8105

8105

8105

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photographic

Field No. ..... *Office No.* T-8105

LOCALITY

State Maryland & Delaware

General locality Chesapeake Bay, Md.

Locality Hebron Quadrangle

N3822.5-W7537.5/7.5

194 2

CHIEF OF PARTY

Commander Fred. L. Peacock

LIBRARY & ARCHIVES

DATE December 28,1943

8-1870-1 (1)++

Form T-1

DATA RECORD

T- 8105

Quadrangle (II): HEBRON Project No. (II): CS-278-B

Field Office: Salisbury, Md. Chief of Party: F. L. Gallen

Compilation Office: ~~Tampa, Fla.~~ Baltimore Chief of Party: ~~K. G. Crosby~~ F. L. Peacock.

Instructions dated (II III): 3/4/42
3/27/42
8/13/42

Copy filed in Descriptive Report No. T- (VI)

Completed survey received in office:

Reported to Nautical Chart Section:

Reviewed: Applied to chart No. Date:

Redrafting Completed:

Registered: Published:

Compilation Scale: 1:19,640 Published Scale:

Scale Factor (III): ~~0.982~~ (1.018)

Geographic Datum (III): N.A. 1927 Datum Plane (III): Mean Sea Level

Reference Station (III): Maryland-Delaware Corner - 1932

Lat.: 38°-27'-35".869 (1106.0 m) Long.: 75°-41'-38".456(932.4 m) Adjusted x
~~Unadjusted~~

State Plane Coordinates (VI):

Maryland System of Plane Coordinates; single zone.

X = 1,173,962.28 Feet Y = 230,878.16 Feet

Delaware System of Plane Coordinates, single zone.

X= 420,578.21 Feet Y = 167,622.55 Feet

Military Grid Zone (VI) "A"

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
8662*	4/14/42)	(10:56 A.M.	1:20,000	No tidal waters
8663*	4/14/42)	(to	1:20,000	" " "
8664*	4/14/42)	(10:59 A.M.	1:20,000	" " "
9-69**)			Enlarged	" " "
10-115**)	unknown	unknown	from 1:60,000	" " "
10-121**)			to 1:20,000	" " "

Tide from (III): No tidal waters

Mean Range: - Spring Range: -

Camera: (Kind or source) * U.S.C. & G. S. Nine lens Camera (focal length 8½)
** Commercial contract with special single lens aerial mapping camera (focal length 4")

Field Inspection by: G.H. Wood, Jr. W. E. Clark, J. N. Henningsen date: May 1942

Field Edit by: J. R. Evans date: September 1942

Date of Mean High-Water Line Location (III): -

Projection and Grids ruled by (III) Washington Office date: May 1942

" " " checked by: Washington Office date: May 1942

Control plotted by: J. E. Deal date: June 1942

Control checked by: J. Steinberg date: June 1942

Radial Plot by.: J. E. Deal, J. Steinberg date: June 1942

Detailed by: James J. Brazil date: June 1942

Reviewed in compilation office by: date:

Elevations on Field Edit Sheet checked by: Salisbury Office date: September 1942

STATISTICS (III)

Land Area (Sq. Statute Miles):	56.25
Shoreline (More than 200 meters to opposite shore):	None
Shoreline (Less than 200 meters to opposite shore):	None
Number of Recoverable Topographic Stations established:	None
Number of Temporary Hydrographic Stations located by radial plot:	None
Leveling (to control contours) - miles:	85.0

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

DATA RECORD T-8105

PHOTOGRAPHS

NUMBER	DATE	TIME	SCALE	ALTITUDE	TIDE
*8662, 8663, 8664	4/14/42	10:56-10:59a.m.	1:20,000	Unknown	No Tidal Waters
*8683, 8684, 8685	4/14/42	11:25-11:28a.m.	1:20,000	Unknown	No Tidal Waters
**Single Lens Photos 9-69, 10-115,10-121		Unknown	Enlarged from 60 to 20,000	Unknown	

*U.S.Coast & Geodetic Survey Nine Lens Camera (focal length 8¼")
**Commercial contract with special single lens aerial mapping camera (focal length 4")

SUPPLEMENTAL SURVEYS

Field inspection, elevations and contours by field party No. 2 under direction of Lieut. Comdr. Wm. D. Patterson.

GENERAL INFORMATION

Chief of Party----------Comdr. Fred.L.Peacock
Projection by----------Washington Office--------May 27, 1942
Projection checked by------Washington Office--------May 25, 1942
Scale Plot by----------Jack L. Rihn---------May 25, 1942
Control Plotted by----------J. E. Deal----------June 1, 1942
Control Checked by----------J. Steinberg---------June 1, 1942
Radial Plot by----------J.E.Deal and J.Steinberg-June 3,4, 1942
Radial Points Pricked by--------J. Sunderland--------June 3,4, 1942
Additional Radial Points by----James J. Brazil------June 1942
Detail Inked by----------James J. Brazil---6/18/42 to 9/7/42

STATISTICS

Area Square Statute Miles----------56.25
Shoreline over 200m.----------none
Shoreline under 200m.----------none

REFERENCE STATION

Maryland--Delaware corner, 1932 North American Datum 1927 (adj.)

Latitude	38° 27'	35.869	(1106.0m.)
Longitude	75° 41'	38.456	(932.4m.)

DESCRIPTIVE REPORT
TO ACCOMPANY
AIR PHOTOGRAPHIC SURVEY NO. T-8105
MARYLAND AND DELAWARE
HEBRON VICINITY

Date of Report August 27, 1942

INSTRUCTIONS:

This rough draft map manuscript is part of the War Mapping Project CS-278, instructions for which are contained in the Director's letter dated March 4, 1942. This manuscript falls within the sub-project division 278-B, Maryland and Delaware. This $7\frac{1}{2}$ minutes manuscript is known as Hebron Quadrangle No. 6, and is part of the 15 minutes Salisbury Quadrangle. Supplemental instructions are contained in inter-office correspondence of March 27, and June 5, 24, 1942.

FIELD INSPECTION:

Roads and woods classification, drainage, contours and elevations by Field Party No. 2 under direction of Lieut. Comdr. Wm. D. Patterson.

PHOTOGRAPHS:

Photographs were taken with the U. S. Coast & Geodetic Survey nine lens camera (focal length $8\frac{1}{4}$"); scale of 1:20,000. Photographs were taken by a commercial firm with special single lens aerial mapping camera (focal length 4"). These single lens photographs were taken at 60,000 scale and enlarged to 20,000 scale. Single lens photographs within the area of this manuscript could not be referred to as they were in the Tampa Office.

CONTROL:

There are three U. S. Coast & Geodetic Survey control stations that fall within the detailed limits of this manuscript, they are: Maryland-Delaware corner, 1932; Hebron water tank, 1942; Cooper, 1934. Three U. S. Coast & Geodetic Survey control stations are on the outer bounds of the manuscript, they are: Hatton, 1934; Charity, 1932; Homestead, 1932.

RADIAL PLOT:

A combined radial plot involving surveys Nos. T-8104, T-8105, T-8106, T-8121, T-8122 and T-8123 was run on June 3 and 4, 1942, by the usual celluloid template method. Surveys T-8106 and T-8121 which lie to the west of the 75° 45' meridian and are included in the Tampa Office project were laid with this plot to establish common control. The number of control stations permitted good intersection on the secondary control points resulting in a very good plot. The Secondary control points pricked

RADIAL PLOT: (cont'd.)

on the 20,000 photographs were used in cutting in additional detail points. Secondary control points are shown in double purple circles and detailing points are shown in single purple circles on back of manuscript.

Due to lack of photographs in the Baltimore Office, of the area west of the 75° 45' meridian, only two intersections were obtained in the plot on a small number of radial control points in the Northwest and Southwest corners and outer bounds of Survey T-8105. These weak control points are shown in green ink on back of sheet; double green circles for secondary control; single green circles for detail points. However, good three and four cut points were obtained around these green points and it is felt that they are fairly strong.

Some of the photographs had a slight amount of tilt. Rather than compute this slight amount of tilt radial intersections in the center chambers of these slightly tilted photographs were disregarded in most cases.

HYDROGRAPHIC SIGNALS:

No Hydrographic signals appear on this survey.

RECOVERABLE TOPOGRAPHIC STATIONS:

No recoverable Topographic stations occur on this survey.

DETAIL:

A scale plot was run for the entire area 278-B. Surveys T-8104, T-8105, T-8122, T-8123, T-8131, T-8132, T-8152 and T-8153 were run with the same scale factor correction (1.018). This scale adjustment was a great aid in detailing as the scale plot and photographic scale were very close.

Buildings: With the exception of small out-buildings, smaller than 0.5mm, all discernable buildings are located on the manuscript.

Roads: Except for complicated intersections, roads are shown by the center line only. Complicated intersections are shown by a double line with a minimum width of 0.5mm. Roads were classified according to the field inspection; classification followed military specifications, plate 42-2194, Engineer Production Plant, The Army War College, dated January 12, 1942.

Wooded and Cultivated or Cleared Areas: The demarcation between wooded and cultivated or cleared areas is shown by a light dashed line. Cleared areas within wooded areas are qualified by the letters (CL). Woods were classified according to the field inspection; classification followed military specifications (ref. above). Those wooded areas not classified in the

DETAIL: (cont'd.)

Wooded & Cultivated or Cleared Areas: field inspection are shown with the letter (T).

Drainage: Drainage is detailed according to field inspection. If field inspected drainage differed from the stereoscopic interpretation, the stereoscopic interpretation is shown on the map manuscript with a note on the discrepancy overlay indicating where change was made. Perennial drainage is shown by a full line; intermittent drainage lines are broken with three dots. Where contours indicated drainage but the field inspection did not show drainage, the drainage has been added by stereoscopic interpretation; this office added drainage is shown by a dot-dash symbol.

State and Political Boundaries: The Maryland and Delaware State boundary and political district boundaries are located as indicated by field inspection. The boundary lines are shown with a long dash and two short dashes on the back of the manuscript in blue acid ink; the states boundary line is heavier than those of the political districts.

The detail along the west edge of Survey T-8105 was traced onto the eastern margin of Survey T-8106, and then T-8106 was sent to the Tampa Office. Survey T-8106 lying to the west of the 75° 45' meridian, is included in the Tampa Office project.

COMPARISON WITH PREVIOUS SURVEYS:

There are no previous surveys for comparison.

JUNCTIONS:

On the North: There is no survey to the north.

On the East: Control points are common with the survey to the east. Junctions are in good agreement with this survey.

On the South: Control points are common with the survey to the south. Junctions are in good agreement with this survey.

On the West: Control points are common with the survey to the west. Detail along the west edge of T-8105 was transferred to the east margin of T-8106 to assure good junction upon completion of T-8106 in Tampa Office.

REMARKS:

Roads and woods not classified on this manuscript had not been given a classification on the field inspection; the non-classified wooded areas are shown by the letter (T). Irregularities between field inspected drainage and the same drainage as interpreted with the stereoscope in the office, are noted on the discrepancy overlay accompanying the manuscript. Other

REMARKS: (cont'd.)

irregularities and omissions in the field inspection are indicated on this discrepancy overlay. Non-classifications, omissions and differences will be checked in the field edit.

HORIZONTAL ACCURACY:

It is believed that well-defined points of planimetric detail are within the limits of error as contained in paragraph 54 of Instructions for War Mapping, CS 278 dated March 4, 1942.

RECOMMENDATION FOR FUTURE SURVEYS:

The detail as presented on this survey is believed to be complete but is to be field edited for corrections and deletions.

Respectfully submitted,

James J. Brazil
James J. Brazil
Sr. Photogrammetric Aid

Reviewed by

Jack L. Rihn
Jack L. Rihn
Prin. Photogrammetric Aid

Approved Sept. 8, 1942

L. W. Swanson
L. W. Swanson, Lieutenant
U. S. Coast & Geodetic Survey

Approved and Forwarded

Fred. L. Peacock
Fred. L. Peacock
Officer-in-Charge
Baltimore Field Office

DESCRIPTIVE REPORT TO ACCOMPANY
T-8105 (Hebron Quadrangle)
DELAWARE - MARYLAND
War Mapping Project CS-278-B
F. L. Gallen, Chief of Party
Field Inspection and Field Edit Report

GENERAL DESCRIPTION OF AREA

This is a general farming area with a porous soil of a sandy loam texture. The quadrangle is approximately fifty (50) percent wooded and is drained by several creeks running west from the center of the quadrangle.

SURVEY METHODS

Horizontal and vertical control stations were identified on the single lens photographs covering the area. All control stations were tied to the photographs as described in the first method of paragraph 14 of the instructions.

Wye levels were controlled horizontally by spotting the position of the elevations on the single lens and nine lens photographs. Wye level elevations were transferred to nine lens photographs used in contouring the area.

All contouring was done on nine lens photographs. Horizontal control was obtained from identifiable images and this eliminated to a great extent the necessity of traversing. Elevations were plotted by azimuth and distance (corrected for scale factor) after the planetable had been oriented by declinatoire.

FIELD INSPECTION OF AIR PHOTOGRAPHS

The field inspection was done in two steps; first, the horizontal and vertical control stations were picked on the photographs, and second, buildings, roads, drainage, culture, were classified. Contouring was also included in the second phase of the work. J. N. Henningsen, Principal Photogrammetric Aid, and party were charged with the second portion of the work and used nine lens photographs 8663 and 8664.

LEVELING

Wye levels were observed along all principal roads and elevations were established at one quarter mile intervals where possible. The errors of closure were generally less than 0.3 of a foot. An error of closure of one foot was allowed before it was deemed necessary to re-run the line. In such cases where closures were in need of adjustment, an approximate adjustment by proportion was made.

The single lens photographs 971, 967, and 808 were used.

A wye level was used with 12 foot rods graduated to feet and tenths. The hundredth was estimated for turning points.

CONTOURING

The contouring was done by J. N. Henningsen, Principal Photogrammetric Aid, on nine lens photographs 8663, and 8664 with a planetable and telescopic alidade. The contour interval was twenty feet. Elevations were placed on the high and low spots and in locations where they would be useful in drawing in the ten foot contours if desired in the future.

FIELD EDIT

All symbols used were according to the U. S. Geological Survey Bulletin No. 788, and from the instructions issued by the Chief of Party dated August 12, 1942.

The planetable and wye level elevations were checked in the office from the original records before beginning work in the field.

A. Boundaries

Boundaries of the political subdivisions were transferred to the map manuscript from the Census Bureau Maps and checked in the field.

B. Buildings

All building s missing from the map manuscript were located by measuring from definite points shown on the map manuscript. Occasionally it was necessary to plot detail directly from the photograph by use of the transparent overlay sheet, using road intersections and well-defined points for orientation and location. Public buildings were indicated. Barns, chicken houses, and other buildings of a permanent nature in rural areas were classified.

C. Bridges

Bridges were classified as to strength, and horizontal and vertical clearance by C. C. Fryer, Senior Photogrammetric Aid, in accordance with special instructions issued by the War Department.

D. Roads

All rural roads, with the exception of short private roads and some short woods trails were classified.

E. Woods

All wooded areas were investigated for density, concealment, type of trees and the abundance or absence of brush which would cause impediment.

F. Drainage

All small field ditches were deleted and the recommendations on the discrepancy overlay were approved.

G. Marsh Areas

The meager amount of marsh in the quadrangle was found to be essentially as compiled.

H. Shoreline

Shoreline bordering small ponds was investigated and found to be as interpreted by stereoscopic examination.

I. Aids to Navigation

None

J. Landmarks for charts

None

K. Power lines - telephone lines

Power line positions were taken from the maps of the Eastern Shore Public Service Company and the R. E. A. and the necessary additions were made in the field. Telephone lines were omitted on this manuscript according to instructions of August 12th.

L. Geographic Names

Geographic names were investigated by a party headed by A. J. Wraight, Photogrammetric Aid. The names shown on the map manuscript were taken from the Geographic Names Report, which is to be submitted as a separate report.

JUNCTIONS

The junctions of all lines were checked and an error was discovered on the western edge of the sheet near the town of Mardela Springs. The discrepancy was located and was found to exist on sheet T-8106. Corrective

suggestions are being submitted in that report.

REMARKS

The height and depth of cuts and fills was indicated on the map manuscript.

Respectfully submitted by

John R. Evans by.
Emil H. Kissche

John R. Evans,
Junior Topographic Engineer

Approved

F. L. Gallen

F. L. Gallen
Chief of Party

TESTS FOR HORIZONTAL ACCURACY
QUADRANGLE No.T-8105
PROJECT 278-B

This test consists of a traverse between Triangulation Station MD.-DEL. CORNER (1932) and Triangulation Station DELMAR (1934). The traverse is 6.26 statute miles in length and contains 15 test points, 9 of which are within the boundaries of this quadrangle. The traverse closure is one part in 6,630. Since the total closing error was only 1.52 meters, no adjustment of the discrepancy was made. The test points are referred to in the Computations as P. P. No. (photograph point number), and the test points as scaled from the map manuscript are referred to as M. M. No.

TABULATION OF TEST POINTS

Description of Point	Test Point Number	Lat.	Long.	Difference in mm.
Inter Road & Road 90°	P. P. No. 1	38-27-1282.2	75-41- 53.2	
	M. M. No. 1	38-27-1281.9	75-41- 57.9	.240
Inter road & Road 90°	P. P. No. 2	38-27-1602.5	75-40- 879.8	
	M. M. No. 2	38-27-1606.4	75-40- 879.9	.100
Inter Road & Road 90°	P. P. No. 3	38-27-1755.2	75-40- 580.3	
	M. M. No. 3	38-27-1763.2	75-40- 579.6	.401
Inter road & road 80°	P. P. No. 4	38-27-1795.6	75-40- 273.8	
	M. M. No. 4	38-27-1799.1	75-40- 263.4	.571
Inter road & tree line 80°	P. P. No. 5	38-28- 14.2	75-39-1198.5	
	M. M. No. 5	38-28- 16.0	75-39-1197.8	.097
Inter road & road 80°	P. P. No. 6	38-28- 139.8	75-39- 225.5	
	M. M. No. 6	38-28- 136.8	75-39- 216.8	.463
Inter road & road 90°	P. P. No. 7	38-28- 135.0	75-38- 799.9	
	M. M. No. 7	38-28- 136.8	75-38- 794.1	.302
Inter road & road 80°	P. P. No. 8	38-28- 130.0	75-38- 44.5	
	M. M. No. 8	38-28- 136.7	75-38- 36.9	.507
Road & woods line 90° Less well-defined.	P. P. No. 9	38-28- 162.5	75-37-1079.4	
	M. M. No. 9	38-28- 169.8	75-37-1071.5	.538

Point No. 9 should be considered as a less well-defined point. Point No. 4 is the only one which exceeds the allowable limit for well

T 8105

defined points; point No. 8 is at the limit of .5 mm. Eighty nine percent of the points tested satisfy the requirements of the instructions for this project.

Submitted by

Emil H. Kirsch

Emil H. Kirsch,
Lieutenant
U.S.Coast & Geodetic Survey

Approved:

Wm. D. Patterson

Wm. D. Patterson
Chief of Party

There is no vertical accuracy test on this quadrangle.

E.H.K.

GEOGRAPHIC NAMES LIST FOR QUADRANGLE T-8105

Baron
Barren Creek — U.S.G.B. decision 11/27/42

Blackwater Creek

Brotten Creek (Should be spelled "Brattan")

Delaware (U.S.G.B.)

Double Mill Pond Mockingbird Pond - USGB decision 11/27/42

Hebron

Maryland (U.S.G.B.)

Mockingbird Creek

Mockingbird Pond (Barren Creek Pond) — U.S.G.B. decision 11/27/42

Owens Creek

Porter's Mill Creek (Show an "'" on map)

Quantico Creek

Rewastico Creek

Rockawalking

Rockawalking Creek

Spring Grove Swamp

LIST OF NAMES SHOWN IN GEOGRAPHIC NAMES LIST
NOT SHOWN ON T-8105 COMPILATION

Bailey's Pond

Hebron Airport

Johnson Pond (Horntown Pond) — USGB decision 11/27/42

Peters Creek

Rewastico Mill Pond

ABBREVIATIONS USED ON FIELD EDIT

WOODS

Concealment:

A - Trees 10' high - hide troops
B - Brush, hide troops, impede progress
C - Scattered brush & hide troops

Density:

1 - Scattered
2 - Thinly wooded
3 - Heavily wooded
4 - Densely wooded

Type:

D - Deciduous
P - Evergreen and pine
R - Brush
S - Scrub
L - Young trees

BRIDGES (by special party)

First Symbol	One Lane	Unlimited
Capacity	5 m.p.h.	
A	50 tons	25 tons
B	25 "	18 "
C	18 "	13 "
D	10 "	7 "
E	6 "	4 "
F	Light vehicles only.	

Second Symbol:
Vertical clearance (clear height for width of 10')

A - over 14'
B - " 13'
C - " 12'
D - " 11', etc.

Third Symbol
Horizontal Clearance (width between curbs)

A - over 18'
B - " 17'
C - " 16'
D - " 15', etc.

Fourth Symbol - Year of classification.

"U" - Underpass
"T" - Tunnels

(to be substituted for the First Symbol where applicable).

ABBREVIATIONS USED ON FIELD EDIT
(continued)

BUILDINGS:

d	-	dwelling
b	-	barn
ck. h.	-	chicken house
Sto	-	Store
Bldg	-	building
Ch	-	church
Sch	-	school
P. O.	-	post office
C. H.	-	Court House
RR. Sta.	-	Railroad Station
Hos	-	Hospital

ROADS:

Rd. - Road

Classification:

Rd. 1	-	Dependable, hard surface
Rd. 2	-	Secondary, all weather
Rd. 3	-	Loose surface
Rd. 4	-	unimproved, but graded
Rd. 4U	-	Track road
Rd. 5	-	Horse or foot trail

P	-	Private Road
W	-	Width in feet
R R	-	Railroad
Tr	-	Tracks
3	-	U. S. Highway No. 3
3	-	State Highway No. 3
3	-	County Highway No. 3

T-8105

No.	Remarks	Decisions
1		384756
2		"
3		" USGB
4	Abandoned in 1930 REE	"
5	Decision 11/27/42	" USGB
6	" "	384758 "
7	" "	384757 "
8		"
9	Decision 11/27/42	"
10		"
11		"
12		"
13		"
14		"
15		383756 USGB
16		383757
17		"
18		383758
19		"
20		
21		
22		
23		
24		
25		
26		
27		

M 234

GEOGRAPHIC NAMES

Survey No. T-8105

HEBRON quadrangle

Name on Survey	On Chart No. A,	On previous survey No. B,	On U. S. quadrangle Maps C,	From local information D	On local Maps E	P. O. Guide or Map F	Rand McNally Atlas G	U. S. Light List H	K	
Hebron										1
Blackwater Creek										2
Rockawalking	(village)									3
Hebron Airport										4
Horntown Pond										5
Baron Creek										6
Baron Pond										7
Mockingbird Creek										8
Mockingbird Pond										9
Brattan Creek										10
Shady Grove Swamp										11
Owens Creek										12
Porter Mill Creek										13
Rewastico Millpond										14
Rockawalking Creek										15
Peters Creek										16
Bailey Pond										17
Rewastico Creek										18
Quantico Creek										19
SPRING HILL AIRPORT										20
										21
										22
										23
										24
										25
										26
										27

Names underlined in red approved by L. Heck on 11/28/42

M 234

DIVISION OF CHARTS

SURVEYS BRANCH

Review of Air Photographic Survey T-8105
(Hebron Quadrangle) January, 1943

This and the adjoining air photographic surveys were made for the preparation of topographic quadrangles for the War Department. The main divisions of the field surveys and office compilation in preparing these quadrangles are listed as follows for future reference:

FIELD WORK

1. Air photography

2. Field inspection for the identification of control and for the classification and clarification of planimetric details on the photographs.

3. Leveling and contouring: Contouring was accomplished by planetable directly on prints of the air photographs.

PHOTOGRAMMETRIC OFFICES

4. Compilation of all planimetric details and of contours from the photographs onto a celluloid manuscript: This compilation of details was accomplished for all of the war mapping quadrangles in either the Baltimore or Tampa Photogrammetric Office.

FIELD WORK

5. Field edit and completion surveys: Upon completion of the manuscript, lithographic prints thereof were furnished to the field party for ground examination of the maps as to completeness. Necessary corrections were made by planetable. These surveys included systematic horizontal and vertical accuracy tests which are recorded in special reports.

WASHINGTON OFFICE

6. Review: Following the field edit the maps were reviewed in the Washington Office as regards conformance to specifications and to prepare them for smooth drafting.

7. Drafting and reproduction: Smooth color separation drawings were made on metal-mounted blue lines and the quadrangles were printed from these drawings.

The check list containing a record of all work in the Washington Office is filed in the Photogrammetric Section.

The map manuscript was compiled at scale 1:20,000 and includes information of interest to this Bureau, not all of which was shown on the printed quadrangle. Because of this and in order to preserve field data, the field edit sheet is filed with a cloth back copy of the printed quadrangle.

For political boundaries, woodland, marsh, and swamp limits, refer to the printed quadrangle for the finally adopted positions.

Contemporary Hydrographic Surveys of the Bureau

There are no previous or contemporary surveys by this Bureau in the area covered by this survey, nor is any portion of it shown on the nautical charts.

Comparison with Published Quadrangles

"Salisbury" 1:62,500 U.S.G.S 1901

Numerous differences in position of details and position of contours exist. T-8105, being of more recent date and larger scale, is accepted as correct.

Radial Plot and Detailing

No revision of the radial plot was necessary and in general the detailing was satisfactorily executed.

Reviewed under direction of D. H. Benson by R.E. Elkins

Inspected by R. M. Berry and B.G. Jones

Robert W. Knox
Chief, Surveys Branch

K.T. Adams
Chief, Section of Topography

J.S. Borden
Chief, Division of Charts

G. Rude
Chief, Division of Coastal Surveys