75°33'0"W 75°32'30"W 75°32'0"W

35°46'30"N

35°46'0"N

Bodie Island

Matchline
Oregon Inlet Bar Map

Oregon Inlet Spit

AREA WITHIN PERIMETER
SURVEYED: NOVEMBER 30, 2016

AREA OUTSIDE PERIMETER
SURVEYED: NOVEMBER 3, 2016

Tide Gage
NW Fender

Bonner Bridge

Matchline
Oregon Inlet West Range 2-6 Map

Oregon Inlet West Range 1

Pea Island

WAYPOINT 1
WAYPOINT 2
WAYPOINT 3
WAYPOINT 4
WAYPOINT 5
WAYPOINT 6
WAYPOINT 7

26 25 24 23 21A 21 19 14 13 12 11

MANTEO CHANNELS
TYPICAL SECTION

M.L.L.W.
-14'
PROJECT DEPTH
1 on 5
Varies
NOT TO SCALE

US Army Corps of Engineers
Wilmington District

NORTH CAROLINA
Manteo
Morehead City

Oregon Inlet Spit
Manteo
PAMLICO SOUND

SURVEYED BY: DCH, BRJ, SSS
MAPPED: K7OPNSMG
PROCESSED BY: K7OPNDJM
SURVEY DATE: 3 & 30 NOVEMBER 2016
MAP DATE: 01 DECEMBER 2016
MAP SCALE: 1:3,000
IMAGERY DATE: 17 SEPTEMBER 2016
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MAP FILE NAME: MN_01_OIB_20161130.MXD

WAYPOINTS

Project	Survey Date	SPF_X	SPF_Y	DMS_X	DMS_Y
OIB - Waypoint 1	2016-11-30	3029277	755344	75° 31' 45.424" W	35° 46' 33.491" N
OIB - Waypoint 2	2016-11-30	3028902	754526	75° 31' 50.325" W	35° 46' 25.526" N
OIB - Waypoint 3	2016-11-30	3027517	754432	75° 32' 7.166" W	35° 46' 25.084" N
OIB - Waypoint 4	2016-11-30	3026646	753770	75° 32' 18.013" W	35° 46' 18.836" N
OIB - Waypoint 5	2016-11-30	3025798	754777	75° 32' 27.868" W	35° 46' 29.079" N
OIB - Waypoint 6	2016-11-03	3023722	755937	75° 32' 52.559" W	35° 46' 41.266" N
OIB - Waypoint 7	2016-11-03	3022376	756905	75° 33' 8.861" W	35° 46' 42.402" N

1:3,000
0 100 200 400 600 800 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 "KNOWLTON & 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: NORTH WEST FENDER & OREGON INLET 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 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

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
- Tide Gage

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
- Matchlines

HYDROGRAPHIC SURVEY

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

MANTEO CHANNELS

Oregon Inlet Spit
Oregon Inlet West 1

MANTEO, NORTH CAROLINA