NAUTICAL CHART 11541
INTRACOASTAL WATERWAY

THE NATION'S CHARTMAKER SINCE 1807

NORTH CAROLINA
NEUSE RIVER TO MYRTLE GROVE SOUND

Chart 11541 40th Ed., Feb. /13
Corrected through NM Feb. 23/13, LNM Feb. 19/13

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

Mercator Projection At Scale 1:40,000
SOUNDINGS IN FEET AT MEAN LOWER LOW WATER
North American Datum of 1983
(World Geodetic System 1984)

Additional information can be obtained at nauticalcharts.noaa.gov.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

HEIGHTS
Heights in feet above Mean High Water.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 4 for important supplemental information.

CAUTION
This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1)
Aids to Navigation (lights are white unless otherwise indicated):
AERO aeronautical; Al alternating; B black; Bn beacon; C can; DIA diaphone; F fixed; Fl flashing; G green; IQ interrupted quick; Iso isophase; LT HO lighthouse; M nautical mile; m minutes; MICRO TR microwave tower; Mkr marker; Mo morse code; N nun; OBSC obscured; Oc occulting; Or orange; Q quick; R red; Ra Ref radar reflector; R Bn radiobeacon; R TR radio tower; Rot rotating; s seconds; SEC sector; St M statute miles; VQ very quick; W white; WHIS whistle; Y yellow

Bottom characteristics:
Blds boulders; bk broken; Cy clay; Co coral; G gravel; Grs grass; gy gray; h hard; M mud; Oys oysters; Rk rock; S sand; so soft; Sh shells; sy sticky

Miscellaneous:
AUTH authorized; ED existence doubtful; Obstn obstruction; PA position approximate; PD position doubtful; Rep reported; Subm submerged
(21) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.
COLREGS: International Regulations for Preventing Collisions at Sea, 1972.
Demarcation lines are shown thus: — — — —

PUBLIC BOATING INSTRUCTION PROGRAMS
The United States Power Squadrons (USPS) and US Coast Guard Auxiliary (USCGAUX), national organizations of boatmen, conduct extensive boating instruction programs in communities throughout the United States. For more information regarding these educational courses, contact the following sources:

USPS - Local Squadron Commander or USPS Headquarters, P.O. Box 30423, Raleigh, NC 27612. Tel. 919-821-0281.
USCGAUX - 5th Coast Guard District, Federal Building, 431 Crwford St., Portsmouth, VA 23704-5004, Tel. 804-398-6208 or USCG Headquarters (G-BAU). Washington, DC 20593-0001.

RULES OF THE ROAD
(ABRIDGED)
Motorless craft have the right-of-way in almost all cases.
Sailing vessels and motorboats less than sixty-five feet in length shall not hamper, in a narrow channel, the safe passage of a vessel which can navigate only inside that channel.
A motorboat being overtaken has the right-of-way.
Motorboats approaching head to head or nearly so should pass port to port.
When motorboats approach each other at right angles or obliquely, the boat on the right has the right-of-way in most cases.
Motorboats must keep to the right in narrow channels when safe and practicable.
Mariners are urged to become familiar with the complete text of the Rules of the Road in U.S. Coast Guard publication "Navigation Rules."

CAUTION
BASCULE BRIDGE CLEARANCES
For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

FACILITIES
Locations of public marine facilities are shown by large magenta numbers with leaders and refer to the facility tabulation.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.588" northward and 1.157" eastward to agree with this chart.

HURRICANES AND TROPICAL STORMS
Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations.
Charted soundings, channel depths and shoreline may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, extinguished or otherwise made inoperative. Mariners should not rely upon the position or operation of an aid to navigation. Wrecks and submerged obstructions may have been displaced from charted locations. Pipelines may have become uncovered or moved.
Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard unit.

ACKNOWLEDGMENT
The National Ocean Service acknowledges the exceptional cooperation received from members of the Cape Fear Power Squadrons, District 27, United States Power Squadrons, for continually providing essential information for revising this chart.

BROADCASTS OF MARINE WEATHER FORECASTS AND WARNINGS BY MARINE RADIOTELEPHONE STATIONS

CITY	STATION	FREQ.	BROADCAST TIMES	SPECIAL WARNING
Ft Macon, NC	NMN-37 (USCG)	*2670 (A3H) kHz 157.1 MHz (Ch. 22)	7:40am, 8:03pm	*On receipt *On receipt
Cape Hatteras, NC	NMN-13 (USCG)	2670 (A3H) kHz	+8:03am, 8:33pm	On receipt

*Preceded by announcement on 2182 kHz and 156.8 MHz.
+Broadcast one hour later during Daylight Saving Time.
Distress calls for small craft are made on 2182 kHz or channel 16 (156.80 MHz) VHF.

NOAA WEATHER RADIO BROADCASTS

CITY	STATION	FREQ. (kHz)	BROADCAST TIMES
New Bern, NC	KEC-84	162.400	24 hours daily
Wilmington, NC	KHB-31	162.550	24 hours daily
Cape Hatteras, NC	KIG-77	162.475	24 hours daily

MARINE WEATHER FORECASTS
NATIONAL WEATHER SERVICE

CITY	TELEPHONE NUMBER	OFFICE HOURS
Newport, NC	*(252) 223-5737	24 hours daily
Wilmington, NC	*(910) 762-4289	24 hours daily

*Recorded

PRINT-ON-DEMAND CHARTS
NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 2-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at http://ocsdata.ncd.noaa.gov/idrs/inquiry.aspx, or OceanGrafix at 1-877-56CHART or http://www.oceangrafix.com.

CAUTION
WARNINGS CONCERNING LARGE VESSELS
The "Rules of the Road" state that recreational boats shall not impede the passage of a vessel that can navigate only within a narrow channel or fairway. Large vessels may appear to move slowly due to their large size but actually transit at speeds in excess of 12 knots, requiring a great distance in which to maneuver or stop. A large vessel's superstructure may block the wind with the result that sailboats and sailboards may unexpectedly find themselves unable to maneuver. Bow and stern waves can be hazardous to small vessels. Large vessels may not be able to see small craft close to their bows.

NO	SMALL CRAFT FACILITY	CHART SIDE	APPROACH-FEET (REPORTED)	ALONGSIDE-FEET (REPORTED)	BERTHS-MOORINGS-ELECTRICITY (TRANSIENTS)	RAMP SURFACED-NATURAL	REPAIRS HULL-MOTOR-RADIO	MARINE RAILWAY-FEET	LIFT CAPACITY-TONS	BOAT RENTAL CANOE-ROW-MOTOR-KAYAK	BOAT RENTAL CHARTER-HOUSE-SAIL	FOOD-LODGING-CAMPING	TOILETS-SHOWERS-LAUNDRY PUMP-OUT STATION	WINTER STORAGE WET-DRY	NAUTICAL CHART SALES	WATER-ICE	GROCERIES-HARDWARE	BAIT-TACKLE	DIESEL OIL-GASOLINE
1	ORIENTAL MARINA & INN	A	8	6	B E							F L	T S L P			W I			D G
1E	DEATON YACHT SERVICES	A	6	6	B E		HMR		35				T S P	D		W			D G
2	ORIENTAL HARBOR MARINA	A	7	6	B E						S	F	T S L P		C	W I			D G
3	WHITTAKER POINTE MARINA	A	8	7	B E								T S L P	W		W I			D G
3C	WHITTAKER CREEK YACHT HARBOR	A	7	7	B E		M			M	S		T S L P	W		W I	H		D G
3D	SAILCRAFT SERVICE, INC.	A	7	6.5	B E		HMR		25				T S L P	WD		W I	H		D G
4A	SEA GATE MARINA	A	5	4	B E	S						C	T S L P	W		W I	GH	B T	D G
5	JARRETT BAY BOAT WORKS MARINA	A	10	8	B E		HMR		50				T S P	W	C	W I	H	T	D G
5A	CORE CREEK MARINE	A	12	12	B E		HMR	65	99				T S P			W I	H		D G
6	GRACE HARBOR MARINA	A	8	8	B E							F L	S L P	W		W I			D G
7	TOWN CREEK MARINA	A	12	12	B E		MR		50			F	T S L P		C	W I	GH	B T	D G
9	BEAUFORT TOWN DOCKS	A	15	15	B E		MR				CHS	F L	T S L P	W	C	W I	GH	B T	D G
10	MOREHEAD GULF DOCKS	A	12	12	B E							F L	T P			W I	GH	B T	D G
11	PORTSIDE MARINA	A	42	42	B E		HMR			M		F	T S L P	WD	C	W I	GH	B T	D G
12	MOREHEAD CITY YACHT BASIN	A	14	10	B E		HMR				C	F	T S L P	D		W I			D G
13	SPOONERS CREEK MARINA	A	7	12	B E								T S L P	W	C	W I	GH		D G
14	OLDE TOWNE YACHT CLUB	A	12	12	B E								T S L P			W I			D G
29	CASPER'S MARINA	B	10	10	B E							F	T S P	D		W I	GH	B T	D G
34A	HARBOUR VILLAGE MARINA	B	8	8	B E	S						F	T S P			W I			D G
40	SEAPATH YACHT CLUB	B	10	10	B E					M	C		T S L P			W I			D G
41	WRIGHTSVILLE BEACH MARINA	B	20	20	B E							F L	T S L P			W I			D G
44B	BRIDGE TENDER MARINA	B	20	20	B E						C	F L	T P	W		W I		B T	D G
45	DOCKSIDE MARINA	B	17	17	B E							F	T P	W		W I			D G

THE LOCATIONS OF THE ABOVE PUBLIC MARINE FACILITIES ARE SHOWN ON THE CHART BY MAGENTA NUMBERS AND LEADERS.
THE TABULATED "APPROACH-FEET (REPORTED)" IS THE DEPTH AVAILABLE FROM THE NEAREST NATURAL OR DREDGED CHANNEL TO THE FACILITY.
THE TABULATED "PUMP-OUT STATION" IS DEFINED AS FACILITIES AVAILABLE FOR PUMPING OUT BOAT HOLDING TANKS.

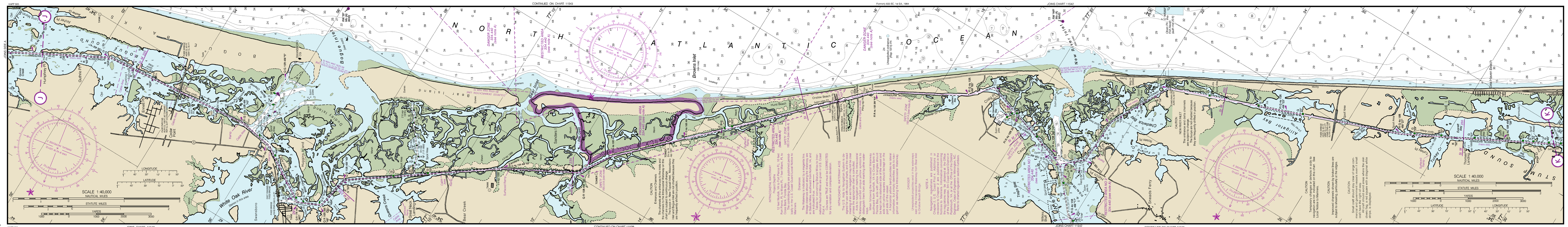
TIDAL INFORMATION

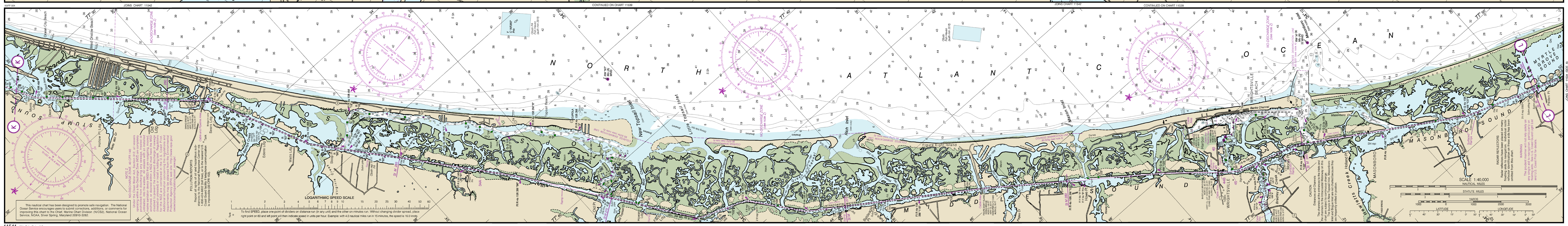
NAME	(LAT/LONG)	Mean Higher High Water (feet)	Mean High Water (feet)	Mean Low Water (feet)
Core Creek Bridge	(34°50'N/76°42'W)	2.3	2.2	0.1
Newport River	(34°46'N/76°40'W)	3.5	3.2	0.1
Beaufort, Duke Marine Lab	(34°43'N/76°40'W)	3.5	3.2	0.1
Beaufort, Taylor Creek	(34°43'N/76°39'W)	3.2	3.0	0.1
Fort Macon	(34°42'N/76°41'W)	3.5	3.3	0.1
Bogue Sound	(34°42'N/76°43'W)	3.2	2.9	0.1
Morehead City Harbor	(34°43'N/76°44'W)	3.5	3.2	0.1
Atlantic Beach Bridge	(34°43'N/76°44'W)	2.7	2.5	0.1
Coral Bay	(34°42'N/76°46'W)	1.8	1.7	0.1
Spooner Creek	(34°44'N/76°48'W)	1.4	1.3	0.1
Bogue Inlet	(34°39'N/77°06'W)	2.5	2.3	0.1
New River Inlet	(34°32'N/77°20'W)	3.4	3.1	0.1
Ocean City Beach	(34°27'N/77°30'W)	4.7	4.3	0.2
New Topsail Inlet	(34°22'N/77°38'W)	3.4	3.1	0.1
Wrightsville Beach	(34°13'N/77°47'W)	4.3	4.0	0.1

Height referred to datum of soundings (MLLW)

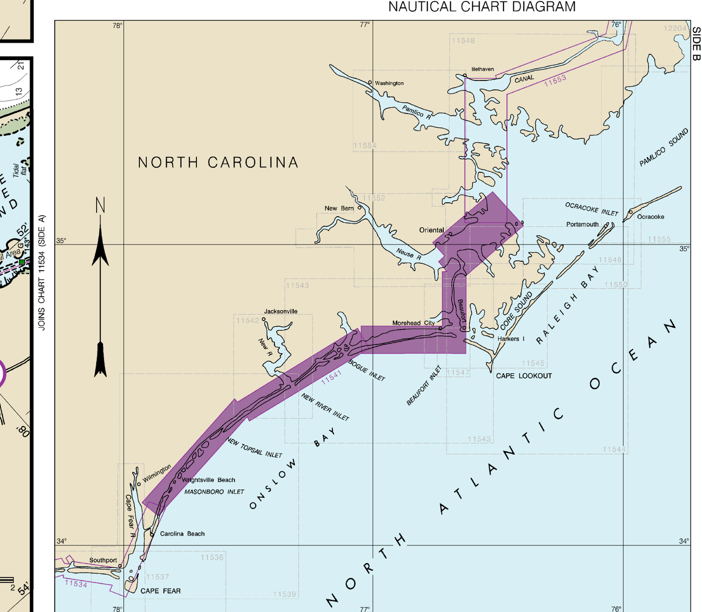
Dashes (- - -) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from http://tidesandcurrents.noaa.gov.
(Nov 2012)

SIDE B





NAUTICAL CHART DIAGRAM



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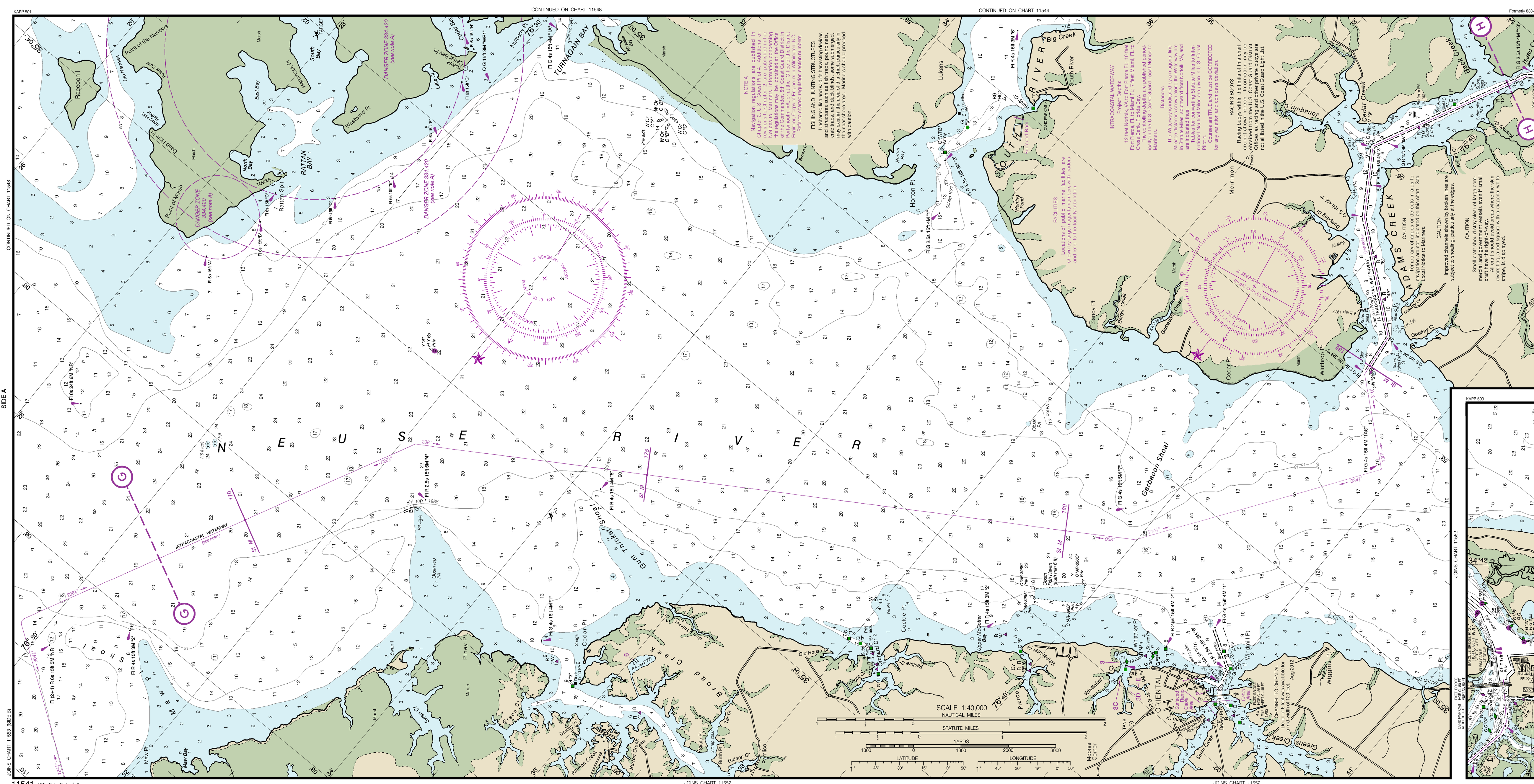
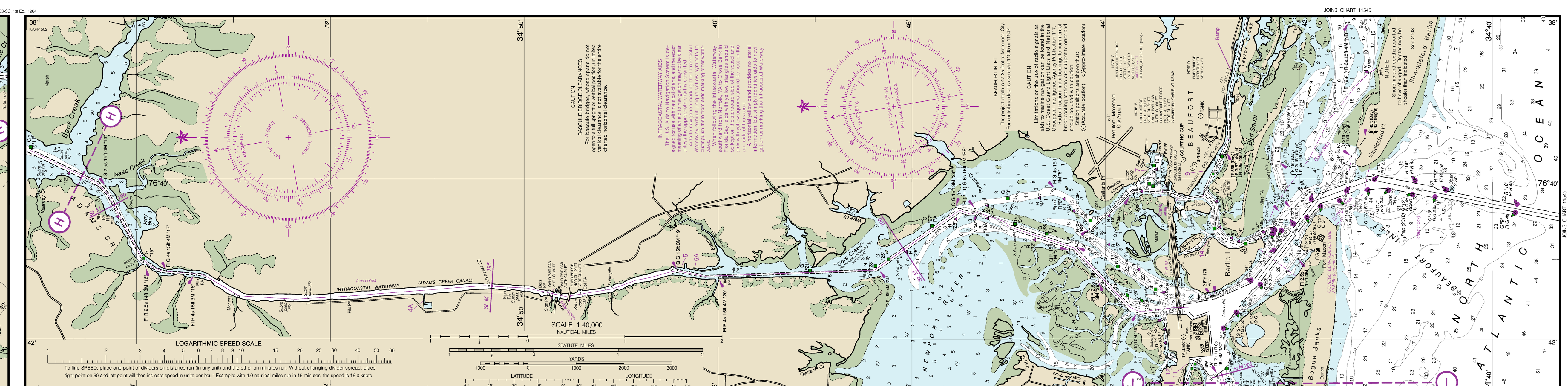
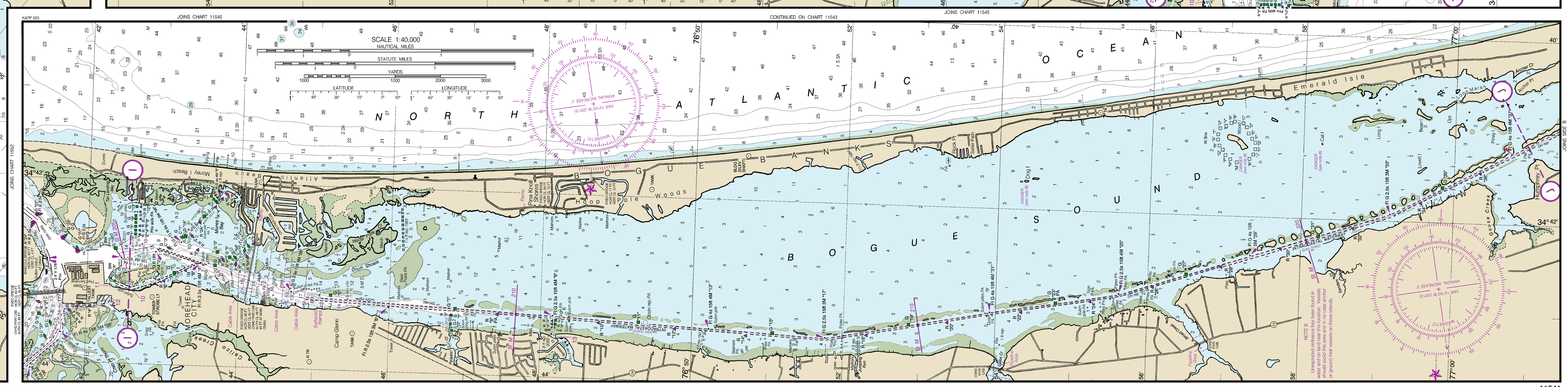
SIDE A







Last Correction: 1/14/2015. Cleared through:
LNM: 0215 (1/13/2015), NM: 0315 (1/17/2015)
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