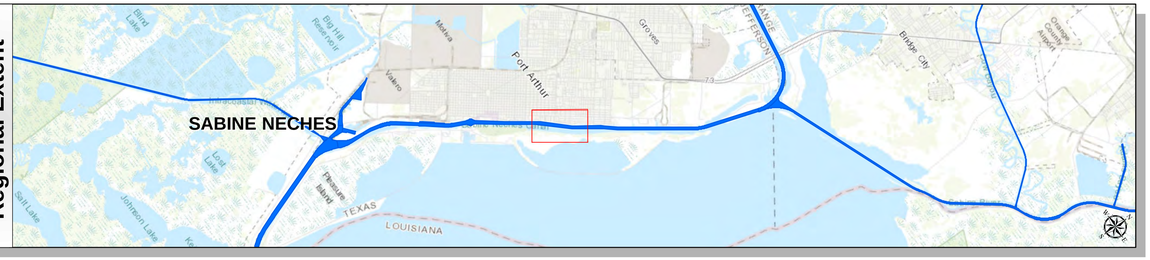
Hydrographic Survey Extent
0 220 440 880 Feet

HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS
Junction with Port Arthur Canal to Neches River
Station: 40+00 to 593+68.50
SABINE NECHES
PORT ARTHUR, TEXAS

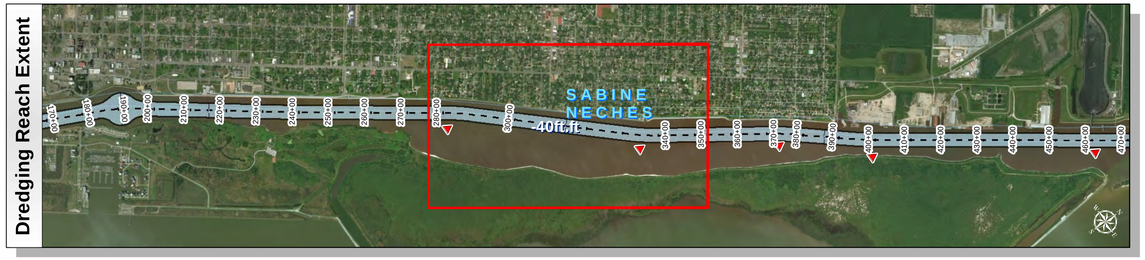
Sabine Neches Waterway: Junction with Port Arthur Canal to Neches River

U.S. Army Corps of Engineers
Galveston District

Regional Extent



Dredging Reach Extent



Survey Date(s):	07 March 2018
Page:	27 of 72 Map:
Scale:	1:3,500
Mapped by:	M3AOXPAC
Additional Info:	

Authorized Depth:	-40ft.
Side Slope Ratio:	(Rise : Run)
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Channel Features
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0 - 25	25 - 30	30 - 32	32 - 34	34 - 36	36 - 38	38 - 40	40- 42	42 >

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0 0.75 1.5 Miles

Hydrographic Survey Extent
0 220 440 880 Feet

HYDROGRAPHIC SURVEY

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

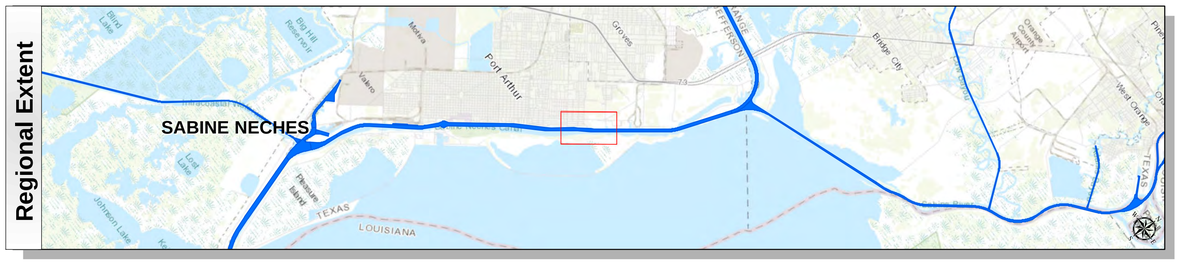
Junction with Port Arthur Canal to Neches River

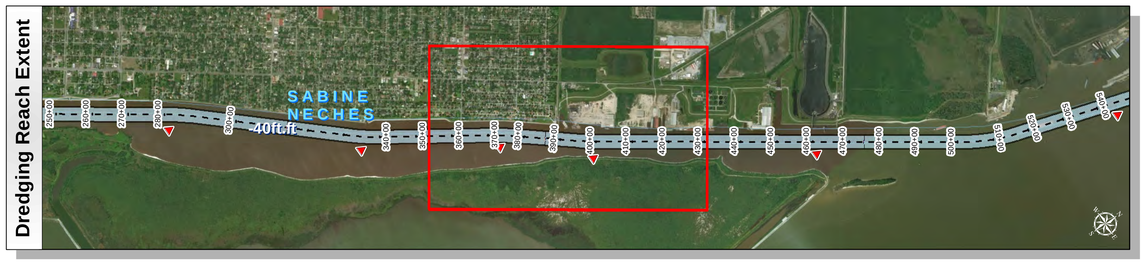
Station: 40+00 to 593+68.50

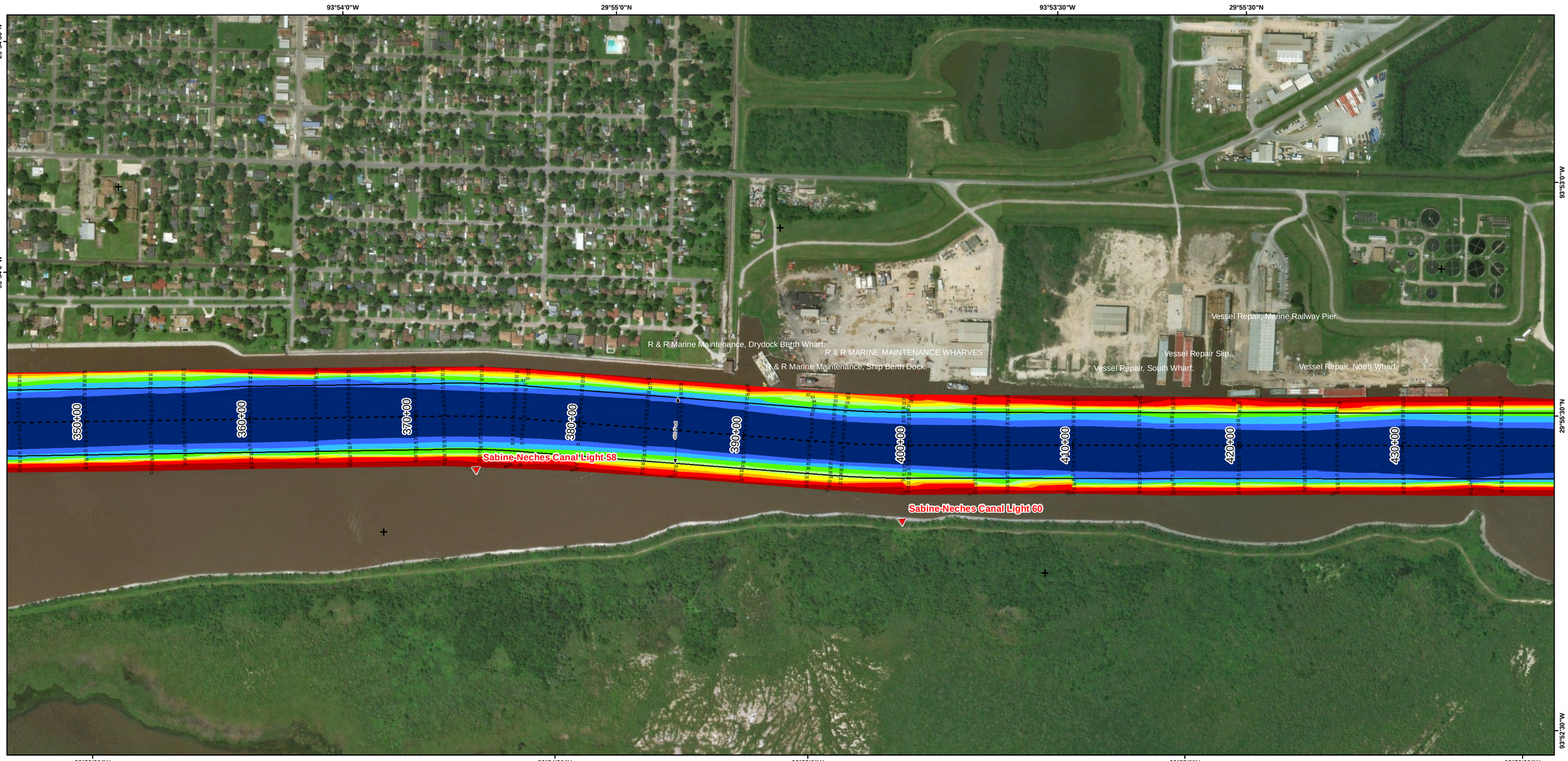
SABINE NECHES
PORT ARTHUR, TEXAS

Sabine Neches Waterway: Junction with Port Arthur Canal to Neches River

U.S. Army Corps of Engineers
Galveston District







Channel Features
- Channel Toe
- Channel Center Line
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Aids to Navigation
- Lights
- Red Side Aids
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MLLW

0 - 25	25 - 30	30 - 32	32 - 34	34 - 36	36 - 38	38 - 40	40- 42	42 >

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

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Dredging Reach Extent
0 0.75 1.5 Miles

Hydrographic Survey Extent
0 220 440 880 Feet

Survey Date(s):	07 March 2018
Page:	28 of 72 Map:
Scale:	1:3,500
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Additional Info :	
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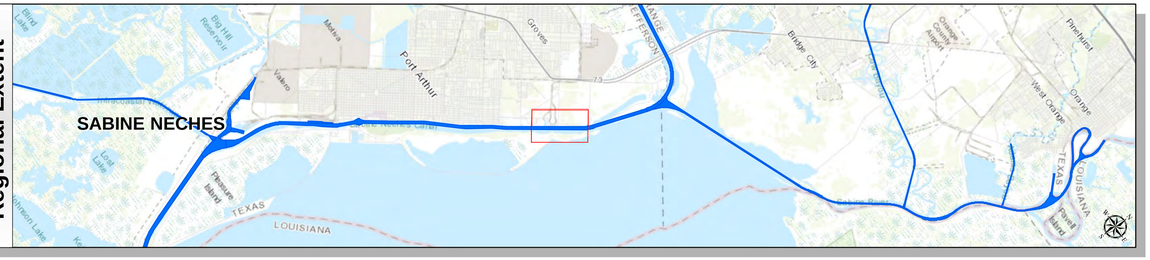

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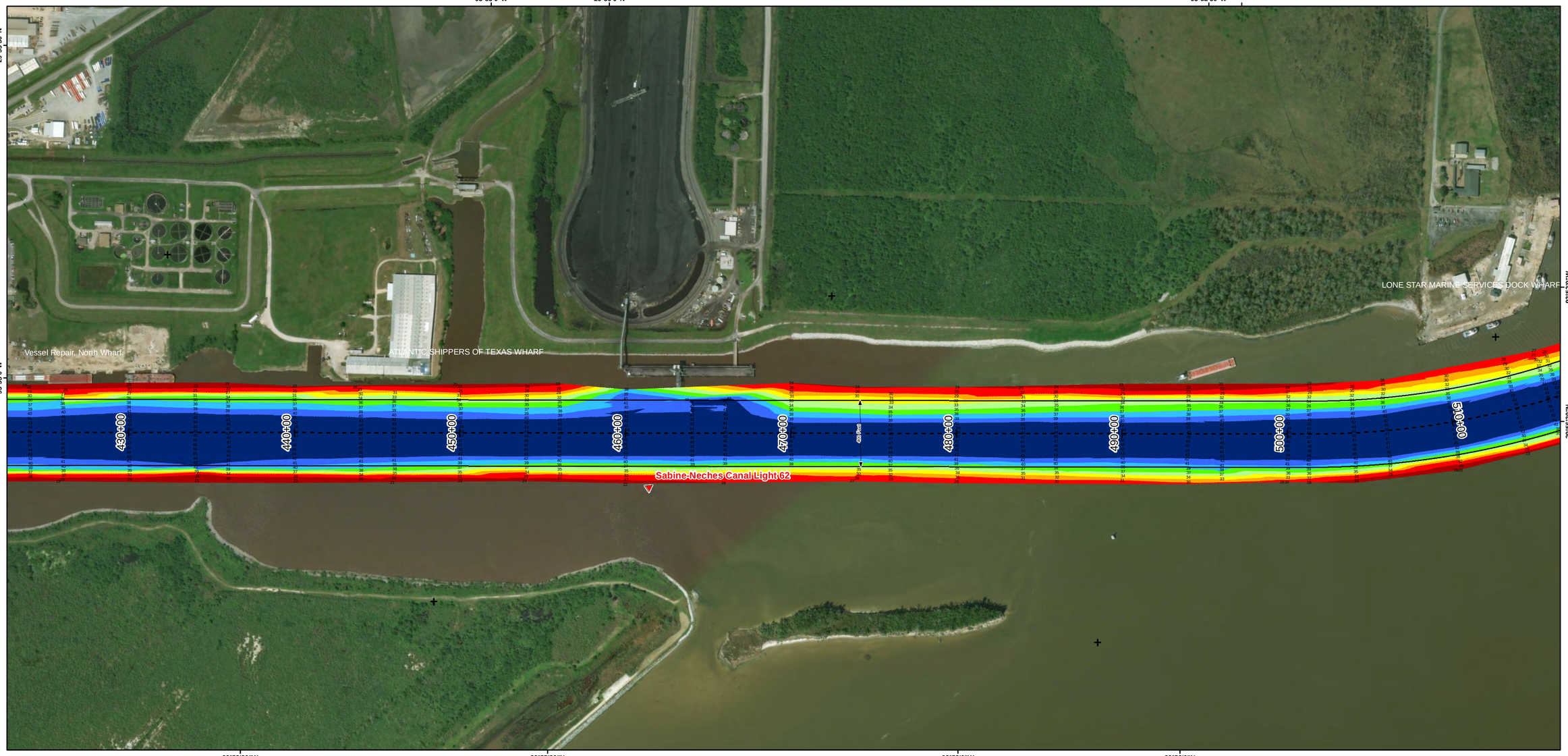

Survey Date(s):	07 March 2018
Page:	29 of 72 Map:
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Dredging Reach Extent
0 0.75 1.5 Miles

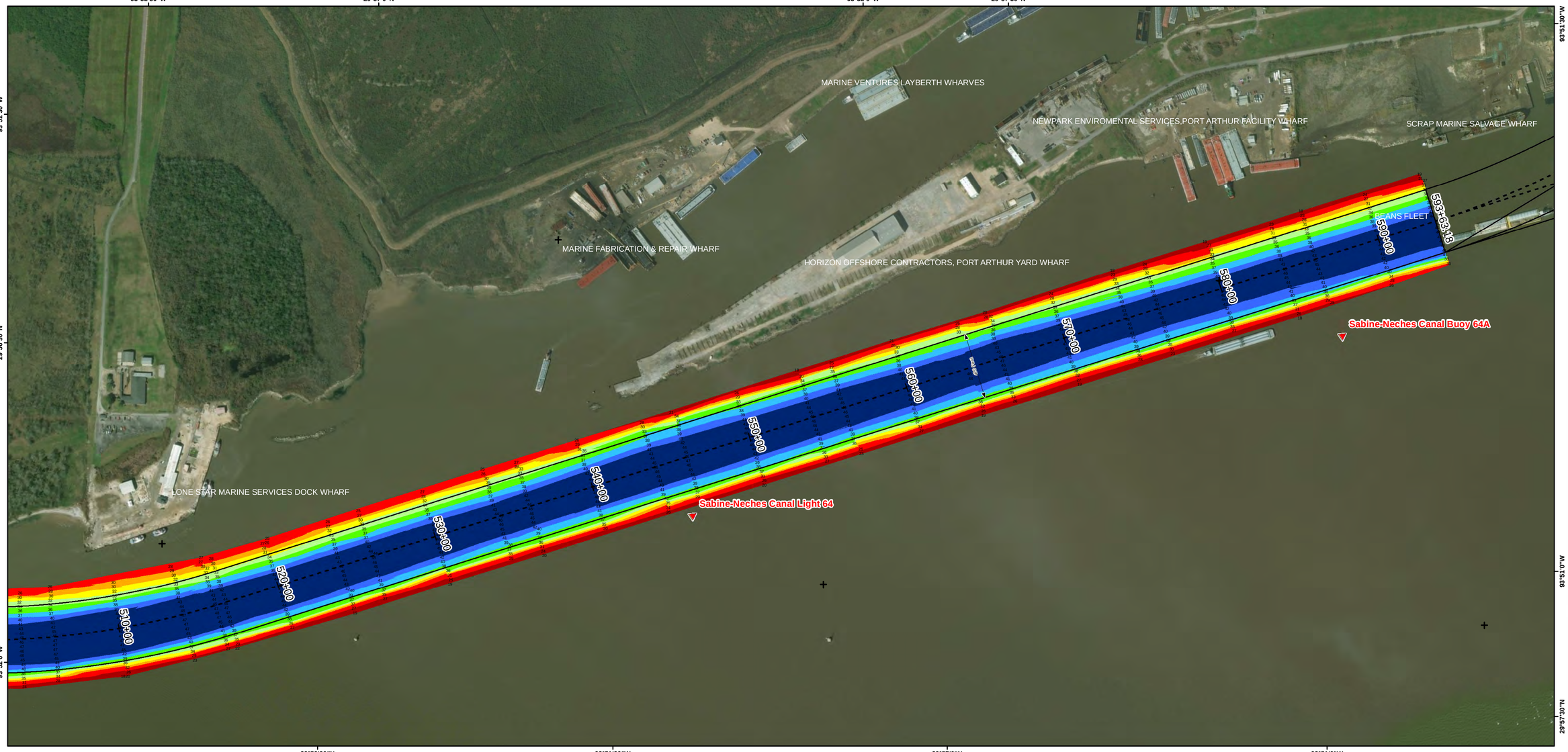
Hydrographic Survey Extent
0 220 440 880 Feet

HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS
Junction with Port Arthur Canal to Neches River
Station: 40+00 to 593+68.50
SABINE NECHES
PORT ARTHUR, TEXAS

Sabine Neches Waterway: Junction with Port Arthur Canal to Neches River

U.S. Army Corps of Engineers
Galveston District

93°52'30"W 29°57'0"N 93°52'0"W 29°57'30"N 93°51'30"W



29°56'30"N 93°52'30"W 29°57'30"N 93°51'0"W

29°56'30"N 93°52'30"W 29°57'0"N 93°51'30"W

Survey Date(s):	07 March 2018
Page:	30 of 72 Map:
Scale:	1:3,500
Mapped by:	M3AOXPAC
Additional Info:	
Authorized Depth:	-40ft.
Side Slope Ratio:	(Rise : Run)
Additional Imagery:	© DigitalGlobe Inc.
Print Date:	3/19/2018

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 - 25	25 - 30	30 - 32	32 - 34	34 - 36	36 - 38	38 - 40	40 - 42	42 >

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/HYDROGRAPHICSURVEYS/
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.

W N S E

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Esri, DeLorme, 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

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