

8178

8178

Form 504 Rev. June 1941	
DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
<i>Air Photographic</i> Photocopy Hydrographic	Sheet No. T-8178 (Field) Quadrangle Cobb Island
VIRGINIA COBB ISLAND QUADRANGLE N 3715. W. 7545/7.5	
LOCALITY	
State <u>Virginia</u>	
General locality <u>Outer Coast</u>	
Locality <u>Cobb Island</u>	
194 <u>2</u>	
CHIEF OF PARTY Lieut. Comdr. Kenneth G. Crosby Lieut. Comdr. Wm. D. Patterson	

U. S. GOVERNMENT PRINTING OFFICE 315551

October 2, 1945

DATA RECORD

T- 8178

Quadrangle (II): Cobb Island

Project No. (II):
CS-278-C

Field Office: Salisbury, Md.

Chief of Party: W. D. Patterson

Compilation Office: Tampa, Florida

Chief of Party: K. G. Crosby

Instructions dated (II III): 3-4-42

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

Completed survey received in office: 11/16/42

Reported to Nautical Chart Section: 11/42

Reviewed: 2/26/43

Applied to chart No.

Date:

Redrafting Completed: 5/21/43

Registered: 90/2/45

Published:

Compilation Scale: 1:20,000

Published Scale: 1:25,000

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927

Datum Plane (III): M.S.L.

Reference Station (III): The Spitlight, 1934

Lat.: 37°18'03.21" (99.0 m.)

Long.: 75°49'46.07" (1134.7 m.)

Adjusted
Unadjusted

State Plane Coordinates (VI): Virginia South zone.

(Not available at present time. See P. Kerr for computations. W.R. 2-9-43.)

X =

Y =

Military Grid Zone (VI)

"A"

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
8588	4-13-42	12:59 P.M.	1:20,000	- 0.35 Ft.
8996	"	3:28 P.M.	"	+ 0.10 Ft.
8997	"	3:30 P.M.	"	+ 0.10 Ft.

Tide from (III): Predicted Tides, Sand Shoal Inlet (Cobb Island C.Q. Station), Va.

Mean Range: 4.0 Ft.

Spring Range: 4.8 Ft.

Camera: (Kind or source) U.S.C. & G.S. Nine Lens (8 $\frac{1}{4}$ " Focal length)

Field Inspection by: C. Hanavich & C.O. Rector

date: May & July
1942

Field Edit by: *Wendell Bever, photo. Aid*

date: Jan. 1943

Date of Mean High-Water Line Location (III): 4/13&14/42

Projection and Grids ruled by (III) Washington Offc. date: 9-23-42

" " " checked by: " " date:

Control plotted by: A.L.Kidwell, Jr. Topo. Engr. date: 10-8-42

Control checked by: V.F.Simmons, Asst. Engr. Drafts. date: 10-9-42

Radial Plot by: Tampa Office Personnel date: 10-15-42

Detailed by: V.F.Simmons, Asst. Engr. Draftsman date: Oct. '42

Reviewed in compilation office by: J.A.Giles, Prin. Photo Aid. date: Nov. '42

J.H.S.Billmyer, Prin. Engr. Drafts.

Elevations on Field Edit Sheet

checked by: *Wendell Bever, photo. Aid*

date: Jan. 1943

STATISTICS (III)

Land Area (Sq. Statute Miles): 10.5

Shoreline (More than 200 meters to opposite shore):
65 Statute Miles

Shoreline (Less than 200 meters to opposite shore):
112 Statute Miles

Number of Recoverable Topographic Stations established: 8

Number of Temporary Hydrographic Stations located by radial plot: 4

Leveling (to control contours) - miles: 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:

COMPILATION REPORT
TO ACCOMPANY
SHEET NO. T-8178
Cobb Island Quadrangle

CONTROL

Topographic station "Bedford South Gable, 1942" is in the approximate position of triangulation station "N.E. Gable Shack, Rowes Hole, 1934". The two stations are evidently the same shack. The triangulation station is shown on the sheet.

Triangulation station "N. Gable Shack on Piles, 1934" is clearly visible on the photographs but was ^{reported} not recovered in the field. The station is plotted on the sheet.

The F.I.P. for station Pig, 1933 was picked in the wrong place on the field print, therefore the station could not be used in the radial plot.

RADIAL PLOT

The main radial plot is discussed in the compilation report for sheet T-8178.

DETAILING

The photographs were not very clear in the marsh areas and some difficulty was experienced in delineating the shoreline accurately.

SUPPLEMENTAL DATA

There were no graphic control surveys of this Bureau, or maps and places of other organization used to supplement the photographs.

LANDMARKS AND AIDS TO NAVIGATION

The geographic positions of the non-floating aids to navigation not previously located by triangulation are listed on attached form 567. These positions were determined by sextant fixes. The position of the aids located by triangulation were also checked by three point fixes, therefore indicating that they have not been moved.

The position of one landmark, "Cobb Island C. G. Flagtower", is shown on Form 567.

HYDROGRAPHIC CONTROL

Eight recoverable and four temporary topographic stations suitable for the control of hydrographic surveys fall on the sheet. The scaled geographic positions of these stations are shown on Forms 524. These positions were determined by the radial plot.

COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

A comparison was made with the Eastville, Virginia Quadrangle revised to 1938 and published by the Corps of Engineers, U. S. Army.

Practically the entire shoreline has changed due no doubt to storm action on the marshy terrain.

COMPARISON WITH NAUTICAL CHARTS

In comparing the sheet with U.S.C. and G.S. Chart No. 1222, (Scale 1:80,000 and published August 1942), the same discrepancies were noted that are mentioned under the previous heading. The map compilation adequately portrays all topographic detail and shoreline, and should supersede the charted information.

Respectfully submitted,

Vincent F. Simmons
Vincent F. Simmons,
Asst. Engineering Draftsman

Forwarded by:

Kenneth G. Crosby
Kenneth G. Crosby,
Chief of Party....

FIELD EDIT REPORT
Quadrangle T-8178
Project CS-278- C
F. L. Gallen, Chief of Party

1. The greater part of this quadrangle is comprised of marshland and shoal areas. Sand Shoal Channel, the only large channel of navigational importance, bisects the sheet near the center. Wooded areas are entirely lacking on this sheet. The only high land is located along the outer beaches bordering the Atlantic Ocean. The general shoreline is rather unstable and subjected to slight changes over a period of time.
6. By means of a hand level, elevations were spotted on the higher dunes of Cobb Island, Bone Island, and Wreck Island. These elevations are unstable both vertically and horizontally and will vary considerably over a short period of time.
15. No bridges are located on this quadrangle.
17. Political boundaries were obtained from maps ^{furnished by the Census} ~~issued by the Virginia~~
~~State Roads Commission~~ and were verified in the field.
~~Bureau~~
18. For Geographic Names refer to special report for Project CS-278-C.
46. All additions, deletions and corrections were made on the map manuscript and transferred to the smooth copy after the field edit had been completed. The inking of the map manuscript was done in accordance with the following scheme:

FEATURES

COLORS

Classification, elevations
and navigational aids
Political boundaries

Black
Purple

47. The detailing is believed to be accurate and complete.
48. Horizontal accuracy tests were run in quadrangle T-8174 and T-8175. Vertical accuracy tests were unnecessary as no elevations exceeded 13 feet in elevation.

Submitted by

Wendall Bever
Wendall Bever,
Photogrammetric Aid

Approved by

F. L. Gallen
F. L. Gallen, Chief of Party

LANDMARKS FOR CHARTS

Sheet T-8178

11-10-42

19

TO BE CHARTED
TO BE DETACHED } STRIKE OUT ONE

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks, be charted on (~~deleted from~~) the charts indicated.

The positions given have been checked after listing.

Kenneth G. Crosby

Chief of Party.

GENERAL LOCALITY	NAME AND DESCRIPTION	POSITION						METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
		LATITUDE		LONGITUDE		DATUM							
		°	'	°	'	D. P. METERS							
Flagtower, (Cobb Island Coast Guard)		37	18	486	75	46	884	N.A. 1927	Radial Plot	Oct. 1942		X	1222
<i>Superseded by list submitted by Gallen Benson 1/6/43</i>													

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data could be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

U. S. GOVERNMENT PRINTING OFFICE 08675

T-8178

Onancock, Virginia

January 6 1943

The positions given have been checked after listing.

Chief of Party

GENERAL LOCALITY	SAND SHOAL INLET, VA.	POSITION						METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
		LATITUDE		LONGITUDE		DATUM							
		0	1	D. M. METERS	0		1						
	NAME AND DESCRIPTION												
	CHANNEL BEACON "1"	37	17	1567	75 49	581	N.A. 1927	Plane- table	1943	X			1222 ✓
	MAN AND BOY CHANNEL BEACON "3"	37	17	1208	75 50	188	"	Sextant	1942	X			" ✓
	NEW MARSH CHANNEL BEACON "5"	37	17	1158	75 52	418	"	"	1942	X			" ✓
	NIKES SAND LIGHT (Bl. Bee. (Fl. W.) Sand Shoal Inlet)	37	17	1687.6	75 48	289.9	"	Engine-Sextant	1942	X			" ✓
	THE SPIT LIGHT (The Spit Light)	37	18	98.9	75 49	1134.0	"	"	1934	X			" ✓
	RUNNING CHANNEL LIGHT (Sand Shoal Channel, Running Channel, Black Beacon F)	37	17	1142.5	75 51	564.2	"	"	1933	X			" ✓

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

GEOGRAPHIC NAMES LIST FOR T-8178

Atlantic Ocean ✓
Big Easter Marsh ✓
Black Perch Creek ✓
Bone Island ✓
Cedar Creek ✓
Cobb Bay ✓
Cobb Island ✓
Cockle Point Creek ✓
Crow Bay ✓
Eckichy Channel ✓
Eckichy Marsh ✓
Elkins Marsh ✓
Gull Marsh ✓
Little Cobb Island ✓
Little Easter Marsh ✓
Loon Channel ✓
Man and Boy Channel ✓
Man & Boy Marsh ✓
Mittigy Channel ✓
Mockhorn Island ✓
New Marsh ✓
New Marsh Channel ✓
Northeast Channel ✓
Outlet Bay ✓
Parchaby's Tump ✓
Ramshorn Channel ✓
Red Drum Drain ✓
Rowes Hole Channel ✓
Running Channel ✓
S Creek ✓
Sand Shoal Channel ✓
Sand Shoal Inlet ✓
Shallow Bay ✓
Shell Creek ✓
South Bay ✓
South Channel ✓
Southeast Channel ✓
Spidercrab Bay ✓
Sundays Ditch ✓
Wreck Island ✓

Two Months Creek ✓

The Spit Light

Ramshorn Bay

ABBREVIATIONS

ROADS

W	—	Width (feet bet. shoulders)
P	—	Private road
OP	—	Overpass
UP	—	Underpass
X	—	Abandoned trail, road, etc.
RR	—	Railroad tracks; as 2 tracks

WOODS CLASSIFICATION

Density Classification

1	—	Scattered
2	—	Thinly wooded
3.	—	Heavily wooded
4	—	Densely wooded

Types of woods

D	—	Deciduous
P	—	Evergreen and pine
R	—	Brush
S	—	Scrub
Y	—	Cypress
L	—	Young trees (LP—young pines LD—young deciduous trees)

SHORE LINE

HWL	—	Mean high water; fast land
LWL	—	Low water line
LL	—	Light line; marsh shore line
M	—	Marsh inshore limits
MW	—	Marsh grass in water
Dk	—	Dock
Pier	—	Pier
Se W	—	Sea wall
Bkhd	—	Bulkhead
Jet	—	Jetty
Dol	—	Dolphin
Pile	—	Pile
S	—	Sand
Mud	—	Mud
Rk	—	Rock or rocky
Sty	—	Stony
Conc	—	Concrete
Wo	—	Wood
Blf	—	Bluff
Dune	—	Dune

BOUNDARIES

F	—	Fence
Sty F	—	Stone fence
F B	—	Fire Break
Hdg	—	Hedge
Park	—	Park
Cem	—	Cemetery
Co	—	County
Md.	—	Maryland
Va.	—	Virginia
Bdy	—	Boundary

VEGETATION

C	—	Cultivation
Gr	—	Grass

BUILDINGS

Ho	—	House
Ba	—	Barn
Sh	—	Shed
Bldg	—	Building
Bo Ho	—	Boat House
Ch	—	Church (give name)
Ct Ho	—	Court House (give name)
P O	—	Post Office (give name)
Sch	—	School (give name)
Hos	—	Hospital (give name)
RR Sta	—	Railroad station
Sto	—	Country store or gas sta.
P Sta	—	Power Station
Ck H	—	Chicken House
D	—	Dwelling

LANDMARKS

FT	—	Fire tower
TT	—	Transmission tower
RT	—	Radio Tower or mast
Air Bn	—	Airway beacon
Bn	—	Non-lighted aid to navigation
Lt	—	Lighted aid to navigation
Tk	—	Low tank
Tk elev	—	Tall tank
Stk	—	Stack

STREAMS, PONDS & BRIDGES

D	—	Largest ditches only
DX	—	Small
IS	—	Intermittent stream
PD	—	Probable drainage
Cr	—	Creek
Ca	—	Canal
Brg	—	Bridge, (capacity & clearance)
Cv	—	Culvert (capacity)
Lev	—	Levee
Dam	—	Dam
P	—	Pond
IP	—	Intermittent pond

ROAD CLASSIFICATION FOR MAPS OF ALL SCALES

CLASS	LABEL	STRUCTURE	LOADING
1	Dependable hard-surface heavy duty road.	Concrete, asphaltic concrete bituminous Macadam, H-15 type structures.	Will bear heaviest loads with little maintenance.
2	Secondary, hard-surface all-weather road.	Surface-treated, oiled gravel, waterbound Macadam, structures generally lighter than H-15 but sturdy.	Will bear fairly heavy military loads in all weather if maintained.
3	Loose-surface graded, dry-weather road.	Gravel or stone surface, stable material, selected sand-clay, etc. Drained and graded.	Will bear light military loads in good weather.
4	Unimproved road.	Graded and drained earth, with very light structure.	Generally unsuitable for military loads.
4U	Truck road	Woods roads, farm roads, etc. over which a standard gage vehicle can be driven.	
5	Trail	(Horse trails, foot trails, etc.)	

Roads with more than two (2) lanes are indicated by note along road, e. g. 3 LANE. Change in lanes shown by tick at point of change. Main roads have two lanes unless otherwise marked.

Private roads are designated by the letter P after the road classification.

WOODS CONCEALMENT CLASSIFICATION

Class A: Trees over 10' high and thick enough to hide troops.

Class B: Brush thick enough to hide troops but dense enough to impede progress.

Class C: Scattered brush thick enough to hide troops but not thick enough to impede progress.

Remarks

1	Wreck and Bone Islands in limited application are pending with USGB: apply each name pending its decision	372757	All wrecks per U.S.G.B. decision.
2		"	
3		"	
4		"	
5		"	
6		"	
7		"	
8		"	
9		"	
10	Pending with USGB with respect to Cardwell Island: apply Little Cobb I pending its decision	"	U.S.G.B.
11		372758	
12		"	
13		"	
14		"	
15		"	
16		"	
17		"	
18	Apply this name pending USGB decision with respect to former Great Drum Drain	"	U.S.G.B.
19		"	
20		"	
21		373757	
22		"	USGB
23		"	
24		"	
25		"	
26		"	
27		"	

GEOGRAPHIC NAMES

Survey No. T-8178

COBB ISLAND quadrangle
No. 1

Name on Survey

	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
	A,	B,	C,	D	E	F	G	H	K
✓ <u>Wreck Island</u>	✓								1
✓ <u>Bone Island</u>									2
✓ <u>Shell Creek</u>	✓								3
✓ <u>South Channel</u>	✓	not shown							4
✓ <u>Southeast Channel</u>	✓	"	"						5
✓ <u>Northeast Channel</u>	✓	"	"						6
✓ <u>Sand Shoal Inlet</u>	✓								7
✓ <u>Cobb Island Coast Guard Station</u>		not shown							8
✓ <u>Loon Channel</u>	✓								9
✓ <u>Little Cobb Island</u>	✓								10
✓ <u>Man and Boy Channel</u>	✓								11
✓ <u>Man and Boy Marsh</u>	✓								12
✓ <u>Mockhorn Island</u>	✓								13
✓ <u>Running Channel</u>	✓								14
✓ <u>Sand Shoal Channel</u>	✓								15
✓ <u>New Marsh Channel</u>	✓								16
✓ <u>New Marsh</u>	✓								17
✓ <u>Red Drum Drain</u>	✓	not shown							18
✓ <u>Two Mouths Creek</u>		name shown in T-8177							19
✓ <u>South Bay</u>	✓								20
✓ <u>Rowes Hole Channel</u>	✓	not shown							21
✓ <u>Cobb Island</u>	✓								22
✓ <u>Hog Island Bay</u>	✓								23
✓ <u>Parchaby Tump</u>	✓								24
✓ <u>Little Easter Marsh</u>	✓								25
✓ <u>Big Easter Marsh</u>	✓								26
✓ <u>Black Perch Creek</u>	✓								27

T-8178

No. 2

Remarks

Decisions

1	Pending with USGB with respect to Goulds Marsh: apply Gull Marsh pending its decision	373757 No change
2		373758
3		"
4		"
5		"
6	Pending with USGB: apply pending its decision	" U.S.G.B.
7		"
8	Referred to USGB for confirmation, and for possible use as title of this quadrangle instead of Cobb Island, which is only partially within its limits.	" U.S.G.B.
9		"
10		"
11		"
12		"
13		"
14		"
15		"
16		"
17		"
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		

GEOGRAPHIC NAMES

Survey No. T-8178

No. 2

Name on Survey

	A.	B.	C.	D.	E.	F.	G.	H.	K.	
<u>Gull Marsh</u> ✓										1
<u>Mittig Channel</u> ✓		not shown								2
<u>Eckichy Channel</u> ✓		" "								3
<u>Eckichy Marsh</u> ✓										4
<u>The Spit Light</u> ✓										5
<u>Ramshorn Channel</u> ✓		not shown								6
<u>Cockle Point Creek</u> ✓										7
<u>Cobb Bay</u> ✓										8
<u>Spidercrab Bay</u> ✓										9
<u>Outlet Bay</u> ✓										10
<u>Shallow Bay</u> ✓										11
<u>Sunday Ditch</u> ✓										12
<u>Elkins Marsh</u> ✓										13
<u>Crow Bay</u> ✓										14
<u>Cedar Creek</u> ✓										15
<u>S Creek</u> ✓										16
<u>Ramshorn Bay</u> ✓										17
										18
										19
										20
										21
										22
										23
										24
										25
										26
										27

Names underlined in red approved
by L. Heck on 1/16/42

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.
published quadrangle at 1:20,000 scale.
Black and white cloth-mounted copy of the/~~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.

Descriptive Report.

Filed in the Photogrammetric Section - Surveys Branch

Field inspection photographs.

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

Field edit sheet.

Descriptions of recoverable topographic stations
(Form 524), filed in Reviewing Unit.

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.

Copy of Original celluloid manuscript.

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.

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

This quadrangle, together with similar adjoining maps produced under Project C.S. 278-Q 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:

FIELD SURVEYS

Aerial photography with the Coast and Geodetic Survey nine-lens camera, with airplane and flight crew furnished by the U. S. Coast Guard. The photographs were taken to the scale of 1:20,000.

Ground inspection of the photographs for identification of control points, and classification and clarification of planimetric details on the photographs.

Contouring by planetable directly on the photographs. Supplementary vertical control was established by means of an extensive subordinate level net, furnishing unmarked elevations at road intersections, drive-ways, and numerous other points identifiable on the photographs.

COMPILATION OF MANUSCRIPT

Compilation on the map manuscripts by radial plot methods (celluloid hand templets) of all planimetry and contours. These manuscripts were drawn on the scale of 1:20,000 on celluloid sheets on which polyconic projections had been ruled with the Projection Ruling Machine in the Washington Office. Compilation was accomplished in the ~~Baltimore~~ Tampa Photogrammetric Office.

FIELD EDIT

Comparison of a copy of the manuscript with the ground. This included inspection for completeness and accuracy as well as the location by planetable methods of additional details, checking of nautical and aeronautical aids to navigation, etc.

Accuracy Tests - Application of systematic horizontal and vertical accuracy tests to check the maps for conformity with the specifications. These tests consisted of comparison of the map position and elevation of selected random points with the true position and elevation as independently determined by standard survey methods.

PROCESSING IN THE WASHINGTON OFFICE

Review - Examination of the manuscript for accuracy and completeness of compilation and compliance with specifications, correcting where necessary; addition of military and state grids and other special features; and verification of the general adequacy of the manuscript as a basis for the production of a finished map.

Drafting and Reproduction - Preparation of smooth color separation drawings on 1:20,000 scale on metal-mounted "blue-line" copies of the manuscript. From these drawings, negatives and printing plates were prepared for reproduction of the finished map on the scale of 1:31,680 or 1:25,000.

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T-8178

COBB ISLAND 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

There are no accuracy tests in this area. Refer to survey T-8177 for information on the nearest accuracy tests.

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.

T-523	1:20,000	1853
T-1202a&b	1:20,000	1869-70-88
T-1201		
T-3223	1:20,000	1910-11
T-6240	1:20,000	1934
"Eastville"	1:62,500	1938 (U.S.E.)

Comparison with Nautical Charts Nos. 1222

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:

Only minor corrections were necessary on the map manuscript.

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 Feb 22/43 By Peter Kerr
under direction of D. H. Benson *per. H.M.*

Inspected by B. G. Jones *B.G. Jones*

Examined and approved:

Charles Pierce
Chief, ~~Surveys Branch~~
CHART DIVISION

J. S. Borden
Chief, Div. of Charts

K. T. Adams
Chief, Topography Section

Raymond R. Egan
Acting Chief, Div. of Coastal
Surveys