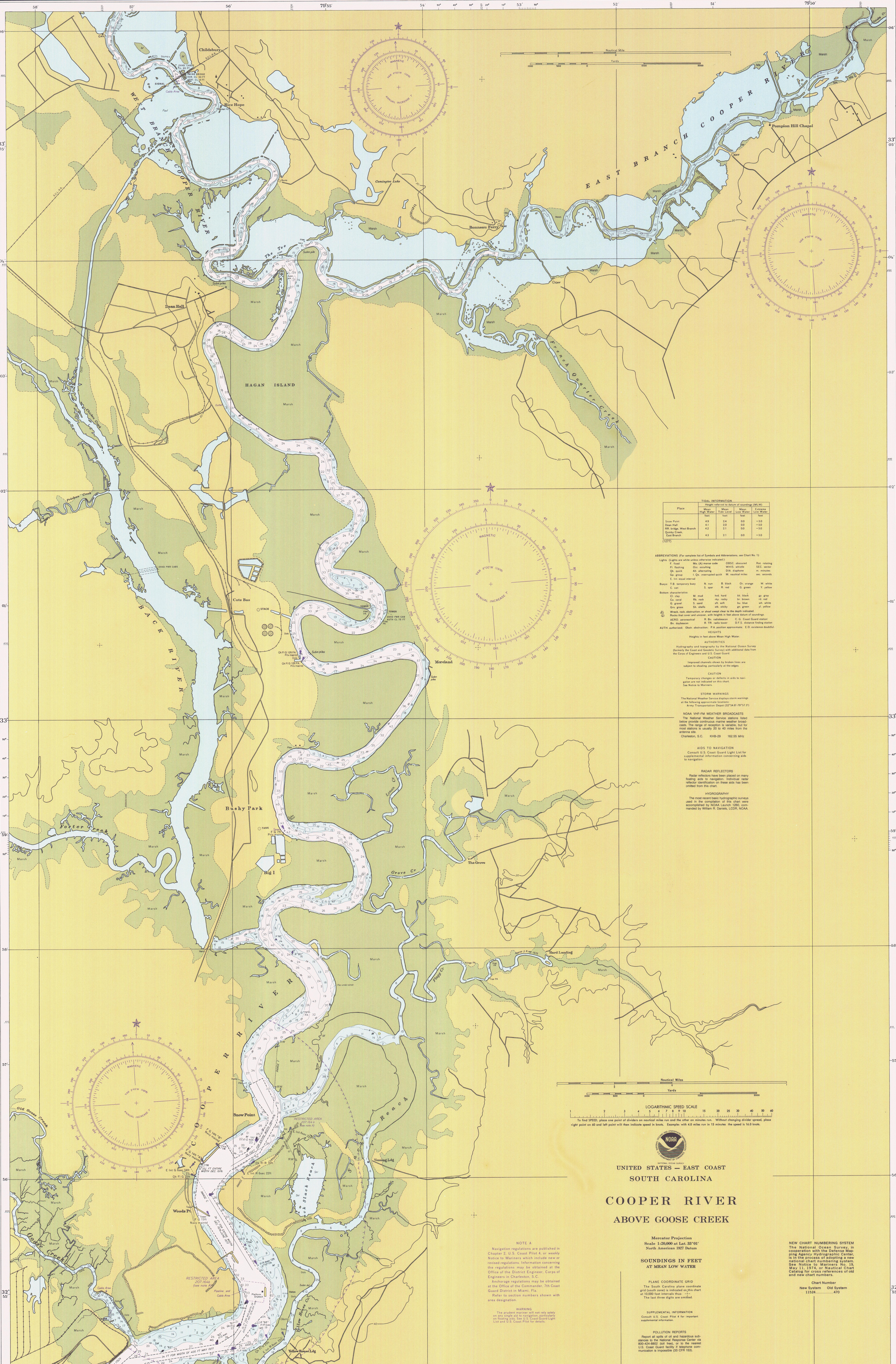

TIDAL INFORMATION

Place	Height referred to datum of soundings (MLW)			
	Mean High Water	Mean Tide Level	Mean Low Water	Extreme Low Water
	feet	feet	feet	feet
Snow Point	4.9	2.4	0.0	−3.0
Dean Hall	4.1	2.0	0.0	−3.0
RR. bridge, West Branch	4.2	2.1	0.0	−3.0
Quinby Creek, East Branch	4.3	2.1	0.0	−3.0

(1277)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1):

Lights (Lights are white unless otherwise indicated.):

F. fixed	Mo. (A) morse code		QBSC. obscured	Rot. rotating
Fl. flashing	Occ. occulting		WHIS. whistle	SEC. sector
Qk. quick	Alt. alternating		DIA. diaphone	m. minutes
Gp. group	I. Qk. interrupted quick		M. nautical miles	sec. seconds
E. Int. equal interval				

Buoys: T.B. temporary buoy; N. nun; B. black; Or. orange; W. white; C. can; S. spar; R. red; G. green; Y. yellow

Bottom characteristics:

Cl. clay	M. mud	hrd. hard	bk. black	gy. gray
Co. coral	Rk. rock	rky. rocky	br. brown	rd. red
G. gravel	S. sand	sft. soft	bu. blue	wh. white
Grs. grass	Sh. shells	stk. sticky	gn. green	yl. yellow

21, (2) Wreck, rock, obstruction, or shoal swept clear to the depth indicated. Rocks that cover and uncover, with heights in feet above datum of soundings.

AERO. aeronautical; R. Bn. radiobeacon; C. G. Coast Guard station; Bn. daybeacon; R. TR. radio tower; D.F.S. distance finding station

AUTH. authorized; Obstr. obstruction; P.A. position approximate; E.D. existence doubtful.

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Survey (formerly the Coast and Geodetic Survey) with additional data from the Corps of Engineers and U.S. Coast Guard.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

STORM WARNINGS

The National Weather Service displays storm warnings at the following approximate locations:
Army Transportation Depot (32°54.6'-79°57.3')

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service stations listed below provide continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Charleston, S.C. KHB-29 162.55 MHz

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

HYDROGRAPHY

The most recent basic hydrographic surveys used in the compilation of this chart were accomplished by NOAA Launch 1260, commanded by William R. Daniels, LCDR, NOAA.

NOAA

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEAN SURVEY

UNITED STATES — EAST COAST

SOUTH CAROLINA

COOPER RIVER

ABOVE GOOSE CREEK

Mercator Projection
Scale 1:20,000 at Lat. 33°01'
North American 1927 Datum

SOUNDINGS IN FEET
AT MEAN LOW WATER

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 4, or weekly Notice to Mariners which include new or revised regulations. Information concerning the regulations may be obtained at the Office of the District Engineer, Corps of Engineers in Charleston, S.C.

Anchorage regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Fla.

Refer to section numbers shown with area designation.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

PLANE COORDINATE GRID

The South Carolina plane coordinate grid (south zone) is indicated on this chart at 10,000 foot intervals thus: —+—
The last three digits are omitted.

SUPPLEMENTAL INFORMATION

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

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

NEW CHART NUMBERING SYSTEM

The National Ocean Survey, in cooperation with the Defense Mapping Agency Hydrographic Center, is in the process of adopting a new national chart numbering system. See Notice to Mariners No. 19, May 11, 1974, or Nautical Chart Catalog for cross references of old and new chart numbers.

Chart Number	
New System	Old System
11524	470

DMA STOCK NO. 11XHA11527

CAUTION

This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the print date shown in the lower left hand corner.

SOUNDINGS IN FEET

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

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

(Cooper River)
SOUNDINGS IN FEET - SCALE 1:20,000

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