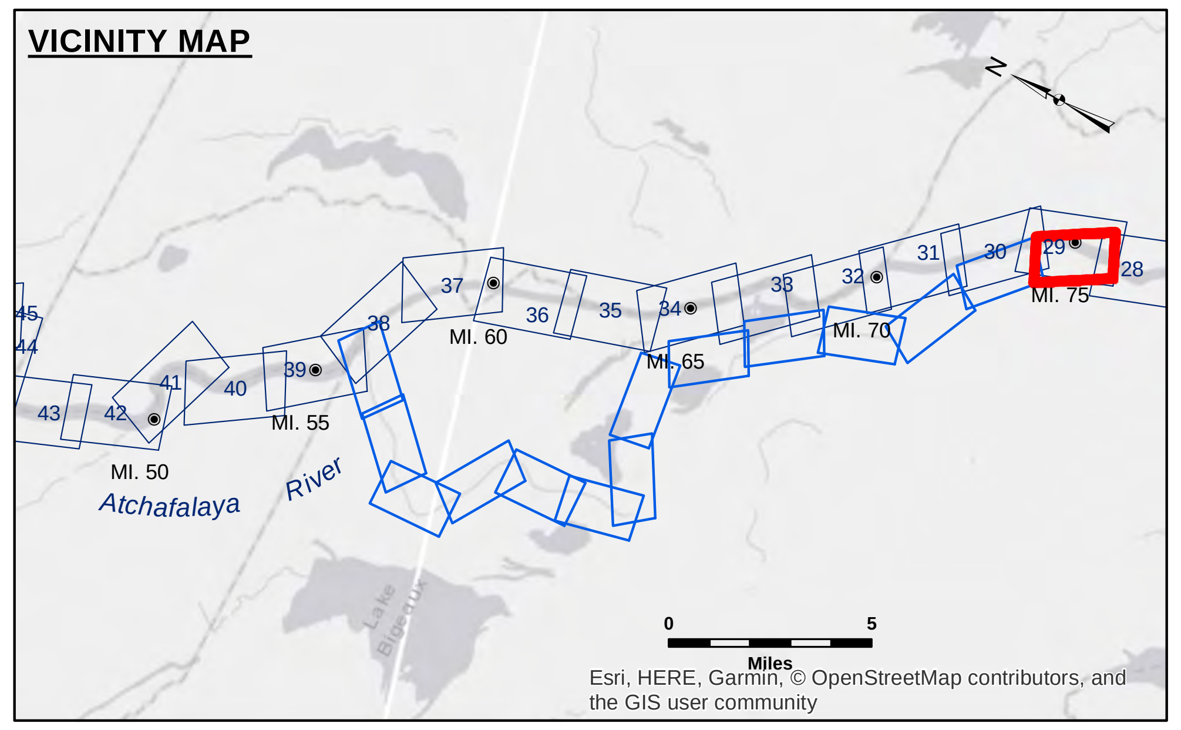
CORPS OF ENGINEERS U.S. ARMY


VICINITY MAP

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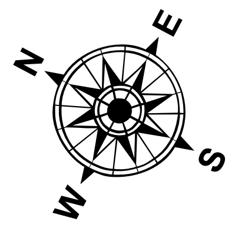
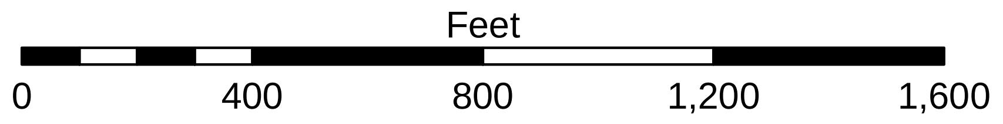
LEGEND

Federal Navigation Channel	Cable Area	Borrow Area
Federal Navigation Center Line	Placement Area	● Shoalest Sounding**
As-built Pipeline/Cable	Anchorage Area	☆ Beacon, General
Unconfirmed Pipeline/Cable	⊠ Obstruction Point	♦ Red Navigation Buoy
Project Depth Contour	Wrecks-Submerged	♦ Green Navigation Buoy



Gage Reading:	WBPC@H:15.88 MLG
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	MB
Sounding Frequency***:	400KHZ



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 NAVD88 (OPUS 2008)..

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

2013 Aerial Photography data source: NAIP. 1998 DOQQ imagery shown in green from USGS.

Reference is N.O.A.A. Navigation Chart No. 11355.

** Shoalest Sounding per Quarter per Reach.

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US Army Corps of Engineers
District: CEMVN

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U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

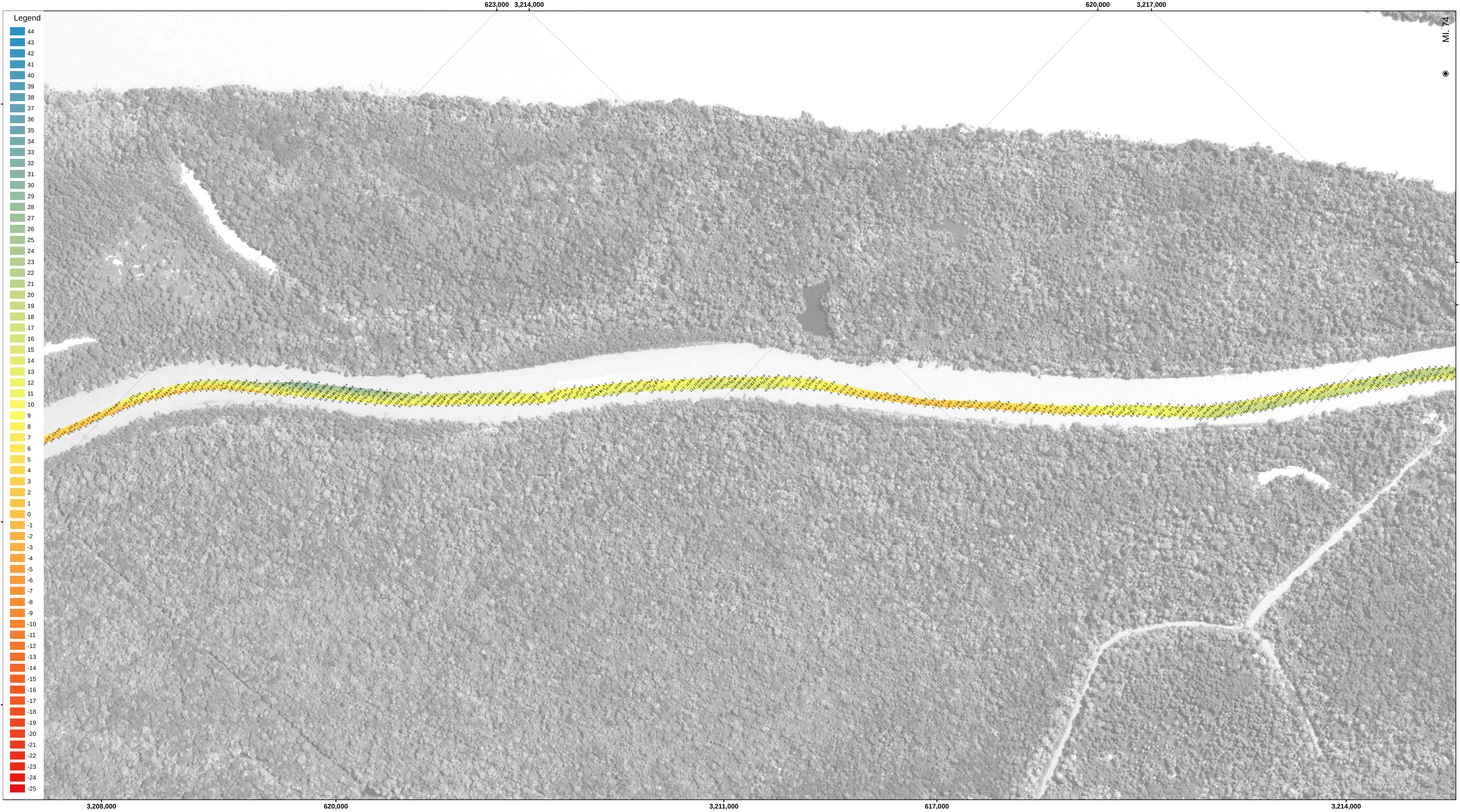
Surveyed By: PM,SP
Plotted By: AO
Checked By: AO

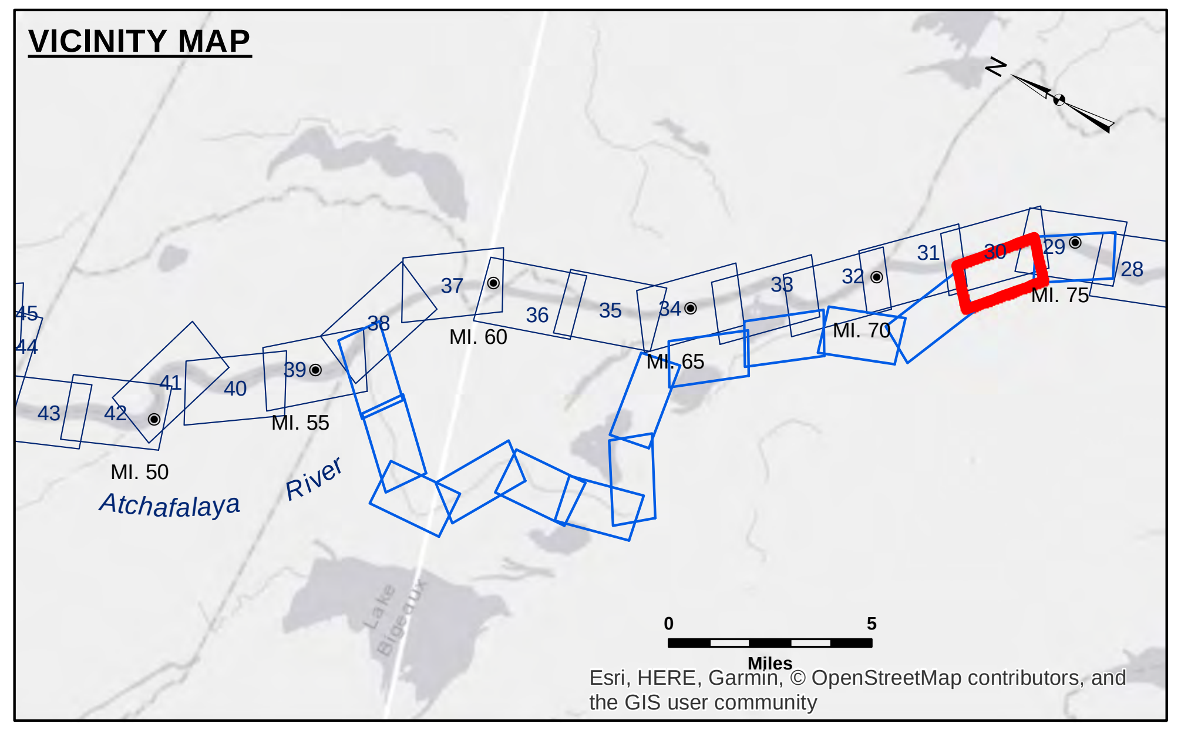
Submitted: ____________________
Recommended: ____________________
Chief, Survey Section
Approved: ____________________
Chief, Waterways Maintenance Section

ATCHAFALAYA RIVER
WHISKEY BAY PILOT CHANNEL
AS_00_WBP_20181212_CS_10X10
12 December 2018

Sheet Reference Number
1 of 14

Revison Number:
3.12-20160811





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LEGEND

Federal Navigation Channel	Cable Area	Borrow Area
Federal Navigation Center Line	Placement Area	Shoalest Sounding**
As-built Pipeline/Cable	Anchorage Area	Beacon, General
Unconfirmed Pipeline/Cable	Obstruction Point	Red Navigation Buoy
Project Depth Contour	Wrecks-Submerged	Green Navigation Buoy

Gage Reading:	WBPC@H:15.88 MLG
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	MB
Sounding Frequency***:	400KHZ

Feet

0 400 800 1,200 1,600

NOTES:

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US Army Corps
of Engineers
District: CEMVN

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By: PM,SP
Plotted By: AO
Checked By: AO

Submitted:
Recommended: Chief, Survey Section
Approved: Chief, Waterways Maintenance Section

ATCHAFALAYA RIVER
WHISKEY BAY PILOT CHANNEL
AS_00_WBP_20181212_CS_10X10
12 December 2018

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Number
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Revison Number:
3.12-20160811

US Army Corps
of Engineers
District: CEMVN

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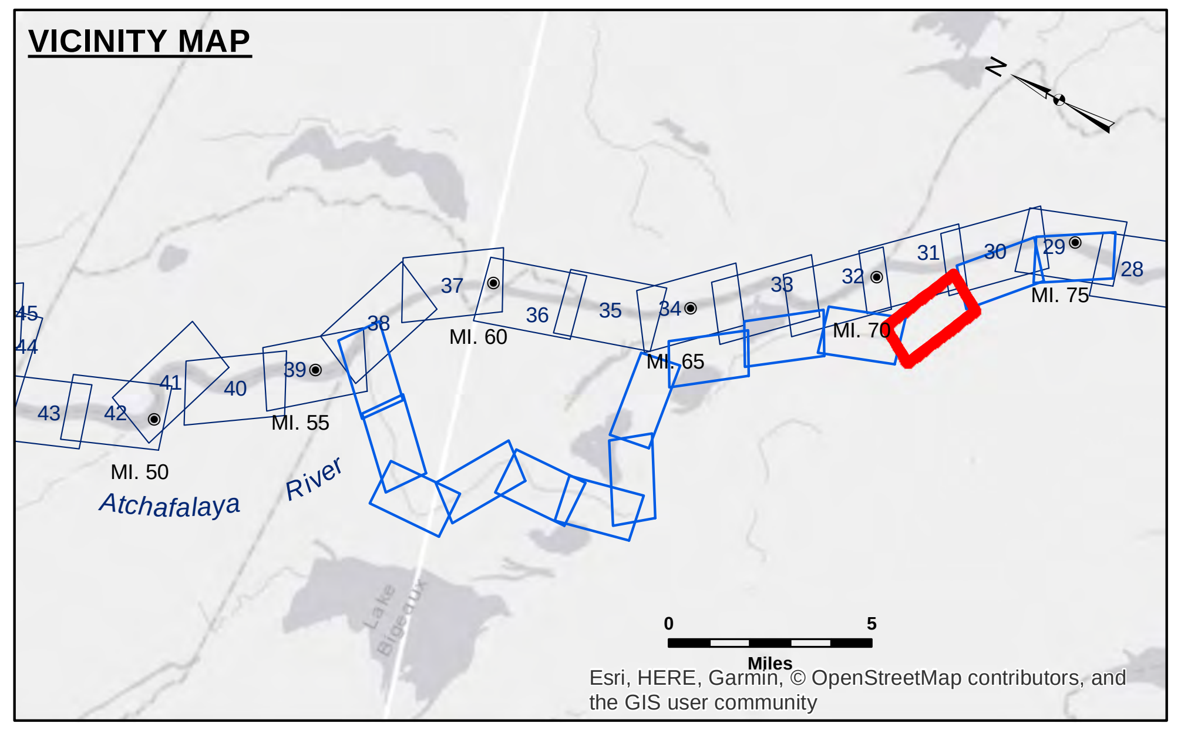
U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted: ______	Surveyed By: PM,SP
Recommended: ______ Chief, Survey Section	Plotted By: AO
Approved: ______ Chief, Waterways Maintenance Section	Checked By: AO

ATCHAFALAYA RIVER
WHISKEY BAY PILOT CHANNEL
AS_00_WBP_20181212_CS_10X10
12 December 2018



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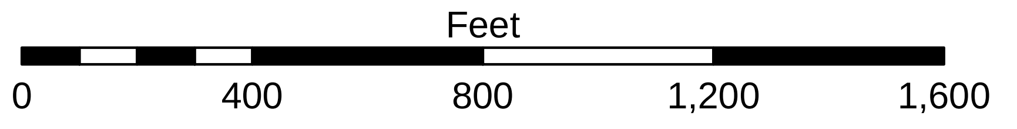
LEGEND

- 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
- Borrow Area
- ● Shoalest Sounding**
- ☆ Beacon, General
- ♦ Red Navigation Buoy
- ♦ Green Navigation Buoy

Gage Reading:	WBPC@H:15.88 MLG
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	MB
Sounding Frequency***:	400KHZ



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Revison Number:
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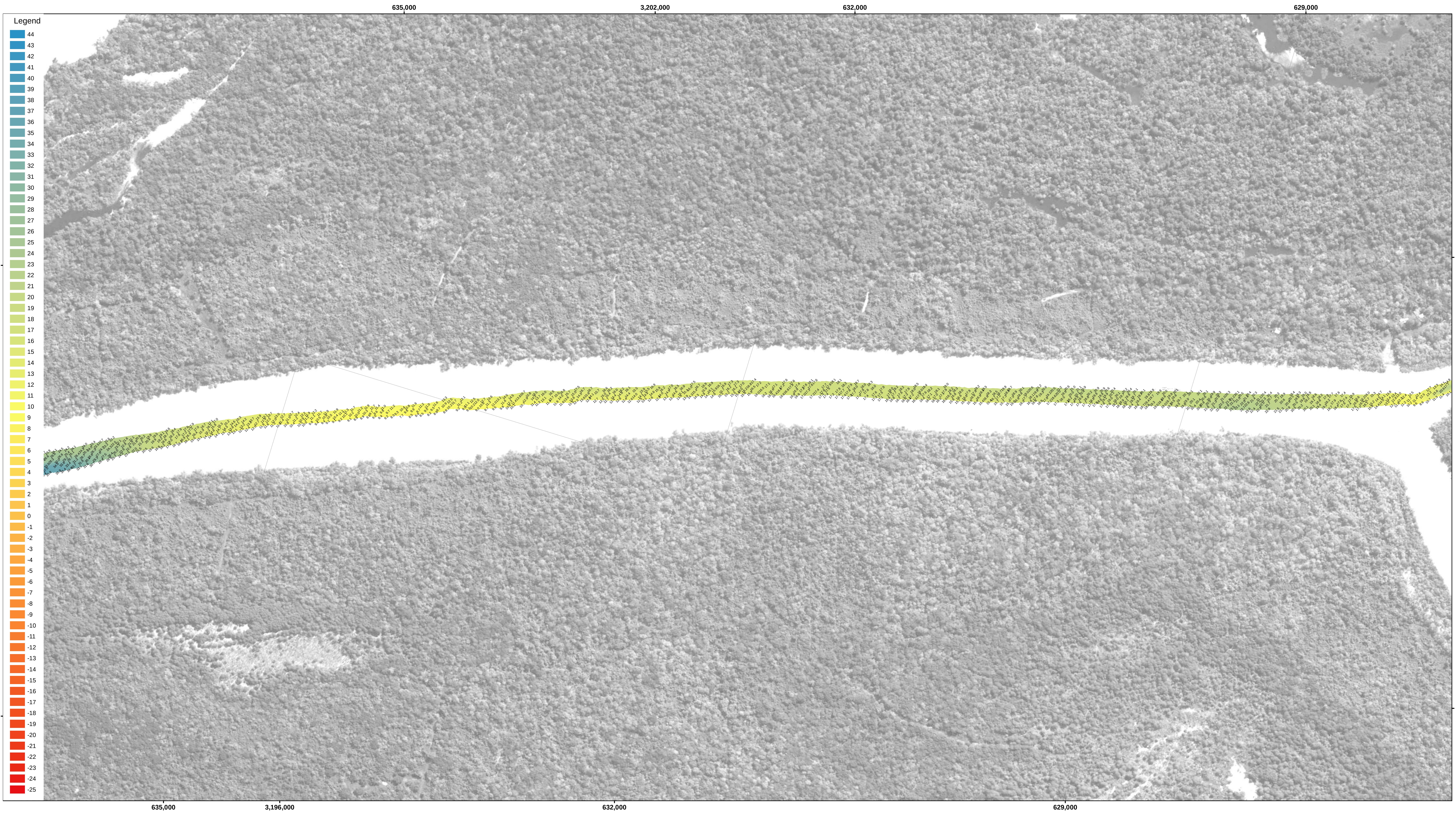
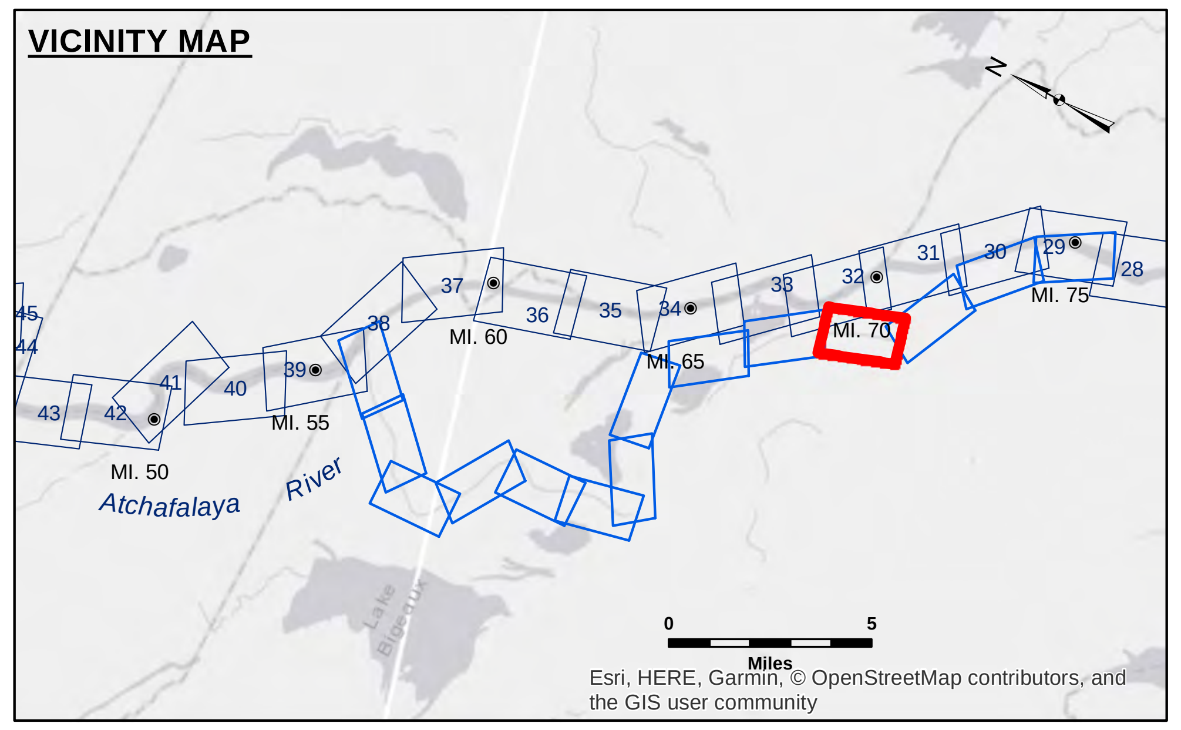


VICINITY MAP



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
- Borrow Area
- Shoalest Sounding**
- ☆ Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Gage Reading:	WBPC@H:15.88 MLG
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	MB
Sounding Frequency***:	400KHZ

Feet
0 400 800 1,200 1,600

NOTES:

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US Army Corps of Engineers
District: CEMVN

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U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

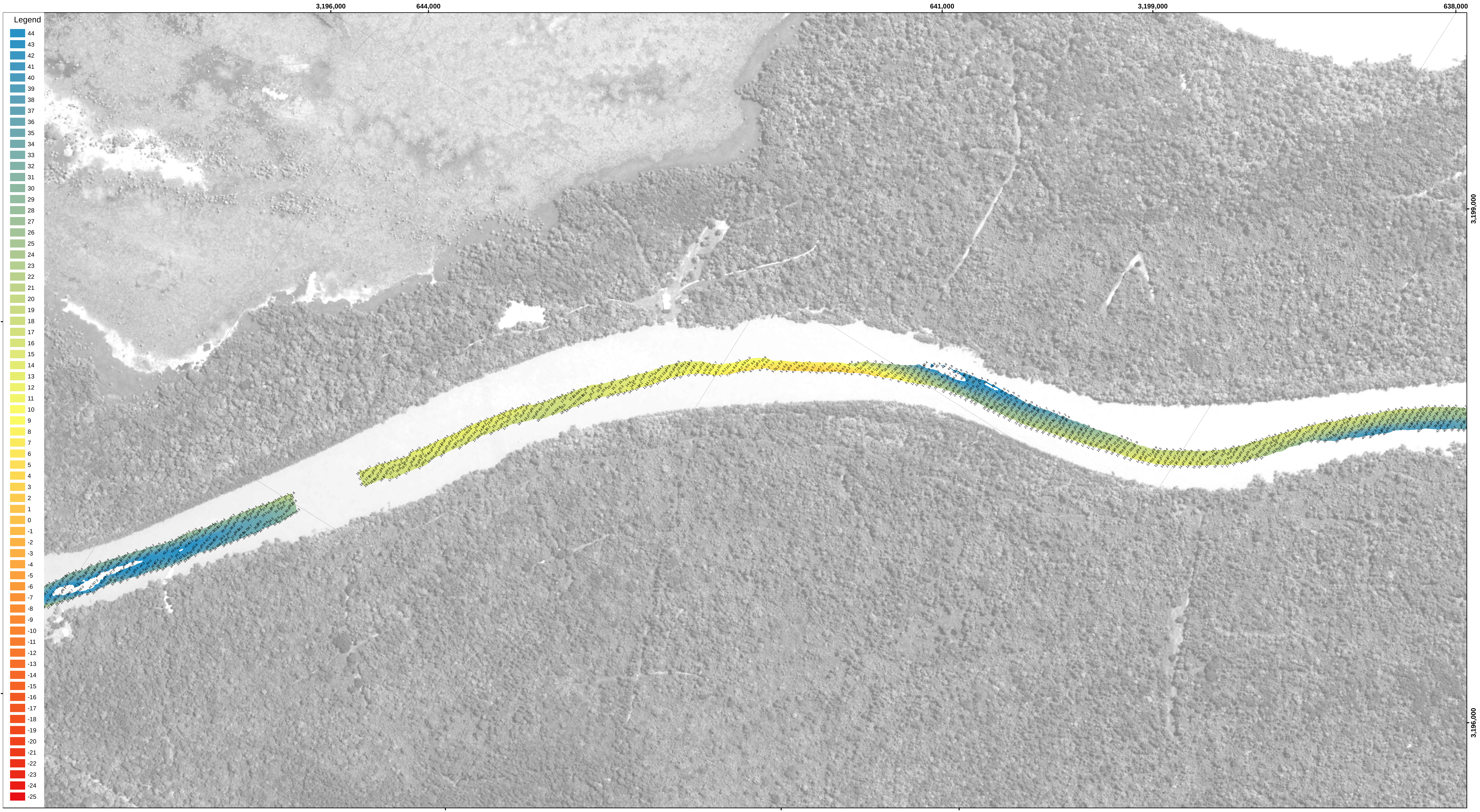
Submitted:	Surveyed By: PM,SP
Recommended: Chief, Survey Section	Plotted By: AO
Approved: Chief, Waterways Maintenance Section	Checked By: AO

ATCHAFALAYA RIVER
WHISKEY BAY PILOT CHANNEL
AS_00_WBP_20181212_CS_10X10
12 December 2018

Sheet Reference Number
4 of 14

Revison Number:
3.12-20160811

CORPS OF ENGINEERS U.S. ARMY



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U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted: ____________

Recommended: ____________
Chief, Survey Section

Approved: ____________
Chief, Waterways Maintenance Section

Surveyed By: PM,SP

Plotted By: AO

Checked By: AO

ATCHAFALAYA RIVER
WHISKEY BAY PILOT CHANNEL
AS_00_WBP_20181212_CS_10X10
12 December 2018

Sheet Reference Number

5 of 14

Revison Number:
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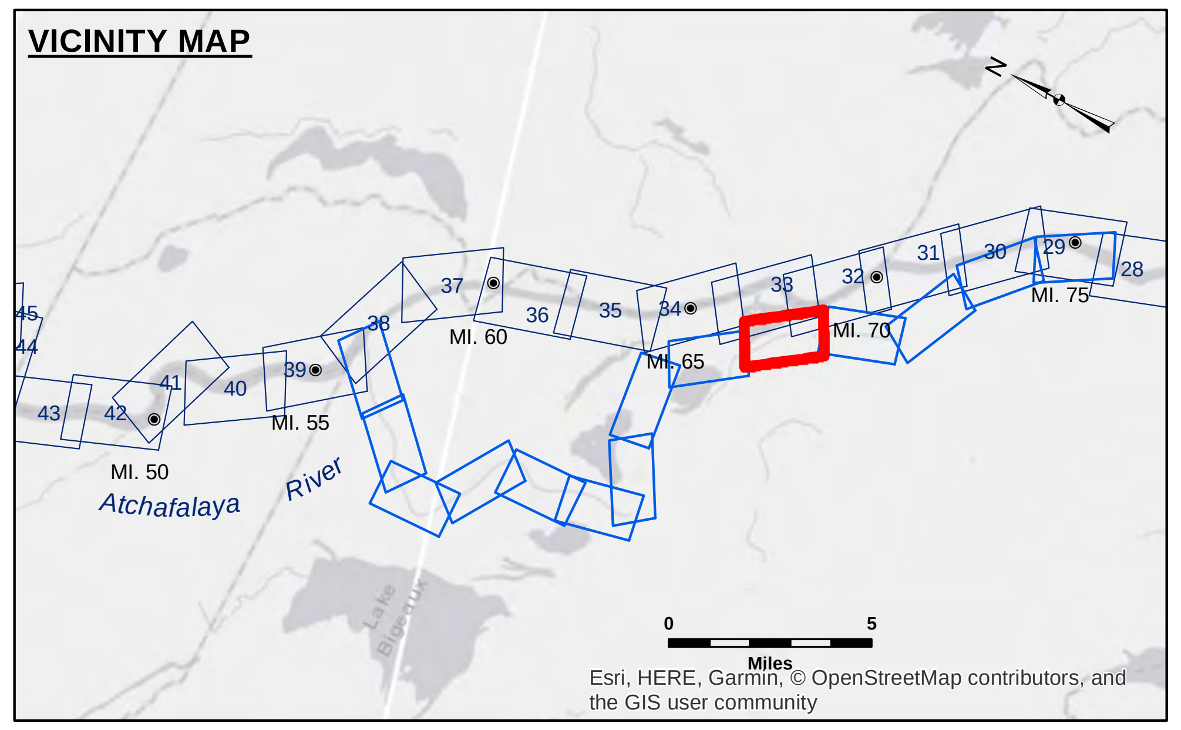
VICINITY MAP



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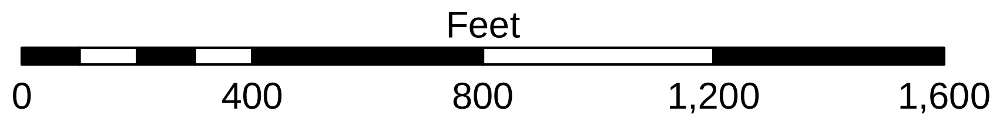
······ Unconfirmed Pipeline/Cable
— Project Depth Contour
∘∘ Cable Area
▭ Placement Area
⬚ Anchorage Area
⊠ Obstruction Point
✈ Wrecks-Submerged
▭ Borrow Area
● Shoalest Sounding**
☆ Beacon, General
♦ Red Navigation Buoy
♦ Green Navigation Buoy

Gage Reading:	WBPC@H:15.88 MLG
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	MB
Sounding Frequency***:	400KHZ



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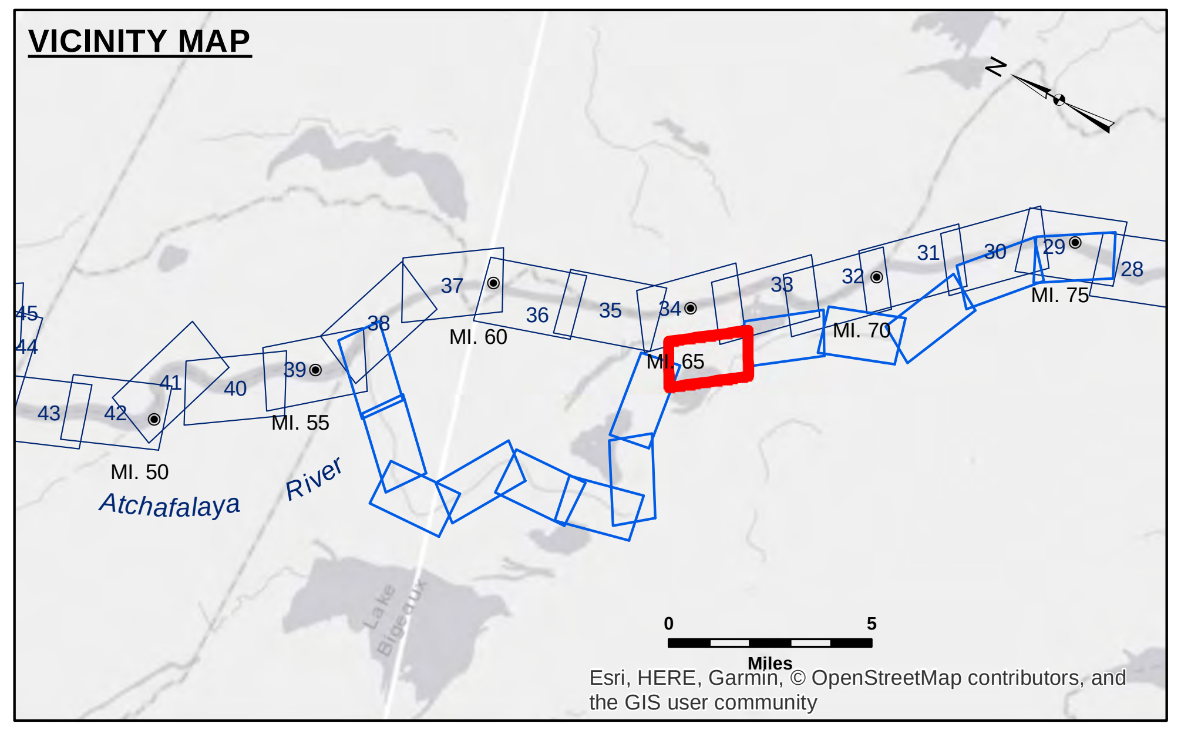

LEGEND

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Gage Reading:	WBPC@H:15.88 MLG
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	MB
Sounding Frequency***:	400KHZ

Feet
0 400 800 1,200 1,600

NOTES:

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District: CEMVN

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U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: PM,SP
Recommended: Chief, Survey Section	Plotted By: AO
Approved: Chief, Waterways Maintenance Section	Checked By: AO

ATCHAFALAYA RIVER
WHISKEY BAY PILOT CHANNEL
AS_00_WBP_20181212_CS_10X10
12 December 2018

**Sheet
Reference
Number
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Revison Number:
3.12-20160811

US Army Corps of Engineers
District: CEMVN

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U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted: ______	Surveyed By: PM,SP
Recommended: ______ Chief, Survey Section	Plotted By: AO
Approved: ______ Chief, Waterways Maintenance Section	Checked By: AO

ATCHAFALAYA RIVER
WHISKEY BAY PILOT CHANNEL
AS_00_WBP_20181212_CS_10X10
12 December 2018

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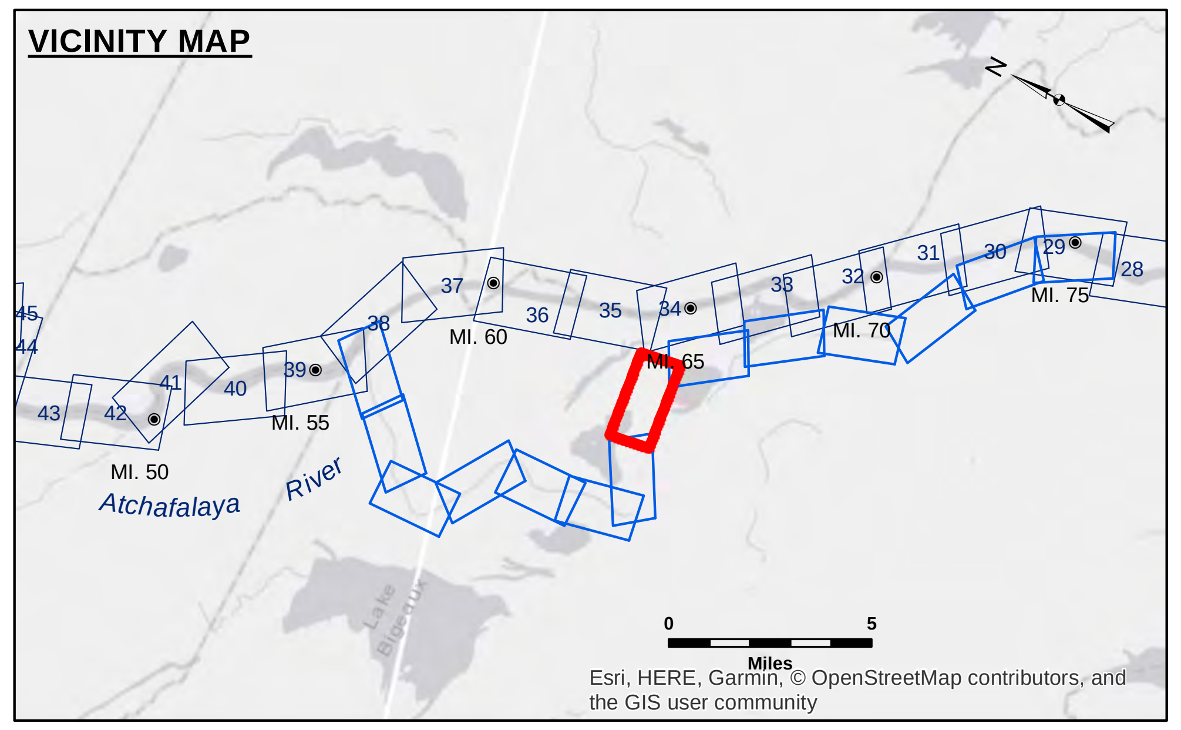

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LEGEND

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- Project Depth Contour
- Cable Area
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Gage Reading:	WBPC@H:15.88 MLG
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	MB
Sounding Frequency***:	400KHZ

Feet
0 400 800 1,200 1,600

NOTES:

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U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted: ____________

Recommended: ____________
Chief, Survey Section

Approved: ____________
Chief, Waterways Maintenance Section

Surveyed By: PM,SP

Plotted By: AO

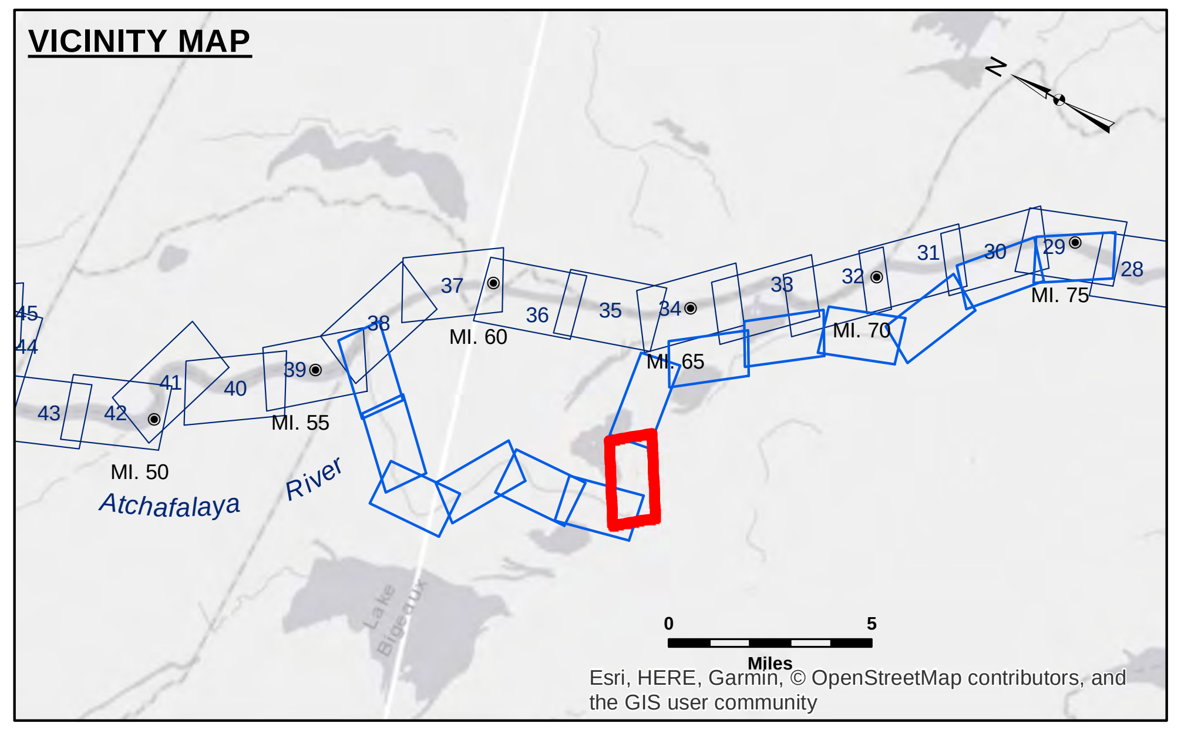
Checked By: AO

ATCHAFALAYA RIVER
WHISKEY BAY PILOT CHANNEL
AS_00_WBP_20181212_CS_10X10
12 December 2018

Sheet Reference Number
8 of 14

Revison Number:
3.12-20160811

VICINITY MAP



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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
Borrow Area
Shoalest Sounding**
☆ Beacon, General
♦ Red Navigation Buoy
♦ Green Navigation Buoy

Gage Reading:	WBPC@H:15.88 MLG
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	MB
Sounding Frequency***:	400KHZ

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 NAVD88 (OPUS 2008)..

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Reference is N.O.A.A. Navigation Chart No. 11355.

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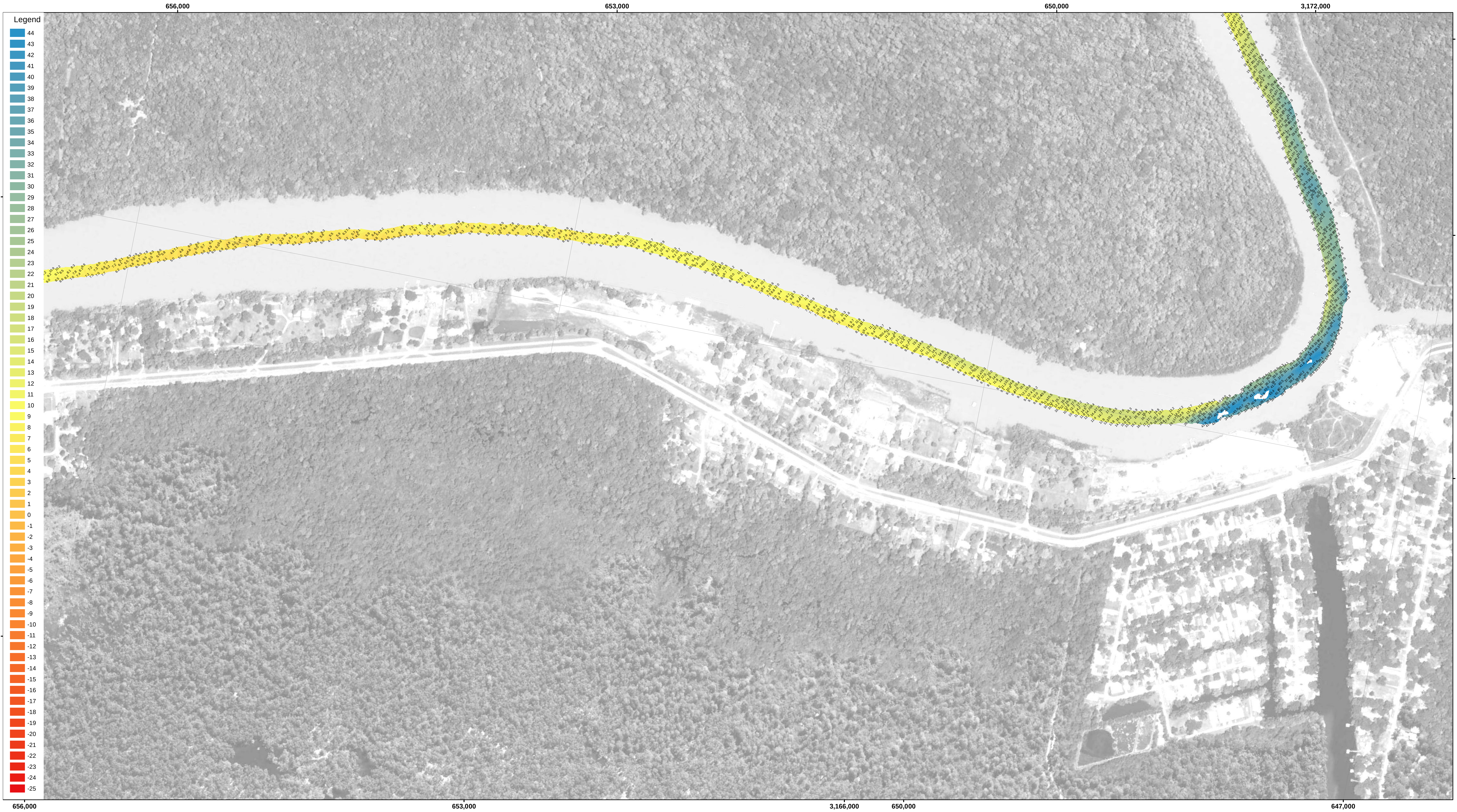

US Army Corps of Engineers
District: CEMVN

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U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

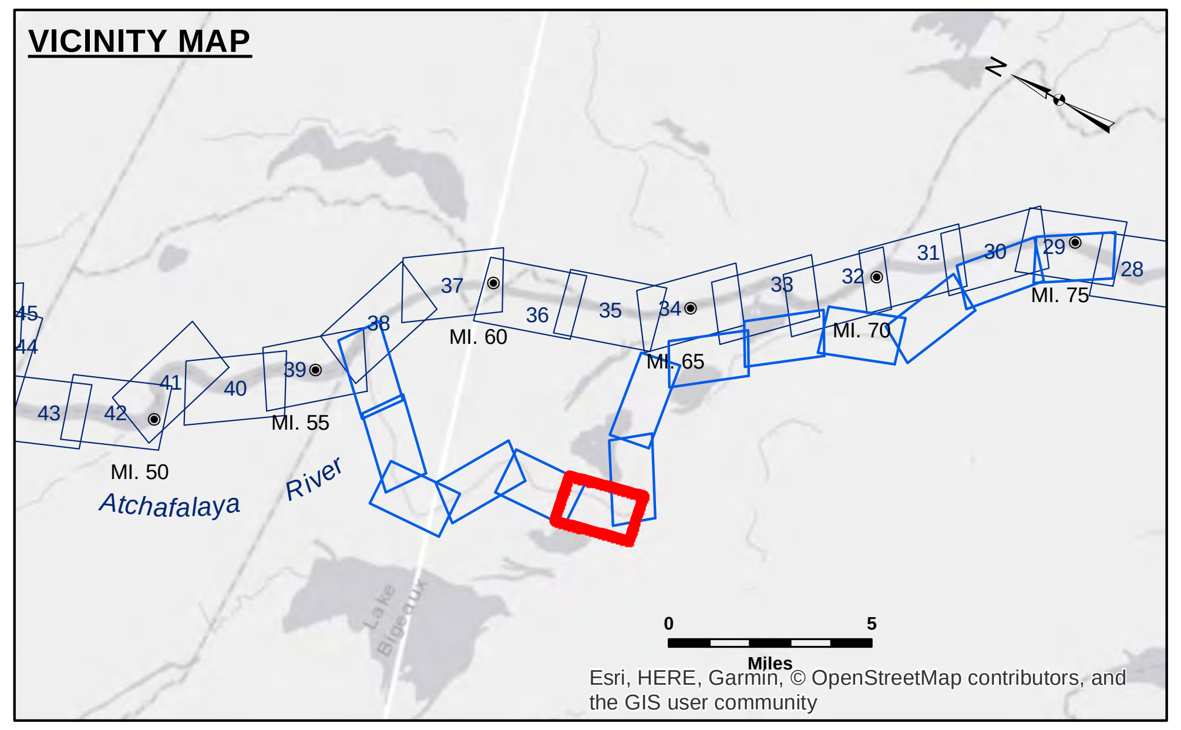
Submitted:	Surveyed By: PM,SP
Recommended: Chief, Survey Section	Plotted By: AO
Approved: Chief, Waterways Maintenance Section	Checked By: AO

ATCHAFALAYA RIVER
WHISKEY BAY PILOT CHANNEL
AS_00_WBP_20181212_CS_10X10
12 December 2018

Sheet Reference Number
9 of 14

Revison Number:
3.12-20160811

VICINITY MAP



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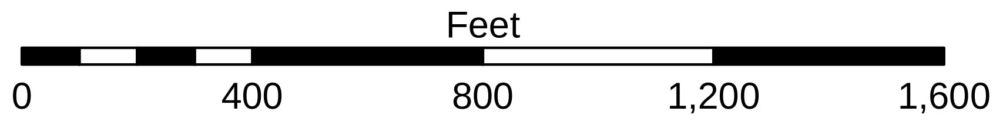
LEGEND

Federal Navigation Channel	Cable Area	Borrow Area
Federal Navigation Center Line	Placement Area	Shoalest Sounding**
As-built Pipeline/Cable	Anchorage Area	☆ Beacon, General
Unconfirmed Pipeline/Cable	Obstruction Point	Red Navigation Buoy
Project Depth Contour	Wrecks-Submerged	Green Navigation Buoy

Gage Reading:	WBPC@H:15.88 MLG
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	MB
Sounding Frequency***:	400KHZ



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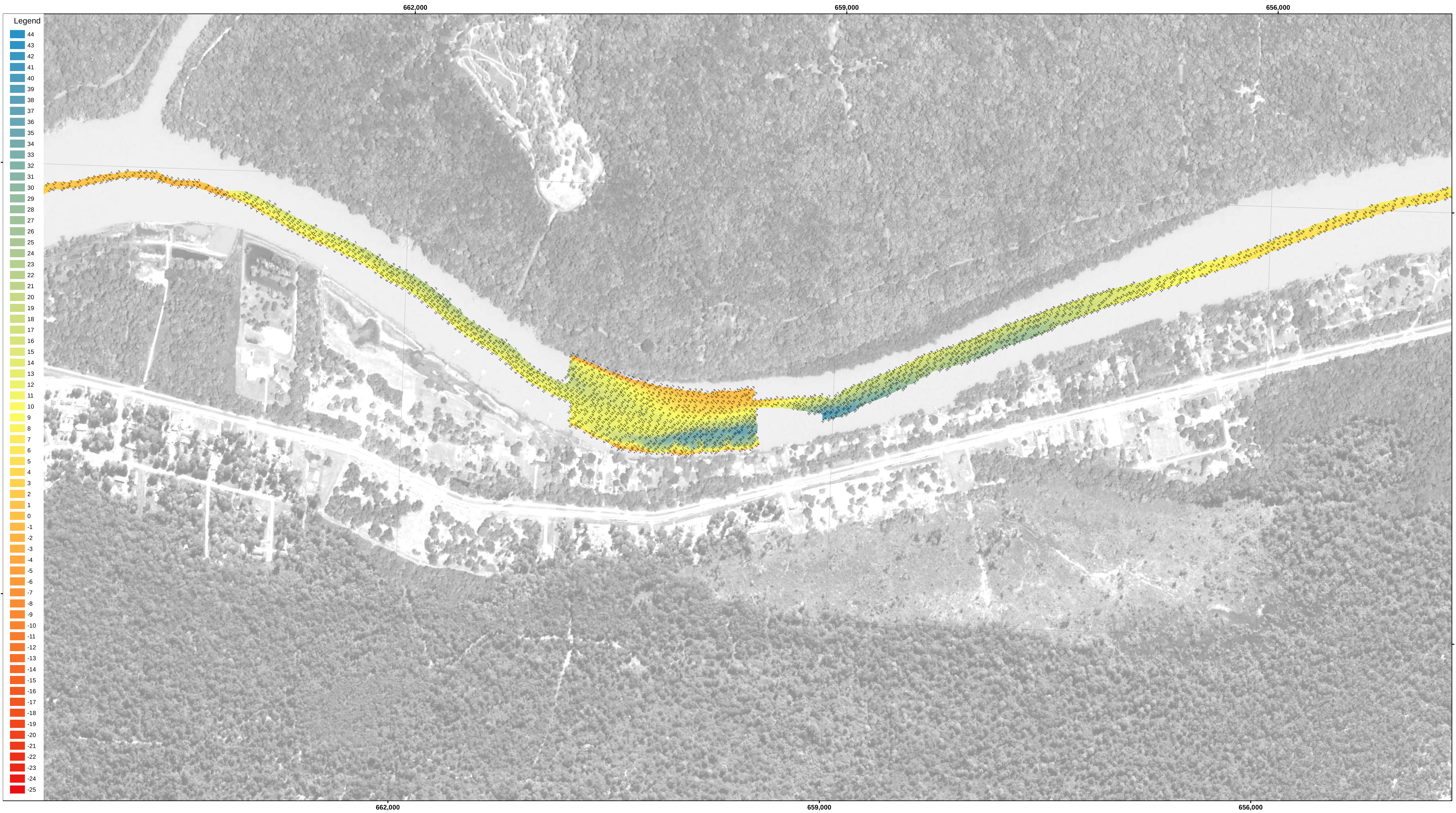
CORPS OF ENGINEERS U.S. ARMY



US Army Corps of Engineers
District: CEMVN

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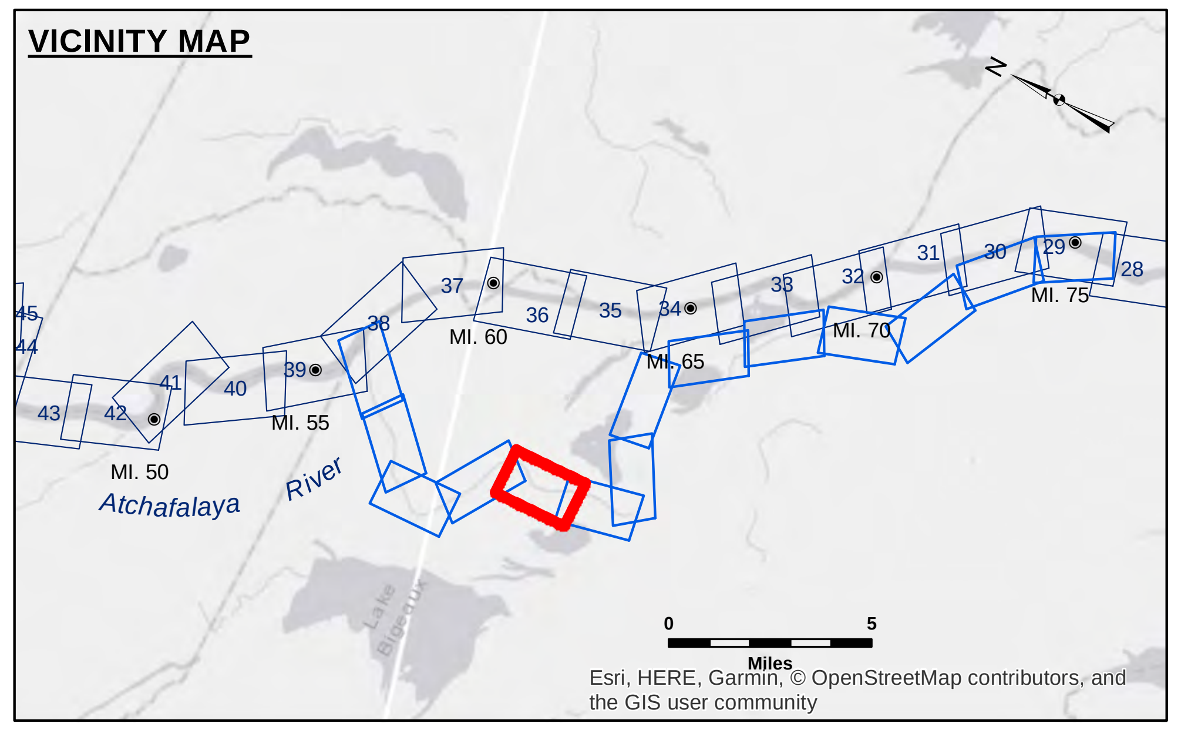
U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted: ______
Recommended: ______
Chief, Survey Section
Approved: ______
Chief, Waterways Maintenance Section

Surveyed By: PM,SP
Plotted By: AO
Checked By: AO

ATCHAFALAYA RIVER
WHISKEY BAY PILOT CHANNEL
AS_00_WBP_20181212_CS_10X10
12 December 2018

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
- Borrow Area
- ● Shoalest Sounding**
- ☆ Beacon, General
- ♦ Red Navigation Buoy
- ♦ Green Navigation Buoy

N E S W

Gage Reading:	WBPC@H:15.88 MLG
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	MB
Sounding Frequency***:	400KHZ

Feet
0 400 800 1,200 1,600

NOTES:

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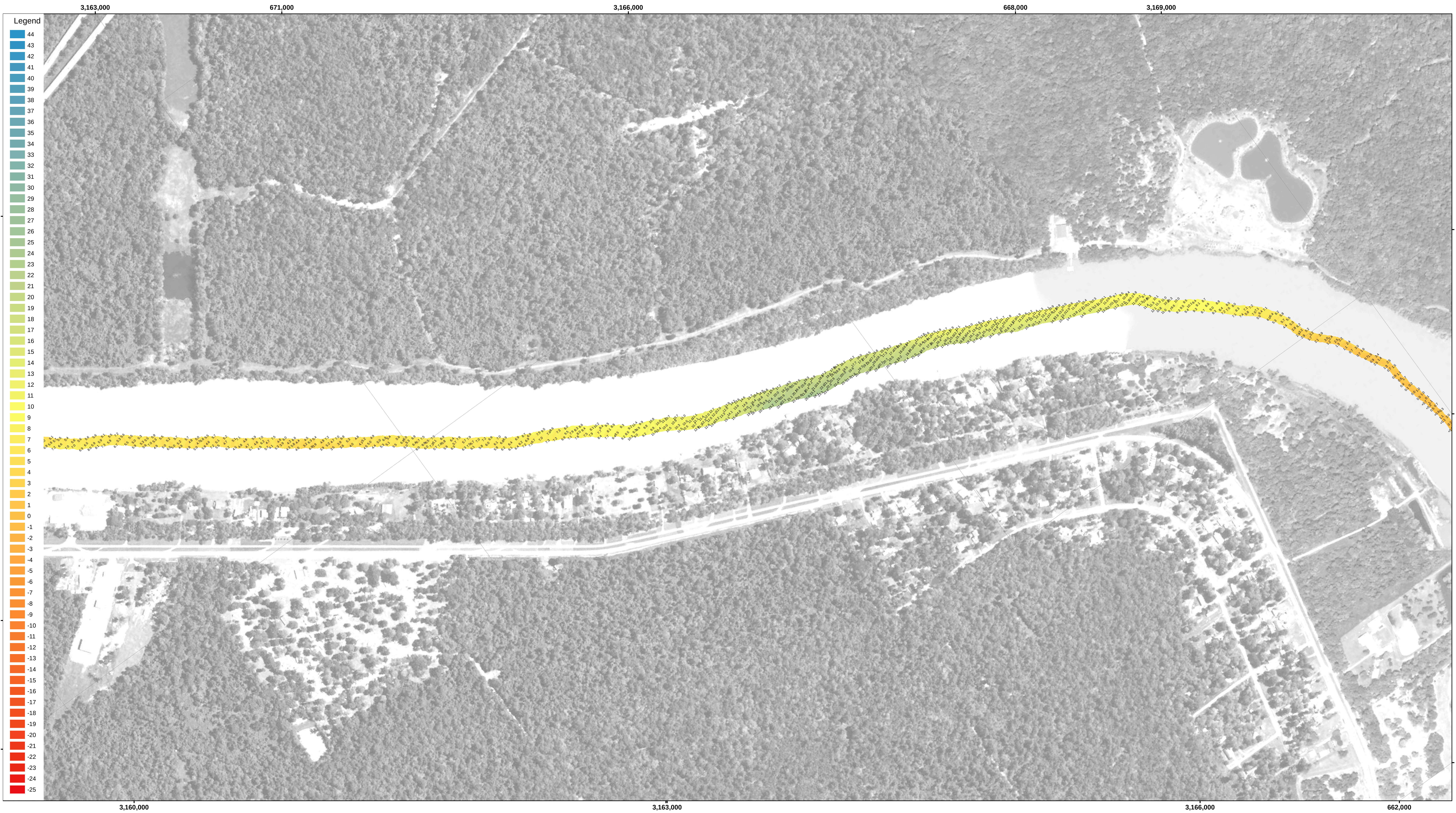
Sheet Reference Number
10 of 14

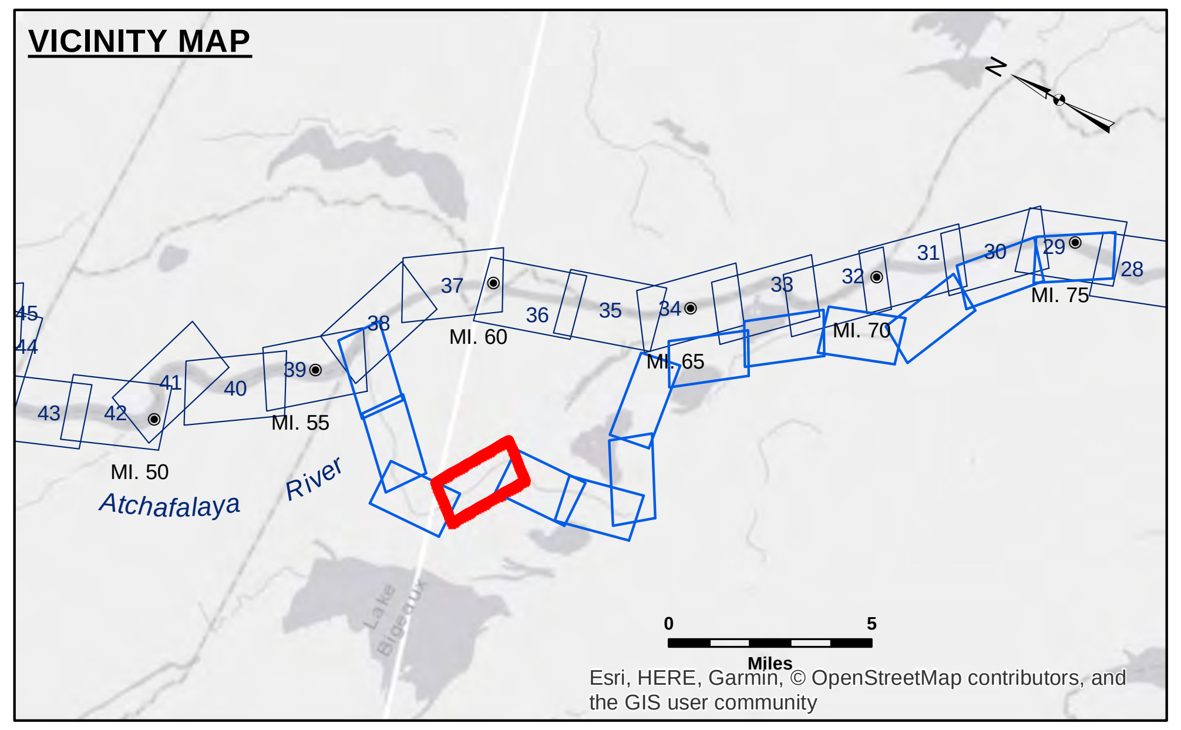
Revison Number:
3.12-20160811

CORPS OF ENGINEERS

U.S. ARMY



VICINITY MAP



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LEGEND

Federal Navigation Channel	Cable Area	Borrow Area
Federal Navigation Center Line	Placement Area	● Shoalest Sounding**
As-built Pipeline/Cable	Anchorage Area	☆ Beacon, General
Unconfirmed Pipeline/Cable	⊠ Obstruction Point	♦ Red Navigation Buoy
Project Depth Contour	Wrecks-Submerged	♦ Green Navigation Buoy

N E S W

Gage Reading:	WBPC@H:15.88 MLG
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	MB
Sounding Frequency***:	400KHZ

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.

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US Army Corps of Engineers
District: CEMVN

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U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By: PM,SP
Plotted By: AO
Checked By: AO

Submitted: ____________

Recommended: ____________
Chief, Survey Section

Approved: ____________
Chief, Waterways Maintenance Section

ATCHAFALAYA RIVER
WHISKEY BAY PILOT CHANNEL
AS_00_WBP_20181212_CS_10X10
12 December 2018

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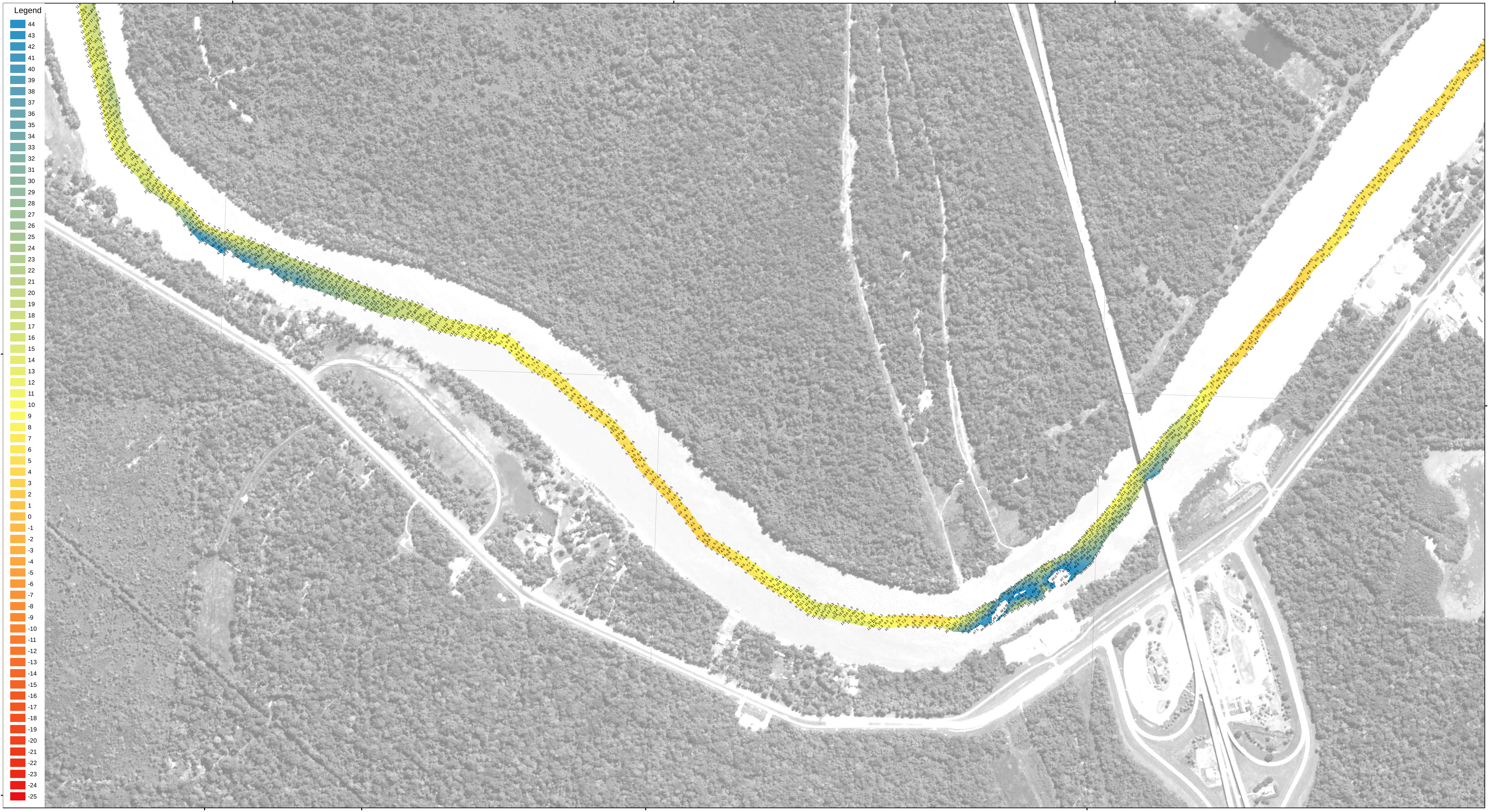
Revison Number:
3.12-20160811



US Army Corps of Engineers District: CEMVN

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U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted: ______

Recommended: ______
Chief, Survey Section

Approved: ______
Chief, Waterways Maintenance Section

Surveyed By: PM,SP

Plotted By: AO

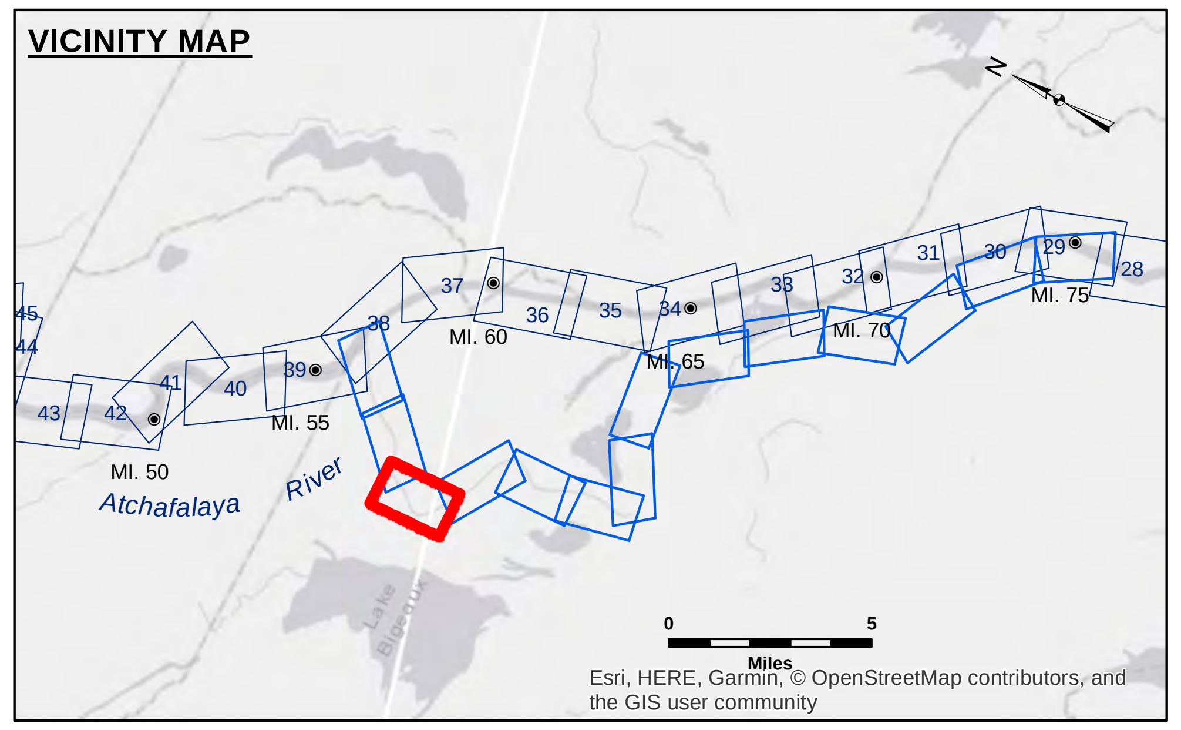
Checked By: AO

ATCHAFALAYA RIVER
WHISKEY BAY PILOT CHANNEL
AS_00_WBP_20181212_CS_10X10
12 December 2018

Sheet Reference Number
12 of 14

Revison Number:
3.12-20160811

VICINITY MAP



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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
- Borrow Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Gage Reading:	WBPC@H:15.88 MLG
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	MB
Sounding Frequency***:	400KHZ

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.

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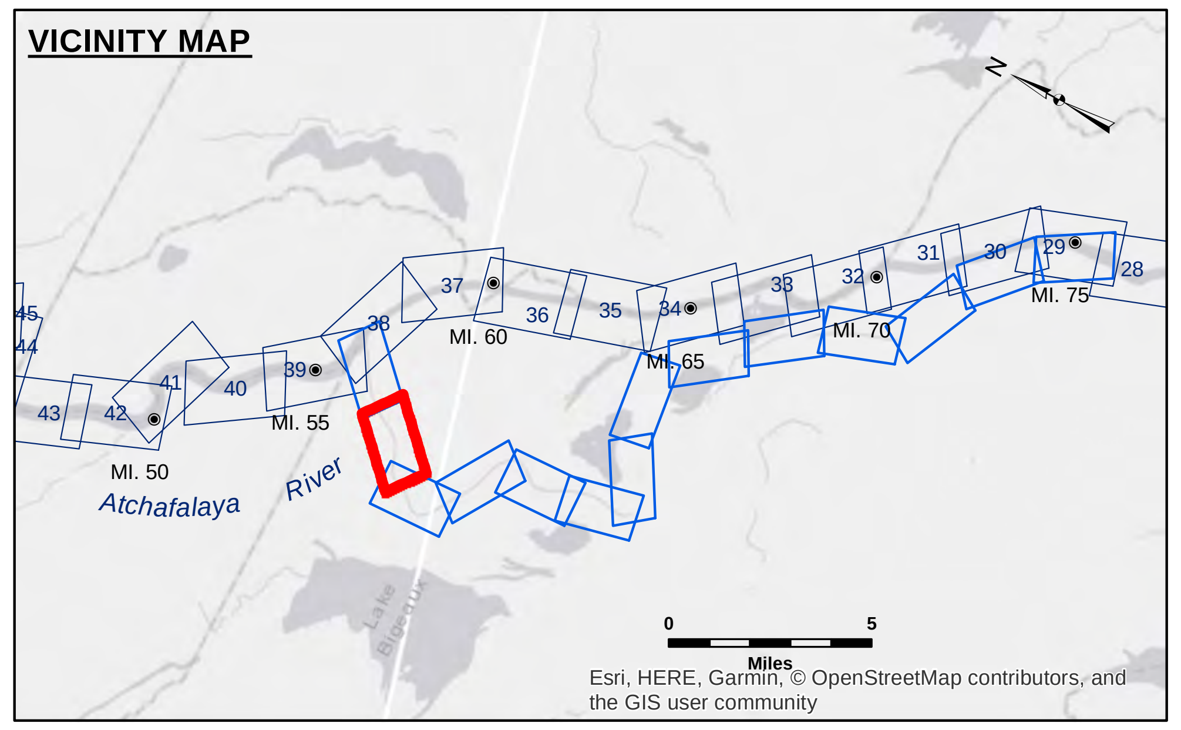
U.S. ARMY



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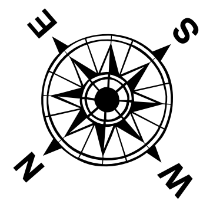
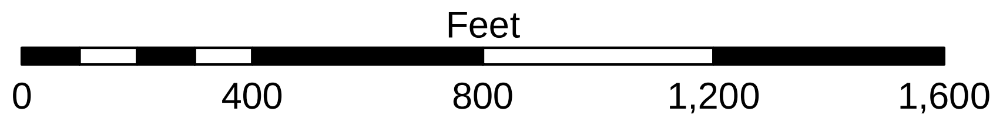


Gage Reading:	WBPC@H:15.88 MLG
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	MB
Sounding Frequency***:	400KHZ



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US Army Corps of Engineers
District: CEMVN

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U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted: ________

Recommended: ________
Chief, Survey Section

Approved: ________
Chief, Waterways Maintenance Section

Surveyed By: PM,SP

Plotted By: AO

Checked By: AO

ATCHAFALAYA RIVER
WHISKEY BAY PILOT CHANNEL
AS_00_WBP_20181212_CS_10X10
12 December 2018

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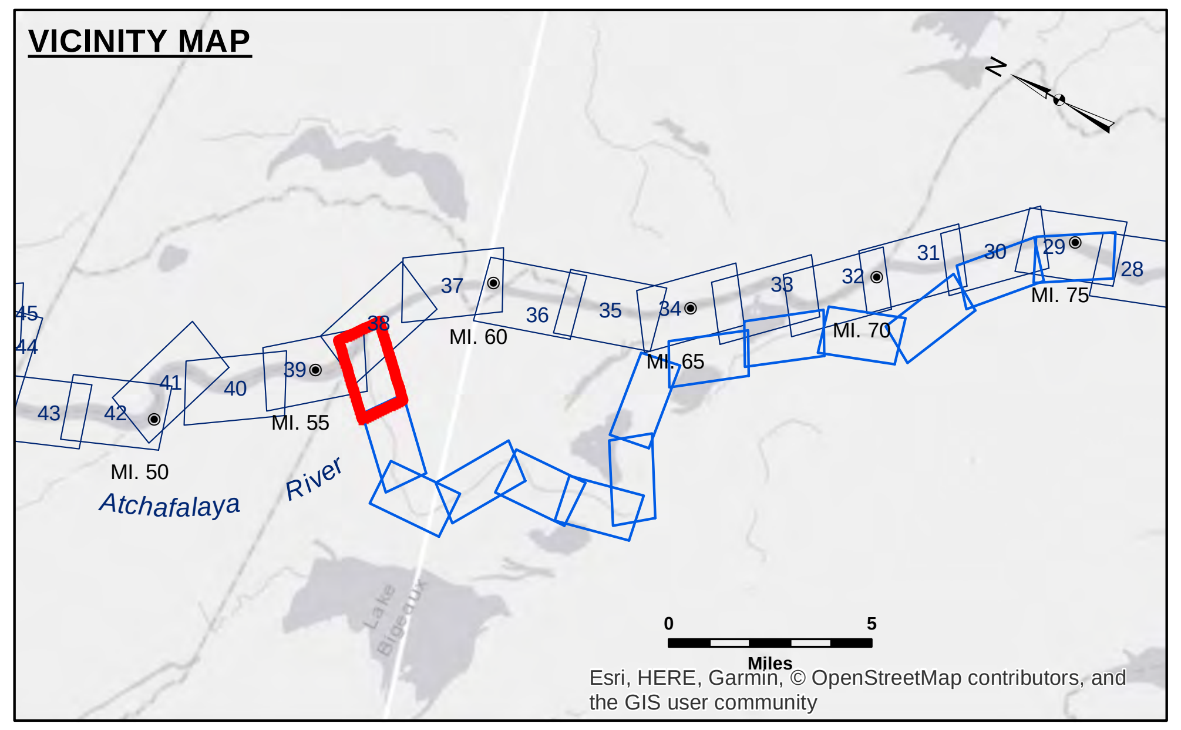
CORPS OF ENGINEERS U.S. ARMY

VICINITY MAP



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LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- As-built Pipeline/Cable
- Unconfirmed Pipeline/Cable
- Project Depth Contour
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- Red Navigation Buoy
- Green Navigation Buoy

Gage Reading:	WBPC@H:15.88 MLG
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	MB
Sounding Frequency***:	400KHZ

Feet

0 400 800 1,200 1,600

NOTES:

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US Army Corps
of Engineers
District: CEMVN

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U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted: ______	Surveyed By: PM,SP
Recommended: ______ Chief, Survey Section	Plotted By: AO
Approved: ______ Chief, Waterways Maintenance Section	Checked By: AO

ATCHAFALAYA RIVER
WHISKEY BAY PILOT CHANNEL
AS_00_WBP_20181212_CS_10X10
12 December 2018

Sheet
Reference
Number
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Revison Number:
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