PLAN HOLD

PEEL PROTECTIVE STRIP TO EXPOSE ADHESIVE. POSITION EDGE OF PRINT ON THIS LINE AND RUB TO ADHERE.

DRAWING NUMBER
CZM 45A
SPESUTIE

PLAN HOLD CORPORATION IRVINE CALIFORNIA
REORDER BY NO. 070SA-24

HISTORICAL SHORELINES

CZM MAP 45A

SPESUTIE QUADRANGLE
MARYLAND
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 BETTERTON 15' QUADRANGLE

Slight (<2)
Low (2-4)
Moderate (4-8)
High (>8)

1846 - 1938
(92 yr period)
Erosion Rate
Scales
(ft/yr)

Mapped by the Army Map Service
Published for civil use by the Geological Survey

Control by USC&GS

Planimetry by photogrammetric methods from aerial photographs taken 1943. Topography by planetable surveys 1944. Culture revised from aerial photographs taken 1947. Field checked 1948

Selected hydrographic data compiled from USC&GS Chart 572 (1947)
This information is not intended for navigational purposes

Map prepared by Maryland Geological Survey with funds from National Oceanographic Atmospheric Administration (NOAA) made available through Department of Natural Resources Coastal Zone Management Program

Compiled by Robert D. Conkwright, 1975
Basic data from M.G.S. Bulletin 6

UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

DEPTH CURVES AND SOUNDINGS IN FATHOMS—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 2 FEET

1846 SHORELINE - - - - -
1938 SHORELINE —·—·—
BASE MAP SHORELINE 1943

MARYLAND
QUADRANGLE LOCATION

Revisions shown in purple compiled from aerial photographs taken 1970. This information not field checked

Erosion Rates

Exact erosion rates can be calculated by dividing the distance between shorelines by the difference in their dates. Erosion rate categories can be estimated by using the Erosion Rate Scale in the right-hand margin. Place the left-hand line of the scale against the earliest shoreline and read the name of the erosion rate category.

SPESUTIE, MD.
NE/4 BETTERTON 15' QUADRANGLE
N3922.5—W7600/7.5

1948
PHOTOREVISED 1970
AMS 5762 I NE—SERIES V833