

TP- 00901

TP- 00901

NOAA FORM 76-35

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

### DESCRIPTIVE REPORT

Type of Survey ..... Shoreline .....

Job No. CM-7505 ..... Map No. TP-00901 .....

Classification No. III-Final Edition No. ...1 .....

This map will not be field edited.

#### LOCALITY

State ..... Maryland and Virginia .....

General Locality ..... Ocean City & Chincoteague Inlets .....

Locality ..Chincoteague Inlet .....

1978 TO 19

#### REGISTRY IN ARCHIVES

DATE .....

☆ U.S. GOVERNMENT PRINTING OFFICE: 1974-762-901

B212211 No Cover OCT 48-82  
J02, 2210 Part Applied - at Proof MZM 10/81  
12200

NOAA FORM 76-36A (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TP. <u>00901</u> MAP EDITION NO. (1) MAP CLASS III (FINAL) JOB <u>CM-7505</u> PH. <u>7505</u>
DESCRIPTIVE REPORT - DATA RECORD		

PHOTOGRAMMETRIC OFFICE COASTAL MAPPING DIV., NORFOLK, VA. OFFICER-IN-CHARGE ROY K. MATSUSHIGE	LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__
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I. INSTRUCTIONS DATED	
1. OFFICE	2. FIELD
JOB REVISION-----SEPT. 9, 1975 AEROTRIANGULATION-----JULY 21, 1976 AMENDMENT-----AUG. 22, 1978 COMPILATION-----AUG. 2, 1976 SUPPLEMENT-----AUG. 23, 1978	CONTROL (PREMARKING)-----Jan 26 1976

II. DATUMS	
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN	OTHER (Specify)
2. VERTICAL: <input type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL	OTHER (Specify)
3. MAP PROJECTION LAMBERT CONFORMAL	4. GRID(S) STATE VA. ZONE SOUTH
5. SCALE 1:20,000	STATE ZONE

III. HISTORY OF OFFICE OPERATIONS		
OPERATIONS	NAME	DATE
1. AEROTRIANGULATION BY S. SOLBECK Aug. 1976- AUG. 1978 METHOD: ANALYTIC LANDMARKS AND AIDS BY NONE		
2. CONTROL AND BRIDGE POINTS PLOTTED BY S. SOLBECK Aug. 1976- AUG. 1978 METHOD: CORADOMAT CHECKED BY " " " "		
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY D. BUTLER JAN. 1979 COMPILATION CHECKED BY R. KRAVITZ JAN. 1979 INSTRUMENT: WILD B-8 CONTOURS BY N.A. SCALE: 1:30,000 CHECKED BY N.A.		
4. MANUSCRIPT DELINEATION PLANIMETRY BY D. BUTLER MAR. 1979 CHECKED BY F. MARGIOTTA APRIL 1979 METHOD: SMOOTH DRAFTED CONTOURS BY N.A. CHECKED BY N.A. HYDRO SUPPORT DATA BY D. BUTLER FEB. 1979 CHECKED BY F. MARGIOTTA APRIL 1979		
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY " " " "		
6. APPLICATION OF FIELD EDIT DATA BY NONE CHECKED BY NONE		
7. COMPILATION SECTION REVIEW BY NONE		
8. FINAL REVIEW (CLASS III) BY JIM BYRD June 1981		
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY JIM BYRD June 1981		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY R. KENT Sept. 1981		
11. MAP REGISTERED - COASTAL SURVEY SECTION BY N. H. W. O'Keefe OCT 1981		

NOAA FORM 76-36B  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

## COMPILATION SOURCES

TP-00901

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) WILD RC 10 "Y" - Focal length= 152.2 mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Eastern	
				MERIDIAN 75th	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
78Y(P) 3830-3833	4/29/78	11:39	1:60,000	2.1 ft. above MLW	

## REMARKS

Bridging and compilation photography

## 2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled from the above listed photography.

## 3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

No mean low water line is depicted on this map.

## 4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

## 5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST

## REMARKS

There are no contemporary surveys joining this manuscript.

TP-00901

HISTORY OF FIELD OPERATIONS

I.  FIELD INSPECTION OPERATION  FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. TIBBETTS	FEB. 1976
2. HORIZONTAL CONTROL	RECOVERED BY " " "	" "
	ESTABLISHED BY NONE	
	PRE-MARKED OR IDENTIFIED BY R.D.W.	FEB. 1976
3. VERTICAL CONTROL	RECOVERED BY NONE	
	ESTABLISHED BY NONE	
	PRE-MARKED OR IDENTIFIED BY NONE	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY NONE	
	LOCATED (Field Methods) BY NONE	
	IDENTIFIED BY NONE	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	<input type="checkbox"/> COMPLETE	
	<input type="checkbox"/> SPECIFIC NAMES ONLY	
	<input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY NONE	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED	2. VERTICAL CONTROL IDENTIFIED
Pre-marked	NONE

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
76C(C) 4108	EASY, 1949		
76C(C) 4107	BARNES, 1909		
76C(C) 4108	TAYLOR, 1849		
76C(C) 4110	CHIN 2, 1962		
76C(C) 4111	BLAKE R.M.I. 1934		

3. PHOTO NUMBERS (Clarification of details)  
None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED  
None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES:  REPORT  NONE

6. BOUNDARY AND LIMITS:  REPORT  NONE

7. SUPPLEMENTAL MAPS AND PLANS  
None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)  
2-Forms 76-77 Leveling Record-Tide Station  
5-Forms 76-53, 2-forms 76-67 and 1-form 738.

TP-00901  
**RECORD OF SURVEY USE**

**I. MANUSCRIPT COPIES**

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete, but inaccurate due to parallax problems.	April 4, 1977	Class V manuscript Void and superseded	April 4, 1977	Apr. 4, 1977
Compilation complete. 1978 photography and Aerotriangulation	Apr. 2, 1979	Class III manuscript Superseded		
Reviewed	Dec. 1980	Class III (FINAL)		
Chart Maintenance Print	Aug 20, '81	Class III	Aug. 20, 81	

**II. LANDMARKS AND AIDS TO NAVIGATION**

**1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH**

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

2.  REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: \_\_\_\_\_  
 3.  REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

**III. FEDERAL RECORDS CENTER DATA**

1.  BRIDGING PHOTOGRAPHS;  DUPLICATE BRIDGING REPORT;  COMPUTER READOUTS.  
 2.  CONTROL STATION IDENTIFICATION CARDS;  FORM NOS 567 SUBMITTED BY FIELD PARTIES.  
 3.  SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:  
 4.  DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: \_\_\_\_\_

**IV. SURVEY EDITIONS** (This section shall be completed each time a new map edition is registered)

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY  MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY  MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY  MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

DANGER AREA 204 25  
(see note A)

DELAWARE  
MARYLAND

Fl 3ec 834 15M

Official Mileage for Cost Accounts

Sheet	Sq. Mi.
TP-00866	3
TP-00901	6
<b>Total:</b>	<b>9</b>

38°22'30"  
 TANK  
 Ocean City  
 PC RR  
 E Int 6sec 72ft 41"  
 R Bn 294 km  
 TP-00866  
 38°17'30"

75°32'30"

MARYLAND — Franklin City

TP-00901  
 38°00'00"  
 37°50'00"  
 75°22'30"

CHINCOTEAGUE BAY  
 Ocean City  
 Franklin City  
 Chincoteague Inlet  
 Tangier Inlet  
 Chincoteague Inlet  
 Franklin City  
 Tangier Inlet  
 Chincoteague Inlet

JOB CM-7505

OCEAN CITY AND CHINCOTEAGUE INLETS  
 MARYLAND & VIRGINIA  
 SHORELINE MAPPING  
 SCALE 1:10,000 & 1:20,000

Chincoteague Inlet  
 Tangier Inlet  
 Chincoteague Inlet  
 Franklin City  
 Tangier Inlet  
 Chincoteague Inlet

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT TP-00901

TP-00901 is a (1:20,000) Class III shoreline map covering Chincoteague Inlet, Virginia and its tributaries form Chincoteague Bay southwest to Womans Bay.

This is one of two maps comprising project CM-7505. The other map, TP-00866 (1:10,000), Ocean City, Maryland, was final reviewed as Class I at AMC and forwarded to Rockville in March 1978 for registration. (See Summary in Descriptive Report TP-00866).

The purpose of this map is to provide support for hydrographic operations and basic shoreline for updating nautical charts.

Field work prior to compilation was limited to the recovery and identification of horizontal control for bridging and the acquisition of tidal information in connection with the tide coordinated photography. No clarification of details was accomplished.

The area was flown in March 1976 with color photography using the "C" camera at 1:60,000 scale. Vacuum failure was experienced and the map could not be compiled according to NOS accuracy standards, so the area was re-flown in April 1978 on black and white panchromatic photography with the "Y" camera at 1:60,000 scale.

Analytic aerotriangulation was performed at the Washington Science Center in August 1978.

The map was compiled as Class III at AMC January thru April 1979.

Field edit was canceled by letter October 28, 1980.

Final Review of the Class III map was performed in June 1981. The base manuscript and all pertinent data was forwarded to the Washington Science Center for final registration.

This Descriptive Report contains all pertinent reports and listings of all data used to complete the manuscript.

## FIELD INSPECTION

TP-00901

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification of the horizontal control necessary for the aerotriangulation of the project, which was completed in 1976.



Photogrammetric Plot Report  
Ocean City, Maryland and Chincoteague, Virginia  
CM-7505  
August 1976

21. Area Covered

Ocean City Md.: The area covered by this portion of the job is from the middle of Assateague Island north to mid central (or north) Ocean City. This area is covered by a single 1:10,000 scale T-sheet (TP-00866).

Chincoteague, Va.: The area covered by this portion of the job is Chincoteague Inlet and the tributaries associated with it. The northern limits include a portion of Chincoteague Bay and Sinnickson; the eastern limits include a portion of Chincoteague City and the Chincoteague National Wildlife Refuge; the southern limits include Wallops Island and Oyster Bay. The area is covered by a single 1:20,000 scale T-sheet (TP-00901).

22. Method

One strip of color photography for each job was bridged by analytic aerotriangulation methods. Common points were located on the bridging photography and all photography being used for ratio purposes. Ratio prints were ordered. The T-sheet manuscripts were plotted on the Coradomat.

23. Adequacy of Control

The control for the job proved adequate, except for station Ocean City Center Municipal Water Tank, 1955. According to a conversation, during the week of 28 July 1976, with the Superintendent of Water Works for Ocean City, in 1973 a new water tank was erected in this vicinity. Geodesy was informed of this move. With all other control being good, this station was dropped from the adjustment.

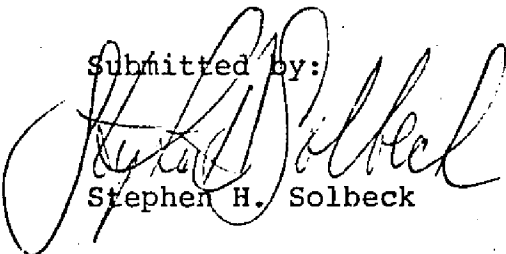
24. Supplemental Data

USGS quadrangles were used to provide vertical control for the strip adjustment.

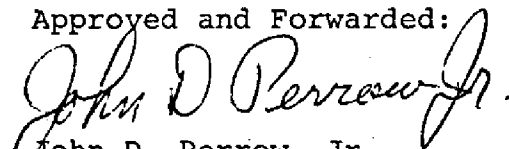
25. Photography

The coverage, overlap and quality of the photography was adequate for the job.

Submitted by:

  
Stephen H. Solbeck

Approved and Forwarded:

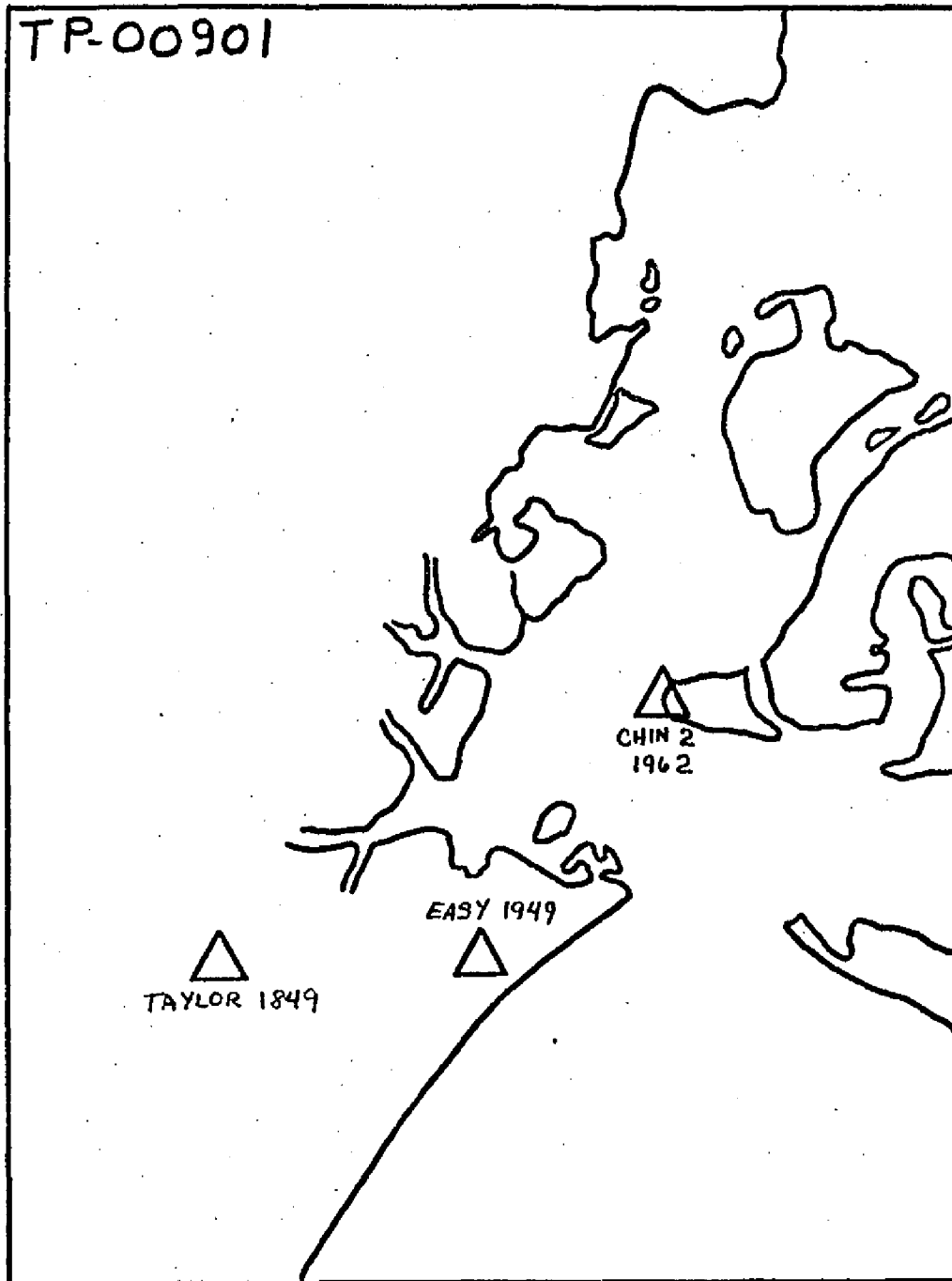


John D. Perrow, Jr.  
Chief, Aerotriangulation Section

# AEROTRIANGULATION SKETCH

## CHINCOTEAGUE, VIRGINIA

CM-7505

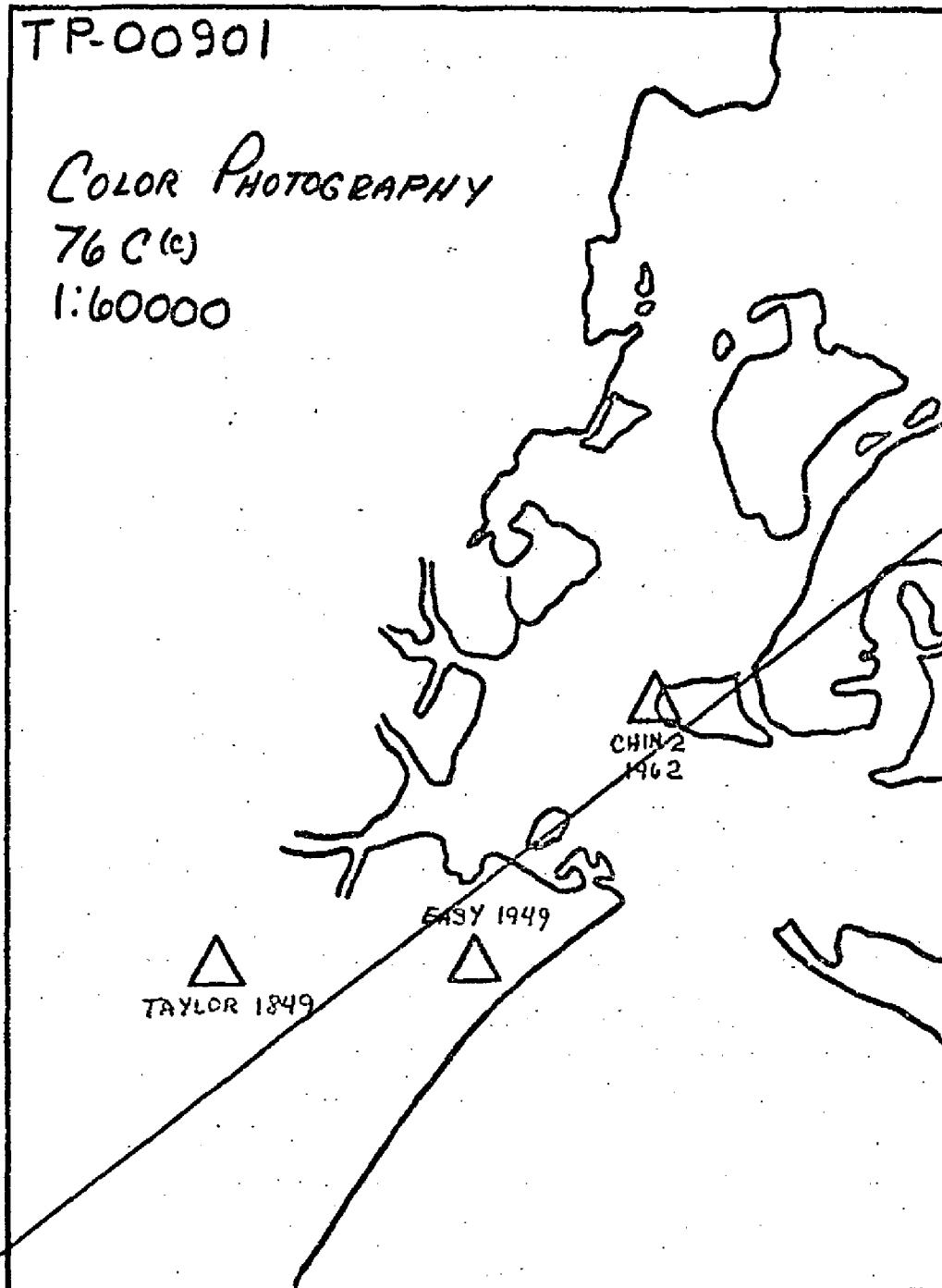


△ BARNES 1909

# AEROTRIANGULATION SKETCH

## CHINCOTEAGUE, VIRGINIA

CM-7505



BLAKE  
m FSC  
1933

4112

CHIN 2  
1962

EASY 1949

TAYLOR 1849

BARNES 1909

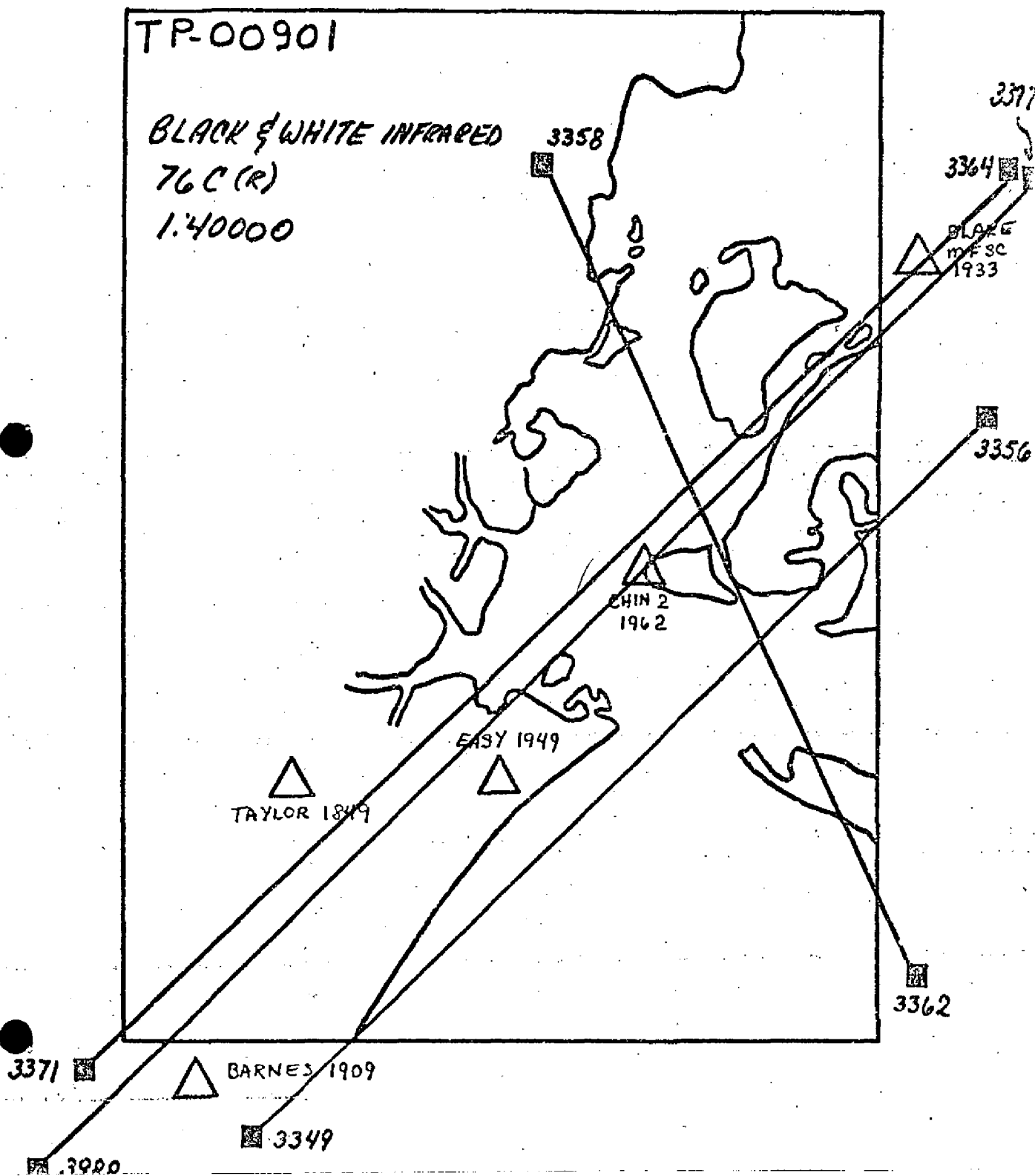
4106

# AEROTRIANGULATION SKETCH

12

## CHINCOTEAGUE, VIRGINIA

CM-7505



# LIST OF ACCURACY OF CONTROLS USED IN THE STRIP ADJUSTMENT FOR CM 7505

## OCEAN CITY, MARYLAND

	X error (ft)	Y error (ft)
115101 (SOUTH 4 1962 RM #4)	+ .005	- .434
116100 (BUFFING M.F.S.C. 1908)	+1.535	+ .746
117101 (OCEAN CITY SOUTH MUNI W.T. 1955)	- .202	- 1.328
117110 (OCEAN CITY C.B. TOWER 146 1962)	- 1.937	+ 1.036
118101 (OCEAN CITY CENTER MUNI W.T. 1955)	- 38.565	+ 7.551
119110 (OCEAN CITY NORTH MUNI W.T. 1962)	+ 1.624	- 1.044
119100 (REEDY 2, 1958 PANEL #10)	- 1.025	+ 1.064

## CHINCOTEAGUE, VIRGINIA

	X error (ft)	Y error (ft)
107100 (BARNES, 1909)	+ .152	+ .476
108101 (TAYLOR, 1849)	- .628	- .423
109101 (EASY, 1949)	+ .150	- 1.078
111101 (CHIN 2, 1962)	+ .954	+ .386
110101 (BLAKE RM #1 1934)	- .118	- .317

## Addendum

Chincoteague, Virginia

CM-7505

The compilation office experienced problems in clearing parallax on the 1:60,000 scale, 1976 photography. It is believed there was a partial vacuum failure in the camera system.

The strip of 1:60,000 scale photography was re flown in 1978 with a borrowed RC-10 camera (lens #2055). The targets were transferred to the photography with the P.U.G. This photography was bridged and will be used for compilation.

Steve Solbeck  
Cartographer  
8/21/78

Don Norman  
Acting Chief,  
Aerotriangulation Section

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	SOURCE OF INFORMATION (index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		REMARKS
				STATE	ZONE	$\phi$ LATITUDE	$\lambda$ LONGITUDE	
TP-00901		CM-7505		N.A. 1927		COASTAL MAPPING DIV. A.M.C.		
	EASY, WALLOPS BEACH COAST GUARD 3 NEW TOWER, 1949	370751 Page 1019	109100 831100	X= Y= X= Y=		$\phi$ 37 52' 34.53406" $\lambda$ 75 26' 38.65163"	1064.7 / 944.6 / 521.8	785.2
	TAYLOR, 1849	370751 1057	108100 830100	X= Y=		$\phi$ 37 52' 34.888" $\lambda$ 75 29' 47.633"	1075.6 / 1164.2 /	774.3 302.2
	CHIN 2, 1962	" 1016	111100 832100	X= Y=		$\phi$ 37 53' 51.97925" $\lambda$ 75 25' 05.77051"	1602.6 / 141.0 /	247.3 1325.0
	CHESTER, 1902	370751 1012	33	X= Y=		$\phi$ 37 56' 58.98013" $\lambda$ 75 26' 27.16736"	1818.4 / 663.3 /	31.5 801.6
	QUEE, 1959	" 1046	32	X= Y=		$\phi$ 37 56' 07.01534" $\lambda$ 75 25' 15.58714"	216.3 / 380.6 /	1633.6 1084.6
	FAR (V.F.C.), 1933	" 1025	31	X= Y=		$\phi$ 37 56' 45.17839" $\lambda$ 75 24' 02.59082"	1392.9 / 63.3 /	457.0 1401.8
	ROAD (V.F.C.), 1933	" 1048	30	X= Y=		$\phi$ 37 56' 17.38664" $\lambda$ 75 23' 38.85495"	536.0 / 948.8 /	1313.9 516.3
	CHINCOTEAGUE WATER TANK, 1933	" 1076	41	X= Y=		$\phi$ 37 55' 58.03802" $\lambda$ 75 22' 40.30 669"	1789.4 / 984.3 /	60.5 480.9
COMPUTED BY	A.C. RAUCK, JR.		DATE	COMPUTATION CHECKED BY				
LISTED BY	"		DATE	LOWELL O. NETER, JR.				
HAND PLOTTING BY	"		DATE	LISTING CHECKED BY				
	"		DATE	HAND PLOTTING CHECKED BY				





DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY	REMARKS
					STATE	ZONE	$\phi$ LATITUDE	$\lambda$ LONGITUDE		
TP-00901	CM-7505				N. A. 1927			Coastal Mapping Div. A.M.C.		
	370751 Page 1079	WALLOPS ISLAND NASA MAST, 1962			X=		$\phi$ 37 50'15.71852" /		484.6' 1365.3'	
	" 1080 / 67	WALLOPS ISLAND NASA RADAR TOWER, 1962		830141 / 67	Y=		$\lambda$ 75 29'06.96833" /		170.4' 1296.7'	
	" 1042 /	NACA NO. 2, 1951			X=		$\phi$ 37 50'07.470" /		230.3' 1619.6'	
	370754 / 1003 /	ARBuckle, 1949		52	Y=		$\lambda$ 75 29'09.587" /		234.4' 1232.8'	
	370751 / 1075 /	CHINCOTEAGUE NAVAL AIRBASE AIRWAY BEACON, 1949			X=		$\phi$ 37 51'57.71789" /		1779.5' 70.4'	
	" 1077 /	WALLOPS STATION CONTROL TOWER, 1975			Y=		$\lambda$ 75 30'44.53413" /		1088.5' 378.1'	
	" 1081 /	WALLOPS STATION NASA WATER TANK, 1949			X=		$\phi$ 37 56'43.359" /		1336.8' 513.1'	
	" 1040 /	NACA NO. 3, 1963		830141 / 65	Y=		$\lambda$ 75 27'47.318" /		1155.4' 309.6'	
	" 1039 / 69	NACA NO. 4, 1951		000053 / 69	X=		$\phi$ 37 56'27.19777" /		838.5' 1011.4'	
					Y=		$\lambda$ 75 28'00.09372" /		02.3' 1462.8'	
					X=		$\phi$ 37 56'20.777" /		640.6' 1209.3'	
					Y=		$\lambda$ 75 28'26.836" /		655.3' 809.8'	
					X=		$\phi$ 37 50'16.984" /		523.6' 1326.3'	
					Y=		$\lambda$ 75 28'59.307" /		1450.2' 16.9'	
					X=		$\phi$ 37 50'25.203" /		777.0' 1072.9'	
					Y=		$\lambda$ 75 28'49.517" /		1210.7' 259.3'	
					X=		$\phi$			
					Y=		$\lambda$			
COMPUTED BY				DATE	COMPUTATION CHECKED BY				DATE	
A. C. RAUCK, JR.				8/23/76	LOWELL O. NETTERER, JR.				AUG. 27, 1976	
LISTED BY				DATE	LISTING CHECKED BY				DATE	
A. C. RAUCK, JR.				8/19/76	LOWELL O. NETTERER, JR.				AUG. 27, 1976	
HAND PLOTTING BY				DATE	HAND PLOTTING CHECKED BY				DATE	

## COMPILATION REPORT

TP-00901

31. DELINEATION

This map was compiled on the Wild B-8 stereoplotter using 1:60,000 scale panchromatic photography taken in 1978.

32. CONTROL

Refer to the Photogrammetric Plot Report bound with this Descriptive Report.

The identification, density, and placement of horizontal and vertical control was adequate.

33. SUPPLEMENTAL DATA - None34. CONTOURS AND DRAINAGE

All drainage is from office interpretation of the compilation photography.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline (mean high water line) was compiled by office interpretation of the compilation photography. No mean low water is depicted on this map.

Alongshore and foreshore features were delineated by office interpretation of the same photography.

There was no preliminary field inspection of the shoreline.

36. OFFSHORE DETAIL

No unusual problems were encountered in compiling details offshore.

37. LANDMARKS AND AIDS

Refer to the 76-40 listing bound with this Descriptive Report for those charted landmarks identifiable on the compilation photography. No fixed aids to navigation fall within the limits of this map.

38. CONTROL FOR FUTURE SURVEYS - None39. JUNCTIONS

Refer to Form 76-36B, Item 5, of the Descriptive Report.

40. HORIZONTAL AND VERTICAL ACCURACY:

Refer to the Photogrammetric Report, dated; Aug. 1976 and its attachment concerning horizontal accuracy.

46. COMPARISON WITH EXISTING MAPS:

A comparison was made with the following U.S. geological Survey Quadrangles:

Chincoteague West, Va. scale 1:24,000, dated 1965  
Wallops Island, Va. scale 1:24,000, dated 1965.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following National Ocean Survey charts:

No. 12210, scale 1:80,000, dated Mar. 6, 1976, 21st edition and  
No. 12211, scale 1:80,000, dated Feb. 14, 1976, 23rd edition.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

*David P. Butler*  
Cartographic Technician  
Date: Mar. 28, 1979

Approved:

*Joni Byrd*  
*for*

Albert C. Rauck, Jr.  
Chief, Coastal Mapping Section

ADDENDUM TO THE COMPILATION REPORT

TP-00901

FIELD EDIT Canceled October 28, 1980.

PHOTOGRAMMETRIC OFFICE PRE-HYDRO AND FIELD EDIT REVIEW

21

TP- 00901

1. PROJECTION AND GRIDS FPM	2. TITLE FPM	5. HORIZONTAL CONTROL FPM	11. DETAIL POINTS AND PASS POINTS FPM
12. SHORELINE FPM	13. LOW-WATER LINE FPM	14. ROCKS, SHOALS, ETC. FPM	20. WATER FEATURES FPM
15. BRIDGES FPM	16. AIDS TO NAVIGATION FPM	17. LANDMARKS FPM	18. and 26. ALONGSHORE AND OTHER PHYSICAL FEATURES FPM
19. and 30. ALONGSHORE AND OTHER CULTURAL FEATURES FPM	PROCESSED RATIOS FPM	27. ROADS FPM	28. BUILDINGS FPM
29. RAILROADS FPM	23. and 25. CONTOURS AND SPOT ELEVATIONS NA	33. GEOGRAPHIC NAMES FPM	34. JUNCTIONS FPM
35. LEGIBILITY OF THE MANUSCRIPT FPM	36. FIELD EDIT OZALID	10. PHOTOGRAMMETRIC PLOT REPORT FPM	37. COMPILATION REPORT FPM
40. REVIEWER F. MARGIOTTA      APRIL 1979		SUPERVISOR ALBERT C. RAUCK, JR.      APRIL 1979	

41. REMARKS

PHOTOGRAMMETRIC OFFICE POST-HYDRO AND FIELD EDIT REVIEW

3. MANUSCRIPT NUMBERS	FORMAT STICK-UP	4. MANUSCRIPT SIZE	5. HORIZONTAL CONTROL
7. PHOTO HYDRO STATIONS	9. PLOTTING OF SEXTANT FIXES	12. SHORELINE	13. LOW-WATER LINE
14. ROCKS, SHOALS, ETC.	15. BRIDGES	16. AIDS TO NAVIGATION	17. LANDMARKS
18. PHYSICAL FEATURES	19. CULTURAL FEATURES	20. WATER FEATURES	PIPELINES, CABLES, ETC.
24. and 25. CONTOURS AND SPOT ELEVATIONS	27. ROADS	28. BUILDINGS	29. RAILROADS
33. GEOGRAPHIC NAMES	34. JUNCTIONS	38. FIELD EDIT PHOTOGRAPHS	36. FIELD EDIT OZALID
37. FIELD EDIT REPORT	GEOGRAPHIC FIX POSITIONS	39. FIELD FORMS	APPROVED TIDES

COMPILER	DATE	40. REVIEWER	DATE	SUPERVISOR
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43. REMARKS

## REVIEW REPORT TP-00901

## SHORELINE

June 1981

61. GENERAL STATEMENT:

See Summary, included in this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with prior photo survey No. T-5201 scale 1:10,000, Dec. 1933. Major shoreline erosion and deposition has occurred.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

N.A.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

None.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 12210, 23rd edition, Mar. 18/78, scale 1:80,000 (see Inset 1:20,000) and Chart 12211, 25th ed., Jan. 7/78 scale 1:80,000. Chincoteague Pt. is shaded improperly on both charts at 1:80,000. The inset on Chart 12210 shows this area properly.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with Project instructions, and meets the requirements for Bureau Standards and National Standards of Map Accuracy.

Submitted by:

*Joni Byrd*

Final Reviewer

Approved for forwarding:

*Bill H. Ban*

Chief, Photogrammetric Branch, AMC

Approved:

*George W. Pace*

Chief, Photogrammetric Branch, Rockville

*Walter H. ...*

Chief, Photogrammetry Division



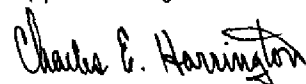
12/16/80

GEOGRAPHIC NAMES  
 FINAL NAME SHEET  
 CM 7505 (Chincoteague Inlet, Va.)

TP-00901

Andrews Landing Gut	Kendall Narrows
Arbuckle Creek	Little Cat Creek
Arbuckle Neck	Little Old Root Narrows
Assateague Channel	Little Simoneaston Creek
Assateague Island	Lower Simoneaston Thorofare
Assateague Point	Middle Mouth
Assawoman Creek	Mosquito Creek
Atlantic Ocean	Mosquito Point
Ballast Narrows	Mud Bay
Ballast Tump	Mud Bay Gut
Big Simoneaston Creek	New Virginia Cove
Black Duck Marsh	Old Root Narrows
Black Narrows	Oyster Bay
Black Narrows Marsh	Powells Bay
Black Point	Queen Sound Channel
Black Point Drain	Shelly Bay
Black Point Landing	Shelly Bay Marsh
Bogues Bay	Shoaling Point
Cat Creek	Simoneaston Bay
Cedar Creek	Sloop Gut
Chincoteague	Squirrel Creek
Chincoteague Bay	Taylor's Narrows
Chincoteague Channel	The Canal
Chincoteague Inlet	The Four Mouths
Chincoteague Island	Toms Cove
Chincoteague Point	Upper Simoneaston Thorofare
Cockle Creek	Walker Marsh
Cow Gut	Walker Point
Cow Gut Flat	Wallops Beach
Doghead Flat	Wallops Island
Egg Marsh	Wallops Neck
Far Mouth	Watts Bay
Fishing Point	Willis Creek
Fowling Gut	Willis Marsh
Gunboat Point	Willis Point
Hammock Point	Wire Narrows
Hog Creek	Wire Narrows Marsh
Horse Marsh	Wishart
Island Hole Narrows	Wishart Point
Jennys Gut	Womans Bay

Approved by:



Charles E. Harrington  
 Chief Geographer, C3x5

NOAA FORM 76-40  
(8-74)

Replaces C&GS Form 567.

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
**NONFLOATING AIDS OR LANDMARKS FOR CHARTS**

**ORIGINATING ACTIVITY**  
 HYDROGRAPHIC PARTY  
 GEODETIC PARTY  
 PHOTO FIELD PARTY  
 COMPILATION ACTIVITY  
 FINAL REVIEWER  
 QUALITY CONTROL & REVIEW GRP.  
 COAST PILOT BRANCH  
*(See reverse for responsible personnel)*

**REPORTING UNIT**  
 TO BE CHARTED  
 TO BE REVISED  
 TO BE DELETED  
 (Field Party, Ship or Office)  
 Coastal Mapping Div.  
 A.M.C. Norfolk, VA  
 Virginia

**LOCALITY**  
 Ocean City and Chincoteague Inlets

**DATE**  
 3/28/79

**OPR PROJECT NO.** 516  
**JOB NUMBER** CM-7505  
**SURVEY NUMBER** TP-00901  
**DATUM** N.A. 1927

**DESCRIPTION**  
*(Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.)*  
 37° 55.14' 76° 23' 04.4"  
 (Wallops Island, New NASA Tank, 1975)

**POSITION**  
 LATITUDE LONGITUDE  
 D.M. Meters D.P. Meters  
 37-55 13.95 75-23 04.71  
 37-50 32.204 75-28 48.887  
 37-50 992.9 75-28 1195.3  
 37-50 15.758 75-29 06.932  
 37-50 06.13 10.96  
 37-50 189 75-29 268

**CHARTING NAME**  
 TV TOWER  
 TANK  
 TOWER  
 TOWER

**METHOD AND DATE OF LOCATION**  
 (See instructions on reverse side)  
 OFFICE FIELD  
 78 Y (P) 3833 12210  
 April 29, 1978 12211  
 78 Y (P) 3830  
 April 29, 1978 12210  
 " " " " 12210  
 " " " " 12210

**CHARTS AFFECTED**  
 12210  
 12211  
 12210  
 12210  
 12210

**CHARTING NAME**  
 TV TOWER  
 TANK  
 TOWER  
 TOWER

**DESCRIPTION**  
 Dropped points scaled by: D. Butler  
 March 19, 1979. Dropped points checked  
 by: L. Williams March 19, 1979  
 A3 1596/69

**CHARTING NAME**  
 TV TOWER  
 TANK  
 TOWER  
 TOWER

**DESCRIPTION**  
 Dropped points scaled by: D. Butler  
 March 19, 1979. Dropped points checked  
 by: L. Williams March 19, 1979  
 A3 1596/69

**CHARTING NAME**  
 TV TOWER  
 TANK  
 TOWER  
 TOWER

**CHARTS AFFECTED**  
 12210  
 12211  
 12210  
 12210  
 12210

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	<input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	<input type="checkbox"/> OFFICE ACTIVITY REPRESENTATIVE <input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64.)	
<b>OFFICE</b> <b>I. OFFICE IDENTIFIED AND LOCATED OBJECTS</b> Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	<b>FIELD (Cont'd)</b> <b>B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object.</b> EXAMPLE: P-8-V 8-12-75 74L(C)2982
<b>FIELD</b> <b>I. NEW POSITION DETERMINED OR VERIFIED</b> Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection P - Photogrammetric Vis - Visually 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	<b>II. TRIANGULATION STATION RECOVERED</b> When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75 <b>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 <b>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</b>
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

