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-6410 Map No. T-12704
Classification No. Incomplete Edition No1
· · · · · · · · · · · · · · · · · · ·
LOCALITY
State Alaska
General Locality Montague Island
Locality San Juan Bay
19 64 TO 19
REGISTRY IN ARCHIVES
DATE
WATE

☆ U.S. GOVERNMENT PRINTING OFFICE: 1974-762-901

* CLASS III MANUSCRIPT

	T-12704			
PROJECT NO. (11):				
PH-6410				•
FIELD OFFICE (II):		CHIEF OF PARTY	,	
None	•		•	
PHOTOGRAMMETRIC OFFICE (III):		OFFICER-IN-CHA	RGE	
Atlantic Marine Center, Norfolk, Virgini	a.	J. Bull - D	irector	
Field Office Field Office, Amendment I Office, Amendment I to Feb. I Field Office Office Office Amendment I Field Office Amendment I Field Office Amendment I Kelsh Plotter MANUSCRIPT SCALE (III):	STEREOSCI	tructions		65 965 965 65 65 66 966
1:20,000		0 pantograph		
DATE RECEIVED IN WASHINGTON OFFICE (IV):		ORTED TO NAUTIC	,	?* ·
APPLIED TO CHART NO.	DATE:		DATE REGIST	1978
GEOGRAPHIC DATUM (III): NA, 1927		VERTICAL DATI XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	EXCEPT AS F as (25) refer to as (5) refer to a	mean high water ounding datum
REFERENCE STATION (III):		<u> </u>		
JUAN, 1965		•		·
LAT.: LONG.:		ADJUSTED X	D	
PLANE COORDINATES (IV):		STATE		ZONE
v = 2,121,561.64 ft. x = 149,035.78	ft.	Alas	ka	3
ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE FOR (IV) WASHINGTON OFFICE.	(NTERED BY (II)	FIELD PARTY, (III)	PHOTOGRAMME	ETRIC OFFICE,

FIELD INSPECTION BY (II):

FIELD EDIT CANCELLED

THE PROPERTY OF THE PROPERTY O

DATE:

DESCRIPTIVE REPORT - DATA RECORD

T-12704

MEAN HIGH WATER LOCATION (III) (STATE DATE		F LOCATION):	
Air photo compilation - Augus	t 15, 1964		
NO MEAN LOWER LOW-W		€	
PROJECTION AND GRIDS RULED BY (IV):	1/ 4/ 1/4		DATE
A. E. Roundtree			3/17/66
PROJECTION AND GRIDS CHECKED BY (IV):	Tomas Comment		DATE
R. Glaser	ages of the		3/22/66
CONTROL PLOTTED BY (III):			DATE
K. G. Boyle			3/30/66
			3,30,00
CONTROL CHECKED BY (III):			DATE
L. O. Neterer, Jr.			3/30/66
L. O. Neberer, Sr.			
RADIAL PLOT OR STEREOSCOPIC CONTROL EXT	ENSION BY (III):		DATE
D. O. Norman			11/65
STEREOSCOPIC INSTRUMENT COMPILATION (III)	PLANIMETRY	C. Blood	DATE 1/68
Kelsh Plotter	Reviewed	L. O. Neterer, Jr.	1/68
	CONTOURS		DATE
		Inapplicable	
MANUSCRIPT DELINEATED BY (III):			DATE
C. Blood			7/68
SCRIBING BY (III):			DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (111):			10/28/68
COMPILATION: B. Wilson			

8/06/75

USCOMM.DC 363938.P66

DESCRIPTIVE REPORT - DATA RECORD T-12704

AMERA (KIND OR SOURCE) (III):

USC&GS Type "W"

	Рно	TOGRAPHS (III)	· · · · · · · · · · · · · · · · · · ·			
NUMBER	DATE	TIME	SCALE	ST	AGE OF TI	DE
64 W 1862 thru 1865 64 W 1755 and 1756 64 W 1809 thru 1811 64 W 5763 thru 5766 64 W 1434 thru 1442	8/15/64 8/15/64 8/15/64 4/14/64 8/07/64	11:01 09:50 10:19 14:13 14:33	1:30,000 1:30,000 1:30,000 1:20,000 1:10,000	4.3 ft 4.3 ft 1.0 ft	above above above above below	MLLW MHW
	D 31	-4-1				· - <u></u> -
	rredi	cted TIDE(III)		RATIO OF RANGES	MEAN RANGE	Diurn XSDEXXX
REFERENCE STATION: COP	dova, Alaska				10.0	12.4
SUBORDINATE STATION:				-		1
SUBORDINATE STATION: Mac	leod Harbor, Ala	ska			9.0	11.3
MASHINGTON OFFICE REVIEW B	Y (IV):			DATE:		<u>,</u>
PROOF EDIT BY (IV):	,			DATE:		
NUMBER OF TRIANGULATION ST	ATIONS SEARCHED FOR	(0): 1	RECOVERED:	IDENTIFIE	D: 1	
NUMBER OF BM(S) SEARCHED F	os (II):' None		RECOVERED: None	IDENTIFIE	o , Non	e
NUMBER OF RECOVERABLE PHO	OTO STATIONS ESTABLIS	SHED (III): Non	e			
NUMBER OF TEMPORARY PHOTO	O HYDRO STATIONS EST.	ABLISHED (III):	None			
REMARKS:						

COMPILATION RECORD	COMPLETION DATE	REMARKS
Alongshore area for hydro.	10/28/68	Incomplete manscript
Field edit cancelled.	8/06/75	Incomplete manscript
Final Review.	8/77	Class III manscript
FEW CORRECTIONS MADE PRIOR TO REGISTRATION	TO MARINE CHARTS	"

1

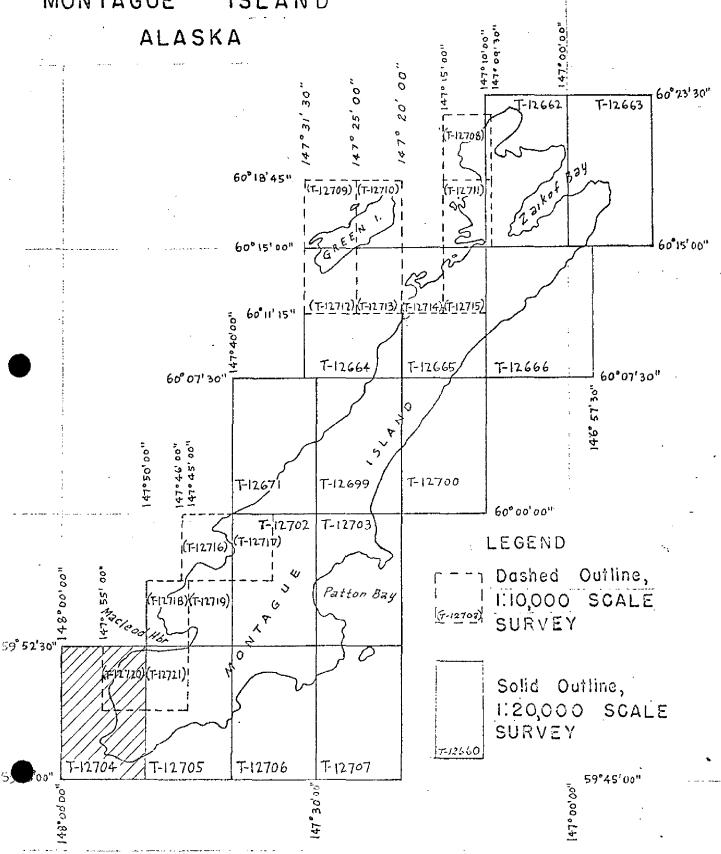
Ŧ....

JOB PH-6410

SHORELINE MAPPING

SCALE, 1:10,000 - 1:20,000

MONTAGUE ISLAND



SUMMARY TO ACCOMPANY DESCRIPTIVE REPORTS

T-12662 through T-12666, T-12671, T-12699, T-12700 and T-12702 through T-12721

Project PH-6410 was originally designated 21423 (3). It consists of fourteen maps at 1:10,000 scale and fourteen maps at 1:20,000 scale. Its purpose was to provide up-to-date shoreline for hydrography and for nautical chart construction. Map T-12701, 1:20,000 scale, originally a part of the project, was cancelled.

This project covers Montague Island, Green Island and Little Green Island bordered by Prince William Sound and the Gulf of Alaska. The area was significantly affected by the earthquake of March 27, 1964. Uplifts of as much as 32 ft. have been recorded. This action created new shoreline and alongshore features. The new features, in many instances, appear to be composed of loosely consolidated materials. The configuration of some features as recorded on the August, 1964 photographs could have changed significantly since photography as a result of natural weathering and settling forces.

Photograph coverage was not sufficient to allow the delineation of two previously charted offshore islands at lat. 60° 06.7', long. 147° 36.1' (THE NEEDLE) and lat. 60° 11.9', long. 147° 27.1' and a rock at lat. 60° 17.3', long. 147° 28.0'. All three of which lie within the project limits.

Field work prior to compilation was limited to the recovery establishment and identification of horizontal control necessary for bridging.

The original project, designated 21423(3), was bridged at the Washington Science Center by analytic methods in February, 1965. This bridge did not yield a sufficiently satisfactory solution and resulted in a Preliminary Classification for all compilation drived from it. This compilation took place at the Portland Photogrammetric Office during March and April, 1965. All preliminary data including the base maps and ratio photography was later destroyed.

Incomplete maps were produced at the Atlantic Marine Center from a new bridge run in November, 1965. Compilation was by Kelsh instrument and graphic methods.

Details were delineated on the north margins of T-12716 and T-12718. This was necessary because of a lack of map coverage in these areas.

Map T-12701, a 1:20,000 scale map, was cancelled.

A partial field edit was done on maps T-12671 and T-12699 in May 1975. A complete edit was done for the details shown on T-12664 at the same time. Field edit was cancelled for all the remaining maps in the project. However, the field editor did give the height of three rocks and the identification of a small gravel beach area on T-12714, which was applied.

Final review was performed at the Atlantic Marine Center. The original base manuscripts were forwarded to the Rockville office in September, 1977 for final registration.

FIELD INSPECTION

T-12704

There was no field inspection prior to compilation.

Photogrammetric Plot Report No. 2 Montague Island, Alaska PH-6410 November 1965

This report supersedes the plot report on Montague Island dated February 1965.

21. Area Covered

This report pertains to Montague and Green Islands, Alaska (Zone 3). The sheets covered are T-12660 through T-12666, T-12671 and T-12699 through T-12721.

22. Method

Four strips were bridged by analytic aerotriangulation. Three of the strips had been bridged in January 1965, but the control furnished at that time was inadequate. New control has since been furnished and it was necessary to remeasure only the models in which the new control appeared.

Strips #1, #3, and a strip covering Green Island were adjusted to ground in the normal manner. Strip #2 was adjusted to ground with common points transferred from Strip #1. Common points were also transferred from Strip #1 to the 1:30,000 scale photography that is to be used by compilation. The common points are 180 micron drill holes and there are four per model.

23. Adequacy of Control:

The new control was adequate, however, it was not possible to identify the sub-points of RIVER 2, 1955, or VIC, 1933, on the bridging photography. The use of these stations was not necessary for a satisfactory adjustment.

Sub-point "A" of JUAN, 1965, would not hold with its companion station, sub-point "B". Each sub-point was used in a preliminary straight line adjustment of the strip and sub-point "B" was found to fit well with the other control stations in the strip, while sub-point "A" was so far out of line that we strongly suspect a misidentification.

24. Supplemental Data

Approximate elevations were taken from U.S.G.S. topographic quadrangles to satisfy the requirements of the horizontal-vertical strip adjustment program.

25. Photography

The photography was adequate.

Respectfully submitted:

Don O. Norman

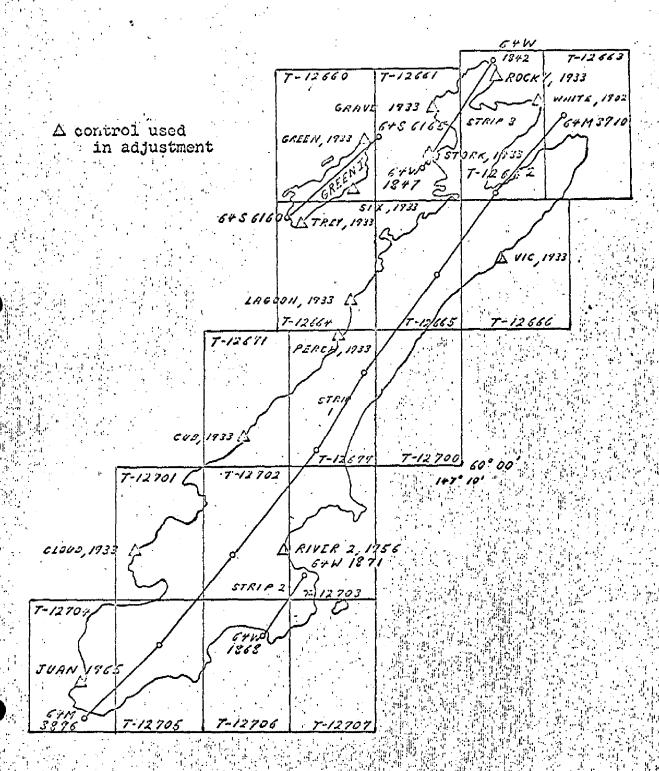
Approved and forwarded:

Henry P. Eichert

Acting Chief, Aerotriangulation Section

STRIP #1 ▲ used in adjustment 😘 JUAN, 1965 △ sub station "A" A used as check -45.1 ▲ sub station "B" - 1.0 - 0.1 CLOUD, 1933 △ sub station "A" ▲ sub station "B" + 8.8 + 5.5 + 1.1 + 1.3 CUB, 1933 △ sub station "A" ▲ sub station "B" PERCH, 1933 RM #3 A sub station "A" A sub station "B" - 1.9 + 0.1 -00.2 - 1.1 LAGOON, 1933 A sub station "A" - 0.2 ∆ sub station "B" + 3.6 +11.9 WHITE, 1902 △ sub station "A" +14.0 + 5.2 ▲ sub station "B" + 0.5 - 0.9 STRIP #2 (adjusted on tie points from Strip #1) **▲** 14401 +0.4 -0.3 +0.8 **Δ** 14402 -0.8 **1**4403 +0.9 -1.2 -0.4 **▲** 14404 +0.4 STRIP #3 ROCKY, 1933 ROCKY, 1933 △ sub station "A" - 2.0 - 2.0 ▲ sub station "B" 0.0 0.0 GRAVE, 1933 A sub station "A" 0.0 A sub station "B" - 1.8 STORK, 1933 **- 1.6** ∆direct + 2.1 + 0.1 0.0 ▲ sub station GREEN ISLAND TREY, 1933 ▲ sub station "A" 0.0 0.0 \triangle sub station "B" - 0.3 + 1.6 SIX, 1933 RM #2 △ sub station "A" - 1.9 + 0.6 ▲ sub station "B" 0.0 0.0 + 0.6 GREEN, 1933 ▲ sub station "A" 0.0 0.0 △ sub station "B" - 0.4 + 2.4

AEROTRIANGULATION SKETCH
MONTAGUE ISLAND
PH-6410
November, 1965



9 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (8438.36) Coastal Mapping (964,22) Virgini BACK 8/28/68 REMARKS Norfolk 9035.78 FORWARD 1561.64 DATE DATE DATE ŧ ORIGINATING ACTIVITY AMC, GEOGRAPHIC POSITION λ LONGITUDE \$\psi\$ LATITUDE SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE. Wilson DESCRIPTIVE REPORT CONTROL RECORD 0 ~ 0 ⊕-↔ \prec Ф. Ф. Ф \prec • • ~ Φ. 1927 HAND PLOTTING CHECKED BY COMPUTATION CHECKED BY 149,035.78 2,121,561.64 Alaska COORDINATES IN FEET LISTING CHECKED BY STATE ZONE il. ĭ #, 5 ž *y*= * ¥ ¥ 7 ÿ ۳ 7 ä 7 4 **∺** ₽, AEROTRI-ANGULATION POINT NUMBER DATE 1/19/68 DATE DATE PH-6410 Form 738 Trav. Comp. SOURCE OF INFORMATION Rauck, ပံ STATION NAME T-12704 Ą JUAN, 1965 HAND PLOTTING BY COMPUTED BY LISTED BY MAP NO.

COMPILATION REPORT

T-12704

31. <u>DELINEATION</u>:

The Kelsh plotter was used. The photography was satisfactory. There was no field inspection.

32. CONTROL:

See Photogrammetric Plot Report No. 2 dated November 1965, attached.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are inapplicable.

See Item 31 for drainage.

35. SHORELINE AND ALONGSHORE DETAILS:

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

36. OFFSHORE DETAILS:

See Item 31.

37. LANDMARKS AND AIDS:

None.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

Junction has been made with T-12705 and T-12721 at 1:10,000 scale to the east. There is no contemporary survey to the north, west, or south.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

41. COMPARISON WITH OLD HYDROGRAPHIC SURVEYS:

This map has been compared with H-4730, dated 1927, scale 1:60,000.

46. COMPARISON WITH EXISTING MAPS:

Comparison has been made with USGS Quadrangle BLYING SOUND (D-3), ALASKA, dated 1953, scale 1:63,360.

47. COMPARISON WITH NAUTICAL CHARTS:

Comparison has been made with Chart 8515, scale 1:81,436, published November 1935 (7th edition) and revised to February 14, 1949.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Respectfully submitted:

Mont C. Nauch. J. FOR.

Cartographic Technician

Approved:

Albert C. Rauch g., Albert C. Rauck, Jr.

Chief, Coastal Mapping Section, AMC

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6410 (Montague Island, Alaska)

T-12704

Cape Cleare

Gulf of Alaska 🗸

Montague Island -

Montague Strait 🗸

San Juan Bay

Approved by:

Charles E. Harrington Staff Geographer - C51x2

			U.	S. DEPARTMENT OF COMMERCE
(9-66)	РНО	TOGRAMMET	RIC OFFICE REVIEW	COAST AND GEODETIC SURVEY
			12704	
). PROJECTION AND GRIDS	2 TITLE		3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
I. PROJECTION AND GRIDS	2 1116		3. MAROSCRIPT NOMBERS	4. MANUSCRIPT SIZE
BW	BV	<u> </u>	B₩	BW
CONTROL STATIONS				
5. HORIZONT AL CONTROL STA THIRD-ORDER OR HIGHER A	TIONS OF CCURACY	6. RECOVERAB OF LESS TH (Topographic	LE HORIZONTAL STATIONS AN THIRD-ORDER ACCURACY stations)	7. PHOTO HYDRO STATIONS
BW		i	NA	NA
8, BENCH MARKS	9. PLOTTING (F SEXTANT	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
NA	NA NA		BW	
ALONGSHORE AREAS (Nautical	Chart Data)		<u></u>	·•····································
12. SHORELINE	13. LOW-WATER	LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
		_	700	
BW 16. AIDS TO NAVIGATION	17. LANDMARK	·	BW 18. OTHER ALONGSHORE	NA NA
IN AIDS TO NAVIGATION	IV. EARDMARK	.5	PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
NA.	N.A	1	BW	BW
PHYSICAL FEATURES				-
20. WATER FEATURES		21. NATURAL (GROUND COVER	22. PLANETABLE CONTOURS
] BW			NA	NA
23. STEREOSCOPIC INSTRUMENT CONTOURS	24, CONTOURS	IN GENERAL	25. SPOT ELEVATIONS	26, OTHER PHYSICAL FEATURES
NA	N.A	1	NA	BW
CULTURAL FEATURES				
27. ROADS	28. BUILDINGS	l	29. RAILROADS	30. OTHER CULTURAL FEATURES
NW] NV	ī	NW	NW
BOUNDARIES				
- 81			32. PUBLIC LAND LINES	
31. BOUNDARY LINES				37.4
N	Α			NA
	A	34. JUNCTIONS		NA 35. LEGIBILITY OF THE MANUSCRIPT
MISCELLANEOUS 33. GEOGRAPHIC NAMES	A	34. JUNCTIONS		35. LEGIBILITY OF THE MANUSCRIPT
N MISCELLANEOUS	A		BW T38. FIELD INSPECTION	35. LEGIBILITY OF THE
MISCELLANEOUS 33. GEOGRAPHIC NAMES BW			BW	35. LEGIBILITY OF THE MANUSCRIPT BW
MISCELLANEOUS 33. GEOGRAPHIC NAMES BW 36. DISCREPANCY OVERLAY		VE REPORT	BW T38. FIELD INSPECTION	35. LEGIBILITY OF THE MANUSCRIPT BW
MISCELLANEOUS 33. GEOGRAPHIC NAMES BW 36. DISCREPANCY OVERLAY 40. REVIEWER B. Will	37. DESCRIPTI	VE REPORT	BW 38. FIELD INSPECTION PHOTOGRAPHS NA ISUPERVISOR, REVIEW SECTION	35. LEGIBILITY OF THE MANUSCRIPT BW 39. FORMS NA
MISCELLANEOUS 33. GEOGRAPHIC NAMES BW 36. DISCREPANCY OVERLAY 40. REVIEWER Albert C. Rauch.	37. DESCRIPTI BY Son 7. FOA.	VE REPORT	BW 38. FIELD INSPECTION PHOTOGRAPHS NA ISUPERVISOR, REVIEW SECTION Allegt C.	35. LEGIBILITY OF THE MANUSCRIPT BW 39. FORMS
MISCELLANEOUS 33. GEOGRAPHIC NAMES BW 36. DISCREPANCY OVERLAY 40. REVIEWER Albert C. Rauch B. Will	37. DESCRIPTI BY SON FOR. SON	VE REPORT	BW 38. FIELD INSPECTION PHOTOGRAPHS NA ISUPERVISOR, REVIEW SECTION	35. LEGIBILITY OF THE MANUSCRIPT BW 39. FORMS NA
MISCELLANEOUS 33. GEOGRAPHIC NAMES BW 36. DISCREPANCY OVERLAY 40. REVIEWER Albert C. Rauch B. Will 41. REMARKS (See attached sheet	BY BY FOR.	VE REPORT	BW 38. FIELD INSPECTION PHOTOGRAPHS NA SUPERVISOR, REVIEW SECTION A. C. Rauck, Jr.	35. LEGIBILITY OF THE MANUSCRIPT BW 39. FORMS NA
MISCELLANEOUS 33. GEOGRAPHIC NAMES BW 36. DISCREPANCY OVERLAY 40. REVIEWER Alluf C. Rauch: B. Will 41. REMARKS (See attached sheeted)	37. DESCRIPTI BY SON FOR. SON SON SON SON SON SON SON	VE REPORT 10/28/68 TIONS TO THE M	BW 38. FIELD INSPECTION PHOTOGRAPHS NA ISUPERVISOR, REVIEW SECTION A. C. Rauck, Jr. ANUSCRIPT	35. LEGIBILITY OF THE MANUSCRIPT BW 39. FORMS NA N OR UNIT
MISCELLANEOUS 33. GEOGRAPHIC NAMES BW 36. DISCREPANCY OVERLAY 40. REVIEWER Allust C. Rauch: B. Will 41. REMARKS (See attached sheeteld completion addition	37. DESCRIPTI BY SON SON SON SON SON SAND CORRECT funished by the	VE REPORT 10/28/68 TIONS TO THE M	BW 38. FIELD INSPECTION PHOTOGRAPHS NA SUPERVISOR, REVIEW SECTION A. C. Rauck, Jr.	35. LEGIBILITY OF THE MANUSCRIPT BW 39. FORMS NA N OR UNIT
MISCELLANEOUS 33. GEOGRAPHIC NAMES BW 36. DISCREPANCY OVERLAY 40. REVIEWER Albert C. Rauch B. Will 41. REMARKS (see attached sheefled COMPLETION ADDITION 42. Additions and corrections	37. DESCRIPTI BY SON SON SON SON SON SAND CORRECT funished by the	VE REPORT 10/28/68 TIONS TO THE M	BW 38. FIELD INSPECTION PHOTOGRAPHS NA ISUPERVISOR, REVIEW SECTION A. C. Rauck, Jr. ANUSCRIPT	35. LEGIBILITY OF THE MANUSCRIPT BW 39. FORMS NA N OR UNIT
MISCELLANEOUS 33. GEOGRAPHIC NAMES BW 36. DISCREPANCY OVERLAY 40. REVIEWER Alluf C. Rauch: B. Will 41. REMARKS (See attached sheefield completion additions and corrections script is now complete exceptions.)	37. DESCRIPTI BY SON SON SON SON SON SAND CORRECT funished by the	VE REPORT 10/28/68 TIONS TO THE M	BW 38. FIELD INSPECTION PHOTOGRAPHS NA ISUPERVISOR, REVIEW SECTION A. C. Rauck, Jr. ANUSCRIPT Ion survey have been applied to	35. LEGIBILITY OF THE MANUSCRIPT BW 39. FORMS NA N OR UNIT
MISCELLANEOUS 33. GEOGRAPHIC NAMES BW 36. DISCREPANCY OVERLAY 40. REVIEWER Albert C. Rauch B. Will 41. REMARKS (see attached sheet FIELD COMPLETION ADDITION 42. Additions and corrections script is now complete exact	37. DESCRIPTI BY SON SON SON SON SON SAND CORRECT funished by the	VE REPORT 10/28/68 TIONS TO THE M	BW 38. FIELD INSPECTION PHOTOGRAPHS NA ISUPERVISOR, REVIEW SECTION A. C. Rauck, Jr. ANUSCRIPT Ion survey have been applied to	35. LEGIBILITY OF THE MANUSCRIPT BW 39. FORMS NA N OR UNIT
MISCELLANEOUS 33. GEOGRAPHIC NAMES BW 36. DISCREPANCY OVERLAY 40. REVIEWER Alluf C. Rauch: B. Will 41. REMARKS (See attached sheefield completion additions and corrections script is now complete exceptions.)	37. DESCRIPTI BY SON SON SON SON SON SAND CORRECT funished by the	VE REPORT 10/28/68 TIONS TO THE M	BW 38. FIELD INSPECTION PHOTOGRAPHS NA ISUPERVISOR, REVIEW SECTION A. C. Rauck, Jr. ANUSCRIPT Ion survey have been applied to	35. LEGIBILITY OF THE MANUSCRIPT BW 39. FORMS NA N OR UNIT
MISCELLANEOUS 33. GEOGRAPHIC NAMES BW 36. DISCREPANCY OVERLAY 40. REVIEWER Albert C. Rauch B. Will 41. REMARKS (see attached sheefled Completion additions and corrections script is now complete examples and comple	By Son J. Fox. Son	VE REPORT 10/28/68 FIONS TO THE M re field completed item 43.	BW 38. FIELD INSPECTION PHOTOGRAPHS NA ISUPERVISOR, REVIEW SECTION A. C. Rauck, Jr. ANUSCRIPT Ion survey have been applied to Supervisor [Supervisor]	35. LEGIBILITY OF THE MANUSCRIPT BW 39. FORMS NA N OR UNIT
MISCELLANEOUS 33. GEOGRAPHIC NAMES BW 36. DISCREPANCY OVERLAY 40. REVIEWER Albert C. Rauch B. Will 41. REMARKS (see attached sheet FIELD COMPLETION ADDITION 42. Additions and corrections script is now complete exact	By Son J. Fox. Son	VE REPORT 10/28/68 TIONS TO THE M	BW 38. FIELD INSPECTION PHOTOGRAPHS NA ISUPERVISOR, REVIEW SECTION A. C. Rauck, Jr. ANUSCRIPT Ion survey have been applied to Supervisor [Supervisor]	35. LEGIBILITY OF THE MANUSCRIPT BW 39. FORMS NA N OR UNIT
MISCELLANEOUS 33. GEOGRAPHIC NAMES BW 36. DISCREPANCY OVERLAY 40. REVIEWER Albert C. Rauch B. Will 41. REMARKS (see attached sheefled Completion additions and corrections script is now complete examples and comple	By Son J. Fox. Son	VE REPORT 10/28/68 FIONS TO THE M re field completed item 43.	BW 38. FIELD INSPECTION PHOTOGRAPHS NA ISUPERVISOR, REVIEW SECTION A. C. Rauck, Jr. ANUSCRIPT Ion survey have been applied to Supervisor [Supervisor]	35. LEGIBILITY OF THE MANUSCRIPT BW 39. FORMS NA N OR UNIT

REVIEW REPORT T-12704

SHORELINE

August 2, 1977

61. GENERAL STATEMENT:

See Summary, which—is pages 6a and 6b of this Descriptive Report.

Glare along the south shore near the eastern limit of the map prevented the complete delineation of the foul limit in that area. 1:10,000 scale map T-12720 forms the northeast quadrant of T-12704. The Descriptive Report for T-12720 should be consulted for information regarding the compilation of that area.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with T-4311, 1:20,000 scale dated 1927 mapped on Valdez Datum. The shoreline was observed to be from 200 to 400 meters seaward of the position mapped on T-4311. The new shoreline and alongshore features were created as a result of the uplift caused by the 1964 earthquake.

The tidal marsh area mapped immediately east of San Juan Bay has become a stream fed lake. Ruins mapped on the south shore of San Juan Bay are not visible on the photography.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Comparison was made with U.S.G.S. Quadrangle, Blying Sound (D-3), Alaska, 1:63,360 scale, dated 1953. The shoreline shown on the quadrangle was observed to be 200 to 400 meters inshore of that shown on T-12704. No other differences were noticed.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic surveys were conducted in the area bounded by this map.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 16701, 1:80,000 scale, 11th edition, dated March 10, 1973. The differences observed are the same as those noted in Paragraph 62.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with the project instructions and meets the requirements for Bureau Standards and the National Standards of Map Accuracy.

Submitted by:

Q.I. Shands

A.L. Shands Final Reviewer

Approved for forwarding:

Joseph W Vonas R

/Joseph W. Vonasek

Approved

Chief, Photogrammetric Branch, AMC

Chief, Photogrammetric Branch

Chief, Coastal Map. Div.