

TP-01104

TP-01104

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of Survey ..Shoreline..(Photogrammetric)....
Job No.CM-8100..... Map No.TP-01104.....
Classification No. III Edition No.1.....
This Map will not be Field Edited

LOCALITY

State
General Locality West Indies
Locality Navassa Island
.....

19 81 TO 19

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN. <h3 style="text-align: center;">DESCRIPTIVE REPORT - DATA RECORD</h3>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TP. <u>01104</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III</u> CM <u>8100</u> JOB PH. _____
PHOTOGRAMMETRIC OFFICE Photogrammetry Division (Rockville)		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
OFFICER-IN-CHARGE Walter S. Simmons			
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Verbal per Branch Chief - April 81		Field - Job CM-8100 Dec. 30, 1980 Change NO. 1 Amendment Feb. 4, 1981	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify) _____	
2. VERTICAL: <input type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify) <u>NA</u>	
3. MAP PROJECTION Meractor		4. GRID(S) STATE <u>UTM</u> ZONE <u>18</u>	
5. SCALE 1:5,000		STATE _____ ZONE _____	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		<u>J. Schad</u>	<u>4/81</u>
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Coradi Plotter</u> CHECKED BY		<u>A. Bethea</u>	<u>4/81</u>
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: <u>NOSAP</u> SCALE: <u>1:5,000</u> CONTOURS BY CHECKED BY		<u>J. Schad</u>	<u>8/81</u>
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: <u>Smooth Drafting</u> CONTOURS BY CHECKED BY SCALE: <u>1:5,000</u> HYDRO SUPPORT DATA BY CHECKED BY		<u>J. Schad</u>	<u>5/81</u>
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		<u>None</u>	
6. APPLICATION OF FIELD EDIT DATA BY		<u>None</u>	
7. COMPILATION SECTION REVIEW BY		<u>F. Wright</u>	<u>5/81</u>
8. FINAL REVIEW BY		<u>R. Kelly</u>	<u>7/81</u>
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		<u>R. Kelly</u>	<u>9/81</u>
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		<u>H. D. Wore</u>	<u>MAR 1982</u>

COMPILATION SOURCES

TP-01104

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 Focal Length 152.71mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE NA		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Eastern	<input checked="" type="checkbox"/> STANDARD
<input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN 75th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
81 E(c) 9255-58	2/22/81	14:14	1:15,000	NA	
REMARKS					

2. SOURCE OF MEAN HIGH-WATER LINE:

Refer to compilation report

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

NA

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	None	None	None

REMARKS

NOAA FORM 61-29 (12-71)	U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANOGRAPHIC AND ATMOSPHERIC ADMINISTRATION	REFERENCE NO. C3415
LETTER TRANSMISSION DATA TO: Vault, Data Control Branch Thru: Nautical Branch Area #8/C321 ATTN: Area Chief		DATA AS LISTED BELOW WERE FORWARDED TO YOU BY (Check): Messenger <input type="checkbox"/> ORDINARY MAIL <input type="checkbox"/> AIR MAIL <input type="checkbox"/> REGISTERED MAIL <input type="checkbox"/> EXPRESS <input type="checkbox"/> GBL (Give number) _____
NOTE: A separate transmittal letter to be used for each type of data, as tidal data, seismology, geomagnetism, etc. State the number of packages include an executed copy of the transmittal letter in each package. In addition the original and one copy of letter should be sent under separate cover. The copy will be returned as a receipt. This form should not be used for correspondence or transmitting accounting documents.		DATE FORWARDED March 8, 1982
Registered Maps Manuscripts and Descriptive Reports TP-01104 Project CM-8100		NUMBER OF PACKAGES One
FROM: (Signature) H. D. Wolf Chief, Photo Map & Imry Section	RECEIVED THE ABOVE (Name, Division, Date)	
Return receipt copy to: NOAA/National Ocean Survey Photogrammetry Division, C3415 6001 Executive Boulevard Rockville, Maryland 20852		

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

HISTORY OF FIELD OPERATIONS

TP-01104

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	D. W. Yeager	2/81
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	D. W. Yeager	2/81
	D. W. Yeager	2/81
3. VERTICAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	D. W. Yeager	2/81
4. LANDMARKS AND AIDS TO NAVIGATION RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	D. W. Yeager	2/81
5. GEOGRAPHIC NAMES INVESTIGATION TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY. <input type="checkbox"/> NO INVESTIGATION	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 Premarked		2. VERTICAL CONTROL IDENTIFIED Premarked	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS (Clarification of details) N/A			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED N/A			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
5. GEOGRAPHIC NAMES: N/A <input type="checkbox"/> REPORT <input type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: N/A <input type="checkbox"/> REPORT <input type="checkbox"/> NONE	
7. SUPPLEMENTAL MAPS AND PLANS N/A			
8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) N/A Vertical Field Records are on file at AMC.			

NOAA FORM 76-36C
(3-72)

RECORD OF SURVEY USE

TP-01104

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
TP-01104 shoreline only	5/81	Shoreline manuscript, 1:10,000 scale sent to AMC.		5/81
Shoreline Manuscript	7/81	Class III Map Field Edit Canceled	8/81	

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: _____

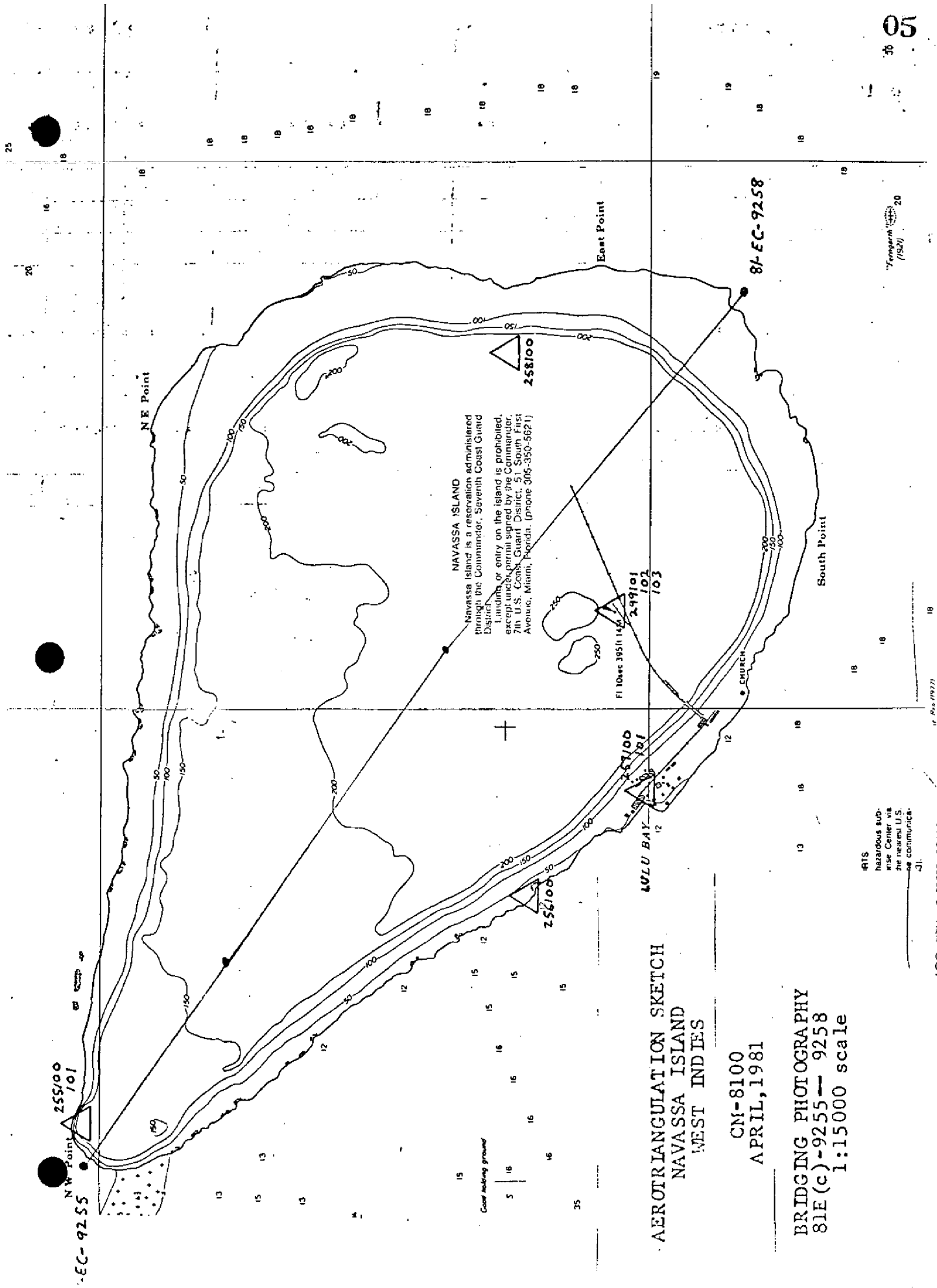
3. REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

- BRIDGING PHOTOGRAPHS; DUPLICATE BRIDGING REPORT; COMPUTER READOUTS.
- CONTROL STATION IDENTIFICATION CARDS; FORM NOS 567 SUBMITTED BY FIELD PARTIES.
- SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:
- DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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

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



AEROTRIANGULATION SKETCH
 NAVASSA ISLAND
 WEST INDIES

CN-8100
 APRIL, 1981

BRIDGING PHOTOGRAPHY
 81E(c)-9255--9258
 1:15000 scale

RTS hazardous sub- wise Center via the nearest U.S. as communi- -J)

Fig. 10 (1972)

Figure 10 (1972)

Summary - TP-01104

Project CM-8100 comprises one map TP-01104 at the scale of 1:5,000 of Navassa Island, which is located in the West Indies between Jamaica and Haiti. The manuscript is plotted on a Mercator Projection using $18^{\circ}24'30''$ as the scaled latitude.

The purpose of this map was to provide shoreline data in support of hydrographic operations and charting.

Field work prior to compilation was accomplished in February 1981. This involved the establishing and premarking of horizontal and vertical control in order to meet aerotriangulation requirements.

Photography was taken in February 1981 using the Wild RC-8 "E" camera. Aerotriangulation and compilation photography was obtained at 1:15,000 scale using color film.

Analytic bridging was adequately provided by the Aerotriangulation Section (Rockville).

Shoreline and topographic mapping was performed by the Coastal Mapping Section (Rockville) in May 1981.

Final review for this manuscript was performed by the Quality Control Photogrammetric Branch (Rockville) in July 1981. The manuscript and accompanying data was examined for accuracy, adequacy, completeness, and conformance to specifications. The shoreline is approximate because of the sheer and overhanging cliffs which obscures the shoreline and alongshore detail in many places. TP-01104 was registered as a Class III map.

A Chart Maintenance Print will be forwarded to the Nautical Data Section of the Marine Chart Division, August 1981.

A 8x reduction negative is on file in the Reproduction Division in Main Commerce.

A 3x reduction of this map was forwarded to Chart Planning and Technology Group (C32x2).

This Descriptive Report contains all pertinent reports and listings of all data used in the completion of this map. The records for this map will be contained in the Federal Records Center and National Archives.

TP-01104
Field Inspection Report

No field inspection report submitted. Field operations limited to establishment of control only.

Photogrammetric Plot Report
Nayassa Island, West Indies
CM-8100
April 1981

21. Area Covered

The area covered by this project is Nayassa Island in the West Indies, located about halfway between Jamaica and Haiti.

22. Method

One strip of 1:15,000 scale photography was bridged by analytic aerotriangulation methods. Horizontal control consisted of 5 premarked panels, Navassa Island lighthouse and 3 photoidentified points. Vertical control was provided by field determined elevations of 4 of the paneled horizontal control stations used for bridging. Ratio points were determined and ordered by this office for compilation.

The UTM coordinate system in Zone 18 was used to adjust the bridging strip.

The manuscript was plotted with a Mercator projection using a scaled latitude of $18^{\circ}24'30''$.

23. Adequacy of Control

The two sub points (building corners) off of Navassa Island lighthouse identified as points 299102 and 299103 were consistently in error in the Y and X direction respectively by 1 meter. As a result these points were not used in the adjustment.

All other control checked well within map accuracy standards and is sufficient for its intended use.

24. Supplemental Data

No supplemental data was used.

25. Photography

The coverage, overlap, and quality of the photography were adequate for bridging purposed, but due to the sheer cliffs that surround the island, the shoreline is obscured in many places.

Submitted by,

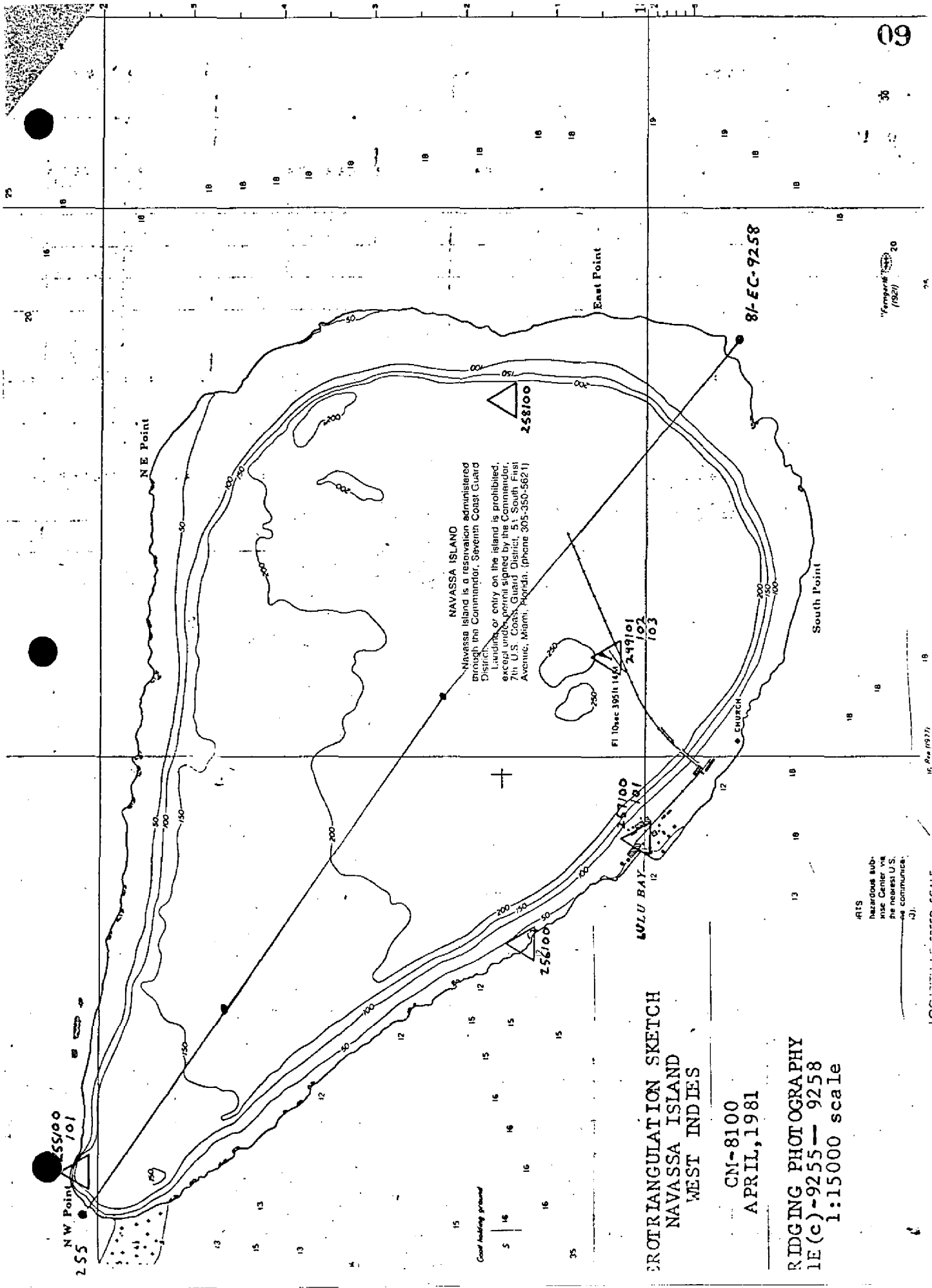


Brian Thornton

Approved and Forwarded:



Don O. Norman
Chief, Aerotriangulation Section



NAVASSA ISLAND
 Navassa Island is a reservation administered through the Commander, Seventh Coast Guard District.
 Landing or entry on the island is prohibited, except under permit signed by the Commander, 7th U.S. Coast Guard District, 51 South First Avenue, Miami, Florida. (phone 305-350-5621)

EROTRIANGULATION SKETCH
 NAVASSA ISLAND
 WEST INDIES

CM-8100
 APRIL, 1981

RIDGING PHOTOGRAPHY
 1E(c)-9255-9258
 1:15000 scale

RTS
 hazardous sub-
 stitute Center
 for Federal U.S.
 Government
 (2)

16, Pos (927)

"Ferryport" 20
 (1921)

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-01104	JOB NO. CM-8100	GEODEIC DATUM 1927 NORTH AMERICAN		ORIGINATING ACTIVITY Rockville, Md.			
		field determined elevation					
STATION NAME	SOURCE OF INFORMATION (index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN METERS		GEOGRAPHIC POSITION		REMARKS
			SXXX UTM ZONE 18		ϕ LATITUDE	λ LONGITUDE	
Navassa 1981	field furnished positions	299100	x= 498603.82 y= 2033945.06	ϕ 18 23 47.845 λ 75 00 47.586			
Navassa Island Lighthouse (center) 1981	"	299101	x= 498604.58 y= 2033947.43	ϕ 18 23 47.922 λ 75 00 47.560			
East End 1981	"	258100	x= 499516.49 y= 2034187.20	ϕ 18 23 55.726 λ 75 00 16.480			
Sta. 51196 (Dopper)	"	257100	x= 498044.16 y= 2033811.02	ϕ 18 23 43.482 λ 75 01 06.660			
Anchorage 1981	"	256100	x= 497675.23 y= 2034254.62	ϕ 18 23 57.915 λ 75 01 19.236			
Northwest Point 1981	"	255100	x= 496979.70 y= 2035762.03	ϕ 18 24 46.962 λ 75 01 42.950			
Lulu 1981	"	300100	x= 497969.36 y= 2033785.51	ϕ 18 23 42.652 λ 75 01 09.209			
Phosphate 1981	"	250100	x= 496950.08 y= 2035470.74	ϕ 18 24 37.484 λ 75 01 43.958			
			x=	ϕ			
			y=	λ			
			x=	ϕ			
			y=	λ			
COMPUTED BY		DATE	COMPUTATION CHECKED BY				DATE
LISTED BY	J. Schad	DATE 5/81	LISTING CHECKED BY F. Wright				DATE 5/81
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY				DATE

Compilation Report
TP-01104

31. Delineation

The manuscript was compiled on the NOSAP stereoplotter at a scale of 1:5,000 and controlled by map points determined through the NOSAP bridging program.

32. Control

The center model of a 3-model-strip was set on the NOSAP instrument for a model setup check. Using the six pass points furnished by the Aerotriangulation Section for horizontal and vertical control, the model could not be held vertically. The four wing points were used for horizontal and vertical control and the two center points for check points. The result was that one side of the model held relatively flat while the other side had excessive tilt. The center vertical was off by two meters and rocks along the northwest shoreline gave a reading of + six meters. This twist was due to a lack of field established vertical control and could be determined only by setting a stereomodel.

The strip was then readjusted using the NOSAP bridging program. A vertical control point was added on the northwest edge of the island where a group of rocks was seen on one photograph and only the top of one of these rocks was visible on the adjoining photograph. This rock was assigned a value of + two meters and held in the adjustment.

This elevation was selected for several reasons:

1. The relationship between the field established vertical control and the water level was unknown.

2. One of the few places the land/water interface was visible and adjacent to a field established elevation^{which was} at Station Northwest Point, the elevation read +.7 meter.

3. The land/water interface was not visible along the area where a vertical point was needed, but only this cluster of rocks.^{was visible} All rocks were covered on one photograph by waves except one, indicating considerable elevation.

4. Although this value could be off ± 1 meter, the contours would still be within accuracy standards.

<u>Fit to Control in Meters</u>	<u>X</u>	<u>Y</u>	<u>Z</u>
1. Northwest Point, 1981	0.03	0.00	0.19
2. Anchorage, 1981	-0.14	-0.10	-0.42
3. East End, 1981	0.03	-0.03	0.03
4. Sta 51196 (Doppler)	0.08	0.13	0.31
5. Rock (Office ID)	*	*	-0.11

A comparison was made with the pass points from the previous bridge and it showed a maximum difference of 0.5 meter in X, 0.25 meter in Y, and 2.0 meters in the vertical.

The UTM coordinate system in Zone 18 was used to adjust the bridging strip.

The manuscript is plotted with a Mercator Projection using a scaled latitude of $18^{\circ}24'30''$.

All control was held within map accuracy standards and is sufficient for its intended use.

33. Supplemental Data - None

34. Contours and Drainage

Contour interval was at 15 meters with five meters supplemental contours. The photographs were adequate for this project.

No drainage pattern was discernible on this island.

35. Shoreline and Alongshore Details

Because of the sheer cliffs that rise from the water or have been under cut by the wave action, the shoreline and alongshore details are obscured on the photographs around most of the island. Consequently, 90 percent of the shoreline shown is the top of the bluff.

36. Offshore Details

No offshore detail was compiled.

37. Landmarks and Aids

One lighthouse was located during field operation.

38. Control for Future Surveys

All control on this island was established in 1981. No supplemental points were established by Aerotriangulation Section or Compilation Section.

39. Junctions - None

40. Horizontal and Vertical Accuracy

Control for this map complies with the National Map Accuracy Standards.

3

41. through 46. Inapplicable

47. Comparison with Nautical Charts

26194, Navassa Island, 1:12,000 scale, 7/8/78.

Submitted by,

James Schad

James Schad.

Approved and Forwarded:

Frank A. Wright

Frank Wright
Chief, Coastal Mapping Section

Review Report
Shoreline and Topographic
TP-01104

61. General

See the included Summary for this Class III map.

62. thru 64. Inapplicable

65. Comparison with Nautical Charts

A comparison was made with Chart 26194, 3rd Edition, July 8, 1978, scale 1:12,000, local datum with 50' contours and sounding in fathoms. TP-01104 was mapped at 1:5,000 scale, contour interval 15 meters with 5 meter supplemental.

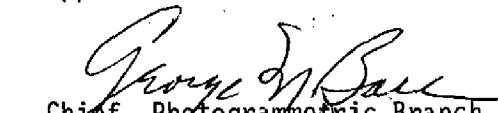
66. Adequacy of Results and Future Surveys


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

Submitted by,


Robert B. Kelly

Approved and Forwarded:


Chief, Photogrammetric Branch


Chief, Photogrammetry Division

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-8100 (Navassa Island)

TP-01104

Caribbean Sea

East Point

Lulu Bay

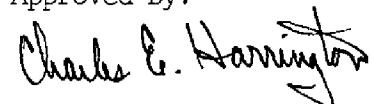
Navassa Island

Northeast Point

Northwest Point

South Point

Approved by:



Charles E. Harrington
Chief Geographer, OA/C3x5

NOAA FORM 76-40
(8-74)

Replaces C&GS Form 567.

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

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
 TO BE REVISED
 TO BE DELETED

REPORTING UNIT
(Field Party, Ship or Office)

Rockville, Md.

~~XXXXX~~

West Indies

LOCALITY

Navassa Island

DATE

5/81

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)

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

OPR PROJECT NO.

JOB NUMBER

CM-8100

SURVEY NUMBER

TP-01104

DATUM

NA 1927

POSITION

LATITUDE LONGITUDE

° / // ° / //

D.M. Meters D.P. Meters

Light

DESCRIPTION
(Record reason for deletion of landmark or aid to navigation.
Show triangulation station names, where applicable, in parentheses)

(Navassa Island Lighthouse 1981)

18 23

47.922
1473.31

75 00

47.560
1359.98

METHOD AND DATE OF LOCATION
(See instructions on reverse side)

OFFICE

FIELD

F-2-6-L
2/15/81

CHARTS
AFFECTED

26194

RESPONSIBLE PERSONNEL		ORIGINATOR
NAME		
TYPE OF ACTION		<input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)
OBJECTS INSPECTED FROM SEAWARD		FIELD ACTIVITY REPRESENTATIVE
POSITIONS DETERMINED AND/OR VERIFIED	D. W. Yeager	OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	J. Schad	<input type="checkbox"/> REVIEWER <input type="checkbox"/> 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 (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	
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: P - Field L - Located V - Visually 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	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	
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	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.