

8731

Diag. Cht. No. 538 & 1233

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. _____ Office No. T-8731

LOCALITY

State North Carolina (MERRIMON)

General locality Beaufort

Locality Adams Creek

1946-'49

CHIEF OF PARTY

R.J. Sipe, Chief of Party

R.A. Gilmore, Tampa Photo. Office

LIBRARY & ARCHIVES :

DATE February 24, 1950

8-1870-1 (1)

8731

DATA RECORD

T-8731

Quadrangle (II): *Topographic*

Project No. (II): Ph-5(46) C

Field Office: New Bern, N.C.

Chief of Party: Riley J. Sipe

Compilation Office: Tampa, Fla.

Chief of Party: Ross A. Gilmore

Instructions dated (II III): Undated

Supplement #1 11 Nov 1946

Copy filed in Descriptive

Report No. T- (VI)

Div. of Photogr. files

Completed survey received in office:

*11-17-48*Reported to Nautical Chart Section: *11-23-48*Reviewed: *Dec. 12, 1949*

Applied to chart No.

Date:

Redrafting Completed:

Registered: *28 Jan 1950*

Published:

Compilation Scale: 1: 20,000

Published Scale: *1: 24,000*

Scale Factor (III): None

Geographic Datum (III): N.A. 1927

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

Reference Station (III): NICK, 1935

Lat.: $34^{\circ} 56' 48.815(1504.3m)$ Long.: $76^{\circ} 40' 19.686(499.5m)$ Adjusted
~~Unadjusted~~

State Plane Coordinates (VI):

North Carolina

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
15989	5 April, 1946	15:07	1:20,000	No perceptible tide.
15990	"	15:08	"	"
16004	"	15:53	"	"
16005	"	15:54	"	"
16006	"	15:55	"	"

Tide from (III): No perceptible ^{periodic} tide

Mean Range: ----- Spring Range: -----

Camera: (Kind or source) U. S. C. & G.S. 9-lens, 8 $\frac{1}{4}$ focal length

Field Inspection by:	W.M. Reynolds	date: May 22, 1947
	J.S. Howell	to
	E.L. Williams	Jan. 19, 1948
Field Edit by:	E.T. Jenkins	date: Mar 7, 1949

Date of Mean High-Water Line Location (III): May, 1947

Projection and Grids ruled by (III) H.R.(Wash. Off.) date: Nov. 20, 1947

" " " checked by: T.L.J. (Wash. Off.) date: Nov. 20, 1947

Control plotted by: C.H. Baldwin date: Dec. 10-16, 1947

Control checked by: R.A. Reece date: Dec. 12-16, 1947

Radial Plot by: M.M. Slavney date: June 1, 1948

Detailed by: C.H. Baldwin date: Sept.-Oct. 1948

Reviewed in compilation office by: J.A. Giles date: Oct. 1948

Map Manuscript
Elevations on ~~Field Edit Sheet~~
checked by: J.A. Giles date: Oct. 1948

STATISTICS (III)

Land Area (Sq. Statute Miles): 37

Shoreline (More than 200 meters to opposite shore): 30 Statute Miles

Shoreline (Less than 200 meters to opposite shore): 13.6 " "

Number of Recoverable Topographic Stations established: 2

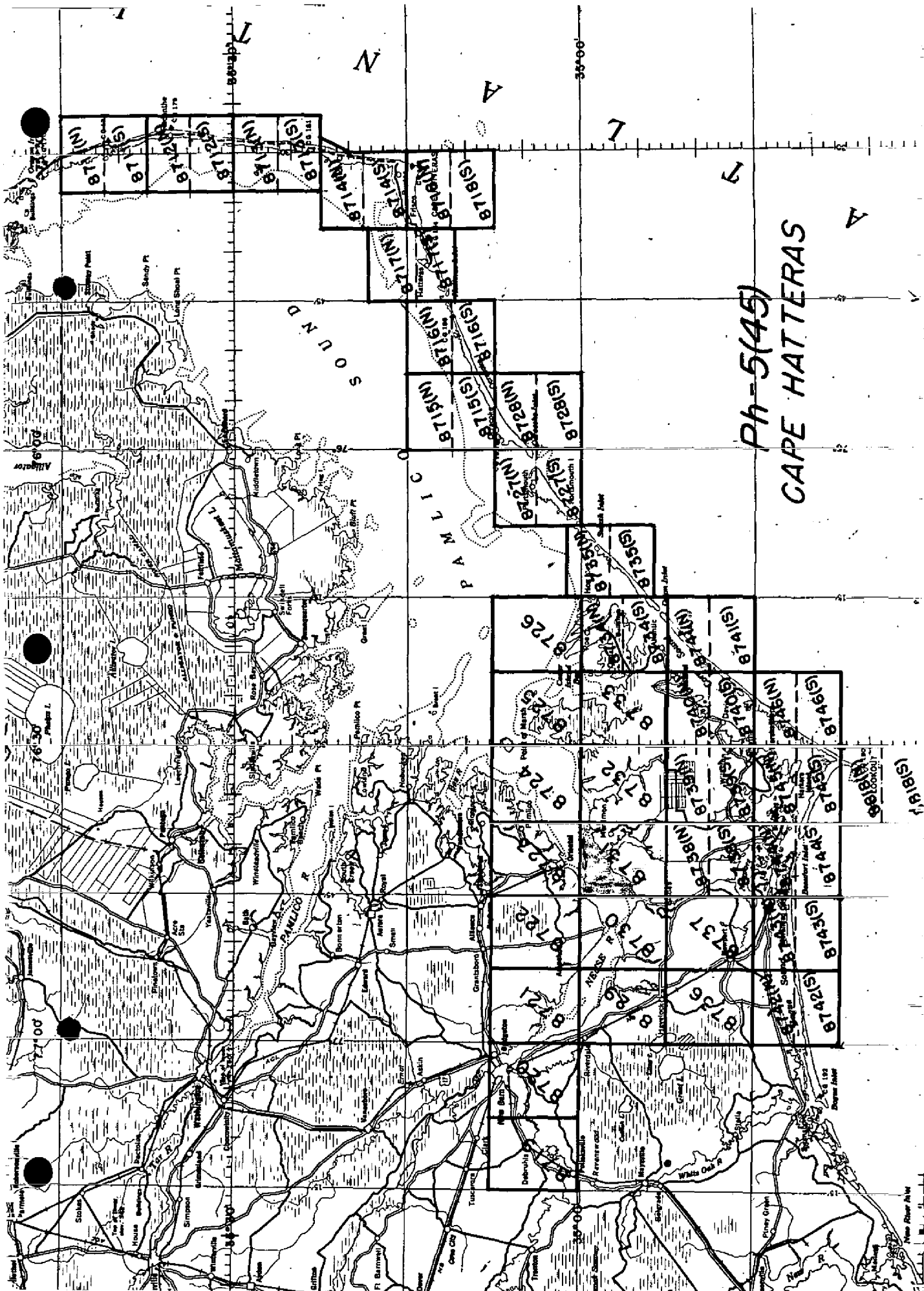
Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contours) - miles: 36

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:



Ph-5(45)
CAPE HATTERAS

Summary Report to Accompany T-8731 (Topographic)

T-8731 is one of a series of thirty-seven 7.5 minute topographic quadrangles in Ph-5(45). This map is one of 21 maps being compiled at 1:20,000.

The area which is covered by T-8731 is low, boggy, swamp land primarily, and cultivation is confined to those parts that have been drained by numerous ditches which lead into the tributaries of Adams Creek and the Neuse River. The quadrangle is in the central and western part of the project and falls almost entirely south of the Neuse River. The Intra-coastal Waterway courses through the body of the manuscript via the Neuse River and turns into Adams Creek on its way through a dredged channel to Beaufort Inlet to the south.

The field work was accomplished in 1947-48 by personnel under the direction of Riley J. Sipe; the office compilation was done in 1948 in the Tampa Office; and the field edit was completed in March 1949.

The several mapping operations were:

- a) Nine-lens aerial photography and laboratory processing at 1:20,000 scale.
- b) The field survey including shoreline inspection, recovery and identification of horizontal control, establishment and identification of vertical control, planetable contouring, clarification of photographic detail, and geographic name investigation.
- c) Compilation by graphic methods.
- d) Preliminary office inspection.
- e) Field check and edit of finished manuscript.
- f) Final review of the map manuscript to ensure completeness and conformance with specifications, and to include corrections in accordance with the field completion survey.
- g) Processing - A 1:20,000 scale glass plate negative will be prepared for transmittal to the Geological Survey.

T-8731 will be published and distributed by the Geological Survey at a scale of 1:24,000 as a standard topographic quadrangle in accordance with an agreement of March 25, 1947.

Data pertaining to T-8731 will be filed and may be obtained as follows:

- a) Filed in the Division of Photogrammetry
 1. T-8731 scale 1:20,000 map manuscript, field edit and final review corrections applied.
 2. Duplicate descriptive report.
 3. Form 524, topographic station cards (2).
 4. Form M-2226-12, pricking cards for photo identification of horizontal control used in the radial line plot. (18)
 5. Field edit sheet.
- b) Filed in the Coast and Geodetic Survey Archives.
 1. One 1:20,000 scale cloth-backed lithographic print of map manuscript T-8731 and the original descriptive report will be registered.

2. When T-8731 is published a cloth-backed copy of the published map, at a scale of 1:24,000, will be registered.

FIELD INSPECTION REPORT
T-8731 (34°52.5'/76°37.5')
Project Ph-5(45)0
Sub-Project C

All Phases of the field work were done in accordance with the Director's Instructions, Project Ph-5(45), Field, undated and Supplement #1 to the above, dated 11 November 1946, except for deviations noted herein.

The field work in this quadrangle was performed by the following personnel on the dates indicated:

<u>NAME & TITLE</u>	<u>FIELD WORK</u>	<u>DATES</u>
M. A. Stewart	Third Order	5/1/47-
Engr. Aid	Vertical Control	5/15/47
J. S. Howell	Horiz. Control	8/25/47-
Topo. Engr.	Shoreline Inspection	5/16/47 to 5/22/47
W. M. Reynolds	Horiz. Control	5/22/47
Engr. Aid	Shoreline Inspection	8/25/47
E. L. Williams	Horizontal	10/1/47-
Engr. Aid	Control	10/30/47
	Vertical	10/20/47-
	Control	10/30/47
	Contours	11/3/47-1/15/48
	Field Inspection	1/18/48-1/19/48

1. DESCRIPTION OF THE AREA

The waters of Neuse River occupy about one third of the quadrangle in its north west portion. On the east the road to Merrimon roughly bounds the quadrangle and the west boundary parallels Clubfoot Creek.

The land area is cultivated along the banks of Neuse River and its tributaries. Inland the quadrangle is densely wooded. The ground is extremely boggy in large areas, making lumbering difficult.

Adams Creek, which is part of the Intracoastal Waterway, is in the eastern half of the quadrangle.

Elevations range from sea level to 17 feet. Spoil banks along the canal are about 20 feet and in one small area are sand hills 22 feet high.

2. COMPLETENESS OF FIELD INSPECTION

Field inspection is believed to be completely and adequately covered on the photographs.

3. INTERPRETATION OF THE PHOTOGRAPHS

No difficulty was encountered in the interpretation of the photographs.

4. HORIZONTAL CONTROL

Four Corps of Engrs. monuments were searched for and recovered. Twenty U.S. Engr. stations were searched for and none were found.

Thirty seven U.S.C.&G.S. triangulation stations (excluding Lights and Daybeacons) were searched for. Fifteen of these were not found.

5. VERTICAL CONTROL

One third order level line was run in the quadrangle and bench marks were established about every mile along the line. From bench marks of this line fly levels were run and spot elevations were established to be used in contouring. The maximum error of closure in the fly levels was 0.56 feet. *4, 3d order BM's established on this quad.*

6. CONTOURS AND DRAINAGE

Contouring was done by planetable methods on 9-lens 1:20,000 scale photographs. Streams were easily identified on the photographs in most cases, because the undergrowth grows very densely in the beds of the streams. Where this was not the case the position was plotted by planetable. Between Clubfoot Creek and Adams Creek the general orientation of the drainage from the edges of the relatively high flat land is into the forementioned creeks.

Many other smaller creeks drain north into Neuse River. There is much swampy ground and many intermittent ponds.

7. MEAN HIGH WATER LINE

The average tide range is approximately two feet. No record of the tide variation is available and as the Neuse River is connected to Newport River by a canal, the tide is extremely variable. There is no perceptible periodic tide in the Neuse River.

Much of the shoreline is apparent due to vegetation in the soft mud deposited by the river and canal.

8. LOW WATER LINE

Due to the extremely variable nature of the tide it was impossible to determine accurately the low water line. Along the Inland Waterway Canal, however, due to the steep banks, the MHWL and low water line are synonymous.

9. WHARVES AND SHORELINE STRUCTURES

No substantial wharves or shoreline structures exist within the limits of this quadrangle. Small docks used by lumber barges and now abandoned and farm buildings dot the shoreline.

10. DETAILS OFFSHORE FROM MEAN HIGH WATER LINE

Piling offshore from mean high water line in Adams Creek was located by sextant fixes.

An old boiler in Adams Creek was located by a sextant fix.

Two wrecks charted on the east side of Adams Creek and visible at any stage of tide were not found by the field inspection. It is recommended that further investigation be made by the hydrographic party.

11. LANDMARKS AND AIDS TO NAVIGATION

No recommendations pertaining to landmarks are made.

Fixed Aids to Navigation were located on the photographs or cut in by theodolite or sextant and described on Form 567.

12. HYDROGRAPHIC CONTROL .

The existing triangulation net is intense along Adams Creek and sufficiently so along the Neuse River for hydrographic control. Therefore no topographic or hydrographic stations were set.

See Review Report 66.

13. LANDING FIELDS AND AERONAUTICAL AIDS

There are no landing fields or aeronautical aids in the quadrangle.

14. ROADS

The roads and trails were classified according to Photogrammetry Instructions #10 dated 14 April 1947 and its amendment dated October 24, 1947.

15. BRIDGES

There are no bridges over navigable water in the quadrangle.

16. BUILDINGS AND STRUCTURES

Adequately shown on the photographs.

17. BOUNDARY MONUMENTS AND LINES

No boundary monuments exist in the quadrangle. A straightline extends from a monument in Quad T-8732 to a bridge in Quad T-8737 through this quadrangle. It is the Carteret-Craven County Line boundary and is not shown on the photographs of the quadrangle. This county boundary follows Adams Creek to a junction with the Pamlico County boundary in the Neuse River. See Special Report on Boundaries by A. J. Wraight, Topographic Engineer.

18. GEOGRAPHIC NAMES

Geographic names were investigated in the field and will be the subject of a special report by Mr. A. J. Wraight, Topographic Engineer.

Submitted:

Date: 27 Feb. 1948

E. L. Williams
E. L. Williams
Engr. Aid

Approved:

Date: 27 Feb. 1948
Riley J. Sipe
Riley J. Sipe
Chief of Party

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TO BE CHARTED
TO BE DELETED

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Tampa Photogrammetric Office

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 by/s/Richard A. Reece

Tampa Photogrammetric Office

/s/ Ross A. Gilmore

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating*

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED ~~TO BE CHARTED~~ STRIKE OUT ONE

New Bern, N.C.

27 January, 1948

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

The positions given have been checked after listing by
Charles H. Baldwin
Tampa Photogrammetric Office

Chief of Party.

STATE	Forth Carolina	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE		LONGITUDE									
				°	'	D. M. METERS	°	'	D. P. METERS						
CHARTING NAME				34	57	1561	76	40	1345	N.A. 1927	Radial Plot	1947	X X	X X	538 1233 538 1233 538 1233 538 1233 538 1233 538
ADAMS CREEK LIGHT 3				34	57	730	76	40	1364	"	"	"		X X	538 1233 538 1233 538 1233 538 1233 538
ADAMS CREEK LIGHT 4				34	56	1003.2	76	39	898.9	"	Triang	1935		X X	538 1233 538 1233 538 1233 538 1233 538
ADAMS CREEK RANGE FRONT LIGHT 7				34	56	306.9	76	39	47.2	"	"	"		X X	538 1233 538 1233 538 1233 538 1233 538
ADAMS CREEK RANGE REAR LIGHT 7 & 9				34	55	1815.5	76	39	213.8	"	"	"		X X	538 1233 538 1233 538 1233 538 1233 538
ADAMS CREEK RANGE FRONT LIGHT 9				34	55	926.	76	39	713	"	Radial Plot	1947		X	538 1233 538 1233 538 1233 538 1233 538
ADAMS CREEK DAYBEACON 10				34	55	137	76	39	951	"	"	"		X	538 1233 538 1233 538 1233 538 1233 538
ADAMS CREEK DAYBEACON 11				34	55	1322	76	39	1411	"	"	"		X	538 1233 538 1233 538 1233 538 1233 538
ADAMS CREEK DAYBEACON 12				34	54	555	76	40	169	"	"	"		X	538 1233 538 1233 538 1233 538 1233 538
ADAMS CREEK LIGHT 13										"	"	"		X	538 1233 538 1233 538 1233 538 1233 538
ADAMS CREEK DAYBEACON 14										"	"	"		X	538 1233 538 1233 538 1233 538 1233 538
ADAMS CREEK DAYBEACON 15				34	53	1841	76	40	1160	"	"	"		X	538 1233 538 1233 538 1233 538 1233 538
ADAMS CREEK LIGHT 16				34	53	1665	76	41	126	"	"	"		X	538 1233 538 1233 538 1233 538 1233 538
ADAMS CREEK DAYBEACON 17				34	53	1226	76	40	263	"	"	"		X	538 1233 538 1233 538 1233 538 1233 538
ADAMS CREEK LIGHT 18				34	53	714	76	41	349	"	"	"		X	538 1233 538 1233 538 1233 538 1233 538

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 recorded on this form. The data should be considered for the charts of the area and not for

MAP T-8731

PROJECT NO. Ph-5(45)

SCALE OF MAP 1:20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR μ -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		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS (BACK)
						FORWARD	(BACK)	
ADAMS CREEK BN No. 2, 1935	G.P.s. P. 259	N.A. 1927	34 57 49.527" 76 40 57.168	<i>Destroyed (field edit)</i>		1526.2 (322.7) 1450.4 (71.7)		
FOY, 1935	"	"	34 57 13.941 76 40 58.695			429.6 (1419.3) 1489.3 (33.0)		
DELMAR, 1935	"	"	34 57 07.257 76 40 44.722			223.6 (1625.3) 1134.7 (387.7)		
JAMESON, 1935	"	"	34 57 20.285 76 40 19.371			625.1 (1223.8) 491.5 (1030.8)		
DUMPLING, 1935	G.P.s. P. 260	"	34 56 53.774 76 39 42.502			1657.1 (191.8) 1078.5 (443.9)		
SEC 1935	"	"	34 56 27.950 76 39 46.038			861.3 (987.6) 1168.3 (354.3)		
MALT, 1935	"	"	34 56 29.765 76 39 20.048			917.2 (931.7) 508.8 (1013.8)		
CARRAWAY, 1935	G.P.s. P. 259	"	34 55 48.433 76 38 29.825			1492.5 (356.4) 757.0 (765.8)		
CEDAR, 1935	G.P.s. P. 260	"	34 55 51.315 76 38 50.987			1581.3 (267.6) 1294.1 (228.6)		
SCARE, 1935	G.P.s. P. 261	"	34 55 41.591 76 39 05.529			1281.7 (567.2) 140.3 (1382.5)		
BONEY, 1936	G.P.s. P. 261	"	34 55 14.007 76 39 20.281			431.6 (1417.3) 514.8 (1008.1)		
KELLUM, 1935	"	"	34 55 17.996 76 39 54.029			554.6 (1294.3) 1371.4 (151.5)		

1 FT. = 3048006 METER
COMPUTED BY W.H. Shearouse

DATE 2 April, 1947

CHECKED BY R.J. Pate

DATE 9 July, 1947

M. 2388-12

MAP T 8731

PROJECT NO Ph-5(45)

SCALE OF MAP 1:20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -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)
BACK, 1935	G.Ps. P.261	N.A. 1927	34° 54' 55.130"			1698.9 (150.0)	
			76 39 35.977			913.2 (609.8)	
KEARNEY, 1935	G.Ps. P. 262	"	34 54 44.968			1385.7 (463.2)	
			76 39 58.563			1486.6 (36.5)	
GRAPH, 1935	"	"	34 54 32.392			998.2 (850.7)	
			76 39 44.795			1137.2 (386.0)	
EXIT, 1935	"	"	34 54 30.970			954.4 (894.5)	
			76 40 07.400			187.9 (1335.3)	
TYPE, 1935	G.Ps. P.449	"	34 56 02.946			90.8 (1758.1)	
			76 43 10.520			267.0 (1255.7)	
RAT, X 1935	G.Ps. P.449	"	34 59 44.580		Destroyed 1947	1373.8 (475.1)	
			76 44 23.815			603.9 (917.7)	
GREAT IS. 2, 1911	G.Ps. P.445	"	34 53 48.322		Destroyed 1932	1489.1 (359.8)	
			76 44 49.597			1258.6 (264.0)	
C of E. MON # 52	C of E. 477	"	34 55 14.969			461.3 (1387.6)	
			76 41 00.997			25.3 (1497.7)	
C of E MON # 51	C of E. 478	"	34 54 59.801			1842.8 (6.1)	
			76 41 11.834			300.4 (1222.6)	
C of E. MON # 17	C of E. 479	"	34 53 04.005			123.4 (1725.5)	
			76 44 43.863			1113.9 (409.8)	
C of E MON. # 16	C of E. 480	"	34 52 59.003			1818.2 (30.7)	
			76 44 44.573			1131.9 (391.8)	
AND 1935	G.Ps. P.449	"	34 59 17.270			532.2 (1316.7)	
			76 37 57.811			1466.2 (55.5)	

1 FT. = .3048006 METERS
COMPUTED BY: W.H. Shearouse

DATE 2 April, 1947

CHECKED BY: R.J. Pate

DATE 9 July, 1947

M-2388-12

MAP T-8731

PROJECT NO. Ph-5(45)

SCALE OF MAP 1: 20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR μ -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
GAR, 1935	G.Ps. P.449	N.A. 1927	34° 58' 51.059"				1573.4	(275.5)	
			76 39 38.432				974.8	(547.0)	
ADAMS CR. LT. 1913	G.Ps. P.483	"	34 57 50.135	<i>Destroyed (field edit)</i>			1545.0	(303.9)	
			76 40 59.543				1510.6	(11.5)	
FRONT RANGE, 1913	G.Ps. P.487	"	34 57 16.34	<i>No recovery</i>			503.5	(1345.4)	
			76 40 12.79				324.5	(1197.8)	
NICK, 1935	G.Ps. P.260	"	34 56 48.815				1504.3	(344.6)	
			76 40 19.686				499.5	(1023.1)	
DUMPLING CR. LT. 1913	G.Ps. P. 487	"	34 56 33.51	<i>Destroyed 1933</i>			1032.6	(816.3)	
			76 39 40.01				1015.3	(507.2)	
DUMPLING FRONT RANGE LT., 1935	G.Ps. P. 262	"	34 56 32.554				1003.2	(845.7)	
			76 39 35.425				898.9	(623.6)	
DUMPLING CR. REAR RANGE LT., 1935	G.Ps. P.260	"	34 56 09.959				306.9	(1542.0)	
			76 39 01.858				47.2	(1475.5)	
CEDAR CR. FRONT RANGE LT., 1935	G.Ps. P.262	"	34 55 58.914				1815.5	(33.4)	
			76 39 08.423				213.8	(1308.9)	
I (USE) X 1913	G.Ps. P.484	"	34 56 03.23	<i>Destroyed</i>			99.5	(1749.4)	
			76 39 27.99				710.4	(812.3)	
OTTO, 1935	G.Ps. P. 261	"	34 55 37.728				1162.6	(686.3)	
			76 39 40.422				1026.0	(496.8)	
GREAT NECK PT. ECC., 1931	Sp. Pub. 192	"	34 57 13.206				406.9	(1442.0)	
			76 42 28.933				734.1	(788.3)	

1 FT. = 3048008 METER

COMPUTED BY: W.H. Shearouse

DATE 2 April, 1947

CHECKED BY: R.J. Pate

DATE July 9, 1947

M-2388-12

COMPILATION REPORT
TO ACCOMPANY
QUADRANGLE T-8731

26 AND 27. CONTROL AND RADIAL PLOT:

A special report (plot No. 6) was prepared and submitted by Milton M. Slavney, Photogrammetric Engineer on August 4, 1948.

28. DELINEATION:

The nine-lens photographs used in delineating this quadrangle were of poor scale with the exception of photograph 15990 which was of very good scale.

The field inspection was adequate.

The map manuscript has been delineated according to the latest instructions.

29. SUPPLEMENTAL DATA:

None was used.

30. MEAN HIGH-WATER LINE:

The mean high-water line has been shown according to the information furnished by the field inspector.

31. LOW-WATER AND SHOAL LINES:

See Field Inspection Report, item No. 8.

32. DETAILS OFFSHORE FROM HIGH-WATER LINE:

Piling and an old boiler in Adams Creek were located by sextant fixes. The fixes were very good.

33. WHARVES AND SHORELINE STRUCTURES:

See item No. 9 of the Field Inspection Report.

34. LANDMARKS AND AIDS TO NAVIGATION:

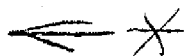
No landmarks were located in this quadrangle. Fixed Aids to navigation have been shown according to the information supplied by the field inspector.

35. HYDROGRAPHIC CONTROL:

No hydrographic control was established.

* ~~Reviewers~~ - Please vacillate the
the ramps limits with reference to
the cushions. Ramps limits don't
need to fall on contours but
wouldn't expect a ramp to have
a decided slope. Please call
me when you look at this.
12/13/91

Is there any
more of



36. LANDING FIELDS AND AERONAUTICAL AIDS:

None.

37. POLITICAL BOUNDARIES:

Township 5 and Merrimon Township fall partially within this quadrangle. These township boundaries follow county lines. See Geographic Names Report submitted by A.J. Wraight.

38. GEOGRAPHIC NAMES:

All geographic names have been shown from the geographic names sheet as submitted by the Washington Office.

39. TOPOGRAPHIC STATIONS:

The field inspection report item No. 12, states that, "no topographic or hydrographic stations were set," though form 524 was submitted for topographic stations "EGGS, 1948 and "GREAT NECK POINT ECCENTRIC, 1931, R.M. No. 2 (AZ. MK) 1935, 1947. These stations have been shown on the map manuscript and their positions scaled, checked and added to the card (524).

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

No topographic quadrangle was available; however, comparison was made with planimetric map T-5566 and found to be in good agreement.

45. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with U.S. C. & G.S. Nautical Chart No. 538 bearing a print date of August 4, 1947.

No discrepancies were noted. In general, the shoreline is in good agreement. The map manuscript should supersede the charted information.

Respectfully submitted,

Charles H. Baldwin
Charles H. Baldwin,
Photogrammetric Aid

Approved and Forwarded:

Ross A. Gilmore
Ross A. Gilmore, 11/10/48
Chief of Party.

GEOGRAPHIC NAMES

Survey No. T-8731

MERRIMON 7 1/2' quad/. N.C.

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	
North Carolina ✓								USCB	1
Neuse River ✓								"	2
Intracoastal Waterway ✓								"	3
Pamlico County ✓	Township 5 ✓								4
Craven County ✓	Township 5 ✓								5
Carteret County ✓	Merrimon Township ✓								6
									7
Great Island ✓									8
Long Creek ✓									9
Great Neck Creek ✓									10
Oak Grove Methodist Church ✓									11
Gulden Creek	(only a small portion here)								12
Adams Creek Canal ✓	(part of I.W.W., but name still maintained on nautical chart 538)								13
Jerry Bay ✓									14
Isaac Creek ✓									15
Turnpike Road									16
Back Creek ✓									17
Kearney Creek ✓									18
Great Neck ✓	(village)								19
Antioch Baptist Church ✓									20
Zion Methodist Church ✓									21
Adams Creek School ✓									22
Kellum Creek ✓									23
Cedar Creek ✓	Cedar creek applies to wider portion near Adams Creek Culdee Creek to narrow upstream portion								24
Jonaquin Creek ✓									25
Great Neck ✓									26
Delamar Creek ✓	remains unchanged								27

GEOGRAPHIC NAMES

Survey No.

7-8731

2 Name on Survey

	A	B	C	D	E	F	G	H	K	
Godfrey Creek ✓										1
Great Neck Point ✓										2
Courts Creek ✓	Coaches Creek ✓									3
Adams Creek ✓										4
Sandy Huss Creek ✓										5
Dumpling Creek ✓										6
Merrimon ✓										7
Merrimon School										8
Merrimon Methodist Church										9
Reels Chapel										10
Sandy Point ✓										11
Berrys Creek ✓										12
Garbacon Creek										13
Garbacon Shoal										14
Cedar Point ✓	Piney Point ✓				stet Cedar Pt. - Heck 7/1/55					15
Winthrop Point ✓										16
Daniels Point ✓										17
										18
					Above names are approved, subject to a final check by the Field Edit investigation. 12/20/48. L. Heck					19
										20
					Changes made 10-14-49					21
					on bases of report dated					22
					July 26, 1949 from					23
					field party L.H.					24
										25
										26
										27

FIELD EDIT REPORT
Quadrangle T-8731
(34°52.5 - 76°37.5/7.5)
Project Ph-5(45)

E. R. McCarthy, Chief of Party

The field edit of this quadrangle was accomplished during the period of 11 February to 25 February 1949, by Elgan W. Jenkins, Cartographer. All work was performed in accordance with Field Edit Instructions, dated 24 August 1945, and supplement 1, dated 4 February 1946.

46. METHODS

This quadrangle was inspected by truck, traversing all existing roads. Walking was necessary in areas inaccessible to truck to reconcile questions by compiler or reviewer, or where the field editor suspected a weakness in the compilation. All features added to the map compilation, were either cut in by planetable or by measurements from topographic features.

Day beacon # 14, located in Adams Creek, was located by theodolite cuts from photo points. A list of directions, (Form 24A) is being submitted for each photo point. Some additions and corrections were noted on the photographs with a reference to the photograph on the field edit sheet. A legend showing the color of inks used by the field editor is shown on the field edit sheet.

47. ADEQUACY OF THE COMPILATION

The compilation was adequate with the exception that many buildings were omitted during compilation.

48. ACCURACY TESTS

There were no accuracy tests specified for this quadrangle but it is believed to comply with the horizontal and vertical accuracy specifications.

4. HORIZONTAL CONTROL

Forms 526 have been submitted to reconcile any questions on horizontal control.

18. GEOGRAPHIC NAMES *see attached list of approved names*

Several name discrepancies were noted during field edit.

The creek shown on existing charts as "Cedar Creek" is not known by that name in that vicinity. Many local people were contacted and in

every instance, this creek was called "CULLIE CREEK". It is recommended that the creek shown as "CEDAR CREEK" be changed to "CULLIE CREEK". ✓

Both
The creek shown as DELAMAR CREEK is not known within the limits of this quadrangle. All persons contacted know this creek as "OLD MILL CREEK". It is recommended this creek's name be changed from DELAMAR CREEK to OLD MILL CREEK. *No*

The point on the south shore of the Neuse river that is shown as "CEDAR POINT" is now known as PINEY POINT. It is recommended this point be named PINEY POINT. *OK*

The small creek approximately one and one half miles southwest of the mouth of Adams Creek is shown as COURTS CREEK. Several people were contacted in regards to this name, and all persons in every instance knew this creek as "COACHES CREEK." It is recommended this creek's name be changed to COACHES CREEK. *OK*

The map was examined for possible errors by ^{Mr.} Messrs. Thurman Pittman, Mr. D.M. Salter and Mr. Guy Hardy of Merrimon, N.C. They could find no errors, except the aforementioned discrepancies.

Submitted:
7 March 1949

E. T. Jenkins
E. T. Jenkins
Cartographer

Approved:
7 March 1949

E. R. McCarthy
E. R. McCarthy
Chief of Party

Review Report T-8731
Topographic Map
13 December 1949

62. Comparison with Registered Topographic Surveys.-

T-1052	1:20,000	1867
3824	"	1920
5566	1:10,000	1934
6467	"	1935

The above listed surveys are superseded completely by T-8731 for nautical charting purposes.

63. Comparison with Maps of Other Agencies.-

None

64. Comparison with Contemporary Hydrographic Surveys.-

None

65. Comparison with Nautical Charts.-

1231	1:80,000	1938
1233	"	1942
538	1:40,000	1939

The geographic names Courts Creek and Cedar Pt. have been changed. (See the Geographic Names List attached to this report). No recovery was made to verify or delete the wreck charted at the mouth of Coaches (Courts) Creek. No image appears on the photographs.

Dumpling Creek and Cedar Creek Ranges on Chart 538 are both indicated as Adams Creek Ranges in the 1949 Light List.

66. Adequacy of Results and Future Surveys.-No horizontal or vertical accuracy tests were made for this survey. The delineation of the limits of swamp areas was made by stereoscopic investigation and interpretation.

Form 526 was not submitted for triangulation station GREAT ISLAND 2, 1911. It could not be recovered in 1932 and is to be considered lost. The location of one more station is desirable in the vicinity of Great Island and Long Creek to fulfill the desirable density of horizontal control.

The limits of the dredged channel for the route of the Intracoastal Waterway in Adams Creek is not discernible on these photographs.

This survey T-8731 fulfills the project instructions and Bureau policy except for the aforementioned and complies with the National Standards of Accuracy.

It unqualifiedly supersedes all other surveys of this area. It is considered the most complete survey to date, and should be used for ~~any~~ newly assigned nautical chart construction.

Reviewed by:

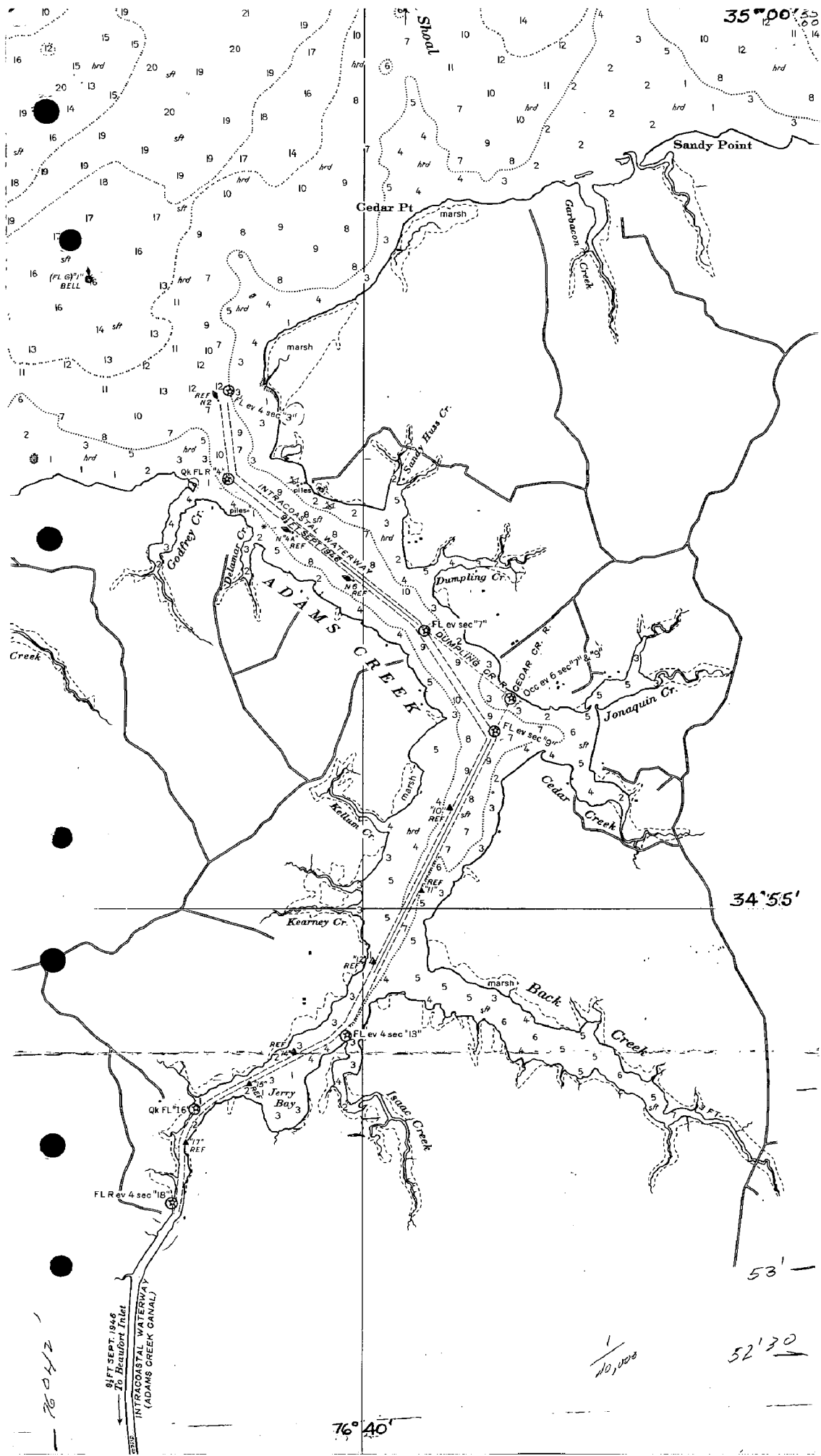
Roscoe J. French
Roscoe J. French

APPROVED

L. V. Griffith
Chief, Review Section *K.H.*
Div. of Photogrammetry

H. C. Johnston
Chief, Nautical Chart Branch
Division of Charts

O. S. Reading
Chief, Div. of Photogrammetry & *K. P. Cusby*
Chief, Div. of Coastal Surveys



35°00'

Sandy Point

Cedar Pt

ADAMS CREEK

34°55'

53'

52°30'

76°40'

8/17 SEPT 1944
To Beaufort Inlet
INTRACOASTAL WATERWAY
(ADAMS CREEK CANAL)

1/10,000

NAUTICAL CHARTS BRANCH

SURVEY NO. 873/

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.