



US Army Corps of Engineers
Wilmington District

NORTH CAROLINA



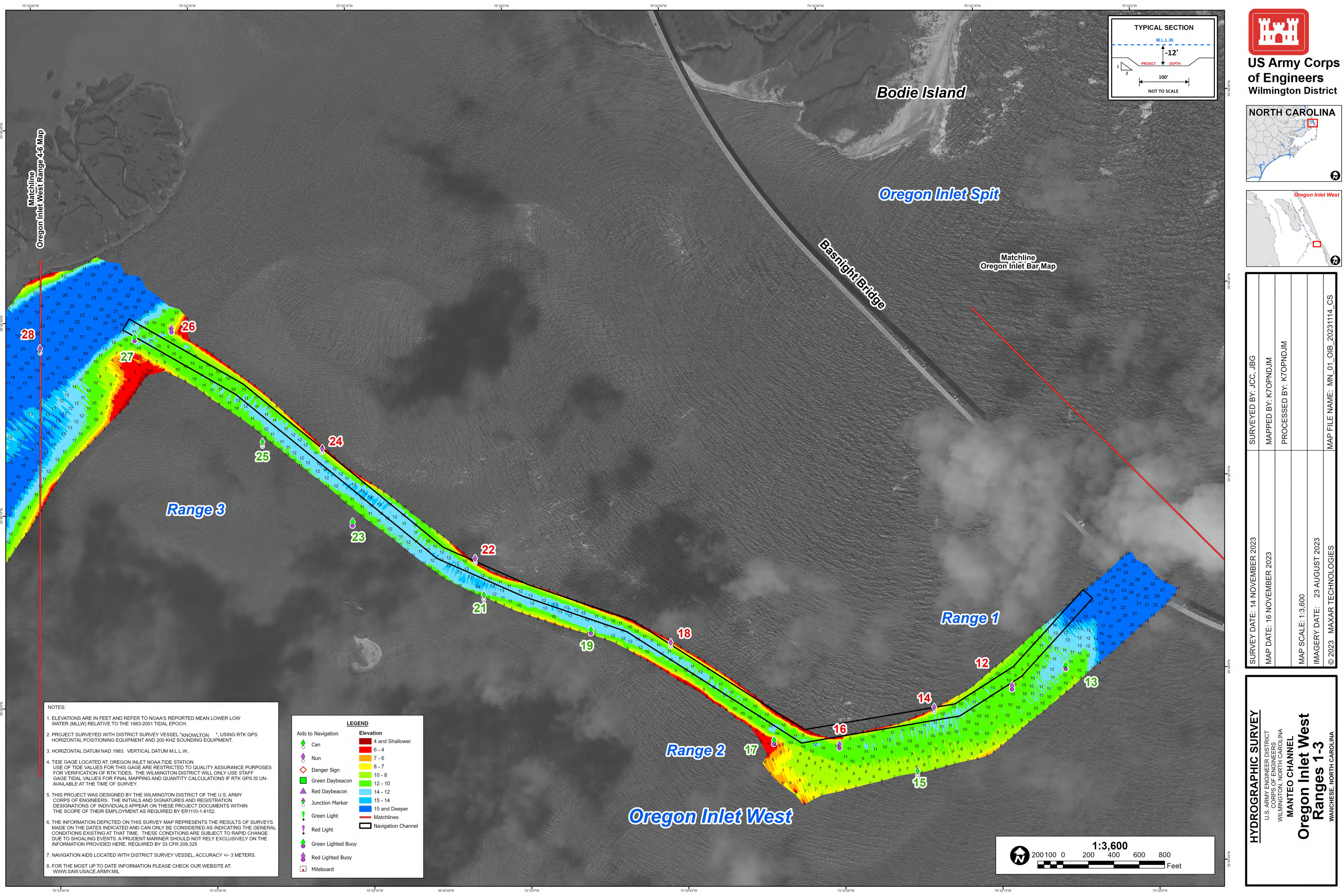
Oregon Inlet West



SURVEYED BY: DCH, JBG	SURVEY DATE: 12 DECEMBER 2023
MAPPED BY: K7OPNDJM	MAP DATE: 13 DECEMBER 2023
PROCESSED BY: K7OPNDJM	
	MAP SCALE: 1:3,600
	IMAGERY DATE: 07 DECEMBER 2023
	© 2023 MAXAR TECHNOLOGIES
	MAP FILE NAME: MN_01_OIB_20231212_CS

HYDROGRAPHIC SURVEY

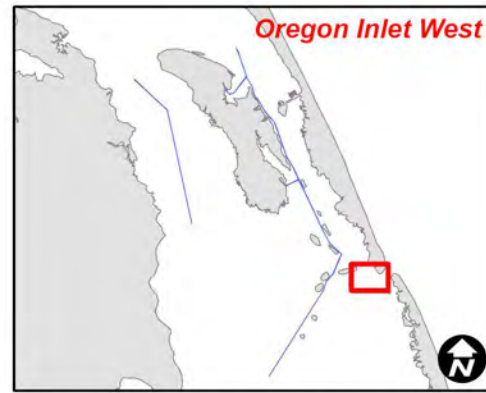
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA
MANTEO CHANNEL
Oregon Inlet West
Ranges 1-3
WANCHESSE, NORTH CAROLINA





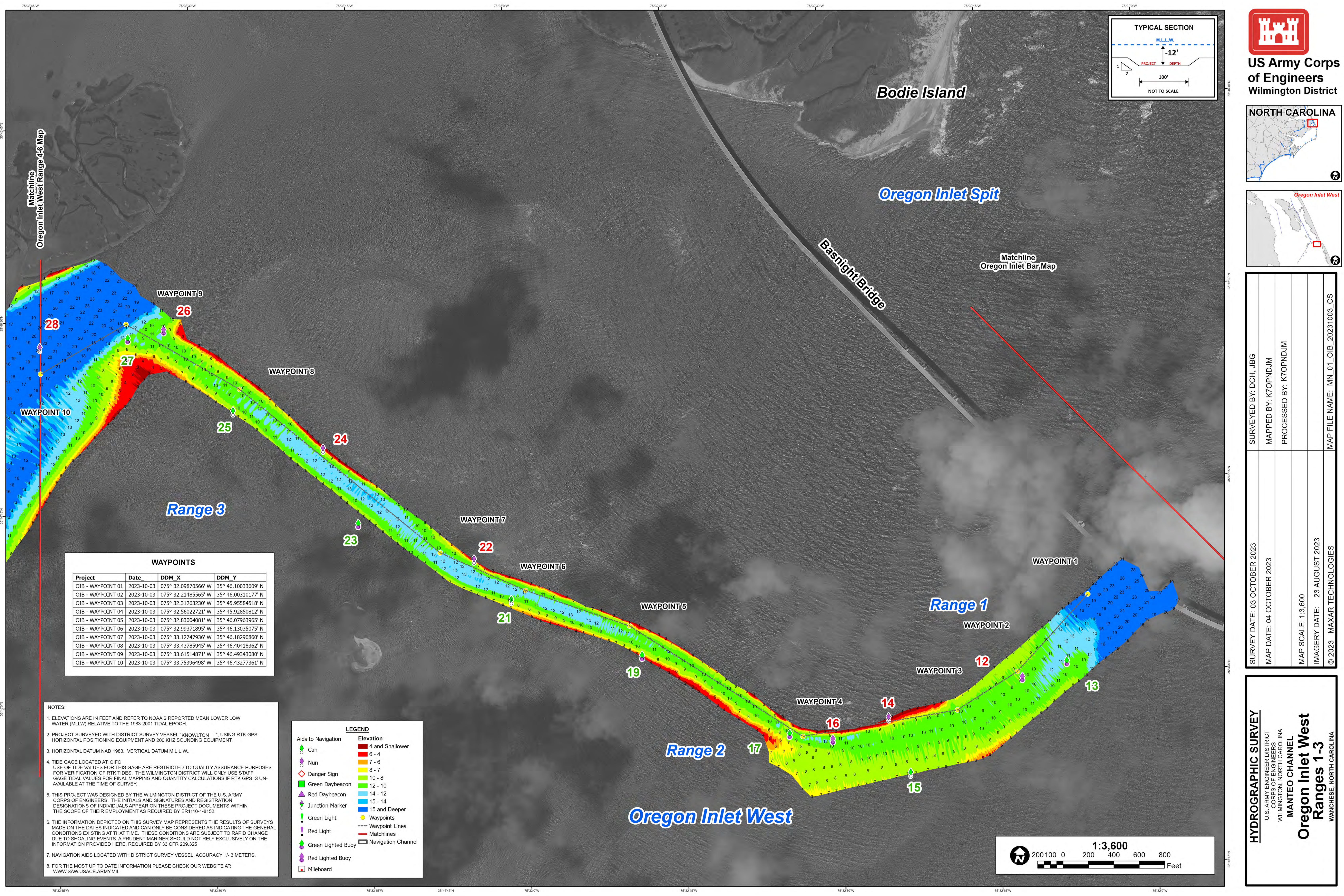
**US Army Corps
of Engineers**
Wilmington District

NORTH CAROLINA



SURVEYED BY: JCC, JBG	SURVEY DATE: 14 NOVEMBER 2023
MAPPED BY: K7OPNDJM	MAP DATE: 16 NOVEMBER 2023
PROCESSED BY: K7OPNDJM	
	MAP SCALE: 1:3,600
	IMAGERY DATE: 23 AUGUST 2023
MAP FILE NAME: MN_01_OIB_20231114_CS	© 2023 MAXAR TECHNOLOGIES

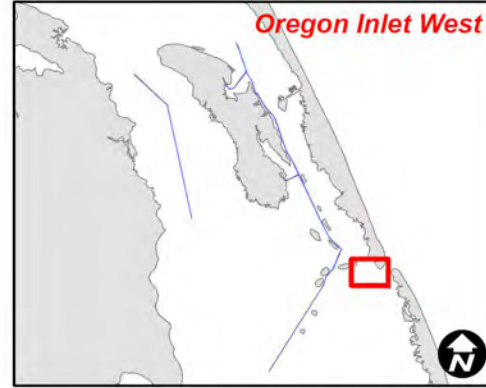
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA
MANTEO CHANNEL
Oregon Inlet West
Ranges 1-3
WACHUSE, NORTH CAROLINA





**US Army Corps
of Engineers**
Wilmington District

NORTH CAROLINA



SURVEYED BY: DCH, JBG	SURVEY DATE: 03 OCTOBER 2023
MAPPED BY: K7OPNDJM	MAP DATE: 04 OCTOBER 2023
PROCESSED BY: K7OPNDJM	
	MAP SCALE: 1:3,600
	IMAGERY DATE: 23 AUGUST 2023
	© 2023 MAXAR TECHNOLOGIES
MAP FILE NAME: MN_01_OIB_20231003_CS	

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

Oregon Inlet West
Ranges 1-3
WACHUSE, NORTH CAROLINA

NOTES:

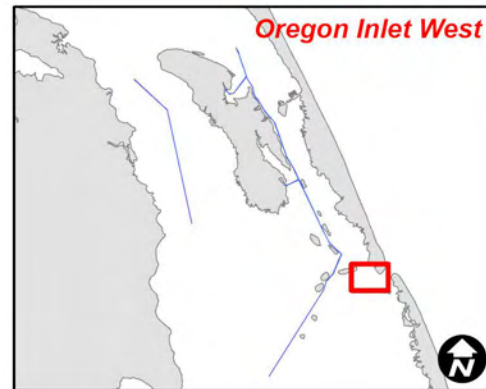
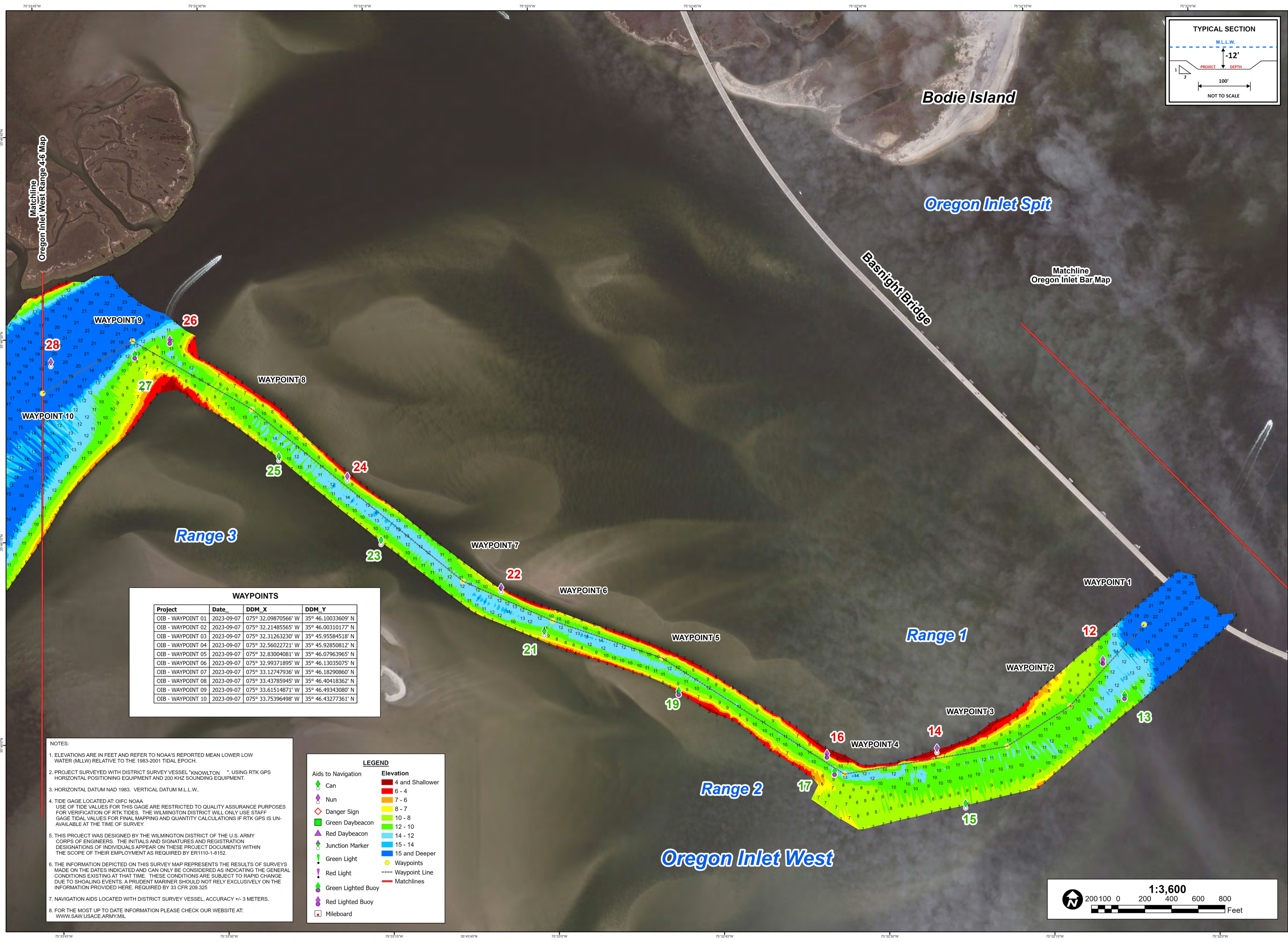
- ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
- PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "KNOWLTON", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
- HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
- 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 TIDAL 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



Elevation


 Waypoint Lines
 Matchlines
 Navigation Channel



SURVEY DATE: 07 SEPTEMBER 2023	SURVEYED BY: DCH, JBG
MAP DATE: 07 SEPTEMBER 2023	MAPPED BY: K7OPNDJM
	PROCESSED BY: K7OPNDJM
MAP SCALE: 1:3,600	
IMAGERY DATE: 12 MAY 2023	
© 2023 MAXAR TECHNOLOGIES	MAP FILE NAME: MN_01_OIB_20230907_CS

HYDROGRAPHIC SURVEY

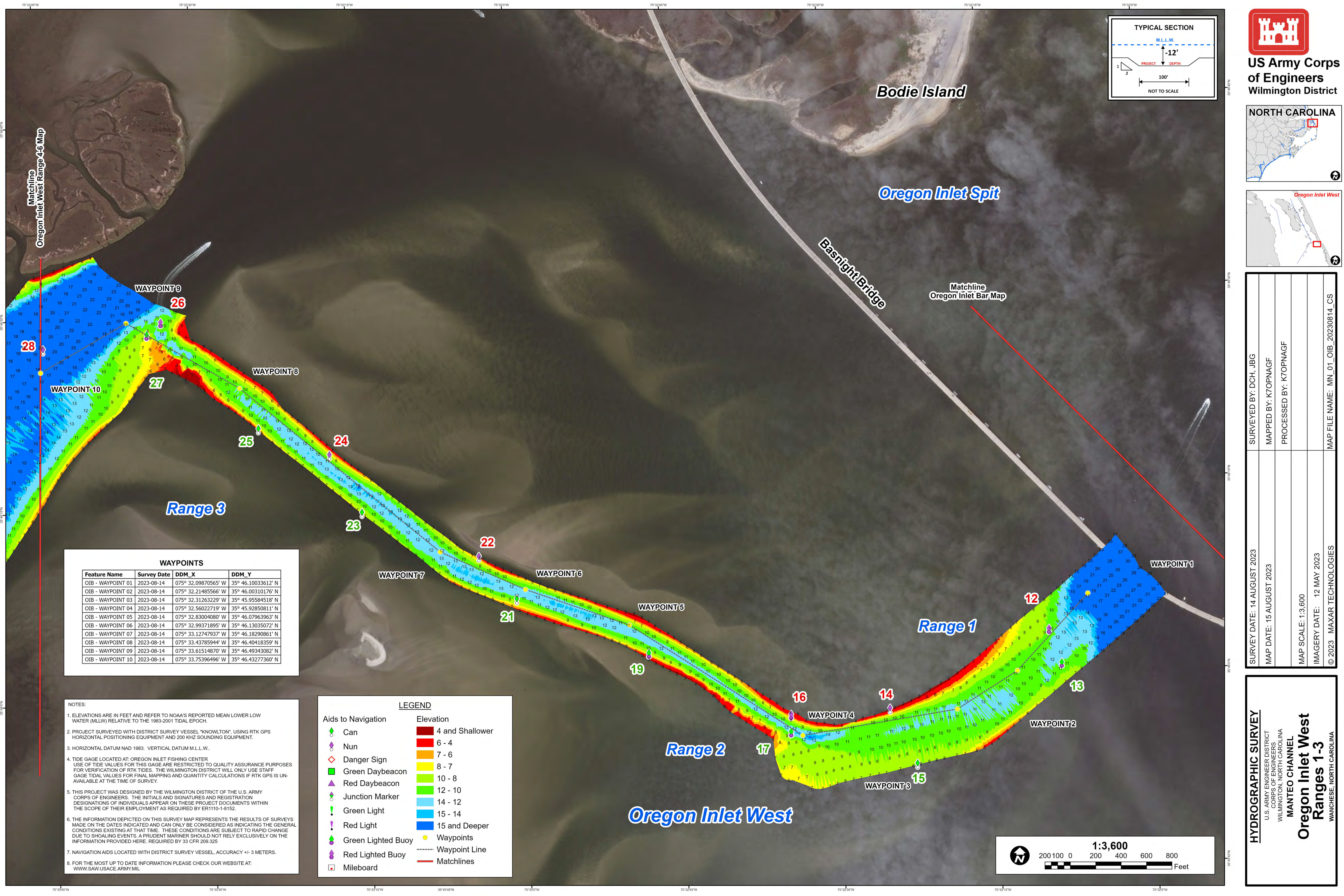
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

MANTEO CHANNEL

Oregon Inlet West

Ranges 1-3

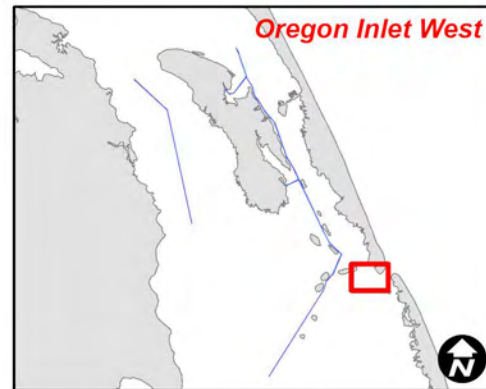
WANCHESSE, NORTH CAROLINA





**US Army Corps
of Engineers**
Wilmington District

NORTH CAROLINA



SURVEYED BY: DCH, JBG	SURVEY DATE: 14 AUGUST 2023
MAPPED BY: KTOPNAGF	MAP DATE: 15 AUGUST 2023
PROCESSED BY: KTOPNAGF	
	MAP SCALE: 1:3,600
	IMAGERY DATE: 12 MAY 2023
MAP FILE NAME: MN_01_OIB_20230814_CS	© 2023 MAXAR TECHNOLOGIES

HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA
MANTEO CHANNEL
Oregon Inlet West
Ranges 1-3
WANCHESE, NORTH CAROLINA

WAYPOINTS			
Feature Name	Survey Date	DDM_X	DDM_Y
OIB - WAYPOINT 01	2023-08-14	075° 32.09870565' W	35° 46.10033612' N
OIB - WAYPOINT 02	2023-08-14	075° 32.21485566' W	35° 46.00310176' N
OIB - WAYPOINT 03	2023-08-14	075° 32.31263229' W	35° 45.95584518' N
OIB - WAYPOINT 04	2023-08-14	075° 32.56022719' W	35° 45.92850811' N
OIB - WAYPOINT 05	2023-08-14	075° 32.83004080' W	35° 46.07963963' N
OIB - WAYPOINT 06	2023-08-14	075° 32.99371895' W	35° 46.13035072' N
OIB - WAYPOINT 07	2023-08-14	075° 33.12747937' W	35° 46.18290861' N
OIB - WAYPOINT 08	2023-08-14	075° 33.43785944' W	35° 46.40418359' N
OIB - WAYPOINT 09	2023-08-14	075° 33.61514870' W	35° 46.49343082' N
OIB - WAYPOINT 10	2023-08-14	075° 33.75396496' W	35° 46.43277360' 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 "KNOWLTON", 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: OREGON INLET FISHING CENTER
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.
 - 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.
 - 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

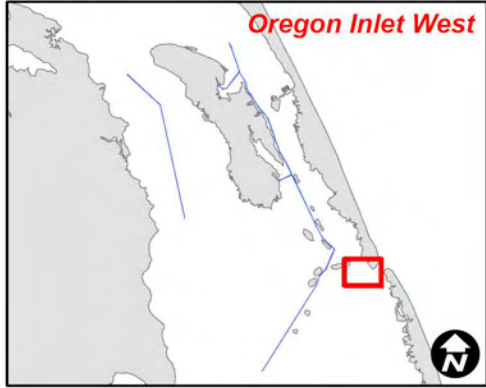
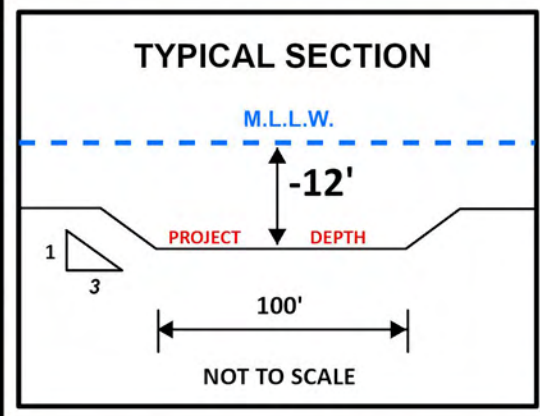
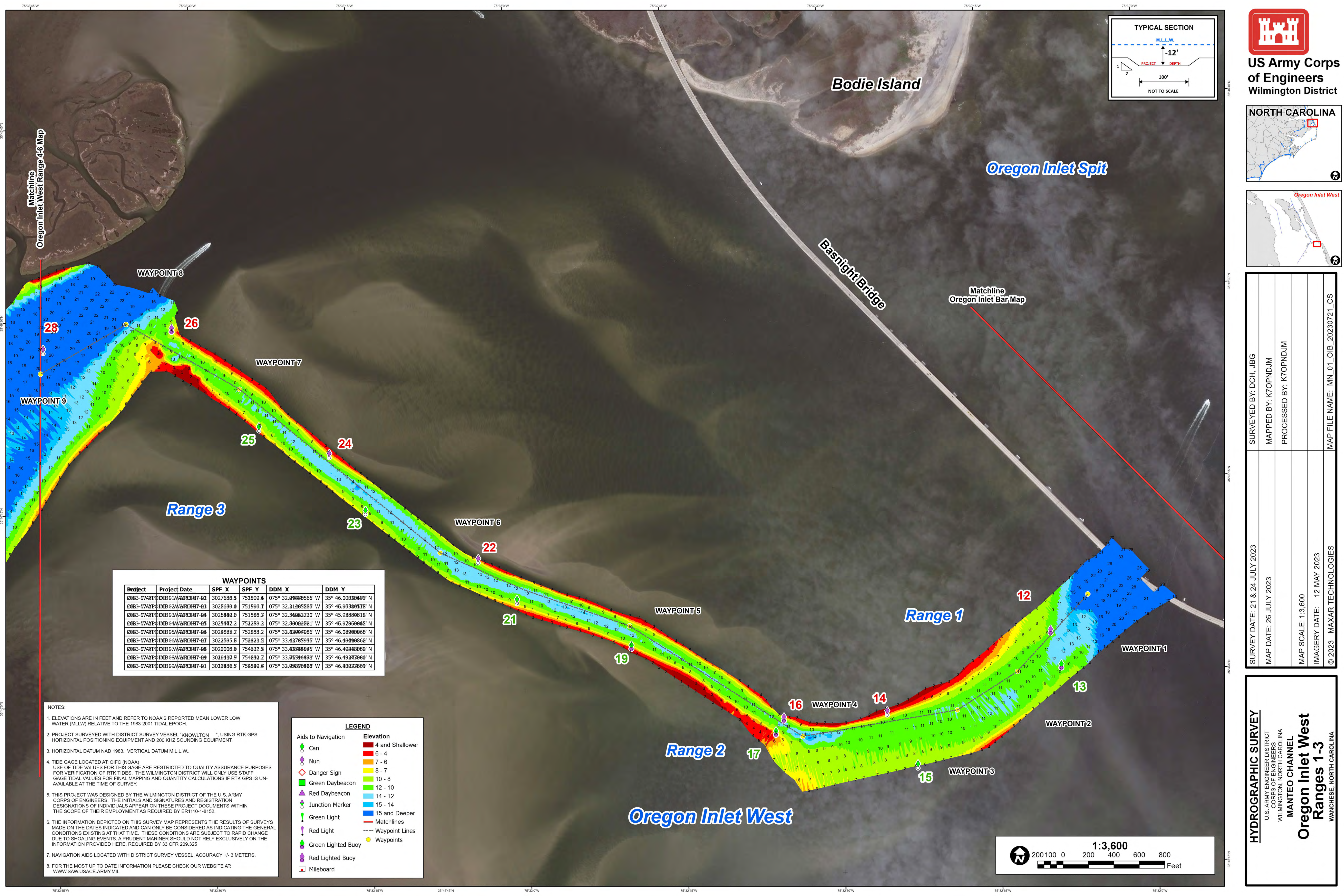
LEGEND

Aids to Navigation

- 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
- Matchlines



SURVEY DATE: 21 & 24 JULY 2023	SURVEYED BY: DCH, JBG
MAP DATE: 26 JULY 2023	MAPPED BY: K7OPNDJM
	PROCESSED BY: K7OPNDJM
MAP SCALE: 1:3,600	
IMAGERY DATE: 12 MAY 2023	
© 2023 MAXAR TECHNOLOGIES	MAP FILE NAME: MN_01_OIB_20230721_CS

HYDROGRAPHIC SURVEY

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

Oregon Inlet West
Ranges 1-3

WANCHESSE, NORTH CAROLINA

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 M.L.L.W..
- TIDE GAGE LOCATED AT: OFC (NOAA). 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 ER1110-1-8152.
- 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

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

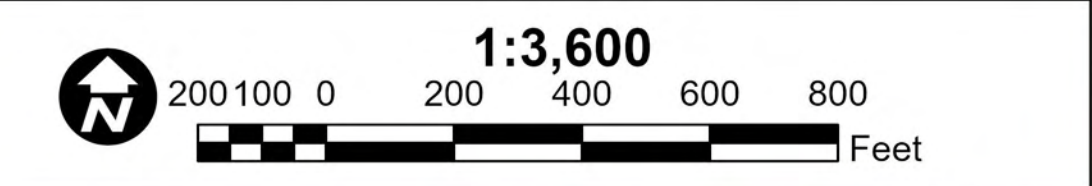
15 - 14

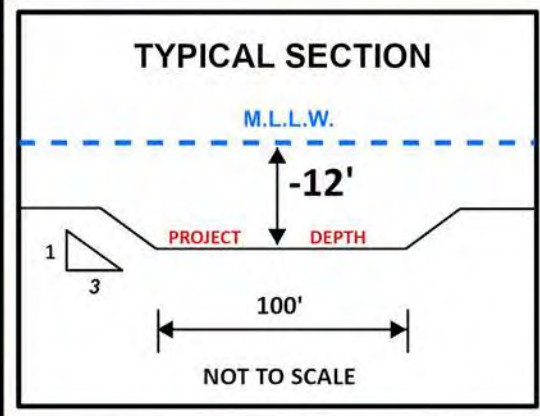
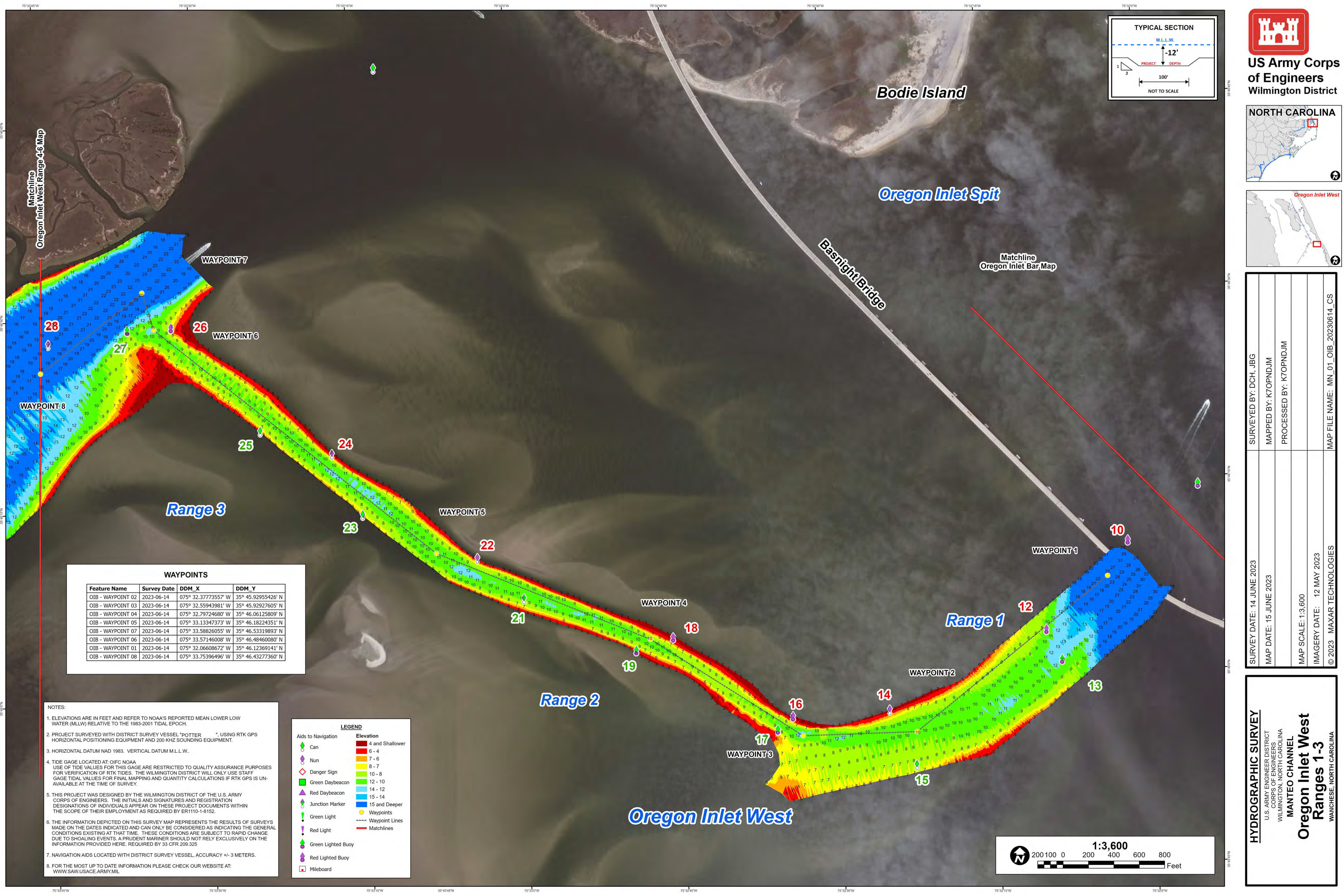
15 and Deeper

Matchlines

Waypoint Lines

Waypoints





SURVEYED BY: DCH, JBG	
MAPPED BY: KTOPNDJM	
PROCESSED BY: KTOPNDJM	
MAP SCALE: 1:3,600	
IMAGERY DATE: 12 MAY 2023	
© 2023 MAXAR TECHNOLOGIES	
MAP FILE NAME: MN_01_OIB_20230614_CS	

WAYPOINTS			
Feature Name	Survey Date	DDM_X	DDM_Y
OIB - WAYPOINT 02	2023-06-14	075° 32.37773557' W	35° 45.92955426' N
OIB - WAYPOINT 03	2023-06-14	075° 32.55943981' W	35° 45.92927605' N
OIB - WAYPOINT 04	2023-06-14	075° 32.79724680' W	35° 46.06125809' N
OIB - WAYPOINT 05	2023-06-14	075° 33.13347373' W	35° 46.18224351' N
OIB - WAYPOINT 07	2023-06-14	075° 33.58826055' W	35° 46.53319893' N
OIB - WAYPOINT 06	2023-06-14	075° 33.57146008' W	35° 46.48460080' N
OIB - WAYPOINT 01	2023-06-14	075° 32.06608672' W	35° 46.12369141' N
OIB - WAYPOINT 08	2023-06-14	075° 33.75396496' W	35° 46.43277360' 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 "POTTER", 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: OIFC NOAA. 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

- 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 Lines

Matchlines

HYDROGRAPHIC SURVEY

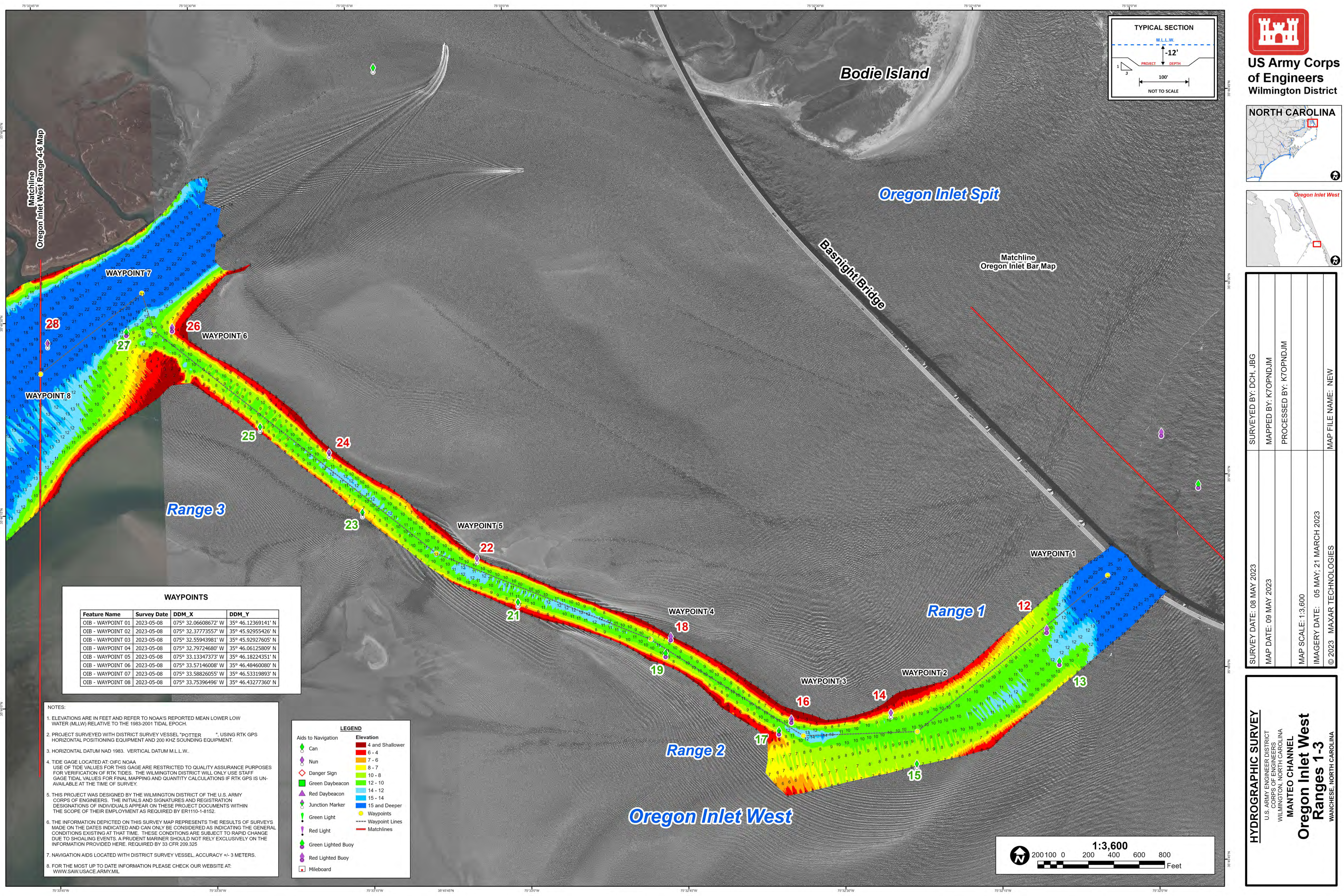
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

MANTEO CHANNEL

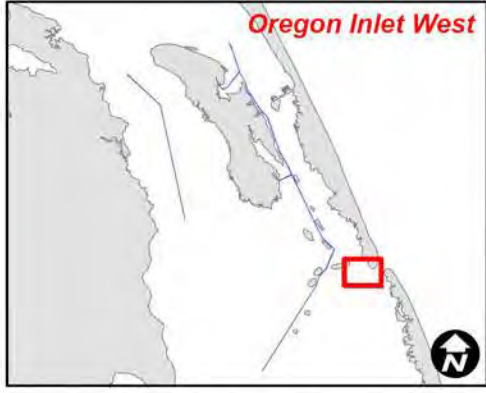
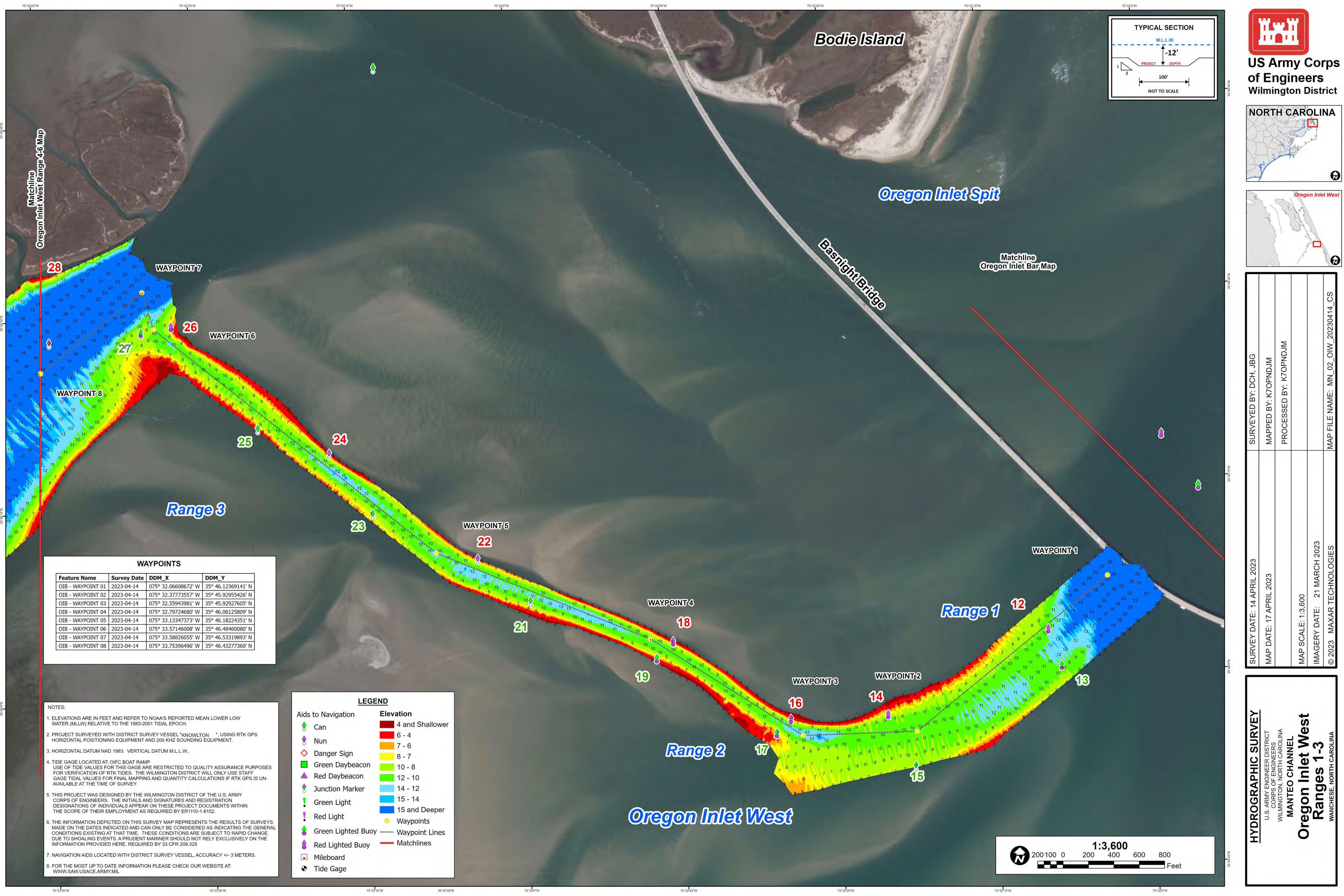
Oregon Inlet West

Ranges 1-3

WANCHESSE, NORTH CAROLINA



SURVEYED BY: DCH, JBG	SURVEY DATE: 08 MAY 2023
MAPPED BY: K7OPNDJM	MAP DATE: 09 MAY 2023
PROCESSED BY: K7OPNDJM	
	MAP SCALE: 1:3,600
	IMAGERY DATE: 05 MAY; 21 MARCH 2023
MAP FILE NAME: NEW	© 2023 MAXAR TECHNOLOGIES



SURVEYED BY: DCH, JBG	
MAPPED BY: K7OPNDJM	
PROCESSED BY: K7OPNDJM	
MAP SCALE: 1:3,600	
IMAGERY DATE: 21 MARCH 2023	
© 2023 MAXAR TECHNOLOGIES	
MAP FILE NAME: MN_02_OIW_20230414_CS	

WAYPOINTS			
Feature Name	Survey Date	DDM_X	DDM_Y
OIB - WAYPOINT 01	2023-04-14	075° 32.06608672' W	35° 46.12369141' N
OIB - WAYPOINT 02	2023-04-14	075° 32.37773557' W	35° 45.92955426' N
OIB - WAYPOINT 03	2023-04-14	075° 32.55943981' W	35° 45.92927605' N
OIB - WAYPOINT 04	2023-04-14	075° 32.79724680' W	35° 46.06125809' N
OIB - WAYPOINT 05	2023-04-14	075° 33.13347373' W	35° 46.18224351' N
OIB - WAYPOINT 06	2023-04-14	075° 33.57146008' W	35° 46.48460080' N
OIB - WAYPOINT 07	2023-04-14	075° 33.58826055' W	35° 46.53319893' N
OIB - WAYPOINT 08	2023-04-14	075° 33.75396496' W	35° 46.43277360' 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 "KNOWLTON", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
- HORIZONTAL DATUM NAD 1983. VERTICAL DATUM MLLW.
- TIDE GAGE LOCATED AT: OIFC BOAT RAMP. 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.
- 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

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

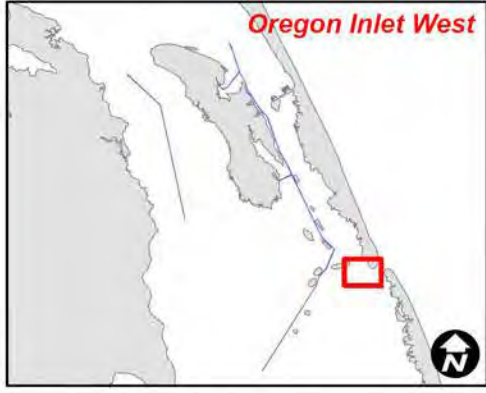
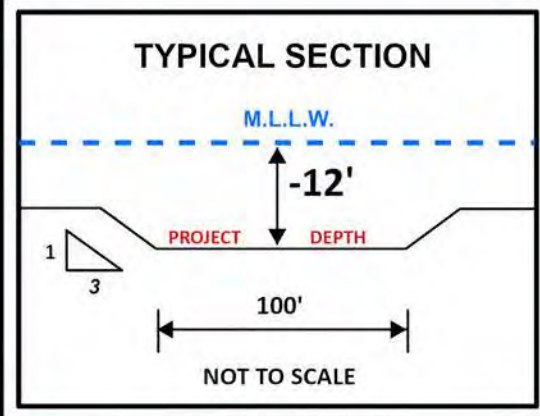
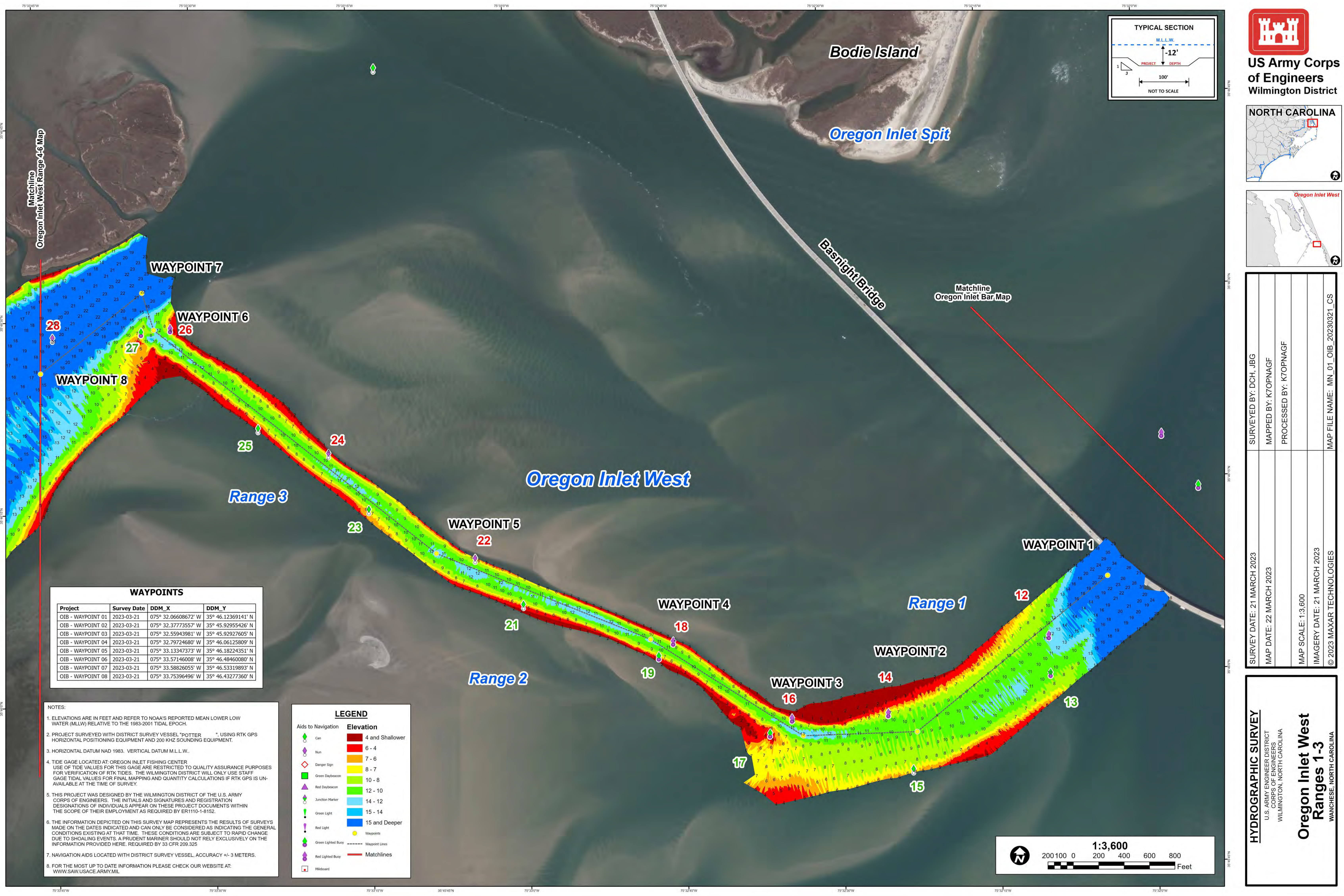
Elevation

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

Waypoints

Waypoint Lines

Matchlines



SURVEY DATE: 21 MARCH 2023	SURVEYED BY: DCH, JBG
MAP DATE: 22 MARCH 2023	MAPPED BY: KTOPNAGF
	PROCESSED BY: KTOPNAGF
MAP SCALE: 1:3,600	
IMAGERY DATE: 21 MARCH 2023	
© 2023 MAXAR TECHNOLOGIES	MAP FILE NAME: MN_01_OIB_20230321_CS

WAYPOINTS

Project	Survey Date	DDM_X	DDM_Y
OIB - WAYPOINT 01	2023-03-21	075° 32.06608672' W	35° 46.12369141' N
OIB - WAYPOINT 02	2023-03-21	075° 32.37773557' W	35° 45.92955426' N
OIB - WAYPOINT 03	2023-03-21	075° 32.55943981' W	35° 45.92927605' N
OIB - WAYPOINT 04	2023-03-21	075° 32.79724680' W	35° 46.06125809' N
OIB - WAYPOINT 05	2023-03-21	075° 33.13347373' W	35° 46.18224351' N
OIB - WAYPOINT 06	2023-03-21	075° 33.57146008' W	35° 46.48460080' N
OIB - WAYPOINT 07	2023-03-21	075° 33.58826055' W	35° 46.53319893' N
OIB - WAYPOINT 08	2023-03-21	075° 33.75396496' W	35° 46.43277360' N

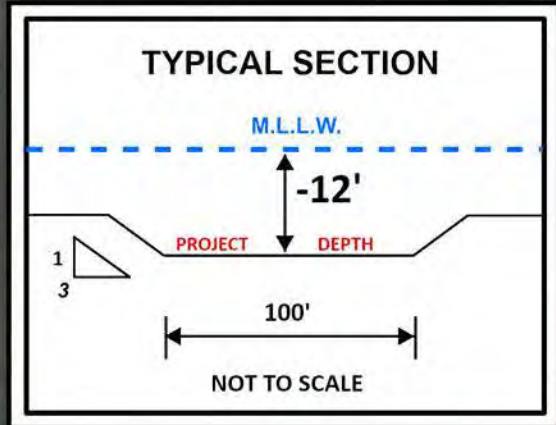
NOTES:

- 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 "POTTER", 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: OREGON INLET FISHING CENTER. 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.
- 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 ERT1110-1-8.152.
- 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	15 and Deeper
Mileboard	Waypoints
	Waypoint Lines
	Matchlines

HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA
**Oregon Inlet West
Ranges 1-3**
WANCHSE, NORTH CAROLINA



US Army Corps
of Engineers
Wilmington District

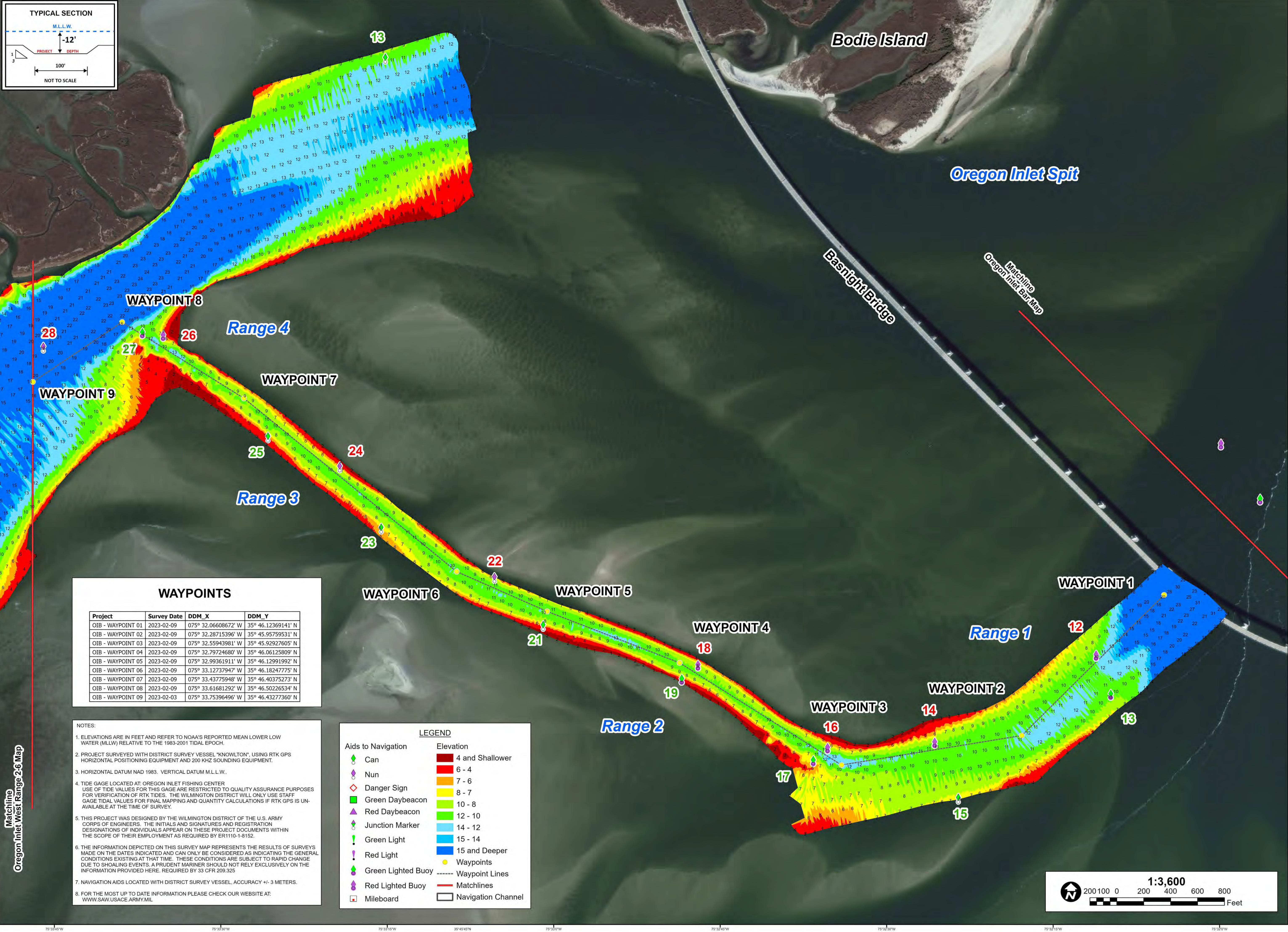


SURVEY DATE: 03 & 09 FEBRUARY 2023	SURVEYED BY: DCH, JBG
MAP DATE: 13 FEBRUARY 2023	MAPPED BY: KTOPNAGF
	PROCESSED BY: KTOPNAGF
MAP SCALE: 1:3,600	
IMAGERY DATE: 28 JANUARY 2023	
© 2023 MAXAR TECHNOLOGIES	MAP FILE NAME: MN_01_OIB_20230209_CS

HYDROGRAPHIC SURVEY

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

Oregon Inlet West
Ranges 1-3
WANCHESSE, NORTH CAROLINA



WAYPOINTS

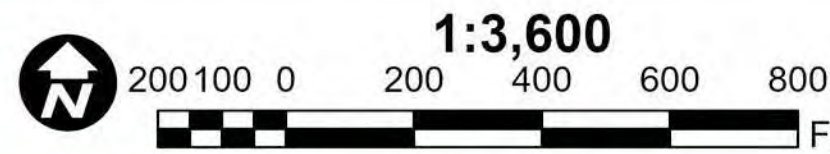
Project	Survey Date	DDM_X	DDM_Y
OIB - WAYPOINT 01	2023-02-09	075° 32.06608672' W	35° 46.12369141' N
OIB - WAYPOINT 02	2023-02-09	075° 32.28715396' W	35° 45.95759531' N
OIB - WAYPOINT 03	2023-02-09	075° 32.55943981' W	35° 45.92927605' N
OIB - WAYPOINT 04	2023-02-09	075° 32.79724680' W	35° 46.06125809' N
OIB - WAYPOINT 05	2023-02-09	075° 32.99361911' W	35° 46.12991992' N
OIB - WAYPOINT 06	2023-02-09	075° 33.12737947' W	35° 46.18247775' N
OIB - WAYPOINT 07	2023-02-09	075° 33.43775948' W	35° 46.40375273' N
OIB - WAYPOINT 08	2023-02-09	075° 33.61681292' W	35° 46.50226534' N
OIB - WAYPOINT 09	2023-02-03	075° 33.75396496' W	35° 46.43277360' N

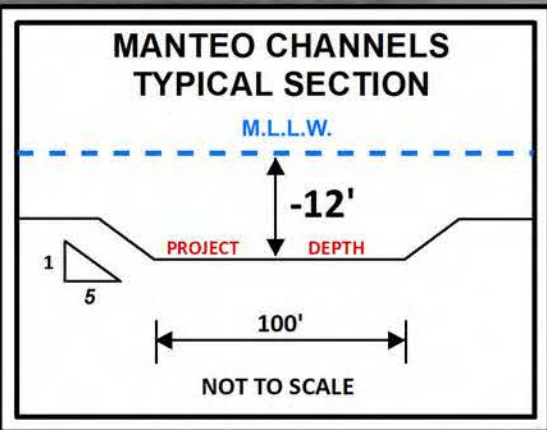
NOTES:

- 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 "KNOWLTON", 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: OREGON INLET FISHING CENTER. 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 ER1110-1-8152.
- 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





US Army Corps
of Engineers
Wilmington District

NORTH CAROLINA



Oregon Inlet West



SURVEYED BY: DCH, TMH, RWA, JBG	SURVEY DATES: 30 JUNE, 22-23 NOVEMBER 2022
MAPPED BY: KTOPNAGF	& 06 JANUARY 2023
PROCESSED BY: KTOPNAGF	MAP DATE: 09 JANUARY 2023
	MAP SCALE: 1:3,600
	IMAGERY DATE: 29 DECEMBER 2022
MAP FILE NAME: MN_02_OIW_20230108_CS	© 2022 DIGITALGLOBE NEXTVIEW LICENSE

HYDROGRAPHIC SURVEY

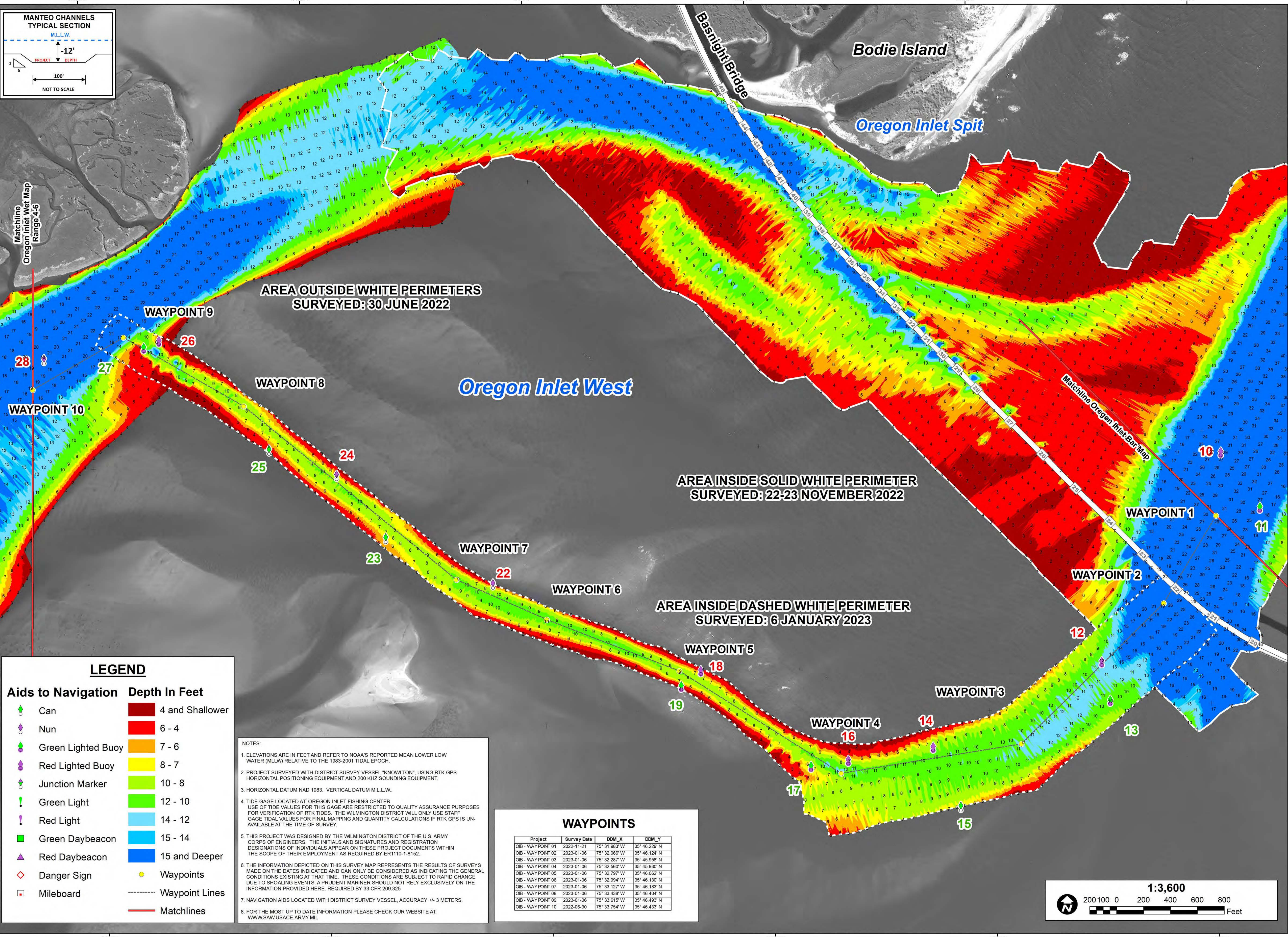
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

MANTEO CHANNELS

Oregon Inlet West

Ranges 1-3

WANCHESSE, NORTH CAROLINA



AREA OUTSIDE WHITE PERIMETERS
SURVEYED: 30 JUNE 2022

AREA INSIDE SOLID WHITE PERIMETER
SURVEYED: 22-23 NOVEMBER 2022

AREA INSIDE DASHED WHITE PERIMETER
SURVEYED: 6 JANUARY 2023

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
	Matchlines

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 "KNOXVILLE", 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 OREGON INLET FISHING CENTER. 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 ER1110-1-8152.
- 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

WAYPOINTS

Project	Survey Date	DOM_X	DOM_Y
OIB - WAYPOINT 01	2022-11-21	75° 31.983' W	35° 46.229' N
OIB - WAYPOINT 02	2023-01-06	75° 32.066' W	35° 46.124' N
OIB - WAYPOINT 03	2023-01-06	75° 32.287' W	35° 45.958' N
OIB - WAYPOINT 04	2023-01-06	75° 32.560' W	35° 45.930' N
OIB - WAYPOINT 05	2023-01-06	75° 32.797' W	35° 46.062' N
OIB - WAYPOINT 06	2023-01-06	75° 32.994' W	35° 46.130' N
OIB - WAYPOINT 07	2023-01-06	75° 33.127' W	35° 46.183' N
OIB - WAYPOINT 08	2023-01-06	75° 33.438' W	35° 46.404' N
OIB - WAYPOINT 09	2023-01-06	75° 33.615' W	35° 46.493' N
OIB - WAYPOINT 10	2022-06-30	75° 33.754' W	35° 46.433' N

