

Outside Perimeter Surveyed:
06 September 2024

Within Perimeter Surveyed:
29-30 October & 06 November 2024

Lockwoods Folly Inlet

Cape Fear Civil War
Shipwreck District

Tangent 11

Tangent 10

Tangent 12

Light 48A
Tide Gage

Sheep Island

Holden Beach

Oak Island

DA287

WAYPOINT 5

WAYPOINT 4

WAYPOINT 3

WAYPOINT 2

WAYPOINT 1

WAYPOINTS

Date	Project	DDM_X	DDM_Y
2024-10-29	Lockwoods Folly Inlet - Waypoint 1	078° 13.79873881' W	33° 54.47183912' N
2024-10-29	Lockwoods Folly Inlet - Waypoint 2	078° 13.86205708' W	33° 54.63763635' N
2024-10-29	Lockwoods Folly Inlet - Waypoint 3	078° 13.95395833' W	33° 54.72076614' N
2024-10-29	Lockwoods Folly Inlet - Waypoint 4	078° 14.13607771' W	33° 54.83464318' N
2024-10-29	Lockwoods Folly Inlet - Waypoint 5	078° 14.28849165' W	33° 54.96288891' N
2024-10-29	Lockwoods Folly Inlet - Waypoint 6	078° 14.25885419' W	33° 55.16259642' N
2024-10-29	Lockwoods Folly Inlet - Waypoint 7	078° 14.26368036' W	33° 55.22856516' N

- NOTES:
- ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
 - PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "SANDERSON " USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
 - HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
 - TIDE GAGE LOCATED AT: LIGHT 48A
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 - NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL. ACCURACY +/- 3 METERS.
 - FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: WWW.SAW.USACE.ARMY.MIL

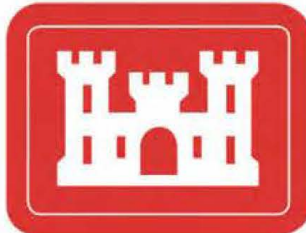
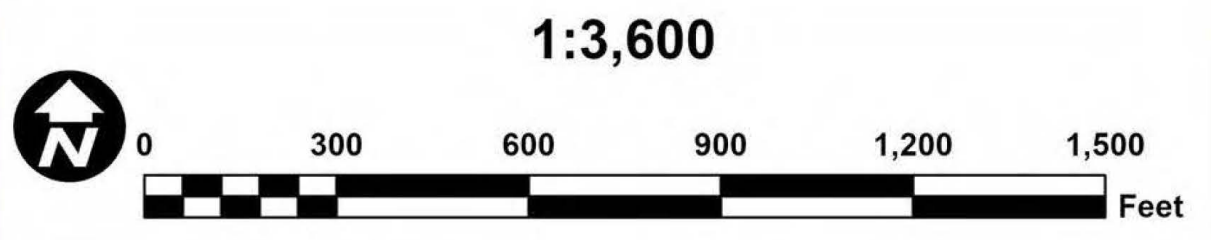
LEGEND

Aids to Navigation

- Can
- Nun
- Danger Sign
- Green Daybeacon
- Red Daybeacon
- Junction Marker
- Green Light
- Red Light
- Green Lighted Buoy
- Red Lighted Buoy
- Mileboard

Elevation

- 4 and Shallower
- 6 - 4
- 7 - 6
- 8 - 7
- 10 - 8
- 12 - 10
- 14 - 12
- 15 - 14
- 15 and Deeper
- Waypoints
- WaypointLine
- Navigation Channel
- Placement Areas



US Army Corps
of Engineers
Wilmington District

NORTH CAROLINA



Lockwoods Folly Inlet



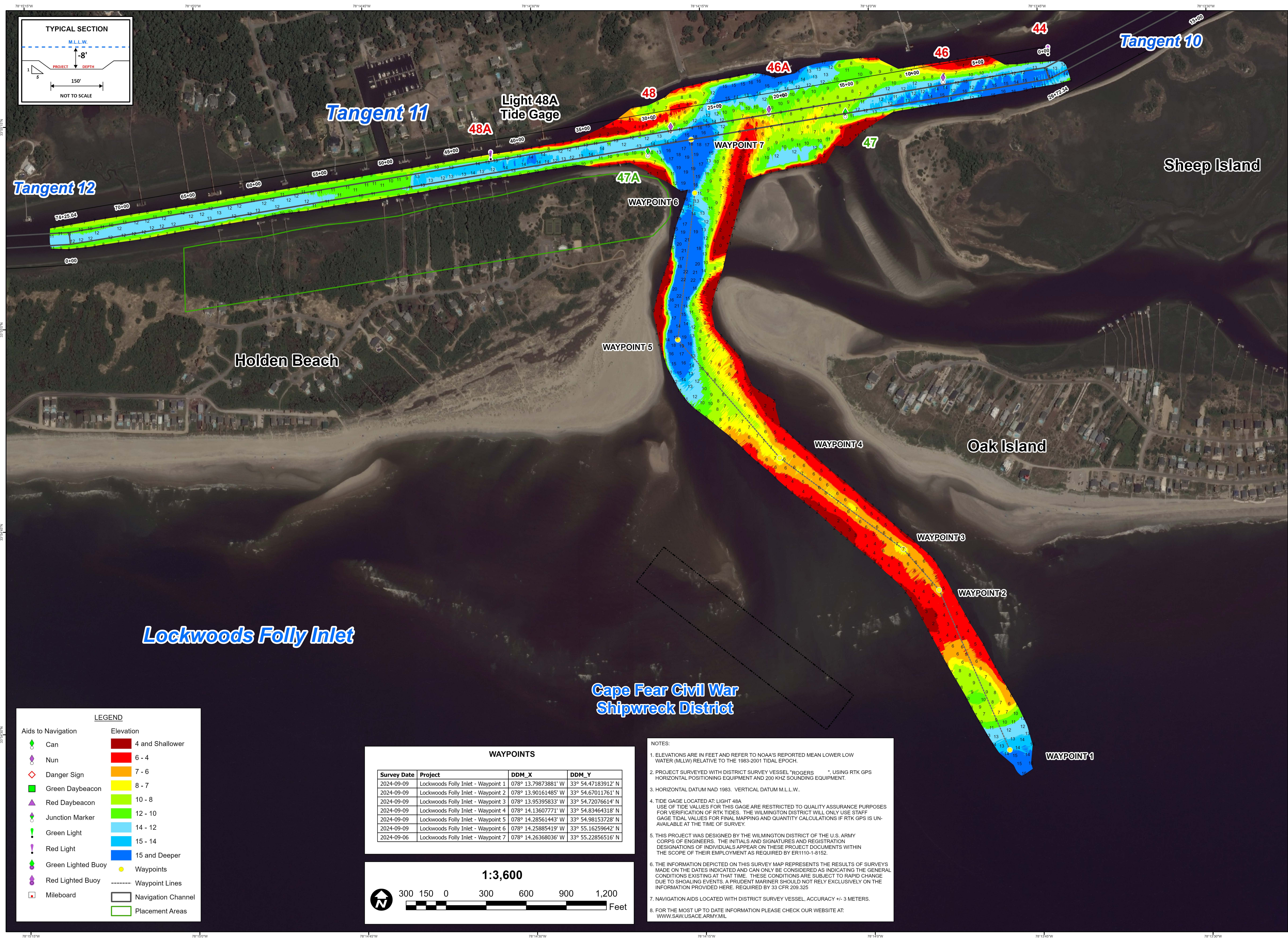
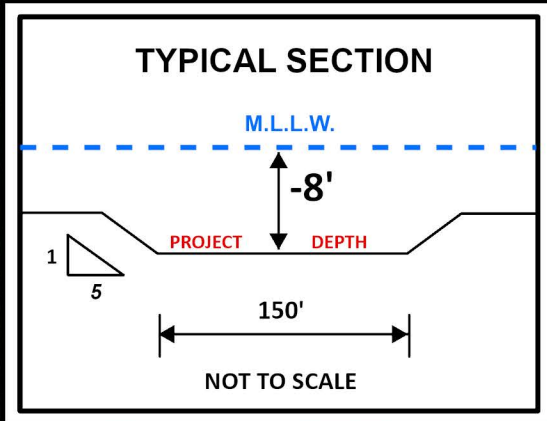
SURVEY DATE: 29-30 OCTOBER & 06 NOVEMBER 2024	SURVEYED BY: LMT, WJC, DJD
SURVEY DATE: 06 SEPTEMBER 2024	MAPPED BY: K7PDPSGD
MAP DATE: 08 NOVEMBER 2024	PROCESSED BY: K7PDPSGD
MAP SCALE: 1:3,600	
IMAGERY DATE: 29 AUGUST 2024	
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HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

Lockwoods Folly Inlet
& AIWW Crossing

OAK ISLAND, NORTH CAROLINA



LEGEND

Aids to Navigation

- Can
- Nun
- Danger Sign
- Green Daybeacon
- Red Daybeacon
- Junction Marker
- Green Light
- Red Light
- Green Lighted Buoy
- Red Lighted Buoy
- Mileboard

Elevation

- 4 and Shallower
- 6 - 4
- 7 - 6
- 8 - 7
- 10 - 8
- 12 - 10
- 14 - 12
- 15 - 14
- 15 and Deeper

Waypoints

- Waypoints
- Waypoint Lines
- Navigation Channel
- Placement Areas

WAYPOINTS

Survey Date	Project	DDM_X	DDM_Y
2024-09-09	Lockwoods Folly Inlet - Waypoint 1	078° 13.79873881' W	33° 54.47183912' N
2024-09-09	Lockwoods Folly Inlet - Waypoint 2	078° 13.90161485' W	33° 54.67011761' N
2024-09-09	Lockwoods Folly Inlet - Waypoint 3	078° 13.95395833' W	33° 54.72076614' N
2024-09-09	Lockwoods Folly Inlet - Waypoint 4	078° 14.13607771' W	33° 54.83464318' N
2024-09-09	Lockwoods Folly Inlet - Waypoint 5	078° 14.28561443' W	33° 54.98153728' N
2024-09-09	Lockwoods Folly Inlet - Waypoint 6	078° 14.25885419' W	33° 55.16259642' N
2024-09-06	Lockwoods Folly Inlet - Waypoint 7	078° 14.26368036' W	33° 55.22856516' N

1:3,600

300 150 0 300 600 900 1,200 Feet

NOTES:

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US Army Corps of Engineers
Wilmington District

NORTH CAROLINA

Lockwoods Folly Inlet

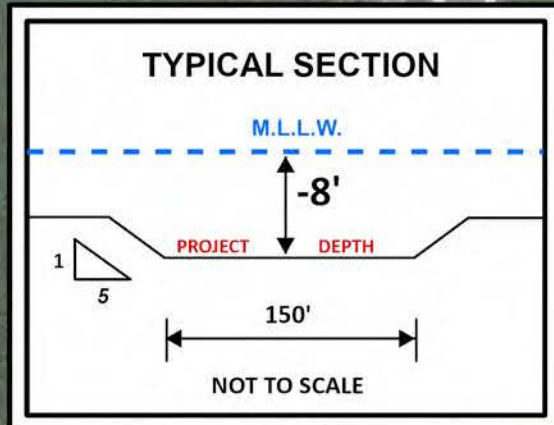
SURVEY DATE: 6 & 9 SEPTEMBER 2024	SURVEYED BY: LMT, DJD
MAP DATE: 12 SEPTEMBER 2024	MAPPED BY: KTOPNAGF
	PROCESSED BY: KTOPNAGF
MAP SCALE: 1:3,600	
IMAGERY DATE: 29 AUGUST 2024	
© 2024 MAXAR TECHNOLOGIES	MAP FILE NAME: IN_10_LFI_20240909_CS

HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

Lockwoods Folly Inlet & AIWW Crossing

OAK ISLAND, NORTH CAROLINA



Tangent 12

Tangent 11

Light 48A
Tide Gage

48A

47A

WAYPOINT 7

8

WAYPOINT 6

WAYPOINT 5

WAYPOINT 4

WAYPOINT 3

WAYPOINT 2

WAYPOINT 1

Tangent 10

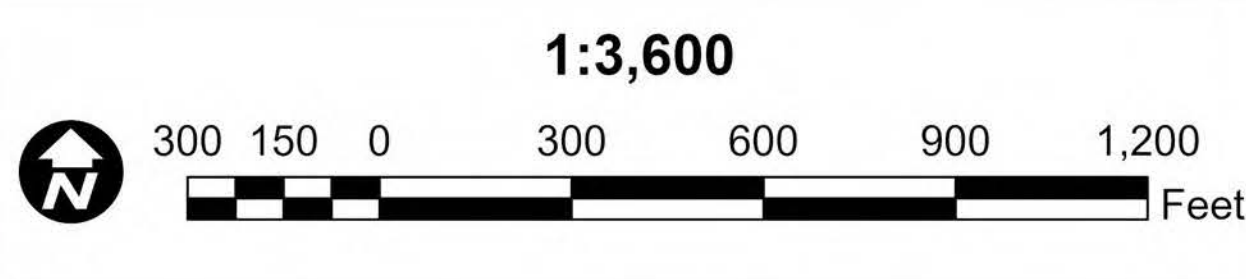
Sheep Island

Oak Island

Lockwoods Folly Inlet

Cape Fear Civil War
Shipwreck District

LEGEND	
Aids to Navigation	Elevation
Can	4 and Shallower
Nun	6 - 4
Danger Sign	7 - 6
Green Daybeacon	8 - 7
Red Daybeacon	10 - 8
Junction Marker	12 - 10
Green Light	14 - 12
Red Light	15 - 14
Green Lighted Buoy	15 and Deeper
Red Lighted Buoy	Waypoints
Mileboard	Waypoint Lines
	Navigation Channel
	Placement Areas



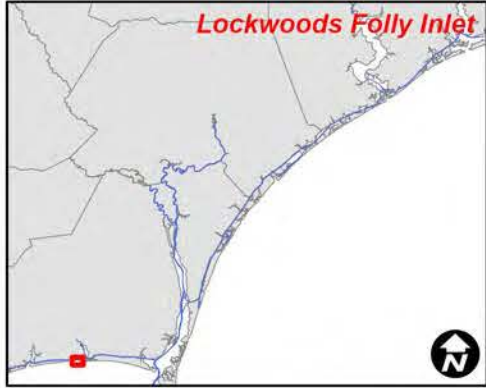
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WAYPOINTS			
Project	Date	DDM_X	DDM_Y
Lockwoods Folly Inlet - Waypoint 1	07-11-2024	078° 13.79873881' W	33° 54.47183912' N
Lockwoods Folly Inlet - Waypoint 2	07-11-2024	078° 13.88900360' W	33° 54.62920837' N
Lockwoods Folly Inlet - Waypoint 3	07-11-2024	078° 13.93814091' W	33° 54.69811080' N
Lockwoods Folly Inlet - Waypoint 4	07-11-2024	078° 14.16701394' W	33° 54.85502449' N
Lockwoods Folly Inlet - Waypoint 5	07-11-2024	078° 14.20919393' W	33° 54.90135778' N
Lockwoods Folly Inlet - Waypoint 6	07-11-2024	078° 14.28140169' W	33° 54.93826159' N
Lockwoods Folly Inlet - Waypoint 7	07-11-2024	078° 14.26368036' W	33° 55.22856516' N



US Army Corps
of Engineers
Wilmington District



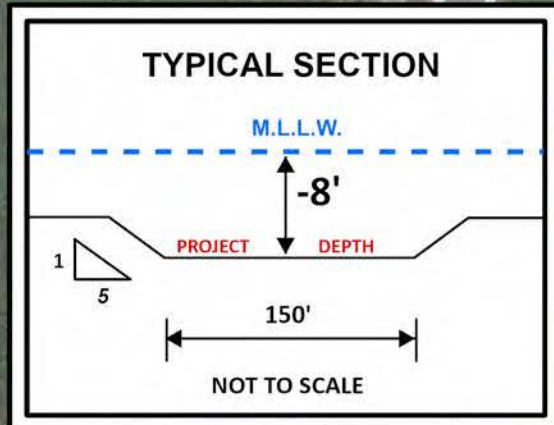
SURVEY DATE: 11 JULY 2024	SURVEYED BY: WJC, JBD
MAP DATE: 15 JULY 2024	MAPPED BY: K7OPNKMWS
	PROCESSED BY: K7OPNKMWS
MAP SCALE: 1:3,600	
IMAGERY DATE: 23 APRIL 2024	
© 2024 MAXAR TECHNOLOGIES	MAP FILE NAME: IN_10_LFI_20240711_CS

HYDROGRAPHIC SURVEY

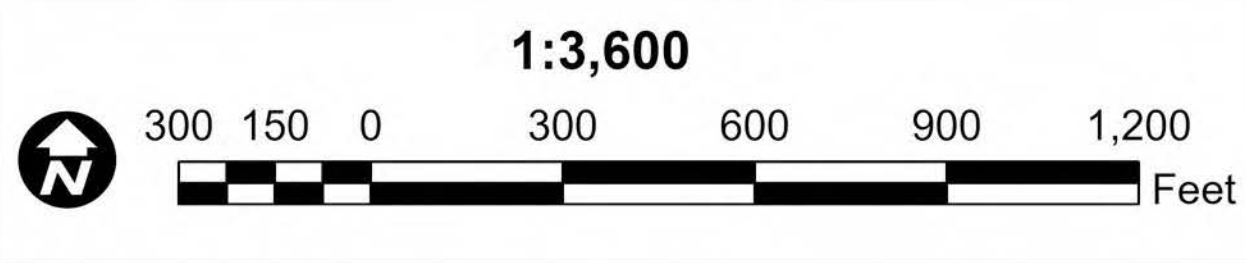
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

Lockwoods Folly Inlet
& AIWW Crossing

OAK ISLAND, NORTH CAROLINA

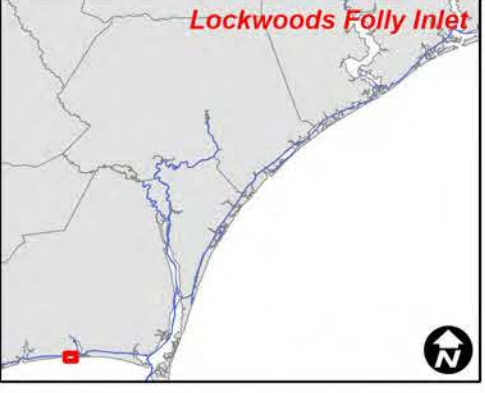
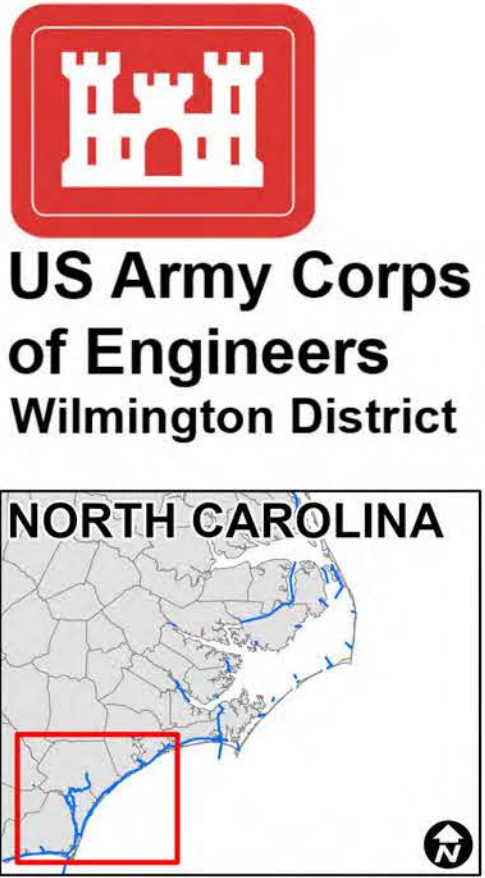


WAYPOINTS			
Project	Date	DDM_X	DDM_Y
Waypoint 1	6-17-2024	078° 13.83604274' W	33° 54.50968218' N
Waypoint 2	6-17-2024	078° 13.94968801' W	33° 54.69983621' N
Waypoint 3	6-17-2024	078° 14.28584392' W	33° 54.95682145' N
Waypoint 4	5-14-2024	078° 14.25098492' W	33° 55.23783278' N



NOTES:

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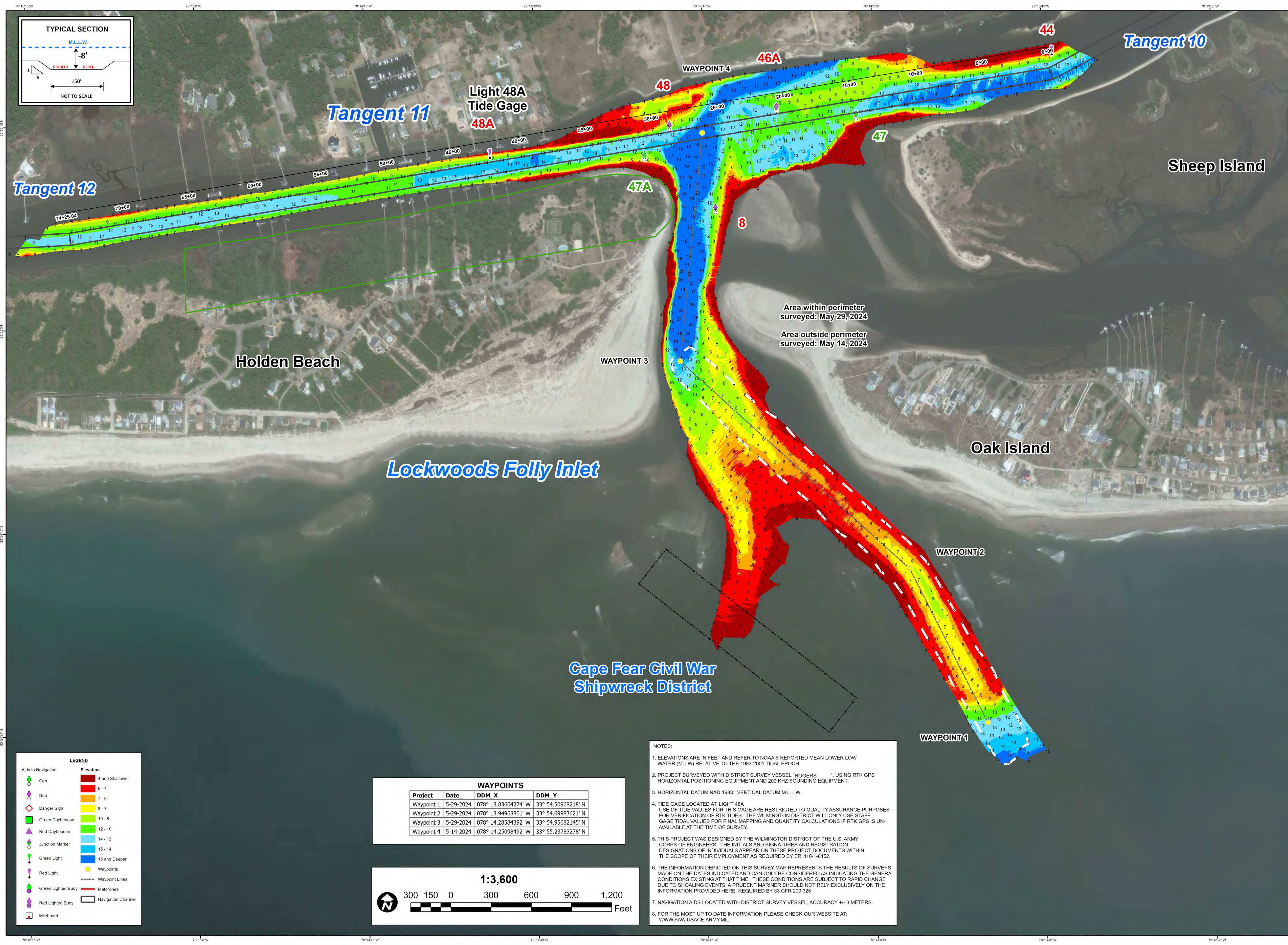
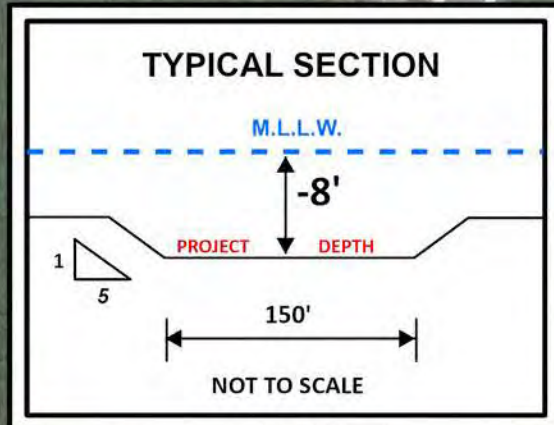
SURVEY DATE: 14-16 MAY & 17 JUNE 2024	SURVEYED BY: DJD.LMT
MAP DATE: 18 JUNE 2024	MAPPED BY: K7OPNDJM
	PROCESSED BY: K7OPNJRA
MAP SCALE: 1:3,600	
IMAGERY DATE: 23 APRIL 2024	
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HYDROGRAPHIC SURVEY

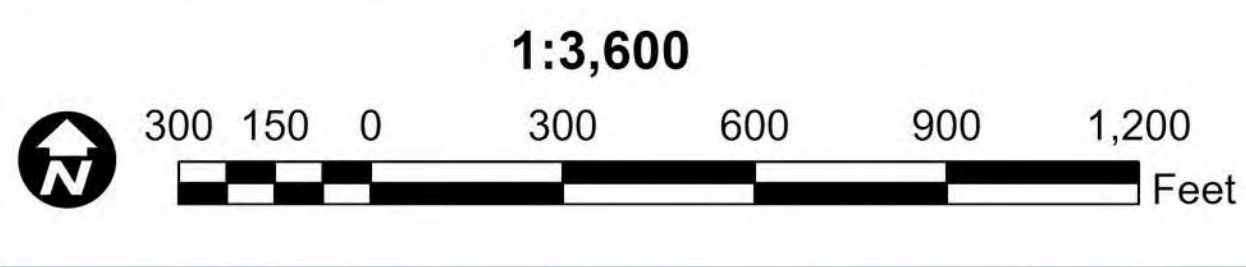
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

**Lockwoods Folly Inlet
& AIWW Crossing**

OAK ISLAND, NORTH CAROLINA



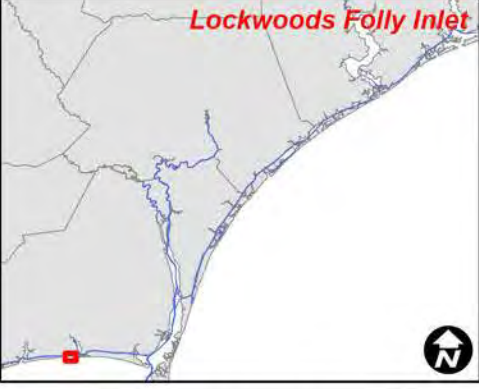
WAYPOINTS			
Project	Date	DDM_X	DDM_Y
Waypoint 1	5-29-2024	078° 13.83604274' W	33° 54.50968218' N
Waypoint 2	5-29-2024	078° 13.94968801' W	33° 54.69983621' N
Waypoint 3	5-29-2024	078° 14.28584392' W	33° 54.95682145' N
Waypoint 4	5-14-2024	078° 14.25098492' W	33° 55.23783278' N



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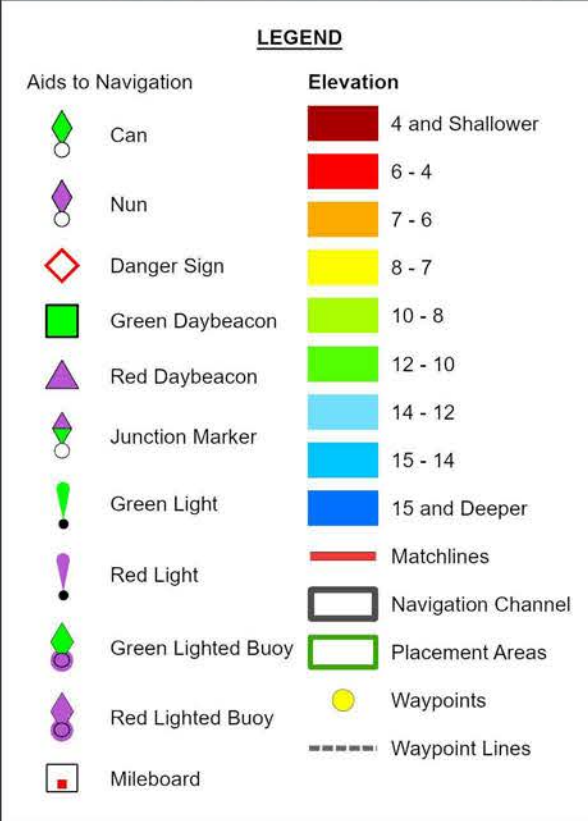
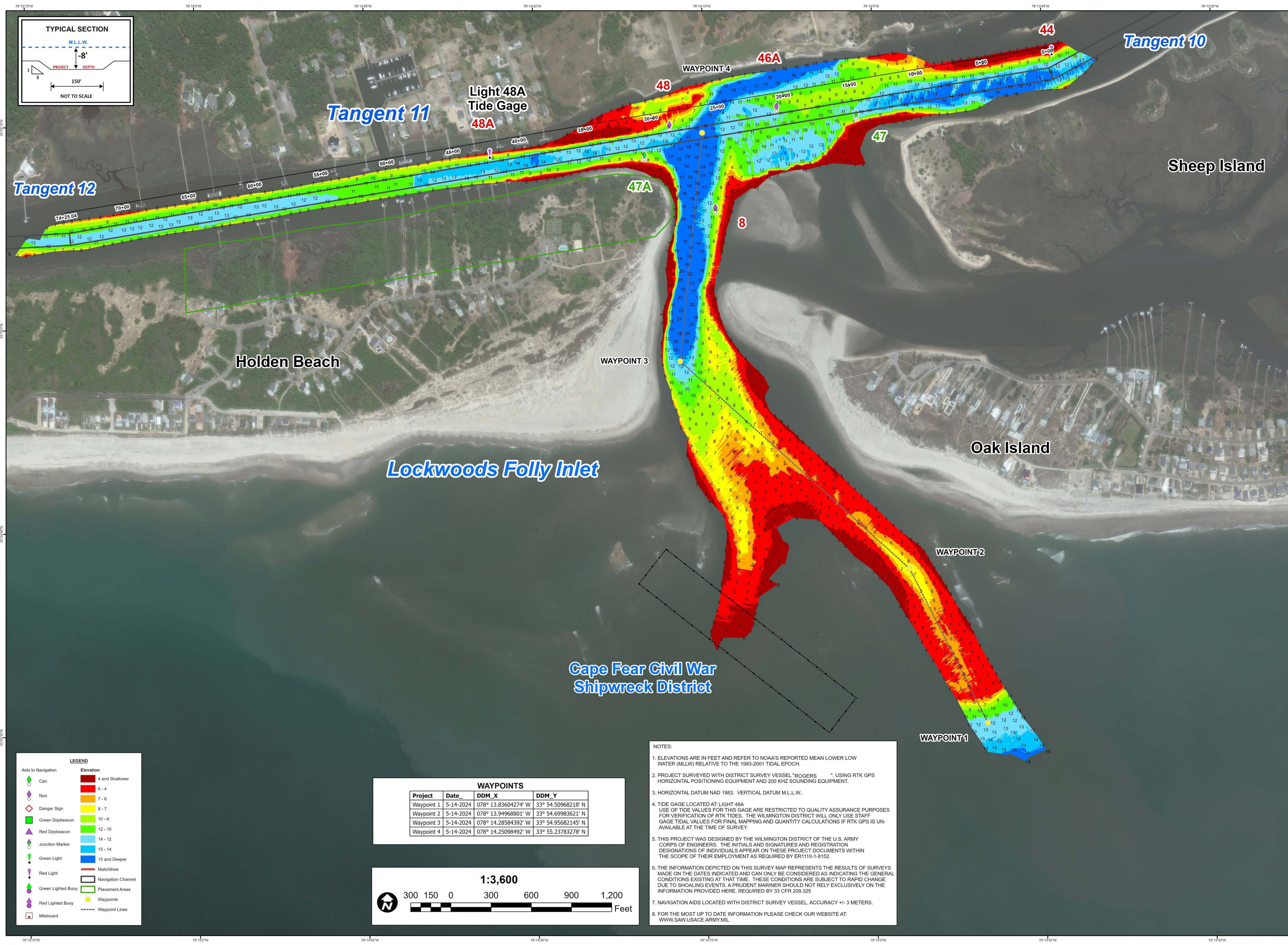
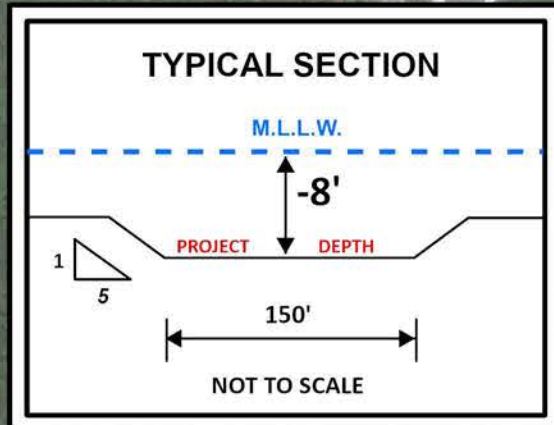
SURVEY DATE: 14-16 & 29 MAY 2024	SURVEYED BY: DJD.LMT
MAP DATE: 30 MAY 2024	MAPPED BY: K7OPNDJM
	PROCESSED BY: K7OPNJRA
MAP SCALE: 1:3,600	
IMAGERY DATE: 23 APRIL 2024	
© 2024 MAXAR TECHNOLOGIES	MAP FILE NAME: IN_10_LFI_20240529_OT

HYDROGRAPHIC SURVEY

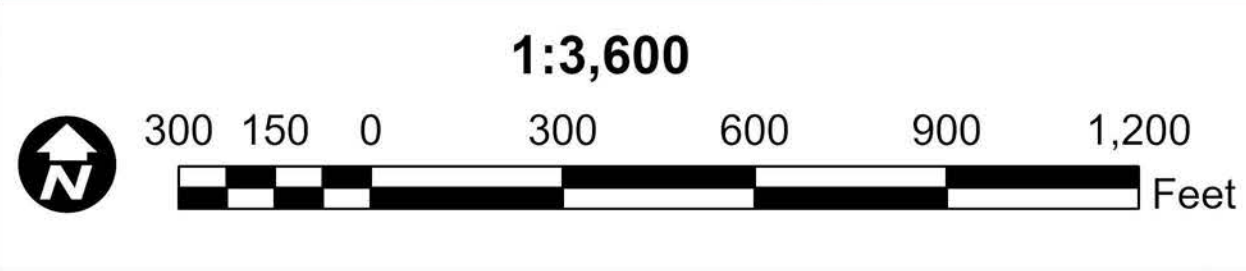
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

Lockwoods Folly Inlet
& AIWW Crossing

OAK ISLAND, NORTH CAROLINA

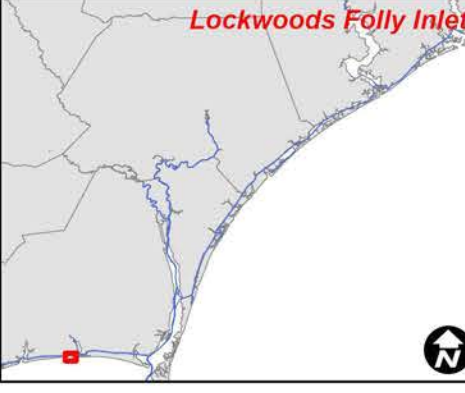


WAYPOINTS			
Project	Date	DDM_X	DDM_Y
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Waypoint 2	5-14-2024	078° 13.94968801' W	33° 54.69983621' N
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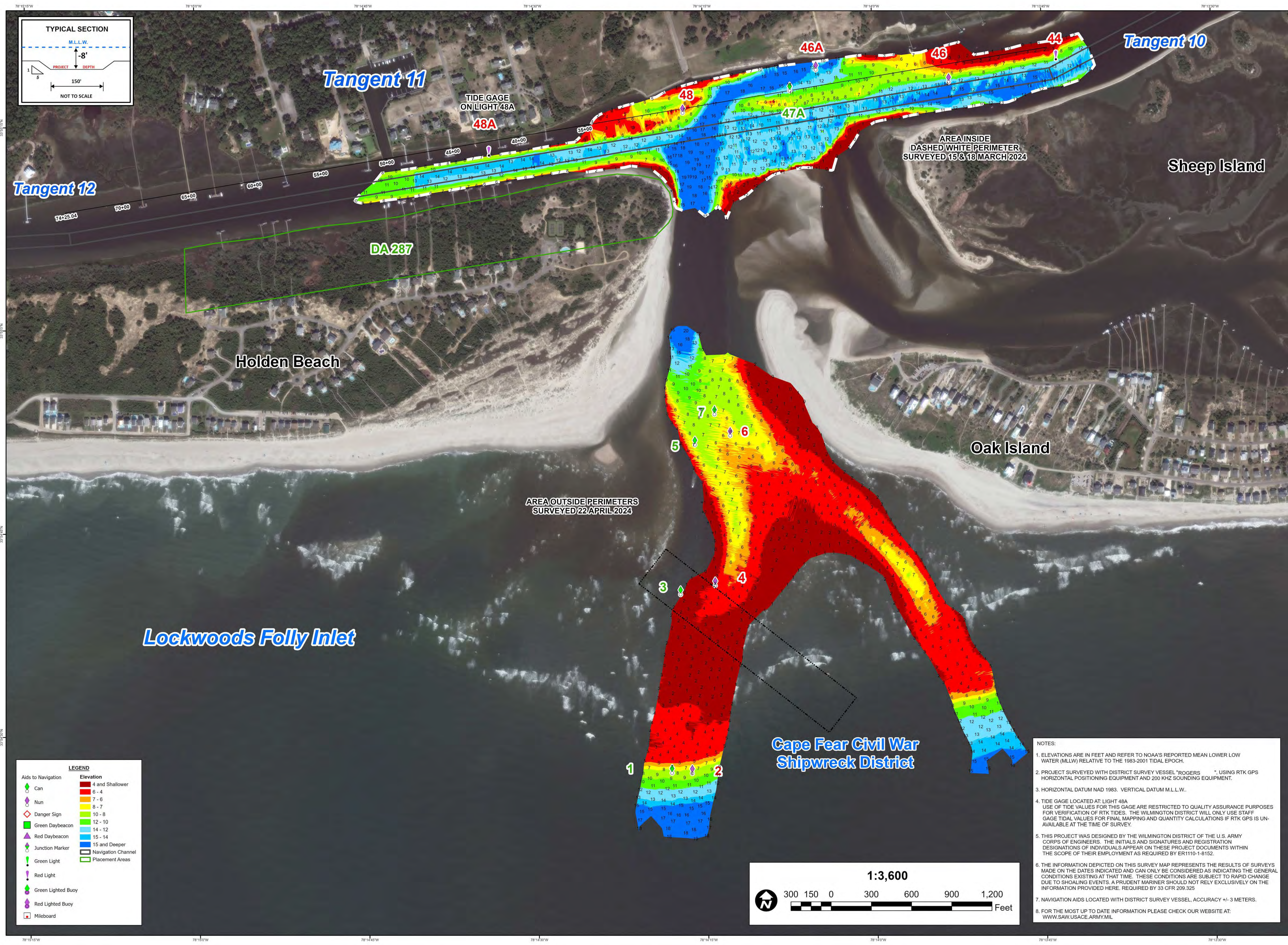
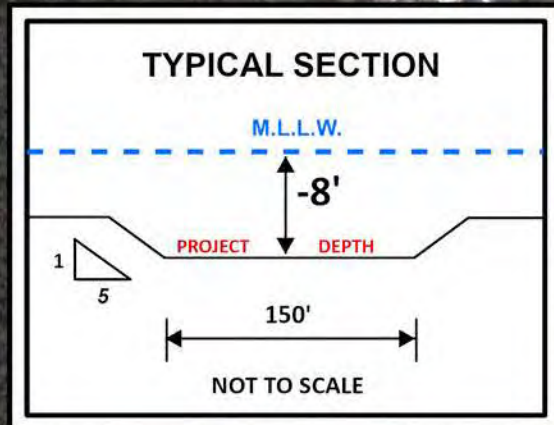
SURVEY DATE: 22 APRIL, 14-16 MAY 2024	SURVEYED BY: DJD.LMT
MAP DATE: 17 MAY 2024	MAPPED BY: K7OPNJRA
	PROCESSED BY: K7OPNJRA
MAP SCALE: 1:3,600	
IMAGERY DATE: 23 APRIL 2024	
© 2024 MAXAR TECHNOLOGIES	MAP FILE NAME: IN_10_LFI_20240514_BD

HYDROGRAPHIC SURVEY

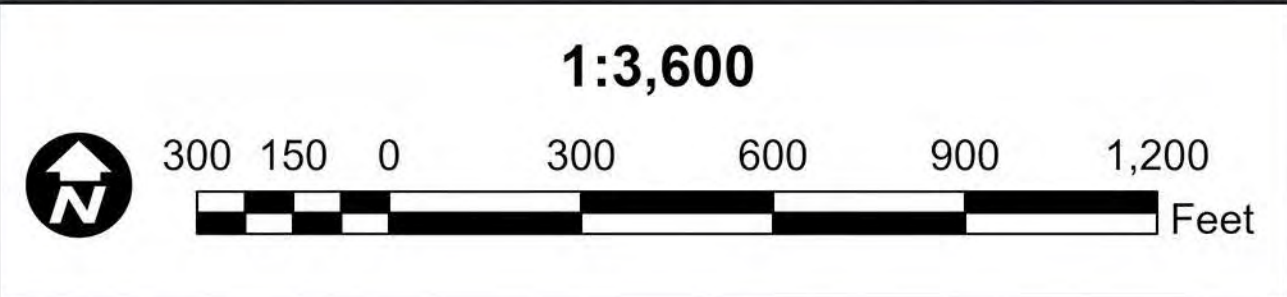
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

**Lockwoods Folly Inlet
& AIWW Crossing**

OAK ISLAND, NORTH CAROLINA



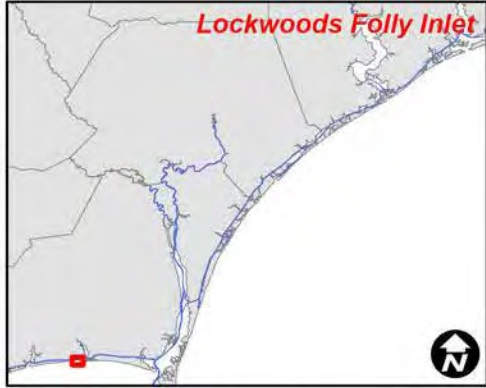
LEGEND	
Aids to Navigation	Elevation
Can	4 and Shallower
Nun	6 - 4
Danger Sign	7 - 6
Green Daybeacon	8 - 7
Red Daybeacon	10 - 8
Junction Marker	12 - 10
Green Light	14 - 12
Red Light	15 - 14
Green Lighted Buoy	15 and Deeper
Red Lighted Buoy	Navigation Channel
Mileboard	Placement Areas



- NOTES:**
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 - PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "ROGERS", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
 - HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
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 - NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL. ACCURACY +/- 3 METERS.
 - FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: WWW.SAW.USACE.ARMY.MIL


US Army Corps of Engineers
Wilmington District

NORTH CAROLINA



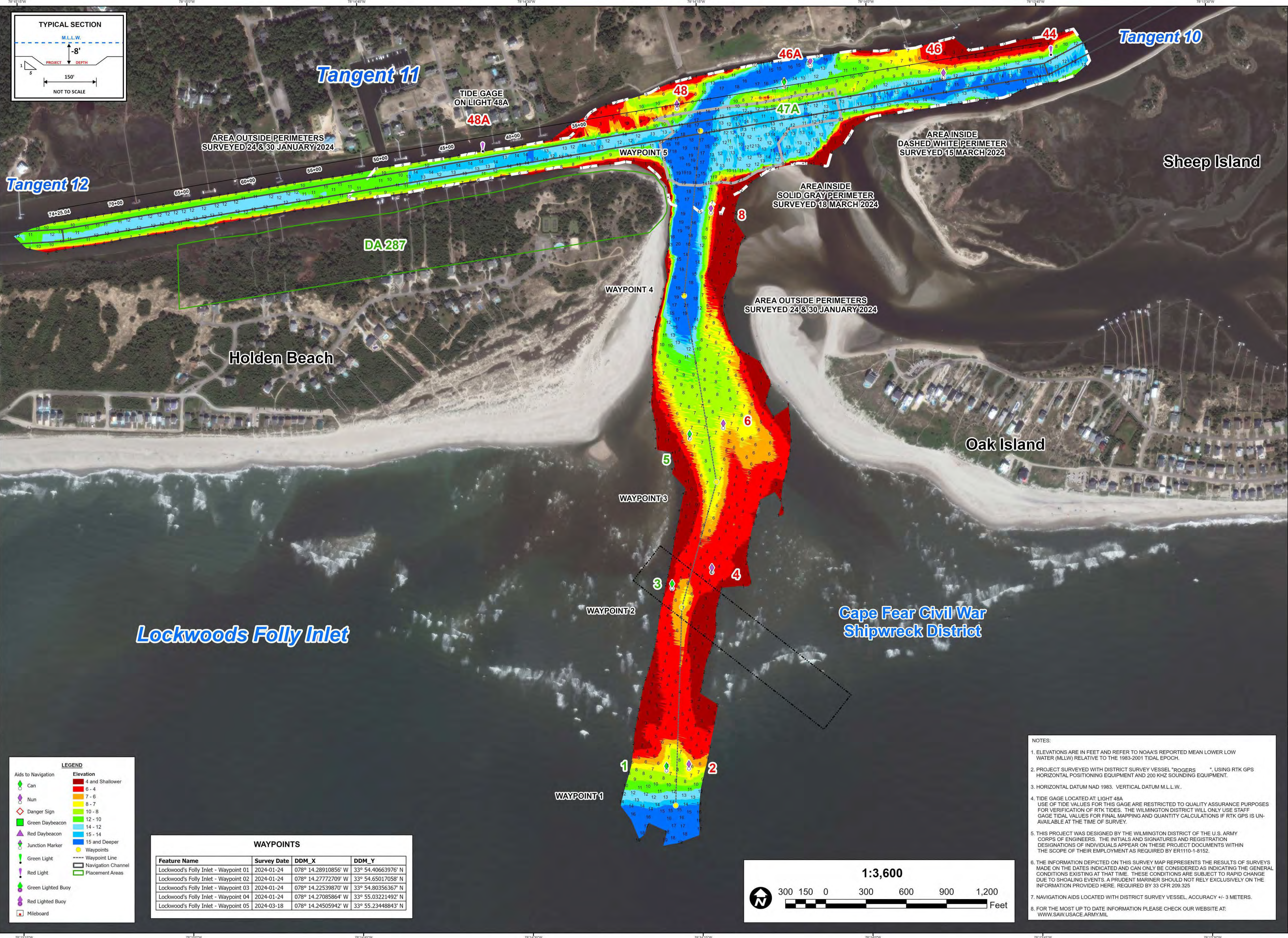
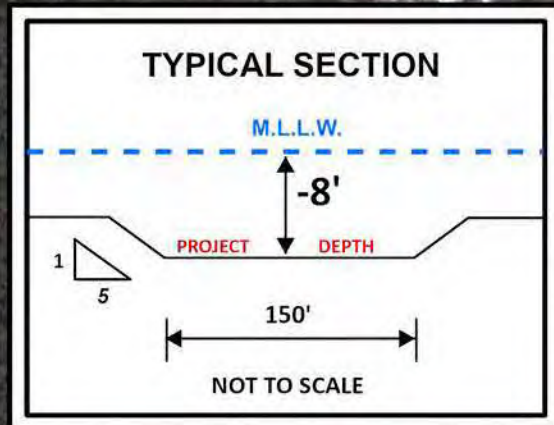
SURVEY DATE: 15 & 18 MARCH; 22 APRIL 2024	SURVEYED BY: LMT, DJD
MAP DATE: 23 APRIL 2024	MAPPED BY: K7OPNDJM
	PROCESSED BY: K7OPNDJM
MAP SCALE: 1:3,600	
IMAGERY DATE: 25 SEPTEMBER 2023	
© 2023 MAXAR TECHNOLOGIES	MAP FILE NAME: IN_10_LFI_20240422_CS

HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

**Lockwoods Folly Inlet
& AIWW Crossing**

OAK ISLAND, NORTH CAROLINA



LEGEND

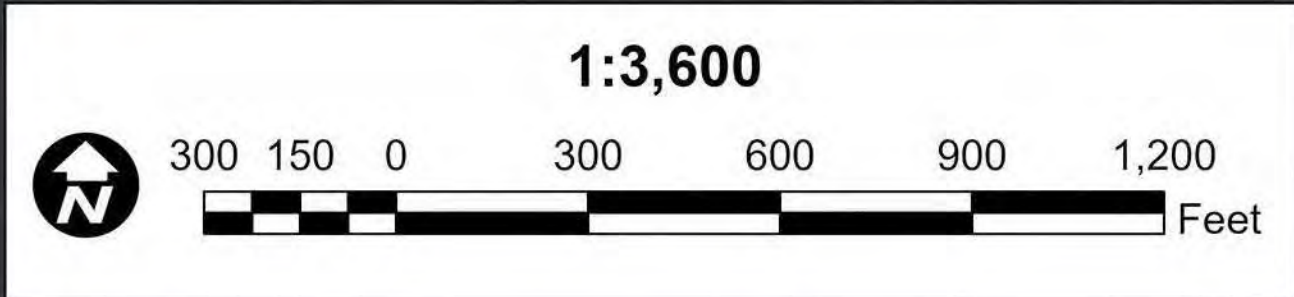
Aids to Navigation

- Can
- Nun
- Danger Sign
- Green Daybeacon
- Red Daybeacon
- Junction Marker
- Green Light
- Red Light
- Green Lighted Buoy
- Red Lighted Buoy
- Mileboard

Elevation

- 4 and Shallower
- 6 - 4
- 7 - 6
- 8 - 7
- 10 - 8
- 12 - 10
- 14 - 12
- 15 - 14
- 15 and Deeper
- Waypoints
- Waypoint Line
- Navigation Channel
- Placement Areas

WAYPOINTS			
Feature Name	Survey Date	DDM_X	DDM_Y
Lockwood's Folly Inlet - Waypoint 01	2024-01-24	078° 14.28910856' W	33° 54.40663976' N
Lockwood's Folly Inlet - Waypoint 02	2024-01-24	078° 14.27772709' W	33° 54.65017058' N
Lockwood's Folly Inlet - Waypoint 03	2024-01-24	078° 14.22539870' W	33° 54.80356367' N
Lockwood's Folly Inlet - Waypoint 04	2024-01-24	078° 14.27085864' W	33° 55.03221492' N
Lockwood's Folly Inlet - Waypoint 05	2024-03-18	078° 14.24505942' W	33° 55.23448843' N



NOTES:

- ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
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US Army Corps of Engineers
Wilmington District

NORTH CAROLINA

Lockwoods Folly Inlet

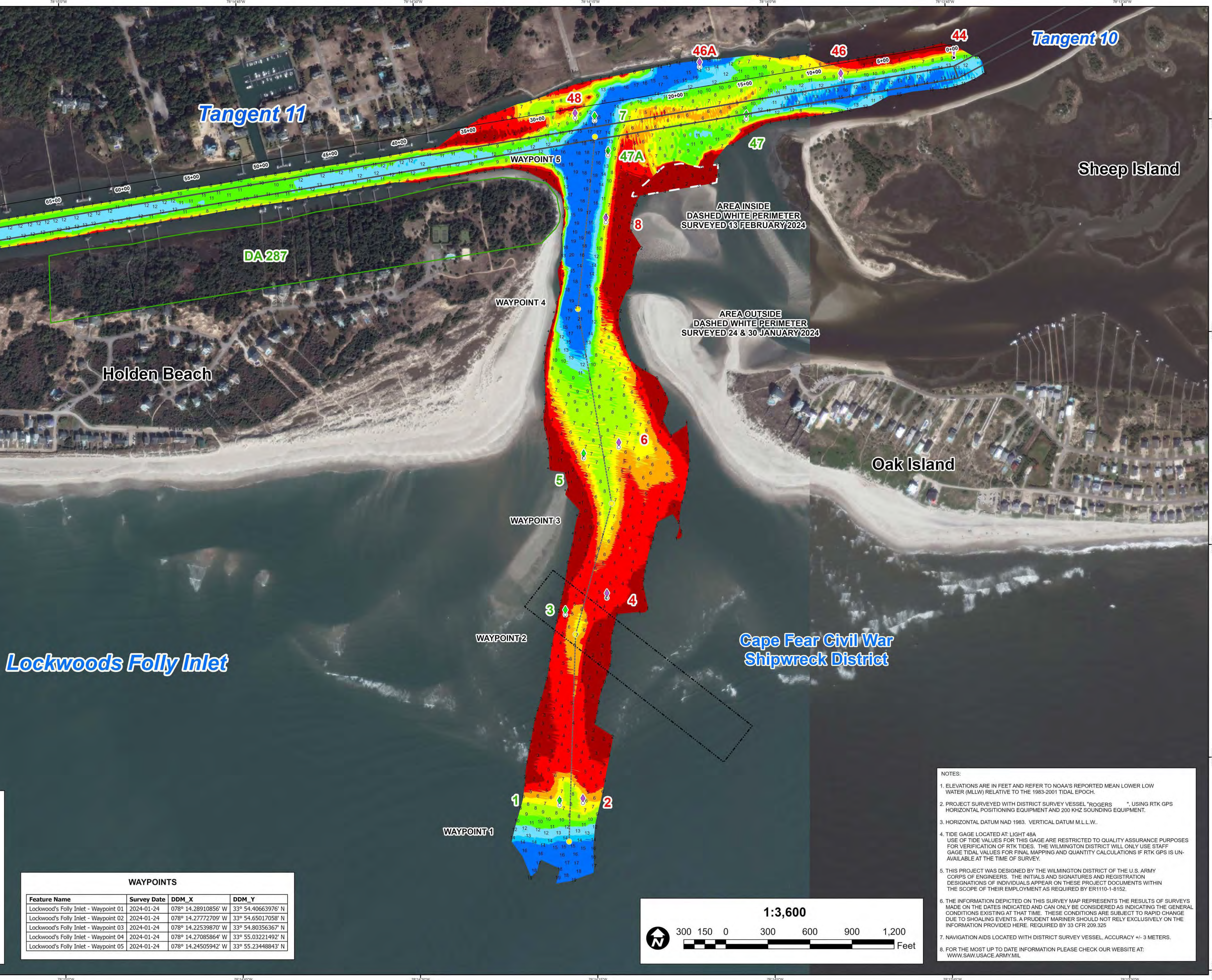
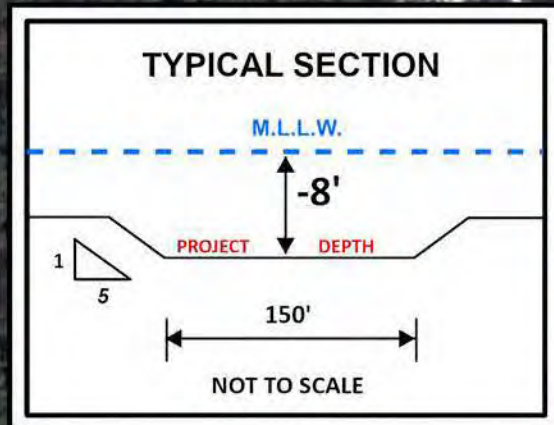
SURVEY DATE: 24 & 30 JANUARY; 15 & 18 MARCH 2024	SURVEYED BY: LMT, DJD
MAP DATE: 19 MARCH 2024	MAPPED BY: KTOPNDJM
	PROCESSED BY: KTOPNDJM
MAP SCALE: 1:3,600	
IMAGERY DATE: 25 SEPTEMBER 2023	
© 2023 MAXAR TECHNOLOGIES	MAP FILE NAME: IN_10_LFI_20240318_AD

HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

**Lockwoods Folly Inlet
& AIWW Crossing**

OAK ISLAND, NORTH CAROLINA



LEGEND

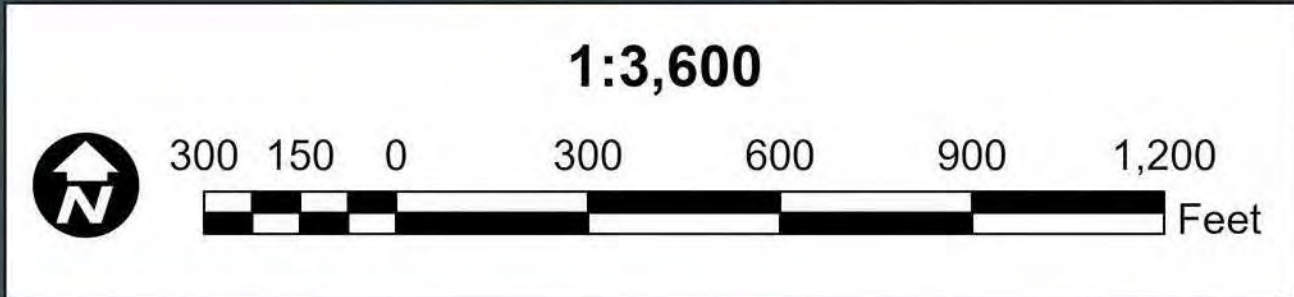
Aids to Navigation

- Can
- Nun
- Danger Sign
- Green Daybeacon
- Red Daybeacon
- Junction Marker
- Green Light
- Red Light
- Green Lighted Buoy
- Red Lighted Buoy
- Mileboard

Elevation

- 4 and Shallower
- 6 - 4
- 7 - 6
- 8 - 7
- 10 - 8
- 12 - 10
- 14 - 12
- 15 - 14
- 15 and Deeper
- Waypoints
- Waypoint_Line
- Navigation Channel
- Placement Areas

WAYPOINTS			
Feature Name	Survey Date	DDM_X	DDM_Y
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Lockwood's Folly Inlet - Waypoint 03	2024-01-24	078° 14.22539870' W	33° 54.80356367' N
Lockwood's Folly Inlet - Waypoint 04	2024-01-24	078° 14.27085864' W	33° 55.03221492' N
Lockwood's Folly Inlet - Waypoint 05	2024-01-24	078° 14.24505942' W	33° 55.23448843' N



NOTES:

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US Army Corps of Engineers
Wilmington District

NORTH CAROLINA



Lockwoods Folly Inlet



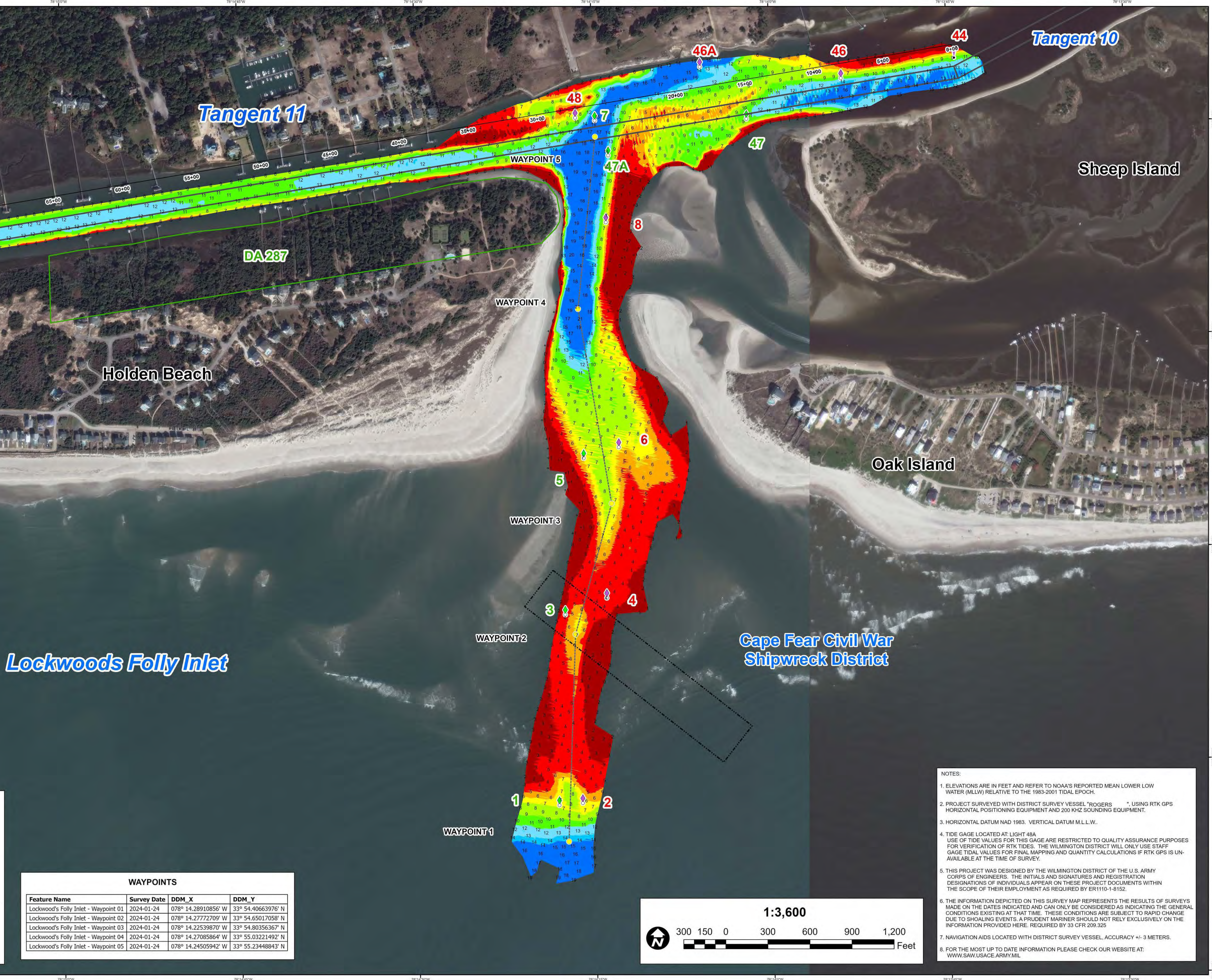
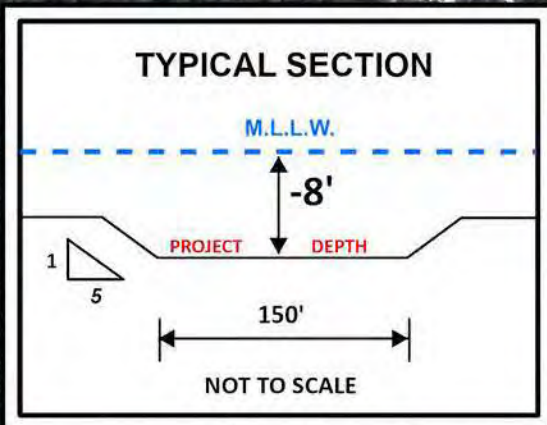
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MAP DATE: 14 FEBRUARY 2024	MAPPED BY: KTOPNAGF
	PROCESSED BY: KTOPNDJIM
MAP SCALE: 1:3,600	
IMAGERY DATE: 25 SEPTEMBER & 25 NOVEMBER 2023	
© 2023 MAXAR TECHNOLOGIES	MAP FILE NAME: IN_10_LFI_20240213_BD

HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

**Lockwoods Folly Inlet
& AIWW Crossing**

OAK ISLAND, NORTH CAROLINA



LEGEND

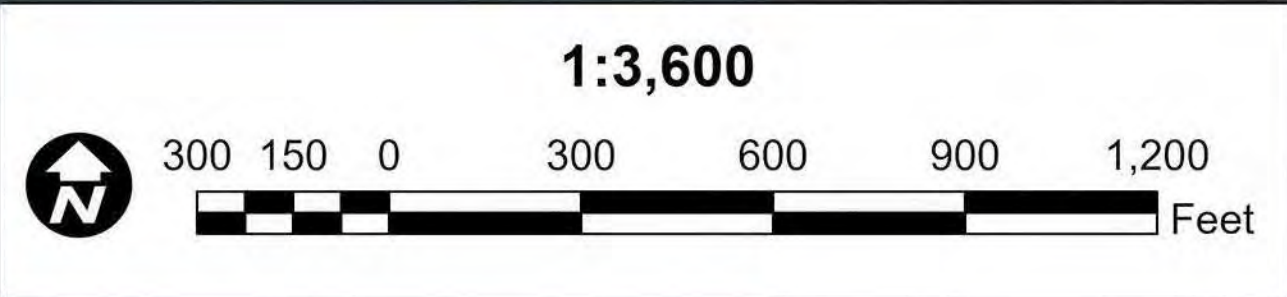
Aids to Navigation

- Can
- Nun
- Danger Sign
- Green Daybeacon
- Red Daybeacon
- Junction Marker
- Green Light
- Red Light
- Green Lighted Buoy
- Red Lighted Buoy
- Mileboard

Elevation

- 4 and Shallower
- 6 - 4
- 7 - 6
- 8 - 7
- 10 - 8
- 12 - 10
- 14 - 12
- 15 - 14
- 15 and Deeper
- Waypoints
- Waypoint_Line
- Navigation Channel
- Placement Areas

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Feature Name	Survey Date	DDM_X	DDM_Y
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US Army Corps of Engineers
Wilmington District

NORTH CAROLINA

Lockwoods Folly Inlet

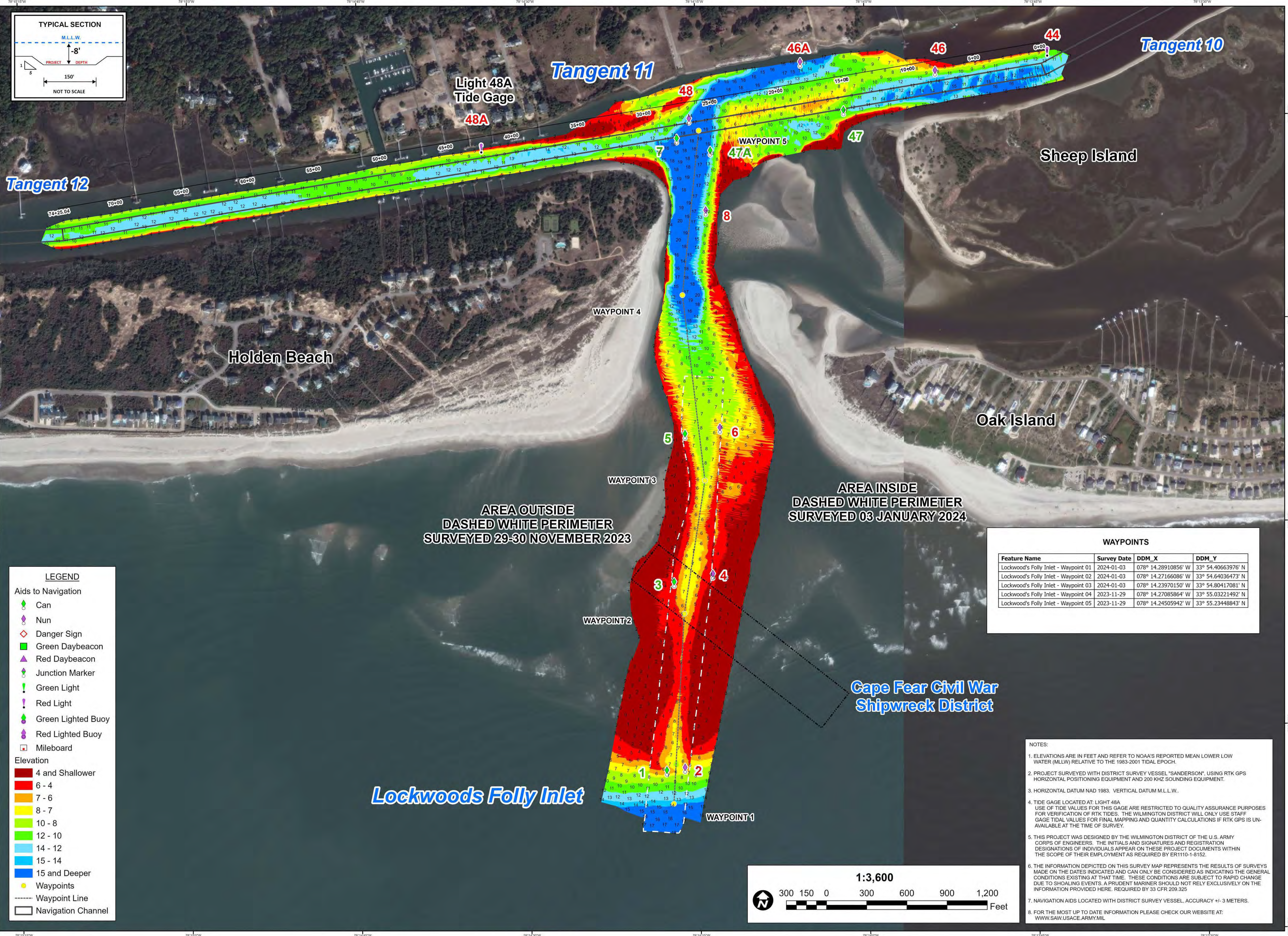
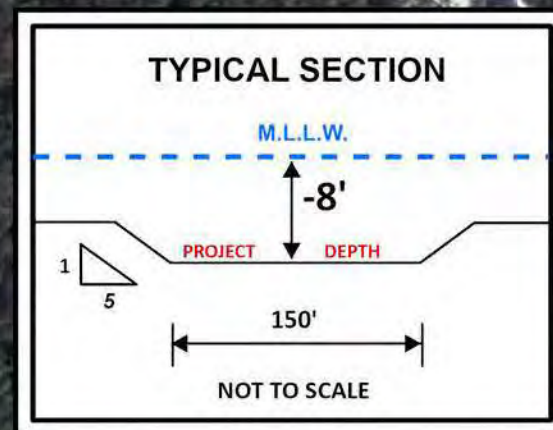
SURVEY DATE: 24 & 30 JANUARY 2024	SURVEYED BY: LMT, DJD
MAP DATE: 31 JANUARY 2024	MAPPED BY: K7OPNDJM
	PROCESSED BY: K7OPNDJM
MAP SCALE: 1:3,600	
IMAGERY DATE: 25 SEPTEMBER & 25 NOVEMBER 2023	
© 2023 MAXAR TECHNOLOGIES	MAP FILE NAME: IN_10_LFI_20240124_CS

HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

**Lockwoods Folly Inlet
& AIWW Crossing**

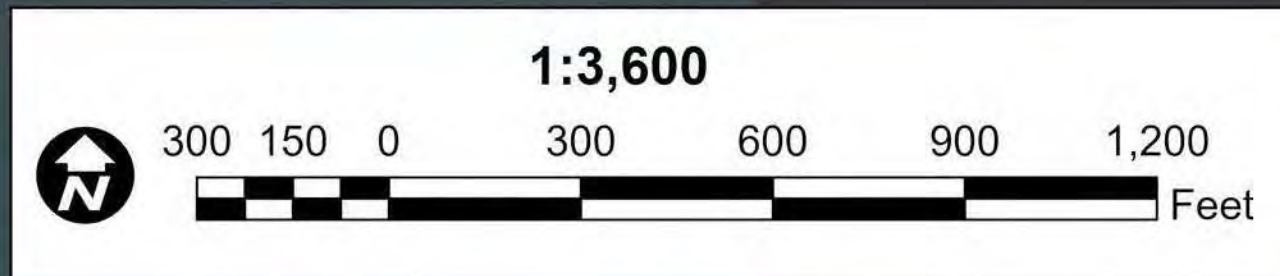
OAK ISLAND, NORTH CAROLINA



- LEGEND**
- Aids to Navigation**
- Can
 - Nun
 - Danger Sign
 - Green Daybeacon
 - Red Daybeacon
 - Junction Marker
 - Green Light
 - Red Light
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 - Red Lighted Buoy
 - Mileboard
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US Army Corps of Engineers
Wilmington District

NORTH CAROLINA

Lockwoods Folly Inlet

SURVEY DATE: 29-30 NOVEMBER 2023 & 03 JANUARY 2024	SURVEYED BY: JBD, LMT, WJC, TDM
MAP DATE: 04 JANUARY 2024	MAPPED BY: KTOPNAGF
MAP SCALE: 1:3,600	PROCESSED BY: KTOPNDJM, KTOPNAGF
IMAGERY DATE: 25 SEPTEMBER & 25 NOVEMBER 2023	
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HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

**Lockwoods Folly Inlet
& AIWW Crossing**

OAK ISLAND, NORTH CAROLINA