**NOAA Form 76-35**

**U.S. Department of Commerce**
**National Oceanic and Atmospheric Administration**
**National Ocean Survey**

**Descriptive Report**

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Shoreline</th>
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<tbody>
<tr>
<td>Job No.</td>
<td>PH-6504</td>
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<tr>
<td>Map No.</td>
<td>T-12947</td>
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<tr>
<td>Field Edited</td>
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<tr>
<td>Edition No.</td>
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**Locality**

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<tr>
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<tr>
<td>General Locality</td>
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</tr>
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<td>Mennebeck Bay to</td>
</tr>
<tr>
<td>Locality</td>
<td>Flanagan Island</td>
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| Date           | 1971 TO 1976 |

**Registry in Archives**

**DESCRIPTIVE REPORT - DATA RECORD**

**PHOTOMETRIC OFFICE**
Coastal Mapping Division (Rockville)
Coastal Mapping Division (Norfolk)

**OFFICER-IN-CHARGE**
Wesley V. Hull  (Rockville)
Jeffrey G. Carlen  (Norfolk)

**TYPE OF SURVEY**
- [ ] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

**SURVEY**
- [ ] T-12947

**LAST PRECEDING MAP EDITION**

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<th>PH.</th>
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**SURVEY DATES:**
- 19__ TO 19__

**I. INSTRUCTIONS DATED**

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<th>DATE</th>
<th>OFFICE</th>
<th>FIELD</th>
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<tr>
<td>Jan. 25, 1972</td>
<td>Compilation</td>
<td>Nov. 15, 1972 - Supplement I</td>
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<td>Nov. 15, 1972</td>
<td>Compilation</td>
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</tr>
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</table>

**Supp. I.**

**II. DATUMS**

1. HORIZONTAL:
- [ ] 1927 NORTH AMERICAN
- [ ] MEAN HIGH-WATER
- [ ] MEAN LOW-WATER
- [ ] MEAN LOWER LOW-WATER
- [ ] MEAN SEA LEVEL

**OTHER (Specify)**
- Puerto Rico

**VERTICAL:**

**OTHER (Specify)**

**III. HISTORY OF OFFICE OPERATIONS**

<table>
<thead>
<tr>
<th>OPERATIONS</th>
<th>NAME</th>
<th>DATE</th>
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<tbody>
<tr>
<td>METHOD: Analytical</td>
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<td>LANDMARKS AND AIDS BY</td>
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<tr>
<td></td>
<td>NA</td>
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<tr>
<td>2. CONTROL AND BRIDGE POINTS</td>
<td>D. Phillips</td>
<td>July 1972</td>
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<tr>
<td>METHOD: Coridamat</td>
<td></td>
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<tr>
<td>PLOTTED BY</td>
<td>D. Phillips</td>
<td>July 1972</td>
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<tr>
<td>CHECKED BY</td>
<td></td>
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</tr>
<tr>
<td>3. STEREOSCOPIC INSTRUMENT</td>
<td>J. Richter</td>
<td>Nov. 1972</td>
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<tr>
<td>COMPILATION</td>
<td>C. Lewis</td>
<td>Nov. 1972</td>
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<td>INSTRUMENT: B-8</td>
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<td>4. MANUSCRIPT DELINEATION</td>
<td>C. Lewis</td>
<td>Nov. 1972</td>
</tr>
<tr>
<td>METHOD: Inked</td>
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<td>J. Richter</td>
<td>Nov. 1972</td>
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<td>CONTOURS BY CHECKED BY</td>
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<td>5. OFFICE INSPECTION PRIOR TO</td>
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<tr>
<td>FIELD EDIT</td>
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<td>HYDRO SUPPORT DATA BY CHECKED BY</td>
<td>R. White</td>
<td>May, 1976</td>
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<td></td>
<td>C. Bishop</td>
<td>May, 1976</td>
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<td>6. APPLICATION OF FIELD EDIT DATA</td>
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<tr>
<td>CHECKED BY</td>
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<td>7. COMPIILATION SECTION REVIEW</td>
<td>C. Bishop</td>
<td>May, 1976</td>
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<td>8. FINAL REVIEW</td>
<td>C. Bishop</td>
<td>Nov. 1976</td>
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<tr>
<td>9. DATA FORWARD TO PHOTOGRAPHMETRIC BRANCH</td>
<td>C. H. Bishop</td>
<td>Jan. 1977</td>
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<td>10. DATA EXAMINED IN PHOTOGRAPHMETRIC BRANCH</td>
<td>E. L. Rolle</td>
<td>March 1977</td>
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<td>11. MAP REGISTERED - COASTAL SURVEY SECTION</td>
<td>F. J. Cald</td>
<td>May 1977</td>
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1. COMPILATION PHOTOGRAPHY

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<th>TIME</th>
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<td>71L(C)1044</td>
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<td>1:20,000</td>
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REMARKS

Photographs ratioed to 1:10,000 scale

2. SOURCE OF MEAN HIGH-WATER LINE:

Office interpretation of color photographs of 1971 listed above.

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

Not compiled

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

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<thead>
<tr>
<th>SURVEY NUMBER</th>
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<th>DATE(S)</th>
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5. FINAL JUNCTIONS

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<th>SOUTH</th>
<th>WEST</th>
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<tr>
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<td>No Contemporary Survey</td>
<td>No Contemporary Survey</td>
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REMARKS
**HISTORY OF FIELD OPERATIONS**

1. **FIELD INSPECTION OPERATION**
   - OPERATION: CHIEF OF FIELD PARTY
     - NAME: J.K. Wilson
   - OPERATION: HORIZONTAL CONTROL
     - RECOVERED BY: R.S. Tibbetts
     - ESTABLISHED BY: NA
     - PRE-MARKED BY: NA
   - OPERATION: VERTICAL CONTROL
     - RECOVERED BY: NA
     - ESTABLISHED BY: NA
     - PRE-MARKED OR IDENTIFIED BY: NA
   - OPERATION: LANDMARKS AND AIDS TO NAVIGATION
     - RECOVERED (Triangulation Stations) BY: NA
     - LOCATED (Field Methods) BY: NA
     - IDENTIFIED BY: NA
   - OPERATION: GEOGRAPHIC NAMES INVESTIGATION
     - TYPE OF INVESTIGATION: NO INVESTIGATION
   - OPERATION: PHOTO INSPECTION
     - CLARIFICATION OF DETAILS: None
   - OPERATION: BOUNDARIES AND LIMITS
     - SURVEYED OR IDENTIFIED BY: NA

2. **SOURCE DATA**
   - 1. HORIZONTAL CONTROL IDENTIFIED
     - PHOTO NUMBER: None
     - STATION NAME: None
   - 2. VERTICAL CONTROL IDENTIFIED
     - PHOTO NUMBER: NA
     - STATION DESIGNATION: NA
   - 3. PHOTO NUMBERS (Clarification of details)
     - None
   - 4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED
     - PHOTO NUMBER: None
     - OBJECT NAME: None
   - 5. GEOGRAPHIC NAMES: Report
   - 6. BOUNDARY AND LIMITS: Report
   - 7. SUPPLEMENTAL MAPS AND PLANS
     - None
   - 8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodetic Division)
     - 1 Form 152 Control Station Identification
     - 2 Form 266 Observation of Sun for Azimuth and Time
     - 1 Form Hewlett Packard Observation
### NOAA FORM 76-36A

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

**T-12947**  
HISTORY OF FIELD OPERATIONS

1. **FIELD EDIT OPERATION**

<table>
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<tr>
<td>1. CHIEF OF FIELD PARTY</td>
<td>CDR. Trauschke</td>
<td>4/1976</td>
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<td>RECOVERED BY</td>
<td>NA</td>
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<td>3. VERTICAL CONTROL</td>
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5. **GEOGRAPHIC NAMES INVESTIGATION**

- [ ] COMPLETE
- [ ] SPECIFIC NAMES ONLY
- [X] NO INVESTIGATION

6. **PHOTO INSPECTION**

| CLARIFICATION OF DETAILS BY | CDR. Trauschke/LT Chelgren | 4/1976 |

7. **BOUNDARIES AND LIMITS**

- Surveyed or Identified by NA

### SOURCE DATA

1. **HORIZONTAL CONTROL IDENTIFIED**

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<th>STATION NAME</th>
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3. **PHOTO NUMBERS (Clarification of details)**

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5. **GEOGRAPHIC NAMES**

- [ ] REPORT
- [X] NONE

6. **BOUNDARY AND LIMITS**

- [ ] REPORT
- [X] NONE

### SUPPLEMENTAL MAPS AND PLANS

None

### OTHER FIELD RECORDS (Sketch books, etc. **DO NOT** list data submitted to the Geodasy Division)

1. Discrepancy Print
### I. MANUSCRIPT COPIES

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<th>DATE MANUSCRIPT FORWARDED</th>
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### II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORT TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

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<th>CHART LETTER NUMBER ASSIGNED</th>
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<th>REMARKS</th>
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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

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#### THIRD EDITION

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SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORTS T-12937 THROUGH T-12950

Project PH-6904 is a shoreline mapping project which is the source of up-to-date shoreline for contemporary hydrographic surveys of the St. Thomas - St. Johns area of the U. S. Virgin Islands. Fourteen of the maps are at 1:10,000 scale and two are at 1:5,000 scale. T-12952 and T-12953 (St. Thomas Harbor, 1:5,000 scale) were compiled from 1965 photography and edited in 1966. They were final reviewed in 1967 and registered prior to compilation of the remaining maps.

This project is not to be confused with Job CM-7304, a photobathymetry project having the same scale and area limits as PH-6904. The maps were designated by the same numbers as PH-6904 maps, but as second editions (T-12937(2), etc.). As nothing but depths and curves (no shoreline) appear on the photobathymetry maps, they do not qualify as second editions or revisions. Job CM-7304 as a project was cancelled, the parenthesis 2 was removed from the map numbers, and the note "This map has the same area limit as" was added in the identification corners of the photobathymetry maps. Job CM-7304 was not registered; it was turned over to the Verification Branch, Atlantic Marine Center. See Instructions - OFFICE - Job Disposition, CM-7304, Photogrammetric Bathymetry, St. Thomas and St. John Islands, Virgin Islands, dated August 3, 1976.

Field work consisted of the recovery and remarking of horizontal control required for bridging. This was done in October and November, 1971. Additional control was established on Pelican Cay (T-12939) in December 1972.

Photography flown in 1971 was used for bridging and shoreline compilation of the 1:10,000 maps.

Bridging was done by analytic aerotriangulation in Rockville in December 1971. Control was adequate for all sheets except T-12939. After additional control was established on Pelican Cay in December, 1972, a 3-photo strip was bridged to adequately control the Hans Lollik Island section of this map.

Compilation was done on the Wild B-B Plotter in Rockville from January 1972 to August 1974. T-12937 and T-12940 were compiled graphically. When photobathymetry was compiled, the model scale was more favorable for viewing the shoreline. Several minor corrections were made to the mean high water line and some rocks were added. Rock elevations shown in brackets are from photobathymetry.
Field edit was done in conjunction with hydrography, mostly by a photogrammetric unit, from March 1973 to August, 1975. T-12946 and T-12947 were edited by personnel of the Ship WHITING in April 1976. Four fixed aids to navigation and eleven day-beacons (private aids) were located by field methods.

Final Review was done at the Atlantic Marine Center from September 1976 to December 1976.

The original manuscripts were stabilene sheets and varied in size. They were forwarded to the Rockville Office for preparation of Registration Copies.
PHOTOGRAMMETRIC PLOT REPORT
Virgin Islands
Job PH-6504
August 1972

21. Area Covered

This report pertains to thirteen sheets in the Virgin Islands. The sheets are T-12937, T-12938 and T-12940 thru T-12950. The area covered consists of St. Thomas Island, St. John Island and some small islands surrounding the two islands previously mentioned.

22. Method

Ten strips of photography were bridged by analytic aerotriangulation methods and adjusted to the Puerto Rico state plane coordinate system. Strip 1 (71-M-969 thru 974) and Strip 6 (71-M-953 thru 957) were 1:60,000 scale panchromatic photography. Points were established on Strip 1 to control Strips 2 thru 4 and points were also established on Strip 6 to control Strips 7 thru 10. Points were established for determining ratios. Strip 5 was a two-model bridge adjusted to ground by two control points. Strip 10 was also a two-model bridge adjusted to ground by one control point and two points established from Strip 6. Points were plotted by the Coradi plotter. Sheet T-12937 was compiled graphically in the compilation area. Sheet T-12939 was not completed due to lack of photographic control. Sheet T-12949 is to be completed in the compilation area.

23. Adequacy of Control

The control for sheet T-12939 was not adequate for compilation; however, the control for the remaining sheets was adequate.

24. Supplemental Data

Vertical control was taken from USGS topographic quadrangles.

25. Photography

The photography was adequate.

Respectfully submitted:

Don O. Norman
Cam. & Schad
Don O. Norman, Cartographer
James E. Schad, Cartographer

Approved and forwarded:

John D. Perrow, Jr.
Acting Chief
Aerotriangulation Section
Fit to Control
(x, y) feet

- held in adjustment

**STRIP #1**

- 1 No. 97 (cadastral survey) - sub sta (-0.8, +0.1)
- 2 FORT CHRISTIAN FLAGSTAFF, 1900 sub sta (+1.9, -0.2)
- 3 BLUFF, 1918
  - (-2.5, -0.6)
- 4 Panel on Savana Island (+1.4, -0.7)

**STRIP #2**

- 2 FORT CHRISTIAN FLAGSTAFF, 1900 sub sta (+0.4, +0.6)
  - 23801 (-4.6, -3.3)
  - 23602 (-3.7, -1.9)
  - 56801 (-1.5, -1.5)
  - 35801 (+0.3, +0.3)
  - 58801 (+1.9, +1.9)
- 3 BLUFF, 1918
  - (-0.8, -1.1)

**STRIP #3**

- 1 No. 97 (cadastral survey) sub sta (0.0, 0.0)
  - 41802 (+1.7, +0.9)
  - 21801 (0.0, 0.0)
- 2 FORT CHRISTIAN FLAGSTAFF, 1900 sub sta (+3.5, +1.4)
  - 23801 (0.0, 0.0)
  - 23802 (+0.5, +2.5)

**STRIP #4**

- 35801 (-0.2, 0.0)
  - 35802 (-5.7, +2.0)
  - 56801 (-3.8, -0.5)
  - 37801 (+0.5, +0.4)
  - 21801 (-0.5, -0.4)
- 2 FORT CHRISTIAN FLAGSTAFF, 1900 sub sta (+1.5, +0.4)
  - 40801 (-3.5, +0.3)
- No. 97 (cadastral survey) sub sta (+0.2, +0.1)
  - 41801 (+0.9, -1.5)
  - 41802 (+2.2, -0.2)

**STRIP #5**

- 6 BUCK ECC RM, TARGET "A" ON BUCK ISLAND (0.0, 0.0)
  - BUCK, 1918 (Lighthouse)
  - (0.0, +0.2)
- 7 BUCK ECC RM, TARGET "B" ON CAPPELA ISLAND (0.0, 0.0)
STRIP #6

Δ 1 No. 97 (cadastral survey) - sub station ( 0.0 0.0)
Δ 8 BAKE, 1918 sub station ( 0.0 0.0)
Δ 9 MOORE, 1918 sub station ( 0.0 0.0)

STRIP #7

□ 30801 ( 0.0 +2.7)
□ 33802 (+0.8 +1.0)
□ 33801 (-1.7 +0.4)
□ 36801 (-2.5 +0.9)
□ 36802 (-1.6 +2.2)
Δ 9° MOORE, 1918 sub station (+2.3 -2.3)

STRIP #8

□ 79801 (-0.0 0.0)
□ 79802 (-2.5 -0.2)
□ 79803 (+2.3 0.0)
□ 81801 ( 0.0 0.0)
□ 82801 (+2.1 -0.8)
□ 8 BAKE, 1918 sub station ( 0.0 0.0)
□ 84801 (-5.1 -1.7)
□ 84802 ( 0.0 0.0)
□ 84803 (-1.6 -2.1)

STRIP #9

□ 6801 ( 0.0 0.0)
□ 6802 (+1.8 +0.4)
□ 7801 (-0.7 -0.1)
□ 27801 (-0.2 +2.3)
□ 9801 (-1.8 -0.9)
Δ 1 No. 97 (cadastral survey) - sub station ( 0.0 0.0)
□ 10801 (-1.5 +0.9)
□ 10802 (+0.4 +0.3)
□ 21801 ( 0.0 0.0)

STRIP #10

□ 25801 ( 0.0 0.0)
□ 25802 (-0.1 +4.5)
□ 27801 ( 0.0 0.0)
□ 41802 (+2.7 +0.3)
Δ 1 No. 97 (cadastral survey) - sub station ( 0.0 0.0)
# Descriptive Report Control Record

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<tr>
<th>Station Name</th>
<th>Source of Information (Index)</th>
<th>Coordinates in Feet</th>
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<th>Remarks</th>
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<td>PC-33</td>
<td>x=1108562.15</td>
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<td>FLANAGAN, 1918</td>
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<td>EAST END, 1918</td>
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<td>y=189630.59</td>
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<tr>
<td>HAUL, 1918 r 1926</td>
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<td>y=192047.31</td>
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Computation checked by C.H.B., Date: 12/5/75

Listing checked by C.H.B., Date: 12/5/75

Hand plotting checked by C.H.B., Date: 12/5/75

Supersedes NOAA Form 76-41, 2-71 Edition which is obsolete.
COMPILATION REPORT
T-12947

31. **DELINEATION**

1:30,000 scale color photography was set on the B-8 stereoplotter to delineate shoreline and shoreline features. Sufficient pass points were dropped along the shoreline for hydro support. Flanagan Island on the southeast corner of the sheet was delineated graphically from 1:10,000 scale ratio color photographs 71 L 1053 and 1054.

32. **CONTROL**

Horizontal control was adequate for density and placement. Vertical control, no comment. Refer to the Photogrammetric Plot Report bound with this Description Report.

33. **SUPPLEMENTAL DATA**

None

34. **CONTOURS AND DRAINAGE**

Inapplicable.

35. **SHORELINE AND ALONGSHORE DETAIL**

The mean high water line was compiled from 1:30,000 scale color photography set on the B-8 stereoplotter.

36. **OFFSHORE DETAIL**

No comment

37. **LANDMARKS AND AIDS**

None

38. **CONTROL FOR FUTURE SURVEYS**

None
JUNCTIONS

See Form 76-368, Item #5, bound with this Descriptive Report.

HORIZONTAL AND VERTICAL ACCURACY

No comment

41. - 45. Inapplicable

46. COMPARISON WITH EXISTING MAPS

Comparison was made with U.S.G.S. Quadrangle, EASTERN ST. JOHN, V.I., 1:24,000 scale, dated 1958.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Nautical Chart No. 905, scale 1:100,000, 10th edition, dated April 22, 1972.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Respectfully submitted:

C.F. Lewis
Carto. Tech.

Approved:

Jeter P. Battley, Jr.
Chief, Coastal Mapping Section, Rockville
GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6504 St. Thomas-St. John, Virgin Islands

T-12947

Blinders Rocks
Coral Bay
East End Bay
East End Point
Elk Bay
Flanagan Island
Flanagan Passage
Gowed Point
Hansen Bay
Haulover
Haulover Bay
Leduck Island
Limetree Cove
Long Bay
Mennebeck Bay
Moor Point
Newfound Bay
Pelican Rock
Pond Bay
Privateer Bay
Privateer Point
Red Point
Round Bay

St. John
Southside Pond

Approved

Chas. E. Harrington
Staff Geographer-C51x2
<table>
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<tr>
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**CONTROL STATIONS**

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<th>HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY</th>
<th>RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations)</th>
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**BENCHMARKS**

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<th>PHOTOGRAMMETRIC PLOT REPORT</th>
<th>DETAIL POINTS</th>
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**A L O N G S H O R E A R E A S (Nautical Chart Date)**

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<th>SHORELINE</th>
<th>LOW-WATER LINE</th>
<th>ROCKS, SHOALS, ETC.</th>
<th>BRIDGES</th>
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**AIDS TO NAVIGATION**

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<tr>
<th>LANDMARKS</th>
<th>OTHER ALONGSHORE PHYSICAL FEATURES</th>
<th>OTHER ALONGSHORE CULTURAL FEATURES</th>
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**PHYSICAL FEATURES**

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<th>NATURAL GROUND COVER</th>
<th>PLANETARY CONTOURS</th>
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**STEREOSCOPIC INSTRUMENT CONTOURS**

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**CULTURAL FEATURES**

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<tr>
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<th>RAILROADS</th>
<th>OTHER CULTURAL FEATURES</th>
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**BOUNDARIES**

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**MISCELLANEOUS**

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<th>LEGIBILITY OF THE MANUSCRIPT</th>
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**DISCREPANCY OVERLAY**

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<th>FIELD INSPECTION PHOTOGRAPHS</th>
<th>FORMS</th>
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**REVIEWER**

<table>
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<tr>
<th>Charles H. Bishop</th>
<th>May, 1976</th>
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**SUPERVISOR, REVIEW SECTION OR UNIT**

<table>
<thead>
<tr>
<th>Joseph W. Vonasek</th>
</tr>
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</table>

**REMARKS (See attached sheet)**

**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 under item 43.

**COMPILER**

<table>
<thead>
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<th>R.R. White</th>
<th>May, 1976</th>
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**SUPERVISOR**

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**REMARKS**

May, 1976
FIELD EDIT REPORT
Maps T-12946 and T-12947
May 1976

No written report was submitted for the edit done in 1976.

Field edit of these maps was done near low tide (0.3 feet above MLW, predicted) on April 16, 1976 by CDR. Trauschke and Lt. Chelgren of the Ship WHITING. Edit notes were made on color ratio photographs and the Discrepancy Prints with grease pencil. Field edit photographs, one Discrepancy Print each for Maps T-12946 and T-12947, and one Form 76-40, Landmarks for Charts, were delivered to the Special Projects Section, Coastal Mapping Division, AMC by CDR. Trauschke in person on 30 April 1976. At this time, a brief discussion of the field edit ensued. The fact that the MHWL and MLWL are the same or almost the same line was brought out. The notes "Correct as compiled" or "As shown" or other notes with like meaning, applicable to reefs and ledges on the Discrepancy Prints, were verbally amended to mean that the reefs and ledges are there, but are submerged, rather than awash as indicated by the ledge symbol originally mapped.

Charles H. Bishop
Cartographer
20 May 1976
REVIEW REPORT T-12947

SHORELINE

November 19, 1976

61. GENERAL STATEMENT:

See Summary, which is page 6 of this Descriptive Report.

A comparison print showing differences noted in Par. 63 is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with a 1:20,000 scale reduction of 1:10,000 scale Survey T-3783, dated 1918. No significant differences were noted.

In the area compared, T-12947 supersedes T-3783 for nautical chart construction purposes. T-3783 is the latest registered prior survey of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. Quadrangle EASTERN ST. JOHN, V.I., 1:24,000 scale, dated 1958. Significant differences are shown in brown on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

There are no contemporary hydrographic surveys covering the area of this map. No comparison was made.

65. COMPARISON WITH NAUTICAL CHARTS:

A visual comparison was made with Chart 25641, 1:10,000 scale, 14th edition, dated April 24, 1976. No significant differences were noted. The chart scale is too small for adequate comparison.
66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Submitted:

Charles H. Bishop
Cartographer
November 19, 1976

Approved for forwarding:

Joseph W. Vonasek
Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch  Chief, Coastal Mapping Div.
Rocks not visible on photos

Mennebeck Bay

Gowed Pt

Haulover Bay

Limetree Cove

Elk Bay

S

Pier gone

Not visible on photos

Comparison Print

Brown = U.S.G.S.
No bare rock on USGS

Ledgeck Island

COMPARISON PRINT
Brown = U.S.G.S.

ATLANTIC OCEAN

INDEX OF ADJOINING SHEETS
JOB PH-6504

T-12947
1:10,000
Rocks not visible on photos

FLANAGAN ISLAND

FLANAGAN PASSAGE

Y = 180,000 FT

Y = 1,120,000 FT

19° 30"

19°

39°

64° 38' 30"

18° 18' 45"

COMPARISON PRINT

Brown - U.S.G.S.

NATIONAL OCEAN SURVEY
SHORELINE MANUSCRIPT
T-12947
VIRGIN ISLANDS
ST. JOHN

MENNEBECK BAY TO FLANAGAN ISLAND
SCALE 1:10,000
(1 inch = 833.33 ft)
CONTROL DATA
Polyconic projection, Puerto Rican Datum

Nov. 1976
April 1976
July 1976
Nov. 1976

2047
T-12947
National Archives Data

1 Discrepancy Print (Field Edit Sheet)

1 Form C&GS-152 (Control Station Identification)

2 Form 266 (Observation of Sun for Azimuth & Time)