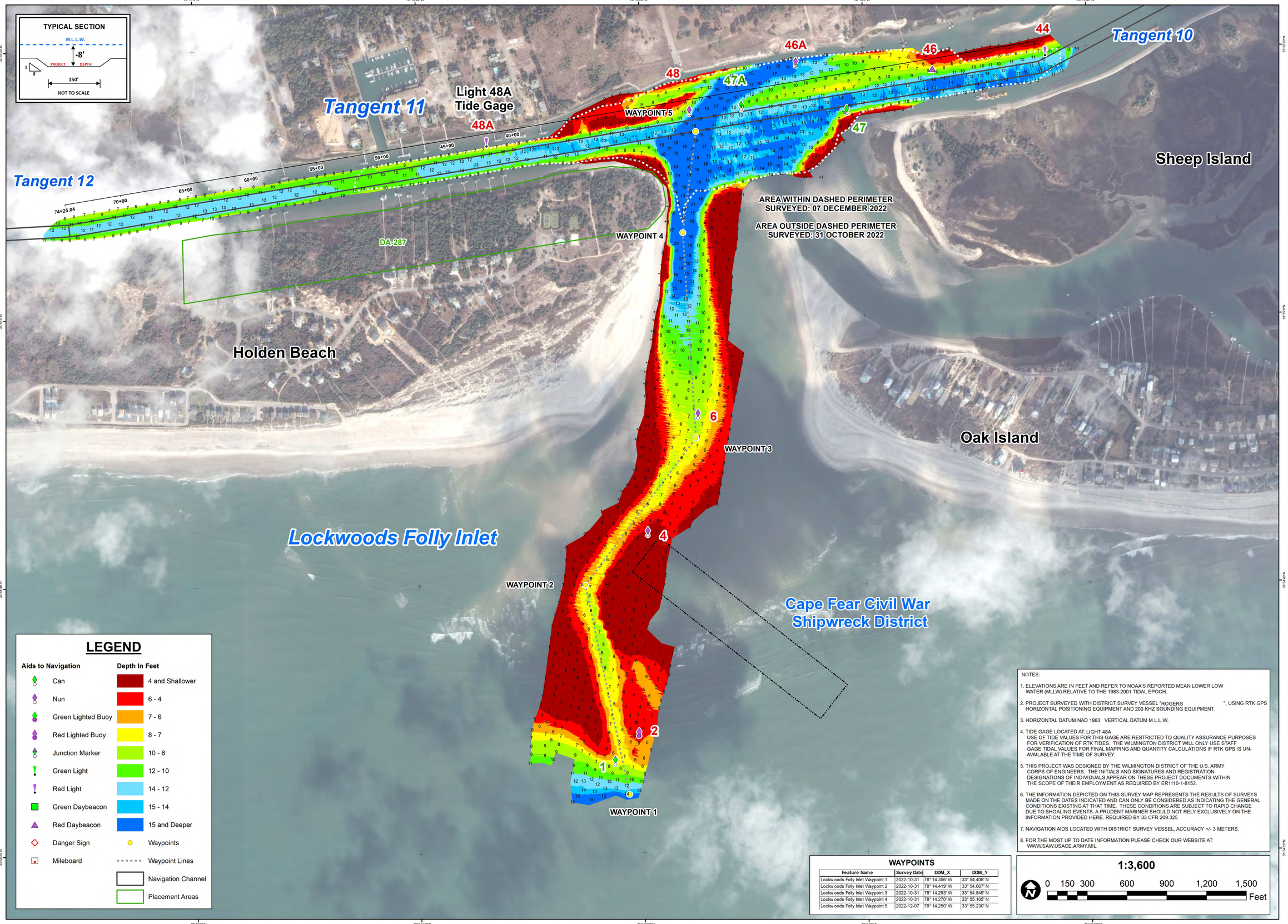


LEGEND

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

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "ROGERS ", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
4. TIDE GAGE LOCATED AT: LIGHT 48A
   USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UN-AVAILABLE AT THE TIME OF SURVEY.
5. THIS PROJECT WAS DESIGNED BY THE WILMINGTON 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.
6. 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
7. NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL, ACCURACY +/- 3 METERS.
8. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: WWW.SAW.USACE.ARMY.MIL

WAYPOINTS

Feature Name	Survey Date	DDM_X	DDM_Y
Lockw oods Folly Inlet Waypoint 1	2022-10-31	78° 14.356' W	33° 54.406' N
Lockw oods Folly Inlet Waypoint 2	2022-10-31	78° 14.419' W	33° 54.667' N
Lockw oods Folly Inlet Waypoint 3	2022-10-31	78° 14.253' W	33° 54.849' N
Lockw oods Folly Inlet Waypoint 4	2022-10-31	78° 14.270' W	33° 55.105' N
Lockw oods Folly Inlet Waypoint 5	2022-12-07	78° 14.250' W	33° 55.230' N

1:3,600

0 150 300 600 900 1,200 1,500 Feet

US Army Corps of Engineers
Wilmington District

NORTH CAROLINA

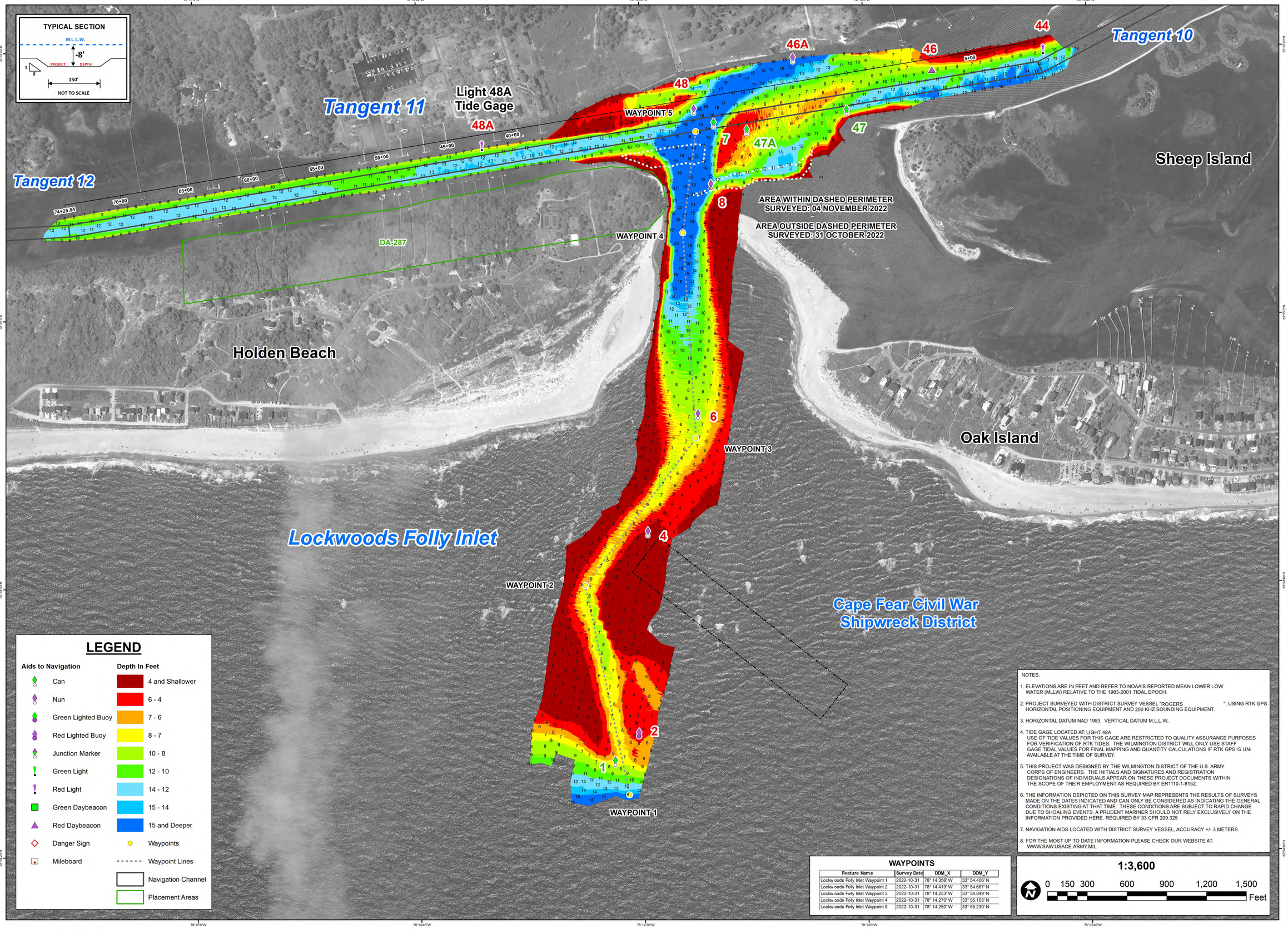
Lockwoods Folly Inlet

SURVEYED BY: LMT, DJD, MAS, JBD	
MAPPED BY: K7OPNLAC	
PROCESSED BY: K7OPNLAC	
MAP FILE NAME: IN_10_LFI_20221207_AD	
SURVEY DATE: 31 OCTOBER & 07 DECEMBER 2022	
MAP DATE: 08 DECEMBER 2022	
MAP SCALE: 1:3,600	
IMAGERY DATE: 04 DECEMBER 2022	
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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	Depth In Feet
Can	4 and Shallower
Nun	6 - 4
Green Lighted Buoy	7 - 6
Red Lighted Buoy	8 - 7
Junction Marker	10 - 8
Green Light	12 - 10
Red Light	14 - 12
Green Daybeacon	15 - 14
Red Daybeacon	15 and Deeper
Danger Sign	Waypoints
Mileboard	Waypoint Lines
	Navigation Channel
	Placement Areas

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "ROGERS ", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
4. TIDE GAGE LOCATED AT: LIGHT 48A
   USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UN-AVAILABLE AT THE TIME OF SURVEY.
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WAYPOINTS

Feature Name	Survey Date	DDM_X	DDM_Y
Lockw oods Folly Inlet Waypoint 1	2022-10-31	78° 14.356' W	33° 54.406' N
Lockw oods Folly Inlet Waypoint 2	2022-10-31	78° 14.419' W	33° 54.667' N
Lockw oods Folly Inlet Waypoint 3	2022-10-31	78° 14.253' W	33° 54.849' N
Lockw oods Folly Inlet Waypoint 4	2022-10-31	78° 14.270' W	33° 55.105' N
Lockw oods Folly Inlet Waypoint 5	2022-10-31	78° 14.250' W	33° 55.230' N

1:3,600

0 150 300 600 900 1,200 1,500 Feet

US Army Corps of Engineers
Wilmington District

NORTH CAROLINA



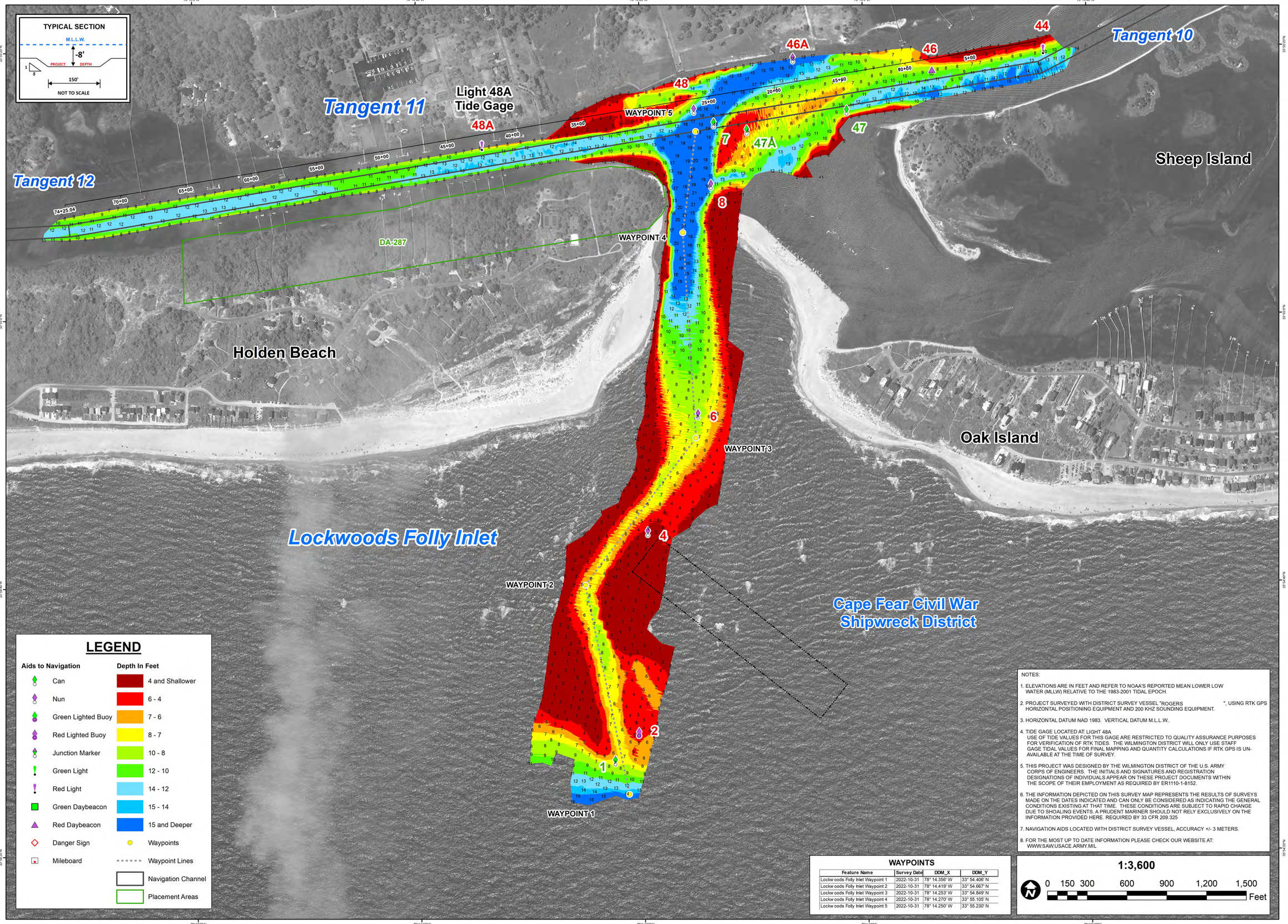


SURVEYED BY: LMT, DJD, MAS, JBD
MAPPED BY: K7OPNLAC
PROCESSED BY: K7OPNLAC
MAP FILE NAME: IN_10_LFI_20221104_BD
SURVEY DATE: 31 OCTOBER & 04 NOVEMBER 2022
MAP DATE: 04 NOVEMBER 2022
MAP SCALE: 1:3,600
IMAGERY DATE: 07 JULY 2022
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HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

Lockwoods Folly Inlet & AIWW Crossing

OAK ISLAND, NORTH CAROLINA



LEGEND

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

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "ROGERS *", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
4. TIDE GAGE LOCATED AT: LIGHT 48A
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WAYPOINTS

Feature Name	Survey Date	DDM_X	DDM_Y
Lockw oods Folly Inlet Waypoint 1	2022-10-31	78° 14.356' W	33° 54.406' N
Lockw oods Folly Inlet Waypoint 2	2022-10-31	78° 14.419' W	33° 54.667' N
Lockw oods Folly Inlet Waypoint 3	2022-10-31	78° 14.253' W	33° 54.849' N
Lockw oods Folly Inlet Waypoint 4	2022-10-31	78° 14.270' W	33° 55.105' N
Lockw oods Folly Inlet Waypoint 5	2022-10-31	78° 14.250' W	33° 55.230' N

1:3,600

0 150 300 600 900 1,200 1,500 Feet

US Army Corps of Engineers
Wilmington District

NORTH CAROLINA

Lockwoods Folly Inlet

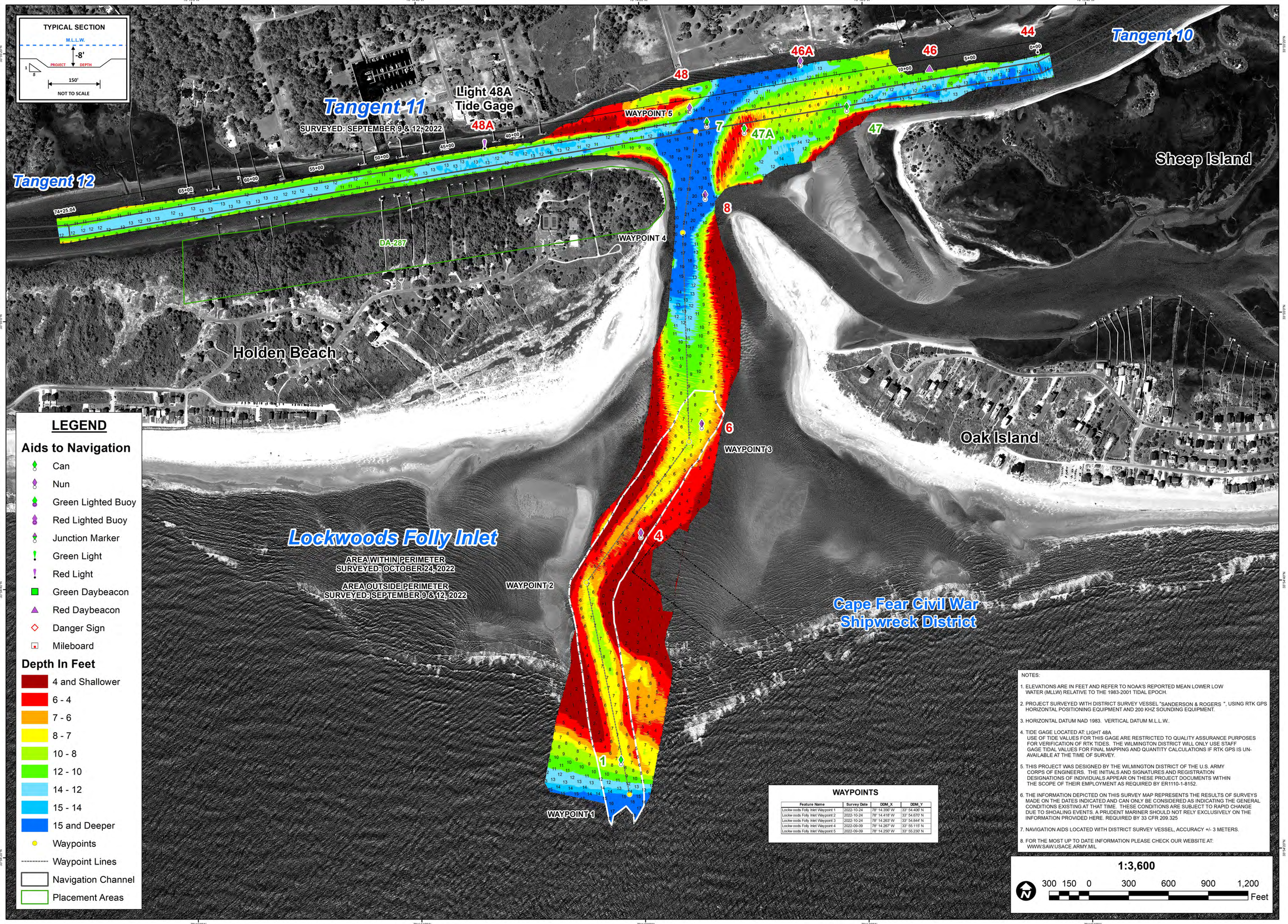
SURVEYED BY: LMT, DJD	
MAPPED BY: K7OPNLAC	
PROCESSED BY: K7OPNLAC	
MAP SCALE: 1:3,600	
IMAGERY DATE: 07 JULY 2022	
SURVEY DATE: 31 OCTOBER 2022	
MAP DATE: 01 NOVEMBER 2022	
MAP FILE NAME: IN_10_LFI_20221031_BD	

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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



NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "SANDERSON & ROGERS ", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
4. TIDE GAGE LOCATED AT: LIGHT 48A
   USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UN-AVAILABLE AT THE TIME OF SURVEY.
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8. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: WWW.SAW.USACE.ARMY.MIL

WAYPOINTS

Feature Name	Survey Date	DDM_X	DDM_Y
Lockwoods Folly Inlet Waypoint 1	2022-10-24	78° 14.356' W	33° 54.406' N
Lockwoods Folly Inlet Waypoint 2	2022-10-24	78° 14.418' W	33° 54.670' N
Lockwoods Folly Inlet Waypoint 3	2022-10-24	78° 14.263' W	33° 54.844' N
Lockwoods Folly Inlet Waypoint 4	2022-09-09	78° 14.267' W	33° 55.119' N
Lockwoods Folly Inlet Waypoint 5	2022-09-09	78° 14.250' W	33° 55.230' N

1:3,600

300 150 0 300 600 900 1,200 Feet

US Army Corps of Engineers
Wilmington District

NORTH CAROLINA

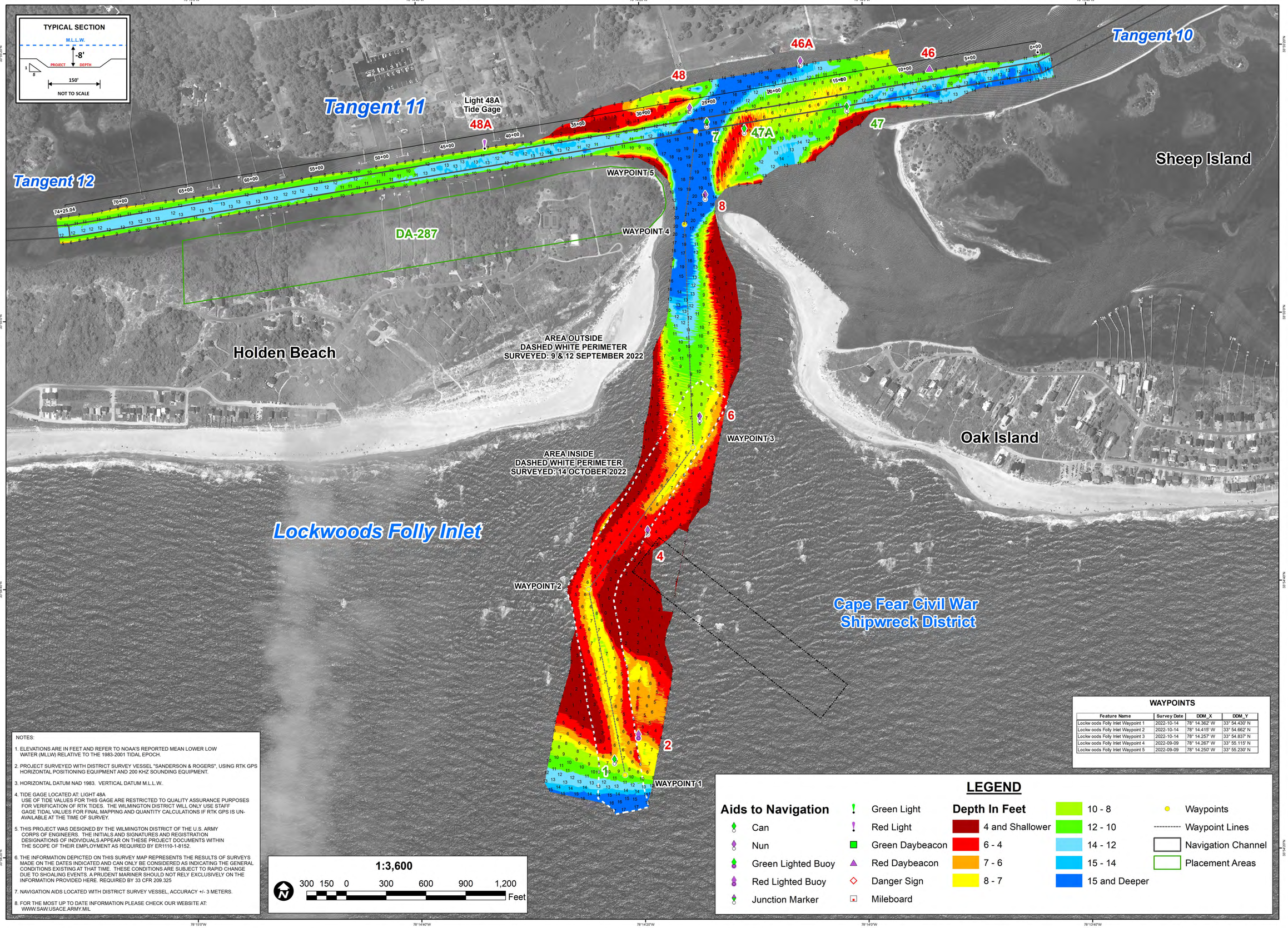
Lockwoods Folly Inlet

SURVEY DATE: 9 & 12 SEPTEMBER; 24 OCTOBER 2022	SURVEYED BY: WJC, JBD, LMT, DJD
MAP DATE: 25 OCTOBER 2022	MAPPED BY: K7OPNDJM
	PROCESSED BY: K7OPNDJM
MAP SCALE: 1:3,600	
IMAGERY DATE: 17 APRIL 2022	
© 2022 DIGITALGLOBE NEXTVIEW LICENSE	MAP FILE NAME: IN_10_LFI_20221024_OT

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

Lockwoods Folly Inlet & AIWW Crossing

OAK ISLAND, NORTH CAROLINA



NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "SANDERSON & ROGERS", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W.
4. TIDE GAGE LOCATED AT: LIGHT 48A
   USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UNAVAILABLE AT THE TIME OF SURVEY.
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8. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: WWW.SAW.USACE.ARMY.MIL

1:3,600

300 150 0 300 600 900 1,200 Feet

LEGEND

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

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

- Waypoints
- Waypoint Lines
- Navigation Channel
- Placement Areas

WAYPOINTS

Feature Name	Survey Date	DDM_X	DDM_Y
Lockw oods Folly Inlet Waypoint 1	2022-10-14	78° 14.362' W	33° 54.430' N
Lockw oods Folly Inlet Waypoint 2	2022-10-14	78° 14.415' W	33° 54.662' N
Lockw oods Folly Inlet Waypoint 3	2022-10-14	78° 14.257' W	33° 54.837' N
Lockw oods Folly Inlet Waypoint 4	2022-09-09	78° 14.267' W	33° 55.115' N
Lockw oods Folly Inlet Waypoint 5	2022-09-09	78° 14.250' W	33° 55.230' N

US Army Corps of Engineers
Wilmington District

NORTH CAROLINA

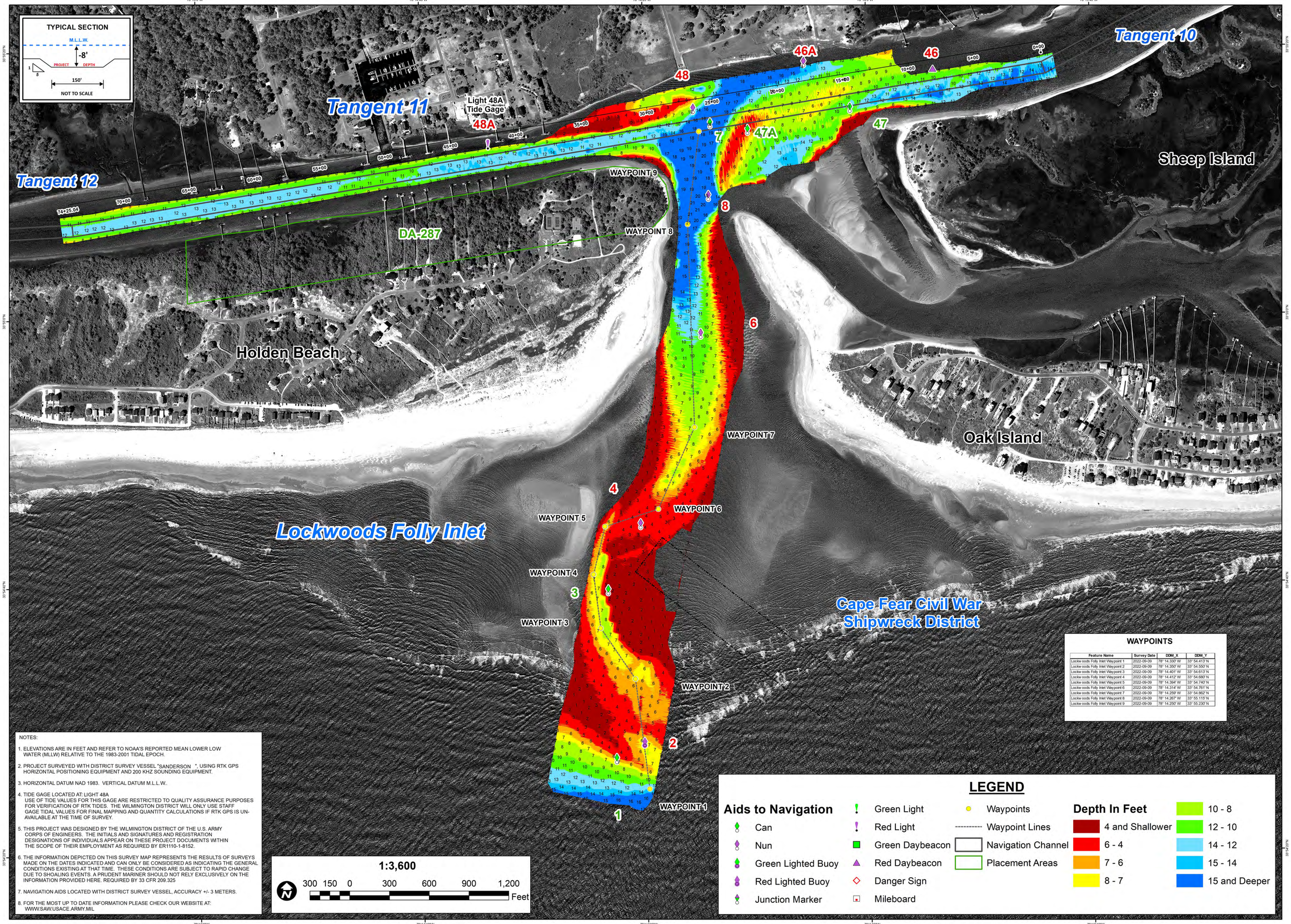
Lockwoods Folly Inlet

SURVEY DATE: 09 & 12 SEPTEMBER & 14 OCTOBER 2022
MAP DATE: 14 OCTOBER 2022
SURVEYED BY: WJC, JBD, LMT, DJD
MAPPED BY: K7OPNAGF
PROCESSED BY: K7OPNDJM & K7OPNAGF
MAP SCALE: 1:3,600
IMAGERY DATE: 7 JULY 2022
MAP FILE NAME: IN_10_LFI_20221014_OT
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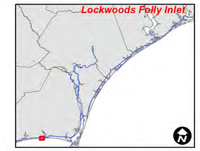
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

Lockwoods Folly Inlet & AIWW Crossing

OAK ISLAND, NORTH CAROLINA







US Army Corps of Engineers
Wilmington District

WAYPOINTS

Feature Name	Survey Date	DDM_X	DDM_Y
Lockwoods Folly Inlet Waypoint 1	2022-09-09	78° 14.330' W	33° 54.413' N
Lockwoods Folly Inlet Waypoint 2	2022-09-09	78° 14.350' W	33° 54.550' N
Lockwoods Folly Inlet Waypoint 3	2022-09-09	78° 14.401' W	33° 54.613' N
Lockwoods Folly Inlet Waypoint 4	2022-09-09	78° 14.412' W	33° 54.680' N
Lockwoods Folly Inlet Waypoint 5	2022-09-09	78° 14.394' W	33° 54.740' N
Lockwoods Folly Inlet Waypoint 6	2022-09-09	78° 14.314' W	33° 54.761' N
Lockwoods Folly Inlet Waypoint 7	2022-09-09	78° 14.259' W	33° 54.862' N
Lockwoods Folly Inlet Waypoint 8	2022-09-09	78° 14.267' W	33° 55.119' N
Lockwoods Folly Inlet Waypoint 9	2022-09-09	78° 14.250' W	33° 55.230' N

NOTES:

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2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "SANDERSON ", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
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1:3,600

300 150 0 300 600 900 1,200 Feet

LEGEND

Aids to Navigation
- Can
- Nun
- Green Lighted Buoy
- Red Lighted Buoy
- Junction Marker
- Green Light
- Red Light
- Green Daybeacon
- Red Daybeacon
- Danger Sign
- Mileboard
- Waypoints
- Waypoint Lines
- Navigation Channel
- Placement Areas

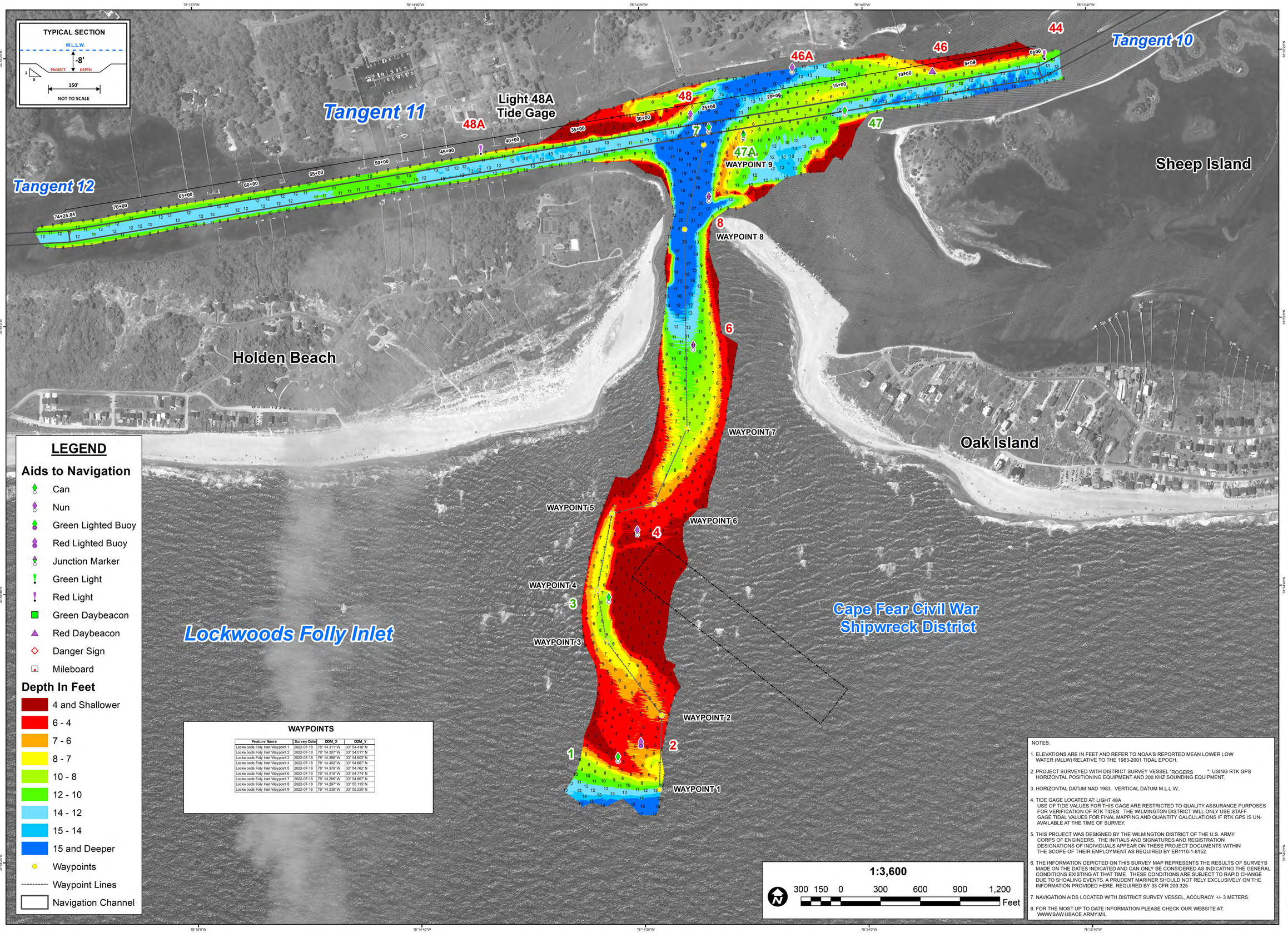
Depth In Feet
- 4 and Shallower
- 6 - 4
- 7 - 6
- 8 - 7
- 10 - 8
- 12 - 10
- 14 - 12
- 15 - 14
- 15 and Deeper

SURVEY DATE: 09 & 12 SEPTEMBER 2022
MAP DATE: 13 SEPTEMBER 2022
SURVEYED BY: WJC, JBD
MAPPED BY: K7OPNDJM
PROCESSED BY: K7OPNDJM
MAP SCALE: 1:3,600
IMAGERY DATE: 17 APRIL 2022
MAP FILE NAME: IN_10_LFI_20220909_BD
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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
- Green Lighted Buoy
- Red Lighted Buoy
- Junction Marker
- Green Light
- Red Light
- Green Daybeacon
- Red Daybeacon
- Danger Sign
- Mileboard

Depth In Feet

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

WAYPOINTS

Feature Name	Survey Date	DDM_X	DDM_Y
Lockwoods Folly Inlet Waypoint 1	2022-07-18	78° 14.311' W	33° 54.418' N
Lockwoods Folly Inlet Waypoint 2	2022-07-18	78° 14.307' W	33° 54.511' N
Lockwoods Folly Inlet Waypoint 3	2022-07-18	78° 14.388' W	33° 54.603' N
Lockwoods Folly Inlet Waypoint 4	2022-07-18	78° 14.402' W	33° 54.667' N
Lockwoods Folly Inlet Waypoint 5	2022-07-18	78° 14.379' W	33° 54.762' N
Lockwoods Folly Inlet Waypoint 6	2022-07-18	78° 14.316' W	33° 54.774' N
Lockwoods Folly Inlet Waypoint 7	2022-07-18	78° 14.266' W	33° 54.867' N
Lockwoods Folly Inlet Waypoint 8	2022-07-18	78° 14.267' W	33° 55.115' N
Lockwoods Folly Inlet Waypoint 9	2022-07-18	78° 14.238' W	33° 55.220' N

1:3,600

300 150 0 300 600 900 1,200 Feet

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "ROGERS ", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
4. TIDE GAGE LOCATED AT: LIGHT 48A
   USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UN-AVAILABLE AT THE TIME OF SURVEY.
5. THIS PROJECT WAS DESIGNED BY THE WILMINGTON 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.
6. 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
7. NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL, ACCURACY +/- 3 METERS.
8. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: WWW.SAW.USACE.ARMY.MIL

US Army Corps of Engineers
Wilmington District



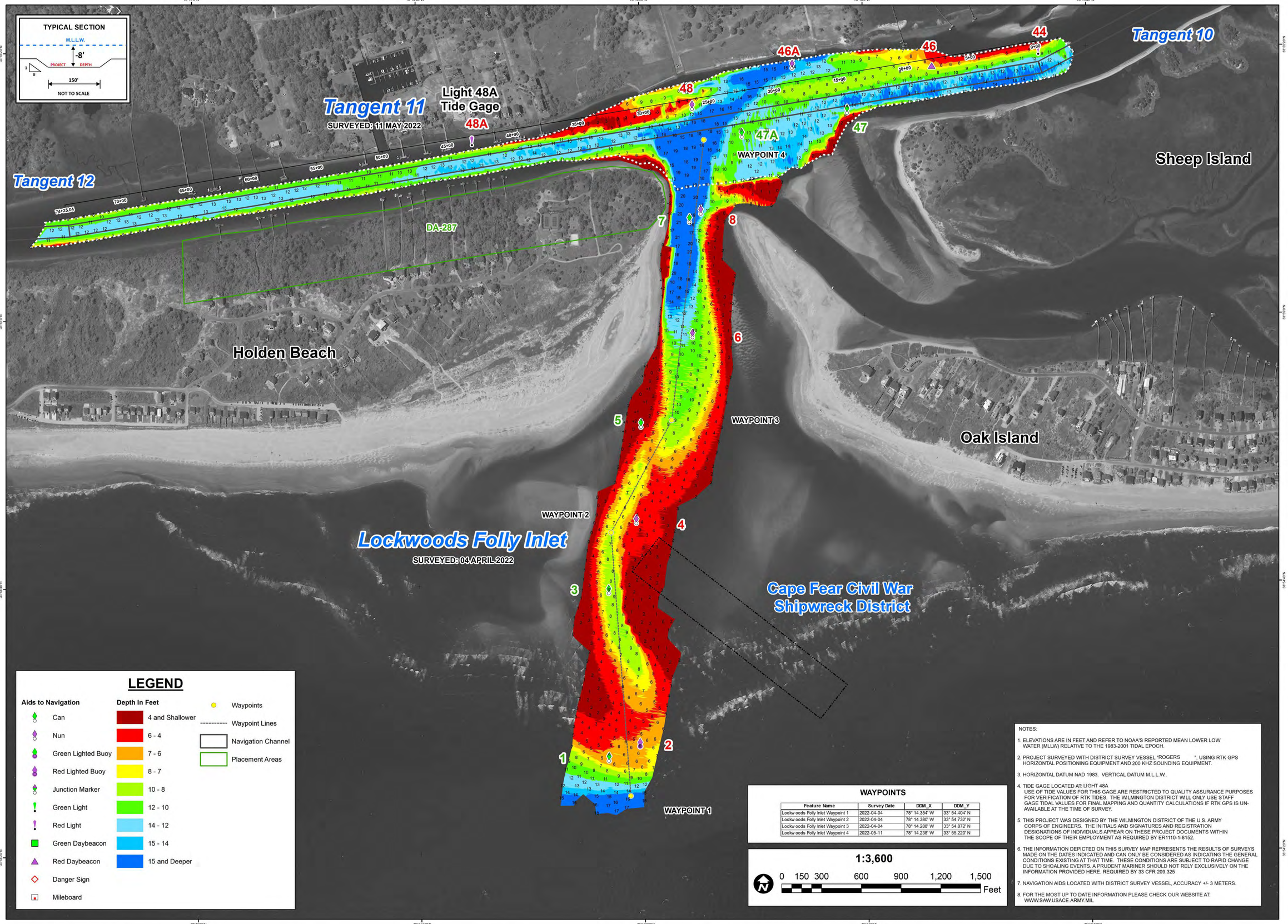


SURVEYED BY: LMT, DJD
MAPPED BY: K7OPNDJM
PROCESSED BY: K7OPNDJM
MAP SCALE: 1:3,600
IMAGERY DATE: 07 JULY 2022
SURVEY DATE: 18 JULY 2022
MAP DATE: 21 JULY 2022
MAP FILE NAME: IN_10_LFI_20220718_CS
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HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

Lockwoods Folly Inlet & AIWW Crossing

OAK ISLAND, NORTH CAROLINA



LEGEND

Aids to Navigation

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

Depth In Feet

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

- Waypoints
- Waypoint Lines
- Navigation Channel
- Placement Areas

WAYPOINTS

Feature Name	Survey Date	DDM_X	DDM_Y
Lockw oods Folly Inlet Waypoint 1	2022-04-04	78° 14.354' W	33° 54.404' N
Lockw oods Folly Inlet Waypoint 2	2022-04-04	78° 14.380' W	33° 54.732' N
Lockw oods Folly Inlet Waypoint 3	2022-04-04	78° 14.288' W	33° 54.872' N
Lockw oods Folly Inlet Waypoint 4	2022-05-11	78° 14.238' W	33° 55.220' N

1:3,600

0 150 300 600 900 1,200 1,500 Feet

NOTES:

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2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "ROGERS ", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
4. TIDE GAGE LOCATED AT: LIGHT 48A
   USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UN-AVAILABLE AT THE TIME OF SURVEY.
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8. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: WWW.SAW.USACE.ARMY.MIL

US Army Corps of Engineers
Wilmington District



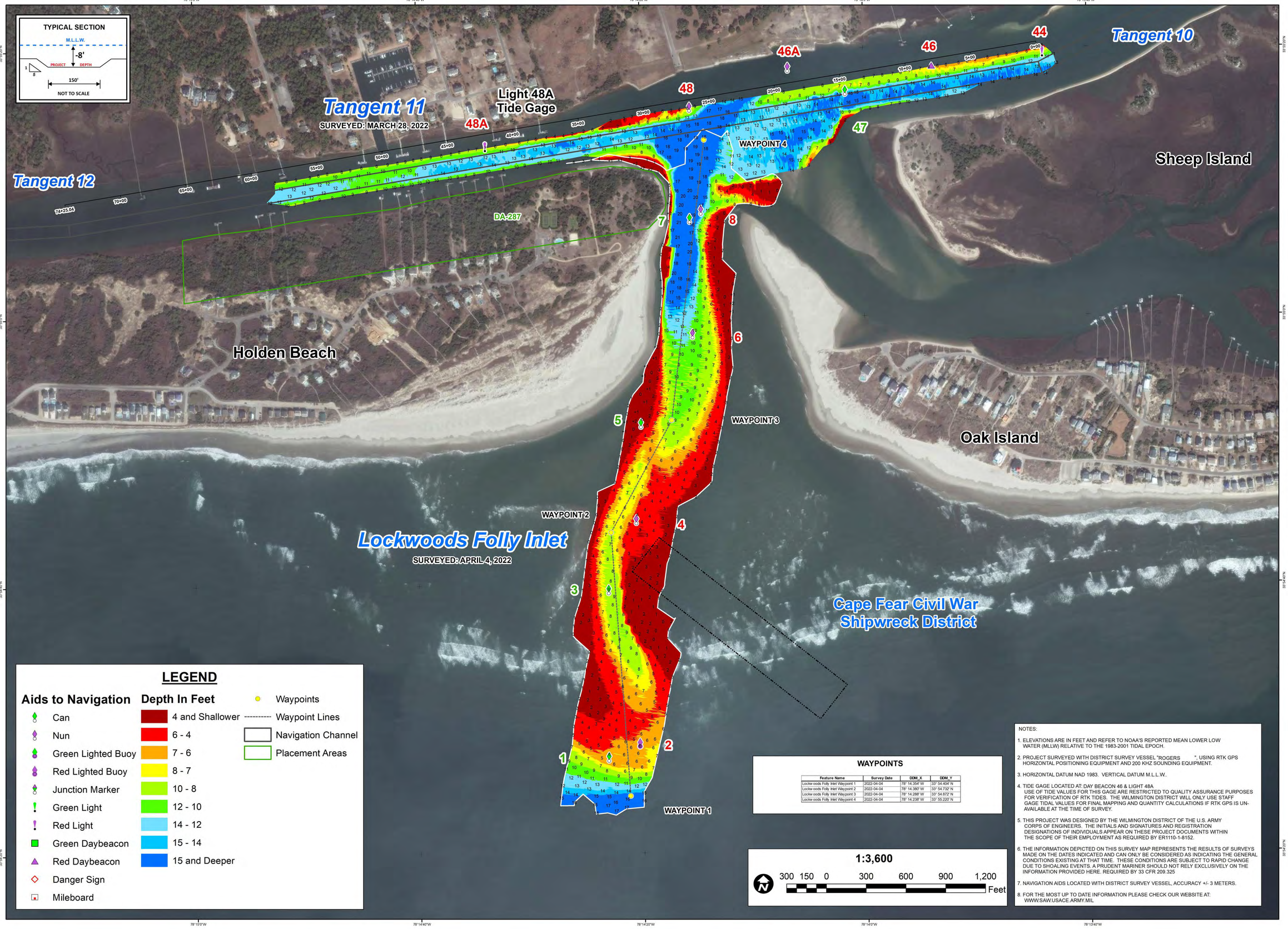


SURVEYED BY: LMT, RW, DJD
MAPPED BY: K7OPNLAC
PROCESSED BY: K7OPNDJM & K7OPNLAC
MAP FILE NAME: IN_10_LFI_20220511_CS
SURVEY DATE: 04 APRIL & 11 MAY 2022
MAP DATE: 12 MAY 2022
MAP SCALE: 1:3,600
IMAGERY DATE: 17 APRIL 2022
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HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

Lockwoods Folly Inlet & AIWW Crossing

OAK ISLAND, NORTH CAROLINA



LEGEND

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

WAYPOINTS

Feature Name	Survey Date	DDM_X	DDM_Y
Lockwoods Folly Inlet Waypoint 1	2022-04-04	78° 14.354' W	33° 54.404' N
Lockwoods Folly Inlet Waypoint 2	2022-04-04	78° 14.380' W	33° 54.732' N
Lockwoods Folly Inlet Waypoint 3	2022-04-04	78° 14.288' W	33° 54.872' N
Lockwoods Folly Inlet Waypoint 4	2022-04-04	78° 14.238' W	33° 55.220' N

1:3,600

300 150 0 300 600 900 1,200 Feet

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "ROGERS ", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
4. TIDE GAGE LOCATED AT: DAY BEACON 46 & LIGHT 48A USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UN-AVAILABLE AT THE TIME OF SURVEY.
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7. NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL, ACCURACY +/- 3 METERS.
8. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: WWW.SAW.USACE.ARMY.MIL

US Army Corps of Engineers
Wilmington District



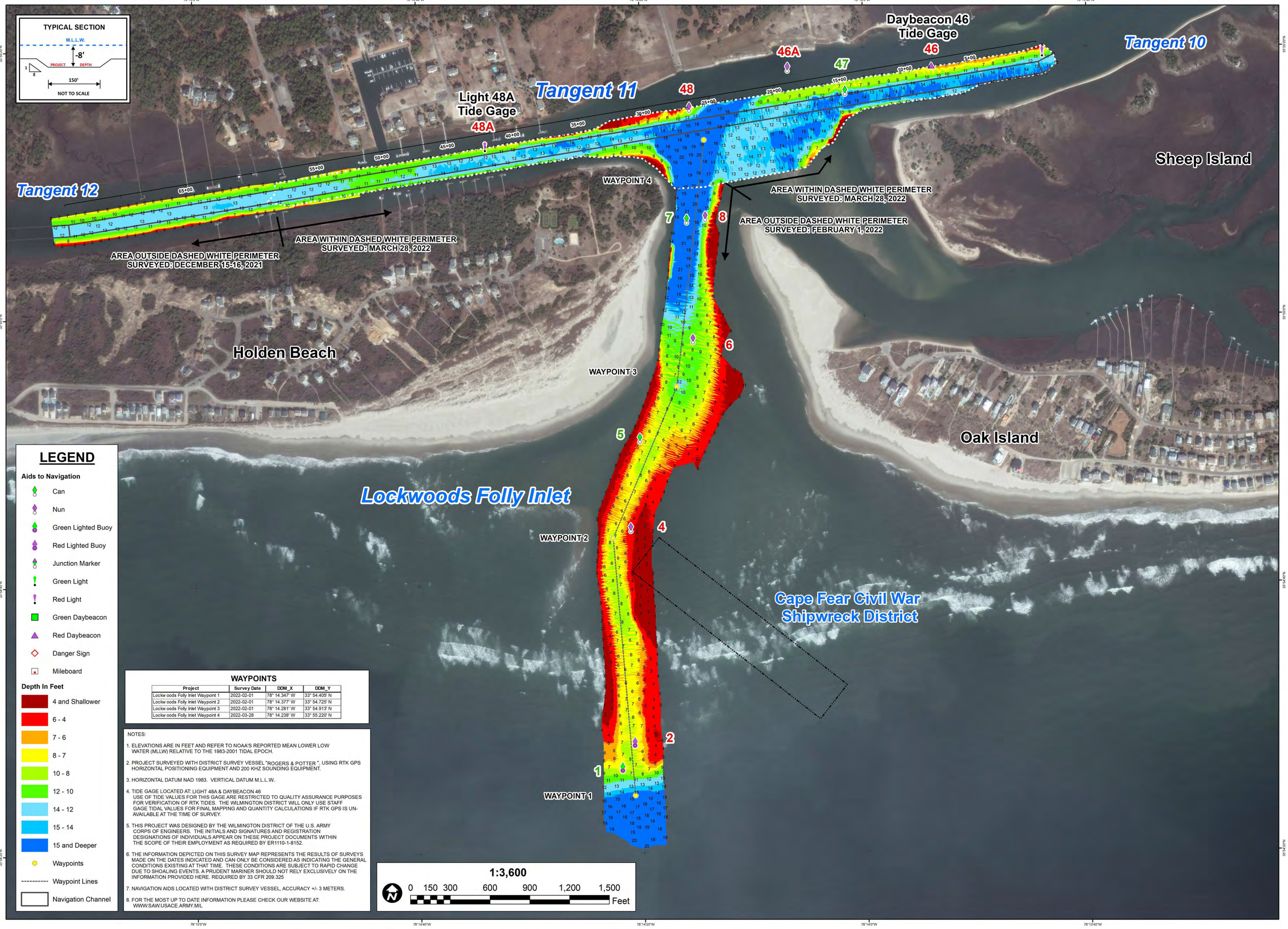


SURVEYED BY: LMT, RW, DJD	
MAPPED BY: K7OPNDJM	
PROCESSED BY: K7OPNDJM	
MAP SCALE: 1:3,600	
IMAGERY DATE: 17 FEBRUARY 2022	
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MAP FILE NAME: IN_10_LFI_20220404_CS	
SURVEY DATE: 28 MARCH & 04 APRIL 2022	
MAP DATE: 07 APRIL 2022	

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

Depth In Feet

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

WAYPOINTS

Project	Survey Date	DDM_X	DDM_Y
Lockw oods Folly Inlet Waypoint 1	2022-02-01	78° 14.347' W	33° 54.405' N
Lockw oods Folly Inlet Waypoint 2	2022-02-01	78° 14.377' W	33° 54.725' N
Lockw oods Folly Inlet Waypoint 3	2022-02-01	78° 14.281' W	33° 54.913' N
Lockw oods Folly Inlet Waypoint 4	2022-03-28	78° 14.238' W	33° 55.220' N

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "ROGERS & POTTER ", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W.
4. TIDE GAGE LOCATED AT: LIGHT 48A & DAYBEACON 46
   USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UN-AVAILABLE AT THE TIME OF SURVEY.
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7. NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL, ACCURACY +/- 3 METERS.
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1:3,600

0 150 300 600 900 1,200 1,500 Feet

US Army Corps of Engineers
Wilmington District





SURVEYED BY: LMT, RW, WJC, JBD, DJD
SURVEY DATE: 15-16 DECEMBER 2021; 01 FEBRUARY & 28 MARCH 2022

MAPPED BY: K7OPNLAC
MAP DATE: 29 MARCH 2022

PROCESSED BY: K7OPNLAC
MAP SCALE: 1:3,600

IMAGERY DATE: 17 FEBRUARY 2022

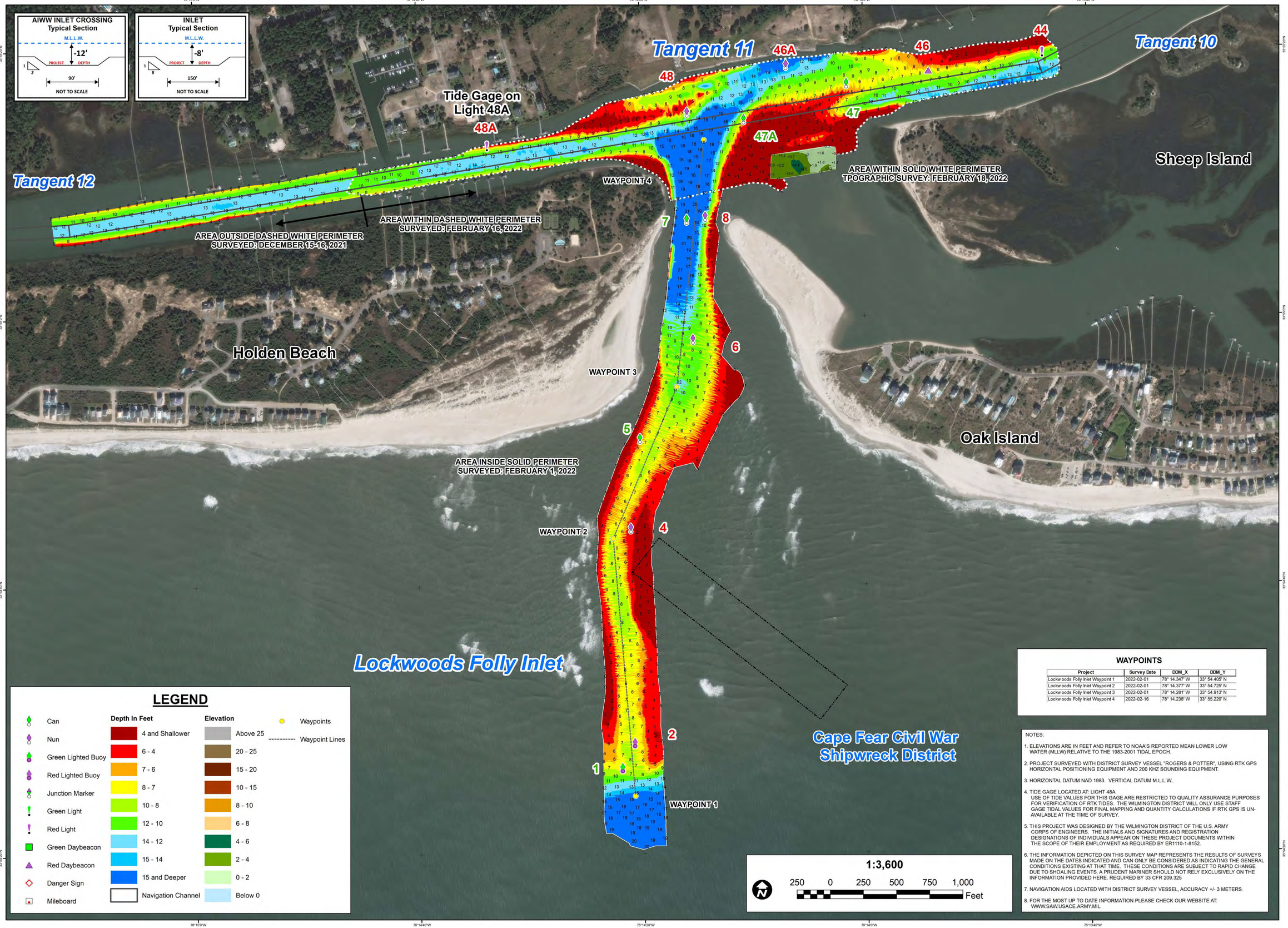
MAP FILE NAME: IN_10_LFI_20220328_AD

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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

	Depth In Feet	Elevation
Can	4 and Shallower	Above 25
Nun	6 - 4	20 - 25
Green Lighted Buoy	7 - 6	15 - 20
Red Lighted Buoy	8 - 7	10 - 15
Junction Marker	10 - 8	8 - 10
Green Light	12 - 10	6 - 8
Red Light	14 - 12	4 - 6
Green Daybeacon	15 - 14	2 - 4
Red Daybeacon	15 and Deeper	0 - 2
Danger Sign	Navigation Channel	Below 0
Mileboard		

Waypoints
Waypoint Lines

WAYPOINTS

Project	Survey Date	DDM_X	DDM_Y
Lockwoods Folly Inlet Waypoint 1	2022-02-01	78° 14.347' W	33° 54.405' N
Lockwoods Folly Inlet Waypoint 2	2022-02-01	78° 14.377' W	33° 54.725' N
Lockwoods Folly Inlet Waypoint 3	2022-02-01	78° 14.281' W	33° 54.913' N
Lockwoods Folly Inlet Waypoint 4	2022-02-16	78° 14.238' W	33° 55.220' N

1:3,600

250 0 250 500 750 1,000 Feet

NOTES:

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3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
4. TIDE GAGE LOCATED AT: LIGHT 48A.
   USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UNAVAILABLE AT THE TIME OF SURVEY.
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US Army Corps of Engineers
Wilmington District



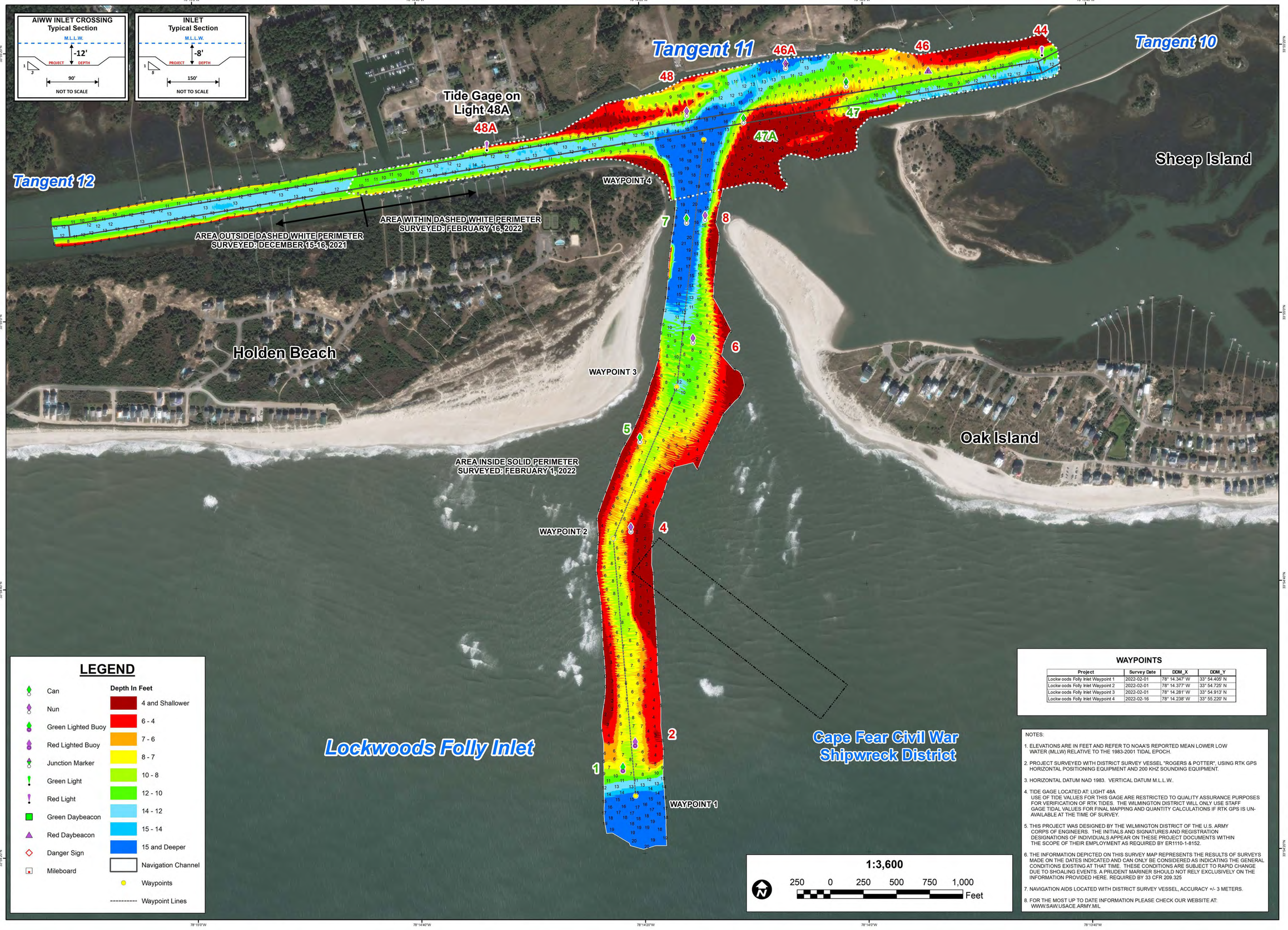


SURVEY DATES:15-16 DECEMBER 2021; 1, 16 & 18 FEBRUARY 2022
MAP DATE: 22 FEBRUARY 2022
MAP SCALE: 1:3,600
IMAGERY DATE: 26 OCTOBER 2021
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SURVEYED BY: JBD, LMT, WJC, DJD
MAPPED BY: K7OPNLAC
PROCESSED BY: K7OPNAGF & K7OPNLAC
MAP FILE NAME: IN_10_LFI_20220218_BD

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

Lockwoods Folly Inlet & AIWW Crossing

OAK ISLAND, NORTH CAROLINA



LEGEND

	Depth In Feet
Can	4 and Shallower
Nun	6 - 4
Green Lighted Buoy	7 - 6
Red Lighted Buoy	8 - 7
Junction Marker	10 - 8
Green Light	12 - 10
Red Light	14 - 12
Green Daybeacon	15 - 14
Red Daybeacon	15 and Deeper
Danger Sign	Navigation Channel
Mileboard	Waypoints
	Waypoint Lines

1:3,600

250 0 250 500 750 1,000 Feet

WAYPOINTS

Project	Survey Date	DDM_X	DDM_Y
Lockwoods Folly Inlet Waypoint 1	2022-02-01	78° 14.347' W	33° 54.405' N
Lockwoods Folly Inlet Waypoint 2	2022-02-01	78° 14.377' W	33° 54.725' N
Lockwoods Folly Inlet Waypoint 3	2022-02-01	78° 14.281' W	33° 54.913' N
Lockwoods Folly Inlet Waypoint 4	2022-02-16	78° 14.238' W	33° 55.220' N

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US Army Corps of Engineers
Wilmington District



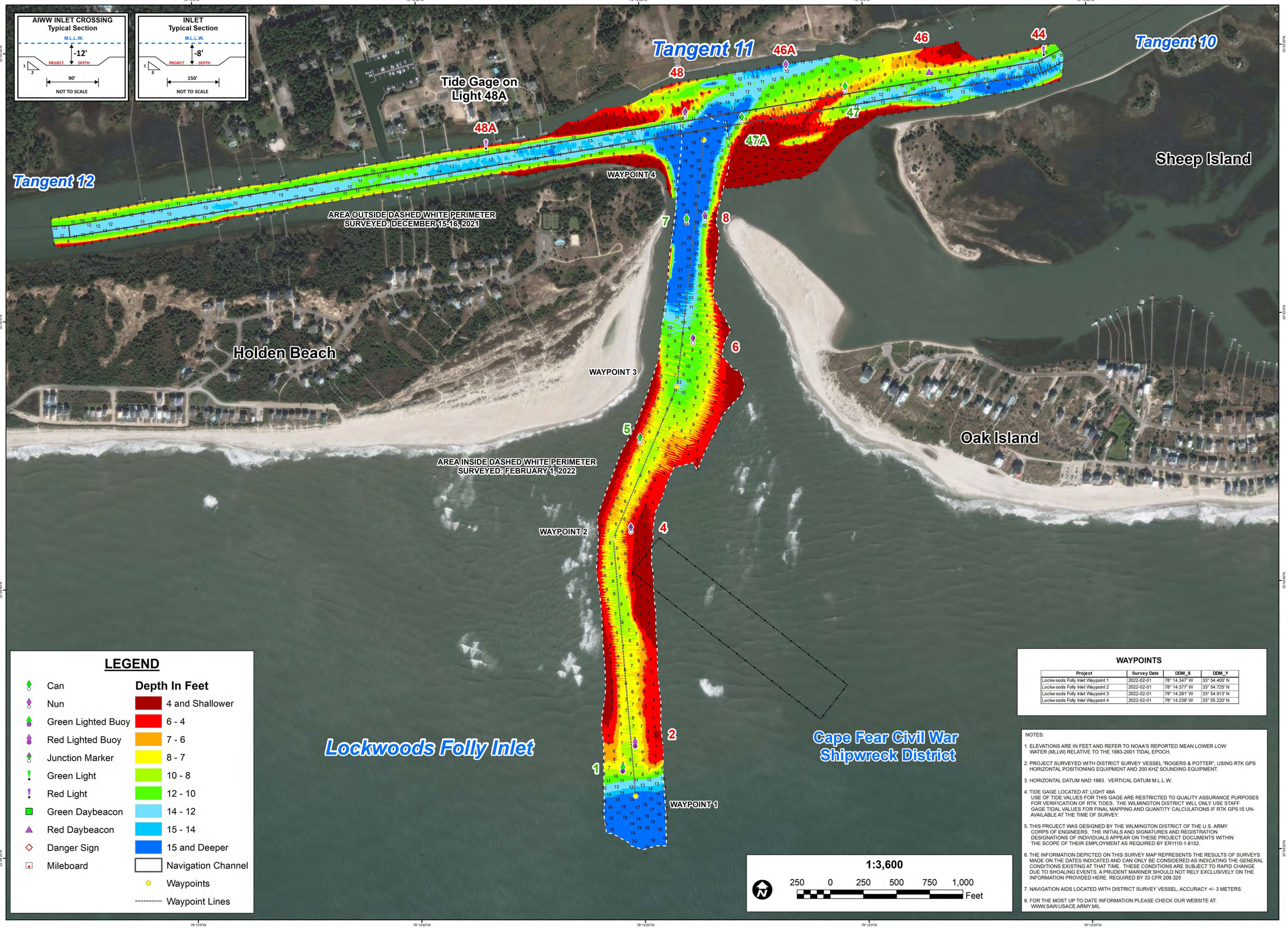


SURVEY DATES:15-16 DECEMBER 2021; 1 & 16 FEBRUARY 2022
SURVEYED BY: JBD, LMT, WJC, DJD
MAPPED BY: K7OPNLAC
PROCESSED BY:K7OPNAGF & K7OPNLAC
MAP DATE: 17 FEBRUARY 2022
MAP SCALE: 1:3,600
IMAGERY DATE: 26 OCTOBER 2021
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MAP FILE NAME: IN_10_LFI_20220216_BD

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

Lockwoods Folly Inlet & AIWW Crossing

OAK ISLAND, NORTH CAROLINA



LEGEND

	Depth In Feet
Can	4 and Shallower
Nun	6 - 4
Green Lighted Buoy	7 - 6
Red Lighted Buoy	8 - 7
Junction Marker	10 - 8
Green Light	12 - 10
Red Light	14 - 12
Green Daybeacon	15 - 14
Red Daybeacon	15 and Deeper
Danger Sign	Navigation Channel
Mileboard	Waypoints
	Waypoint Lines

1:3,600

250 0 250 500 750 1,000 Feet

WAYPOINTS

Project	Survey Date	DDM_X	DDM_Y
Lockwoods Folly Inlet Waypoint 1	2022-02-01	78° 14.347' W	33° 54.405' N
Lockwoods Folly Inlet Waypoint 2	2022-02-01	78° 14.377' W	33° 54.725' N
Lockwoods Folly Inlet Waypoint 3	2022-02-01	78° 14.281' W	33° 54.913' N
Lockwoods Folly Inlet Waypoint 4	2022-02-01	78° 14.238' W	33° 55.220' N

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US Army Corps of Engineers
Wilmington District



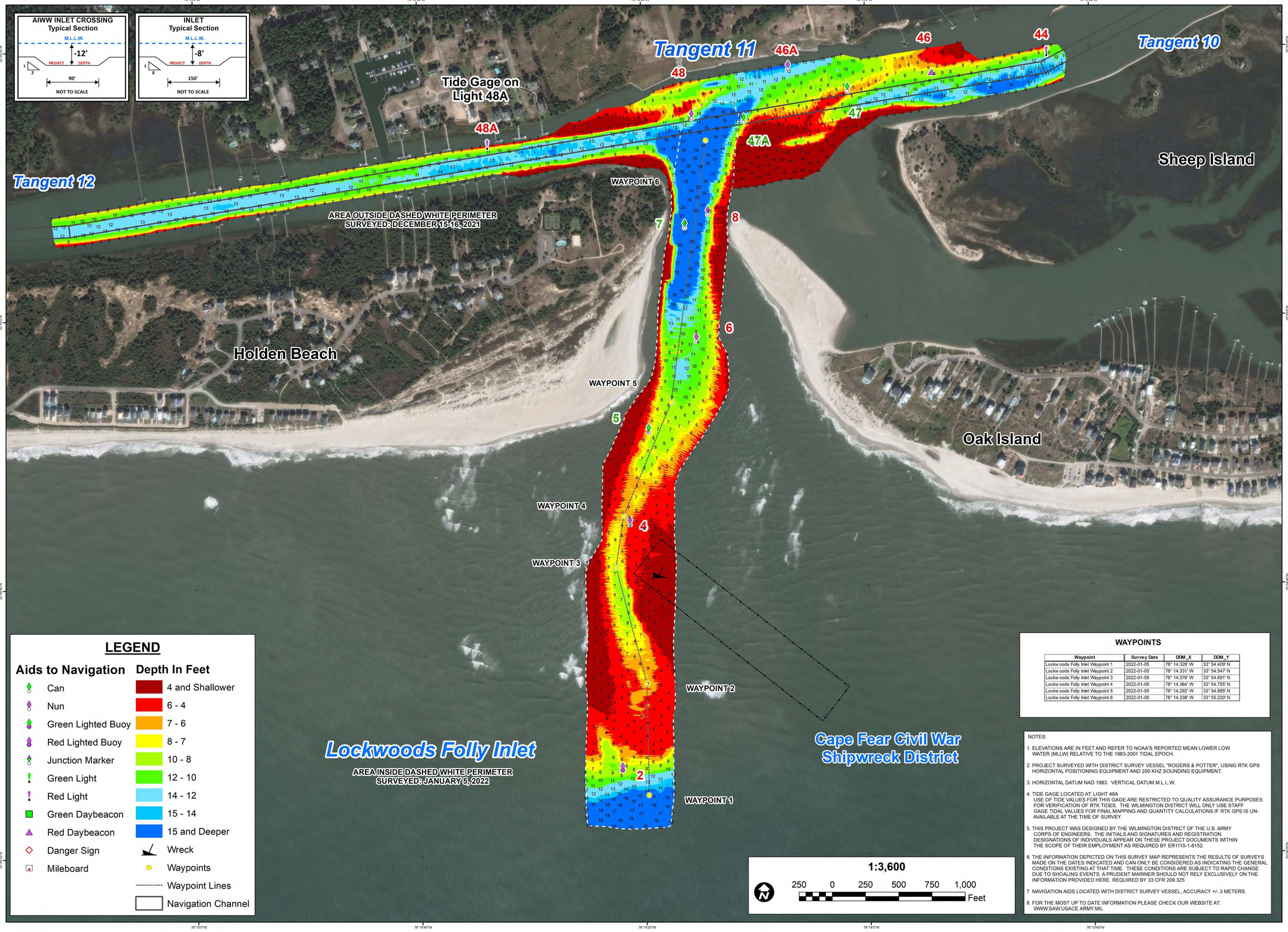


SURVEY DATES:15-16 DECEMBER 2021
& 1 FEBRUARY 2022
SURVEYED BY: JBD, LMT, WJC, DJD
MAPPED BY: K7OPNAGF
PROCESSED BY: K7OPNAGF
MAP DATE: 02 FEBRUARY 2022
MAP SCALE: 1:3,600
IMAGERY DATE: 26 OCTOBER 2021
MAP FILE NAME: IN_10_LFI_20220201_AD
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HYDROGRAPHIC 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	Depth In Feet
Can	4 and Shallower
Nun	6 - 4
Green Lighted Buoy	7 - 6
Red Lighted Buoy	8 - 7
Junction Marker	10 - 8
Green Light	12 - 10
Red Light	14 - 12
Green Daybeacon	15 - 14
Red Daybeacon	15 and Deeper
Danger Sign	Wreck
Mileboard	Waypoints
	Waypoint Lines
	Navigation Channel

1:3,600

250 0 250 500 750 1,000 Feet

WAYPOINTS

Waypoint	Survey Date	DDM_X	DDM_Y
Lockwoods Folly Inlet Waypoint 1	2022-01-05	78° 14.329' W	33° 54.409' N
Lockwoods Folly Inlet Waypoint 2	2022-01-05	78° 14.331' W	33° 54.547' N
Lockwoods Folly Inlet Waypoint 3	2022-01-05	78° 14.376' W	33° 54.691' N
Lockwoods Folly Inlet Waypoint 4	2022-01-05	78° 14.364' W	33° 54.755' N
Lockwoods Folly Inlet Waypoint 5	2022-01-05	78° 14.292' W	33° 54.895' N
Lockwoods Folly Inlet Waypoint 6	2022-01-05	78° 14.238' W	33° 55.220' N

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "ROGERS & POTTER", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
4. TIDE GAGE LOCATED AT LIGHT 48A. USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UNAVAILABLE AT THE TIME OF SURVEY.
5. THIS PROJECT WAS DESIGNED BY THE WILMINGTON 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.
6. 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
7. NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL, ACCURACY +/- 3 METERS.
8. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: WWW.SAW.USACE.ARMY.MIL

US Army Corps of Engineers
Wilmington District



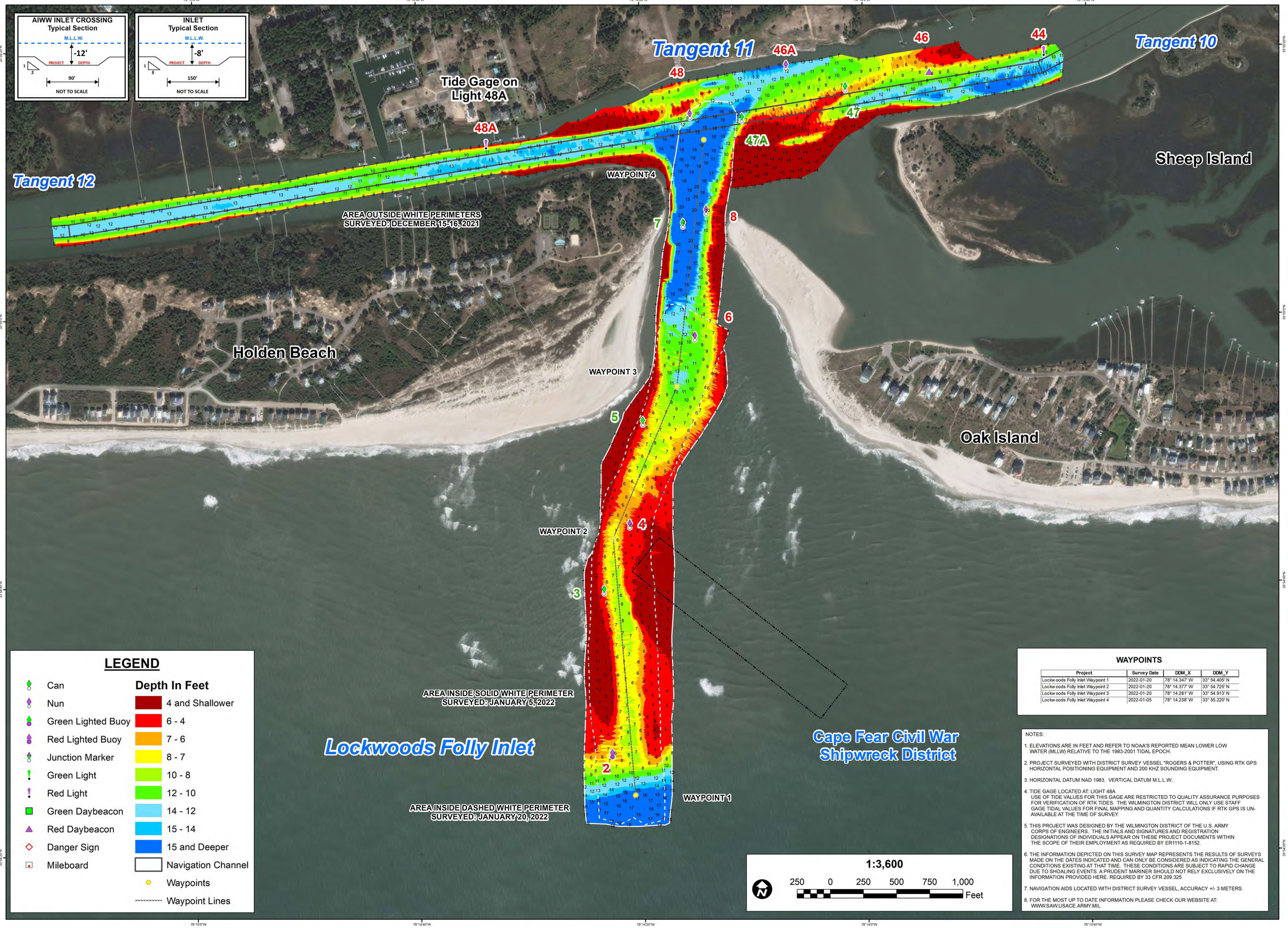


SURVEY DATES:15-16 DECEMBER 2021 & 05 JANUARY 2022	SURVEYED BY: JBD, LMT, WJC, DJD
	MAPPED BY: K7OPNAGF
MAP DATE: 13 JANUARY 2022	PROCESSED BY: K7OPNAGF
MAP SCALE: 1:3,600	UPDATED BUOYS ON JAN. 13, 2022
IMAGERY DATE: 26 OCTOBER 2021	MAP FILE NAME: IN_10_LFI_20220105_OT_Update1
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HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

Lockwoods Folly Inlet & AIWW Crossing

OAK ISLAND, NORTH CAROLINA



LEGEND

	Depth In Feet
Can	4 and Shallower
Nun	6 - 4
Green Lighted Buoy	7 - 6
Red Lighted Buoy	8 - 7
Junction Marker	10 - 8
Green Light	12 - 10
Red Light	14 - 12
Green Daybeacon	15 - 14
Red Daybeacon	15 and Deeper
Danger Sign	Navigation Channel
Mileboard	Waypoints
	Waypoint Lines

1:3,600

250 0 250 500 750 1,000 Feet

WAYPOINTS

Project	Survey Date	DDM_X	DDM_Y
Lockwoods Folly Inlet Waypoint 1	2022-01-20	78° 14.347' W	33° 54.405' N
Lockwoods Folly Inlet Waypoint 2	2022-01-20	78° 14.377' W	33° 54.725' N
Lockwoods Folly Inlet Waypoint 3	2022-01-20	78° 14.281' W	33° 54.913' N
Lockwoods Folly Inlet Waypoint 4	2022-01-05	78° 14.238' W	33° 55.220' N

NOTES:

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US Army Corps of Engineers
Wilmington District





SURVEYED BY: JBD, LMT, WJC, DJD
MAPPED BY: K7OPNAGF
PROCESSED BY: K7OPNAGF
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