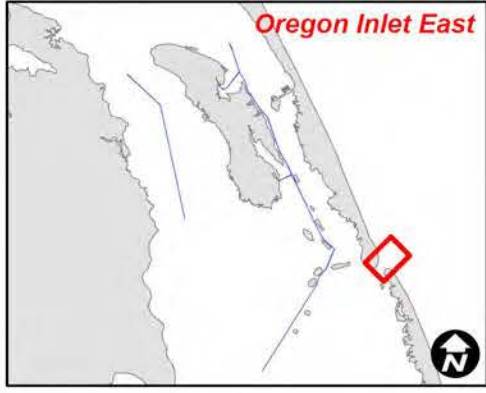
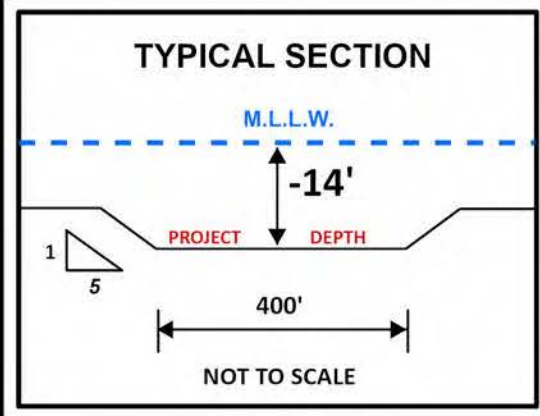
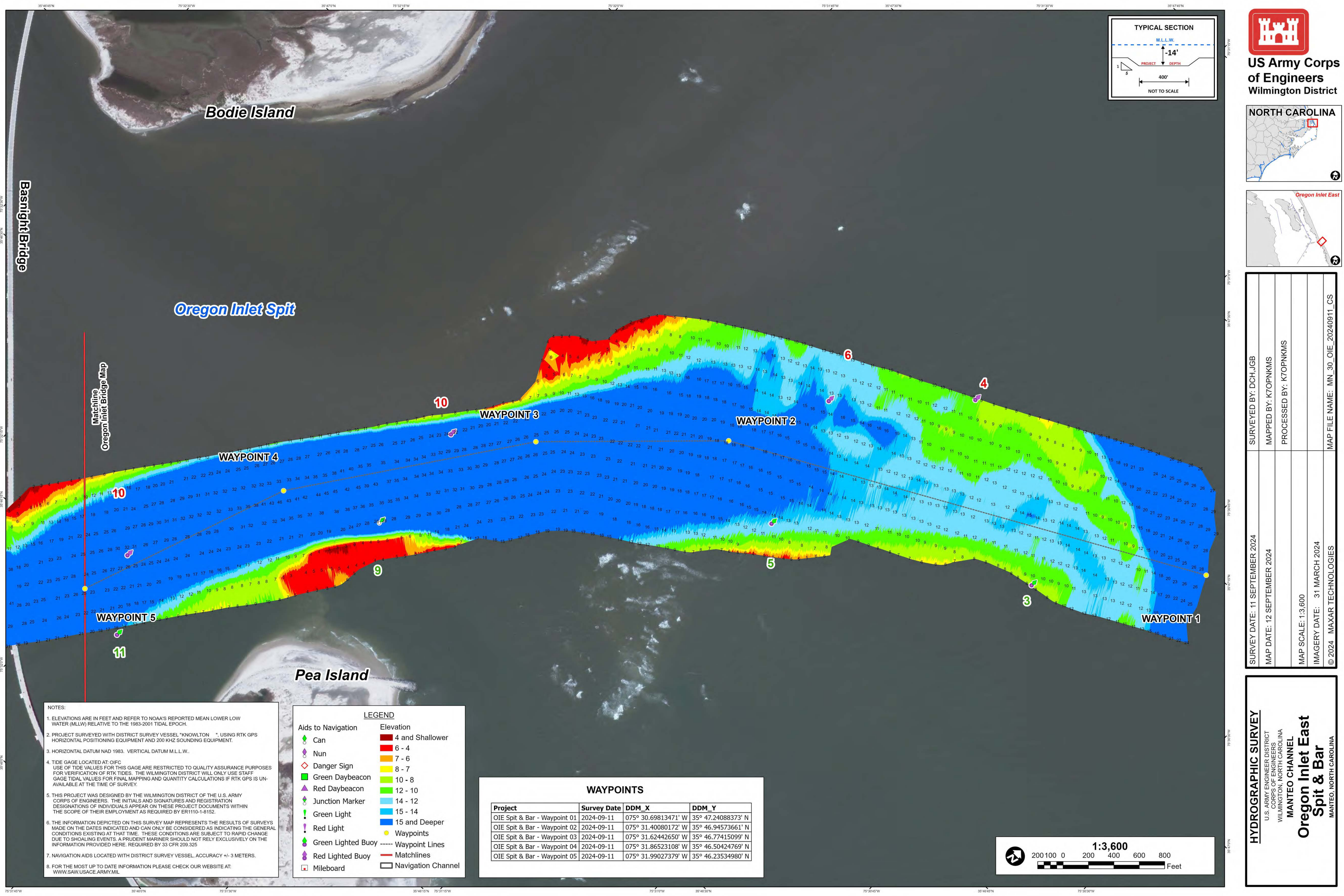




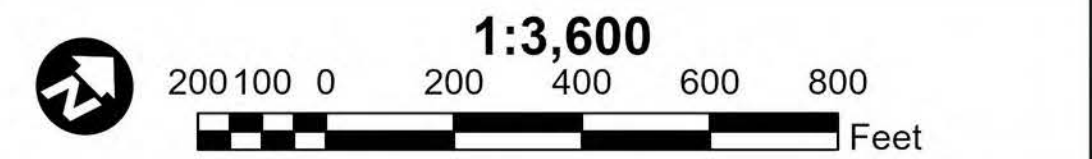
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MAPPED BY: KTOPNKMS	
PROCESSED BY: KTOPNKMS	
MAP SCALE: 1:3,600	
IMAGERY DATE: 31 MARCH 2024	
© 2024 MAXAR TECHNOLOGIES	
MAP FILE NAME: MN_30_OIE_20240911_CS	

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 "KNOWLTON" USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
- HORIZONTAL DATUM NAD 1983. VERTICAL DATUM MLLW.
- TIDE GAGE LOCATED AT: OIFC. 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 TIDE VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UNAVAILABLE AT THE TIME OF SURVEY.
- 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 ER1110-1-8.152.
- 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.
- 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	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
	Matchlines
	Navigation Channel

WAYPOINTS			
Project	Survey Date	DDM_X	DDM_Y
OIE Spit & Bar - Waypoint 01	2024-09-11	075° 30.69813471' W	35° 47.24088373' N
OIE Spit & Bar - Waypoint 02	2024-09-11	075° 31.40080172' W	35° 46.94573661' N
OIE Spit & Bar - Waypoint 03	2024-09-11	075° 31.62442650' W	35° 46.77415099' N
OIE Spit & Bar - Waypoint 04	2024-09-11	075° 31.86523108' W	35° 46.50424769' N
OIE Spit & Bar - Waypoint 05	2024-09-11	075° 31.99027379' W	35° 46.23534980' N



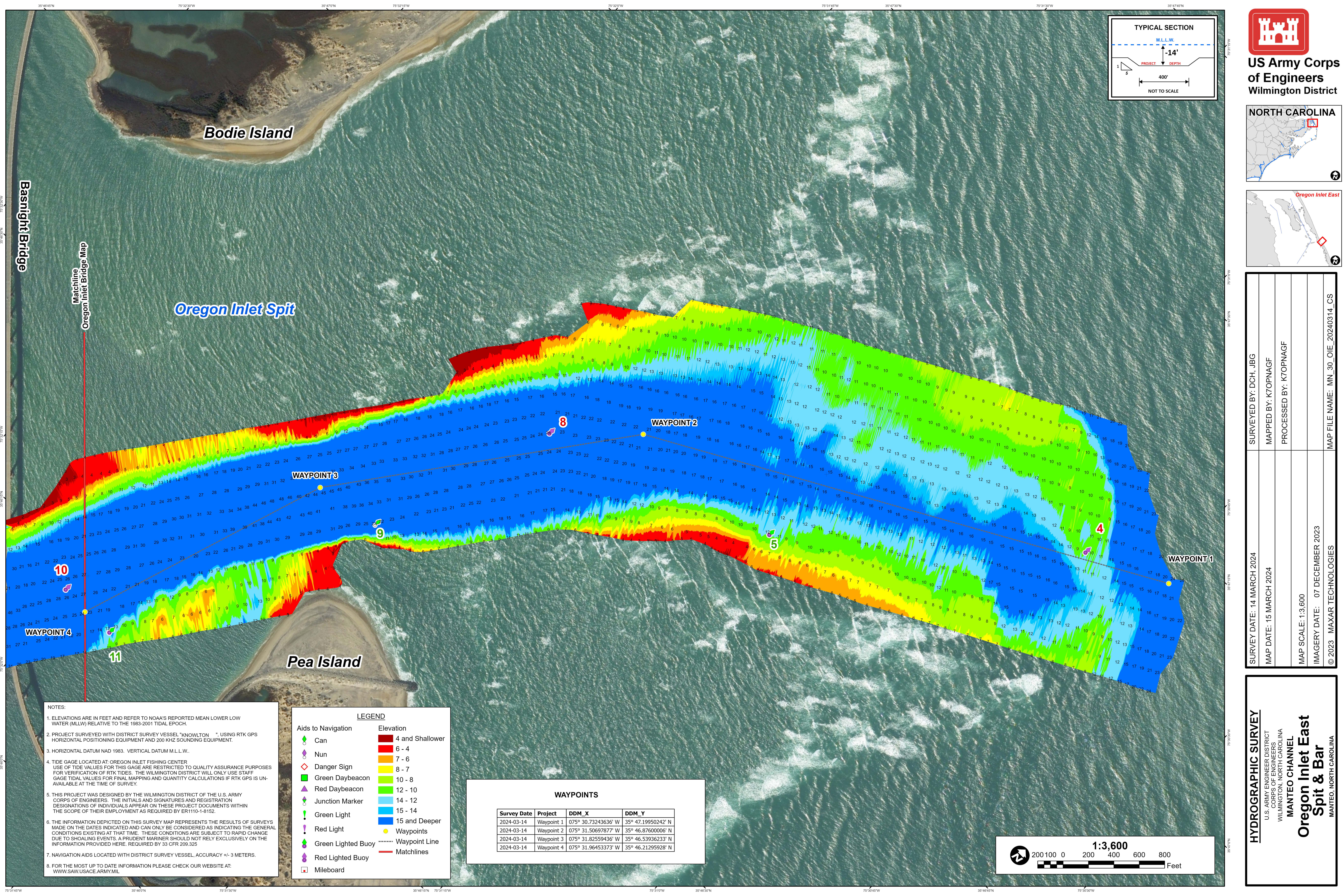
HYDROGRAPHIC SURVEY

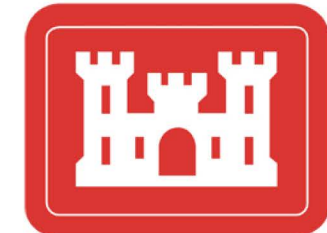
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

MANTEO CHANNEL

Oregon Inlet East Spit & Bar

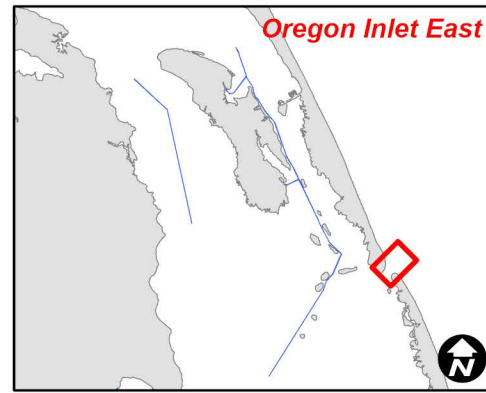
MANTEO, NORTH CAROLINA





**US Army Corps
of Engineers**
Wilmington District

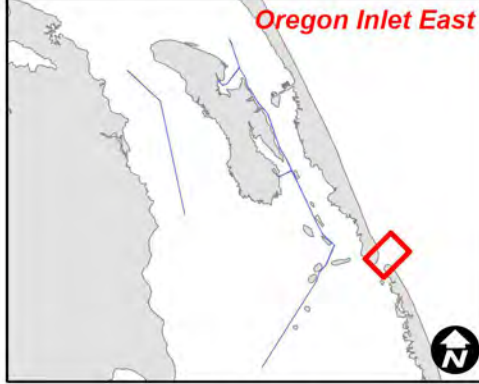
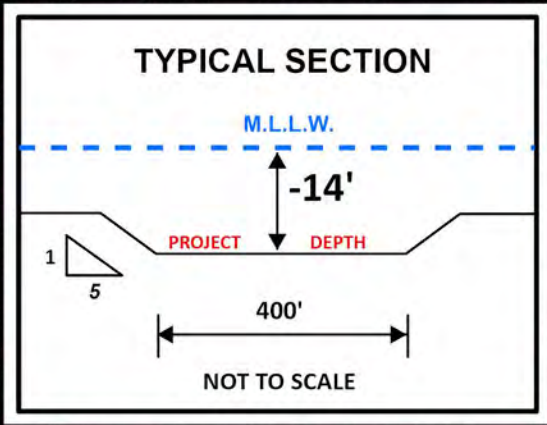
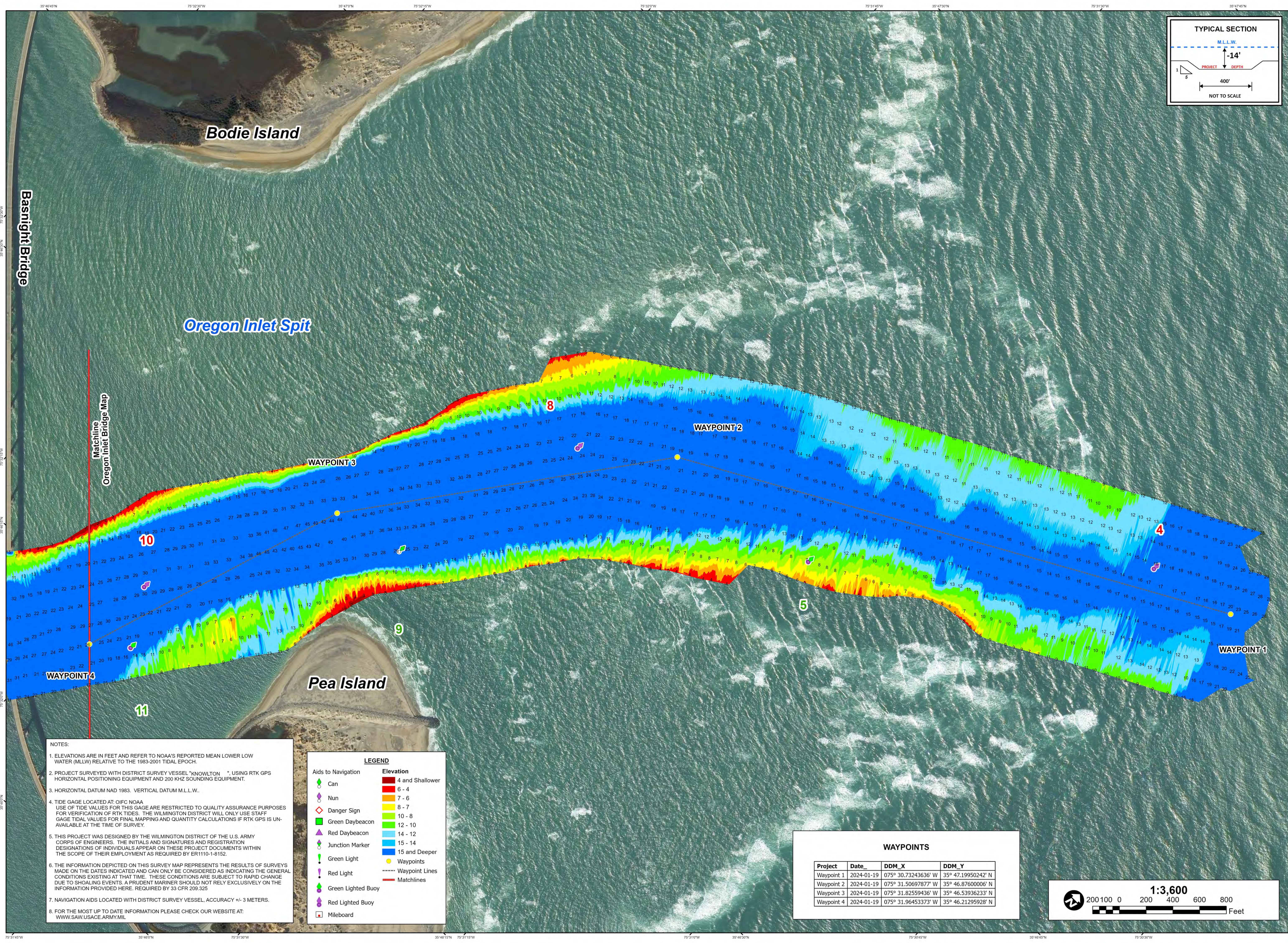
NORTH CAROLINA



SURVEYED BY: DCH, JBG	SURVEY DATE: 14 MARCH 2024
MAPPED BY: KTOPNAGF	MAP DATE: 15 MARCH 2024
PROCESSED BY: KTOPNAGF	
	MAP SCALE: 1:3,600
	IMAGERY DATE: 07 DECEMBER 2023
MAP FILE NAME: MN_30_OIE_20240314_CS	© 2023 MAXAR TECHNOLOGIES

HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA
MANTEO CHANNEL
Oregon Inlet East
Spit & Bar
MANTEO, NORTH CAROLINA



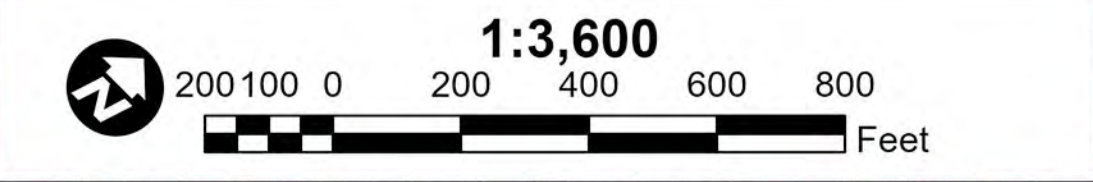
SURVEYED BY: DCH, JBG	
MAPPED BY: KTOPNDJM	
PROCESSED BY: KTOPNDJM	
MAP SCALE: 1:3,600	
IMAGERY DATE: 07 DECEMBER 2023	
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MAP FILE NAME: MN_30_OIE_20240119_CS	

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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LEGEND	
Aids to Navigation	Elevation
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Junction Marker	12 - 10
Green Light	14 - 12
Red Light	15 - 14
Green Lighted Buoy	15 and Deeper
Red Lighted Buoy	Waypoint Lines
Mileboard	Matchlines

WAYPOINTS			
Project	Date	DDM_X	DDM_Y
Waypoint 1	2024-01-19	075° 30.73243636' W	35° 47.19950242' N
Waypoint 2	2024-01-19	075° 31.50697877' W	35° 46.87600006' N
Waypoint 3	2024-01-19	075° 31.82559436' W	35° 46.53936233' N
Waypoint 4	2024-01-19	075° 31.96453373' W	35° 46.21295928' N



HYDROGRAPHIC SURVEY

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

Oregon Inlet East
Spit & Bar
MANTEO, NORTH CAROLINA