8279

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

ON
Diag. ...
71-4

Type of Survey

Field No. T-8279 Office No.

LOCALITY

State Maryland

General locality Eastern Shore

Locality Fairlee

Rock Hall Quadrangle

N3907.5 - W7607.5/7.5

194 2

CHIEF OF PARTY

F. L. Gallen

LIBRARY & ARCHIVES

DATE June 3, 1946

B-1870-1 (1)++

8279

Form 537a
Ed. Nov. 1929

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

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. T-8279

REGISTER NO.

State Maryland

General Locality Eastern Shore

Locality Fairlee

Scale 1:20,000 Date of survey Aug.6, Nov. 10, 1942

~~Vessel~~ War Mapping Field Party No. 1

Chief of party E. L. Gallen

Surveyed by Dwight L.Greene, John C. Lajoye, Earl R. Loudon, L.G.Chambers, John R. Smith, C. C. Fryer, Lou Levin

Inked by John C. Lajoye

Heights in feet above M.S.L. to ground ~~to tops of trees~~

Contour, ~~Approximate contour, Form-line~~ interval 20 feet

Instructions dated August 3, 1942
Supplemental Instructions Aug. 13, 1942.

Remarks:

GPO 266853

General Procedure in the Production of Topographic Quadrangles for the War Department

This quadrangle, together with similar adjoining maps produced under Project CS-288A, was prepared by the Coast and Geodetic Survey for the War Department under "General Specifications for War Department Mapping Program" issued about December 1941, in which is incorporated the "Standard of Accuracy for a National Map Production Program" issued by the Bureau of the Budget under date of June 10, 1941.

The general procedure in the production of this and the adjoining quadrangles was:

PREPARATION OF BASE MAPS

Planimetric maps had been compiled of this area just prior to the war mapping project. These planimetric maps were reduced from their original scale of 1:10,000 and were compiled into quadrangle base sheets by photographic processing. Prints of these quadrangle base sheets were made on cloth-mounted paper for field work and on aluminum-mounted paper for office drafting.

FIELD SURVEYS

The field work consisted of a detailed examination of the quadrangle base sheet and the addition of 20 foot contours by planetable methods. All corrections and additions to the planimetry necessary to bring the base sheet up to date of the field work were made by planetable.

Supplementary vertical control for the planetable contouring was established by spirit levels (fly levels) to furnish unmarked elevations at road intersections and numerous other points.

PROCESSING IN THE WASHINGTON OFFICE

Review. - The field sheet was examined in the Washington Office for completeness of details and compliance with specifications.

Drafting and Reproduction. - The contours and corrections and additions to planimetry were transferred from the field sheet to the color-separation drawings by means of a map projector. Color-separation drawings were then completed in the usual manner. From these drawings, negatives and printing plates were prepared for reproduction of the finished map at scale 1:31,680.

DESCRIPTIVE REPORT TO ACCOMPANY
T-8279
MARYLAND
WAR MAPPING PROJECT CS-288-A
F.L.Gallen, Chief of Party.

INSTRUCTIONS

This work was executed under the Director's Instructions dated August 3, 1942, and supplemental instructions dated August 13, 1942.

GENERAL DESCRIPTION OF AREA

The south portion of this sheet is comprised of a series of necks and points with several large creeks making in and with a few scattered marsh areas adjacent to these creeks. Cultivated and wooded areas are about equally distributed throughout the area covered by this sheet. Fairlee is the principal town in this vicinity.

ORGANIZATION OF WORK

The survey operations on this quadrangle were undertaken in the following order:

a - Supplemental levels
b - Field edit
c - Contours
d - Bridge classification
e - Horizontal accuracy test
f - Vertical accuracy test.

Operation "a" was performed by a 4-man party; operations "b" and "c" were conjoined and performed by three 4-man parties; operation "d" by a special 2-man party; and operations "e" and "f" by two special 5-man parties.

LEVELS

The supplemental levels were run by Dwight L. Greene, Photogrammetric Aid, August 6 to August 15, 1942.

These levels were controlled from Geological Survey, Army Engineers, and Coast and Geodetic Survey bench marks, and preceded the second order levels mentioned in paragraph 13 of the instructions for this project.

A wye level, with 16 foot rods graduated in feet and tenths, was used. Elevations were read to the nearest hundredth. Elevations were taken along the centerline of all principal roads at intervals of one fourth mile intersections with other roads, hedges, fences, etc. These points were identified on a copy of the map assembly and furnished to the topographer for the control of contours.

All supplemental level lines were closed lines except for a few spur lines of less than 1½ miles in length, and along roads where the second order levels were to be later run. Level lines whose closures exceeded one foot were re-run; minor level lines (not used for the control of other lines) were not adjusted if the closing error was less than 3/10 foot. Temporary bench marks were set along the main level lines for the control of minor level lines. Elevations to the nearest 1/10 foot were furnished to the topographer.

Level ties were made with the 1942 second order bench marks by John R. Smith, Engineering Aid, October 9, 1942, after the supplemental levels had been run. There were no discrepancies in the supplemental levels over 0.27 feet.

All supplemental level elevations have been inked in black on the sheet to the nearest 1/10 foot and will be of value should five foot contours be added at a later date. All level elevations on this sheet were checked against the original level records by John C. Lajoye, Senior Photogrammetric Aid, November 16, 1942.

CONTOURING

This sheet was contoured by John C. Lajoye, Senior Photogrammetric Aid, September 23, to November 10, 1942, except for one portion at Latitude 39°13' to 15', longitude 76° 07'.5 to 14', which was done by Earl R. Loudon, Assistant Photogrammetric Aid, October 23 to November 10, 1942, and another portion east and southeast of State Highway 446, which was done by Lou Levine, Assistant Photogrammetric Aid, November 2 to November 10, 1942. The contours by Earl R. Loudon and Lou Levine were done independent of this topographic sheet on copies of the map assembly and then transferred to this sheet and checked.

The contouring was done directly on a 1:20,000 scale map assembly of the planimetric maps by standard planetable methods, except that planetable positions were located and orientations obtained from the topographic detail shown on the map assembly. Only a few short planetable traverses were run, and in each case, it was used to carry elevations for a plane table set-up.

No undue attempt was made by the topographer to secure a greater degree of accuracy in the contours than the instructions specifically called for.

U. S. Geological quadrangle maps were consulted also, and where discrepancies existed they were noted in the field. Since the Geological Survey quadrangle maps were on a much smaller scale than the work on this project, only a visual comparison was made. In general, the contours of the two surveys were in close agreement. The following are the larger discrepancies:

(1) A small closed 20-foot contour was found at Rockhall, the Geological Survey does not show any.

(2) The continuous 20-foot contour at the south portion of this sheet was found to extend further south than the Geological Survey showed it to.

(3) A large closed 80-foot contour was found around Fairlee; the Geological Survey shows two smaller ones.

All planetable elevations obtained in the field have been inked in brown on the sheet, except where the elevations were on or very close to the contour, in which case, they were left off the sheet. These elevations will be of value should five foot contours be added at a later date. Useful elevations such as are shown by the Geological Survey were obtained in the field, but no selection was made during the inking of the sheet.

The magnetic meridians shown on the sheet were obtained from orienting along State Highway 445, October 1, 1942, and along State Highway 446, November 2, 1942, by John C. Lajoye, Senior Photogrammetric Aid, and Lou Levine, Assistant Photogrammetric Aid, respectively. The magnetic meridian used by Earl R. Loudon, was in agreement with the meridian used by John C. Lajoye. However, there is a slight variation between the two meridians shown on the sheet.

FIELD EDIT

This sheet was field edited by John C. Lajoye, Senior Photogrammetric Aid, except for one portion at latitude 39°13' to 15', longitude 76°07'.5 to 14', which was done by Earl R. Loudon, Asst. Photogrammetric Aid, and another portion east and southeast of State Highway 446, which was done by Lou Levine, Asst. Photogrammetric Aid, The field edit was done by the topographers while contouring.

All symbols used during the field edit are standard topographic symbols, except that a green "x" was used for the deletions and a tick mark was used to indicate the limits of deletions, and also, the points of change in the road classification. A list of abbreviations used during the field edit is contained in the back of this report.

A. Boundaries

The boundaries of the political districts were drawn on this sheet from maps furnished by the Washington office, after they were verified locally.

B. Buildings

All farm buildings except dwellings, have been classified as "b" (barns). This includes large substantial sheds, chicken houses, etc.

The buildings on this sheet were located by a combination of planetable methods and tape distances. All buildings are shown in their relative size, except where individual buildings were so close that they could not be shown on this scale, in such cases, the buildings were slightly reduced in size. Where buildings were attached to each other then solid blocks of buildings were shown.

In general, there were a few additions or deletions of the buildings.

C. Bench Marks

The descriptions for the second order bench marks established during 1942, by Clarence Symns, Jr., Associate Geodetic Engineer, while operating as an independent party, will be submitted by that party directly to the Washington Office.

All of the above 1942 bench marks, which fall on this sheet, have been shown.

Tidal bench marks, 1, 2, 3, and 4 at Tolchester Beach, tidal bench marks 1, 2, and 3 at Shipyard Creek Landing, tidal U. S. E. benbh marks 1 and 2 at Rockhall, and bench mark Balto 78 in Fairlee were recovered and descriptions for these bench marks are submitted with this report; the positions of tidal bench marks 2, 1, and 2, and Balto 78, respectively are shown on the sheet.

Bench mark Balto 24 at Edesville was found to be destroyed and a description to that effect is submitted.

There are no other permanent bench marks, except as stated above on this sheet.

D. Bridges

Bridge classifications were made by C. C. Fryer, Photogrammetric Aid, while operating as a special 2-man field party. The classifications are in accordance with the instructions from the War Department dated July 23, 1942, and have been shown in "key" on the sheet.

Culverts (span of 20 feet as classified by the U. S. Bureau of Public Roads) have not been indicated on the sheet unless they were not capable of supporting normal loads. In which case, they have been labeled "weak culv" on the sheet.

There were no weak culverts on this sheet.

E. Field Culture

All field culture, such as wire fences, brush along fence lines, field ditches, field lines, and wagon tracks have been deleted from the map manuscript. There were no stone fences on this sheet.

F. Geographic Names

In accordance with the instructions, no special investigation of geographic names was made. However, the party was on the alert for name discrepancies and new names. The following new names were found:

(1) McCleans Corner. This Corner is located about 1.5 miles southwest of Fairlee.

(2) Georgetown. This small settlement is located about 1 mile west of Fairlee.

(3) Sharpstown. This small settlement is located east of Rockhall.

N. B. The list of names were verified in each instance by various local residents.

The roads on this sheet do not, in general, have local names. No road names were found.

G. Drainage

Numerous streams (shown by a full line on the map assembly) were reclassified as intermittent streams. There was a tendency on the air photograph survey to over extend the streams, especially in cultivated fields. These have been deleted where necessary.

H. Shoreline

There were no shoreline changes or temporary docks noted on this sheet.

I. Power and Telephone Lines

Power lines were treated in accordance with the standard practice of the Geological Survey, i. e. only trunk power transmission lines were shown, except where the lines were located in less developed rural areas and not along principal highways.

Telephone lines were treated in accordance with the Supplemental Instructions from the Director, datdd August 13, 1942.

There were no power or telephone lines falling in the above cate-

gories on this sheet.

J. Roads

All roads have been classified and shown in accordance with instructions from the Army War College dated January 12, 1942.

K. Woods

+ The wooded areas have been classified for concealment, types of trees, and density. A key to the classification is contained in the back of this report.

JUNCTIONS

This sheet joins quadrangle T-8283, on the north, T-8280 on the east, T-8273 on the south, and T-8278 on the west.

The junctions, both field edit and contours, with quadrangles T-8278, T-8273, and T-8280 have been checked by John C. Lajoye, Senior Photogrammetric Aid, and were found to be in agreement.

The junction with T-8283 will have to be discussed in the report of this sheet, if and when work is commenced on this sheet.

STATISTICS:

Supplemental levels, statute miles	49.9
Contours, square statute miles	50.0
Field Edit, square statute miles	51.5

TESTS

HORIZONTAL ACCURACY

Horizontal accuracy tests for this quadrangle is attached to this report.

VERTICAL ACCURACY

The vertical accuracy test for this sheet (latitude 39°10'.5, longitude 76°13'.3) was done by L. Levine, Asst.Photogrammetric Aid, November 2, 1942. Three separate contours were run, i. e. 15, 20, and 25-foot contours. The section of the contour tested on this sheet is within the required limits of accuracy as set forth in the instructions and 5-foot contours intervals can be added at a later date.

These test contours are shown on the sheet with orange lines connected to black dots; the black dots indicate the elevations on the contour ascertained in the field. (Sheet is filed in the Division of Photogrammetry)

The test contours were run independently of this topographic sheet on a copy of the map assembly and then transferred to this sheet and

checked.

REMARKS

This sheet was inked by John C. Lajoye, Senior Photogrammetric Aid, November 10th to November 16,1942.

This sheet is complete, and requires no further field work.

The field work on this sheet was supervised by Lieut. E. L. Jones, and the report compiled by Charles Hanavich, Senior Photogrammetric Aid.

Submitted by

Charles Hanavich

Charles Hanavich,
Senior Photogrammetric Aid

Approved

F. L. Gallen

F. L. Gallen,
Chief of Party

ABBREVIATIONS AND SYMBOLS

FIELD EDIT ON MAP MANUSCRIPTS

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

BRIDGES (by special party)

First Symbol	one lane	Unlimited
Capacity	5 mph	
	50 tons	25 tons
B	25 tons	18 tons
C	18 tons	13 tons
D	10 tons	7 tons
E	6 tons	4 tons
F	Light vehicles only	

Second Symbol
Vertical Clearance (clear height for width of 10')
- A - over 14'
- B - over 13'
- C - over 12'
- D - over 11' etc.

Third Symbol
Horzontal Clearance (width between curbs)
- A - over 18'
- B - over 17'
- C - over 16'
- D - over 15' etc

Fourth Symbol- yr. of classification
" U " Underpass to be substituted
" T " Tunnels for the first symbol (where applicable)

BUILDINGS
- d - dwelling
- b - barn
- Sto - store
- Bldg. - buiding
- h - church
- P.O. - post office
- C.H. - Courthhouse
- RR Sta. - Railroad Station
- Hos - hospital

Symbols

Streams
- Intermittent Streams---------
- Probable drainage, unsurveyed-
- Ponds and Lakes----------
- Intermittent Ponds Lakes-----
- ditch----------
- Tanks----------
- Teleph. & Telegr. Lines------
- Power Transm. Lines----------
- Cemetary, give name----------
- Fence, stone----------
- Hedge----------
- Ferries (state name)----------
- Railroad crossing----------
- Grade----------
- R R above----------
- R R below----------
- Boundaries----------
- State----------
- County----------
- Township or district----------
- Reservation----------
- City or Village----------
- Cemetary or small park-------
- Elevations, plane table------ X21
- Elevations, levels---------- X21
- Bench Mark, Permanent-------- BM X75 21
- Contour---------- 10
- Delete---------- X

Roads

Rd. -Road

Classification:
- Rd. 1 - Dependable, hard surface
- Rd. 2 - Secondary, allweather
- 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
- RR - Railroad
- Tr - Tracks
- (3) - U.S. Highway NO. 3
- (3) - State Highway No. 3
- (3) * County Highway No. 3

Note: Colors shown are for inking on red and orange sheets. With black and white prints substitute red ink for black.

TESTS FOR HORIZONTAL ACCURACY
QUADRANGLE NO. T-8279
PROJECT 288-A

This test consists of a traverse between Triangulation Station CLOUGH (1895) and Triangulation Station STEEL TOWER NO. 13 (Ecc.)(1933). The traverse is 6.68 statute miles in length and contains 18 test points, 15 of which are within the boundaries of this quadrangle. The traverse closure is one part in 6,350 and the closing discrepancy was distributed through the traverse. 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. Tests No. one through fifteen are tabulated for this report:

TABULATION OF TEST POINTS

Description of Point	Test Point Number	Lat.	Long.	Difference in mm.
Inter. road and road 90°	P. P. No. 1	39-12- 342.1	76-11- 210.4	
	M. M. No. 1	39-12- 342.1	76-11- 211.7	.065 mm
Inter. 5 roads Less well-defined.	P. P. No. 2	39-11-1658.6	76-11- 593.6	
	M. M. No. 2	39-11-1648.0	76-11- 594.1	.536 mm
Inter. road & trail 70°	P. P. No. 3	39-11- 663.3	76-11- 839.3	
	M. M. No. 3	39-11- 661.0	76-11- 838.5	.122 mm
Inter. road & road 25°	P. P. No. 4	39-11- 88.4	76-11- 978.3	
	M. M. No. 4	39-11- 87.0	76-11- 981.7	.184 mm
Inter. road & stream 45°	P. P. No. 5	39-10-1666.6	76-11-1045.1	
	M. M. No. 5	39-10-1664.4	76-11-1047.4	.159 mm
Inter. road & road 80°	P. P. No. 6	39-10-1623.6	76-11-1055.4	
	M. M. No. 6	39-10-1618.5	76-11-1059.6	.330 mm
Inter. road & road 80°	P. P. No. 7	39-10- 866.5	76-11-1203.2	
	M. M. No. 7	39-10- 865.1	76-11-1211.1	.401 mm
Inter. road & road 90°	P. P. No. 8	39-10- 852.3	76-12- 471.2	
	M. M. No. 8	39-10- 842.1	76-12- 474.0	.527 mm
Center face of house.	P. P. No. 9	39-10- 862.4	76-12- 502.6	
	M. M. No. 9	39-10- 856.1	76-12- 504.8	.333 mm
Inter. road & field line 80°	P. P. No.10	39-10- 798.3	76-12-1154.5	
	M. M. No.10	39-10- 792.9	76-12-1155.6	.276 mm
Inter. road & road 90°	P. P. No.11	39-10- 935.6	76-13- 345.0	
	M. M. No.11	39-10- 934.0	76-13- 344.6	.083 mm

TABULATION OF TEST POINTS
(continued)

Description of Point	Test Point Number	Lat.	Long.	Difference in mm.
Inter. road & road 80°	P. P. No. 12	39-10-1085.1	76-13- 968.5	
	M. M. No. 12	39-10-1083.7	76-13- 967.9	.079 mm
Inter.road & road 45°	P. P. No. 13	39-10-1375.5	76-14- 106.9	
	M. M. No. 13	39-10-1373.3	76-14- 104.6	.159 mm
Inter.road & road 90°	P. P. No. 14	39-10-1410.0	76-14- 497.3	
	M. M. No. 14	39-10-1405.0	76-14- 493.9	.302 mm
Inter.road & road. 80°	P. P. No. 15	39-10-1398.0	76-14-1361.1	
	M. M. No. 15	39-10-1393.0	76-14-1361.4	.250 mm

All test points are considered well-defined points, except No. 2, which, I believe, should be considered a less well-defined point since it consists of an intersection of five roads. Only one other point, No. 8, exceeds the limit for well-defined points. The map manuscript error of over 90% of the test points is less than .5 mm.

Submitted By

Emil H. Kirsch.

E. H. Kirsch

Lieut U. S. C. & G. Survey

Approved by

F. L. Gallen.

F. L. Gallen

Chief of Party.

	Remarks	Decisions
1		391761
2	Comegys Creek-not Back Cr. Mr. Heck 9/19 43	"
3	Pending with USGB: apply Back Creek in awaiting its decision	"
4		"
5		" USGB
6		"
7		"
8	May be off south limit of sheet	" USGB
9		"
10		"
11		"
12		"
13		"
14	Upper part of East Fork	"
15		"
16	Upper ~~Lower~~ part of East Fork	"
17		"
18		"
19		"
20	Lower part of West Fork	"
21		"
22		"
23		"
24		"
25		"
26		"
27		"

M 234

GEOGRAPHIC NAMES

Survey No. T-8279

FAIRLEE quadrangle

No. 1

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	
Quaker Neck										1
Back Creek										2
Deep Point										3
Wann Cove										4
Cacaway Island										5
East Fork										6
Hawbush Point										7
Kings Creek		Shown in T-8273								8
Philip Creek										9
Lovely Cove										10
Broad Neck										11
Longmarsh Point										12
Weir Cove										13
Island Point										14
Flat Point										15
Deep Point										16
West Fork										17
Horner Cove										18
Long Cove										19
Island Point										20
Eagle Point										21
Graveyard Cove										22
Cedar Point										23
Pastor Point										24
Whale Point										25
Bungay Creek										26
Walnut Point										27

M 234

	Remarks	Decisions
1		391761
2		"
3		"
4		"
5		"
6		" USGB
7		"
8		"
9	See page 5 of this report	"
10		391762 USGB
11		" "
12		"
13		"
14		"
15		390762
16		"
17	See page 5 of this report: not Sharpsland	"
18		"
19		392761 USGB
20	Seem page 5 of this report	"
21		392762 USGB
22		"
23		"
24		USGB
25	In extreme SE corner of quad. : name OK if it is to be shown	391761
26		"
27	omit Lovely Fork	"

M 234

GEOGRAPHIC NAMES

Survey No. T-8279

No. 2

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	
Fox Point										1
Millstone Point										2
Shipyard Landing										3
Shipyard Creek										4
Sinai Cove										5
Langford										6
Poplar Neck										7
Sandy Bottom										8
McCleans Corner										9
Rock Hall										10
Rock Hall Harbor										11
The Haven										12
Tavern Creek										13
Swan Creek										14
Eastern Neck	Shown in T-8273									15
Deadman Point										16
Sharpstown										17
Edesville										18
Fairlee										19
Georgetown										20
Fairlee Creek										21
Mitchell Bluff										22
Tolchester Beach										23
Chesapeake Bay										24
Fore Creek										25
Orchard Pt.	3/29/43			Names underlined in red approved by L. Heck on 11/24/44						26
Rock Pt.										27
Becks Hdg.										

M 234

RECORDS

Between January, 1942 and July, 1944, this Bureau completed 323 quadrangles. These maps have been published, or are in the process of being published on scales of 1:31,680 or 1:25,000. This series of quadrangles includes a land area of approximately 15,000 square miles. Incident to this work, a considerable volume of survey records and data has accumulated which will be filed for future reference. This material is filed as follows:

Registered and Filed in the Vault

Cloth-mounted copy of the published quadrangle.

Black and white cloth-mounted copy of the published quadrangle at 1:20,000 scale map manuscript. This copy is filed to preserve original survey detail shown on the manuscript at 1:20,000 scale which may not have been shown on the published sheet. For ~~political boundaries,~~ woodland, ~~marsh, and swamp limits,~~ refer to the published quadrangle for the finally adopted ~~positions~~. outlines.

Descriptive Report.

Filed in the Photogrammetric ~~Section — Surveys Branch~~ Division.

Field inspection photographs.

Contoured photographs (on which planetable contouring work was performed.)

Field edit sheet.

Descriptions of recoverable topographic stations (Form 524), filed in Review~~ing Unit~~. Section.

Supplementary traverse and level records.

Field notes, computations, lists of positions, and tabulations of results of horizontal and vertical accuracy tests.

Reproduction proof.

Correction sheet (copy of quadrangle showing in red changes to be made when next printed.)

Check lists of work performed on each sheet in the Washington Office during review, drafting, edit, and reproduction.

Original map manuscript- ozalid cloth-backed copy.

Copies of specifications and all instructions to field parties and field offices.

Filed in Reproduction Branch

Glass negatives of the color separation drawings.

Filed in the Library

Special report on field work by Commander K. T. Adams, 1944.

Special report on office work by B. G. Jones, 1944.

Season's report on field work by Commander F. L. Gallen, 1944.

Season's report on field work by Commander R. L. Schoppe, 1944.

Delivered to the Army Map Service in accordance with the contract

Film negatives and film positives of the color separation drawings.

All color separation drawings.

Original celluloid manuscript.

A correction sheet consisting of a copy of the first edition of the quadrangle with notes in red indicating changes desirable at the next printing.

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T-8279

ROCK HALL QUADRANGLE

This quadrangle manuscript has been examined for completeness, accuracy, and conformity with the specifications. It is adequate for smooth drafting, reproduction and publication. Revisions found to be necessary in this office are discussed on the next page.

Horizontal and Vertical Accuracy

A horizontal accuracy test was run in this quadrangle and found to be satisfactory. The test is inclosed in this Descriptive Report.

A vertical accuracy test was run in this quadrangle and found to be satisfactory. See page 6, item Tests, inclosed in this Descriptive Report.

Previous Surveys

This manuscript has been compared with the following previous topographic surveys of this Bureau and other agencies. This map is satisfactory to supersede the previous surveys over the common area.

See descriptive reports T-5695, T-5696, T-5698 and T-5699 for comparison of details with previous topographic surveys.

Comparison with Nautical Charts Nos. 548, 549, & 1226

The manuscript has not been applied to the charts at the date of this review. The following comments are pertinent to the compilation and correction of nautical charts:

See descriptive reports T-5695, T-5696, T-5698, and T-5699 for comparisons.

The following revisions of the map manuscript were found to be necessary and were accomplished as a part of this review:

Only changes of a minor nature were necessary during the review of this map manuscript.

Reviewed Jan. 8, 1943 By W. W. Bolling (per W.M.)
under direction of D. H. Benson

Inspected by B. G. Jones B.G. Jones 5/46

Examined and approved:

K.T. Adams
Chief, ~~Surveys Branch~~
Division of Photogrammetry

Robert W Knox
Chief, Div. of Charts
Nautical Chart Branch

Chief, Topography Section

Raymond R. Lyman
Chief, Div. of Coastal Surveys