

11907

Diag. Cht. No. 4116.

FORM C&GS-504

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

DESCRIPTIVE REPORT

Type of Survey Shoreline (Photogrammetric)

Field No. Ph-6012 Office No. T-11907

LOCALITY

State Hawaii

General locality Maui Island

Locality Honomanu Bay

19 60-63

CHIEF OF PARTY

H.J. Seaborg, Honolulu Dist. Office
W.E. Randall, Balto. Dist. Office

LIBRARY & ARCHIVES

DATE

USCOMM-DC 37022-P66

11907

DESCRIPTIVE REPORT - DATA RECORD

T-11907

PROJECT NO. (II): PH 6012 (21034)		
FIELD OFFICE (III): Honolulu, Hawaii		CHIEF OF PARTY H. J. Seaborg
PHOTOGRAMMETRIC OFFICE (III): Baltimore, Maryland		OFFICER-IN-CHARGE W. E. Randall
INSTRUCTIONS DATED (II) (III): 14 November 1960 28 November 1960 13 June 1961 16 January 1962		
METHOD OF COMPILATION (III): Kelsh Plotter		
MANUSCRIPT SCALE (III): 1:5,000		STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): 1:5,000
DATE RECEIVED IN WASHINGTON OFFICE (IV):		DATE REPORTED TO NAUTICAL CHART BRANCH (IV):
APPLIED TO CHART NO.	DATE:	DATE REGISTERED (IV):
GEOGRAPHIC DATUM (III): Old Hawaiian		VERTICAL DATUM (III): MSL MEAN SEA LEVEL EXCEPT AS FOLLOWS: <i>Elevations shown as (25) refer to mean high water</i> <i>Elevations shown as (5) refer to sounding datum</i> <i>i.e., mean low water or mean lower low water</i>
REFERENCE STATION (III): OKOHOLA (HGS) (HTS 1929), 1877		
LAT.: 20° 51' 58.985"	LONG.: 156° 10' 38.982"	☒ ADJUSTED ☐ UNADJUSTED
PLANE COORDINATES (IV): Y = 193,856.55 X = 667,007.74		STATE Hawaii
		ZONE 2
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 (III):		DATE:
J. C. Lajoie		Feb. 1962
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):		
Mean high water-line located by Kelsh Plotter from field inspection on 1960 photography, supplemented by 1961 panchromatic and 1960 color photography.		
PROJECTION AND GRIDS RULED BY (IV):		DATE
R.A.C.		11-23-60
PROJECTION AND GRIDS CHECKED BY (IV):		DATE
J.D.C.		12-6-60
CONTROL PLOTTED BY (III):		DATE
D. M. Brant		3-28-62
CONTROL CHECKED BY (III):		DATE
H. P. Eichert		3-28-62
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):		DATE
Aerotriangulation-Washington Office		1961
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY	DATE
	E. L. Williams	4-62
E. L. Williams	CONTOURS	DATE
	Inapplicable	
MANUSCRIPT DELINEATED BY (III):		DATE
E. L. Williams		5-62
SCRIBING BY (III):		DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III):		DATE
D. M. Brant		5-62
REMARKS:		
FIELD EDIT USC & GSS PATH FINDER 1963		
NOTE: Map Legend date - July 1962 (Refer to page 14 of this report)		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

"W" Camera

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60 W 2511	9 Oct. 1960	0955	1:25,000	1.4 Ft. above MLLW
61 W 838 thru 840	24 Sept. 1961	0905	1:15,000	0.2 Ft. " "
60 W(C) 3118 thru 3121	19 Oct. 1960	0754	1:10,000	0.3 Ft. " "
Tides computed from Tables of Predicted Tides.				

TIDE (III)

Diurnal

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Honolulu, Hawaii		1.2	1.9
SUBORDINATE STATION: Hana, Hawaii		1.8	2.5
SUBORDINATE STATION:			

FINAL
WASHINGTON OFFICE REVIEW BY (IV): Leo F. Beugnet, Norfolk Regional Office

DATE: Nov. 1965

PROOF EDIT BY (IV):

DATE: Dec. 1965

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 1	RECOVERED: 1	IDENTIFIED: 0
NUMBER OF BM(S) SEARCHED FOR (II): 0	RECOVERED: 0	IDENTIFIED: 0
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):	0	
NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):	2	

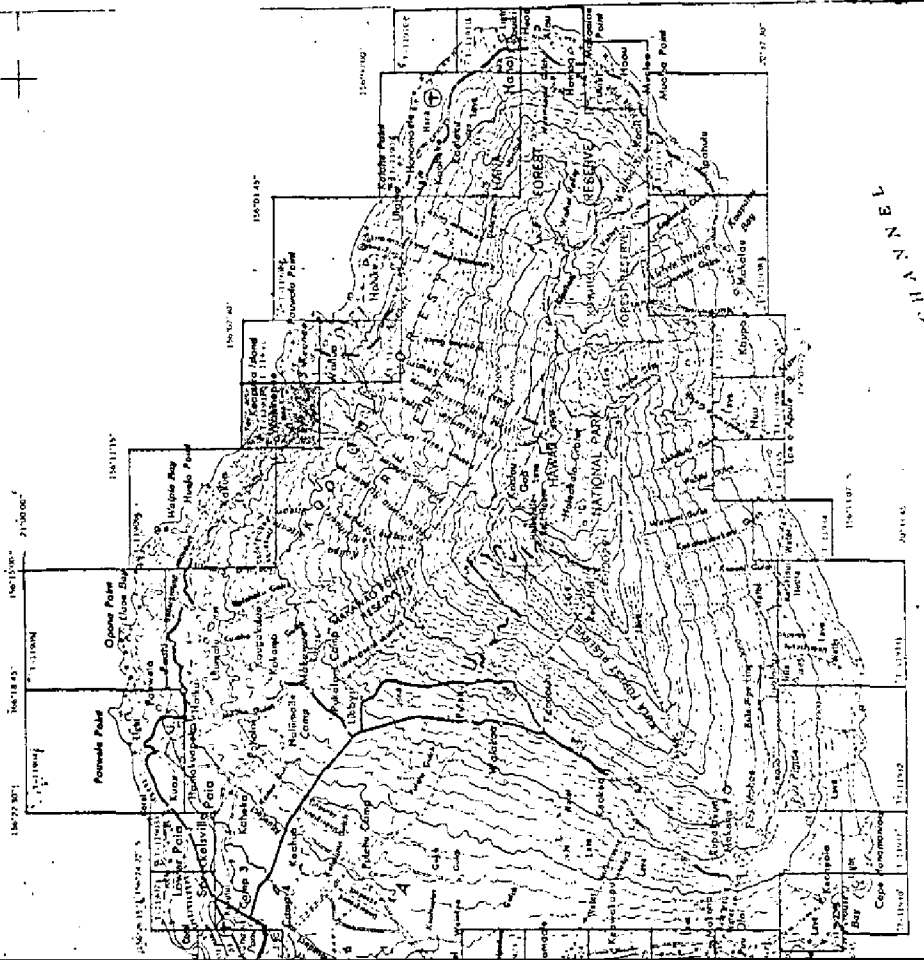
REMARKS:

COMPILATION RECORD	COMPLETION DATE	REMARKS
Alongshore area for hydro	April 1962	superseded
Final Compilation	June 1964	

Planimetric Mapping 1:5,000 & 1:10,000 Scales

Hawaii

MAUI ISLAND



AREA MILEAGE FOR COST ACCOUNTS				CHANNEL				OFFICIAL MILEAGE FOR COST ACCOUNTS			
Shoreline (Miles)	Area (Sq. Miles)	Sheet No.	Shoreline (Miles)	Area (Sq. Miles)	Sheet No.	Shoreline (Miles)	Area (Sq. Miles)	Shoreline (Miles)	Area (Sq. Miles)	Sheet No.	Shoreline (Miles)
3	3	T-11931	1.5	1.5	T-11931	1.5	1.5	1.5	1.5	T-11931	1.5
2	2.5	T-11932	1.5	1.5	T-11932	1.5	1.5	1.5	1.5	T-11932	1.5
2.5	2.5	T-11933	1.5	1.5	T-11933	1.5	1.5	1.5	1.5	T-11933	1.5
2.5	2.5	T-11934	1.5	1.5	T-11934	1.5	1.5	1.5	1.5	T-11934	1.5
1	1	T-11935	1.5	1.5	T-11935	1.5	1.5	1.5	1.5	T-11935	1.5
1	1	T-11936	1.5	1.5	T-11936	1.5	1.5	1.5	1.5	T-11936	1.5
3	3	T-11937	1.5	1.5	T-11937	1.5	1.5	1.5	1.5	T-11937	1.5
4.5	4.5	T-11938	1.5	1.5	T-11938	1.5	1.5	1.5	1.5	T-11938	1.5
1.5	1.5	T-11939	1.5	1.5	T-11939	1.5	1.5	1.5	1.5	T-11939	1.5
1.5	1.5	T-11940	1.5	1.5	T-11940	1.5	1.5	1.5	1.5	T-11940	1.5

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-11907

Shoreline manuscript T-11907 is one of forty-nine similar maps in this project, and covers a part of the coastline of Maui Island, Hawaii. This was a Kelsh project in advance of hydrographic surveys in the area. Field operations preceding compilation included recovery and identification of horizontal control and field inspection. Kelsh compilation was at 1:5,000 scale from 1:25,000 scale photography taken October 15, 1964. A cronaflex copy showing pass points, shoreline and alongshore features was furnished for preparation of the boat sheet and hydro support purposes. The compilation manuscript is a vinylite sheet $2\frac{1}{2}$ minutes in latitude by 1 minute 42.5 seconds in longitude from which the smooth sheet was drafted and reproduced. One cronar positive and one cronar negative are provided for record and registry.

FIELD INSPECTION REPORT
T-11907

Please refer to the Field Inspection Report bound with T-11896.

1 FT. = 3048006 METER	J.C.R.	10 July 1962	Brant	13 July 1962	COMM-DC-57843
COMPUTED BY:		DATE	CHECKED BY:	DATE	

PHOTOGRAMMETRIC PLOT REPORT
ISLAND OF MAUI (EAST HALF)
HAWAII

Project PH-6212
February 1962

21. AREA COVERED

T-11905 through T-11911; T-11929 through T-11939;
T-11989 through T-11992

22. METHOD

Six stereoplanigraph bridges, designated as strips #8 through #13, were run in order to provide pass points for use in Kelsh compilation of the project. Additional points along the shoreline were provided, for possible use in conjunction with hydrographic surveys in the area.

This project covers the entire eastern half of the island of Maui, and adjoins a similar project of March 1961, which covers the western half of the island. On that earlier phase, the numbers assigned to the stereoplanigraph bridges were #1 through #7.

Strip #13 was adjusted on a linear basis. All other strips in this project (eastern half of the island) were adjusted by a least-squares solution on the IBM 650 computer. Numerous ties between strips were used as checks on adjustments. A pass point from strip #9 was used in the adjustment of strip #11. Where strip #11 duplicates the coverage of strip #9, the former should be used in compilation.

Satisfactory ties with the project of March 1961, were made on both the north and the south coasts. Also, satisfactory adjustments were obtained for all strips in this part of the Maui Island project.

23. ADEQUACY OF CONTROL

The horizontal control provided complied with project instructions, and was adequate. The following control failed to hold in bridging: Δ PUHILELE, 1950-SUB. A; Δ MAKAAALAE, 1950-SUB. B; Δ PUUHINAI 2, 1950-SUB PTS. 1, 2, and 3. They are to be disregarded in compilation. The problem with

- 2 -

PUHILELE-SUB A is entirely one of interpretation. In strip #8, two different possible positions for the point were read, one of which held in bridging, and the other failed to hold. In strip #9, the single position read for the point failed to hold. The number and geographical location of other control in this area is such that this station may be disregarded.

No specific cause has been found for the failure of MAKAAALAE-SUB B to hold. Its companion sub. pt. held, and therefore, SUB B may be disregarded.

The sub. pts. of PUUHINAI 2 had a questionable starting azimuth due to the lack of agreement among several solar azimuth observations. The sub. points did not hold in the adjustment.

24. SUPPLEMENTAL DATA

None

25. PHOTOGRAPHY

The photography used in bridging was adequate in all respects.

Submitted by

Robert E. Fuechsel
Robert E. Fuechsel

Approved

Everett H. Ramey
Everett H. Ramey, Chief
Aerotriangulation Section

COMPILATION REPORT T-11907

For additional data pertaining to this survey please refer to the Field Inspection Report for Maui Island bound with T-11896 and the Photogrammetric Plot Report bound with this report.

Items 31 thru 36

Please refer to the Compilation Report Bound with T-11896

37. LANDMARKS AND AIDS

There are no landmarks, aids to navigation or aeronautical aids within the compilation limits of this survey.

38. CONTROL FOR FUTURE SURVEYS

No control for future surveys was established.

39. JUNCTIONS

Satisfactory junctions were made with T-11906 on the west and with T-11991 and T-11992 on the east. There is no contemporary on the south; the Pacific Ocean is on the north.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with U.S.G.S. Keanae, Hawaii quadrangle, 1:24,000 scale, edition of 1957.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with nautical chart 4116, 1:250,000 scale, 12th edition, August 17, 1964.

ITEMS TO BE APPLIED TO CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Approved:

J. Bull

Capt. C&GS

Norfolk Regional Officer

Respectfully submitted:

For : Joseph Steinberg
Donald M. Brant
Carto. (Photo.)

FINAL NAME SHEET
PERMANENT FILE COPY
SECTION TO GEOGRAPHIC NAMES SECTION

48. Geographic Names List:

The Geographic names listed below were furnished by the Washington Office on U.S.G.S. Keanae, Hawaii, 7½ minute quadrangle, 1:24,000 scale, edition of 1957.

Honomanu Bay
Honomanu Stream
Kalaloe Point
Kapapa Point
Keopuka Rock
Kolea Stream
Moiki Point
Nuasailua Bay
Nuasailua Stream
Punalau Stream
Puu Okohola
Wahinepee Stream
Waikamoi Stream
Pacific Ocean

ALL NAMES APPROVED BY
GEOGRAPHIC NAMES SECTION
UNLESS OTHERWISE MARKED.

R. J. Wraight

Chief, Geographic Branch

Ph-6012
Maui Island, Hawaii
Surveys T-11907 thru T-11909

49. NOTES FOR THE HYDROGRAPHER

A set of ratio prints has been prepared for use during photo-hydro support. Photography was taken in 1960 and 1961. Color photography, where available, was used as an aid in interpreting offshore details and foul lines.

The positions of the following hydrographic signal sites have been established photogrammetrically for the following surveys.

<u>Signal No.</u>	<u>Description</u>	<u>Photo. No.</u>
T-11907		
0701	High point at offshore end of rock	2511
0702	Lone coconut tree	2511

Additional signals in this area will have to be selected from a launch as the shoreline is along high bluffs.

T-11908		
0801	Rag on lauhala tree	2956
0802	Offshore corner of concrete slab	2954
0803	Offshore of two lauhala trees	2954

T-11909		
0901	Flag at point of brush	2960
0902	Flag at end of fence	2960
0903	Flag on lone rock	2960
0904	Flag on pinnacle rock	2959
0905	Rag on dead lauhala tree	2958
0906	Rag on lauhala tree	2958
0907	North gable of house	2958
0908	Point of offshore rock	2957
0909	Flag on point	2957
0910	Flag on rock point	2957

FORM 182
(9-61)

PHOTOGRAMMETRIC OFFICE REVIEW

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

T. 11907

50

1. PROJECTION AND GRIDS <i>LFB</i>		2. TITLE <i>LFB</i>		3. MANUSCRIPT NUMBERS <i>LFB</i>		4. MANUSCRIPT SIZE <i>LFB</i>		
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY <i>LFB</i>			6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) <i>None</i>				
	7. PHOTO HYDRO STATIONS <i>None</i>		8. BENCH MARKS <i>None</i>		9. PLOTTING OF SEXTANT FIXES <i>None</i>		10. PHOTOGRAMMETRIC PLOT REPORT <i>LFB</i>	
	11. DETAIL POINTS <i>LFB</i>							
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE <i>LFB</i>		13. LOW-WATER LINE <i>LFB</i>		14. ROCKS, SHOALS, ETC. <i>LFB</i>		15. BRIDGES <i>None</i>	
	16. AIDS TO NAVIGATION <i>None</i>		17. LANDMARKS <i>None</i>		18. OTHER ALONGSHORE PHYSICAL FEATURES <i>LFB</i>			
	19. OTHER ALONGSHORE CULTURAL FEATURES <i>LFB</i>							
PHYSICAL FEATURES	20. WATER FEATURES <i>LFB</i>			21. NATURAL GROUND COVER <i>LFB</i>				
	22. PLANETABLE CONTOURS <i>None</i>			23. STEREOSCOPIC INSTRUMENT CONTOURS <i>None</i>				
	24. CONTOURS IN GENERAL <i>None</i>			25. SPOT ELEVATIONS <i>None</i>				
	26. OTHER PHYSICAL FEATURES <i>LFB</i>							
CULTURAL FEATURES	27. ROADS <i>LFB</i>		28. BUILDINGS <i>LFB</i>		29. RAILROADS <i>None</i>			
	30. OTHER CULTURAL FEATURES <i>LFB</i>							
BOUNDARIES	31. BOUNDARY LINES <i>None</i>			32. PUBLIC LAND LINES <i>None</i>				
MISCELLANEOUS	33. GEOGRAPHIC NAMES <i>LFB</i>				34. JUNCTIONS <i>LFB</i>			
	35. LEGIBILITY OF THE MANUSCRIPT <i>LFB</i>		36. DISCREPANCY OVERLAY <i>LFB</i>		37. DESCRIPTIVE REPORT <i>LFB</i>			
	38. FIELD INSPECTION PHOTOGRAPHS <i>LFB</i>			39. FORMS <i>LFB</i>				
	SIGNATURE OF REVIEWER <i>Leo F. Beugnot</i>			SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>Joseph Steinberg</i>				
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT - Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.								
SIGNATURE OF COMPILER <i>Leo F. Beugnot for EL Williams</i>				SIGNATURE OF SUPERVISOR <i>Joseph Steinberg</i>				

USE REVERSE SIDE FOR REMARKS

SCOMM-DC 26353-P61

111.

FIELD EDIT REPORT

No formal field edit report was received for this manuscript.
Please refer to the two following memorandums concerning Field Edit
of this sheet. Refer to "Notes to Verifier" - page 19 of this report.

The two following memorandums indicate ~~1963~~ as
the date of field edit - Map Legend date is July 1962.
Rocks, ledges and foul lines only comprised edit information.

Memorandum

15
24

DATE: 8 July 1963

The Director
Coast and Geodetic Survey
U.S. Department of Commerce
Washington 25, D.C.

Commanding Officer
USCGC Pathfinder
705 Federal Office Building
Seattle, Washington

SUBJECT: Field Edit Report - CPR-419

During the first half of the 1963 field season, Pathfinder personnel field edited the manuscripts listed below for accuracy and completeness. All recommended changes have been noted on the blackline impressions in red and green ink. In general, the manuscripts were found to be very reliable with only minor discrepancies being noted.

Four manuscripts with noted changes are being forwarded to the Washington Office on July 9. Those manuscripts with no recommended changes have been noted below. The remaining manuscripts will be forwarded as soon as we have had an opportunity to compare them with the boat sheets now in Washington for photographing.

T-11905	Edited - No changes	
T-11906	Edited - Will be forwarded later	
T-11907	Edited - Will be forwarded later	(Discrepancy Print forwarded)
T-11908	Edited - Will be forwarded later	
T-11909	Edited - Will be forwarded later	
T-11910	Edited - Will be forwarded later	
T-11911	Edited - Will be forwarded later	
T-11930	Forwarded 9 July	
T-11931	Edited - No recommended changes	
T-11932	Edited - No recommended changes	
T-11933	Edited - No recommended changes	
T-11935	Forwarded 9 July	
T-11936	Forwarded 9 July	
T-11937	Forwarded 9 July	
T-11991	Edited - Will be forwarded later	
T-11992	Edited - Will be forwarded later	

It is requested that these manuscripts be returned to the Ship as soon as is practical as they will be needed for smooth plotting.

H. J. Seaborg
Captain, USCGC

UNITED STATES GOVERNMENT

Memorandum

16.
U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

[Signature]
C 6314

TO : Chief, Photogrammetry Division

DATE: January 24, 1964.

C 631/w

FROM : Commanding Officer
USC&GS PATHFINDER
705 Federal Office Bldg.
Seattle 4, Washington 98104

SUBJECT: Field Edit data, Project 2103⁴ (Ph-6012), Maui Island,
Hawaii

Manuscripts T-II907 and T-II99I were corrected and sent 1/9/64 with transmittal letter PATH I-64. Manuscripts T-II906, T-II908 through T-II911 and T-II992 are being sent. Shoreline revision was necessary on T-II909 and T-II908 only.

Replying to 6314/ih

[Signature]
for *[Signature]*
H. J. Seaborg Capt. USC&GS
Ship PATHFINDER
Seattle, Washington

Joe

YOU WILL NOT RECEIVE ANY INDICATION
OTHER THAN THIS LETTER RE FIELD EDIT ON
MANUSCRIPTS WITH NO CHANGES NOTED. THE
~~THEY~~ ~~(T-II907)~~ PROPORTIONALLY COPIES THAT WERE
TRANSMITTED HERE WITH NO CHANGES
SENT BACK TO THE SHIP (T-II908, T-II909, T-II910)
THEY ARE IN 100% RECORDS

[Signature]
1/31/64

REVIEW REPORT T-11907
SHORELINE

61. GENERAL STATEMENT

See summary accompanying Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

A visual comparison was made with a copy of Registered Planetable Survey No. 3273, 1:20,000 scale dated March 30, 1914.

Survey T-11907 supersedes the old Planetable survey and should be used for the construction of Nautical Charts.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with U.S.G.S. Keanae, Hawaii 7½ minute quadrangle, 1:24,000 scale, edition of 1957.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made with a copy of Boat sheets H-8723-FF and H-8720-PF-10-3-63 GG. The shoreline of the boat sheets and the manuscript are in good agreement. The minor differences have been noted on the comparison sheet. *

65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with nautical chart 4116, 1:250,000 scale, August 17, 1964. Because of the extreme difference in the scale of the chart and the manuscript only a visual comparison was made.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This map complies with the instructions and meets the National Standard of Map Accuracy.

* Refer to page 19

15.

Approved by:

Approved by:

L. F. Woodcock
Chief, Photogrammetry Branch

Chief, Operations Division

NOTES TO VERIFIER OR FINAL REVIEWER
H-8723 and H-8720)
(Comparison with T-11907)

1968

Map T-11907 was field edited prior to hydrography (surveys H-8723 and H-8720); and, in addition, survey H-8723 was found upon examination (at the Washington Office) of Blue Print Copy 64291 of the boat sheet, to include field edit corrections applied subsequent to the original field edit.

A copy of the boat sheet for H-8723 made prior to application of the hydro survey edit information to the hydro survey was available for use in the final review of T-11907. As a result of this, and the procedure used for furnishing a Field Edit Sheet to the Photogrammetric Office, field edit information was, in some instances, found not to have been applied or incorrectly applied. The edit sheet furnished the Photogrammetric Office was a poorly reproduced ozalid copy of the original cronaflex field edit sheet. Edit information was not clarified, and in some instances, apparently missing. The fact that edit corrections of information furnished through the shoreline survey were applied to the boat sheet during hydrography (subsequent to the original edit) is readily apparent inasmuch as some edit information on the Field Edit Sheet has been changed on the boat sheet.

Prior to registering T-11907, the map and the following sources were examined at the Washington Office: (1) Field Edit Discrepancy Print; (2) The Comparison Print; and BP-64291 (H-8723). Some corrections found on BP-64291 or on both the blue print and the Field Edit Sheet were applied prior to registration. A number of differences between the surveys still exist. These differences can best be disposed of during verification or final review of the hydro survey inasmuch as the original edit sheet and sounding volumes will be available; furthermore, the deletion or retention of some shoreline survey ledge lines may be dependent upon an evaluation of hydro development. Plates of the photography used in compilation can be ordered if necessary to aid in resolving the subject discrepancies.

Changes made in T-11907 at the Washington Office and unresolved discrepancies noted are indicated in green on the Comparison Print accompanying the survey. For this survey the Field Edit Sheet will remain (registered) with the map until all discrepancies are resolved.

Differences between H-8723 and H-8720 (BP-64394) exist in the common area. No discrepancies between H-8720 and T-11907 were found to exist outside the common area of the two hydro surveys.

Discrepancies between T-11907 and H-8723 were resolved (2/7/73) in conference with the Hydro-Survey Review Unit. Several minor line corrections by the hydrographer were not applied to the topo source.

W.O. Review Unit
MJB
SB

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-11907

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.

CHART	DATE	CARTOGRAPHER	REMARKS
4116	5/6/69	D. Chapman	Full Part Before After Verification Review Inspection Signed Via Drawing No. <u>NO CORR.</u>
4116	8/4/75	Rap Spence	Full Part Before After Verification Review Inspection Signed Via Drawing No. <u>NO CRITICAL CORR.</u>
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.