**Form 501**

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

**DESCRIPTIVE REPORT**

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Planimetric</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Field No.</th>
<th>Ph-169</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office No.</td>
<td>T-10541</td>
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**LOCALITY**

<table>
<thead>
<tr>
<th>State</th>
<th>Florida</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>General locality</th>
<th>Cape Canaveral</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Località</th>
<th>Fort Canaveral</th>
</tr>
</thead>
</table>

**1945-56-57**

**CHIEF OF PARTY**

I.R. Rubottom, Chief of Party
L.W. Swanson, Div. of Photo, Wash., D.C.

**LIBRARY & ARCHIVES**

**DATE**
June 24, 1958
DATA RECORD

T-10541

Project No. (II): 251560

Field Office (II): Cocoa, Florida

Photogrammetric Office (III): Officer-in-Charge: L.W. Swanson

Chief of Party: Ira R. Rubottom

Instructions dated (II) (III): 11 February 1957
Amendment 1 (Field) dated 25 February 1957
30 January 1957

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Stereotriangulation and compilation on Stereoplanigraph C-8

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): 1:10,000

Stereotriangulation Inst. scale 1:10,000

Scale Factor (III): 1.0

Date received in Washington Office (IV): Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV): 10 Feb 1958

Publication Scale (IV): Publication date (IV):

Geographic Datum (III): NA 1927

Vertical Datum (III): Mean sea level except as follows:
Elevations shown as (2) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): Porteral 1957

Lat.: 28° 24' 29.091" Adjusted

Long.: 80° 35' 50.555" Unadjusted

Plane Coordinates (IV):

State: Florida Zone: 1 East

x = 629 432.92 feet

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.
Areas contoured by various personnel
(Show name within area)
(II) (III)
DATA RECORD

Field Inspection by (II): J.K. Wilson, Cartographer
Date: Feb. '57

Planetable contouring by (II): Inapplicable
Date:

Completion Surveys by (II):
Date:

Mean High Water Location (III) (State date and method of location): Field Inspection Feb.'57

Projection and Grids ruled by (IV): J. Chaconas
Date: Feb. '57

Projection and Grids checked by (IV): H. Wolfe
Date: Feb. '57

Control plotted by (III): C.E. Cook
Date: March '57

Control checked by (III): K. Maki, M. Keller
Date: March '57

Radial Plot or Stereoscopic
Control extension by (III): C.E. Cook
Date: March '57

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): C.E. Cook
Date: March '57

Photogrammetric Office Review by (III): M. Keller
Date: March '57

Elevations on Manuscript
checked by (II) (III): Inapplicable
Date:
Camera (kind or source) (III): Wild Aviogon

Number
56 W 3575 thru 3598

Date
19 Oct. 1956

PHOTOGRAPHS (III)

Time
0820-0829

Scale
1:15000

Stage of Tide
+3.8 above MLW

Tide (III)
Reference Station: Miami, Harbor Entrance
Subordinate Station: Cape Canaveral

Washington Office Review by (IV): Strickler
Final Drafting by (IV): DeBoer
Drafting verified for reproduction by (IV): Keal
Proof Edit by (IV):

Lend Area (Sq. Statute Miles) (III): 5
Shoreline (More than 200 meters to opposite shore) (III):
Shoreline (Less than 200 meters to opposite shore) (III):
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 16
Number of BMs searched for (II):
Number of Recoverable Photo Stations established (III):
Number of Temporary Photo Hydro Stations established (III):

Remarks:

Date: April 1957
Date: January 1958
Date: January 1958

Ratio of Ranges

2.5
3.0

Mean Range

3.5
4.1

Spring Range

Date: April 1957
Date: January 1958
Date: January 1958

Recovered: 14
Recovered: 2
Identified: 9
Identified: 1
<table>
<thead>
<tr>
<th>SHEET NO.</th>
<th>LIN.MT.</th>
<th>AREA SQ.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10541</td>
<td>10</td>
<td>5</td>
</tr>
</tbody>
</table>

**TOTALS**

<table>
<thead>
<tr>
<th>LIN.MT.</th>
<th>AREA SQ.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>5</td>
</tr>
</tbody>
</table>
PHOTOGRAMMETRIC PLOT REPORT
T-10541

21. Area covered
Canveral Harbor, Florida, sheet T-10541

22. Method

One strip of photography, photos 56W-3576 thru 3585, was bridged
and adjusted mathematically. Pass points were left to control the side flight
and cross flight. Adjusted positions for pass points were plotted by use of
the coordinatograph.

23. Adequacy of control

Triangulation station Rqrea, 1956 was incorrectly identified on
the photography and the sketch on the CSI card was incorrect. By inspection
of the stereo model the described position was identified and used in the
bridge. Control was considered to be adequate.

24. Supplemental data

Inapplicable

25. Photography

Photography was very well placed for coverage of this narrow strip
of land, especially for use with stereoplotting instruments.

Submitted:
C.E. Cook

Approved:
M. Keller

C.E. Cook
31. Delineation
   The stereoplanigraph was used because of the extensive water areas.

32. Control
   See Photogrammetric Plot Report

33. Supplemental data
   Inapplicable

34. Contours and drainage
   Inapplicable

35. Shoreline and alongshore detail
   Field inspection data was used in all instances where available to delineate shoreline and alongshore details. Any areas marked on the photographs as undergoing development were delineated as of the date of photography.

36. Offshore details
   Inapplicable

37. Landmarks and aids
   Six channel marker buoys were located by office inspection and labeled "Buoy".
   See Form 567, a part of this report, for fixed aid to navigation Canaveral Harbor Light 10.

38. Control for future surveys
   Three Form 524 cards have been submitted. Two are azimuth mark stations and the third is a tidal bench mark.

39. Junctions
   Inapplicable

40. Horizontal and vertical accuracy
   See Photogrammetric Plot Report, paragraph No. 23
46. **Comparison with existing maps**

AMS Cape Canaveral, Florida 1:25,000, 1949
USGS Cape Canaveral, Florida 1:24,000, 1949
T-300 1:20,000, 1850
T-1450a 1:20,000, 1877
T-4442a 1:20,000, 1929
T-4442b 1:20,000, 1929
T-9174 1:20,000, 1948-1949

47. **Comparison with nautical charts**

Chart 1245, 1:80,000 1931, corrected to January 1957
"Items to be Applied to Nautical Charts Immediately:" None

As noted in paragraph No. 35 the field inspector indicated where changes were being planned or were underway, but did not furnish specific detail. Development was underway in the area of the Turning Basin.

48. **Geographic name list**

See separate list attached to this report.

Submitted:
C.E. Cook

Approved:
M. Keller

M. Keller
49. Notes for the hydrographer

The following recoverable topographic stations are shown on the map manuscript:
View Azimuth Mark (1929) 1957
Artesia Azimuth Mark (1953) 1957
TBM No. 2 (1956) 1957
PHOTOGRAMMETRIC OFFICE REVIEW

1. Projection and grids  
2. Title  
3. Manuscript numbers  
4. Manuscript size  

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy  
6. Recoverable horizontal stations of less than third-order accuracy (topographic stations)  
7. Photo hydro stations  
8. Bench marks  
9. Plotting of sextant fixes  
10. Photogrammetric plot report  
11. Detail points  

ALONGSHORE AREAS  
(Nautical Chart Data)

12. Shoreline  
13. Low-water line  
14. Rocks, shoals, etc.  
15. Bridges  
16. Alids to navigation  
17. Landmarks  
18. Other alongshore physical features  
19. Other alongshore cultural features  

PHYSICAL FEATURES

20. Water features  
21. Natural ground cover  
22. Planetary contours  
23. Stereoscopic instrument contours  
24. Contours in general  
25. Spot elevations  
26. Other physical features  

CULTURAL FEATURES

27. Roads  
28. Buildings  
29. Railroads  
30. Other cultural features  

BOUNDARIES

31. Boundary lines  
32. Public land lines  

MISCELLANEOUS

33. Geographic names  
34. Junctions  
35. Legibility of the manuscript  
36. Discrepancy overlay  
37. Descriptive Report  
38. Field inspection photographs  
39. Forms

Reviewer: M. Miller  
Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. 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  
Supervisor

43. Remarks: M-2623-12
TO BE CHARTED  STRIKE OUT ONE
TO BE DELETED

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.

The positions given have been checked after listing by C.E. Cook

L.W. Swanson  Chief of Party

<table>
<thead>
<tr>
<th>STATE</th>
<th>Florida</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>CASHAVER HARBOUR LIGHT 10</td>
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</tr>
<tr>
<td></td>
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<tr>
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<td></td>
</tr>
</tbody>
</table>

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.
# NONFLOATING AIDS OR LANDMARKS FOR CHARTS

**Cocoa, Florida** 22 February, 1957

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be shown on the charts indicated.

The positions given have been checked after listing by **Matthew A. Stewart**

<table>
<thead>
<tr>
<th>State</th>
<th>Florida</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Charting Name</th>
<th>Description</th>
<th>Signal Name</th>
<th>Latitudes</th>
<th>Longitudes</th>
<th>Datum</th>
<th>Method of Location and Survey No.</th>
<th>Date of Location</th>
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<tbody>
<tr>
<td>BARGE CANAL DAYBEACH 15</td>
<td></td>
<td></td>
<td>28 246</td>
<td>80 374</td>
<td>1957</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids to navigation*, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS
T-10541

Geographic Names.

/Atlantic Ocean/

/Canaveral River/

/Canaveral Bight/

/Canaveral Harbor/ (for moment it apparently includes the entrance channel and a small turning basin at its west end—see latest charts 1245, 1246).

/Canaveral Peninsula/

/Florida/

/Long Point/

/Fort Canaveral/ (this is name of village on south side of harbor. It replaces the former name of Artesia)

/Turning Basin/

Names approved 3-6-57.

L. Heck

The names Canaveral Harbor (village) near north edge of sheet is to be deleted, as well as Pelican Banks, Moore Point and Artesia P.O.
T-10541
Atlantic Ocean

Banana River

Canaveral Bight
Canaveral Harbor (for moment it apparently includes the entrance channel and a small turning basin at its west end—see latest charts 1245, 1246).

Canaveral Peninsula

Florida

Long Point

Fort Canaveral (this is name of village on south side of harbor. It replaces the former name of Artesia)

Turning Basin

Names approved 3-6-57.

The name Canaveral Harbor (village) near north edge of sheet is to be deleted, as well as Pelican Banks, Moore Point and Artesia P.O.
Review Report of Planimetric Map T-10541
April 1957

62. Comparison with Registered Topographic Surveys:

T-300 1:20000 1850
T-1450a 1:20000 1877
T-4422a and b 1:20000 1929
T-9174 1:20000 1948-49

63. Comparison with Maps of Other Agencies:

Cape Canaveral, Florida AMS 1:25000 1949
Cape Canaveral, Florida U.S.G.S. 1:24000 1949
Extensive changes as a result of the construction of Canaveral Harbor and Turning Basin south of Cape Canaveral have made the above listed Quadrangles obsolete.

64. Comparison with Contemporary Hydrographic Surveys:

H-8340 1:10000 1956, 1957
T-10541 furnished shoreline along the Atlantic Coast and entrance to Canaveral Harbor prior to Review. This information has remained unchanged.

Nautical Charts:

65. Comparison with Contemporary Hydrographic Surveys:

1245 1:80000 1931 corrected to 1/28 1957
The revised nautical chart shows the newly constructed Canaveral Harbor, Turning Basin and related changes.

66. Adequacy of Results and Future Surveys:

Adequate photographic coverage, control and field inspection enabled accurate delineation of all detailing.

APPROVED:  

[Signatures]

Reviewed by:

[Signatures]

Chief, Review and Drafting Section, Photogrammetry Division

Chief, Photogrammetry Division

Chief, Nautical Chart Branch

Chief, Coastal Surveys
Summary

to accompany Planimetric Map T-10541

This is the only map of Project 495-320 and covers a 3 3/4 minute quadrangle at scale of 1:10000 south of Cape Canaveral, Florida. The construction of Canaveral Harbor and Turning Basin necessitated the revision of nautical charts. Single lens photograpy was accomplished in October 1956 and field inspection in February 1957. Shoreline information was furnished from compilation T-10541 for hydrographic survey No. 8340 (1:10000), since then completed. The subject manuscript as such is correct only as of the time of field inspection (February 1957). The field inspector noted the fact that work was yet in process and blueprints from the Corps of Engineers, U.S. Army, indicate that further construction may be anticipated.

18 April 1957

Josef J. Streifler
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR *, COORDINATE</th>
<th>LONGITUDE OR *, COORDINATE</th>
<th>ZONE 3</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
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<td>BAREA, 1956</td>
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<td>1494719.04</td>
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<td>PAREA, 1956</td>
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<td>PRANK (AFMTC)</td>
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<td>1486130.53</td>
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<td>EAREA, 1956</td>
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<td>PORT CANAVERAL LIGHTHOUSE 10A</td>
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<td>1927</td>
<td>1489201.91</td>
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<td>1491527.96</td>
<td>629461.23</td>
<td></td>
<td>Good within 1 foot</td>
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<td>GUARD, 1950</td>
<td></td>
<td>1927</td>
<td>1491673.46</td>
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<td>ARTESIA CAMERA PAD E, 1954</td>
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<td>1927</td>
<td>1485942.67</td>
<td>634449.30</td>
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<td>ARTESIA CAMERA PAD W, 1954</td>
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<tr>
<td>PORTERAL, 1957</td>
<td>*</td>
<td>1927</td>
<td>1481224.12</td>
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<td>Sub Station SUBS, 1957</td>
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<td>1481231.96</td>
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<td>DATUM</td>
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<td>LONGITUDE OR x-COORDINATE</td>
<td>DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS</td>
<td>DATUM CONNECTION</td>
<td>N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</td>
<td>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</td>
</tr>
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<tr>
<td>Cocoa Beach 1956</td>
<td>*</td>
<td>1927</td>
<td>146061.13'</td>
<td>626770.20'</td>
<td></td>
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<tr>
<td>Substation Cocoa Beach 1956</td>
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<td></td>
<td>146059.34'</td>
<td>626749.67'</td>
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<tr>
<td>View 1929</td>
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<td></td>
<td>1475986.12'</td>
<td>629795.71'</td>
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<td>Substation View 1929</td>
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<td>1476027.43'</td>
<td>629804.31'</td>
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<tr>
<td>Lee (P.A.A.) 1955</td>
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<td>637539.71'</td>
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<tr>
<td>Lee Azimuth 1955</td>
<td>&quot;</td>
<td></td>
<td>1491779.57'</td>
<td>638813.37'</td>
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<td>1491663.86'</td>
<td>638830.71'</td>
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<tr>
<td>Artesia 1953</td>
<td>&quot;</td>
<td></td>
<td>1485913.59'</td>
<td>634391.20'</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cape Canaveral Light House Center</td>
<td></td>
<td></td>
<td>1500188.50'</td>
<td>646622.07'</td>
<td>Good within 1 foot</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* are unadjusted field positions. Adjusted field position should not change by more than two feet.

1 ft. = 3048006 meter

Computed by: __________________________ Date: ________________________ Checked by: ________________________ Date: ________________________
Joseph K. Wilson, Cartographer  

Date: February 1957

Planetable contouring by (II): **Inapplicable**

Completion Surveys by (II):  

Date:

Mean High Water Location (III) (State date and method of location):

Projection and Grids ruled by (IV):  

Date:

Projection and Grids checked by (IV):  

Date:

Control plotted by (III):  

Date:

Control checked by (III):  

Date:

Radial Plot or Stereoscopic Control extension by (III):  

Date:

Stereoscopic Instrument compilation (III):  

Planimetry  

Date:

Contours  

Date:

Manuscript delineated by (III):  

Date:

Photogrammetric Office Review by (III):  

Date:

Elevations on Manuscript checked by (II) (III):  

Date:
DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III):

PHOTOGRAPHS (III)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
</table>

Tide (III)

Reference Station:
Subordinate Station:
Subordinate Station:

Washington Office Review by (IV):

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III):
Shoreline (More than 200 meters to opposite shore) (III):
Shoreline (Less than 200 meters to opposite shore) (III):
Control Leveling - Miles (II): None

Number of Triangulation Stations searched for (II): 16 Recovered: 14 Identified: 9
Number of BMs searched for (II): 2 Recovered: 2 Identified: 1

Number of Recoverable Photo Stations established (III):
Number of Temporary Photo Hydro Stations established (III):

Remarks:

[Signatures and dates]

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

[Form 181c (4-23-54)]

comer dc: 57842
2. AREAL FIELD INSPECTION

This report is submitted for one 3-3/4 minute planimetric map. The map covers a survey centered around Canaveral Harbor in Brevard County, Florida.

The north half of this map is owned by the U.S. Government, while the portion south of Canaveral Harbor is owned by private interests. The entire section was under construction during the field inspection. The government property is being enlarged; houses were being moved and land cleared etc. It will eventually include all land area north of Canaveral Harbor.

Canaveral Harbor was also under construction. Dredging operations were in progress and the entire area being changed. Plans for the development of buildings and harbor were secured from the U.S. Engineers Office. They are submitted with the data for this sheet. The contracts have been let and the work is in progress.

The south portion of the map embraces a residential area which will probably grow rapidly.

The 1956 photographs were of good quality and were easily interpreted.

3. HORIZONTAL CONTROL

All horizontal control stations, within the mapping limits, were searched for and are reported on form 526 with the exception of stations TIDE, 1929 and HOW, 1929. These two stations are houses which were reported destroyed by George E. Morris Jr. in 1948.

All horizontal control stations, as indicated on a special horizontal control diagram prepared by Washington, were recovered and identified with the following exceptions and additions; Stations MIDWAY, 1929, LUCKY, 1939 and BEACHY, 1929 were not searched for as the Geodetic Party had established a new station COCOA BEACH, 1956 in the vicinity. This new station was identified instead of LUCKY, 1939.

Station HARBOR, 1934 was not recovered. The area was visited on two different occasions and it was not found. The station is believed to be intact, but covered by drifting sand or underbrush.

Station PORTERAL, 1957 is a new station recently established by the Geodetic Party. A substitute point for this station was identified in such manner as to control the western flight of photographs. This point is in the area where the special control diagram requested a new station if not too
difficult. Another new station would have been most difficult. Station PORT CANAVERAL LIGHTHOUSE 10A is a new station which was recently established by the Geodetic Party. It was identified by the direct method.

Station ARTESIA R.M. No. 3, 1953 is destroyed.

The Geodetic Party has erected 20 and 30 foot stands over many of their 1956 and 1957 stations, therefore making it possible to identify these stations by the direct method. No supplemental control was established.

There were no stations, recovered within the map limits, which were established by other agencies.

4. VERTICAL CONTROL

Two tidal bench marks were recovered and reported on form 685. One of these bench marks was identified on the photograph.

5. CONTOURING AND DRAINAGE

The contouring is inapplicable.
The drainage was delineated in accordance with instructions.

6. WOODLAND COVER

The cover was classified in accordance with the Topographic Manual. The vegetation is scrub oak and palmetto with scattered palm in the low areas.

7. SHORELINE AND ALONGSHORE FEATURES

The mean high-water line along the ocean beach was determined by measurements from identifiable features on the photographs. The mean high-water line along the river shore was determined from visual inspection.

The approximate low-water line has been delineated along the ocean beach in numerous areas. Also an approximate low-water line has been shown along the river shore in a few places.

The foreshore is composed of mud and shell along the river. There are no bluffs or cliffs, however the ocean beach is steeply sloping in some areas. The beach is capable of carrying light vehicular traffic at low tide.

Piers, docks etc. within the government reservation have been abandoned, therefore most of these features are shown in ruins.

Two submarine cables (one power and one communication) cross Canaveral Harbor. The shore ends are shown on the photograph.

8. OFFSHORE FEATURES

A few piling have been noted in the Banana River. No
other offshore features were noted.

9. LANDMARKS AND AIDS

There are no nautical or interior landmarks recommended. There are no aeronautical aids.

Form 567 is submitted for one light and one daybeacon. The light was located by triangulation in 1957 by the Geodetic Party. The daybeacon was destroyed by dredging and will probably be replaced.

10. BOUNDARIES, MONUMENTS AND LINES

As was stated in paragraph 2, the northern half of the map is a part of the Cape Canaveral Auxilliary Air Force property. The southern boundary of this property will be moved very soon according to officials at the Patrick Air Force Base, and will extend south to Canaveral Harbor. Both the present south limits are shown on the photographs. Buildings were being moved during this inspection and it is recommended that the most southern limits be shown. See photograph 56-W-3582.

Another small area, owned by the government, is located on the south side of Canaveral Harbor. It is known as Canaveral Terminal Unit of Patrick Air Force Base. The limits are shown on photograph 56-W-3581.

No maps or plats are submitted for these areas. They were delineated with the aid of authorities at the Patrick Air Force Base.

Field inspection of land lines was inapplicable.

11. OTHER CONTROL

There were no topographic stations or photo-hydro control established.

Two azimuth marks were located by photogrammetric methods. Form M-2226-12 is submitted for each.

12. OTHER INTERIOR FEATURES

There are no bridges, overhead cables, airports or landing fields within the limits of this map.

The field inspection of roads, houses and cultural features were done in accordance with project instructions. There are no roads with state or federal numbers within the limits of this map.

13. GEOGRAPHIC NAMES

Since Canaveral Harbor has been constructed, a number of names have been affected. They are discussed in the following paragraphs:
CANAVERAL HARBOR
This is the name for the harbor at the south end of the government reservation. It is well known and recommended.

PORT CANAVERAL
This is a new name for the settlement on the south side of Canaveral Harbor. It replaces the name ARTESIA. The post office name has recently been changed to PORT CANAVERAL. The new name is recommended.

MOORE POINT and PELICAN BANKS
These names are recommended for deletion. The land area has been changed and the names no longer apply.

Several people were consulted about geographic names in this area, but for any further future information consult the Postmaster at Port Canaveral, Florida. She is a long-time resident of this area.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Two U.S. Engineers plots of Canaveral Harbor are submitted to assist in the compilation.
Transmittal of forms 526 and 685 to Division of Geodesy, dated 1 March 1957.

Submitted by:
26 February 1957
Joseph K. Wilson
Joseph K. Wilson
Cartographer

Ira R. Rubottom
Chief, Photogrammetric Party 1
NOTES TO COMPILER
T-10541

Since this area is changing so rapidly at this time, both Comdr. Tison and the writer feel that much of the map data will become obsolete in the near future. Comdr. Tison has offered to assist the Division of Photogrammetry in supplying up-to-date material. He also has suggested that Pan American Airways fly new photographs of this area about once a month and that he could supply the office with these photographs.

It is believed that positions of three new stations, established by Lt. Nygren, have been forwarded to Washington. However, listed below are positions as copied by the writer from Lt. Nygren's records:

<table>
<thead>
<tr>
<th>Station</th>
<th>Lat.</th>
<th>Long.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocoa Beach, 1956</td>
<td>28-21-03.589</td>
<td>80-36-21.133</td>
</tr>
<tr>
<td>Port royal, 1957</td>
<td>28-24-29.0906</td>
<td>80-35-50.552</td>
</tr>
<tr>
<td>Port Canaveral L.H. 10A</td>
<td>28-24-37.147</td>
<td>80-35-28.98</td>
</tr>
</tbody>
</table>

Joseph K. Wilson
Cartographer