#### Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

# DESCRIPTIVE REPORT

Type of Survey SHORELINE (Photogrammetric)  Field No. Office No. T-12953
LOCALITY
State VIRGIN ISLANDS
General locality SAINT THOMAS
Locality SAINT THOMAS HARBOR
19_65-66
CHIEF OF PARTY
J. Bull, Director, Atlantic Marine Center
LIBRARY & ARCHIVES
DATE

USCOMM-DC 5087

FORM C&GS-181a (3-66)

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

	DESCRIPTIVE REP	0K1 - DATA [-12953	RECORD		
ROJECT NO. (II):					
JOB PH-6504					
IELD OFFICE (II);		· .	CHIEF OF PARTY		
HOTOGRAMMETRIC OFFICE (III):			OFFICER-IN-CHARGE		
Atlantic Marin	e Center		J.Bull, Director, Atlantic Marine Cen		
STRUCTIONS DATED (II) (III):					
October 29, 19	965				
•					
			•		
	<del></del>				
METHOD OF COMPILATION (III):					
Kelsh			и		
ANUSCRIPT SCALE (III):		STEREOSCO	PIC PLOTTING INSTRU	MENT SCALE (III):	
1:5,000		1:3.00	O pantographed	to 1:5.000	
DATE RECEIVED IN WASHINGTON OF	FICE (IV):	DATE REPO	O pantographed RTED TO NAUTICAL C	HART BRANCH (IV):	
i		,			
,					
		DATE:	DA	TE REGISTERED (IV):	
		DATE:	DA	TE REGISTERED (IV):	
APPLIED TO CHART NO.		DATE:	DA		
GEOGRAPHIC DATUM (III):		DATE:	VERTICAL DATUM (III	I): MHW	
APPLIED TO CHART NO.		DATE:	VERTICAL DATUM (III  NEXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	I): MHW CEPT AS FOLLOWS: 15) refer to mean high water	
APPLIED TO CHART NO.		DATE:	VERTICAL DATUM (III  NEXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	I): MHW CEPT AS FOLLOWS: IS) refer to mean high water I) refer to sounding datum	
GEOGRAPHIC DATUM (III):		DATE:	VERTICAL DATUM (III NEXNEENEMENT EXECUTIONS Shown as (2) Elevations shown as (2)	I): MHW CEPT AS FOLLOWS: IS) refer to mean high water I) refer to sounding datum	
APPLIED TO CHART NO.		DATE:	VERTICAL DATUM (III NEXNEENEMENT EXECUTIONS Shown as (2) Elevations shown as (2)	I): MHW CEPT AS FOLLOWS: IS) refer to mean high water I) refer to sounding datum	
GEOGRAPHIC DATUM (III):  Puerto Rico		DATE:	VERTICAL DATUM (III NEXNEENEMENT EXECUTIONS Shown as (2) Elevations shown as (2)	I): MHW CEPT AS FOLLOWS: IS) refer to mean high water I) refer to sounding datum	
GEOGRAPHIC DATUM (III):  Puerto Rico		DATE:	VERTICAL DATUM (III NEXNEENEMENT EXECUTIONS Shown as (2) Elevations shown as (2)	I): MHW CEPT AS FOLLOWS: IS) refer to mean high water I) refer to sounding datum	
SEOGRAPHIC DATUM (III):  Puerto Rico  REFERENCE STATION (III):  ROCK, 1918	LONG.:	DATE:	VERTICAL DATUM (III  NEXTEXATE EXECUTION SHOWN as (2  Elevations shown as (3  i.e., mean low water or	I): MHW CEPT AS FOLLOWS: IS) refer to mean high water I) refer to sounding datum	
Puerto Rico  REFERENCE STATION (III):  ROCK, 1918			VERTICAL DATUM (III NEXNEENEMENT EXECUTIONS Shown as (2) Elevations shown as (2)	I): MHW CEPT AS FOLLOWS: IS) refer to mean high water I) refer to sounding datum	
REFERENCE STATION (III):  ROCK, 1918  LAT.:  8019127".492(845.2m)	Long.: 64°56° 00°.016 (		VERTICAL DATUM (III NHANNEKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	I): MHW CEPT AS FOLLOWS: IS) refer to mean high water I) refer to sounding datum	
GEOGRAPHIC DATUM (III):  Puerto Rico  REFERENCE STATION (III):		0.5m)	VERTICAL DATUM (III NHANNEXEXEXEXEXEXEXEXEXEXEXEXEXEXEXEXEXEXE	I): MHW CEPT AS FOLLOWS:  15) refer to mean high water  i) refer to sounding datum  mean lower low water	

FORM C&GS-181b (3-66)

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

	•	
IELD INSPECTION BY (II):	* * * *	DATE:
-		
EAN HIGH WATER LOCATION (III) (STATE DAT	E AND METHOD OF LOCATION):	
Air Photo. compilatio	on	
Date of photography		
ROJECTION AND GRIDS RULED BY (IV):	•	DATE
A. E. Roundtree		October 1965
ROJECTION AND GRIDS CHECKED BY (IV):		DATE
J. Collum		October 1965
ONTROL PLOTTED BY (III):		DATE.
B. H. Barnes		December 1965
ONTROL CHECKED BY (III):		DATE
A C Pouck In		D
A. C. Rauck, Jr.		December 1965
ADIAL PLOT OR STEREOSCOPIC CONTROL EX	TENSION BY (III):	DATE
I. I. Saperstein		November 1965
TEREOSCOPIC INSTRUMENT COMPILATION (III	PLANIMETRY K. Boyle, L. Graves (checked) R. Pate	January 1966
		-
	CONTOURS Inapplicable	DATE
•	imppiloabio	
ANUSCRIPT DELINEATED BY (III):		DATE
K. Boyle		January 1966
CRIBING BY (III):		DATE
B. Barge		August 1966
HOTOGRAMMETRIC OFFICE REVIEW BY (III):		DATE
R. E. Smith		June 1966
REMARKS: Field Edit by D. R. F	lich, LTjg March 1966	
· · · · · · · · · · · · · · · · · · ·		



### **DESCRIPTIVE REPORT - DATA RECORD**

CAMERA (KIND OR SOURCE) (III):

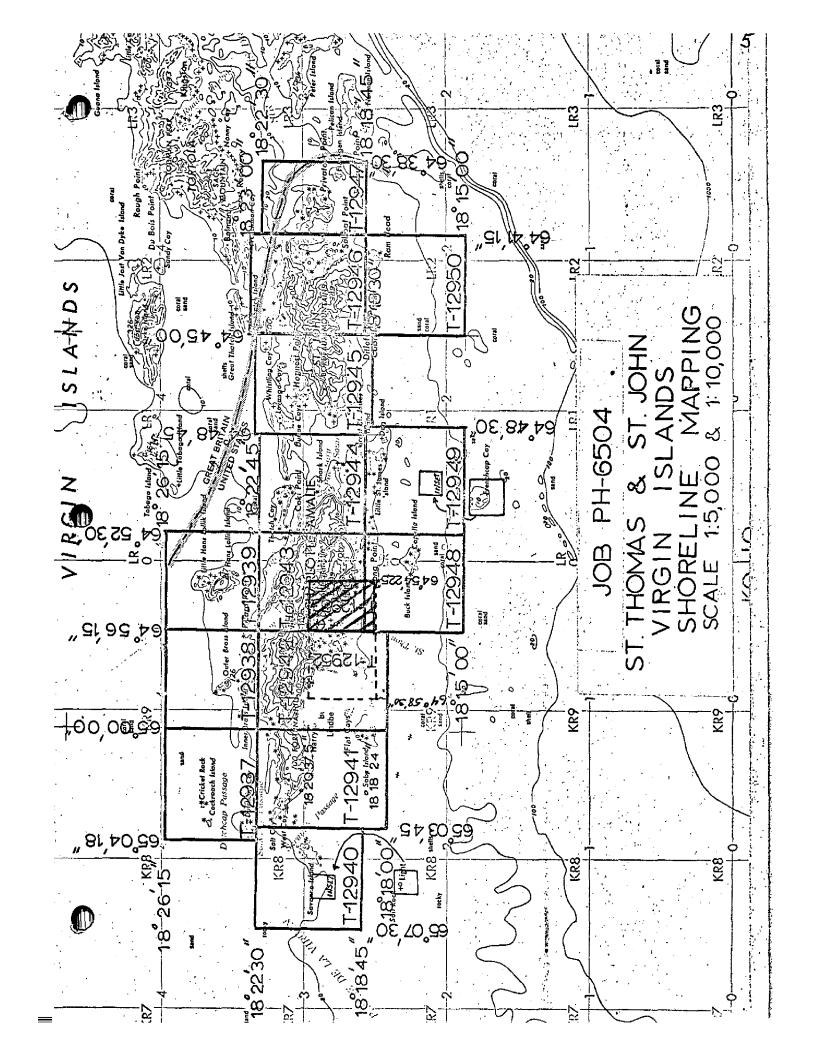
L camera

	PHOTOGRAPHS (III)				
NUMBER	DATE	TIME	SCALE	STAGE OF TIDE	
65-L-1497 65-L-1498 65-L-1499 65-L-1552 65-L-1553	March 9, 1965	16:16 16:16 16:16 16:37 16:37	1:15,000	-0.07 -0.07 -0.07 -0.17 -0.17	
65-L-1554	***	16:37	#1	-0.17	
· · · · · · · · · · · · · · · · · · ·		TIDE (III)	Predicted	· · · · · · · · · · · · · · · · · · ·	

		RATIO OF RANGES	MEAN RANGE	SEPHINICAL SANGE
REFERENCE STATION: GALVESTON, TEXAS			Diurnal 1.4	
SUBORDINATE STATION: Charlotte Amalie, St. Thomas	Island	0.57		0.8
SUBORDINATE STATION:				]
WASHINGTON OFFICE REVIEW BY (IV): Les F. Beugnet Ati	Santic Marine Conter	DATE: Feb	1961	7
PROOF EDIT BY (IV):	,	DATE:		
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):	RECOVERED:	IDENTIFIE	D:	
NUMBER OF BM(S) SEARCHED FOR (III): none			:D	
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):	none			
NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III)	i n <b>o</b> ne			

REMARKS:

COMPILATION RECORD	COMPLETION DATE	REMARKS
gazz errora bina. (Bina tigali de 1944 de 1945	January 1966	Superseded
Field Edit applied Manuscript complete	June 1966	Superseded
Corrected during Final Review	Fab. 1967	



# SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT T-12953

Shoreline map T-12953 is one of two similar maps compiled at 1:5,000 scale in project PH-6504. The primary purpose of the maps was to provide new shoreline and photo-hydro support data for hydrographic surveys in the general area of St. Thomas Harbor.

Field operations preceding compilation consisted of recovery and identification of horizontal control. Compilation was at 1:5,000 scale using the 1:15,000 scale panchromatic photography obtained in March 1965. Cronaflex copies of the manuscript, field photographs and specially prepared photo-hydro support photographs were provided for preparation of the hydrographer's boatsheet, field edit and photo-hydro support purposes.

The manuscript is a vinylite sheet 2 minutes 13.5 seconds in latitude by 1 minute 52.5 seconds in longitude which was scribed and reproduced on cronaflex. One cronar positive and one cronar negative are provided for record and registry.

T-12953

There was no Field Inspection prior to compilation.

U.S. DEPARTMENT OF COMMERCE DESCRIPTIVE REPORT

FORM **164** (4-23-54)

1 of 2

V

FROM GRID OR PROJECTION LINE FROM GRID OR PROJECTION LINI IN METERS COMM- DC- 57845 (BACK) FORWARD SCALE FACTOR (BACK) N.A. 1927 - DATUM DATE. FORWARD DATUM SCALE OF MAP 1:5,000 DISTÂNCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS (BACK) CHECKED 8Y: 7 Ź FORWARD 622.8 845.2 991.1 360.2 425.3 821.6 1480.4 915.6 1054.0 1543.5 988.4 823.9 656.6 ٠ کر 1208.7 1726.2 912.5 1435.7 1692.8 910.9 1323.8 1441.7 1735.3 1204.1 LONGITUDE OR x-COORDINATE LATITUDE OR W-COORDINATE 180191 55.061" 64°541 11.007" 56.444 27.980 29.630 50.419 43.059 20.257 52.571 PROJECT NO. PH-6504 11.716 14.485 31.178 32.149 28,060 27.492 00,016 39.316 58.786 29.679 48.898 32,238 49.103 34.283 64 58 18 19 64 55 18 20 64 55 18 19 18 19 64 55 52 53 64 53 64 53 18 20 18 18 18 20 64 55 18 20 64 55 18 19 64 55 87 19 ኢ 18 20 굯 ₹9 ₹ DATE DATUM 먮 = = = = = SOURCE OF CASTLE, FLAGPOLE, 1918 P.79 G.P.s P. 59 G.P.S P. 60 G.P.s P.74 G.P.s P.78 (INDEX) P.79 = = = = = WHARF, CONCRETE BIDG. LONGITUDE PIER, 1900 MAP T- 12593 BATTERY (SIG),1900 SOUTH BASE, 1918 EAST POINT LIGHT-FORT CHRISTIAN FLAGSTAFF, 1900 1 FT. = 3048006 METER HASSEL, 1918 KING (KING's STATION GREEN, 1918 PIER, 1918 FLAG, 1918 ST. THOMAS COMPUTED BY: HOUSE, 1900 ROCK, 1918 COWELL IS

U

2 of 2

DISTANCE
FROM GRID OR PROJECTION LINE
IN METERS
FORWARD
GRACKA M - 2388-12 SCALE FACTOR DATE... DATUM SCALE OF MAP 1:5,000 DISTANCE FROM GRID IN FEET.
OR PROJECTION LINE IN METERS (BACK) CHECKED BY:.... 7 7 FORWARD 1234.09 1756.96 LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE MAP T. 12593 PROJECT NO. PH-6504 183,234.09 DATE. DATUM P.R. SOURCE OF INFORMATION (INDEX) (un-checked) COMP. TEMPORARY STA. 1 FT. - 3048006 METER STATION COMPUTED BY:.. A, 1965

Photogrammetric Plot Report St. Thomas, Virgin Islands Job PH-6504

### 21. Area Covered

The project covers two 1:5,000 sheets in the southern part of St. Thomas. The sheets are T-12952 and T-12953.

### 22. Method

Only the northern strip of photography was bridged on the stereoplanigraph. The southern strip could not be bridged across water. The points have been established between the northern and southern strips of photographs to facilitate the setting up of models for the southern strip on the Kelsh. The adjustment was made by IBM 1620 methods.

### 23. Adequacy of Control

The control provided, along with the 1965 Harry S. Truman Airport survey control, was adequate with the following exceptions: CHIMNEY, 1918 S.P.A. could not be held in the bridge and was not resolved. The chimney itself, therefore, was used. BRUSH, 1918 was identified direct, could not be held within allowable limits because of lack of imagery.

All additional control held within National Map Accuracy Standards for 1:5,000 scale mapping.

### 24. Supplemental Data

USGS Quadrangle CENTRAL ST. THOMAS, VIRGIN ISLANDS, scale 1:24,000 dated 1955 was used to provide basic vertical control for bridging operations.

### 25. Photography

Photography was adequate in coverage, overlap and definition.

### 26. Plotting Constants

Plotting constants for 1:5,000 scale manuscripts were provided for all bridge points.



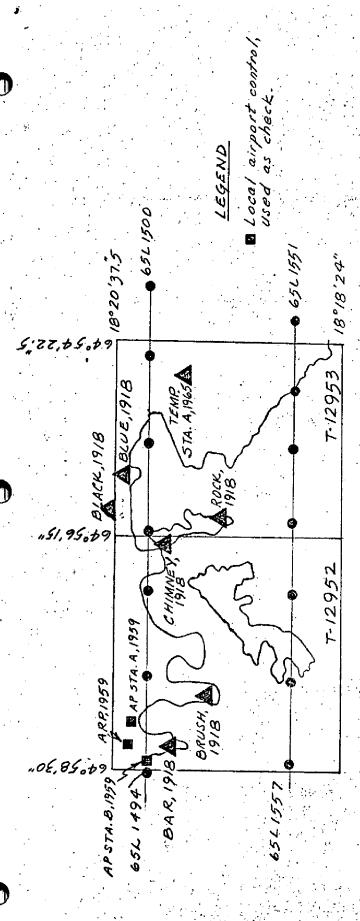
Submitted by:

Jumy & Saperstein

Approved by:

John D. Perrow, Jr.

November, 1965



AEROTRIANGUCATION SKETCH

ST THOMAS, V.I.

Ph-6504

Nov. 1965

### COMPILATION REPORT T-12953

The Photogrammetric Plot report is being submitted with this report.

### 31. DELINEATION

The kelsh plotter was used. There was no field inspection. Photography was satisfactory.

### 32. CONTROL

See Photogrammetric Plot report.

### 33. SUPPLEMENTAL DATA

None.

### 34. CONTOURS AND DRAINAGE

Inapplicable.

### 35. SHORELINE AND ALONGSHORE DETAILS

There was no field inspection. Shoreline and alongshore details were delineated from office interpretation of the photography. No low water line was shown.

### 36. OFFSHORE DETAILS

See Item 49.

### 37. LANDMARKS AND AIDS

There was no Landmarks or Aids located or verified by the Field Editor or the Hydrographer.

### 39. JUNCTIONS

1:5,000 scale manuscripts; T-12952 and T-12953 lie within the limits of 1:10,000 manuscripts; T-12942, T-12943 and T-12948. A satisfactory junction has been made with T-12952 to the west. The 1:10,000 scale manuscripts are to be compiled at a later date.

### 40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

### 46. COMPARISON WITH EXISTING MAPS

Comparison has been made with U.S.G.S. Quadrangle CENTRAL ST. THOMAS, V.I. scale 1:24,000 dated 1955.

### 47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart No. 933 scale 1:10,000 8th edition dated April 26, 1965.

### ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

### ITEMS TO BE CARRIED FORWARD

None.

R. E. Smith Cartographer

Approved and forwarded:

Bull, CAPT, USESSA

Director, Atlantic Marine Center

## 48. GEOGRAPHIC NAME LIST

BARREL OF BEEF

BLUEBEARD HILL

CAREENING COVE

CARIBBEAN SEA

CAY BAY\*\*

CHARLOTTE AMALIE

COWELL BATTERY\*

COWELL POINT

EAST GREGERIE CHANNEL

FORT CHRISTIAN

FREDERIKSBERG POINT

HASSEL ISLAND

HAVENSIGHT POINT

KINGS WHARF

LISENLUND HILL \*

LONG BAY

MUHLENFELS POINT

PACQUEREAU BAY

POINT KNOLL

RUPERT ROCK

MORNING STAR BAY

ST. THOMAS HARBOR

ST. THOMAS ISLAND

WEST INDIAN DOCK\*\*

\* Not on A.J. Wraight's name list

\*\* From Chart No. 933

\* Not shown on this Survey

### T-12953

### 49. NOTES FOR THE HYDROGRAPHER

Features believed to be of landmark value have been shown, but their visual or navigational value should be verified.

Rocks, piles, shoals, and other offshore features have been shown from office interpretation, they should be verified.

Three Lights or Buoys have been located from the Kelsh. These should be verified as to their positions and if they are lights or Buoys.

A discrepancy ozalid with notes for verification to the hydrographer and/or field editor is being forwarded with this report.





C&G\$ FORM 1002			U	S. DEPARTMENT OF COMMERCE
	PHO		RIC OFFICE REVIEW	
50		T-1	<b>12953 12953</b>	•
1. PROJECTION AND GRIDS	2. TITLE		3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
RES	RES		RES	RES
CONTROL STATIONS				
5. HORIZONTAL CONTROL ST. THIRD-ORDER OR HIGHER A RES	ATIONS OF CCURACY	6. RECOVERAE OF LESS TH (Topographic	BLE HORIZONTAL STATIONS AN THIRD-ORDER ACCURACY : etations)	7. PHOTO HYDRO STATIONS
8. BENCH MARKS	9. PLOTTING OF FIXES		10, PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
XX	XX		Bridge (WSC)	Kelsh
ALONGSHORE AREAS (Nautical	Chart Data)			
12. SHORELINE	13. LOW-WATER	LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
RES	XX		RES	xx
16. AIDS TO NAVIGATION	17. LANDMARK	s	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
XX	XX		RES	RES
PHYSICAL FEATURES				
20. WATER FEATURES		21. NATURAL	GROUND COVER	22. PLANETABLE CONTOURS
RES		RI	es ·	XX
23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS	IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
XX	XX		XX	RES
CULTURAL FEATURES 27. ROADS	28. BUILDINGS	· ·	29. RAILROADS	30. OTHER CULTURAL FEATURES
RES	RES		XX	RES
BOUNDARIES	<u></u>			
31. BOUNDARY LINES			32, PUBLIC LAND LINES	
MISCELLANEOUS				
33. GEOGRAPHIC NAMES		34. JUNCTIONS	5	35. LEGIBILITY OF THE
RES		RES	3 .	RES
36. DISCREPANCY OVERLAY	37. DESCRIPTI		38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
XX	RES		XX	RES
40. REVIEWER			SUPERVISOR, REVIEW SECTION	
RES G.E.	lmith_		ACR Albert C.	Rauck. Jr.
41. REMARKS (See attached she		FIANC TO		0
FIELD COMPLETION ADDITION 42. Additions and corrections	furnished by th	e field completi		to the manuscript. The manu-
script is now complete ex-	cept as noted un	der item 43.	ISUPERVISOR	
RES Q.E.D.	mith		ACR albut C.	Rauch Q
43. REMARKS	muu		I NOR DO-O-	July 1



### FIELD EDIT REPORT

ST. THOMAS HARBOR V.I.

MARCH 1966

USC&GS SHIP WHITING

LCDR JAMES P. RANDALL, USESSA, COMMANDING

51: METHODS

For the most part the entire shoreline of St. Thomas Harbor was inspected from a skiff.

All corrections, deletions and additions have been noted on the appropriate photographs and discrepancy prints are cross referenced. Elevations of rocks were determined by use of a hand level. All wreck investigations will be done by the hydrographer (See Descriptive Report for Sheet WH-5-1-66).

All field edit information has been shown on the following sheets and photographs:

SHEETS: T-12952, T-12953

PHOTOS: 65L1552, 65L1554-1556, 65L1495-1498

### 52: ADEQUACY OF COMPILATION

Compilation is, with the following corrections, considered complete and adequate

### T-12952

T-12952
Deletions: 1. Cable beginning at18°20'17"N 64°57'55"W
2. Unidentified object18°20'12"N 64°57'52"W
3. Pipeline
4. Unidentified object from hydro Survey 4544а
5. Old pier
6. Pier ruins
7. Daybeacon
8. Wreck64°19'48"N
Additions: None
Corrections: None
T-12953
Deletions:
1. Pier ruins
2. Submerged rock

Additions: None

Corrections: None

### 53: MAP ACCURACY

No accuracy tests were made except by the hydrographer. In all cases the plot appeared well within hydrographic needs. The photo-identification of station SPRAT, 1918, was made to help strengthen the plot on the South end of Water Island.

### 54: RECOMMENDATIONS

No recommendations are offered. The office interpretation of photo images is considered excellent.

### 55: EXAMINATION OF PROOF COPY

The following residents of Charlotte Amalie, St. Thomas have examined the discrepancy prints for any possible errors: James E. Simmons (res. 32 yrs.), Harbor Master; Robert W. Conway (res. 20 yrs.), Harbor Pilot.

### 56: SHORELINE

All the shoreline on sheet T-12953 is adequate as shown except the shoreline around "Rupert Rock" (18°19'50"N, 64°55'38"W). Field identification of shoreline was indicated on the photographs as requested on the discrepancy prints.

All shoreline on sheet  $^{\rm T}$ -12952 is adequate as shown except the shoreline around SPRAT POINT. Field identification of shoreline was indicated on the photographs as requested on the discrepancy prints.

## APPROVAL SHEET

Submitted by:

Donald K. Rich

Donald R. Rich LTjg, USESSA

Approved:

James P. Randall, LCDR, USESSA Commanding USC&GS Ship WHITING

### REVIEW REPORT SHORELINE February 20, 1967

### 61. GENERAL STATEMENT

See Summary accompanying Descriptive Report.

### 62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

The only prior registered survey in this area is Registered Survey No. 4544a which contains the shoreline and the hydrography accomplished from August 1923 to October 1925.

It was noted during final review that the position of the reference station on Survey 4544a (EAST PT. L.H. "EAST") is given as latitude 18° 19' 622.9m, longitude 64° 55' 634.9m. The position in the List of G.P.'s for EAST POINT LIGHTHOUSE, 1900 is latitude 18° 19' 622.8m, longitude 64° 55' 629.9m. This may possibly account for some of the differences in the shoreline and the apparent shift in position of some rocks in the comparison of the old and new survey.

This map supersedes the older survey for Nautical Chart construction purposes.

### 63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with U.S.G.S. CENTRAL ST. THOMAS, V. I. quadrangle, 1:24,000 scale, edition of 1955. The comparison was generally favorable considering the difference in the scale of the two surveys.

### 64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made with a copy of boatsheet H-8877, 1:5,000 scale.

The shoreline on the boatsheet was taken from a copy of the Incomplete Manuscript and is not in agreement with that on the Advance Manuscript as many changes were made in the shoreline and positions of rocks during the application of Field Edit data and at the time of Final Review. A copy of the manuscript containing all of the changes was provided to the Hydrographic Processing Unit, Atlantic Marine Center, for smooth sheet use.



### 65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Nautical Chart 933, 1:10,000 scale, 8th edition, April 26, 1965, corrected through Notice to Mariners No. 39, September 25, 1965. All differences and discrepancies between the chart and this survey have been noted on the comparison print.

Special attention is brought to what may be a submerged rock at latitude 18° 20' 17" longitude 64° 56' 12". It is shown neither on the chart, survey 4544a nor the contemporary hydrographic survey. The image visible on photographs 65-L-1496, 1497, 1498 at this position could not be positively identified by the reviewer and is shown on the map as a submerged rock.

### 66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This survey complies with instructions and meets the National Standards of Map Accuracy.

Future surveys in the area should check for the submerged rock mentioned in Item 65 and obtain the heights of all rocks that are dangerous to navigation.

Reviewed by:

Approved by:

Bull, RADM

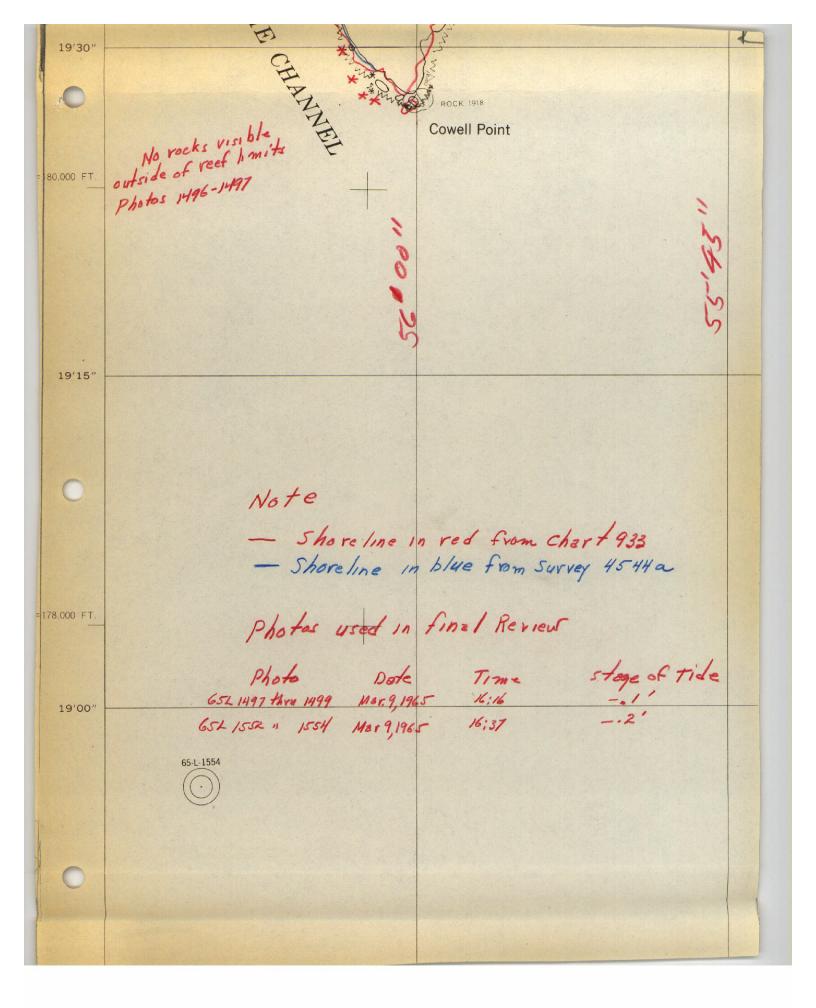
Director, Atlantic Marine Center

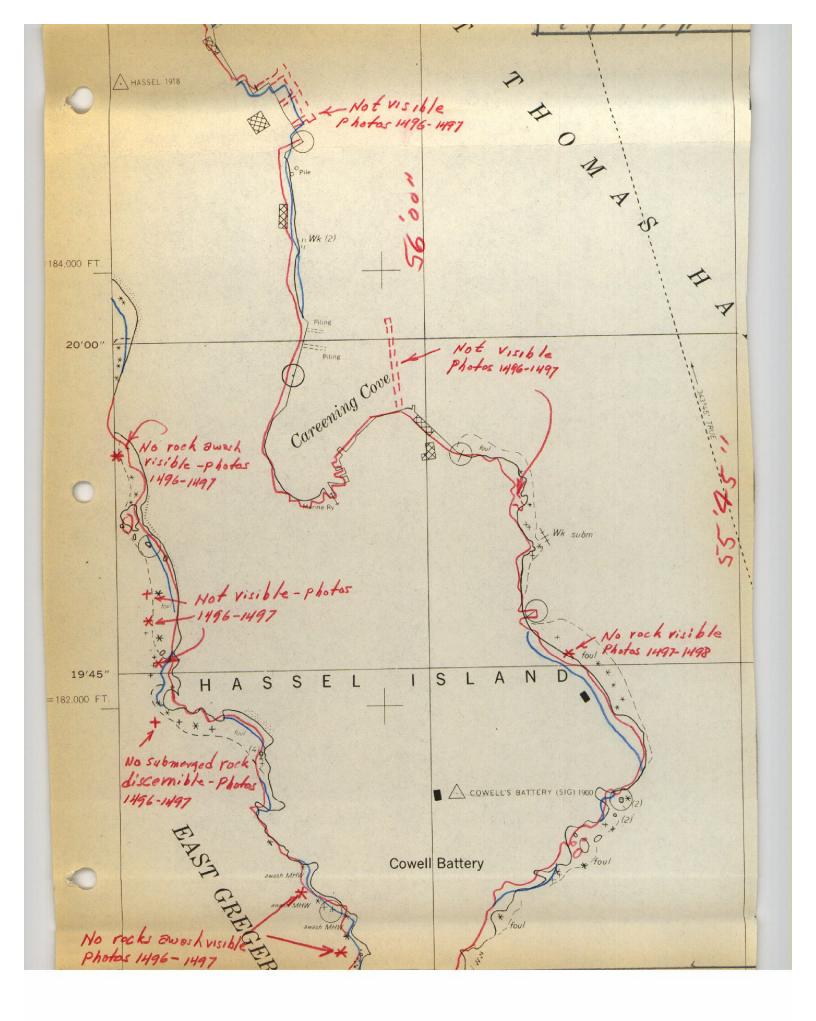
Approved by:

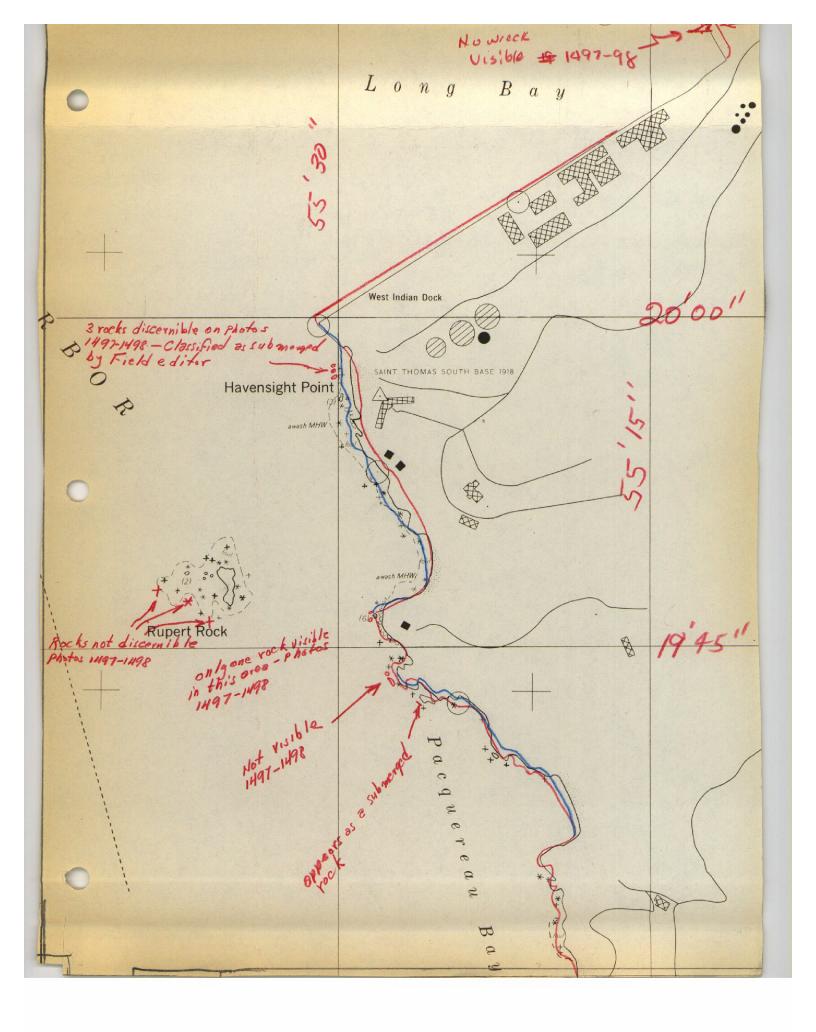
Chief, Photogrammetric Branch Abs

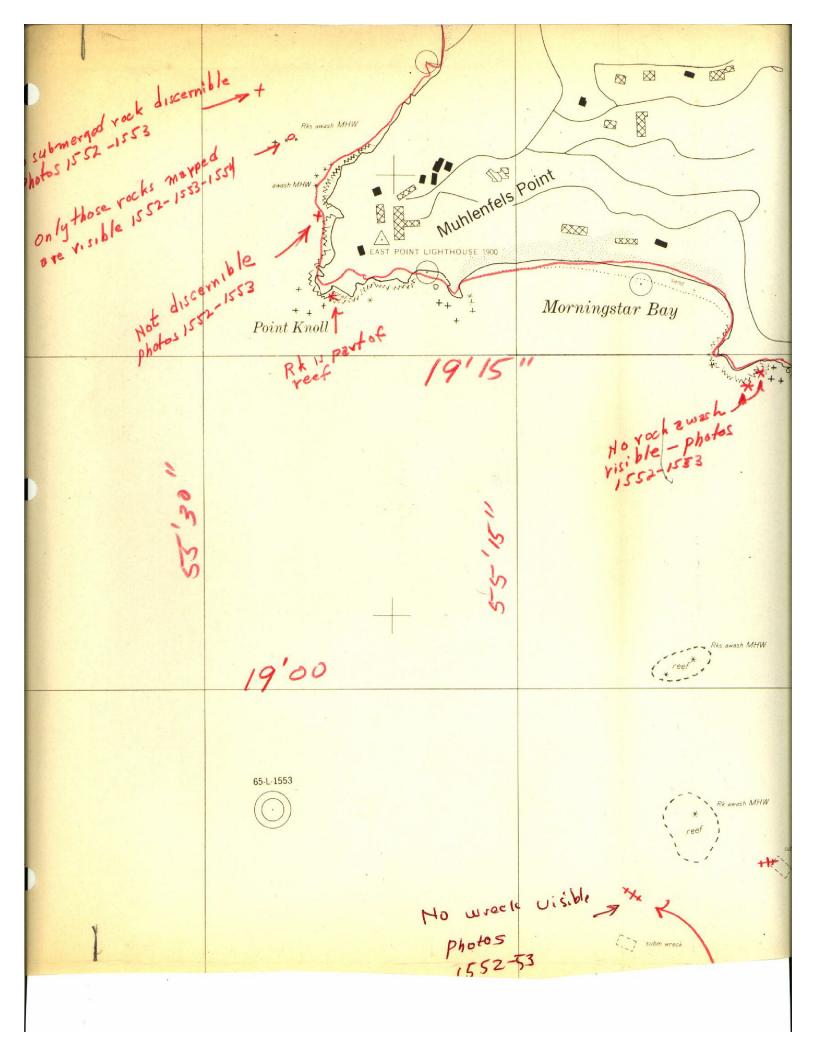
Chief, Photogrammetry Division

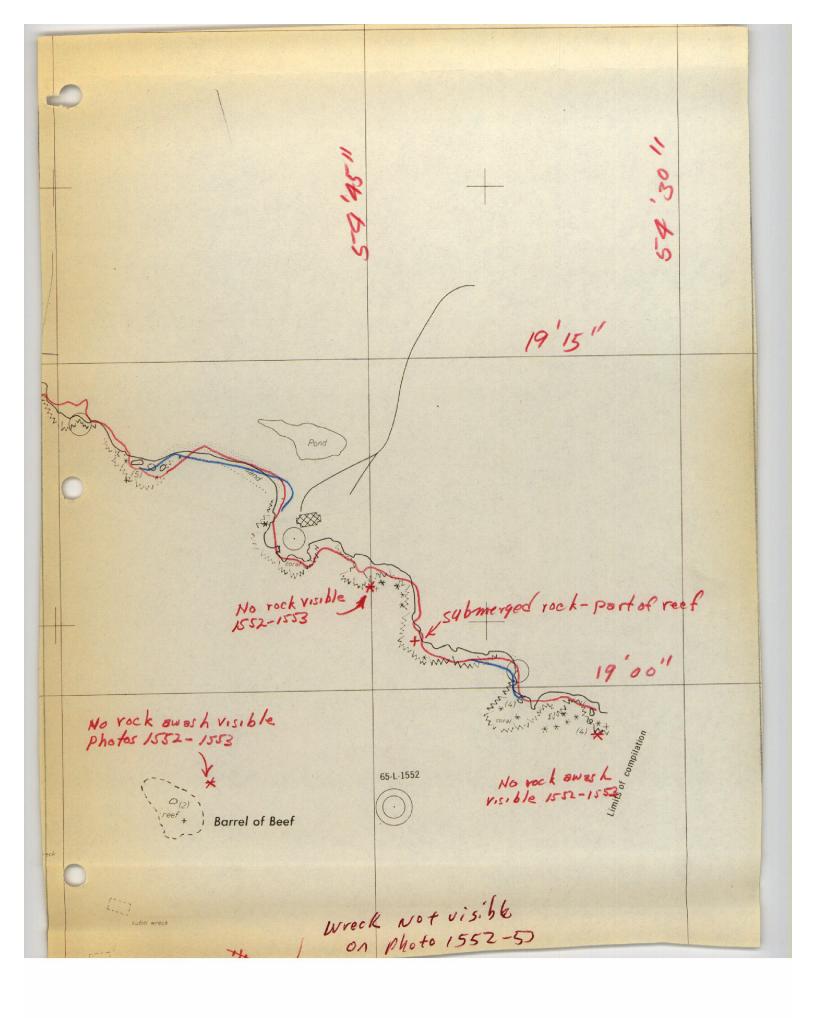
Chief, Namilieal Chart Division

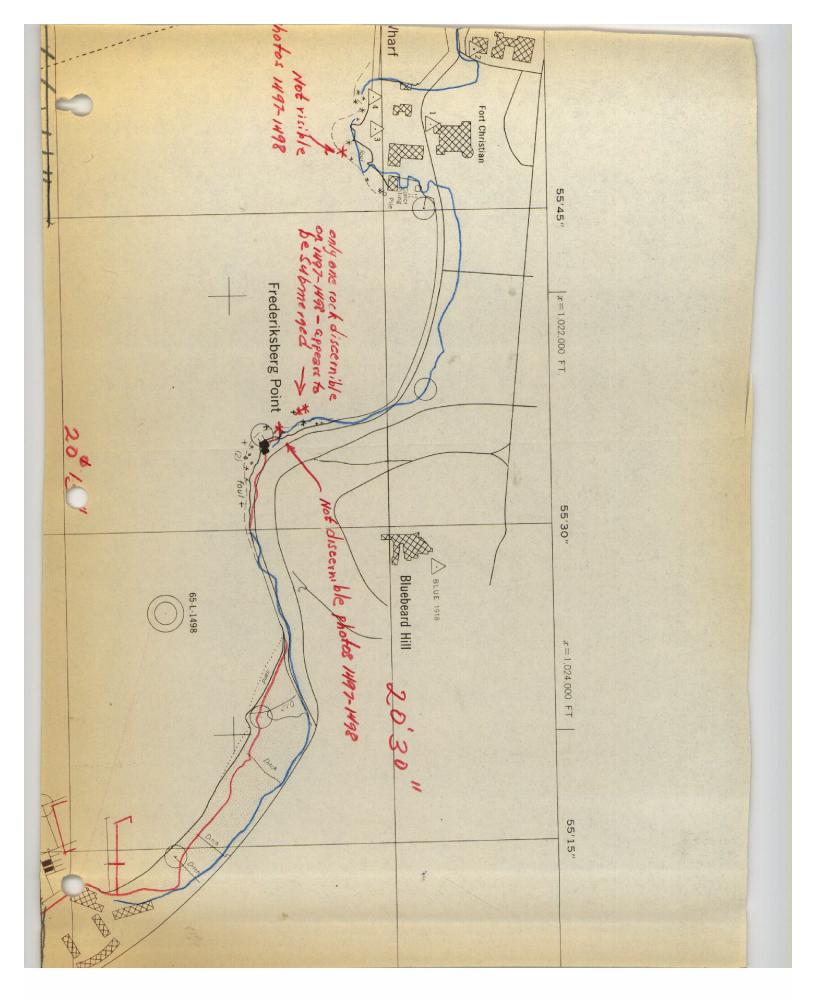












#### NAUTICAL CHART DIVISION

### 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.

り

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.

			DEMARKS
CHART	DATE	CARTOGRAPHER	REMARKS
933	9/4/74	Condto	Full Para Before After Marification Review Inspection Signed Via
25649)		·	Drawing No. Consider July applied
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			25 Adequately Apple and Field
905	11/6/74	R Nicto	Full Bar Relong After Verification Review Anspection Signed Via
(25641)			Drawing No. 23
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			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
<u>.</u>			Drawing No.
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		<u> </u>	Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
*			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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			Full Part Before After Verification Review Inspection Signed Via
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	<u> </u>		
		<b>b</b>	
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