524,000 521,000 2,647,000 518,000

2,647,000

POSAL AREA "F"

DISPOSAL AREA "F"

DISPOSAL AREA "F"

STA 5+90.00 AZ 94°30'50.6
STA 5+88.00 AZ 94°30'50.7
STA 5+86.00 AZ 94°30'50.6
STA 5+84.00 AZ 94°30'50.5
STA 5+82.00 AZ 94°30'50.4
STA 5+80.00 AZ 94°27'58.3
STA 5+78.00 AZ 94°30'27.6
STA 5+76.00 AZ 94°30'50.1
STA 5+74.00 AZ 94°31'51.0
STA 5+72.00 AZ 94°30'50.0
STA 5+70.00 AZ 94°30'49.9
STA 5+68.00 AZ 94°30'49.6
STA 5+66.00 AZ 94°30'41.8
STA 5+64.00 AZ 94°30'49.6
STA 5+62.00 AZ 94°30'49.5
STA 5+60.00 AZ 94°30'49.4
STA 5+58.00 AZ 94°30'49.2
STA 5+56.00 AZ 94°32'12.8
STA 5+54.00 AZ 94°35'18.2
STA 5+52.00 AZ 94°33'37.0
STA 5+50.00 AZ 94°32'12.5
STA 5+48.00 AZ 94°32'12.4
STA 5+46.00 AZ 94°32'12.3
STA 5+44.00 AZ 94°32'10.0
STA 5+42.00 AZ 94°32'12.1
STA 5+40.00 AZ 94°31'33.7
STA 5+38.00 AZ 94°32'11.5
STA 5+36.00 AZ 94°32'20.4
STA 5+34.00 AZ 94°32'35.7
STA 5+32.00 AZ 94°32'4.4
STA 5+30.00 AZ 94°32'20.1
STA 5+28.00 AZ 94°32'20.0
STA 5+26.00 AZ 94°32'19.9
STA 5+24.00 AZ 94°32'19.8
STA 5+22.00 AZ 94°33'57.6
STA 5+2 AZ 94°3
STA 5+1 AZ 94°3
STA 5+ AZ 94°3
STA 5+ AZ 94°3
STA 4+ AZ 94°3
STA 4+ AZ 94°3
STA 3+10.00 AZ 94°30'54.7
ST AZ
ST. AZ
ST. AZ
ST. AZ

LONG POINT (DM 72) - 73615 (0.0' NAVD88 = 1.1' MLLW = 2.1' MLG)

LIGHT 72

11

10

LIGHT 70

LL=42.4 MLLW

LL=46.4 MLLW

LL=40.4 MLLW

LL=46.4 MLLW

LL=39.4 MLLW

LL=42.4 MLLW

SHIP CHANNEL

LIGHT 71

LIGHT 69

Sheet 18

Sheet 20

Long Point Lake

2,644,000

524,000 521,000 518,000

DISCLAIMER
Access Constraints: The United States Government furnishes this map without warranty, with the understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, or suitability of this map or any of its data or information and the data furnished. The United States shall be held harmless from any liability resulting from the use of this map made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government data and to indemnify the Government from any claim these data to others without also transferring this Disclaimer.

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

Distribution Liability: The data represents the results of data collection activities conducted by the Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy and the Corps of Engineers shall not be liable for the misuse of any of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change over time and must be interpreted accordingly. Any user of this data in the hydrographical conditions which develop after the date of publication. This data is intended for U.S. Army Corps of Engineers' internal use. Present revisions based on ship sweep report.

US Army Corps of Engineers
District: CEMVN

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

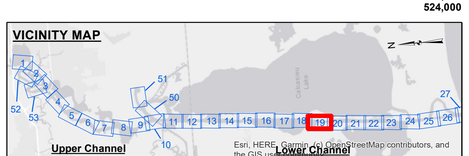
Submitted:	Surveyed By: JDH/JA	Plotted By: BD	Checked By: AO
Recommended: Chief, Survey Section			
Approved: Chief, Waterways Maintenance Section			

CALCASIEU SHIP CHANNEL
LOWER SHEET 19
CR_19_LWR_20190919_CS
19 September 2019

Sheet Reference Number
19 **of** 53

Revison Number:
4.0-201907022

VICINITY MAP



LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- As-built Pipeline/Cable
- Unconfirmed Pipeline/Cable
- Project Depth Contour
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- 3 Fluff Thickness (feet)*
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy
- -16' and above
- -16' to -21'
- -21' to -26'
- -26' to -33'
- -33' to -39'
- -39' to -41'
- -41' to -43'
- -43' and below

Gage Reading:	DM 72: 2.55 MLLW AVG.
Sea Conditions:	CALM
Vessel Name:	M/V VALENTOUR
Survey Type:	CONDITION
Sounding Frequency***:	LOW

Feet
0 400 800 1,200 1,600

NOTES:

Horizontal Coordinate System:
North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.

Vertical Datum:
Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW). Datum Relationships for gage 73615 as of December 2013:
0.0' NAVD88 (2009.55) = 1.1' MLLW = 2.1' MLG or 0.0' MLLW = 1.0' MLG

Distances on the Calcasieu River are shown at 1 mile intervals.

The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE survey crews.

2015 Aerial Photography data source: NAIP

Reference is N.O.A.A. Navigation Chart No. 11339.

* Difference between high and low frequency elevations where greater than 1.0'.

** Shoalest Sounding per Quarter per Reach.

*** High frequency (200 kHz) survey data represents the first signal return at a sounding location and will include suspended solids, known as "fluff", if present. Low frequency (20 kHz) survey data normally penetrates through this "fluff" layer to depict elevations of consolidated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.