DEPARTMENT OF COMMERCE
*U.S. COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Topographic \ ###/d#hhhhh!

Sheet No. T-5681

State Maryland LOCALITY Chesapeake Bay Gunpowder Neck

:193 9

applied (in part) & Och 572. april 1940- DV. J. S. S. Applied to brawing of Ch 549-12/19/40- you

7 4

AIR PHOTO 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.				
	REGISTER NO.	T-5681	T5681		
State	Maryland				
General locality	Chesapeake Bay				
	Gunpowder Neck (Photographs t	α May 1.193	7 December	1020
				December	*7J7
Notes Air Photo	. Party No. 2				
Chief of party	L. W. Swanson				
Surveyed by	Air Photographs				
Inked by	J. N. Jones				
Heights in feet al	bove <u>none</u> to	ground to top	s of trees		
QGGAQGA/1/1466AGAAA	444/444/44/ <i>/#444/1</i>	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	///////////////////////////////////////		
Instructions dated	d March 4 and May	13	, 19.39		

PHOTOGRAPHS:

*HOS. DATE TIME SCALE ALTITUDE STAGE OF TIDE *

1260 = 1266 Apr. 30,1937 2:25-7:26 1:10,000 6,900 0.7' above MLW

1260 = 1266 Apr. 30,1937 2:126-7:126 " 0.7' " 0.7' " 0.7' " 0.7' " " 0.7' " " 0.7' " " 0.7

CAMERA: U. S. Coast & Geodetic Survey nine lens, Focal Length 62 inches.

SUPPLEMENTAL SURVEYS

Graphic Control Surveys:

None

Hydrographic Surveys:

Field Inspection: A.AL. Wardwell and Don A. Jones, May 1939 + DEC. 1939

GENERAL INFORMATION:

Chief of Party:	L. W. Swanson	
Projection By:	Ruling Machine	date unkown
	Washington Office	th th
	ted By: R. A. Gilmore	April 1939
Additional Radial F	Mints By: J. N. Jones -	July 1939
Control Plotted By:		April 1939
Control Chedked By	J. N. Jones	"tı "p"
	A. Gilmore and A. L. Wardwell	11 H
Shoreline Inked By:		July 1939
Detail Inked By:	J. N. Jones	Sept. 1939
Proliminary Review:		11 11
Smooth Draft By:		

STATISTICS:

REFERENCE STATION:

Ricketts 1934; N. A. Datum 1927; Adjusted.

Latitude: 39 183 06.426 (198.2 meters) Longitute: 76 173 59.676 (1429.9 meters)

Maryland System of Plane Coordinates: x= 998,121.05 Ft. y= 535,548.82 Ft.

april 1937, world for the date of the photograph.

april 1937, world for the jetting to the services to the photograph.

M. 1938 hydrographic many.

DESCRIPTIVE REPORT

AIR PHOTOGRAPHIC SURVEY SHEET NO. T5681

State of Maryland Gunpowder Neck. Scale: 1:10,000 x 0.965.

INSTRUCTIONS:

The topography on this sheet is a part of Project HT-215, the instructions for which are dated March 4, 1939 and May 13, 1939.

CONTROL:

The radial plot for this sheet was controlled by the following triangulation stations, which were pricked directly on the photos. or tied in to an adjacent well defined object: Ricketts 1934, Days 1934, Poole 1927, Pooles I. L. H. 1939, Robins Pt. 2, 1933, and Carroll 1934.

The following G. S. Primary Traverse Stations were used in a like manner: Nos. 72, 103, and 123.

The fellowing triangulation stations were later plotted on the sheet and used for control in detailing: Battery 1934, Pooles I. Rear Range Light 1919, and Pooles I. Front Range light 1919.

All stations used are plotted on the adjusted N. A. Datum 1927.

Sufficient control was available for all parts of the sheet. Several G. S. Primary Traverse Stations which were not used by this party have been plotted on the sheet. These were recovered and used on the previous photo. compilation sheet in this area, T-5431.

RADIAL PLOT:

The radial plot for this sheet was run in conjunction with that for Sheets 5678, 5679, and 5680. Celluloid templates and dummy sheets were used.

Uniformly good intersections were obtained and no adjustments were later found necessary.

With the exception of Pooles Island, where a few more pictures would have been desirable the intersections were strong as could be desired.

DETAIL:

This sheet is submitted as a rough draft. No unusual abbreviations were used and when possible everything has been written out on the sheet.

No difficulty was experienced in detailing, with the possible exception of being unable to get very good stereopsis? stereo scopic effect which may have been due to the centers being too far apart.

The scale factor was determined largely from adjoining sheets and some of the photos. are considerably of the scale of this sheet. Much of the detailing was done using a projector.

Adequate notes were a hand to interpret the physical features and these have been followed with a few minor exceptions, which seemed necessary to give a uniform interpretation.

All detail comes from the photos. with the exception of part of the road down the west side of Gunpowder Neck which was

located from field notes. Part of this road shows in the photos. as incomplete.

T-5431 on this sheet, but the agreement was not exact and it was thought to be expedient to redraft this sheet completely.

There are only a few buildings within the limits of this sheet. Most of these have apparently been abandoned and are falling into ruins. Some of them could not be clearly adentified and are not shown on the sheet.

The old fences have been destroyed and there is little evidence of their former location on the ground although some of them show clearly on the photos.

The formerly cultivated fields are fast growing up in

brush.

Numerous trails and wheel tracks can be identified on the photos, are not shown on the sheet due to their unimportance.

COMPARISON WITH PREVIOUS SURVEYS:

This sheet has been compared with the following:
Air Photo. Comp. T-5431, 1935
" " T-5429, 1935
Plane Table Survey No. 2308, 1898
U. S. G. S. Gunpowder Quadrangle
Wilitary Map No. 2654:7531:/46/

The agreement with the 1935 sheets is very good. There is some slight difference which is probably largely in the interpretate tation of the features and some slight changes. The extensive shoal areas which are shown on these sheets can not be identified on the present photos, and have not been transferred. These areas may possibly represent grass in the water, which is known to extend for a considerable distance off shore in the late summer. The fish net stakes shown on these sheets have apparently disappeared.

There has been considerable change in this area from the comparison with Sheet 2308, especially on the marshy points. These have receded considerably. Spry Island has almost disappeared. However, much of the detail agrees well with that shown on the present sheet.

Detail on Military Map 2654:7531:/46 agrees very well with the present sheet except for such changes as have occured.

JUNCTIONS:

This sheet makes good junctions with Sheet T-5678 to the North and Sheets T-5680 and T-5429 to the West.

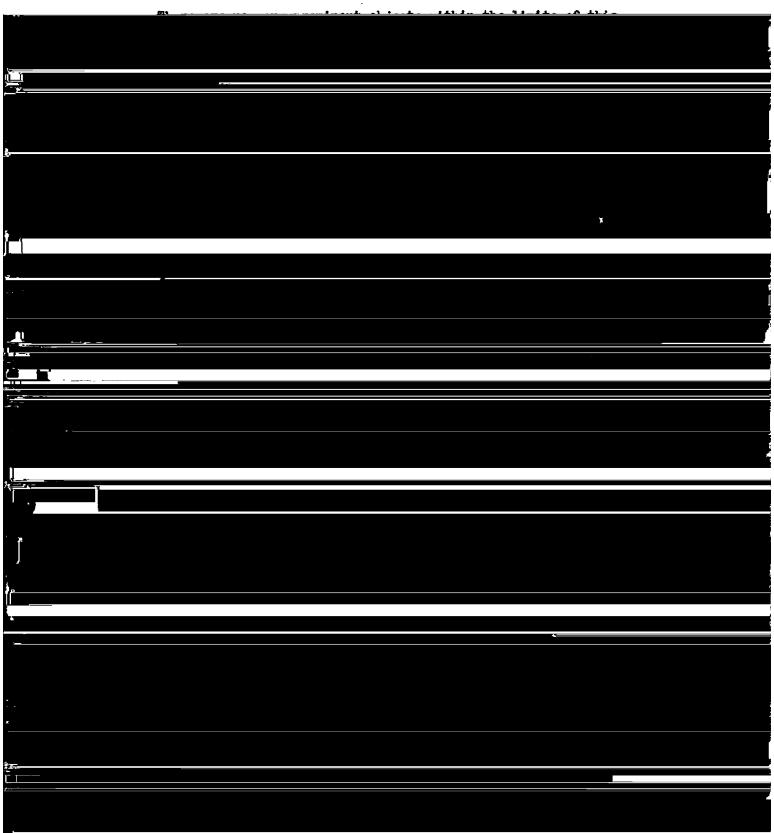
RECOVERABLE TOPOGRAPHIC STATIONS:

There are two Fire Control Towers within the limits of this sheet which are of a recoverable nature and have been shown with $2\frac{1}{8}$ mm. circles. These objects have not been described on Form 524 because their positions may be of a confidential nature.

LANDMARKS:

No landmarks on this sheet are recommended for charting.

Except 3 lights on Pooles Island which have been located by triang.



RECOMMENDATIONS FOR FUTURE SURVEYS:

This sheet is complete and no additional topographic surveys are required.

The probable error is not greater than 5 meters for radial points and well defined objects along the water front. The error in other detail is probably not greater than 10 meters.

	·			
	Remarks		Decisions	
1			398 763	
2			393 763	<u> </u>
3			, a	
4			393 762	٠,
5			ч	•
6			392762 USGB	,
			<u> </u>	-
(
-				
1-		, , , , , , , , , , , , , , , , , , ,		
<u></u>				
			392763	
12			392763	
12			392763 392762 USGB	
12 13 14			392763 392762 USGB 392762	
12 13 14			392763 392762 USGB 392762 393763	
12 13 14 15			392763 392762 USGB 392762 393763	
12 13 14 15 16			392763 392762 USGB 392762 393763	

.

Survey No.			/ .9	- a .: / x ^x	' /	/ 4	5/3/ 1	グラノーム	` /	5 /
/		مار بر	ious s	Sall disor	SO SIGN	1 4 00 V. S.		of Length		' /
T-5681	6	Char 22	C, C,	7.3 Mg/	or redresion	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		A CO MAN NO	ne. Pilati	
Name on Survey	/ A,	/ B,	<u>/ c,</u>	/ D	/ E 🗸	F F	∕ <u>G</u>	<u>/ H</u>	<u>/ K</u>	\leftarrow
-CANASTE-OAK	~	~	· ·		<u> </u>					11
WHITEOAK POINT	/	~	~			POINT				2
CARROLL-POINT	~	~	~			CARROLLS POINT		~		3
DAYS POINT	V.	~	·		-	\ \ \ \				4
RICKETT POINT	~	~	~		RIKKETTS Pt	RICKETTS POINT		RIGHETT ([?)	5
√ROBINS POINT	~	· ·	~		~	-				6
FORD POINT	~	FOROS PT	~	,	~	80805 PT.				7
LEGO POINT .	~	/	~		-	LEGOS PT.	· · · · · · · · · · · · · · · · · ·	-		8
SANDY POINT	~	~	✓		\ \			_		9
watson creek	~	-	•		~	WATERSON CREEK				10
✓BOONE CREEK	~	~	~		\ \rac{1}{2}	~		i		11
SPRY-ISLAND- T-5429	~	~	~			SPRYS ISLAND		r		12
POOLES ISLAND	'		-			v		~	· <u> </u>	13
GUNPOWDER NECK . ~	~	~	~		~	<i>i</i> -				14
✓ GUNPOWDER RIVER · ✓	'	-	V		~	<i>ــ</i>		~		15
CHESAPEAKE BAY	✓	v	V		-	٢		~		16
										17
										18
<u>L.1</u>	leck		9 / Y A	,						19
								i		20
										21
								,		22
										23
								_		24
										25
										26
-										27
	WHITEDAX POINT CARROLL POINT TOAYS POINT RICKETT POINT FORD POINT LEGO POINT WATSON CREEK BOONE CREEK SPRY-ISLAND T-5429 POOLES ISLAND GUNPOWDER NECK CHESAPEAKE BAY	WHITE DAK WHITE DAK WHITE DAK WHITE DAK WHITE DAK WATS POINT ROBINS POINT FORD POINT LEGO POINT SANDY POINT WATSON CREEK BOONE CREEK SPRY-ISLAND GUNPOWDER NECK CHESAPEAKE BAY CHESAPEAKE BAY	WHITE OAK- WHITE OAK- WHITE OAK- WHITE OAK- WHITE OAK- WHITE OAK- WITE OAK- WATSON TO THE TO	WHITE-SAX-POINT WELTE-SAX-POINT OAYS POINT RICKETT POINT ROBINS POINT FORD FOINT LEGO POINT WATSON CREEK BOONE CREEK BOONE CREEK GUNPOWDER NECK CHESAPEAKE BAY WATSON CREEK W CHESAPEAKE BAY WATSON CREEK W CHESAPEAKE BAY WATSON CREEK W WATSON CREEK W WATSON CREEK W W WATSON CREEK W W W W W W W W W W W W W	WHITESAK POINT CARROLL POINT DAYS POINT RICKETT POINT ROBINS POINT FORD POINT LEGO POINT WATSON CREEK BOONE CREEK SPRY-ISLAND FOOLES ISLAND GUNPOWDER NECK CHESAPEAKE BAY V V V V V V V V V V V V	WHITEOAX FOINT CARROLL POINT DAYS POINT CRICKETT POINT CROBINS	WHITE DAK WHITEDAK POINT CARROLL-POINT DATS POINT FICKETT POINT RICKETT POINT FORD POINT LEGO POINT V V V V LEGO POINT V V V V V CREEK SANDY POINT SANDY POINT V SANDY POINT V SOUNT SANDY POINT V V CREEK SOUNT SOUNT SANDY POINT V V V CREEK V V CREEK SOUNT SOUNT SANDY POINT V V CREEK SOUNT SOUNT SANDY POINT V V CREEK SOUNT SOUNT	WHITE DAK WHITEDAX POINT CARROLL-POINT DAYS POINT FRICKETT POINT FORD POINT FORD POINT V SARDY POINT WATSON CREEK BOOME CREEK BOOME CREEK CREEK BOOME RECK CHESAPEAKE BAY V CHESAPEAKE BAY V CHESAPEAKE BAY V CHESAPEAKE BAY V CHESAPEAKE BAY CREEK COAR CARROLL-POINT V COAR COA	WHITEDAY FOIRT WHITEDAY FOIRT OARROLLD-POINT FOATS POINT RICKETT POINT RICKETT POINT PORD POINT LEGO POINT V V V V V V V V V V V V V	WITTENAY POINT OARROLL-POINT OARROLL-POINT FOATS FOINT FRICKETT POINT FRICKETT POINT FORD FOINT FORD FOINT LEGO POINT V V FORD FOINT FORD FOINT V FORD FOINT FORD FOI

REVIEW OF AIR PHOTO COMPILATION NO.

Chief of Party: L.W. Swanson

Compiled by: J. W. Joues

Project: HT-215

Instructions dated: $\frac{3/4}{5/3}$

1. The charts of this area have been examined and topographic information necessary to bring the charts up to date is shown on this compilation. (Par. 16a, b,c,d,e,g and i; 26; and 64)

- -2. Change in position, or non-existence of wharfs, lights, and other topographic detail of particular importance to navigation which affect the chart, is discussed in the descriptive report. (Par. 26; and 66 g,n) None
- 3. Ground surveys by plane table, sextant, or theodolite have been used to supplement the photographic plot where necessary to obtain complete information, and all such surveys are discussed in the descriptive report. (Par. 65; and 66 d.e) swall section of road located by Sextant.
- 4. Paragrints and Maps from other sources which were transmitted by the field party contain sufficient control for their application to the charts. (Par. 28)
- Differences between this compilation and contemporary plane
 table and hydrographic surveys have been examined and rectified
 in the field before forwarding the compilations to the office
 and are discussed in the descriptive report.
- 6. The control and adjustment of the photo plot are discussed in the descriptive report. Unusual or large adjustments are discussed in detail and limits of the area affected are stated. (Par. 12b; 44; and 66 c,h,i)
- 7. High water line on marshy and mangreve coast is clear and adequate for chart compilation. (Par. 16a, 43, and 44)

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Refer also to the pamphlet "Notes on the Compilation of Planimetric Line Maps from Five Lens Air Photographs."

- 8. The representation of low water lines, reefs, ceral-reefs and reeks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41)
- 9. Recoverable objects have been located and described on Form 524 in accordance with circular 30, 1933, circular letter of March 3, 1933, and circular 31, 1934. (Par. 29, 30, and 57)
 while described see Desc. Reform.
- 10. A list of landmarks was furnished on Form 567 and instructions in the Director's letter of July 16, 1934, Landmarks for Charts, complied with. (Par. 16d, e; and 60)
- 11. All bridges shown on the compilation are accompanied by a note stating whether fixed or draw, clearance, and width of draw if a draw bridge. Additional information of importance to navigation is given in the descriptive report. (Par. 16c)
- 12. Geographic names are shown on the overlay tracing. The accepted local usage of new names has been determined and they are listed in the report, together with a general statement as to source of information and a specific statement when advisable. Complete discussion of place names differing from the charts and from the U. S. G. S. Quadrangles is given in the descriptive report, together with reasons for recommendations made. (Par. 64, and 66k)
- 13. The geographic datum of the compilation is NA 1977 and the reference station is correctly noted.
- 14. Junctions with adjoining compilations have been examined and are in agreement. (Par. 66j)
- 15. The drafting is satisfactory and particular attention has been given the following:
 - 1. Standard symbols authorized by the Board of Surveys and Maps have been used throughout except as noted in the report.
 - 2. The degrees and minutes of Latitude and Longitude are correctly marked.

- 3. All station points are exactly marked by fine / black dots.
- Closely spaced lines are drawn sharp and clear for printing. Rough draft
- 5. Topographic symbols for similar features are of uniform weight. Rough druft
- 6. All drawing has been retouched where partially rubbed off. Cough dock !-
- 7. Buildings are drawn with clear straight lines and square corners where such is the case on the ground.

(Par. 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 48)

No additional surveying is recommended at this time. 7 16.

RESERVATION MILITARY THE AREA COVERED BY THIS SHEET IS A Remarks: 17.

18. Examined and approved;

Chief of Party

19. Remarks after review in office:

Sign

PLANE COORDINATE GRID SYSTEM

Positions of grid intersections used for fitting the grid to this compilation were computed by Division of Geodesy and the computation forms are included in this report.

•	Positions plotted by	S. Kas	5 5	
	Positions checked by	, S. K.	(ON RULING	MACHINE)
	Grid inked on machin	ne by S.	K.	
	Intersections inked	by R.E.	ELKINS.	
	sed for plotting grid	_		
· prees p	39-21 76-16		<u>x</u>	<u></u>
Whate	39-21 76-19		<u>х</u> У	
ors t	CARROLL 1934 (Pel	ordo p. 27)	<u>x</u> <u>y</u>	
Sker.	ROBINS POINT 2 (p.e. p. 20)	<u>x</u>	
Note - C Triangul	etion stations used for	HIN APPRO or checking gr	**************************************	l mm.
1.	& DAYS	5		
2.	A RICKETTS	6		
3.		7.		
4.		8		

PLANE COORDINATES ON LAMBERT PROJECTION

(For calculating machine computation)

D (C ' C t)		1 (0 1 0 0	
R (for min. of ϕ)		y' (for min. of φ)	
Cor. for sec. of ϕ	05.81/7/231	Cor, for sec, of ϕ	£ 552 050 H
R	25, 8/6, 762.31		552 350.4
·	0 1 #	$y'' \ (=2R \sin^2\frac{\theta}{2}) \underline{\hspace{1cm}}$	+ 0327
θ (for min. of λ)		y	553,1834
Cor. for sec. of λ	- 07 0/95/		12 1/8/1
θ	+0 27 36,9541	<u> </u>	13 48.4
θ″			
			.004016559
10 ⁵ M (for given 10")_		10 ⁷ K (for given 10")	
Cor. for fraction of 10"		Cor. for fraction of 10"	<u>+</u>
10 ⁵ M	-428	10 ⁷ K	
		,	416.495
$\sin \theta (\theta''M)$.00803305376	2 sin ² θ/2 (θ" K)	
x' (R sin θ)	2 4 7	$2 R \sin^2 \frac{\theta}{2}$	(Place result above)
	000,000.00	_	
x	1,007,387.4		
		 	
^	1,000,000		
			<u> </u>
11			<u> </u>
			,
11			
11			
11			

PLANE COORDINATES ON LAMBERT PROJECTION

(For calculating machine computation)

	State Mo	L. Station	
	φ= 39 2/	V. Stationλ=_76/	6"
	·		
R (for min. of ϕ)	25816762.31	y' (for min. of ϕ)	
Cor. for sec. of ϕ			_±
R	25,816,769.31	y'	552350.45
		y'' (=2R $\sin^2\frac{\theta}{2}$)	+ 832.99
θ (for min. of λ)	. , ,	y	553183.44
Cor. for sec. of λ			
θ	0 27 36.9541		
θ"	1656.954		
			100000
10 ⁵ M (for given 10")	.4848085105	10 ⁷ K (for given 10")	19391052
Cor. for fraction of 10"	421	Cor. for fraction of 10"	+ 8/725
10 ⁵ M	4848084684	10 ⁷ K	-19472777
	10073 10379 W	0 10 11 (44 20 00)	10227 65408
•	08033 05379 4		
x' (R sin θ)	207 387 49	Ÿ	(Flace result above)
	2,000,000,00 (1007387.44		
x	.100/30/.47		
	l	L	L

 $x = 2,000,000.00 + R \sin \theta$.

 $y = y' + 2R \sin^2 \frac{\theta}{2}$

y'= the value of y on the central meridian for the latitude of the station.

R. y', and θ are given in special tables.

 $\sin \theta = \theta'' M$ (see table for M).

 $2 \sin^2 \frac{\theta}{2} = \theta'' K$ (see table for K)

The factors 10^5 and 10^7 indicate that the decimal point has been moved to the right five places in M and seven places in K. To determine the position of the decimal point in the result, move the decimal point in θ'' five places to the left for M and seven places for K. Multiplication will then give the result properly pointed off.



PLANE COORDINATES ON LAMBERT PROJECTION

39 21 State Md. Station 76 19

		φ≣		y <u>= </u>	
		Tabular difference	of R for 1" o	f φ <u></u>	
R (for min.	of φ)		y' (for min.	of φ)	
Cor. for sec	a of φ		Cor. for sec. of ϕ		+
R		25,816,762.31	y'		552,350.45
			 y″ (=2R si	$n^2 \frac{\theta}{2}$	+ 723.27
θ (for min.	of λ)	o / //	y	-	553,073.7
Cor. for sec	of λ				<u> </u>
θ		+ 25 43.9799	$\frac{\theta}{2}$		° 12′ 51.98995
θ"	For machine computation *	"		For machine computation *	
			log θ"	-{ -	· · · · · · · · · · · · · · · · · · ·
log θ"			colog 2		9,69897000_
S for θ	1 1		S for $\frac{\theta}{2}$		
log sin <i>θ</i>	sin θ	.0074853559	log sin $\frac{\theta}{2}$	$\frac{1}{2}$ sin $\frac{\theta}{2}$.0037427042
log R				$\frac{1}{2}R \sin \frac{\theta}{2}$	
log x'			$\log \sin^2 \frac{\theta}{2}$	$R \sin^2 \frac{\theta}{2}$	361.637
x'	1		1	$\frac{1}{2}$ R sin ² $\frac{\theta}{2}$	<u>'</u>
		2,000,000.00	log 2	ļ !	0.30103000_
x		993, 247.7	log y"		
,		,	_	1	

 $x = 2,000,000.00 + R \sin \theta$.

(See log tables.)

R, y', and θ are given in special tables.



^{*} This method is for use when tables of natural sines to ten decimal places are available. A different method for machine computation was devised early in 1938 which does not require a table of sines but instead a special table, copies of which are available at the Coast and Geodetic Survey. A new form, No. 725a, has been printed for this new method.

 $y = y' + 2R \sin^2 \frac{\theta}{2}$

y' = the value of y on the central meridian for the latitude of the station.

 $S = \log \text{ of ratio for reducing arc expressed in seconds to sine.}$

DIVISION OF CHARTS

Section of Field Records

REVIEW OF AIR PHOTOGRAPHIC SURVEY T-5681 1:10,000

There are no graphic control surveys in this area.

Previous Topographic Surveys.

T-213 (1846) 1:20,000. T-2308 (1898) 1:20,000. T-2366 (1898) 1:10,000.

T-5681 is complete and adequate to supersede the sections of the above surveys which it covers, except for contours and bluff lines. On T-5681 bluffs were not carried out in detail by the field inspection and the compilation party apparently has ignored bluffs of less than 25 feet in elevation (Refer to page 3, descriptive report T-5676.) A number of fence and what seem to be property lines on the old surveys are not shown on T-5430.

T-5429 (1933) 1:10,000. T-5430 (1933) 1:10,000.

T-5681 is adequate to supersede the sections of T-5429 and T-5430 which it covers. There are differences in shoreline position ranging from 0 to 30 and 40 meters between T-5681 and T-5429 and T-5430. These occur on both fast land and marsh areas. The larger differences are excessive and probably are due to errors in point locations of the photographic plot on T-5429 and T-5430.

Contemporary Hydrographic Surveys.

H-6367 (1938) 1:10,000. H-6373 (1938) 1:10,000.

The hydrographic surveys were compared with T-5681 September 25, 1940 and no discrepancies were noted.

Chart 1226 (April 5, 1939) and Chart 572 (Compilation in progress)

Mariners does not indicate a position change and the station has been left on T-5681.

T-5681 was applied to Chart 572 prior to the completion of this review. Numerous interior details of a confidential nature have since been removed from T-5681. See next paragraph.

Confidential Information.

T-5681 is within the Aberdeen Proving Ground. Confidential copies of T-5681 have been furnished the Commanding Officer, Aberdeen Proving Ground and a confidential plate is filed in the vault for possible future printing. Confidential information has been painted off of the negatives in accordance with instructions from the Commanding Officer, Aberdeen Proving ground and a new non-confidential plate made for printing the file copy and copies for sale.

The instructions regarding the removal of confidential details consisted of notes made on a copy of T-5681. This copy has been destroyed. The original celluloid drawing and all confidential prints of T-5681 have been destroyed.

Instructions regarding removal of confidential information from T-5681 have been reported to the Nautical Chart Section, September 10, 1940.

Reviewed by - T. M. Price, January 1940.

Inspected by - B. G. Jones, September 17, 1940.

Examined and approved:

T. B. Reed.

Chief, Section of Field Records. Chief, Division of Charts.

ief Section of Field Work.

Chief, Division of H. & T.