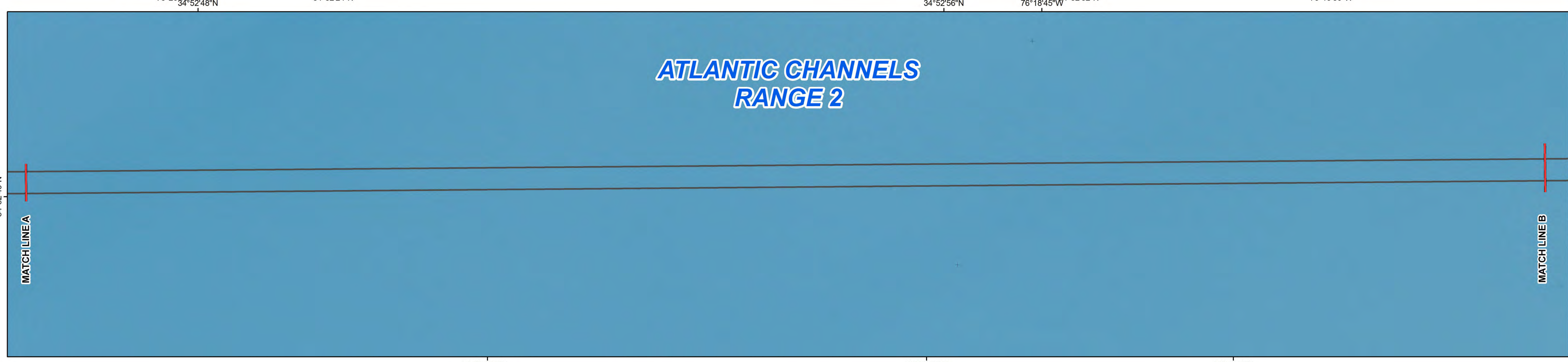


US Army Corps of Engineers
Wilmington District

NORTH CAROLINA



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

ATLANTIC CHANNELS RANGE 2

ATLANTIC INTRACOASTAL WATERWAY CONNECTING PAMLICO SOUND & BEAUFORT HARBOR, NC

NOTES:

- SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO LOCAL M.L.W...
- PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "CAPTAIN WALT", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
- HORIZONTAL DATUM NAD 1983. VERTICAL DATUM ATLANTIC.
- TIDE GAGE LOCATED AT: LIGHT # 6 (AT ENTRANCE TO ATLANTIC HARBOR OF REFUGE) 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.
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- 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
- Green Lighted Buoy
- Red Lighted Buoy
- Junction Marker
- Green Light
- Red Light
- Green Daybeacon
- Red Daybeacon
- Danger Sign
- Mileboard
- Tide Gage
- Matchlines
- Waypoints
- Waypoint Lines
- Navigation_Channel

DEPTH IN FEET

- 0 - 4
- 4 - 6
- 6 - 7
- 7 - 8
- 8 - 10
- 10 - 12
- 12 - 14
- 14 - 15
- 15 and deeper

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AIDS TO NAVIGATION

Type	Number	Survey Date	SPF_X	SPF_Y	DMS_X	DMS_Y
Red Light	22	2012-04-16	2801869	420908	76° 19' 33.763" W	34° 52' 36.629" N
Red Daybeacon	22A	2014-01-09	2799821	420293	76° 19' 58.531" W	34° 52' 31.095" N
Can	23	2014-01-09	2798837	419943	76° 20' 10.448" W	34° 52' 27.891" N

WAYPOINTS

Project	Survey Date	SPF_X	SPF_Y	DMS_X	DMS_Y
Atlantic Channels - Waypoint 01	2014-01-09	2802537	421236	76° 19' 25.845" W	34° 52' 39.701" N
Atlantic Channels - Waypoint 02	2014-01-09	2799619	420122	76° 20' 1.013" W	34° 52' 29.461" N
Atlantic Channels - Waypoint 03	2014-01-09	2799002	420158	76° 20' 6.408" W	34° 52' 29.979" N
Atlantic Channels - Waypoint 04	2014-01-09	2798102	419913	76° 20' 19.279" W	34° 52' 27.795" N

SCALE: 1 : 2,000

IMAGERY DATE: SEPTEMBER 10, 2013 © DIGITALGLOBE, INC.

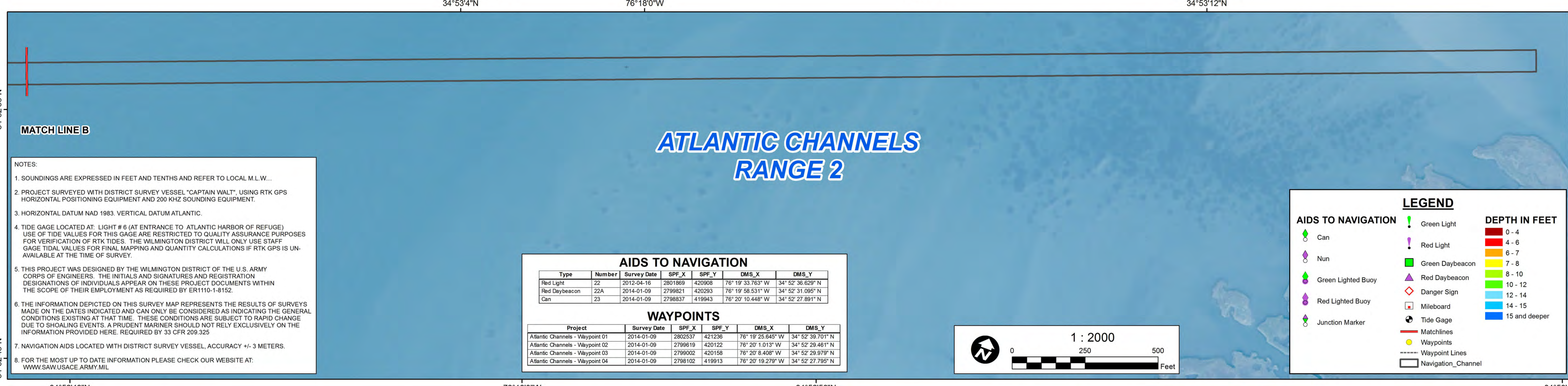
SURVEY DATE(S): JANUARY 8 & 9, 2014

MAP DATE: JANUARY 14, 2014

SURVEYED BY: CRP, JBG

MAPPED BY: MSA

MAP FILE NAME: ATLANTIC_CHANNEL_R2_2014-01-09_CS.MXD



HYDROGRAPHIC SURVEY
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