

4444

4444

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patten, Director

G. & B. SURVEY

L. & A.

JUL 24 1930

State: Maryland

Acc. No.

DESCRIPTIVE REPORT

Topographic
Hydrographic

Sheet No.

4444

LOCALITY

Chesapeake Bay

Point Lookout

1929

CHIEF OF PARTY

J. Senior

DESCRIPTIVE REPORT

to accompany

SHEET " A "

Topographic - 4444

Vicinity of Point Lookout - Maryland

M.V. Natoma

Jack Senior, Comdg.,

Season 1929

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET

"A"

AUTHORITY:

This work was executed under the Director's Orders dated July 3rd, 1929.

EXTENT:

The work done on this sheet extends from Point No Point south to Point Lookout, from there NW to Triangulation Station HALL 2, 1919.

DESCRIPTION:

The shoreline from Point No Point to Cornfield Harbor, is mostly low sandy beach with fairly heavily wooded areas inshore. There are numerous summer resort dwellings near Point Lookout.

LANDMARKS:

The water tank at Point Lookout makes an excellent landmark. It can be seen at a greater distance than Point Lookout Lighthouse.

SURVEYING METHODS:

The ordinary plane table methods with graphic triangulation, traverse and resection was used. Graphic triangulation and traverse was used in Cornfield Harbor while resection was mostly used on the outside coast.

CLOSING ERROR OF TRAVERSE RUN
AND HOW ADJUSTED:

Traverse position of Signal END failed to check with graphic triangulation position by 16 meters. The traverse position of HALL 2 failed to check in direction and distance by the same amount. It was assumed that an error in reading the rod was made at Cornfield point as 1/8 of the rod ~~was~~ ahead shot had to be read through trees. The shoreline was adjusted from Signal END to HALL 2.

The traverse position of Signal END was used on the Hydro. ^{boat} sheet. The Hydro. party found that the graphic triangulation position of signal END was correct.*

Checked within 4 meters at Point Lookin Reference Mark, as traverse and resection of five miles was run, ** no adjustment was needed.

Checked exactly on Station Point No Point.

* Correct position used on smooth sheet.

DISCREPANCIES AND OTHER NOTES:

The shore line at Point No Point and St. Jerome's Creek was run until satisfactory connection was made with the old shore line as shown on Chart #537. The shore line was just run around Cornfield Point and tied in at Hall 2. It fails to join onto the old shore line by about 20 meters.

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The shore line between Point No. Point and St. Jeromes Pt., has moved inshore as far as 60 meters in places.

The Shoreline at St. Jeromes Point has changed considerably, the inner point has moved north about 100 meters and now is considerably narrower than shown on chart 557. A dock has been built from this point.

The shoreline of Deep Point has built up on the north and east side and washed away on the western side.

The eastern shoreline of Otter Point has been built up of oyster shells from the oyster cannery. There is a Post Office on the point called Airedele P.O.

The shoreline in St. Jerome's Creek has changed a great deal which necessitated running of shore line for quite some distance to get the proper junction with the old shoreline as shown on chart 557.

The shoreline from St. Jerome's Creek to Point Lookout has moved inshore from 10 to 50 meters, but at Signal Sig., it has moved inshore about 90 meters.

The shoreline at the southern point of Point Lookout has built up over 100 meters. There is a wreck about 185 meters SE of Signal Point, the sand spit between the wreck and the point bares about $\frac{1}{4}$ ft. at low water.

A new dock at Pt. Lookout has been built in place of the old one.

The shoreline from Point Lookout to Cornfield has moved outward from 10 to 40 meters. The Inlet to Lookout Creek is now about $\frac{1}{2}$ mile farther to the westward than shown on chart 557.

The shoreline at Cornfield Pt. and north to Signal HALL 2 has moved inshore about 60 meters.

Recommended for approval:

Jack Senior
Jack Senior, H & G Engr.,

Respectfully submitted,

Walter J. Chovan
Walter J. Chovan,
Jr. H & G Engr.,

The survey conforms to the general and specific instructions. No additional surveying is required. The junctions with the previous surveys are adequate. E. P. Allen July, 1930

Sheet "A"

PLANE TABLE POSITIONS

Object & Description:	Lat:	D.M.	Long:	D.P.	Remarks:
Red buoy Bell	38° 01'	(1091) 759	76° 19'	(813) 651	Top
Point	02	(1459) 355	19	(1009) 454	Ban Sig
Red Spar	02	(1288) 562	19	(392) 1071	At water-line
War	02	(1212) 638	19	(817) 646	Cloth on pile.
Con	02	(1072) 778	19	(1070) 393	Flag Pole
Stump	02	(710) 1140	19	(1178) 285	Sig on stump
Dim	02	(707) 1143	19	(816) 647	Diamond shaped sig in tree
Ten	02	(488) 1362	19	(740) 723	Sig in tree
Sig	02	(413) 1437	19	(1167) 296	Sig in tree
Tree	02	(179) 1671	19	(580) 883	Sig in tree
Fish	03	(1689) 161	19	(244) 1219	Sig in tree
Do	02	(24) 1826	19	(451) 1012	Sig in tree
Trap	03	(1615) 235	19	(122) 1341	Sig in tree
Pod	03	1545 305	20	(1431) 32	Tripod sig
In	03	(1455) 395	20	(1173) 290	Sig in tree
Net	03	(1410) 440	20	(876) 588	Sig in tree
Out	03	(1439) 411	20	(425) 1038	Cloth on Out Ho.
Flag	03	1455 396	20	(121) 1342	Flag pole
Trip	03	(1498) 352	21	(1335) 128	Sig in tree
End	03	(1516) 334	21	(1171) 292	Tripod sig
Tank	02	(12) 1838	19	(913) 550	Water tank
Hot	02	(34) 1816	19	(1075) 388	Tripod sig
Tel	03	(1640) 210	19	(1021) 442	Sig in tree
Rear	03	(1356) 494	19	(946) 517	Sig in tree
Low	03	(1084) 766	19	(837) 626	Sig in tree
East	03	(924) 926	19	(757) 706	East end of sign

PLANE TABLE POSITIONS

Sheet A

Object & Description:	Lat:	D.M.	Long:	D.P.	Remarks:
Green	38° 03'	(384) 1466	76° 19'	(497) 966	Brick chimney, Ho. with green roof.
Pole	04	(1384) 466	19'	(339) 1124	Flag pole
Pine	04	(421) 1429	19'	(235) 1228	Ban sig
Wat	07	(1425) 425	20	(1010) 453	Water Tank on Ho.
Barn	07	(524) 1326	20'	(1377) 86	E. Gable of barn.

Positions scaled by W.J.C
 " ✓ " F.A.R.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

Copy

LANDMARKS FOR CHARTS

Reedville, Va.

August 7th, 19 29

DIRECTOR, U. S. COAST AND GEODETIC SURVEY:

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted.

Jack Senior
Jack Senior Chief of Party.

DESCRIPTION	POSITION					METHOD OF DETERMINATION	CHARTS AFFECTED
	Latitude		Longitude		Datum		
	'	D. M. meters	'	D. P. Meters			
Water Tank on Pt. Lookout	38 02	1838	76. 19	550	-	Plane Table	1224, 557
		(12)		(913)			

Note: Very conspicuous, standing well above the tree line; black.

A list of objects which are of sufficient prominence for use on the charts, together with a description of the same, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report. The selection, determination, and description of these points are of primary importance. The description of each object should be short, but such as will identify it; for example, standpipe, water tower, church spire, tank, tall stack, red chimney, radio mast, etc. Generally, flagstaffs and like objects are not sufficiently permanent to chart.

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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.
4444

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. A

REGISTER NO. **4444**

State MARYLAND

General locality ~~Eastern shore~~ Chesapeake Bay

Locality Point Lookout

Scale 1:20,000 Date of survey July - August, 192 ⁹

Vessel Motor Vessel Natoma

Chief of Party Jack Senior

Surveyed by Walter J. Chovan

Inked by Walter J. Chovan

Heights in feet above --- to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated July 3rd, 192 ⁹

Remarks: Provisional survey. Connection made with charted shoals, see notes in descriptive report, for vicinity of ^{GPO} Cornfield Pt.