SOUNDINGS IN FEET

12231 (formerly C&GS 555)

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
12228	568
12231	555
12261	554

1st Ed., June 1954 G-1954-843

Nautical Chart Catalog No. 1, Panel D

(JOINS CHART 12261) (formerly C&GS 554)

(JOINS CHART 12231) (formerly C&GS 555)

(JOINS CHART 12228) (formerly C&GS 568)

(CONTINUED ON CHART 12230) (formerly C&GS 1224)

UNITED STATES — EAST COAST

MARYLAND — VIRGINIA

CHESAPEAKE BAY

TANGIER SOUND - NORTHERN PART

Mercator Projection

Scale 1:40,000 at Lat. 38°05'

SOUNDINGS IN FEET

AT MEAN LOW WATER

Nautical Miles

Yards

LOGARITHMIC SPEED SCALE

To find SPEED, place one point of dividers on nautical miles run and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in knots. Example- with 4.0 miles run in 15 minutes, the speed is 16.0 knots.

UPPER THOROFARE ENTRANCE CHANNEL

The controlling depth at mean low water was 5 feet on the centerline from the channel entrance to the turning basin.

Apr 1974

CAUTION

Mariners are warned to stay clear of the protective riprap surrounding navigational light structures shown thus

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.

FLATCAP BASIN

Channel is marked by privately maintained daybeacons.

OLD HOUSE COVE

Channel was reported dredged to 6 feet 1970 and is marked by privately maintained buoy and daybeacons through it.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 3 for important supplemental information.

AIDS TO NAVIGATION

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

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 Coast Guard Light List.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 3, 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 Baltimore, Md.

Anchorage regulations may be obtained at the Office of the Commander, 5th Coast Guard District in Portsmouth, Va.

Refer to section numbers shown with area designation.

SMALL CRAFT WARNINGS

During the boating season small-craft warnings will be displayed from sunrise to sunset on Maryland Marine Police Cruising while underway in Maryland waters of the Chesapeake Bay and tributaries

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.

STORM WARNINGS

The National Weather Service displays storm warnings at the following approximate locations:

Crisfield (37°58.7'-75°51.5')

CAUTION

FISH TRAP AREAS AND STRUCTURES

Mariners are warned that numerous unlighted duck blinds and fishing structures, some submerged, may exist in the fish trap areas. Such structures are not charted unless to be permanent.

Regulations to assure clear passage to and through dredged and natural channels and to established landings are prescribed by the Corps of Engineers in the Code of Federal Regulations.

Definite limits of fish trap areas have been established in some areas and those limits are shown thus

Where definite limits have been prescribed the location of fishing structures is restricted only by the regulations.

PLANE COORDINATE GRID

The Maryland State Grid is indicated on this chart at 20,000 foot intervals thus +

The last three digits are omitted.

(Inner neatline 80.94 cm. N-S, x 106.01 cm. E-W.)

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	Ro. rotating
Fl. flashing	Occ. occulting	sec. sector
Qk. quick	Alt. alternating	m. minutes
Gp. group	I. Qk. interrupted quick	sec. seconds
L. Int. equal interval	M. nautical miles	

Buoys T.B. temporary buoy

C. can

N. nun	B. black	Or. orange
S. spar	R. red	G. green
W. white	Y. yellow	

Bottom characteristics:

Cl. clay	M. mud	hrd. hard	blk. 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	

Wk. 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

Bn. daybeacon

R. Bn. radiobeacon

R. TR. radio tower

C. G. Coast Guard station

D.F.S. distance finding station

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

DANGER AREA 204.36 (see note A)

RESTRICTED AREA 204.42 (see note A)

BOMBING AREA 204.42 (see note A)

PROHIBITED AREA (See chart)

HOOPER STRAIT

BLOODSWORTH ISLAND

Okahanikon Cove

Northeast Cove

Great Cove

Pone Island

Piney Island

Clay Island Cove

Hooper Island Cove

Hooper Island Light

Hooper Island Lighthouse

Hooper Island Marsh

Hooper Island Channel

Hooper Island Shoal

Hooper Island Shoal Channel

Hooper Island Shoal Light

Hooper Island Shoal Lighthouse

Hooper Island Shoal Channel Light

Hooper Island Shoal Channel