

11715

11715

FORM C&GS-504

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey SHORELINE
Project PH-6001 Office No. T-11715
~~Form~~ No. PH-6001

LOCALITY

State MARYLAND
General locality KENT ISLAND
Locality COX CREEK

19.60-61

CHIEF OF PARTY

George F. Wirth, Chief of Field Party
W. E. Randall, Baltimore District Officer
Alfred C. Holmes, Director, A. M. C.

LIBRARY & ARCHIVES

DATE

DESCRIPTIVE REPORT - DATA RECORD

1

T- 11715

Project No. (II): Ph-6001

Quadrangle Name (IV):

Field Office (II): Photogrammetry Party 723

Chief of Party: LT (j.g.) George F. Wirth

Photogrammetric Office (III): Baltimore, Maryland

Officer-in-Charge: William E. Randall

Instructions dated (II) (III): 1/28/60
2/4/60
2/22/60

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Kelsh Plotter

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): 1:5000
(Pantograph ratio $\frac{1}{2}$)

Scale Factor (III): 1.000

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III):

~~Mean Sea Level except as noted~~ MHW
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): KENT ISLAND NORTH BASE, 1844

Lat.: 38° 58' 26.217" (808.5 m) Long.: 76° 20' 27.515" (662.3 m)

Adjusted
~~Unadjusted~~

Plane Coordinates (IV):

State: Maryland

Zone:

Y=

X=

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

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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): LCDR M. E. Natto
Robert S. Tibbetts
Philip C. Specht

Date: February 22 thru
March 1, 1960

Planetable contouring by (II): not applicable

Date:

Completion Surveys by (II): not applicable

Date:

Mean High Water Location (III) (State date and method of location): 1/11/60, Photogrammetric

Projection and Grids ruled by (IV): J.D.C.

Date: 11/23/60

Projection and Grids checked by (IV): R.A.C.

Date: 11/28/60

Control plotted by (III): J. D. McEvoy

Date: 12/7/60

Control checked by (III): D. M. Brant

Date: 12/7/60

~~Radio Plot~~ or Stereoscopic
Control extension by (III):

J. D. Perrow, Jr.

Date: 3/29/60

Stereoscopic Instrument compilation (III):

Planimetry

D. M. Brant

Date: 12/20/60

~~Contours~~

Date:

~~scribed~~
Manuscript ~~checked~~ by (III):

J. C. Cregan

Date: 9/11/61

Photogrammetric Office Review by (III): E. L. Williams

Date: 6/30/61

Elevations on Manuscript
checked by (II) (III):

Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): C&GS Type "S", 6" focal length.

000 3

Number	Date	PHOTOGRAPHS (III) Time (E.S.T.)	Scale	Stage of Tide (feet)
60-S-9135 thru 9139	1/11/60	11:24	1:25,000	- 0.4 MLW
9143 " 9147	"	11:43	"	- 0.4 MLW

Tide (III)
(from predicted tables)

Reference Station: Baltimore, Maryland
Subordinate Station: Love Point
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	1.1'	1.3'
	1.1'	1.3'

Atlantic Marine Center
~~Washington Office~~ Review by (IV):

O. H. Bishop

Date: 04-03-72

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 6
Shoreline (More than 200 meters to opposite shore) (III): 12
Shoreline (Less than 200 meters to opposite shore) (III): 5
Control Leveling - Miles (II): NOT APPLICABLE
Number of Triangulation Stations searched for (II): 14
Number of BMs searched for (II): 1
Number of Recoverable Photo Stations established (III): 2
Number of Temporary Photo Stations established (III): None

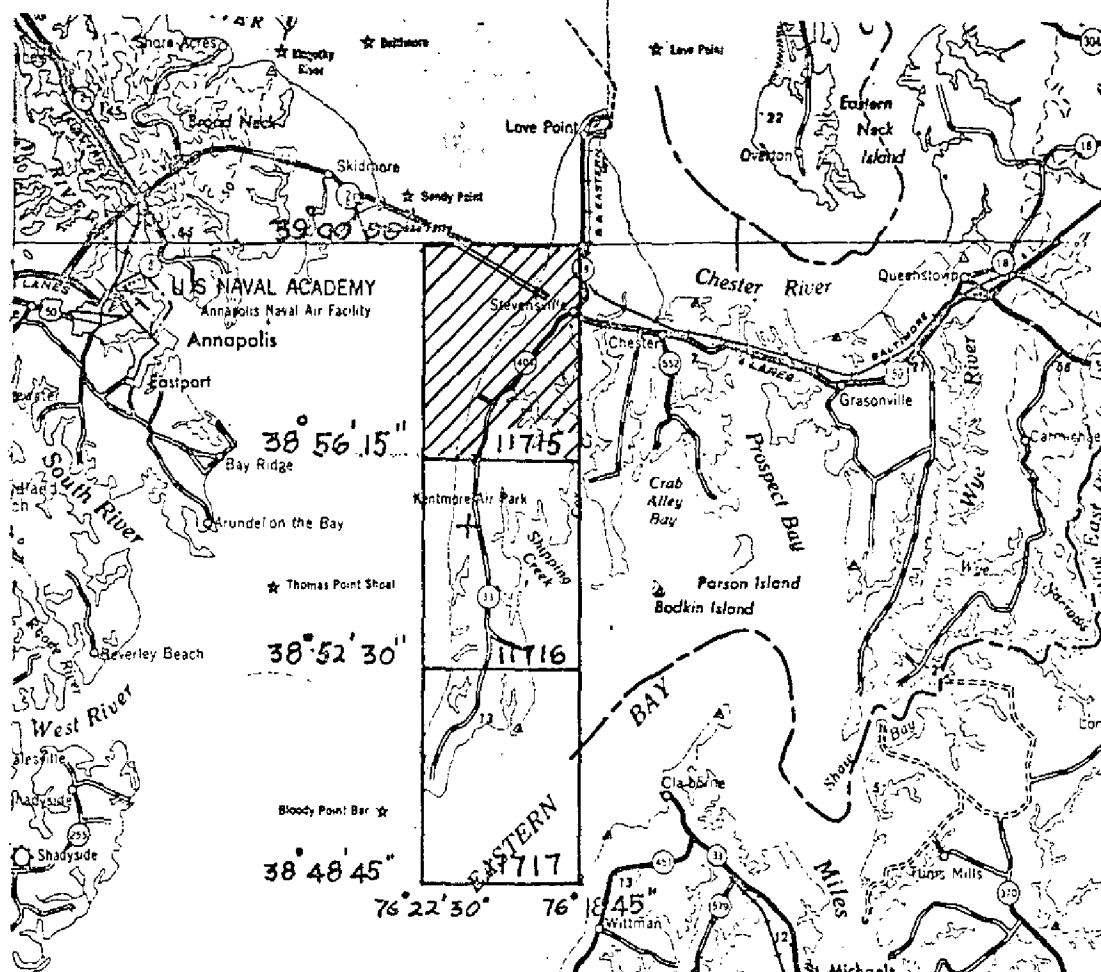
Recovered: 6 Identified: 3
Recovered: 1 Identified: 1

Remarks:

T-11715

COMPILATION RECORD	COMPLETION DATE	REMARKS
Final Advance Manuscript	Nov. 1961	Supersedes all previous copies
Final Review	April 1972	

PROJECT PH-6001
SHORELINE MAPPING
1:10,000 Scale
KENT ISLAND
Maryland



Official Mileage for Cost Accounts

<u>Sheet Number</u>	<u>Area Sq. Mi.</u>	<u>Lin., Miles Shoreline</u>
11715	6	19.2
11716	7	22.8
11717	3	12.0
Total 16		54.0

SUMMARY

DESCRIPTIVE REPORT T-11715

This 1:10,000 scale shoreline manuscript is the northernmost one of three maps comprising Project PH-6001, Kent Island, Maryland, on the east side of Chesapeake Bay.

Field inspection was completed on March 4, 1960.

Initial compilation, based on a stereoplanigraph bridge, which was not entirely satisfactory, was done graphically during March 1960. Single-lens photography, flown at 1:25,000 scale and ratioed to 1:10,000 scale, was used. A new position for Station "Price's House, South Chimney" was established and identified and a new bridge, which was very satisfactory, was run, using the same photography. The map was re-compiled in December 1960 by Kelsh Plotter, using control points established by the stereoplanigraph bridge.

Limited field edit was accomplished in July 1961 by a party from the Baltimore Office. No Field Edit Report is available other than "Notes to the Reviewer". See page 19 of this Descriptive Report.

Final review was done at the Atlantic Marine Center in April 1972.

The compilation manuscript was a vinylite sheet 3 minutes 45 seconds in latitude by 3 minutes 45 seconds in longitude.

A cronaflex copy of the final reviewed manuscript and a negative have been forwarded for record and registry.

FIELD INSPECTION REPORT

PROJECT PH-6001

MARYLAND

2. AREAL FIELD INSPECTION

This report is submitted for the entire project, covering three sheets along the west side of Kent Island, all of which falls in Queen Annes County, Maryland.

The work was accomplished during the period 8 Feb. 1960 to 4 March 1960.

The area is sparsely settled. The major occupations in the area are farming and fishing. The summer vacation population appears to be growing since several of the farms along the waterfront have been subdivided into building lots.

The field inspection was carried out on 1960 ratio prints, 1:10,000. The photographs were of excellent quality and little or no difficulty was encountered identifying objects.

3. HORIZONTAL CONTROL

All horizontal control stations, as indicated on the project diagram, were recovered with the following exceptions.

Sheet 11716:

The center mark at station JACK 1933 has been destroyed by erosion of the bank. RM No 1 1933-1954 was identified in its stead, by sun azimuth.

The C.B.A. EXPERIMENTAL TOWER 4 broke off approximately 20 feet above the ground in 1958. The point occupied by the instrument during identification of the station was the intersection of the diagonals. There is also a C&GS Bench Mark set in the NW corner of the base of this tower, and the description is not clear as to whether the center of the tower or the bench mark is the Triangulation station.

Sheet 11717:

Approx. 8 inches has been broken off the top of the center mark of Station BELL. The base of the center mark was occupied during identification. Its position was checked by setting the theodolite over the base and observing the angle between BLOODY PT BAR LIGHTHOUSE and RM No 1, and checking the published distance. RM No 1 was recovered by this method.

Triangulation Stations Sunny, 1960 and KENTMORR, 1960 were established by a three point fix.

Kent Island Speed Trial North and South front and rear ranges and David Taylor Model Basin South Base were located by traverse from stations SUNNY and KENTMORR.

4. Vertical Control

Vertical control was limited by Project instructions to the recovery of existing tidal bench marks. The only tidal bench mark in the project, BM Y 75 was identified using the photo point method.

5. Contours and Drainage

Contours not applicable.

There are a number of small perennial and intermittent streams and ditches in the area, all of which have been indicated on the field photographs.

6. Woodland Cover

Woodland cover was classified in accordance with Topographic Manual Part 2 (Ref. 5433). Swamp limits were outlined throughout the project.

7. Shoreline and Alongshore Features

The eastern shore of Kent Island is bounded by low, hard marsh in many places, the hard ground usually starts at the tree line. The marsh areas have been delineated on the photographs.

The western shore of Kent Island is frequently a 6-15 foot bluff, subject to severe erosion. The MHW is usually at the base of the bluff.

8. Offshore Features

Mooring stakes in Warehouse and Cox creeks could not be seen on the photographs, but in most cases are not a hazard to navigation.

Fish trap stakes off the west side of Kent Island are shifted from year to year. One trap is just south of Kentmorr Marina, another north of Kent Point. The owner of the Kentmorr Marina states that they are not dangerous, a fishing boat could run over the stakes with no harm.

9. Landmarks and Other Aids

Three landmarks were deleted, and three new landmarks were established. All were reported on Form 567.

-3-

10. Boundries, Monuments, and Lines

No boundaries were deliniated, in accordance with the project instructions.

11. Other Control

Prominent natural objects were pricked to meet minimum spacing requirements, and provide photo-hydro stations.

West side

11715

Chimney 1960
NW corner 1960
NE chimney 1960
Chimney 1960
North end wood Blkd 1960
Chimney 1960
chimney 1960
Chimney 1960
South end wood Blkd 1960
Chimney 1960
NW corner ferry dock 1960
West gable 1960
West gable 1960

11716

Pier 1960
Chimney 1960
NW corner old barge 1960
North chimney 1960
Chimney 1960
11717
Chimney 1960
West gable 1960
Flag pole 1960

East side

11717

South gable 1960

11716

South chimney 1960
Brick chimney 1960
Chimney 1960
Cupola 1960

12. Other Interior Features

Roads, buildings, and other features were classified according to the project instructions. There is one sod landing field in Map 11716, next to Kentmorr Marina. The limits have been deliniated on the photo. Gasoline is available, and the strip has a windsock on the south side.

13. Geographic Names

A report will be sent under separate cover.

14. Special reports and Supplemental data

A Coast Pilot report will be sent under separate cover.
Additional recovered triangulation and new triangulation data will be sent at a later date.

List of triangulation lost, not recovered, or missing
will be sent at a later date.

Respectfully submitted,

Robert S. Tibbetts
Robert S. Tibbetts

PHOTOGRAMMETRIC PLOT REPORT
PH-6001
Kent Island, Maryland
29 March 1960

21. Area Covered

This project covers sheets T-11715, T-11716 and T-11717.

22. Method

A single strip (photos 60-S-9143 thru 9151) was bridged on the stereoplanigraph to provide pass points for graphic compilation. This strip was adjusted on the IBM 650. All points were then plotted on the manuscripts by means of a coordinatograph.

23. Adequacy of Control

Horizontal control provided complied with the project instructions. Some difficulty was encountered with station "PRICE'S HOUSE SOUTH CHIMNEY 1932". It was determined by further field work that the house had been moved. A new position was established near the station which held adequately in the bridge. Positions for the final compilation should be plotted from this final adjustment.

24. Supplemental Data

None

25. Photography

The photography was adequate as to coverage, overlap and definition, with the quality of the diapositives being excellent.

SUBMITTED BY:

John D. Perrow Jr.
John D. Perrow, Jr.

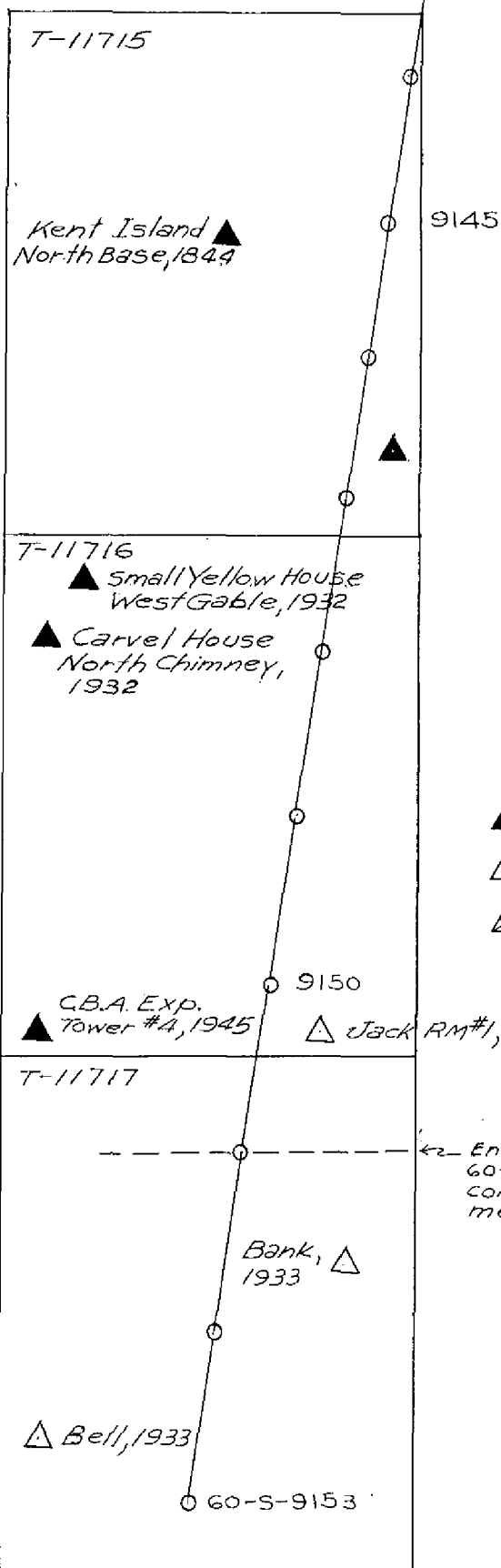
APPROVED BY:

E. H. Ramey

PH-6001
KENT ISLAND, MD
Stereoplanigraph Bridging
Scale 1:10,000

Prices House
South Chimney, 1932

60-S-9143



▲ Stations held in bridge
△ Stations not used
◐ Stations used but not held in bridge.

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T 11715

PROJECT NO. PH-6001

SCALE OF MAP 1:10,000

SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR λ -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Kent Island North Base, 1844	✓ PC-1	N.A. 1927	416,064.03 ✓ 987,361.69 ✓				
Coffee, (MSFC) 1909	PC-236	"	404,110.18 ✓ 992,623.36 ✓				
Here, (MSFC) 1909	"	"	405,311.09 ✓ 990,959.07 ✓				
Liver, (MSFC) 1909	"	"	405,212.03 ✓ 993,321.05 ✓				
Tuxon, (MSFC) 1909	"	"	405,454.23 ✓ 995,350.55 ✓				
Steve, (MSFC) 1909	"	"	407,175.89 ✓ 995,239.78 ✓				
Thompson, (MSFC) 1909	"	"	408,524.85 ✓ 994,199.26 ✓				
Landing, (MSFC) 1909	"	"	409,098.27 ✓ 995,571.97 ✓				
Hope, (MSFC) 1909	"	"	410,559.79 ✓ 994,595.59 ✓				
Here, (MSFC) 1909 Sub 1	Comp.	"	405,254.39 ✓ 990,974.56 ✓				
Here, (MSFC) 1909 Sub 2	"	"	405,341.27 ✓ 990,964.39 ✓				
Kent Island North Base, 1844 SS A	"	"	416,357.06 ✓ 987,396.71 ✓				

- 13 -

13

SCALE FACTOR.....1.000

1 FT. 3048008 METER	COMPUTED BY: Cox	DATE: March 3, 1960	CHECKED BY: DeMarr	DATE: March 4, 1960	COMM. DC-57843
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COMPILATION REPORT
PH-6001
T-11715

31. DELINEATION

This manuscript was recompiled on the Kelsh plotter using 1960 photography as directed in paragraph 3 of project instructions dated 22 November 1960.

32. CONTROL

Horizontal control was adequate.

33. SUPPLEMENTAL DATA

Final geographic names standard dated November 30, 1960.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

In addition to drainage indicated by the field inspector, several prominent ditches were compiled.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate.

Where marsh areas fringed the shoreline in a strip too narrow to accomodate the marsh symbol, the mean high water line was delineated and the marsh ignored.

Landmark bluffs were delineated in areas where field inspection indicated bluffs 6 or more feet high. Limits of bluffs were determined during a field trip made in July 1961; the criterion being that the bluffs be free of vegetation as well as precipitous.

36. OFFSHORE DETAILS

No comment

37. LANDMARKS AND AIDS

A copy of Form 567 listing two landmarks was submitted January 18, 1961.

38. CONTROL FOR FUTURE SURVEYS

Of the thirteen (13) prominent natural objects listed in paragraph 11 of the Field Report, two; CHIMNEY, 1960 (south end red brick house) and NORTHWEST CORNER FERRY DOCK, 1960; were selected as topographic stations to meet minimum spacing requirements.

The others were located as photo-hydro signals and will not be carried forward.

39. JUNCTIONS

To the south with T-11716.

To the north, east and west there are no contemporary surveys.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. thru 45.

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

AMS Sheet 5761 IV NE Kent Island, Maryland, scale 1:25,000, revised 1946, 3rd edition dated 1950.

47. COMPARISON WITH NAUTICAL CHARTS

Chart 550, scale 1:40,000, 3rd edition 1/16/61.

Respectfully submitted

8/7/61

E. L. Williams
E. L. Williams
Carto. (Photo.)

Approved and forwarded

Joseph Steinberg
For:
William E. Randall
Commander, C&GS
Baltimore District Officer

April 14, 1972

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6001 (Maryland)

T-11715

Batts Neck

Bay City

Broad Creek

Chesapeake Bay

Chesapeake Bay Bridge

Cox Creek

Ferry Landing

Kent Island

Matapeake

Normans

Stevensville

Thompson Creek

Warehouse Creek

Approved by:

A. Joseph Wraight
A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technician

PHOTOGRAMMETRIC OFFICE REVIEW

T. 11715

1. Projection and grids Edm 2. Title Edm 3. Manuscript numbers Edm 4. Manuscript size Edm
a. Classification label Edm

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy Edm 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) Edm 7. Photo hydro stations Edm 8. Bench marks Edm
9. Plotting of sextant fixes Edm 10. Photogrammetric plot report Edm 11. Detail points Edm

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline Edm 13. Low-water line Edm 14. Rocks, shoals, etc. Edm 15. Bridges Edm 16. Aids to navigation Edm 17. Landmarks Edm 18. Other alongshore physical features Edm 19. Other along-shore cultural features Edm

PHYSICAL FEATURES

20. Water features Edm 21. Natural ground cover Edm 22. Planetable contours Edm 23. Stereoscopic instrument contours Edm 24. Contours in general Edm 25. Spot elevations Edm 26. Other physical features Edm

CULTURAL FEATURES

27. Roads Edm 28. Buildings Edm 29. Railroads Edm 30. Other cultural features Edm

BOUNDARIES

31. Boundary lines Edm 32. Public land lines Edm

MISCELLANEOUS

33. Geographic names Edm 34. Junctions Edm 35. Legibility of the manuscript Edm 36. Discrepancy overlay Edm 37. Descriptive Report Edm 38. Field inspection photographs Edm 39. Forms Edm
40. J. L. Williams Reviewer Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Complier

Supervisor

43. Remarks:

NOTES TO THE REVIEWER
Ph-6001
T-11715 & T-11716

Station LOG CABIN CLUB WEST GABLE, 1932 - was not plotted on manuscript T-11715. No recovery note was submitted nor is a building visible on any photograph.

Stations which plotted on/or behind the MHWL as compiled were not removed from the manuscript if the field party reported them as lost or "unable to find."

While on a field trip during July of 1961, the reviewer had an opportunity to do a limited field edit of this project.

Changes found are shown on the original field inspection photographs in purple ink.

Major changes are discussed in detail in the descriptive reports of the appropriate manuscripts under the pertinent side headings.

A questionable geographic name encountered during this field trip is discussed in these notes because the geographic name report is not available in this office.

The geographic name "Carville Pond" on Survey T-11716 was questioned by Mr. R. L. Willis whose address is 6200 Pointdexter Road, Rockville, Maryland. Mr. Willis, who owns and is developing the property adjoining Carville Pond, states the pond is known as "Prices Creek" locally. In addition he said, "Prices Creek" appears on the old and new property deeds as well as in the records of the Corps of Engineers who gave him a permit for dredging an inlet into the pond. On the sketch accompanying this permit the pond is referred to as "Queen Anne Sound".

Several of the duck blinds which are delineated from the 1960 photography were not visible from the shore in 1961. No attempt was made to visit the location by boat.

Duck blinds in the waters south of Kent Point were seen, but apparently are in a poor state of repair.

FINAL REVIEW NOTE: This page, which accompanied the Compilation Report written in August, 1961, is included in the Descriptive Report because it is the only report available for Field Edit of Project PH-6001.

Charles H. Bishop
Charles H. Bishop
04-03-72

TO BE CHARTED
~~TO BE REVIEWED~~
TO BE DELETED

STRIKE OUT TWO

NONVOLUNTARY AIDS OR LANDMARKS FOR CHARTS

Baltimore, Maryland
18 January 1961

I recommend that the following objects which have ~~not been~~ been inspected from seaward to determine their value as landmarks be charted on ~~(see table 1)~~ the charts indicated.

The positions given have been checked after listing by

William E. Randall

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating* aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. 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.

*** TABULATE SECONDS AND METERS**

USC OMM-DC 27126

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NON-FLOATING AIDS/PA LANDMARKS FOR CHARTS

STRIKE OUT TWO.

Baltimore, Maryland 18 January 19 61

ALL CHARTS
TO BE REVISED
FOR PA LANDMARKS

I recommend that the following objects which have ~~been~~ been inspected from seaward to determine their value as landmarks be charted on ~~(charts)~~ the charts indicated.

The positions given have been checked after listing by Henry P. Eichart

Maryland				POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE #		LONGITUDE #								DATUM
				D. M. METERS	"	D. M. METERS	"							
S. RANGE	SILLO	White, concrete silo with tin roof ht=40 (57)		38 58	48.77	76 19	48.19	N.A. 1927	3/15/60	X			550	
		Front target on steel pole ht=29 (31)		38 56	06.122	76 21	46.599	"	Trav.		X		"	
N. RANGE	N. RANGE	(KENT ISLAND SPEED TRIAL NORTH FRONT RANGE 1960)												
		Rear target on steel pole ht=38 (52)		38 56	05.653	76 21	26.798	"			X		"	
S. RANGE	S. RANGE	(KENT ISLAND SPEED TRIAL NORTH REAR RANGE 1960)												
		Front target on steel pole ht=32 (42)		38 55	06.058	76 21	49.256	"			X		"	
S. RANGE	S. RANGE	(KENT ISLAND SPEED TRIAL SOUTH FRONT RANGE 1960)												
		Rear target on steel pole ht=38 (54)		38 55	05.588	76 21	29.421	"			X		"	
NW CHIMNEY	NW CHIMNEY	(KENT ISLAND SPEED TRIAL SOUTH REAR RANGE 1960)												
		Formerly charted as CENTER CHIMNEY ht=32 (41)		38 51	28.3	76 21	18.1	"	Photo. T-11717		X		" , 43	

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. 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.

* TABULATE SECONDS AND METERS

REVIEW REPORT T-11715

SHORELINE

April 3, 1972

61. GENERAL STATEMENT:

See Summary on page 6 of this Descriptive Report.

An ozalid comparison print, pages 25 through 27, showing differences noted in Items 62, 63, and 65, is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with Survey No. T-8266, scale 1:20,000, dated 1943. Differences between this survey and T-11715 are shown with blue on the comparison print. Interior features were not compared.

Considerable variation in shoreline placement was noted along Chesapeake Bay. No significant changes were noted in shoreline in Warehouse Creek, Cox Creek, and Thompson Creek.

Also, a comparison was made with Surveys RS-729 and RS-730, scale 1:20,000, dated 1961. These maps were prepared by the Coast and Geodetic Survey for the State of Maryland, Department of Tidewater Fisheries, and show fishing area boundaries, which were not mapped on T-11715. The areas compared have no significant differences in shoreline or interior details, with one exception. An area at Lat. $38^{\circ}57.1'$, Long. $76^{\circ}20.5'$ is mapped as a pond on RS-729 and as an open area on T-11715. On photographs of the vicinity, the area appears as a field or meadow and bears no resemblance to a pond.

T-11715 supersedes previous topographic surveys of the area for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with A.M.S. SHEET 5761 IV NE, KENT ISLAND, MARYLAND, scale 1:25,000, revised 1946, 3rd edition dated 1950.

Since T-8266 was the base map for this AMS Sheet, the shoreline and other details are the same on both maps. Therefore, the differences between the AMS map and T-11715 are the same as the differences between T-8266 and T-11715, and are shown with the same blue line on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic surveys were available for comparison.

65. COMPARISON WITH NAUTICAL CHARTS:

A visual comparison was made with Chart 550, scale 1:40,000, 11th edition, dated Dec. 25, 1971. The approximate positions of an airstrip between Broad Creek and the Chesapeake Bay Bridge and two microwave towers at the abandoned ferry landing at Matapeake are shown with red on the comparison print. These objects are not visible on the photographs of the area. The breakwaters at Matapeake have been extended and two navigation lights (private aids) have been installed since the date of this map.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map was compiled in compliance with Project Instructions and Bureau requirements. The Photogrammetric Plot Report states that the bridge was satisfactory after the identification problem at Station "Price's House, South Chimney 1932" was resolved and the bridge was re-adjusted. Therefore, it is assumed that the accuracy of this map meets the National Standards for Map Accuracy. No accuracy tests were run in the field.

Reviewed by:

Charles H. Bishop

Charles H. Bishop
Cartographer
April 3, 1972

Approved for forwarding:

Melvin J. Umbach
Melvin J. Umbach, CDR, NOAA
Chief, Photogrammetry Division, AMC

Approved:

Alfred C. Holmes
Alfred C. Holmes, RADM, NOAA
Director, Atlantic Marine Center

Approved:

Charles J. Jenner *Jack E. Guth*
Chief, Photogrammetric Branch Chief, Coastal Mapping Division

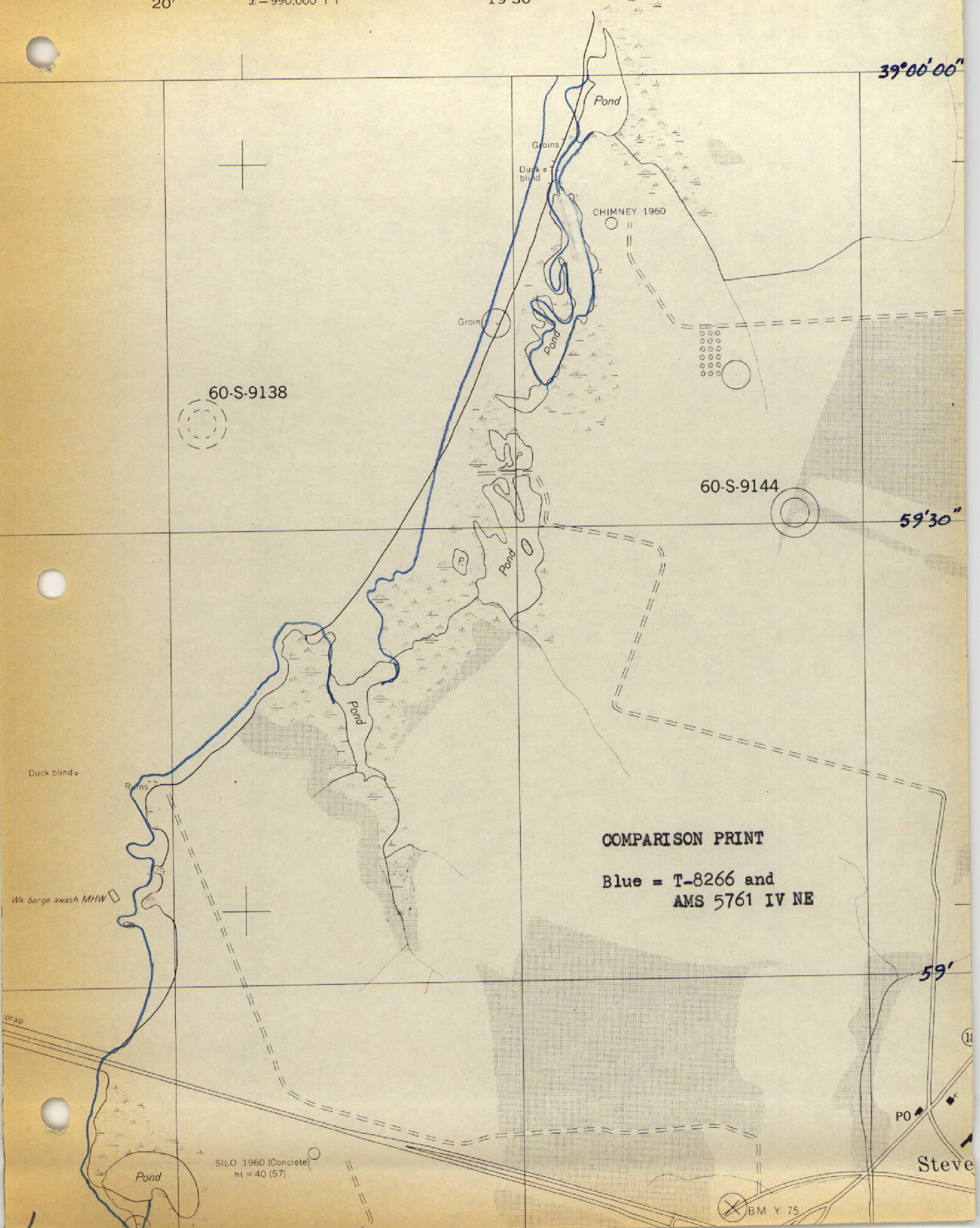
20'

x=990,000 FT

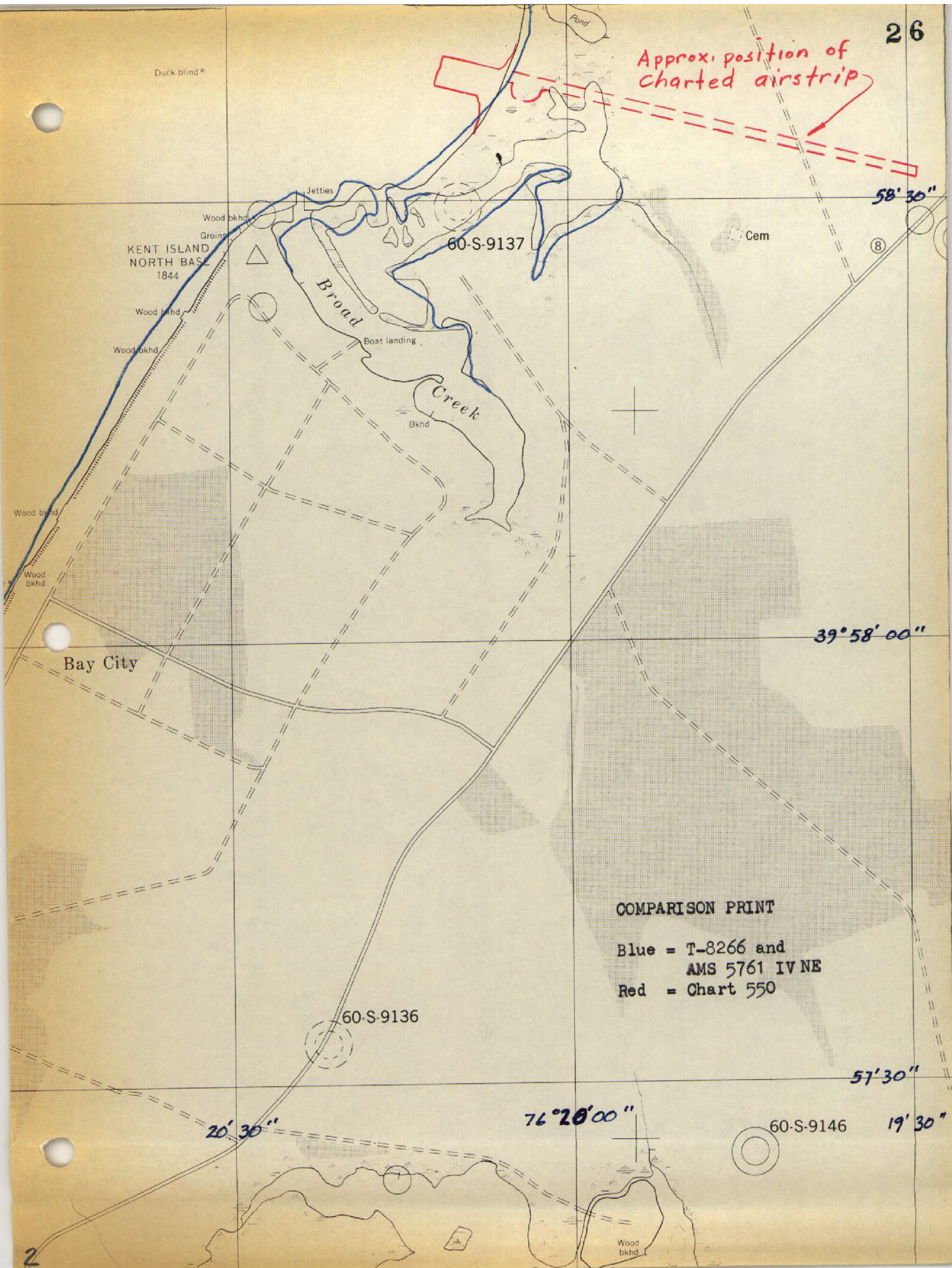
19'30"

19' x=995,000

39°00'00"



Approx. position of
charted airstrip



Additions to Bkw.
and lights established
after date of this
map.

COMPARISON PRINT

Blue = T-8266 and
AMS 5761 IV NE
Red = Chart 550

x=980,000 FT 22'

76° 21' 30"

21' x=985,000

Camp Wright

27

51'30"

Matapeake

Steel sheet piling

Riprap

Dols

Ferry Landing

(Aband)

Wood slips

Steel sheet piling

Rock groin

Riprap

NORTHWEST CORNER
FERRY DOCK 1960

759

Road closed

Approx. position of
charted Micro Towers

Duck blind

39°51'00"

Duck blind

56'30"

Normans

Transmission line

Pond

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]