TP-01028

TP-01028

NOAA FORM 76-35
(3-76)

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

DESCRIPTIVE REPORT

Map No. TP-01028	*Edition No.* 1
Job No. CM-7820	
Map Classification Final Field Edited	
Type of Survey Shoreline	

LOCALITY

State
Florida

General Locality
Horseshoe Cove

Locality
Horseshoe Beach

1979 TO 1980

REGISTRY IN ARCHIVES

DATE

*U.S. GOVERNMENT PRINTING OFFICE:1976-669-248

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 TF-01028
MAP EDITION NO. (1)
MAP CLASS Final field edited
JOB ~~PH~~ CM-7820

PHOTOGRAMMETRIC OFFICE: Rockville, Md.

OFFICER-IN-CHARGE: Cmdr. W. Simmons

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
General Instructions-Office-NOS Cooperative Coastal Boundary Mapping-Job PH-7000 9 Dec 1975 Office - 18 Aug 1977 Amendment I - 3 Jan 1978 Amendment II - 7 Mar 1978	Field Instructions - 27 Dec 1976 11 Aug 1977 Amendment - Field Edit Procedures 30 Jan 1978

II. DATUMS

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

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

3. MAP PROJECTION: Lambert Conformal Conic

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

5. SCALE: 1:20,000 — STATE; ZONE

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION	BY	S. Solbeck	Jan 1980
METHOD: Analytic	LANDMARKS AND AIDS BY	N/A	
2. CONTROL AND BRIDGE POINTS	PLOTTED BY	J. Taylor	Feb 1980
METHOD: Cal Comp	CHECKED BY	N/A	
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	N/A	
	CHECKED BY		
INSTRUMENT:	CONTOURS BY	N/A	
SCALE:	CHECKED BY		
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	J. Schad	April 1980
	CHECKED BY	C. Lewis	July 1980
METHOD: Graphic	CONTOURS BY	N/A	
	CHECKED BY		
SCALE: 1:20,000	HYDRO SUPPORT DATA BY	N/A	
	CHECKED BY		
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	D. Brant	Aug 1980
6. APPLICATION OF FIELD EDIT DATA	BY	J. Schad	Oct 1980
	CHECKED BY	F. Wright	Oct 1980
7. COMPILATION SECTION REVIEW	BY	F. Wright	Nov 1980
8. FINAL REVIEW	BY	P. Dempsey	Oct 1984
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY	P. Dempsey	Oct 1984
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	E. DAUGHERTY	NOV 1984

NOAA FORM 76-36B
(3-72)

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

COMPILATION SOURCES

TP-01028

1. COMPILATION PHOTOGRAPHY

CAMERA(S): Wild RC-10

TIDE STAGE REFERENCE
- [ ] PREDICTED TIDES
- [x] REFERENCE STATION RECORDS
- [ ] TIDE CONTROLLED PHOTOGRAPHY

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

TIME REFERENCE
ZONE: Eastern
[x] STANDARD
MERIDIAN: 75th
[ ] DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
79 CP 7995-96	10 Feb 79	1236	1:60,000	N/A
79 CP 8071-73	10 Feb 79	1440	1:60,000	N/A
79 CR 8120-22	11 Feb 79	1232	1:60,000	Refer to NOAA Form 76-36B(1)
79 CR 8217-18	11 Feb 79	1431	1:60,000	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the black-and-white infrared photography listed in Item 1 above. Where the MHW line was obscured by vegetation the apparent shoreline was shown.

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

Gulf Coast

There is no GCLW line shown on this map.

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
None	TP-01027	TP-01029	None

REMARKS

Junction were made in the Coastal Mapping Section

NOAA FORM 76-36B
(3-72)

NOAA FORM 76-36B(1)
(7-75)

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

TIDE - COORDINATED PHOTOGRAPHY

TP - 01028

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
79 CR 8120-8122	Sink Creek Hourly Hts	-1.6 MHW	
79 CR 8217-8218	Sink Creek Hourly Hts	-0.9 MHW	

REMARKS:

NOAA FORM 76-36C
(3-72)

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

HISTORY OF FIELD OPERATIONS

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

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		Lawrence H Davis	1980
2. HORIZONTAL CONTROL	RECOVERED BY	"	1979
	ESTABLISHED BY	"	
	PRE-MARKED OR IDENTIFIED BY	"	
3. VERTICAL CONTROL	RECOVERED BY		
	ESTABLISHED BY		
	PRE-MARKED OR IDENTIFIED BY		
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED *(Triangulation Stations)* BY		
	LOCATED *(Field Methods)* BY		
	IDENTIFIED BY	L. H. Davis	1980
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION [ ] COMPLETE [ ] SPECIFIC NAMES ONLY [X] NO INVESTIGATION BY		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	L. H. Davis	1980
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY		

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS *(Clarification of details)*
79CP-8072
79CP-8073

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED
79CP-8073

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: [ ] REPORT [ ] NONE

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

7. SUPPLEMENTAL MAPS AND PLANS

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

* U.S. G.P.O. 1972-769381/567 REG.#6

NOAA FORM 76-36C
(3-72)

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

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		David H. Minkel	Sept 80
2. HORIZONTAL CONTROL	RECOVERED BY	N/A	
	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	N/A	
	IDENTIFIED BY	D/ Minkel	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION BY		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	D. Minkel	Sept 80
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N/A	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS *(Clarification of details)*

& 79 CR 8120 & 8218

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

Tower verified

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
None			

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE

6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

None

NOAA FORM 76-36C
(3-72)

*U.S. GOVERNMENT PRINTING OFFICE:1977-765-092

NOAA FORM 76-36D
(3-72)

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

RECORD OF SURVEY USE

TP-01028

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Class I	July 1980		June 1981	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER pages	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
2		31 Dec 1980	Digitized Forms 76-40

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

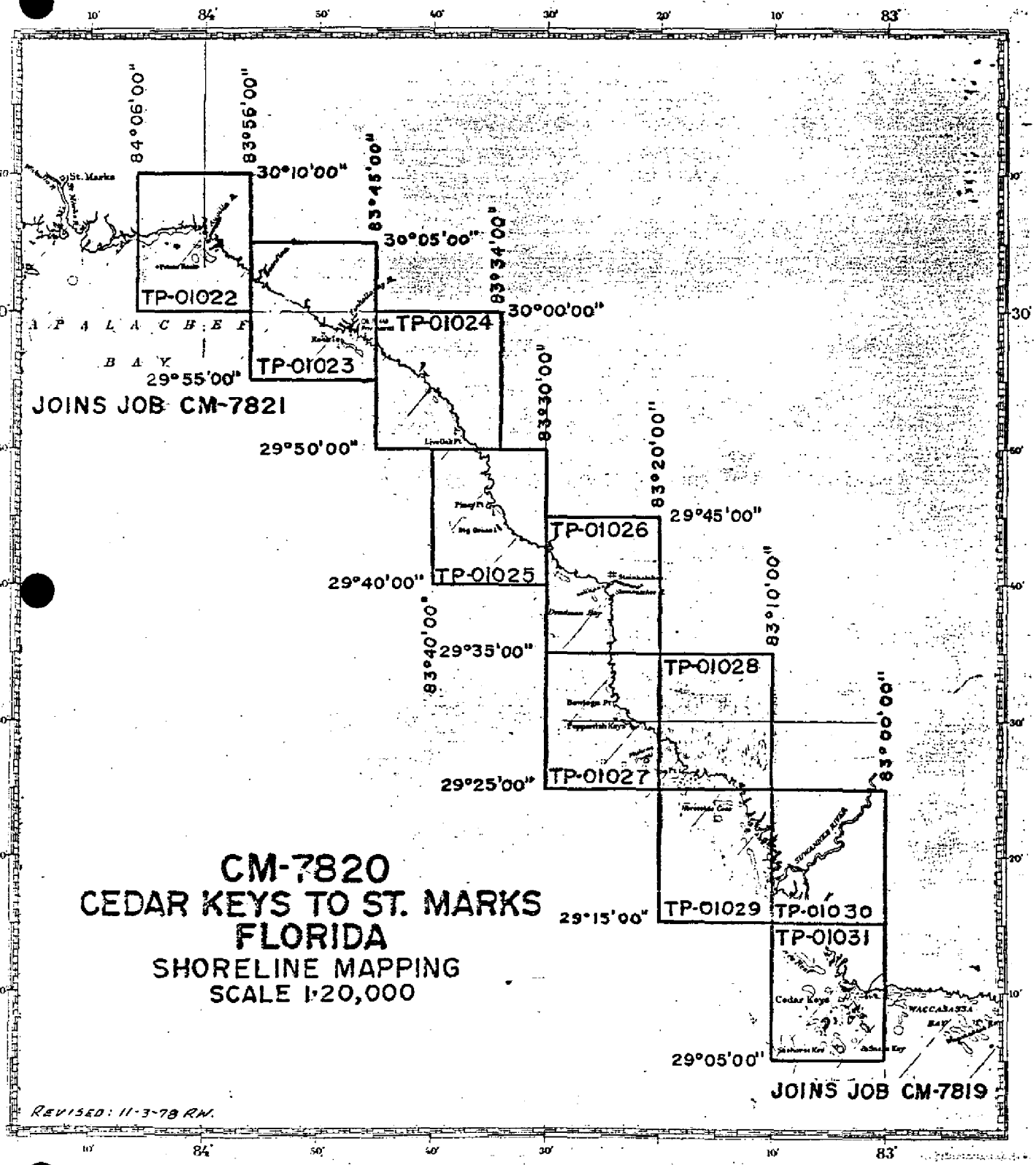
III. FEDERAL RECORDS CENTER DATA

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:
   2 NOAA Forms 76-109 and 4 NOAA Forms 76-52
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	TP - _____ (3)	PH- _____	☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
FOURTH EDITION	TP - _____ (4)	PH - _____	☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL

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


84°06'00"
83°56'00"
83°45'00"
83°34'00"
83°30'00"
83°20'00"
83°10'00"
83°00'00"
83°40'00"
30°10'00"
30°05'00"
30°00'00"
29°55'00"
29°50'00"
29°45'00"
29°40'00"
29°35'00"
29°25'00"
29°15'00"
29°05'00"
TP-01022
TP-01023
TP-01024
TP-01025
TP-01026
TP-01027
TP-01028
TP-01029
TP-01030
TP-01031
JOINS JOB CM-7821
JOINS JOB CM-7819
CM-7820
CEDAR KEYS TO ST. MARKS
FLORIDA
SHORELINE MAPPING
SCALE 1:20,000
REVISED: 11-3-78 RW.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
TP-01028

Coastal Zone Map TP-01028 is one of ten 1:20,000 scale shoreline maps in project CM-7820. These maps are intended for planning purposes for the state of Florida and for the Construction and maintenance of NOS Nautical Charts

The layout for project CM-7820 shows the location of the individual maps from St. Marks to Cedar Keys, Florida. A copy of the layout is included in this Descriptive Report. Field operations consisted of a field inspection, premarking horizontal control and photographing the area, establishing tidal datums and performing the field edit.

Panchromatic compilation photography was taken with the Wild RC-10-C camera at 1:60,000 scale in February, 1979 and used in clarifying detail and compiling landmarks and aids to navigation. The shoreline was compiled using 1:60,000 scale, infrared, MHW photography taken with the Wild RC-10-C camera in February, 1979.

The Aerotriangulation Unit in Rockville, Maryland bridged four strips of 1:60,000 scale panchromatic photography using analytic aerotriangulation methods.

Compilation was completed in the Coastal Mapping Unit, Rockville, Maryland using graphic methods.

Field edit was completed in October , 1980. Recovery and location of landmarks, fixed aids to navigation, piling etc. were omitted from the field edit procedures as per memo dated January 30, 1978 from chief, Coastal Mapping Branch. These items were compiled, to the extent possible, by office photogrammetric methods. The edit was required to only visually verify their existence at the time of edit. Their locations were not field checked. Field edit requirements in the foreshore and adjacent areas remain unchanged.

Application of field edit was performed in the Coastal Mapping Unit, Rockville, Maryland.

Final review was performed in the Quality Control Unit, Rockville, Maryland in October, 1984. This map meets the requirements for National Standards of Map Accuracy.

The context of this Descriptive Report contains all pertinent reports and listings of data used to compile the final map.

FIELD INSPECTION REPORT
CM-7820
ST. MARKS TO CEDAR KEYS
SHORELINE MAPPING
TP-01028

2. AREAL FIELD INSPECTION

TP-01028 will be covered in this report. TP-01028 covers from Little Rocky Creek to the north and Fishbone Creek to the south. Photos 79CP-8072 and 79CP-8073 were used for inspection.

The major part of this sheet is apprent shoreline with small parts of fast shoreline. The photographs are of good quality. No major photo interpretation difficulties were encountered.

3. HORIZONTAL CONTROL

According to a letter from James Collins, dated 30 Jan. 78 this was omitted.

4. VERTICAL CONTROL

Same as above

5. CONTOURS AND DRAINAGE

N?A

6. WOODLAND COVER

none

7. SHORELINE AND ALONG SHORE FEATURES

The shoreline inspection was accomplished from a skiff and truck. The area consist of apprent, fast, and manmade shoreline all of which are noted on photography. In most cases the MHWL is defined by the vegetation line. Some overhead power cables are noted on photo 79CP-8073.

8. OFFSHORE FEATURES

Large rock piles were noted off horseshoe Beach.

9. LANDMARKS AND AIDS

One landmark was noted on Photo 79CP-8073.

10. BOUNDARIES, MONUMENTS AND LINES

NONE

11. OTHER CONTROL

N/A

12. OTHER INTERIOR DATA

Some highway numbers are noted.

13. GEOGRAPHIC NAMES

Not required.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

N/A

Respectfully submitted

Lawrence H Davis

Lawrence H Davis
Chief, Photo Party 61
5/19/80

PHOTOGRAMMETRIC PLOT REPORT
CM-7820
Cedar Key to St Marks
Florida
7 January 1980

AREA COVERED

The area covered by this report is the western coastline of the state of Florida, from Cedar Key, north to the edge of, but not including, the city of St Marks.

METHOD

Four strips of 1:60000 scale panchromatic photography were bridged by analytic aerotriangulation methods. Field identified control was provided for the strip adjustments. Tie points were added to ensure proper junctioning between the strips.

Common points were located between the bridging photography and the 1:60000 scale infrared photography for ratio purposes.

ADEQUACY OF CONTROL

The control provided was adequate for the completion of the project as determined by National Map Accruacy Standards. However, due to the scale and Quality of the photography, as well as the type of objects defined for control points, the strips were unable to be adjusted to the standards of this office.

We could not properly identify THELMA (1933) sub point 1, KEEN (1933) sub point 1, TANK (1933) sub point 1, nor either sub point of station HAMPTON (1933). See the "FIT TO CONTROL" listing for their discrepencies.

SUPPLEMENTAL DATA

USGS quadrangles were used to provide vertical control for the strip adjustments. Nautical charts were used to locate aids and landmarks.

PHOTOGRAPHY

The coverage,overlap, and quality of the photography proved adequate for the job.

Submitted by:

Stephen H Solbeck

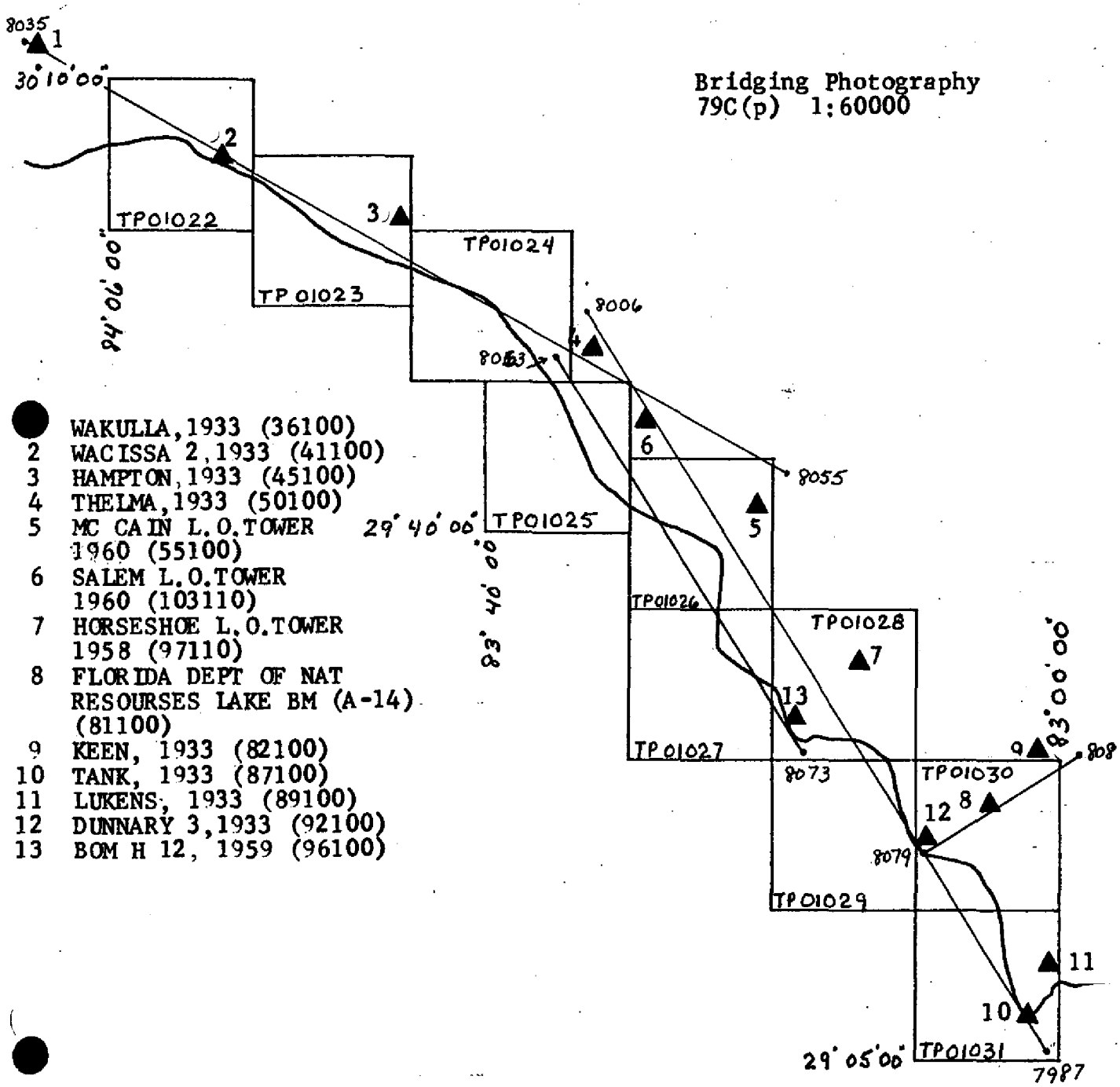
Approved and forwarded by:

Don O. Norman

Don O Norman
Chief, Aerotriangulation Section

AEROTRIANGULATION SKETCH
CEDAR KEY TO ST MARKS
FLORIDA
CM -7820

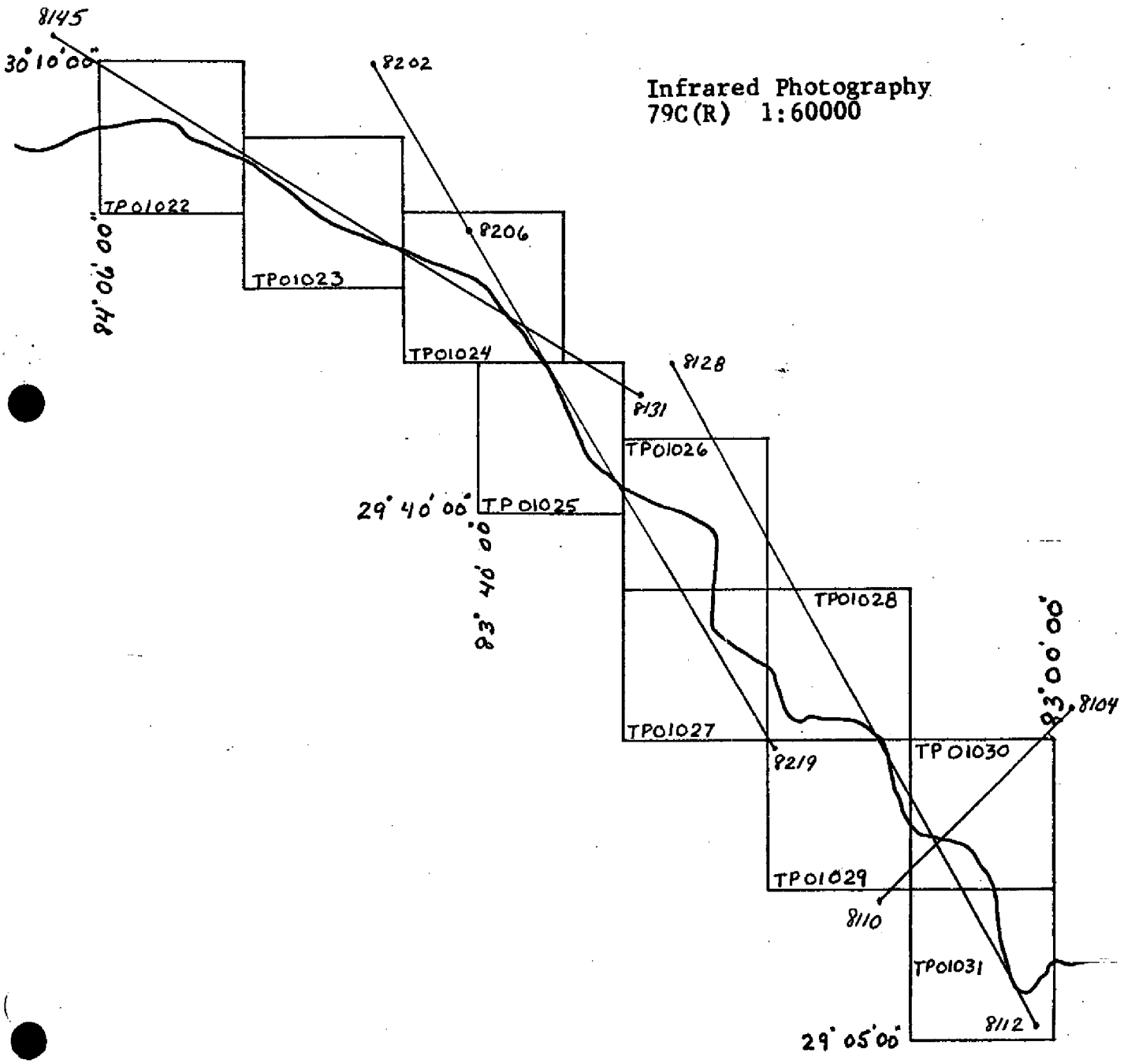
Bridging Photography
79C(p) 1:60000



1 WAKULLA, 1933 (36100)
2 WACISSA 2, 1933 (41100)
3 HAMPTON, 1933 (45100)
4 THELMA, 1933 (50100)
5 MC CAIN L.O.TOWER 1960 (55100)
6 SALEM L.O.TOWER 1960 (103110)
7 HORSESHOE L.O.TOWER 1958 (97110)
8 FLORIDA DEPT OF NAT RESOURSES LAKE BM (A-14) (81100)
9 KEEN, 1933 (82100)
10 TANK, 1933 (87100)
11 LUKENS, 1933 (89100)
12 DUNNARY 3, 1933 (92100)
13 BOM H 12, 1959 (96100)

1R

AEROTRIANGULATION SKETCH
CEDAR KEY TO ST MARKS
FLORIDA
CM-7820



1R

FIT TO CONTROL

▲ - Points used in the strip adjustments

STRIP # 1	X	Y
36101	-5.135	5.222
▲36102	1.265	3.709
▲41101	1.703	-5.437
▲41102	-4.536	-2.530
45101	20.229	-12.705
45102	34.617	-1.685
50101	2.831	11.269
▲50102	4.307	7.823
▲55101	-2.705	-3.583
55102	-5.555	-6.580

STRIP # 2		
87101	72.370	28.143
▲87102	-.102	.216
89101	4.121	4.853
89102	3.842	-2.962
92101	-.061	2.953
▲92102	2.418	.852
▲96101	-6.074	-1.375
96102	-2.692	.388
97110	3.692	5.207
▲55101	4.958	1.717
55102	2.344	4.510
103110	-.708	3.894
49801	1.485	-.006
49802	.653	1.058
50101	-2.390	10.263
50801	5.223	-2.876
▲50802	-1.207	-1.381

FIT TO CONTROL (CON'T)

STRIP # 3	X	Y
50101	-4.184	4.914
▲50102	.674	.063
50802	-4.719	-8.617
▲66801	-1.701	-.071
"	-.674	.511
68801	-1.276	-4.828
68802	-2.298	-1.155
▲99820	1.277	-.095
▲71802	.987	.850
▲96101	-1.231	-.755
96102	-1.699	-.968

STRIP # 4		
92101	2.221	.560
▲92102	-.000	-.000
▲81101	.000	.000
81102	-3.665	-.232
82101	8.902	-5.964
▲82102	.000	.000

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-01028	CM-7820	N A 1927	Rockville, Md.

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Florida ZONE North	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
Horseshoe Lookout Tower, 1958		97110	x= 2,400,392.23	φ 29° 31' 37.267"	
			y= 193,867.04	λ 83° 14' 27.955"	
Bon H 12 USE, 1959		96101	x= 2,380,353.43	φ	
			y= 172,181.33	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	

COMPUTED BY	DATE	COMPUTATION CHECKED BY	DATE
LISTED BY J. Schad	DATE April 1980	LISTING CHECKED BY C. Lewis	DATE July 1980
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

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

Compilation Report

TP-01028

31. Delineation

All alongshore cultural features and interior planimetry on this map were delineated by graphic compilation using rectified black-and-white prints of the 1:60,000 panchromatic photography and the black-and-white prints of the 1:60,000 scale infrared photography. This photography was controlled by map points determined by aerotriangulation.

The MHW line was compiled from the 1:60,000 scale infrared photography.

No GCLW line was compiled on this map.

32. Horizontal Control

Horizontal control was adequate (see Photogrammetric Plot Report).

33. Supplemental Data

One tide station was plotted from a sketch furnished by the Tidal Datum's and Information Branch.

34. Contours and Drainage

Contours are not applicable. Drainage was compiled from rectified black-and-white infrared photography.

35. Shoreline and Alongshore Details

Office interpretation of the rectified black-and-white, infrared photography was adequate for delineating the shoreline and alongshore details.

36. Offshore Delineation

Offshore features compiled on this map consist of cable area located between Horseshoe Beach to Cotton Island.

37. Landmarks and Aids

No landmarks or aids to navigation were located on this map during compilation.

38. Controls for Future Surveys - None

39. Junctions

Refer to NOAA Form 76-36B

40. Horizontal and Vertical Accuracy

This map complies with accuracy requirement for the Florida Coastal Zone Mapping Program as outlined by Project Instructions PH-7000.

41. thru 45. Inapplicable

46. Comparison with Existing Maps

Horseshoe Beach, Fla., 1954, 1:24,000 scale
Shired Island, Fla., 1954, 1:24,000 scale

47. Comparison with Nautical Charts

Comparison was made with the following Nautical Charts:

11407, 9th Edition, May 26, 1979, 1:80,000 scale
11408, 16th Edition, October 28, 1978, 1:80,000 scale

Submitted by,

James Schad

James Schad

Approved and Forwarded:

For: F. Wright
Chief, Coastal Mapping Section

Field Edit Report

TP-01028

CM-7820

51. Methods

Field edit was performed from a skiff run close to shore and by truck. Field edit information is recorded on photo #'s 79 CR 8120 & 8218, and 79 CP 8073. The information is repeated on the discrepancy print for convenience. Changes to the shoreline should be taken from the photography.

Field edit was not conducted over the entire sheet due to the project completion date. All of the Gulf coast was edited; the limits of edit carried up the creeks is shown on the discrepancy print.

52. Adequacy of Compilation

Compilation will be adequate and complete, within the scope of this project, after application of field edit. Numerous oyster bars and mud flats were compiled as islets because the field inspector failed to classify these features. An attempt was made to edit all questionable islets, however, some were omitted due to scheduling pressures. All fast shoreline was verified.

53. Map Accuracy

N/A

54. Recommendations

This map is a splendid example of the need for tide controlled photography when mapping shallow coastlines. In addition, color photography would have been of immense help in the field.

55. Examination of Proof Copy

N/A

56. Boathouse

The shoreline of the area referred to on photo 79 CP 8073 should be changed (delete the boathouse). The shoreline is bulkheaded and shows as a black on the photo. The "j" shaped feature between the boathouse and the marine railway is a fuel pier.

57. Ramp

The ramp shown on the discrepancy is incorrectly positioned; the correct position is shown on 79 CP 8073. The position shown on the print was referenced to the plotted position of the Horseshoe Beach Tide station which is not correct. This was discovered when indicating the ramp on the photo.

Submitted: 3 October 1980

David H. Minkel, LT
Chief, Photo Party 65

REVIEW REPORT
TP-01028
OCTOBER 1984

61. General Statement

Refer to the summary bound with this Descriptive Report.

62. Comparison With Registered Topographic Surveys - None

63. Comparison With Maps of Other Agencies

Refer to the Compilation Report, paragraph 46, bound with this Descriptive Report.

64. Comparison With Contemporary Hydrographic Surveys - None

65. Comparison With Nautical Charts

Refer to the Compilation Report, paragraph 47, bound with this Descriptive Report.

66. Adequacy of Results and Future Surveys

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

Submitted by:

Patrick J. Dempsey
Cartographer

Approved and Forwarded:

for Chief, Photogrammetric Section

for Chief, Photogrammetry Branch

6/27/80

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7820 (St. Marks to Cedar Key, Fla.)

TP-01028

Amason Creek

Bird Island

Boggy Creek

Butler Creek

Butler Island

Cotton Island

Drum Point

Fishbone Creek

Grassy Island

Gulf of Mexico

Horseshoe Beach (Ppl)

Horseshoe Cove

Horseshoe Point

Jim Lee Creek

Little Rocky Creek

Lolly Creek

Tripod Creek

Whackup Creek

Approved by:

Charles E. Harrington

Charles E. Harrington
Chief Geographer

DISSEMINATION OF PROJECT MATERIAL
CM-7820
ST. MARKS TO CEDAR KEYS

National Archives/Federal Records Center

Job Completion Report
Brown Jacket:
- Field photographs
- Discrepancy prints
- 1 stable base copy of TP-01031
- Photogrammetric Plot Report
- Computer listings
- Tide data
- Control station identification cards
- 2 NOAA forms 76-109
- 4 NOAA forms 76-52

Bureau Archives

Registered Map
Descriptive Report

Reproduction Division

8x reduction negative of map

Office of Staff Geographer

Geographic names standards

SVY TP-01028	RPT UNIT CMD, ROCKVILLE, MD.	PAGE 1 OF 2	
JOB CM7820	STATE FLORIDA		
PRJ 833205	LOCALITY HORSESHOE BEACH	ORIGINATING ACTIVITY	
DTM NA1927	DATE 09/00/80	COMPILATION	

OBJECTS INSPECTED FROM SEAWARD POSITIONS DETERMINED AND/OR VERIFIED BY FIELD AND OFFICE ACTIVITIES	DAVID H. MINKEL	PHOTO FIELD PARTY
	DAVID H. MINKEL	FIELD REPRESENTATIVE
	FRANK A. WRIGHT	OFFICE COMPILER
	N/A	DIGITIZER
	JAMES H. TAYLOR	DATA PROCESSER

KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION

OFFICE

1.OFFICE IDENTIFIED AND LOCATED OBJECTS. THE NUMBER AND DATE (INCLUDING MONTH,DAY AND YEAR) OF THE PHOTOGRAPH USED TO IDENTIFY AND LOCATE THE OBJECT ARE SHOWN.
EXAMPLE 75E(C)6042
8-12-77

FIELD

1.NEW POSITION DETERMINED OR VERIFIED

KEY TO SYMBOLS

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* SHOW THE METHOD OF LOCATION AND DATE OF FIELD WORK.
EXAMPLE F-2-6-L
8-12-76

*FIELD POSITIONS ARE DETERMINED BY FIELD OBSERVATIONS BASED ENTIRELY UPON GROUND SURVEY METHODS

FIELD(CONT,D)

B.PHOTOGRAMMETRIC FIELD POSITIONS** SHOW THE METHOD OF LOCATION OR VERIFICATION, DATE OF FIELD WORK AND NUMBER OF PHOTOGRAPH USED TO LOCATE AND IDENTIFY THE OBJECT.
EXAMPLE P-8-V
8-12-77
74L(C)2982

2.TRIANGULATION STATION RECOVERED
WHEN A LANDMARK OR AID WHICH IS ALSO A TRIANGULATION STATION IS RECOVERED, A TRIANG. REC. WITH DATE OF RECOVERY IS SHOWN.
EXAMPLE TRIANG. REC.
8-12-76

3.POSITION VERIFIED VISUALLY ON PHOTOGRAPH SHOWN BY 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.

NOTE: WHERE THE NAME OF AN AID INCLUDES THE IMMEDIATE GEOGRAPHIC HEADING UNDER WHICH IT IS LISTED, A DASH (-) IS USED TO INDICATE THE GEOGRAPHIC HEADING WHICH IS PART OF THE OFFICIAL NAME.

76-4D
LISTING

PHOTOGRAMMETRIC BRANCH
PHOTOGRAMMETRY DIDISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
782707

SVY TP-01028		RPT UNIT	CMD, ROCKVILLE, MD.	PAGE 2 OF 2	
JOB CM7820	LANDMARKS FOR CHARTS	STATE	FLORIDA		
PRJ 833205	TO BE CHARTED	LOCALITY	HORSESHOE BEACH	ORIGINATING ACTIVITY	
DTM NA1927		DATE	09/00/80	COMPILATION	

THE FOLLOWING OBJECTS HAVE BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	DM DP	CMD ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
	ONLY THOSE NONFLOATING AIDS AND LANDMARKS TO NAVIGATION THAT WERE VISIBLE ON THE PHOTOGRAPHY AND LOCATED DURING BRIDGING OR COMPILATION ARE SHOWN ON THIS MAP.						
TOWER	HORSESHOE BEACH COMMUNICATION TOWER	29 28 04.80 83 18 17.60	147.8 474.2	NOT DGTZD		P-5 05/07/80 79CP8073	11407

FORM C&GS-8352
(3-25-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. ____________________

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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