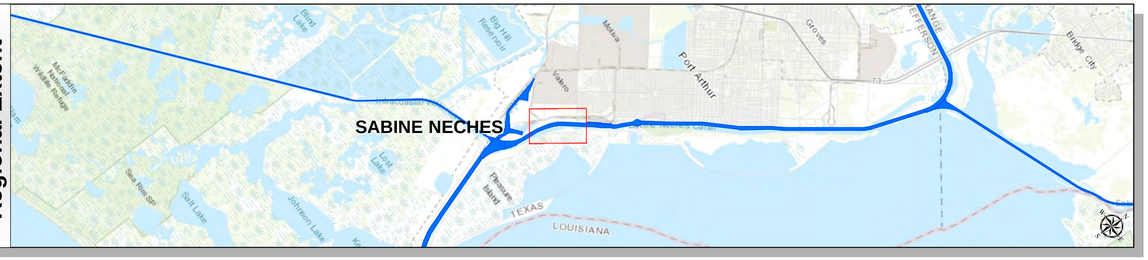
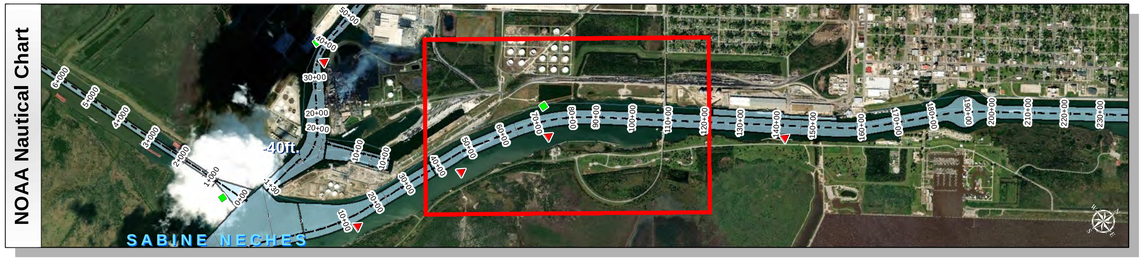
Sabine Neches Waterway: Junction with Port Arthur Canal to Neches River

U.S. Army Corps of Engineers
Galveston District

Regional Extent



NOAA Nautical Chart



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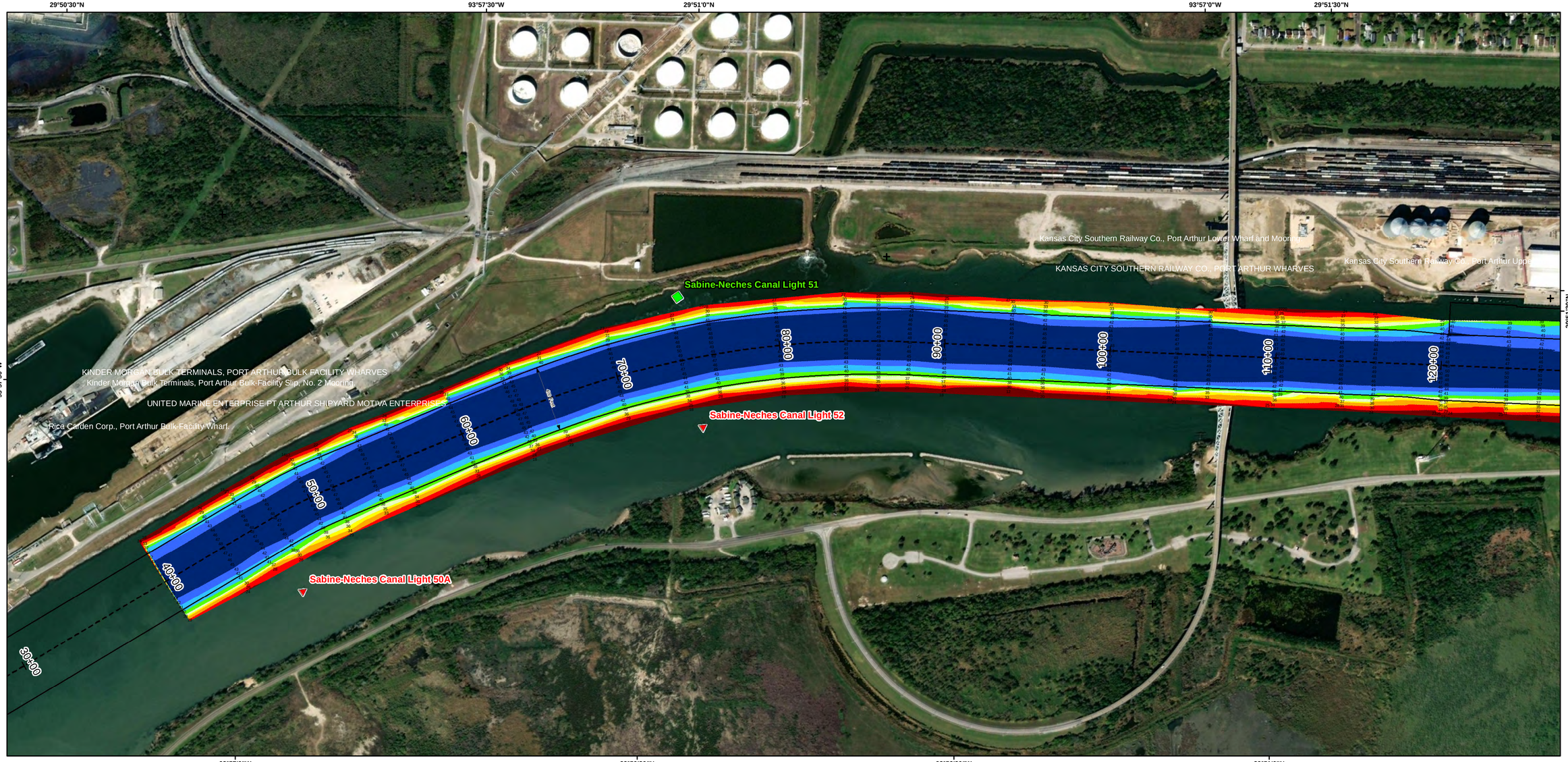

Survey Date(s): 17 July 2018
Page: 24 of 74 Map:
Scale: 1:3,500
Mapped by: M3AOXPAC
Additional Info:

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 - 34	34 - 36	36 - 38	38 - 40	40 - 42	42 - 44	44 >

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.
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Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic /Datum: North American 1983

NOAA Nautical Chart Extent
0 0.375 0.75 1.5 Miles

Hydrographic Survey Extent
0 295 590 1,180 Feet

HYDROGRAPHIC SURVEY

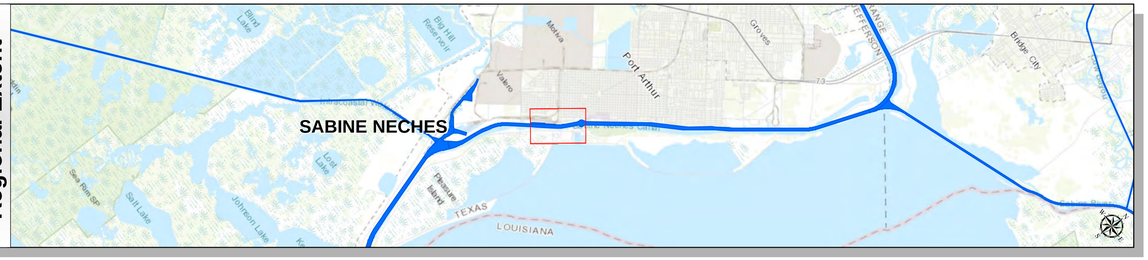
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

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



NOAA Nautical Chart

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

Port of Port Arthur, Public Ocean Terminal Lower Wharf, Berths 3, 4, and 5
Kansas City Southern Railway Co., Port
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
TEST 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°52'30"N
93°56'0"W
29°51'30"N
93°55'30"W
29°52'0"N

Channel Features
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- Channel Dimensions

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MLLW

0 - 25	25 - 30	30 - 34	34 - 36	36 - 38	38 - 40	40 - 42	42 - 44	44 >

NOAA Bathymetry (DREDGING REACH EXTENT)

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NOAA Nautical Chart Extent
0 0.375 0.75 1.5 Miles

Hydrographic Survey Extent
0 295 590 1,180 Feet

Authorized Depth: -40ft.
Side Slope Ratio: (Rise : Run)
Additional Imagery: © DigitalGlobe Inc.
Print Date: 7/25/2018

Survey Date(s): 17 July 2018
Page: 31 of 74 Map:
Scale: 1:3,500
Mapped by: M3AOXPAC
Additional Info:

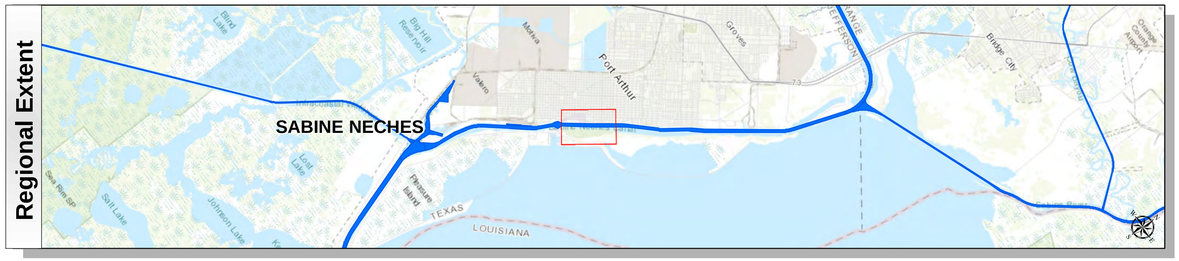
HYDROGRAPHIC SURVEY

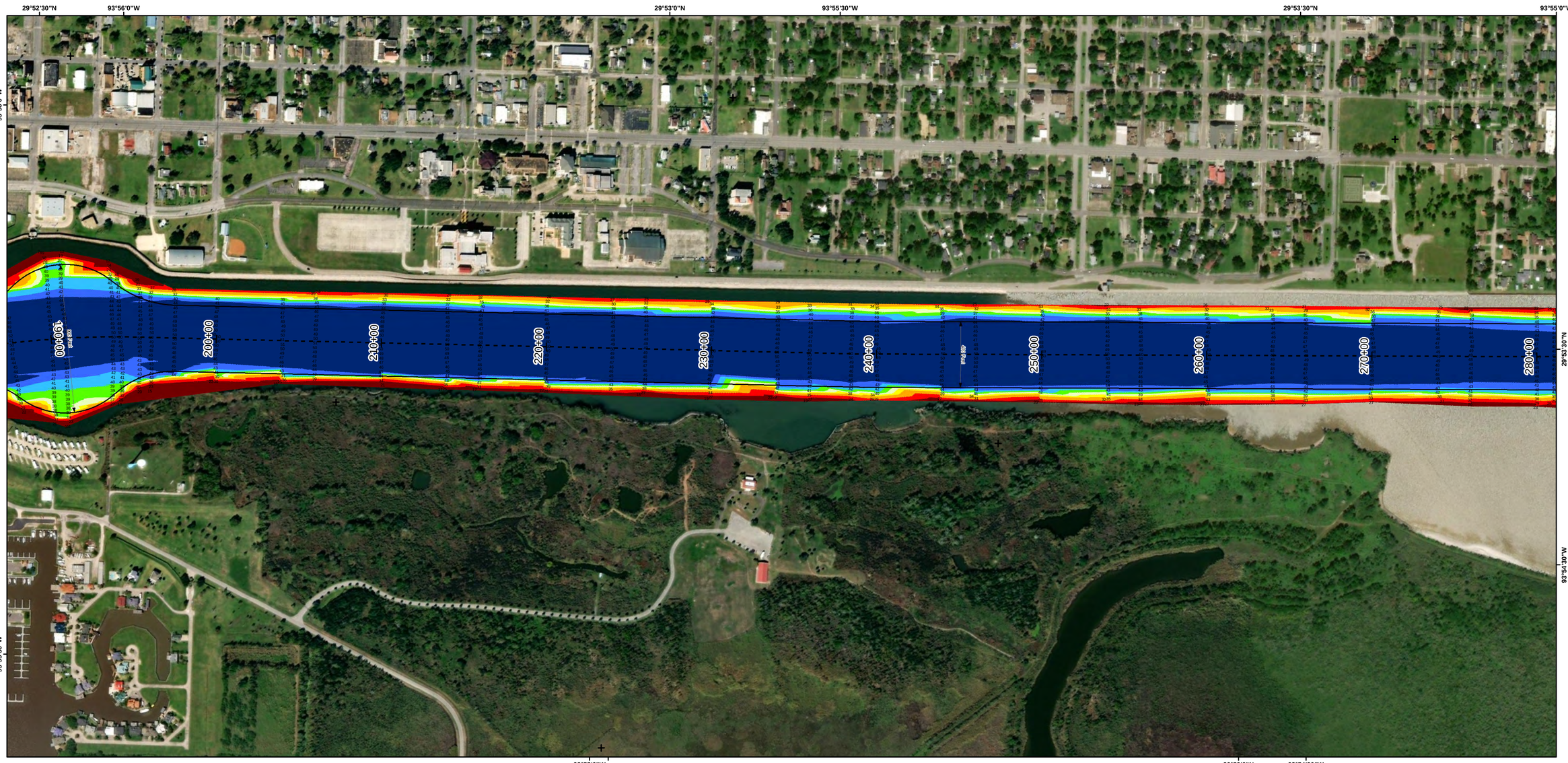
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

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
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- Channel Center Line
- Channel Station Lines
- Channel Dimensions

Aids to Navigation
- Lights
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- Mooring Buoy

MLLW

0 - 25	25 - 30	30 - 34	34 - 36	36 - 38	38 - 40	40 - 42	42 - 44	44 >

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NOAA Nautical Chart Extent
0 0.375 0.75 1.5 Miles

Hydrographic Survey Extent
0 295 590 1,180 Feet

Authorized Depth: -40ft.
Side Slope Ratio: (Rise : Run)
Additional Imagery: © DigitalGlobe Inc.
Print Date: 7/25/2018

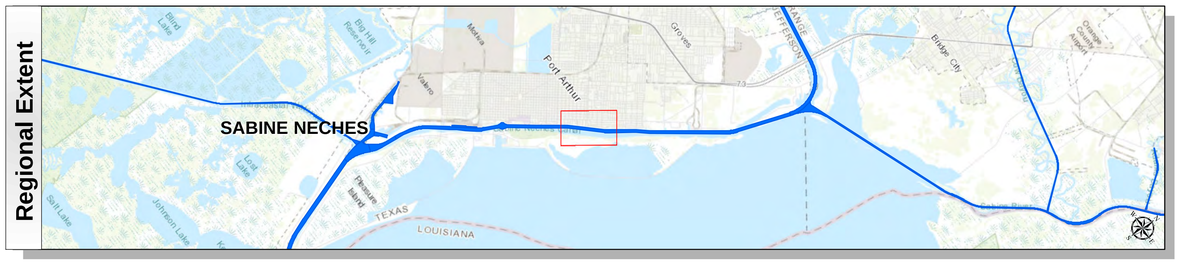
Survey Date(s): 17 July 2018
Page: 30 of 74 Map:
Scale: 1:3,500
Mapped by: M3AOXPAC
Additional Info:

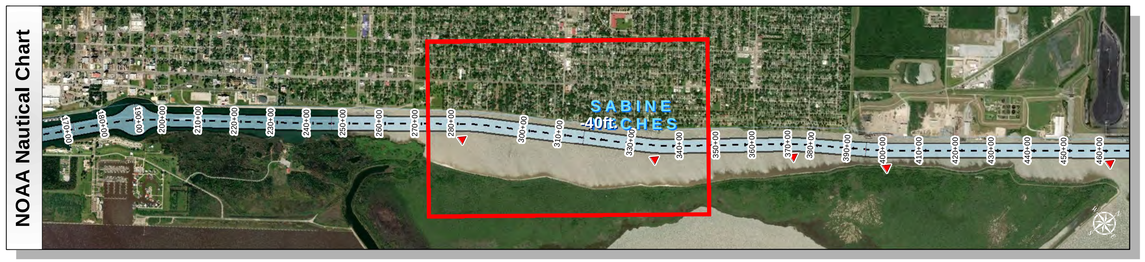
HYDROGRAPHIC SURVEY

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

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

29°53'30"N 93°55'0"W 29°54'0"N 93°54'30"W 29°54'30"N

93°55'0"W 93°54'0"W 93°53'30"W 29°54'0"N

93°54'30"W 29°53'30"N 93°54'0"W 29°54'0"N 93°53'30"W

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 - 34	34 - 36	36 - 38	38 - 40	40 - 42	42 - 44	44 >

NOAA Bathymetry (DREDGING REACH EXTENT)

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

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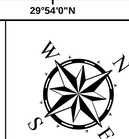

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Projection: Lambert Conformal Conic /Datum: North American 1983

NOAA Nautical Chart Extent
0 0.375 0.75 1.5 Miles

Hydrographic Survey Extent
0 295 590 1,180 Feet

Survey Date(s): 17 July 2018
Page: 29 of 74 Map:
Scale: 1:3,500
Mapped by: M3AOXPAC
Additional Info :

Authorized Depth: -40ft.
Side Slope Ratio: (Rise : Run)
Additional Imagery: © DigitalGlobe Inc.
Print Date: 7/25/2018

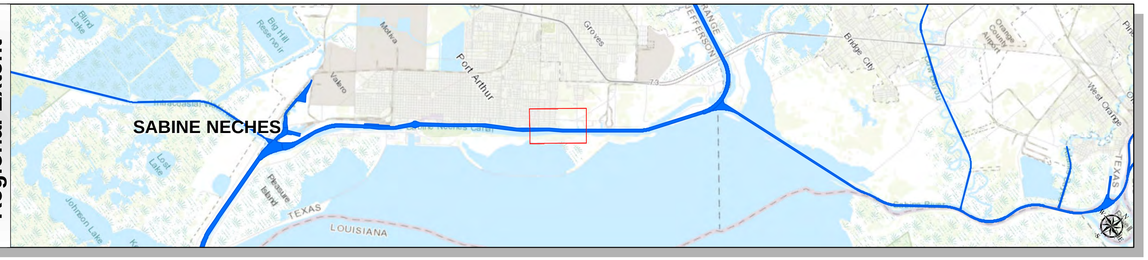
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

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



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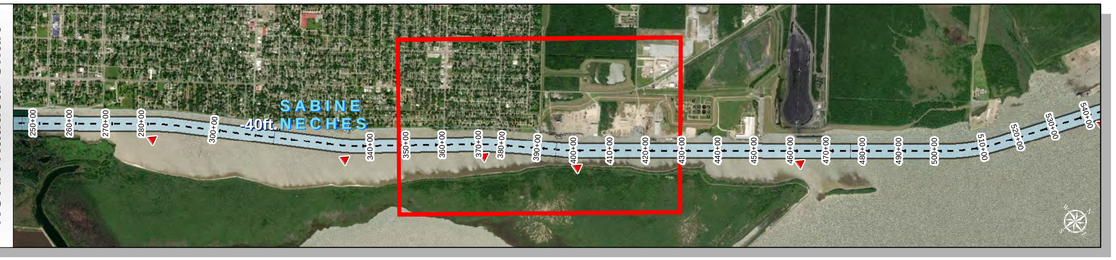
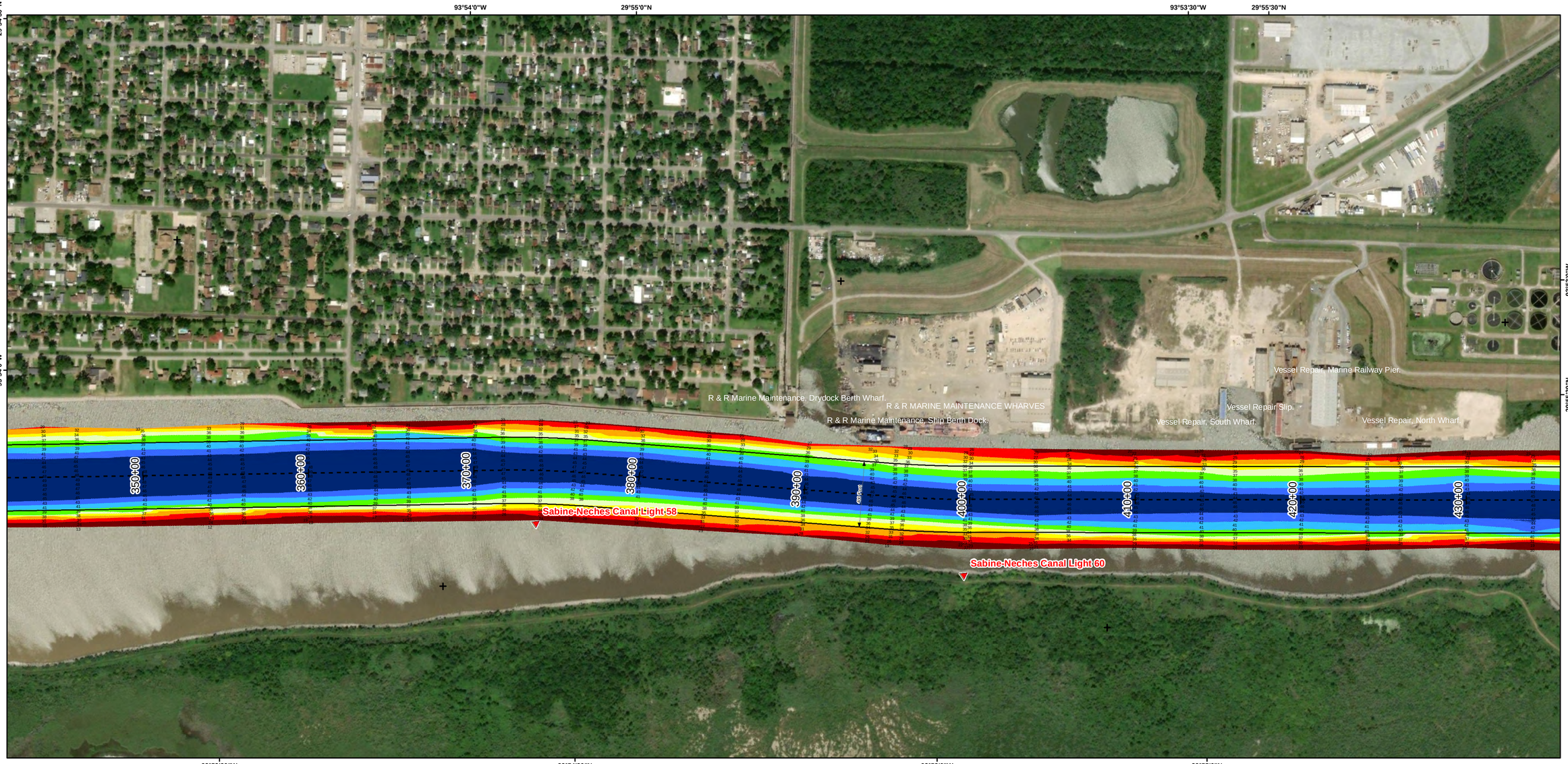


93°54'0"W 29°55'0"N 93°53'30"W 29°55'30"N



93°53'30"W 29°54'30"N 93°53'0"W 29°55'0"N

Survey Date(s):	17 July 2018
Page:	28 of 74 Map:
Scale:	1:3,500
Mapped by:	M3AOXPAC
Additional Info:	
Authorized Depth:	-40ft.
Side Slope Ratio:	(Rise : Run)
Additional Imagery:	© DigitalGlobe Inc.
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Channel Features
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0 - 25	25 - 30	30 - 34	34 - 36	36 - 38	38 - 40	40 - 42	42 - 44	44 >

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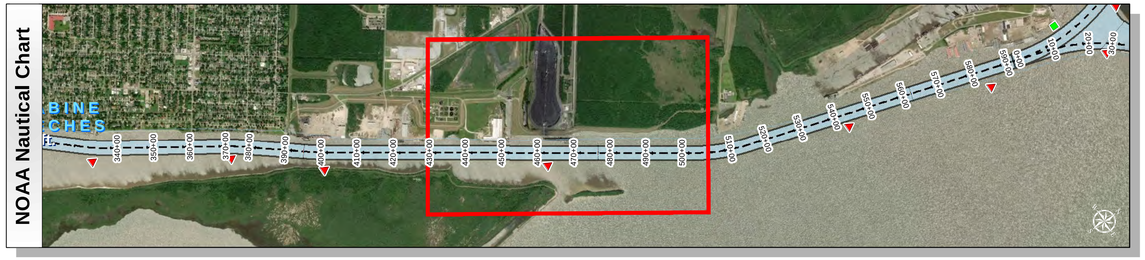

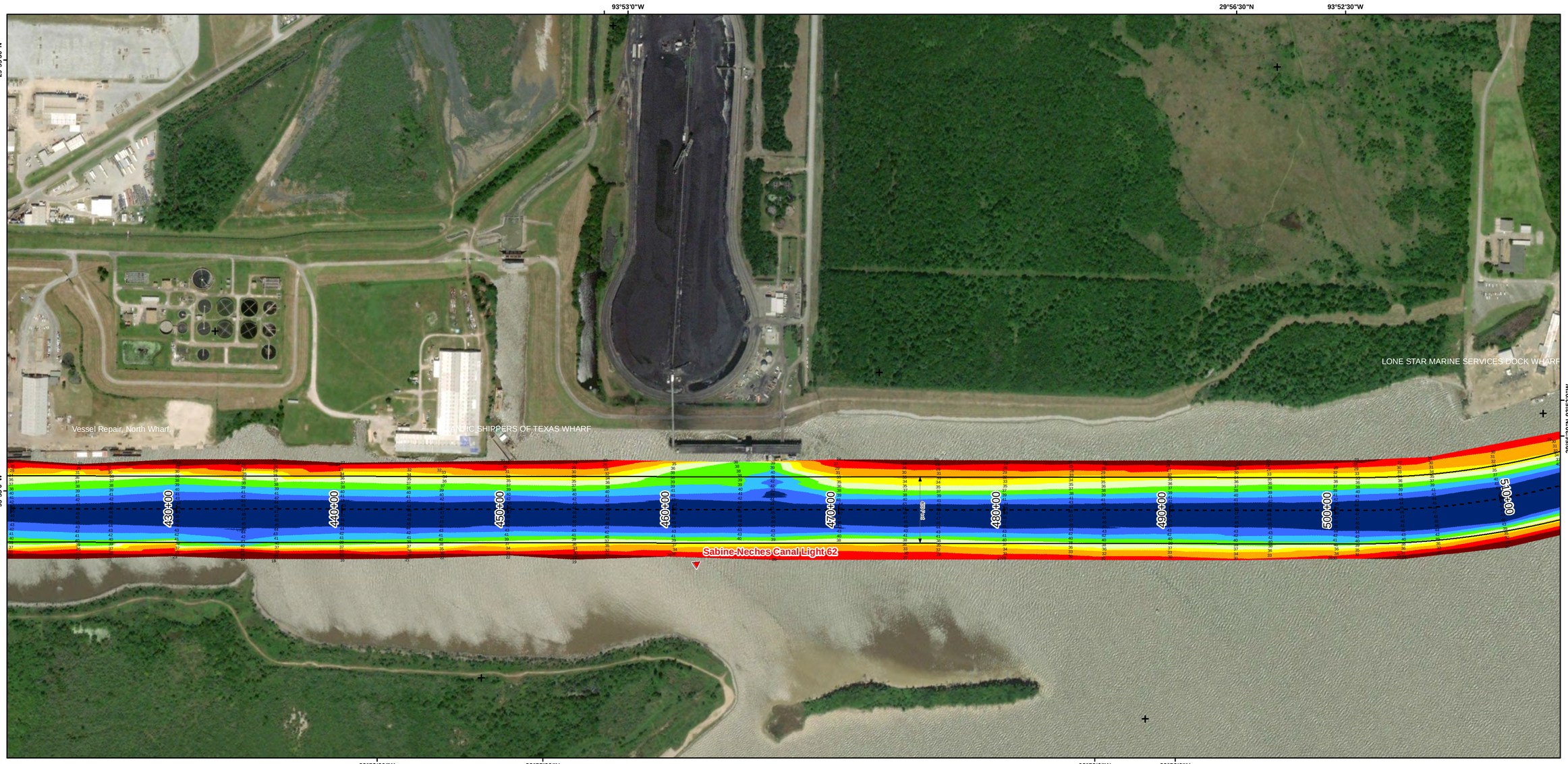

Survey Date(s):	17 July 2018
Page:	27 of 74 Map:
Scale:	1:3,500
Mapped by:	M3AOXPAC
Additional Info :	
Authorized Depth:	-40ft.
Side Slope Ratio:	(Rise : Run)
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6. NOAA BATHYMETRY CONTOURS PRODUCED FROM HISTORIC BATHYMETRIC (HYDROGRAPHIC) SURVEYS CONDUCTED 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. NOAA NAUTICAL CHARTS PROVIDED VIA RNC MAP SERVICE

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic /Datum: North American 1983

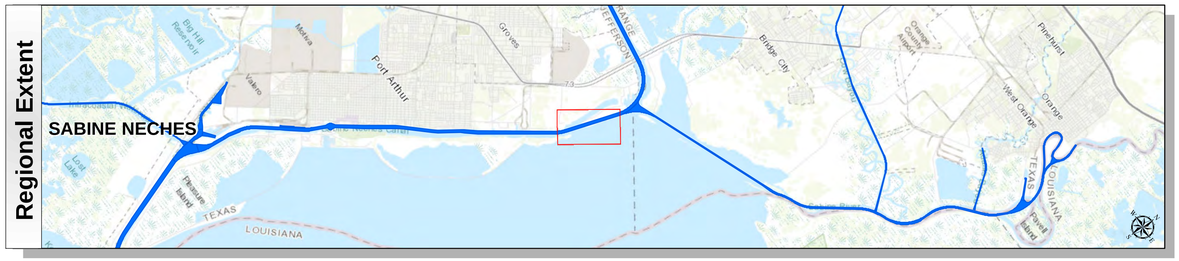
NOAA Nautical Chart Extent
0 0.375 0.75 1.5 Miles

Hydrographic Survey Extent
0 295 590 1,180 Feet

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

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

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

MARINE FABRICATION & REPAIR WHARF
HORIZON OFFSHORE CONTRACTORS, PORT ARTHUR YARD WHARF
LONE STAR MARINE SERVICES DOCK WHARF
REPAIRS FLEET
Sabine-Neches Canal Buoy 64A
Sabine-Neches Canal Light 64
510+00
520+00
530+00
540+00
550+00
560+00
570+00
580+00
590+00
593+63.18

Authorized Depth: -40ft.	
Survey Date(s): 17 July 2018	Side Slope Ratio: (Rise : Run)
Page: 26 of 74	Map: Additional Imagery: © DigitalGlobe Inc.
Scale: 1:3,500	Print Date: 7/25/2018
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 - 34	34 - 36	36 - 38	38 - 40	40 - 42	42 - 44	44 >

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.
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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
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