LOGARITHMIC SPEED SCALE

1 2 3 4 5 6 7 8 9 10 15 20 25 30 40 50 60

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.

Formerly C&GS 288, 1st Combined Ed., Sept. 1964 KAPP 2036

Nautical Miles ½ 0 ½ 1

Yards 500 0 500 1000 1500

Nautical Chart Catalog No. 1, Panel H

13298

UNITED STATES – EAST COAST

MAINE

KENNEBEC RIVER

BATH TO COURTHOUSE POINT

Mercator Projection
Scale 1:15,000 at Lat. 44°00′
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 1. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 1st Coast Guard District in Boston, MA or at the Office of the District Engineer, Corps of Engineers in Concord, MA.
Refer to charted regulation section numbers.

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.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

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 0.267″ northward and 1.826″ eastward to agree with this chart.

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area *Cable Area*

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.
Covered wells may be marked by lighted or unlighted buoys.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.
During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

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.

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.

Dresden, ME	WXM-60	162.475 MHz
Portland, ME	KDO-95	162.55 MHz

CAUTION

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

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 1 for important supplemental information.

AIDS TO NAVIGATION

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

TIDAL INFORMATION

Place Name	(LAT/LONG)	Height referred to datum of soundings (MLLW) Mean High Water	Mean High Water	Mean Low Water	Extreme Low Water
		feet	feet	feet	feet
Bath	(43°55′N/69°49′W)	6.9	6.6	0.2	-3.5
Sturgeon Island	(43°59′N/69°52′W)	5.9	5.5	0.2	-3.5
Richmond	(44°05′N/69°46′W)	5.8	5.5	0.2	-3.5

(401)

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; Ror rotating; s seconds; SEC sector; St M statute miles; VQ very quick; W white; WHIS whistle; Y yellow

Bottom characteristics:

Blds boulders; bk broken; Oy 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

(2) 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.

HEIGHTS

Heights in feet above Mean High Water.

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.

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

FEET 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120 126 132

METERS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Nautical Miles ½ 0 ½ 1

Yards 500 0 500 1000 1500

JOINS CHART 13297

JOINS RIGHT SECTION

JOINS LEFT SECTION

JOINS CHART 13296

CONTINUED ON CHART 13293

KAPP 2037

RICHMOND

SWAN ISLAND

Little Swan Island

Courthouse Pt

Stearns Pt

West Dresden

Reed Rock

Hatch Pt

Green Pt

South Dresden

EASTERN RIVER

Middle Ground

Cork Cove

Shipyard Pt

Thrasher Ledge

Beef Rock

Stiphinin Pt

Swan Island Pt

Swan Island Flats

Dram Rock

Twing Pt

Abagadasset Pt

Reach Ledge

Lilly's Cove

Lilly Cove

Grass

Lilly's Cove

Abagadasset Pt

MERRYMEETING BAY

Chops Pt

Sturgeon I

Butler Cove

West Chops Pt

Grass

Grass

Grass

Grass

Marsh

Marsh

LINES ISLAND

West Branch

Thorne Island

Woods Island

Thorne Head

Whiteag Creek

North Bath

BATH

Days Ferry

Sasanoa River

Sasanoa Pt

Treble Pt

Woolwich

ARROWSIC ISLAND

TOWASIC NECK

Trident Ledge

Winslow Rocks

ANCHORAGE AREA 110.131 (see note A)

Private wharf

Pipeline area

MCRR

FIXED BRIDGE HOR CL 200 FT VERT CL 75 FT

CABLE AREA

OVERHEAD POWER CABLES AUTH CL 145 FT

CUPOLA

GABLE

TOWER

SPIRE

STACK

BELL TOWER

CLOCK TOWER

RUIN

Ruins

Jetty

Snag

Rk

Ch

Mag

Var 17° 15′ W (2001)

Annual decrease 9′

Var 17° 00′ W (2001)

Annual decrease 9′

10th Ed., May 5/01 ■
13298

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

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

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

SOUNDINGS IN FEET

Kennebec R., Bath to Courthouse Pt.
SOUNDINGS IN FEET - SCALE 1:15,000

13298

(Inner neatline 84.45cm N.S. x 38.32cm E.W.)

(Inner neatline 84.45cm N.S. x 25.99cm E.W.)

BLM: 10

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