ORIGINAL

TP- 00014

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of Survey ..SHORELINE.....

Job No. ...PH-6912..... *Map No.* TP-00014...

Classification No. *Edition No.* ....1.....

Field Edited Map

LOCALITY

State .....FLORIDA.....

General Locality .....ESTERO BAY.....

Locality ...MATANZAS PASS.....

.....

19 69 TO 19 70

REGISTRY IN ARCHIVES

DATE .....

☆ U.S. GOVERNMENT PRINTING OFFICE: 1972-761-152

TP- 00014

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR

TO REGISTRATION

NOAA FORM 76-36A (3-72) — U. S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY: [X] ORIGINAL [ ] RESURVEY [ ] REVISED

SURVEY TP- 00014

MAP EDITION NO. (1)

MAP CLASS Final (F.E.)

JOB PH- 6912

PHOTOGRAMMETRIC OFFICE: Coastal Mapping Division (Norfolk)

OFFICER-IN-CHARGE: JEFFREY G. CARLEN

LAST PRECEEDING MAP EDITION

TYPE OF SURVEY: [ ] ORIGINAL [ ] RESURVEY [ ] REVISED

JOB PH-

MAP CLASS

SURVEY DATES: 19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE	2. FIELD
June 13, 1969 June 24, 1969 Aug. 8, 1969 Sep. 8, 1969 Oct. 21, 1969	April 28, 1969 March 11, 1970

II. DATUMS

1. HORIZONTAL: [X] 1927 NORTH AMERICAN — OTHER (Specify)

2. VERTICAL: [X] MEAN HIGH-WATER [X] MEAN LOW-WATER [ ] MEAN LOWER LOW-WATER [ ] MEAN SEA LEVEL — OTHER (Specify)

3. MAP PROJECTION: Polyconic

4. GRID(S): STATE: Florida; ZONE: West

5. SCALE: 1:10,000 — STATE: ; ZONE:

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION	BY	Robert Kelly	Aug 1969
METHOD: Analytic	LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS	PLOTTED BY		
METHOD: Coradomat	CHECKED BY		
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	L.O. Neterer, Jr.	Jan 1970
	CHECKED BY	A. L. Shands	Jan 1970
INSTRUMENT: Wild B-8	CONTOURS BY	N.A.	
SCALE: 1:20,000	CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	L.O. Neterer, Jr.	Jan 1970
	CHECKED BY	R.J. Pate	Feb 1970
METHOD: Smooth-ink drafting	CONTOURS BY	N.A.	
	CHECKED BY	N.A.	
SCALE: 1:10,000	HYDRO SUPPORT DATA BY	L. O. Neterer, Jr.	Jan 1970
	CHECKED BY	R. J. Pate	Feb 1970
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	R. J. Pate	Feb 1970
6. APPLICATION OF FIELD EDIT DATA	BY	A. L. Shands, J. Desch	10/71; 5/75
	CHECKED BY		
7. COMPILATION SECTION REVIEW	BY	R. J. Pate	Feb 1970
8. FINAL REVIEW	BY	B. Barnes	Jun 1975
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY		
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	N Francis	9/24/75

NOAA FORM 76-36A — SUPERSEDES FORM C&GS 161 SERIES

* U.S. G.P.O. 1972-769382/582 REG.#6

NOAA FORM 76-36B
(3-72)

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

TP-00014

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S): Wild RC-8 "L"

TIDE STAGE REFERENCE: St. Petersburg, Fla.
- ☐ PREDICTED TIDES (Carlos Point)
- ☐ REFERENCE STATION RECORDS
- ☐ TIDE CONTROLLED PHOTOGRAPHY

TYPES OF PHOTOGRAPHY LEGEND
- (C) COLOR
- (P) PANCHROMATIC
- (I) INFRARED

TIME REFERENCE
ZONE: Eastern — ☒ STANDARD ☐ DAYLIGHT
MERIDIAN: 75th

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
69-L-(c)-9478 thru 9481	June 4, 69	0800	1:40,000	1.8 ft above MLW
69-L-(C)-9239 thru 9244	May 31, 69	0821	1:20,000	1.3 ft above MLW
69-L-(I)-9265R thru 9270R	May 31,69	1541	1:20,000	1.1 ft above MLW

REMARKS: All photo time has been converted from Eastern Daylight Time to Eastern Standard Time.

2. SOURCE OF MEAN HIGH-WATER LINE:

Photographs dated June 4, 1969 and field edit photos taken May 31, 1969.

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

None compiled.

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

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

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
No survey	TP-00015	No survey	No survey

REMARKS

NOAA FORM 76-36C
(3-72)

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

TP-00014

HISTORY OF FIELD OPERATIONS

I. [X] FIELD INSPECTION OPERATION [ ] FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		W. H. Shearouse	May 1969
2. HORIZONTAL CONTROL	RECOVERED BY	W.H. Shearouse	May 1969
	ESTABLISHED BY	Carl Johnson & Assoc(Private)	6/67
	PRE-MARKED OR IDENTIFIED BY	W. H. Shearouse	May 1969
3. VERTICAL CONTROL	RECOVERED BY	N.A.	
	ESTABLISHED BY	N.A.	
	PRE-MARKED OR IDENTIFIED BY	N.A.	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED *(Triangulation Stations)* BY	N.A.	
	LOCATED *(Field Methods)* BY	N.A.	
	IDENTIFIED BY	N.A.	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION: [ ] COMPLETE [ ] SPECIFIC NAMES ONLY [X] NO INVESTIGATION — BY	N.A.	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	N.A.	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME
691(C)9480	FMEBH-7, RM 1 reset

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS *(Clarification of details)*

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME

PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: [ ] REPORT [X] NONE

6. BOUNDARY AND LIMITS: [ ] REPORT [X] NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

C&GS 152 Control Station Identification Card

* U. S. GOVERNMENT PRINTING OFFICE: 1973--768074/1057 REGION NO. 6

NOAA FORM 76-36C
(3-72)

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

TP-00014

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		Joseph K. Wilson	Sept. 1970
2. HORIZONTAL CONTROL	RECOVERED BY	Richard E. Kesselring	Sept. 1970
	ESTABLISHED BY	N.A.	
	PRE-MARKED OR IDENTIFIED BY	N.A.	
3. VERTICAL CONTROL	RECOVERED BY	N.A.	
	ESTABLISHED BY	N.A.	
	PRE-MARKED OR IDENTIFIED BY	N.A.	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED *(Triangulation Stations)* BY	N.A.	
	LOCATED *(Field Methods)* BY	Richard E. Kesselring	Sept. 1970
	IDENTIFIED BY	N.A.	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION — BY		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	Richard E. Kesselring	Sept. 1970
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED: N.A.

2. VERTICAL CONTROL IDENTIFIED: NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS *(Clarification of details)*

69L(c) 9239 thru 9244

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

NA

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE

6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS: Film ozalid containing positions of privately maintained channel markers, Estero Pass Channel Light 2, 7, and 9, piling and wrecks.

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

1 Field edit ozalid (paper)
2 Form 567
34 Form 152
13 Miscellaneous sketches
1 Field edit report
4 Form 744B
2 Sheets field computations

NOAA FORM 76-36C
(3-72)

*U.S. GOVERNMENT PRINTING OFFICE: 1974 - 768-078

NOAA FORM 76-36D
(3-72)

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

TP-00014

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	Feb 1970	Class III Manuscript Superseded	Feb 1970	Feb 1970
Field edit applied compilation complete	Oct 1971	Class I Manuscript Superseded		
Final Review	Jun 1975		Sept. 1975	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

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

III. FEDERAL RECORDS CENTER DATA

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

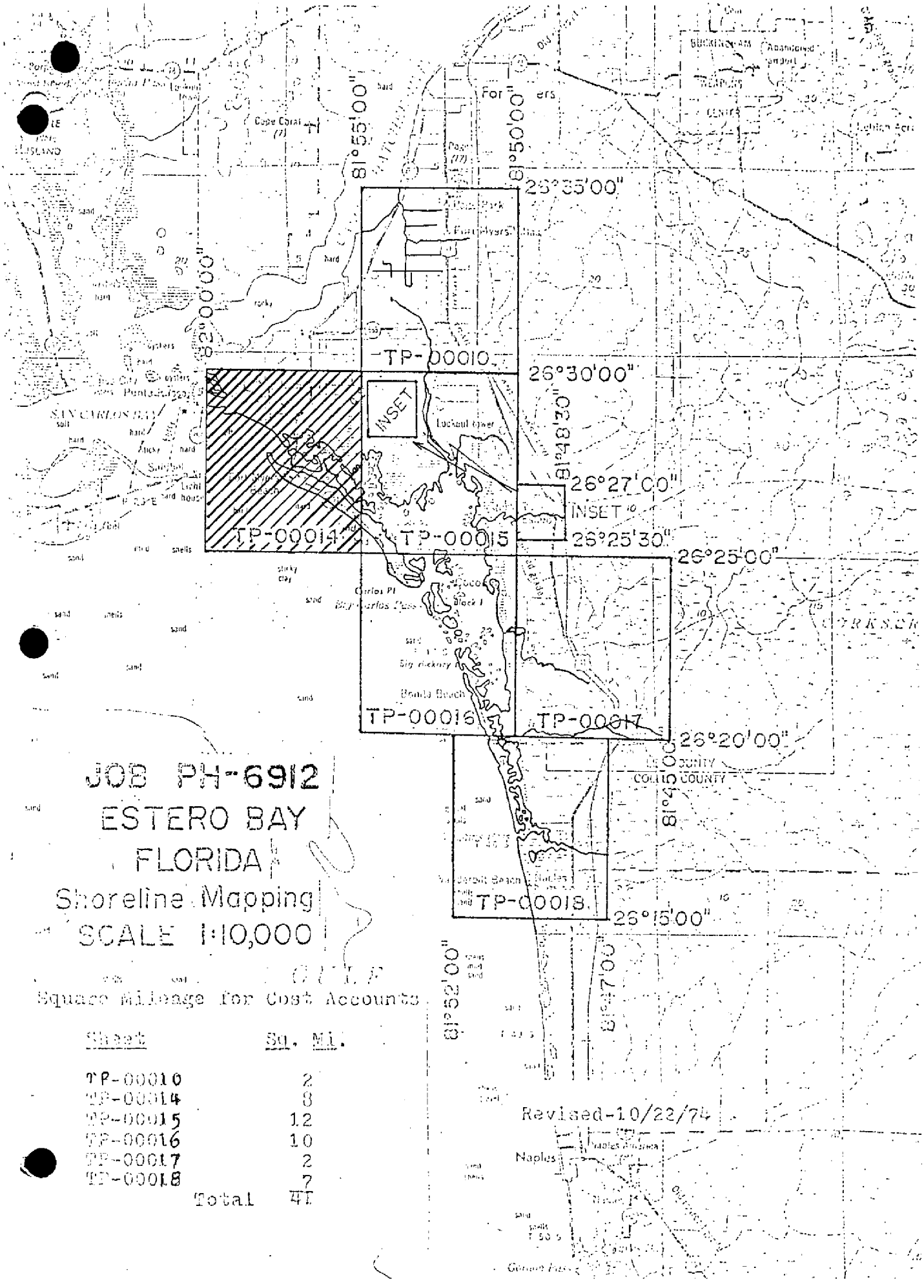
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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

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

NOAA FORM 76-36D

★U. S. GOVERNMENT PRINTING OFFICE: 1973--778075/1077 REGION NO. 6



JOB PH-6912
ESTERO BAY
FLORIDA
Shoreline Mapping
SCALE 1:10,000

Square Mileage for Cost Accounts

Sheet	Sq. Mi.
TP-00010	2
TP-00014	8
TP-00015	12
TP-00016	10
TP-00017	2
TP-00018	7
Total	41

Revised-10/22/74

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT TP-00014

This 1:10,000 scale shoreline manuscript is one of six maps which comprise Project PH-6912, Estero Bay, Florida. The job diagram shows its location in the project.

The field work done prior to compilation consisted of premarking horizontal control that was required for bridging.

Bridging was done in the Rockville office by analytical methods in August 1969 using 1:40,000 scale color photography dated June 1969. A marked station on Estero Island (FMBBH-7, RM 1, RESET, 1967) was used by the Bridging Section as a third order station.

Compilation was done at the Atlantic Marine Center in January 1970 using the Wild B-8 Plotter with 1:40,000 scale color photography dated June 1969. Station FMBBH-7, RM 1, RESET, 1967 was compiled with a 2.5 mm. circle since its position was established and computed by a private surveyor and therefore cannot be shown as third order.

Field edit was done in September 1970. Much of the field edit was considered superfluous and was not applied by the compilation section. The final reviewer applied several items of field edit that had been omitted.

Final review was done at the Atlantic Marine Center in June 1975.

The original manuscript was a stabilene sheet 5 minutes in latitude and 5 minutes in longitude.

A stable base copy and a negative of the final reviewed manuscript were forwarded for record and registry.

FIELD INSPECTION

TP-00014

There was no field inspection prior to compilation.

Photogrammetric Plot Report

Estero Bay, Florida

Job PH-6912

August, 1969

21. Area Covered

This report covers T-sheets TP-00010, TP-00014 through TP-00018 of Estero Bay, Florida.

22. Method

Two bridges were run to provide horizontal control for graphic compilation. The C-8 and C-5 were used for instrumentation. Photographs 69-L(C)-9478 through 9487 and 9493 through 9503 were used in the bridging. In the adjustment of Strip 1 on the IBM 1620, 5 field identified control stations and 12 vertical control points were used. Strip 2 adjustment on the IBM 1620 used 4 field identified control stations and 12 vertical control points.

23. Adequacy of Control

The horizontal control provided, complied with the instructions and was adequate except for Estero Bay North Base. It is believed that Estero Bay North Base was misread in Strip 1 since it held in Strip 2.

All other control held well within the accuracy required by National Standards of Map Accuracy at 1:10,000 scale.

24. Supplemental Data

None

25. Photography

Photography was adequate as to coverage overlay and definition. The 1:20,000 scale color and infrared photography were ratioed for compilation.

Submitted by,

Robert B. Kelly

Approved by,

Henry P. Eichert
Chief, Aerotriangulation Section

NOAA FORM 76-41
(6-75)

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY
TP-00014	PH-6912	N.A. 1927	Coastal Mapping Div., AMC

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Florida ZONE West	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	REMARKS
ARCH 1928	G.P.Page 312 P.C.Page 24		x= 515,201.37 y= 772,260.40	ϕ 26° 27' 30.114" λ 81° 57' 12.733"	
FORT MYERS BEACH MUNICIPAL WATER TANK, 1955	G.P.Page 982 PC. Page 100	81100	x= 521,446.45 y= 767, 231.48	ϕ 26° 26' 40.277" λ 81° 56' 04.044"	
FMBBH-7, RM1, RESET C. of E. 1967	Private Source	80100	x= 510,766.93 y= 744,092.34	ϕ λ	
			x= y=	ϕ λ	
			x= y=	ϕ λ	
			x= y=	ϕ λ	
			x= y=	ϕ λ	
			x= y=	ϕ λ	
			x= y=	ϕ λ	
			x= y=	ϕ λ	

COMPUTED BY	DATE	COMPUTATION CHECKED BY	DATE
A. C. RAUCK, JR.	9/4/69	BILLY H. BARNES	6/12/75
LISTED BY	DATE	LISTING CHECKED BY	DATE
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

COMPILATION REPORT

TP-00014

Project PH-6912

GENERAL STATEMENT:

Due to a malfunction of the camera, there were no fiducial marks on the bridging plates, the 1:20,000 scale hydro support photography or the 1:20,000 scale infrared photographs. Centers were put on the hydro support and infrared ratios, using a template. The accuracy of this method is questionable.

The centers are shown on both the photographs and the manuscript with broken circles and are considered approximate. No points should be located on the manuscript by the radial line method using these centers, nor should the centers be used for radially locating signals in the field.

COMPILATION REPORT

TP-00014

PH6912

31. DELINEATION

The Wild B-8 was used to drop common points from the color 1:40,000 scale photography to the 1:20,000 scale color and infrared photography. The 1:20,000 scale color photography was used to supplement the instrument compilation.

32. CONTROL

See Photogrammetric Plot Report dated August 1969.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable. Drainage was delineated from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

All shoreline and alongshore details were delineated from office interpretation of the photographs.

36. OFFSHORE DETAILS

None

37. LANDMARKS AND AIDS

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

A satisfactory junction was made with TP-00015.to the east. There are no contemporary surveys to the south, west and north.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement

41. FIELD EDIT

Field edit was adequate. All questions asked were answered. Measurements were given to the MHWL from identified points along the shoreline.

42 - 45 NO ADDITIONAL ITEMS

46. COMPARISON WITH EXISTING MAPS

A favorable comparison was made with U.S.C.&G.S. CHART FORT MYERS to CHARLOTTE HARBOR AND WIGGINS PASS FLORIDA, Seventh Edition, October 1969, scale 1:40,000.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted:

Lowell O. Neterer, Jr.
Cartographic Technician
Jan. 28, 1970

Approved:

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

16 July 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6912 (Florida)

TP-00014

Bunche Beach

Connie Mack Island

Estero Island

Estero Pass

Fort Myers Beach

Gulf of Mexico

Hell Peckney Bay

Hurricane Bay

Julies Island

Matanzas Pass

Pelican Bay

Port Comfort

Punta Rassa Cove

San Carlos Bay

San Carlos Island

Approved by:

Chas. E. Harrington

Staff Geographer-C51x2

JOB PH-6912
ESTERO BAY,FLORIDA

T-Sheets: TP-000009,TP-00010,TP-00014 thru TP-00018

49- NOTES FOR THE HYDROGRAPHER AND FIELD EDITOR.

This special note is called to your attention. It concerns the absence of fiducial marks at the sides and corners of the infrared and color ratios submitted for your use.

The following ratios do not have fiducial marks,therefore their centers are shown by a double dashed circle. These ratios shall not be used to radially intersect positions of hydrographic signals.Pass points along the shoreline have been spaced closer than usual in order that you may by direct careful pricking, locate signals if required.

COLOR	INFRARED
69L(c)-9338 thru 9371	69L-9264R thru 9284R 69L-9296R " 9312R 69L-9314R " 9329R

REPEAT: DO NOT USE THE ABOVE LISTED RATIOS FOR RADIAL LOCATION OF SIGNALS.

The following listed color ratios: 69L(c)-9238 thru 9259,do have double solid centers fixed by fiducial marks, are specially processed, and may be used for radial intersection of signals.

NOAA FORM 75-74
(2-74)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL OCEAN SURVEY

TP-00014

PHOTOGRAMMETRIC OFFICE REVIEW

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
Coradomat	RP	RP	RP

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
Coradomat Auto Plotter	XX	XX

8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
XX	XX	Bridge W.O	Wild B-8

ALONGSHORE AREAS *(Nautical Chart Data)*

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
RP	XX	XX	RP

16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
XX	XX	RP	RP

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER	22. PLANETABLE CONTOURS
RP	RP	XX

23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
XX	XX	XX	RP

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS	30. OTHER CULTURAL FEATURES
RP	RP	RP	RP

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
XX	XX

MISCELLANEOUS

33. GEOGRAPHIC NAMES	34. JUNCTIONS	35. LEGIBILITY OF THE MANUSCRIPT
RP	RP	RP

36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
RP	RP	XX	RP

40. REVIEWER	DATE:	SUPERVISOR, REVIEW SECTION OR UNIT
R. PATE	2/11/70	ALBERT C. RAUCK, JR.

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
A. L. SHANDS	10/14/71	ALBERT C. RAUCK, JR.

43. REMARKS

Field edit applied from: - Field edit ozalid, film ozalid and field ratio prints 69L(C)-9239 thru 69L(C)-9244

SUPERSEDES C&GS FORM 1002 WHICH MAY BE USED UNTIL EXISTING STOCK IS DEPLETED.

FIELD EDIT REPORT
ESTERO BAY, FLORIDA
JOB PH-6912
MAP TP -00014

52. ADEQUACY OF COMPILATION

Compilation was generally adequate. Numerous minor shoreline changes were indicated in the mangrove areas. Primarily, these changes are the result of the shoreline being drafted as too smooth. The majority of the apparent shoreline on the map is very ragged and is obvious on the color photographs. One or two shoreline changes were noted in fast shoreline, mostly concerning bulkheads drafted as straight lines rather than their actual configuration. These changes were noted on the field edit ozalid and cross-referenced to the appropriate photographs. Many of the canals on the map were not bulkheaded and bulkhead limits were indicated where appropriate. The majority of the canals on this sheet have numerous tiny piers in them. No effort was made to call attention to all of them as they are obvious on the photographs, and are, in any case, unimportant. As many of the larger piers as practicable should be mapped.

Two submerged cable crossings were not compiled, one at Matanzas Pass bridge, the other at lat. 26° 27'.3, long. 81° 56'.7. There are three overhead cable crossings at the fixed bridge, located at long. 26° 28!0, long. 81° 57'.1, where only one was compiled. Appropriate notes were made on the field edit ozalid and the power poles were pricked on the photographs.

A "building in ruins" was overlooked at lat. 26° 27'.5, long. 81° 57'.2. These "ruins" were identified on photo 69L(c)9241 and indicated on the field edit ozalid. The "ruins" were also located by a theodolite fix from photo points. A sketch of the method used is included with this report. A "wreck" at lat. 26° 26'.6, long. 81° 55'.4, was not compiled. It was indicated on the field edit ozalid and cross-referenced to the appropriate photograph. Three point fixes were taken at each end of the wreck to ascertain whether or not it had moved since photography. The positions of these fixes are to be found on the film ozalid which accompanies this report. All boat "ramps" indicated on this map are private unless otherwise indicated.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Geographic Names.

Verbal instructions were given the field editor not to investigate geographic names. They will be the subject of a special report to be submitted at a later date.

56. LANDMARKS AND NON-FLOATING AIDS FOR NAVIGATION

There is only one recommended nautical landmark within the limits of this map. It is Ft. Myers Beach, Municipal Water Tank, 1955. It is triangulation and was entered on form 567 and cross-referenced on form 152.

There are thirteen fixed aids to navigation on this map. Three of them were office identified and compiled, of these three, two of them, Estero Pass Channel Lights 7 and 9, were destroyed and rebuilt since photography. They were re-located by triangulation and entered on form 567 and 152. Estero Pass Channel Light 2 and San Carlos Bay Lights 4, 6 10, and San Carlos Bay Daybeacon 8 were not compiled and were located by triangulation. Estero Pass Channel Daybeacons 11, 14, 16, 20 and 22 were also not compiled. They were located by 3 point fixes, with check angles, from photo points. The fixes were plotted, with a steel arm protractor, on mylar and the positions transferred to the signal manuscript for use by the hydrographer. (for the positions of these daybeacons see the film ozalid which accompanies this report.) All lights and daybeacons were indicated on the field edit ozalid and entered on forms 567 and 152.

There are seventy-odd privately maintained channel markers and piling located within the limits of this map. None of them are listed in the Light List and no one "officially" maintains them. They are all worthy of charting and are so recommended. The "markers, piling, ruins and wrecks" on this map were located by 3 point fixes from photo-hydro signals and were plotted, with a steel arm protractor, on mylar. They were then transferred to the signal manuscript for use by the hydrographer. (see the film ozalid, which accompanies this report, for the positions of these objects.)

57. ROCKS, REEFS AND SHOALS

There are no rocks or reefs, as defined, within the limits of this map. Shoals are extensive and numerous. Hurricane Bay, Matanzas Pass and Estero Pass contain the most conspicuous shoals or flats. The areas were outlined on the color photographs, indicated on the field edit ozalid and heights given where applicable.

58. PHOTOGRAPHY

Photography consisted of 1:10,000 scale color photographs. Although the prints were a little dark, the photography was generally good. Photo coverage available to the field editor was inadequate in the Punta Rassa Cove-Connie Mark Island area. There was insufficient end-lap in several areas.

59. DISPOSITION OF DATA

The field edit ozalid, a film ozalid containing field edit information, the field edit photographs, the processed color office prints and the matte finish infrared photos, along with all pertinent data, were forwarded to the Director, Atlantic Marine Center. Two film ozalids, one containing photo-hydro signals, and copies of form 567 were transmitted to the hydrographic field party. Originals of form 526's were transmitted to geodesy.

Richard E. Kesselring
Surveying Technician

September 17, 1970

Ori. To Charts 9-15-75

NOAA FORM 76-40 (8-74)
Replaces C&GS Form 567.

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

NONFLOATING AIDS [redacted] FOR CHARTS

ORIGINATING ACTIVITY
- ☐ HYDROGRAPHIC PARTY
- ☐ GEODETIC PARTY
- ☐ PHOTO FIELD PARTY
- ☐ COMPILATION ACTIVITY
- ☐ FINAL REVIEWER
- ☐ QUALITY CONTROL & REVIEW GRP.
- ☐ COAST PILOT BRANCH

(See reverse for responsible personnel)

☒ TO BE CHARTED ☐ TO BE REVISED ☐ TO BE DELETED	REPORTING UNIT (Field Party, Ship or Office)	STATE	LOCALITY	DATE
	Field Party	Florida	Estero Bay	June 1970

The following objects HAVE ☒ HAVE NOT ☐ been inspected from seaward to determine their value as landmarks.

OPR PROJECT NO.	JOB NUMBER	SURVEY NUMBER	DATUM
491	PH-6912	TP-00014	N.A. 1927

CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	POSITION LATITUDE ° ′	″ D.M. Meters	POSITION LONGITUDE ° ′	″ D.P. Meters	METHOD AND DATE OF LOCATION (See instructions on reverse side) OFFICE	FIELD	CHARTS AFFECTED
	ESTERO PASS CHANNEL							
LIGHT 2		26 27	34.78 1070.2	81 58	29.85 827.0		4-15-70 F-4-6-L	11426 11427
LIGHT 7		26 27	58.40 1797.3	81 58	05.39 149.2		4-15-70 F-4-6-L	11426 11427
LIGHT 9		26 27	58.85 1811.1	81 57	56.21 1556.9		4-15-70 F-4-6-L	11426 11427
LIGHT 10		26 27	44.6 1372	81 57	55.6 1539	69L(C) 9242 May 31, 1969		
DAY-BEACON 14		26 27	25.2 776	81 57	08.1 224		F-4-8-L 4-1-70	11426 11427
DAY-BEACON 16		26 27	29.0 892	81 57	06.6 182		F-4-8-L 4-1-70	11426 11427
DAY-BEACON 20		26 27	29.1 897	81 57	00.9 24		F-4-80L 4-1-70	11426 11427
DAY-BEACON 22		26 27	27.6 848	81 56	56.6 1569		F-4-8-L 4-1-70	11426 11427
DAY-BEACON 11		26 27	40.3 1239	81 57	46.2 1280		F-4-8-L 4-1-70	11426 11427

RESPONSIBLE PERSONNEL

TYPE OF ACTION	NAME	ORIGINATOR
OBJECTS INSPECTED FROM SEAWARD	R.E. Kesselring	[x] PHOTO FIELD PARTY [ ] HYDROGRAPHIC PARTY [ ] GEODETIC PARTY [ ] OTHER *(Specify)*
POSITIONS DETERMINED AND/OR VERIFIED	R.E. Kesselring	FIELD ACTIVITY REPRESENTATIVE
	L.O. Neterer	OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	Billy H. Barnes	[x] REVIEWER [ ] QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE

INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'

(Consult Photogrammetric Instructions No. 64,

OFFICE

I. OFFICE IDENTIFIED AND LOCATED OBJECTS
Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object.
EXAMPLE: 75E(C)6042
8-12-75

FIELD

I. NEW POSITION DETERMINED OR VERIFIED
Enter the applicable data by symbols as follows:

F - Field	P - Photogrammetric
L - Located	Vis - Visually
V - Verified	
1 - Triangulation	5 - Field identified
2 - Traverse	6 - Theodolite
3 - Intersection	7 - Planetable
4 - Resection	8 - Sextant

A. Field positions* require entry of method of location and date of field work.
EXAMPLE: F-2-6-L
8-12-75

*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.

FIELD (Cont'd)

B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object.
EXAMPLE: P-8-V
8-12-75
74L(C)2982

II. TRIANGULATION STATION RECOVERED
When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery.
EXAMPLE: Triang. Rec.
8-12-75

III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH
Enter 'V-Vis.' and date.
EXAMPLE: V-Vis.
8-12-75

**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.

org to charts 9-15-75

NOAA FORM 76-40 (8-74)
Replaces C&GS Form 567.

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

NONFLOATING AIDS [redacted] FOR CHARTS

ORIGINATING ACTIVITY
- ☐ HYDROGRAPHIC PARTY
- ☐ GEODETIC PARTY
- ☐ PHOTO FIELD PARTY
- ☐ COMPILATION ACTIVITY
- ☐ FINAL REVIEWER
- ☐ QUALITY CONTROL & REVIEW GRP.
- ☐ COAST PILOT BRANCH

(See reverse for responsible personnel)

☒ TO BE CHARTED ☐ TO BE REVISED ☐ TO BE DELETED	REPORTING UNIT (Field Party, Ship or Office)	STATE	LOCALITY	DATE
	Photo Party 62	Florida	Bonita Springs	June 1970

The following objects HAVE ☒ HAVE NOT ☐ been inspected from seaward to determine their value as landmarks.

OPR PROJECT NO.	JOB NUMBER	SURVEY NUMBER	DATUM
	PH-6912	TP-00014	N.A. 1927

CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	POSITION LATITUDE ° ′	LATITUDE ″ D.M. Meters	POSITION LONGITUDE ° ′	LONGITUDE ″ D.P. Meters	METHOD AND DATE OF LOCATION (See instructions on reverse side) OFFICE	FIELD	CHARTS AFFECTED
	SAN CARLOS BAY							
LIGHT 4	Approach Light 4	26 25	17.10 526.2	81 57	18.31 507.3		F.4.a	11426 11427
LIGHT 6	Channel Light 6	26 26	54.79 1686.0	81 58	54.11 1499.1		F.4.a.	11426
LIGHT 10	Channel Light 10	26 27	54.31 1671.3	81 59	52.55 1455.7		F.4.a.	11426 11427
DAY-BEACON 8	Channel Daybeacon 8	26 27	30.81 948.2	81 59	26.67 738.7		F.1.a.	11426 11427

I 20

RESPONSIBLE PERSONNEL		
TYPE OF ACTION	**NAME**	**ORIGINATOR**
OBJECTS INSPECTED FROM SEAWARD		☐ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ OTHER *(Specify)*
POSITIONS DETERMINED AND/OR VERIFIED		FIELD ACTIVITY REPRESENTATIVE
		OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES		☐ REVIEWER ☐ QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE

INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'

(Consult Photogrammetric Instructions No. 64,

OFFICE

I. OFFICE IDENTIFIED AND LOCATED OBJECTS

Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object.

EXAMPLE: 75E(C)6042
8-12-75

FIELD

I. NEW POSITION DETERMINED OR VERIFIED

Enter the applicable data by symbols as follows:

F - Field	P - Photogrammetric
L - Located	Vis - Visually
V - Verified	
1 - Triangulation	5 - Field identified
2 - Traverse	6 - Theodolite
3 - Intersection	7 - Planetable
4 - Resection	8 - Sextant

A. Field positions* require entry of method of location and date of field work.

EXAMPLE: F-2-6-L
8-12-75

*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.

FIELD (Cont'd)

B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object.

EXAMPLE: P-8-V
8-12-75
74L(C)2982

II. TRIANGULATION STATION RECOVERED

When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery.

EXAMPLE: Triang. Rec.
8-12-75

III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH

Enter 'V-Vis.' and date.

EXAMPLE: V-Vis.
8-12-75

**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.

☆ U.S. GOVERNMENT PRINTING OFFICE: 1974-665-073/1030 Region 6

orig to charts 9-15-75

NOAA FORM 76-40
(8-74)

Replaces C&GS Form 567.

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

LANDMARKS FOR CHARTS

ORIGINATING ACTIVITY
- ☐ HYDROGRAPHIC PARTY
- ☐ GEODETIC PARTY
- ☒ PHOTO FIELD PARTY
- ☐ COMPILATION ACTIVITY
- ☐ FINAL REVIEWER
- ☐ QUALITY CONTROL & REVIEW GRP.
- ☐ COAST PILOT BRANCH

(See reverse for responsible personnel)

☒ TO BE CHARTED
☐ TO BE REVISED
☐ TO BE DELETED

REPORTING UNIT (Field Party, Ship or Office)	STATE	LOCALITY	DATE
Photo Party 62	Florida	Estero Bay	Aug.1970

The following objects HAVE ☒ HAVE NOT ☐ been inspected from seaward to determine their value as landmarks.

OPR PROJECT NO.	JOB NUMBER	SURVEY NUMBER	DATUM
	PH-6912	T-00014	N.A. 1927

CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	POSITION LATITUDE ° ′	POSITION LATITUDE ″ D.M. Meters	POSITION LONGITUDE ° ′	POSITION LONGITUDE ″ D.P. Meters	METHOD AND DATE OF LOCATION (See instructions on reverse side) OFFICE	METHOD AND DATE OF LOCATION FIELD	CHARTS AFFECTED
TANK	Four legged, steel silver water tank, 157(165) feet	26 26	40.277 1239.5	81 56	04.044 112.0		F-2-6-L 5/1/70	11427 1255

RESPONSIBLE PERSONNEL		
TYPE OF ACTION	**NAME**	**ORIGINATOR**
OBJECTS INSPECTED FROM SEAWARD	Richard E. Kesselring	☒ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ OTHER *(Specify)*
POSITIONS DETERMINED AND/OR VERIFIED	Richard E. Kesselring	FIELD ACTIVITY REPRESENTATIVE
		OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES		☐ REVIEWER ☐ QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE

INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'

(Consult Photogrammetric Instructions No. 64,

OFFICE

I. OFFICE IDENTIFIED AND LOCATED OBJECTS
Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object.
EXAMPLE: 75E(C)6042
8-12-75

FIELD

I. NEW POSITION DETERMINED OR VERIFIED
Enter the applicable data by symbols as follows:

F - Field	P - Photogrammetric
L - Located	Vis - Visually
V - Verified	
1 - Triangulation	5 - Field identified
2 - Traverse	6 - Theodolite
3 - Intersection	7 - Planetable
4 - Resection	8 - Sextant

A. Field positions* require entry of method of location and date of field work.
EXAMPLE: F-2-6-L
8-12-75

*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.

FIELD (Cont'd)

B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object.
EXAMPLE: P-8-V
8-12-75
74L(C)2982

II. TRIANGULATION STATION RECOVERED
When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery.
EXAMPLE: Triang. Rec.
8-12-75

III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH
Enter 'V-Vis.' and date.
EXAMPLE: V-Vis.
8-12-75

**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.

☆ U.S. GOVERNMENT PRINTING OFFICE: 1974-665-073/1030 Region 6

REVIEW REPORT TP-00014

SHORELINE

June, 1975

61. GENERAL STATEMENT

See Summary which is page six of this Descriptive Report.

A comparison print showing differences noted in paragraphs 62 through 65 is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

A comparison was made with T-11415, dated 1961, scale 1:10,000. Significant differences are noted in blue on the comparison print.

In the areas compared TP-00014 supersedes T-11415 for nautical chart construction purposes. T-11415 is the latest registered prior survey of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A visual comparison was made with U.S.G.S. Quadrangle FORT MYERS BEACH, FLA, scale 1:24,000, dated 1958. Signigicant differences are shown in brown on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with the original boat sheet for Survey H-9147 (HFP745-10-1-70), scale 1:10,000, dated 1970. Shoreline on the boat sheet is from the Class III (Incomplete) manuscript. Several shoreline changes were made on the southwest shore of Estero Island by field edit, consequently, there are several small differences between the boat sheet and the final reviewed manuscript TP-00014. These differences are shown in purple on the comparison print.

65. COMPARISON WITH NAUTICAL CHARTS

The area covered by this map is within the limits of NOS Chart 11426, scale 1:80,000, 17th edition, dated July 1974 and NOS Chart 11427, scale 1:40,000, 12th edition, dated August 1974. A visual comparison

was made with each chart. The discrepancies noted were on Chart 11427, a wreck at latitude 26° 28.0' and longitude 81° 57.2' and a canal shown at latitude 26° 27.0' and longitude 81° 56.2'. Charted Daybeacons 35, 9A, 11A, 13 and 18 shown on Chart 11427 were not visible on 1969 or 1970 photography and were not located by the field editor. Discrepancies are shown in red on the comparison print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Reviewed by:

Billy H. Barnes

BILLY H. BARNES
Cartographer
June 1975

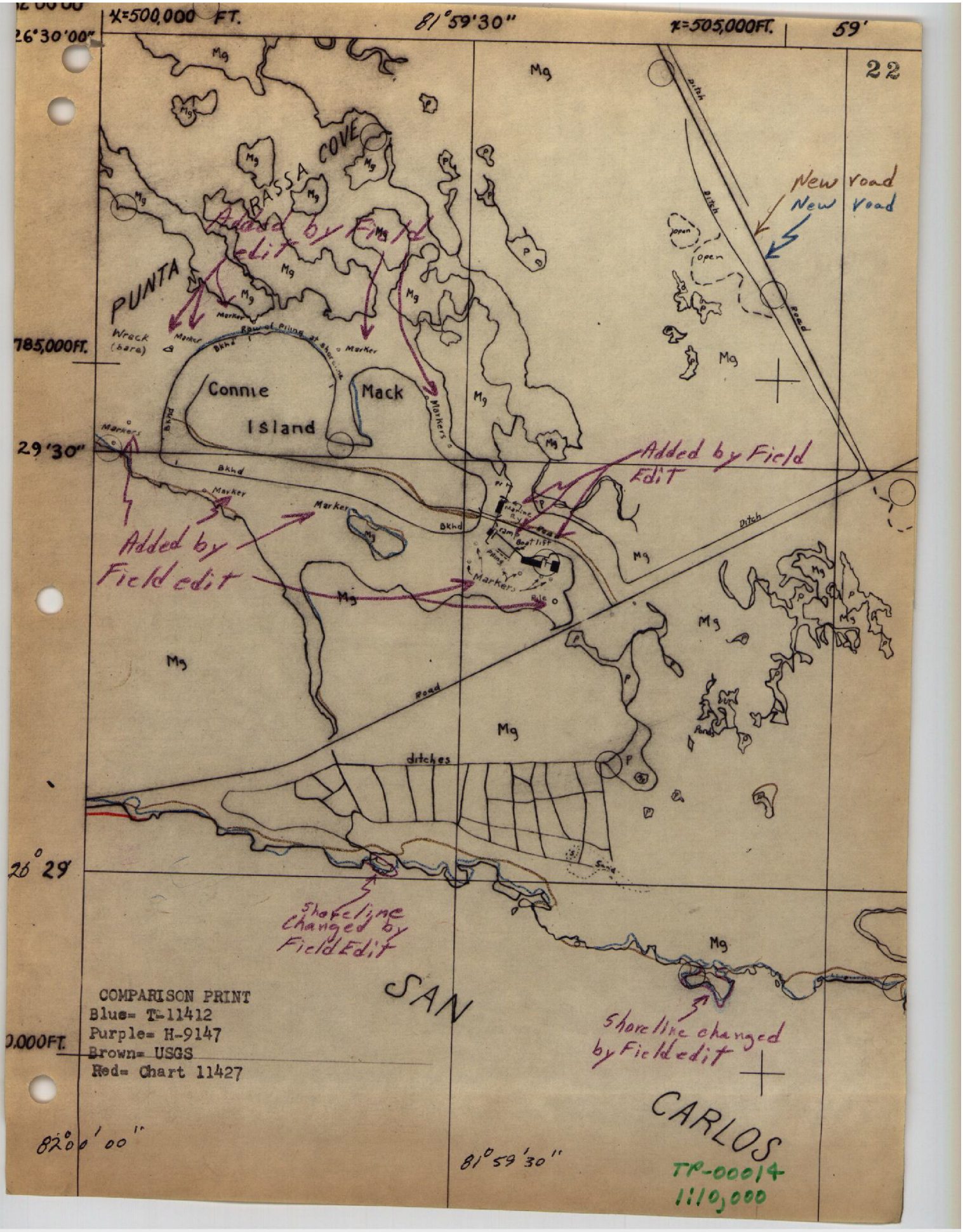
Approved for forwarding:

VICTOR E. SERENA
Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division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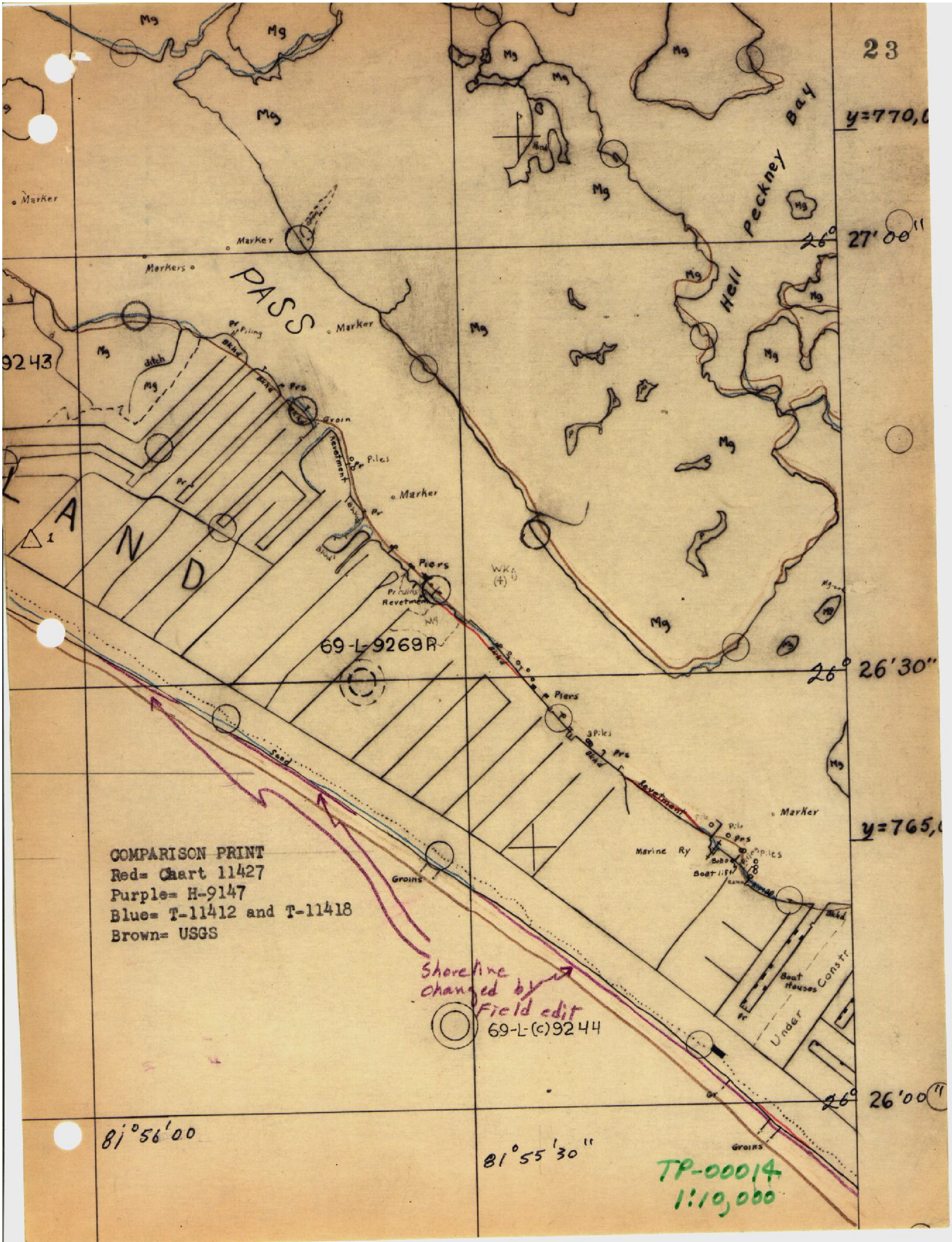
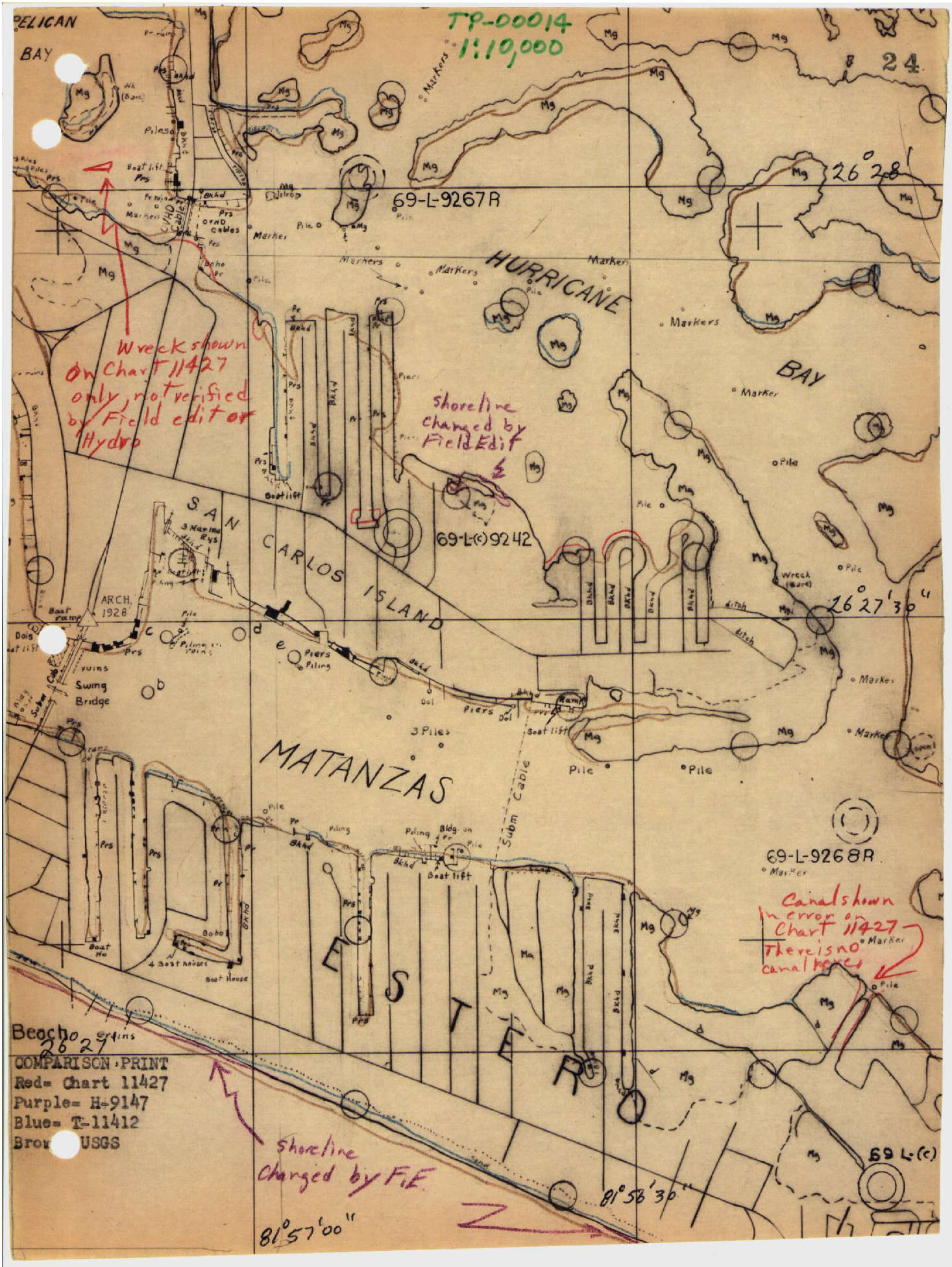
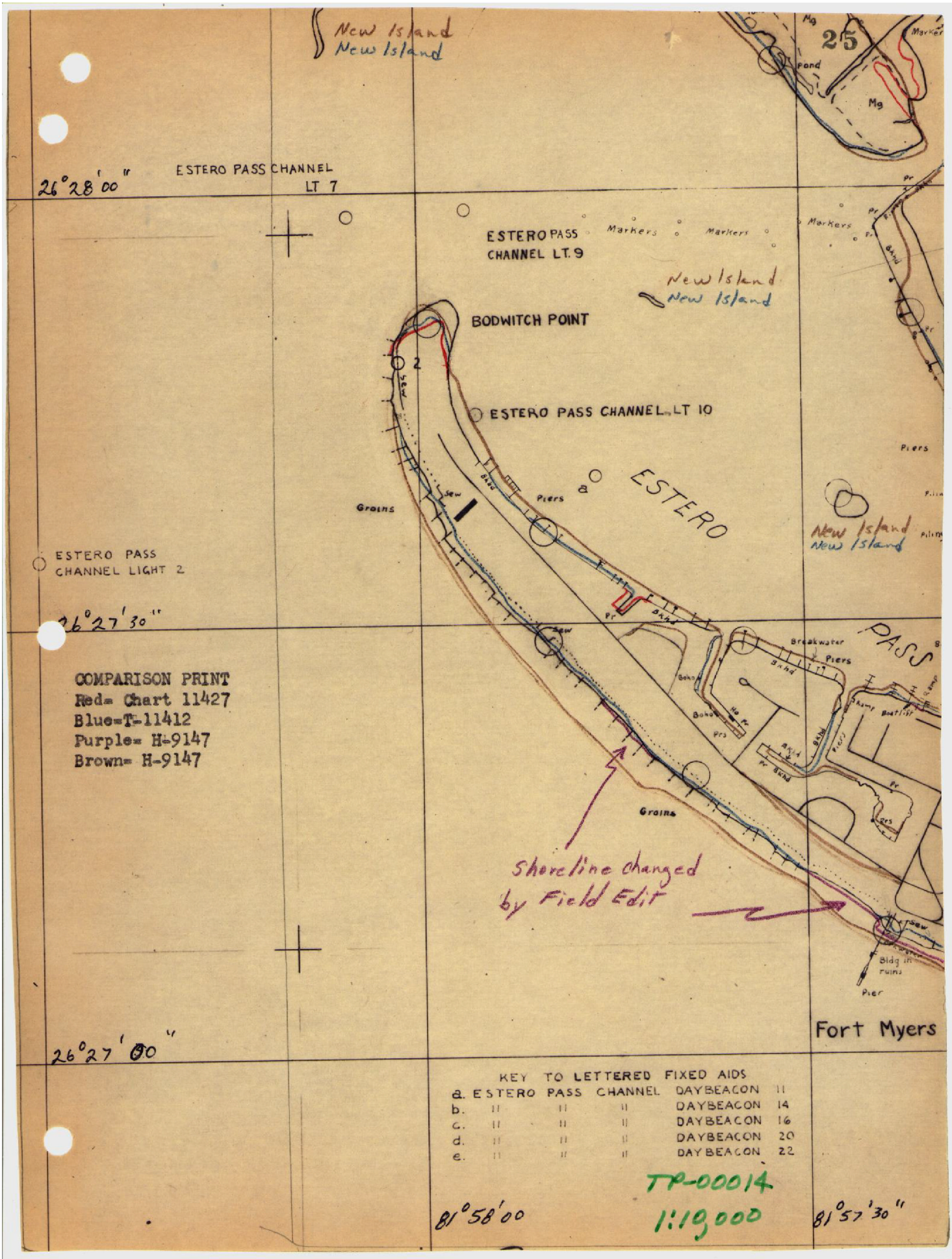
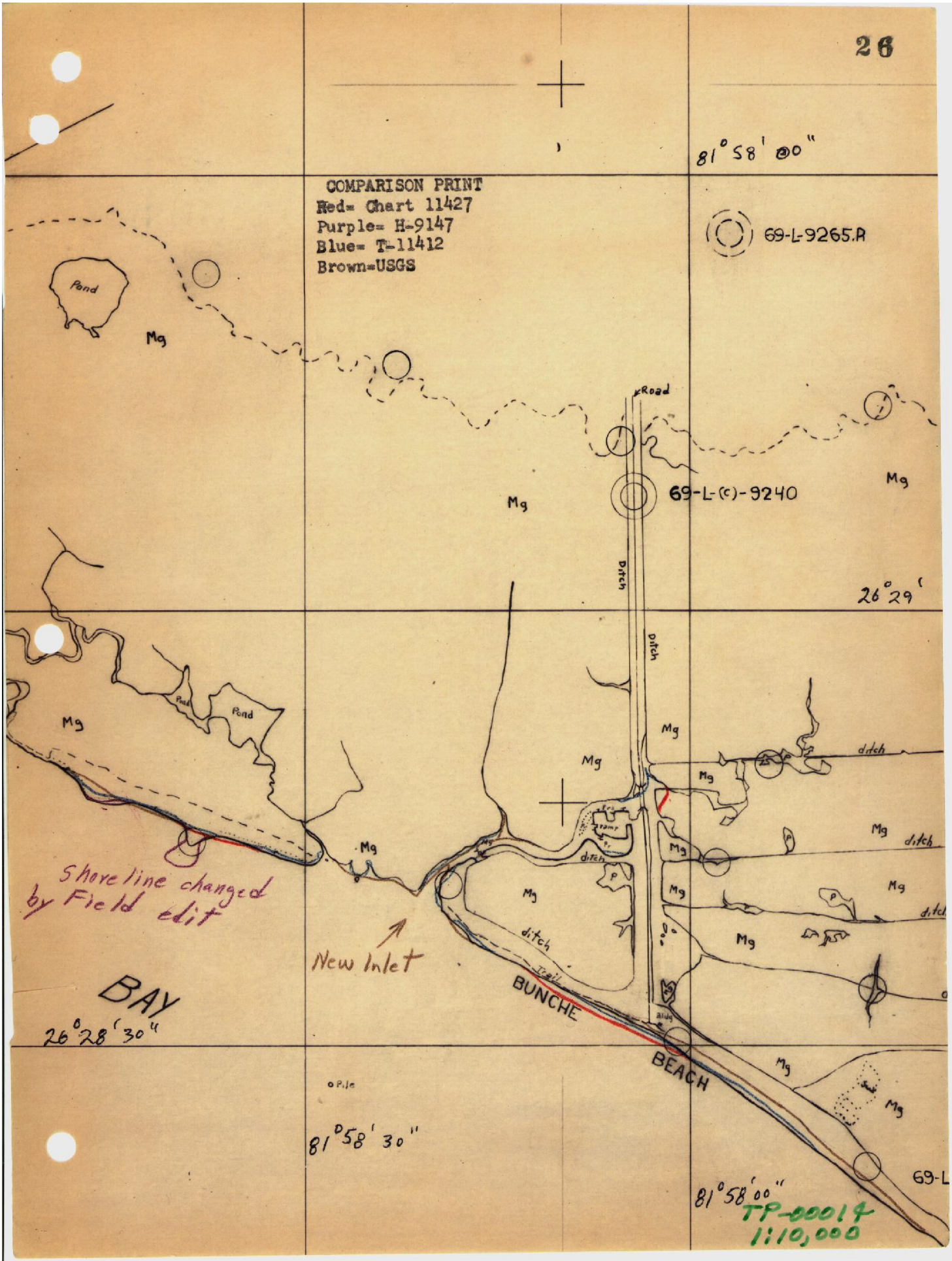
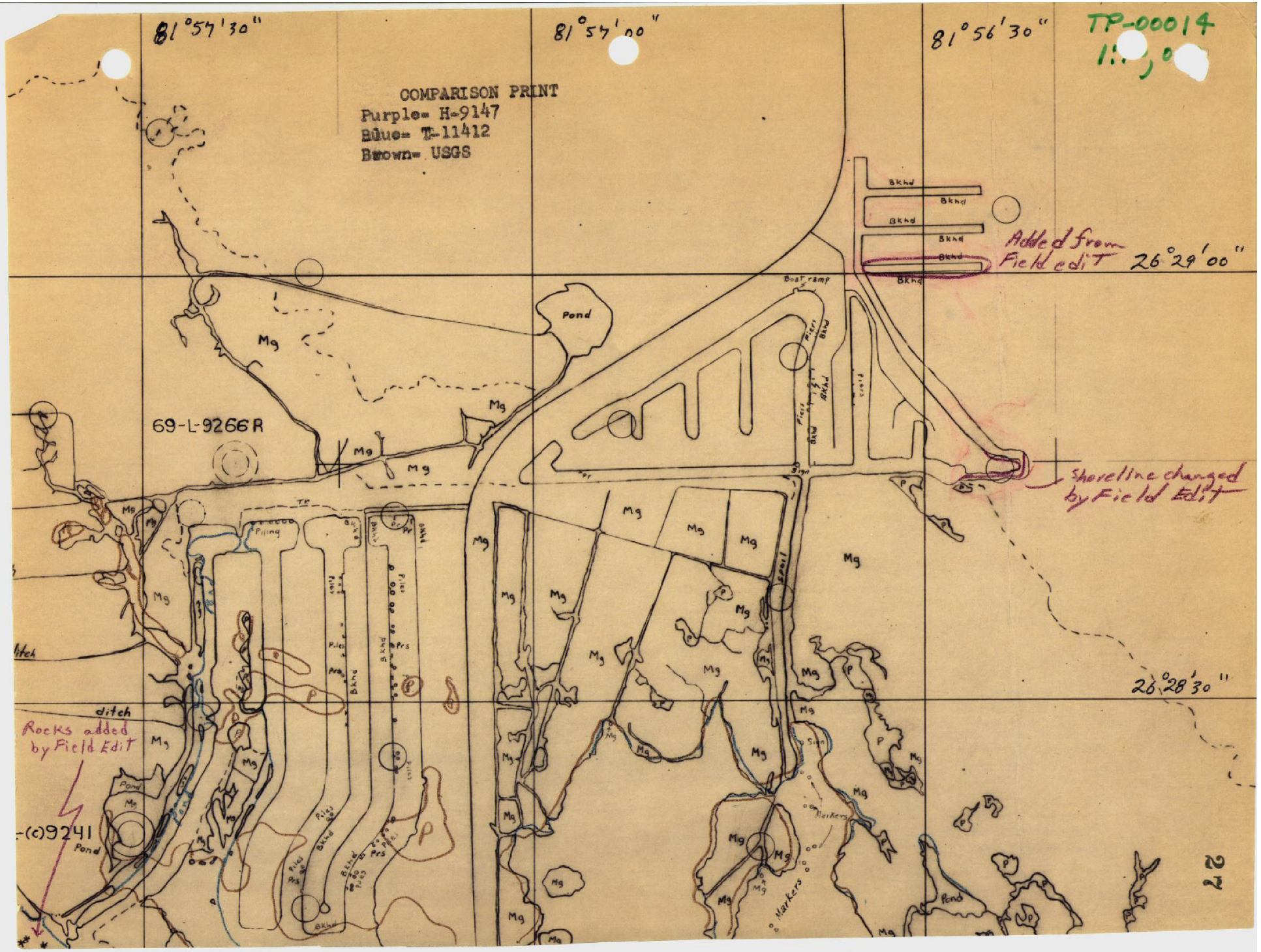
81°59'30"
X=505,000FT.
59'
22
26°30'00"
785,000FT.
29'30"
26°29'
82°00'00"
81°59'30"
PUNTA
BRASSA COVE
Added by Field edit
New road
New road
Connie
Island
Mack
Wreck (bare)
Marker
Markers
Bkhd
Ditch
Road
Added by Field Edit
Added by Field edit
Shoreline changed by Field Edit
Shoreline changed by Field edit
ditches
Mg
SAN
CARLOS
COMPARISON PRINT
Blue= T-11412
Purple= H-9147
Brown= USGS
Red= Chart 11427
TP-00014
1:10,000


23
y=770,0
y=765,0
26° 27'00"
26° 26'30"
26° 26'00"
81°56'00
81°55'30"
Peckney Bay
Hell
PASS
L A N D
Mg
Marker
Markers
Piling
Bkhd
Prs
Groin
Revetment
Piles
Piers
Pr ruins
Revetment
WK
69-L-9269R
9243
ditch
3 Piles
Sand
Groins
Marine Ry
Boat lift
Pile
Boat Houses
Under Constr
69-L-(c)9244
COMPARISON PRINT
Red= Chart 11427
Purple= H-9147
Blue= T-11412 and T-11418
Brown= USGS
Shoreline changed by Field edit
TP-00014
1:10,000


TP-00014
1:10,000
PELICAN BAY
24
26°28'
69-L-9267R
HURRICANE BAY
Wreck shown on Chart 11427 only, not verified by Field editor Hydro
Shoreline changed by FieldEdit
69-L-(c)9242
SAN CARLOS ISLAND
ARCH, 1928
Swing Bridge
MATANZAS
Subm Cable
69-L-9268R
Canal shown in error on Chart 11427 There is no canal here
ESTERO
26°27'30"
Beacon 26 27
COMPARISON PRINT
Red= Chart 11427
Purple= H-9147
Blue= T-11412
Brown= USGS
Shoreline changed by FE
81°57'00"
81°56'30"
69 L-(c)


New Island
New Island
26°28'00"
ESTERO PASS CHANNEL
LT 7
ESTERO PASS
CHANNEL LT. 9
Markers
Markers
Markers
New Island
New Island
BODWITCH POINT
ESTERO PASS CHANNEL LT 10
ESTERO
Piers
Grains
ESTERO PASS
CHANNEL LIGHT 2
26°27'30"
COMPARISON PRINT
Red= Chart 11427
Blue=T-11412
Purple= H-9147
Brown= H-9147
Breakwater
Piers
PASS
Boat Lift
Grains
Shoreline changed
by Field Edit
Bldg in ruins
Pier
Fort Myers
26°27'00"
KEY TO LETTERED FIXED AIDS
a. ESTERO PASS CHANNEL DAYBEACON 11
b. " " " DAYBEACON 14
c. " " " DAYBEACON 16
d. " " " DAYBEACON 20
e. " " " DAYBEACON 22
TP-00014
1:10,000
81°58'00
81°57'30"


26
81°58'00"
COMPARISON PRINT
Red= Chart 11427
Purple= H-9147
Blue= T-11412
Brown=USGS
69-L-9265.A
Pond
Mg
Road
69-L-(c)-9240
Ditch
26°29'
ditch
Pond
Pond
Mg
Shoreline changed by Field edit
New Inlet
BAY
26°28'30"
BUNCHE
BEACH
81°58'30"
81°58'00"
69-L
TP-00014
1:10,000


81°57'30"
81°57'00"
81°56'30"
TP-00014
COMPARISON PRINT
Purple= H-9147
Blue= T-11412
Brown= USGS
Added from Field edit
26°29'00"
Boat ramp
Pond
Mg
69-L-9266R
Shoreline changed by Field Edit
Piling
ditch
Rocks added by Field Edit
Markers
26°28'30"
27