T-12316

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. PH-6301 *Map No.* T-12316

Classification No. Final* *Edition No.* 1

T-12316

LOCALITY

State Alaska

General Locality Kamishak Bay, Cook Inlet

Locality Knoll Head

19 62 TO 19 (69,72)

REGISTRY IN ARCHIVES

DATE

☆ U.S. GOVERNMENT PRINTING OFFICE: 1973-761-775

*The field edit for this map extends North from 59°42'. The remainder of this map is covered by 1:10,000 scale maps(T-12321, 22 & 24). For any reference to this area, the 1:10,000 maps must be used. (Refer to item 61 of the Review Report.)(See page 5, comments on the Field edit)

(2-65)

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T - 12316

(1)

PROJECT NO. (II):

PH-6301

FIELD OFFICE (II):	CHIEF OF PARTY
None	
PHOTOGRAMMETRIC OFFICE (III):	OFFICER-IN-CHARGE
Atlantic Marine Center, Norfolk, VA	H.S. Cole, Director

INSTRUCTIONS DATED (II) (III):

March 18, 1965 - Office, Part I
Feb. 10, 1966 - Office, Supplement I
May 5, 1967 - Office, Supplement II
December 27, 1967 - Office, Supplement III

METHOD OF COMPILATION (III): (Traced from reductions of 1:10,000 scale manuscripts, Nos. T-12321, T-12322, and T-12324)
Wild B-8 plotter

MANUSCRIPT SCALE (III):	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):
1:20,000 (photo reduced from 1:10,000 T-12321 & T-12322, south portion)	1:10,000 pantographed to 1:20,000 (North portion)
DATE RECEIVED IN WASHINGTON OFFICE (IV):	DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.	DATE:	DATE REGISTERED (IV):
	MAY 1976	R. CATOR

GEOGRAPHIC DATUM (III):	VERTICAL DATUM (III):
N.A. 1927	~~MEAN SEA LEVEL~~ MHW EXCEPT AS FOLLOWS: *Elevations shown as (25) refer to mean high water* *Elevations shown as (5) refer to sounding datum* *i.e., ~~mean low water~~ mean lower low water*

REFERENCE STATION (III):

SPUR, 1907

LAT.:	LONG.:	
59°37'54.097" 1674.1M	153°33'46.550" 729M	[X] ADJUSTED [ ] UNADJUSTED

PLANE COORDINATES (IV):		STATE	ZONE
Y = 2,057,579.86ft.	X = 580,896.87 ft.	Alaska	5

ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (II) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE, OR (IV) WASHINGTON OFFICE.

WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.

USCOMM-DC 36503A-1965

FORM C&GS-181b
(3-66)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T-12316

(2)

FIELD INSPECTION BY (II):	DATE:
None	

MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):

Air photo compilation -office interpretation
Date of photography June 18, 1962 and June 29, 1962

PROJECTION AND GRIDS RULED BY (IV): A. Bethea	DATE Oct. 30, 1967
PROJECTION AND GRIDS CHECKED BY (IV): L.F. VanScoy	DATE Oct. 31, 1967
CONTROL PLOTTED BY (III): R.E. Smith	DATE Dec. 9, 1968
CONTROL CHECKED BY (III): C.H. Bishop	DATE Dec. 9, 1968
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): P.J. Dempsey	DATE Jan. 22, 1968
STEREOSCOPIC INSTRUMENT COMPILATION (III): PLANIMETRY	DATE
CONTOURS: Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): R.E. Smith	DATE Dec. 11, 1968
SCRIBING BY (III):	DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): Rex Smith	DATE Dec. 13, 1968

REMARKS:

Field Edit by: R.D. Olsen, 1969 (1:20,000 scale)
M.C. Grunthal and T.R. Crane, 1972 (1:10,000 scale)
E.G. Wood, 1972 (1:10,000 scale)

(see remarks on Field edit page 5 of the Summary)

USCOMM-DC 36393B-P66

FORM C&GS-181c
(3-66)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD
T-12316

(3)

CAMERA (KIND OR SOURCE) (III):
Wild RC-8 "W" & RC-9 "M"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
62W6252-6265	6/18/62	1200	1:15,000	2.2ft above MLLW
62W6285-6289	6/18/62	1212	1:15,000	2.6 ft. above MLLW
62W6296-6303	6/18/62	1217	1:15,000	3.5 ft. above MLLW
62W6306-6308	6/18/62	1225	1:15,000	3.5 ft. above MLLW
62W7315, 7318,7321;7324, 7327, & 7329	6/29/62	1537-1539	1:30,000	6.0 ft. above MLLW
62W7340-7343	6/29/62	1549	1:30,000	5.5 ft. above MLLW
62W7410-7422	6/29/62	1609	1:30,000	4.6 ft. above MLLW

Predicted TIDE (III) Diurnal

	RATIO OF RANGES	MEAN RANGE	~~SPRING~~ RANGE
REFERENCE STATION: Seldovia, Kachemak Bay, Alaska		15.4	17.8
SUBORDINATE STATION: Iliamna Bay, Alaska		12.3	14.5
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV): J.B. Phillips — DATE: March 1976

PROOF EDIT BY (IV): — DATE:

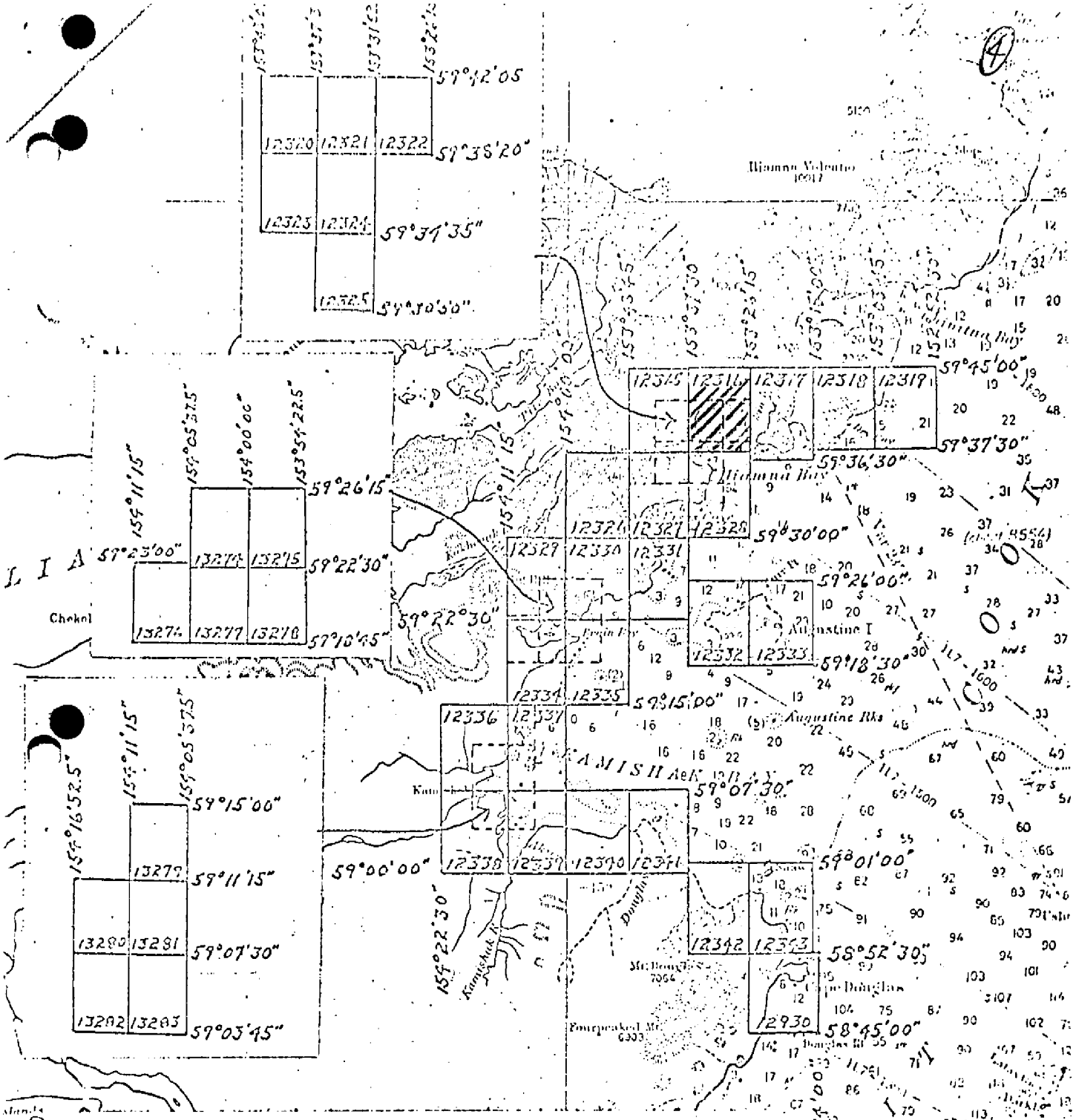
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 2	RECOVERED: 2	IDENTIFIED: 2
NUMBER OF BM(S) SEARCHED FOR (II): None	RECOVERED: None	IDENTIFIED None

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): None

REMARKS:

USCOMM-DC 36093-P66



JOB PH-6301 (PART-1)

COOK INLET, ALASKA

SHORELINE MAPPING

Scale 1:10,000 & 1:20,000

Revised 4-3-68 LFK

SUMMARY

T-12316 is one of 40 shoreline maps comprising Job PH-6301 (Part I) compiled for use in contemporary hydrographic survey and nautical charting operations.

Field work, prior to compilation, consisted of the recovery and identification of horizontal control.

Compilation was by Wild B-8 stereoplotter, using 1:30,000 scale color photography. Cronaflex positives and ozalids of the manuscript were forwarded for the use of the field editor and the preparation of the hydrographer's boat sheets. Accompanying these were specially prepared ratio photographs to aid in the location of hydrographic signals.

Final edit was accomplished during 1969 & 1972 *

Final review was accomplished at the Rockville Office in March 1976

A cronaflex positive copy of the map and a Descriptive Report will be registered in the NOS Archives.

* The field edit in 1962 which covered T-12322 (1:10,000 scale) was terminated at 153°29'00". When the 1972 field edit covering the adjoining sheets T-12321 and T-12324 (1:10,000 scales) was done, the field editor did not junction with the 1962 work. There is no field edit between Longitudes 153°29' and 153°32' on map T-12316. (See remarks, page 17)

T-12316

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation complete pending field edit		
Alongshore area for hydrography traced from reductions of 1:10,000 scale sheets, T-12321, 22, & 24	Dec. 1968	Superseded
Partial field edit applied north of latitude 59°42'00"	March 1970	Superseded
Field edit applied from T-12324 1:10,000 scale	March 1974	Superseded
Field edit applied from 1:10,000 T-12321 Compilation complete	April 1974	

PHOTOGRAMMETRIC PLOT REPORT
Job PH-6301
Kamishak Bay, Alaska

January 22, 1968

21. Area Covered

This report covers the northern part of Kamishak Bay, Alaska, consisting of thirteen (13) 1:20,000 scale map manuscripts -- T-12315 thru T-12319, T-12326 thru T-12331, T-12334 and T-12335, and six (6) 1:10,000 scale map manuscripts -- T-12320 thru T-12325.

22. Method

Analytic aerotriangulation methods were used to bridge strips 1, 2 and 3 at 1:60,000 scale using premarked and field identified control. Numerous tie points were located to control strips 41, 42 and 43, which were bridged by stereoplanigraph.

The attached sketch of strips bridged shows the placement of triangulation used in the final strip adjustments. Closures to control are shown on the IBM readouts along with all the bridge points.

23. Adequacy of Control

Horizontal control was adequate for bridging strips 1, 2 and 3. Strips 41, 42 and 43 were bridged using tie points and are adequate. The premarked paneling at Station OIL, 1913 was removed prior to photography and could not be identified. Station TENDER, 1967 fell off of model and was not used. SKIN, 1967, Subpoint A and Subpoint B, were too poor to read and were not used in the adjustment.

24. Supplemental Data

Vertical control needed for the adjustment was taken from USGS quadrangles.

25. Photography

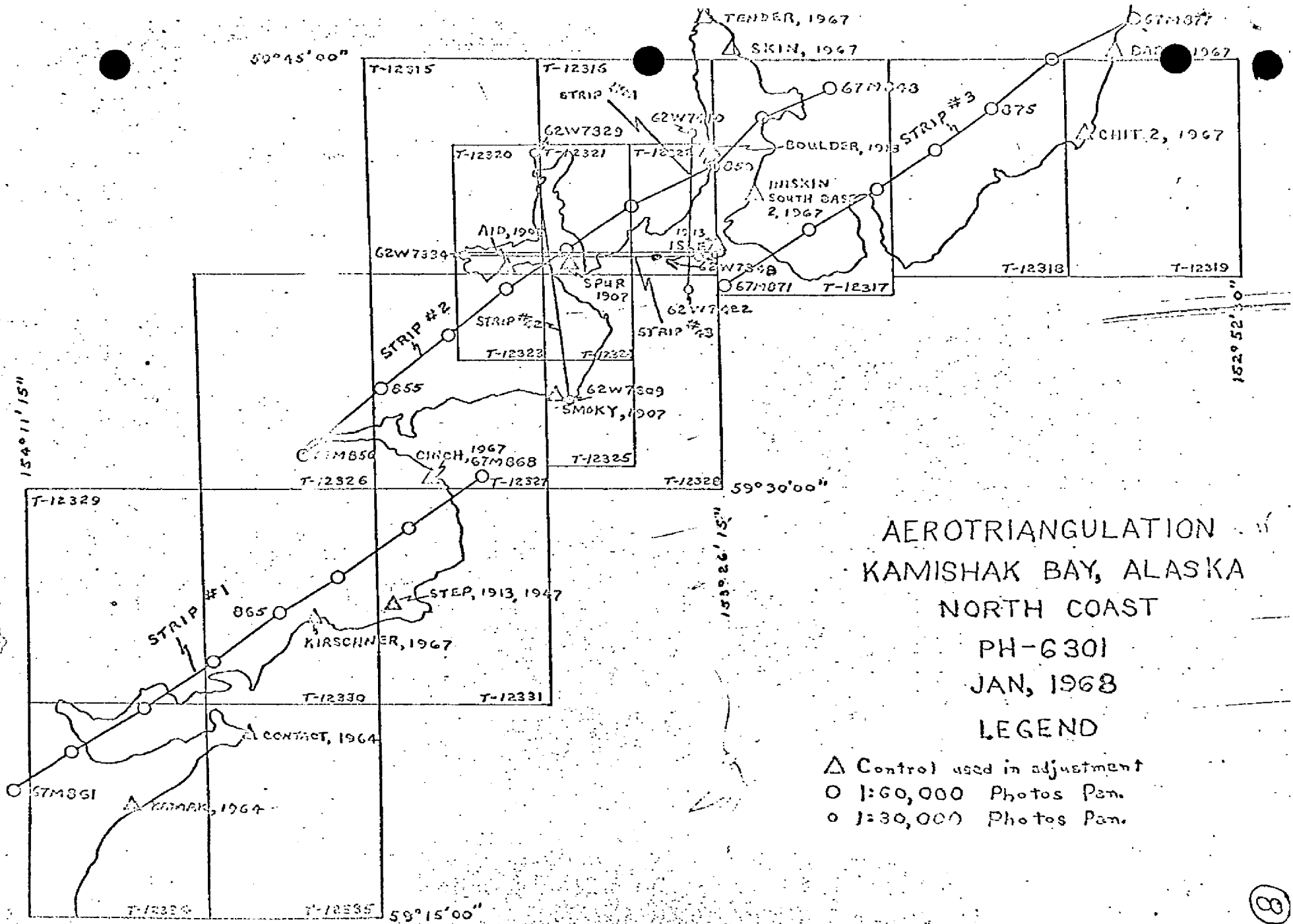
The definition and quality of the RC-9 and RC-8 photography were good. Ratio prints have been ordered to compilation scale.

Submitted by:

P. J. Dempsey

Approved and forwarded:

H. P. Eichert, Chief
Aerotriangulation Section



AEROTRIANGULATION
KAMISHAK BAY, ALASKA
NORTH COAST
PH-6301
JAN, 1968

LEGEND

△ Control used in adjustment
○ 1:60,000 Photos Pan.
○ 1:30,000 Photos Pan.

PH-6301, KAMISHAK BAY, ALASKA

CONTROL

Refer to Photogrammetric Plot Report, dated January 22, 1968.

Difficulty in holding control established by stereoplanigraph bridging of strips 41, 42, and 43 was encountered, initially. They were returned to the Bridging Section and their subsequent re-adjustment resulted in "Revisions" for strips 41 and 43.

Strip 42 had been compiled with little or no difficulty concerning the control. Although strip 41 also was compiled utilizing the original Bridge Strip, the comparison between the original and "Revised" strip #41 indicated a maximum change of approximately 0.3mm which proved to be of an insignificant effect. The compilations of these two strips were summarily considered to be of sufficient accuracy. Both of these strips were oriented in a general north-south direction.

The results of the "Revision" of strip 43 proved to be of a major change, and inasmuch as this strip was oriented in an east-west direction, intersecting both strips 41 and 42, an attempt to tie these together at their common models resulted in an error of tie-in between drilled pass points of strip 43 and shoreline pass points common to all strips.

When model 62W-7343 and 7346, of strip #43 was set, it was found that six of the seven drilled pass points would hold within tolerance, but none of the adjoining shoreline pass points from strips 41 and 42 would hold. When this model was re-scaled to all common shoreline points, the drilled points would not hold.

This same condition existed when model 62W-7334 and 7337 was set. Drilled pass points held within tolerance, but no common shoreline pass points between strip 42 and this model would hold.

It was evident at this time that no model work could be compiled from strip 43.

To further substiantiate our decision, all five manuscripts were joined and a modified radial plot consisting of several processed ratio photos of each of strips 41, 42, and 43 was laid.

It was noted during this plot, that the tie points (from the stereoplanigraph bridges), and the field identified triangulation control, would hold well with the common shoreline pass points, but the drilled points would not. (A few of the drilled points at or near sea level were noticeably closer than those at the higher elevations.)

It was concluded therefore that strips 41 and 42 were tied together well and were geographically correct, and that a graphic solution and compilation of the two models in question on strip 43 could be made using the common shoreline pass points.

(10)

Compilation Report
PH-6301
T-12316

This manuscript was traced from the photographic reductions of the 1:10,000 manuscripts Nos. T-12321, T-12322, and T-12324. Refer to the compilation reports of those manuscripts.

R.E. Smith
Cartographer
December 12, 1968

Approved and forwarded:

H.S. Cole
Director, AMC

the compiler did not furnish a Compilation Report for that portion of T-12316 that is not covered by 1:10,000 manuscripts. the area North from 59°42' was only mapped at 1:20,000 scale. Also the area South of 59°38'20" and east of 153° 31'52.5" was only mapped at 1:20,000 scale.

(11)

FIELD EDIT REPORT

SHEET T-12316

INISKIN BAY

PH-6301

JUNE 1969

USC&GSS PATHFINDER

CAPT E. A. TAYLOR, COMDG.

51 Methods

Refer to "Remarks", page 17

The field edit of this map was done in accordance with photogrammetric instructions and project instructions to the Commanding Officer, Ship PATHFINDER, dated April 15, 1969. Sextant fixes were used to verify and locate objects that could not be seen on the photographs.

All deletions, additions, and corrections to be applied to the manuscript appear on the Field Edit Ozalid. This ozalid is an index and inventory of all field edit work performed. All features marked in green on the ozalid are to be deleted.

52 Adequacy of Compilation

Compilation of the manuscript was adequate and complete for all areas within the boundaries indicated on the Field Edit Ozalid.

54 Recommendations

None

56 Additional Information

Alaska Daylight Time, time meridian 135W, was used for the entire survey.

Hydrographic signals used for field edit fixes are listed on a sheet attached to the Field Edit Ozalid and also included in this report. Geographic positions are given for each signal.

All fixes taken during the field edit are identified by number on the Field Edit Ozalid. The control and angles for each fix are listed on an attachment to the ozalid. This data is also a part of this report.

Richard D Olson

Richard D. Olson
ENS, USESSA
Photo Officer

Approved:

E.A. Taylor

E. A. Taylor
CAPT, USESSA
Commanding Officer

ORIGIN OF HORIZONTAL CONTROL

Sign al	Origin
001	△ ENTERENCE 1913
002	T-12322
003	T-12322
004	T-12322
007	T-12322
010	T-12322
013	1 m. North of △ BOULDER 1913
016	△ LEDGE
028	T-12322
029	T-12322
030	T-12322
031	T-12322
032	T-12322
034	T-12322
037	RM1 of △ INISKIN SOUTH BASE 2 1967
040	PF 10-1-69-A HYDRO.
043	PF 10-1-69-A HYDRO.
045	△ SKIN 1967

(14)

PF 10-1-69

OPR 429 AREA Iniskin Bay

VESSEL ALL

DAY ALL

POSITION ALL TO —

TYPE OF TAPE Visual Hydro.
Signal Control Data.

001	59	38	0870	153	28	0788	
002	59	38	1494	153	28	0529	
003	59	38	1709	153	28	0291	
004	59	39	0541	153	27	0782	
007	59	40	0331	153	27	0507	
010	59	40	1839	153	27	0287	
013	59	41	1427	153	26	0468	
016	59	43	0106	153	26	0468	
028	59	38	0461	153	25	0713	
029	59	38	0561	153	24	0847	
030	59	37	1716	153	26	0333	
031	59	38	1158	153	26	0462	
032	59	38	1039	153	25	0342	
034	59	39	0600	153	24	0536	
037	59	40	0379	153	23	0251	
040	59	41	0309	153	23	0135	
043	59	42	1745	153	22	0664	
045	59	45	0221	153	24	0720	

CK R.D.Q

(15)

Field Edit Data
T - 12316
June 27, 1969
Day 178

Fix No	Time Zone 135°W Time	Object	Height / depth	Datum	Location L & R & ck#	Signals
6125	1459	Boulder	+2'	H_2O	On T-12316	
6126	1501	"	+2'	"	"	
6127	1502	"	+3'	"	"	
6128	1502	"	+3'	"	Photo 67M849	
6129	1503	"	+2'	H_2O	On T-12316	
6130	1504	"	+3'	"	"	
6131	1504	"	+4'	"	"	
6132	—	"	+4'	Mud	67°37'	45
			≈ level /	≈MHWL	90°19'	13
					46°27'	43-40
6133	—	Boulder	+4'	Mud	70°28'	S
			level /	≈MHWL	86°47'	
					44°44'	S
6134	—	Boulder	+4'	Mud	73°06'	S
			level /	≈MHWL	83°14'	
					42°53'	S
6135	—	Boulder	+~~8~~ +7'	Mud	72°22'	45
			+3'	≈MHWL	42°29'	40
					73°40'	43-16
6201	—	Boulder	+10'	Mud	30m E of rock blu	
			+6'	≈MHWL	SSW of 4x 6135	
6136	—	Rock	+2'	Mud	72°26'	45
					40°-08'	40
6137	—	Boulder	+7'	Mud	72°28'	S
			+3'	≈MHWL	38°31'	
					49°00'	43-37
6138	—	Boulder	+6'	Mud	72°07'	S
			+2'	≈MHWL	38°21'	
6139	—	Boulder	+5'	Mud	72°41'	S
			+2'	≈MHWL	36°58'	
					47 02	43-37
6140	—	Rock	+2'	Mud	76°43'	S
					37°50'	
					70°48'	43-16

Fix No.	Time Zone 135° W Time	Object	Height / Depth	Datum		Location L * R * CK *	Signals
6141	——	Boulder	+7'	Mud		78° 43'	45 43
						45° 07'	37
						69° 37'	43-16
6142	——	Boulder	+6'	Mud		75° 33'	S
						44° 30'	
						35° 11'	43-40
6143	——	Boulder	+6'	Mud		82° 03'	S
						42° 05'	
						69° 12'	43-16
6144	——	Boulder	+20'	Mud		73° 33'	45
						34° 43'	43 40
						44° 08'	43-37
6145	——	Rock	+3'	Mud		73° 19'	S
						32° 40'	
6146	——	Rock	+2'	Mud		76° 29'	45 43
						39° 09'	37
						31° 03'	43-40
6148	——	Boulder	+6'	Mud	(+6' over Water) Day 177 @ 2007	82° 31'	45 43
						25° 57'	40
						32° 25'	43-37
6147	——	Rock	+3'	Mud		68° 46'	S
						26° 49'	
						34° 07'	S
6149	——	Rock	+2'	Mud		70° 09'	45
						34° 40'	43 37
						27° 12'	43-40
6150	——	Rock	+3'	Mud		72 38	45 43
						32 32	40
6151	——	Rock	+2'	Mud		69 25	45 43
						33 50	37
						26 33	43-40

(17)

NOAA FORM 75-74
(7-75)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL OCEAN SURVEY

PHOTOGRAMMETRIC OFFICE REVIEW

TR - 12316

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

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY *(Topographic stations)*	7. PHOTO HYDRO STATIONS

8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS

ALONGSHORE AREAS *(Nautical Chart Data)*

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

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

PHYSICAL FEATURES

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

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

CULTURAL FEATURES

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

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
XX	XX

MISCELLANEOUS

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

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

40. REVIEWER	SUPERVISOR, REVIEW SECTION OR UNIT
Rex Smith 12-13-68	A. Rauck

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
B.L. Barge	3/17/70	
C. Blood	3/74	
Reviewer: F.P. Margiotta	8/71 J. Minton 4/74	A. Rauck

43. REMARKS

Field edit was applied from field edit ozalid* T-12316 and attached data sheets.
*(The field edit referred to here is for that portion of this manuscript not covered by 1:10,000 manuscripts T-12321, T-12322, & T-21324. The field edit reports for each of these manuscripts is included in its own Descriptive Report.)
Scott Island, Vert Island and Inskin Rock were fieldedited on the Discrepancy print for T-12322. These islands do not fall within the limits of T-12322 projection!

NOAA FORM 75-74 (7-75)

Review Report T-12316
Shoreline Survey
March 1976

61. General Statement

During final review it was determined that many discrepancies exist between the 1:20,000 scale manuscript and the three 1:10,000 scale manuscripts that cover this same area. The 1:10,000 scale maps, T-12321, T-12322, and T-12324 have been reviewed, revised, and/or corrected where necessary.

Review reports and cartographic comparison prints have been made and the Chief, Hydrographic Survey Branch has been notified of any corrections or additions to these 1:10,000 scale manuscripts. To avoid unnecessary repetition, the 1:20,000 scale manuscript has not been "up-dated". Where the same area is covered by a 1:10,000 scale map, the larger scale map and its accompanying Descriptive Report must be used for reference.

This review report will cover only that portion of T-12316 which ~~extends North from 59°42', and~~ was mapped only at 1:20,000 scale, as indicated on map.
During the field edit work in 1969, numerous fixes were taken. Of these fixes, No. 6132 through No. 6151 (excluding fix No. 6148) could not be shown on the manuscript with an elevation, since the time had not been furnished on the form used by the field editor, the coumputation could not be made. These rocks have all been shown with a rock awash symbol. No mention was made how these objects were transferred to the manuscript. Refer to the letter dated Nov. 21, 1972, Subject: "Field edit ozalids" which is a part of this report. (page 20)

62. Comparison with Registered Topographic Surveys

T-3421 1:20,000 1913

This survey is superseded by the new map. (Refer to item 61 of this report)

63. Comparison with Maps of Other Agencies

A comparison has been made with USGS quadrangle Iliamna (C-2), Alaska, scale 1:63,360, dated 1958.

64. Comparison with Contemporary Hydrographic Surveys

H-9071 1:10,000 June 1969

Comparison was made with the final reviewed hydrographic survey and they are in agreement. (Refer to item 61 of this report.)

65. Comparison with Nautical Charts

Chart #8554 1:200,000 scale, 13th edition, May 1974.

66. Adequacy of Results and Future Surveys

The area north from 59°42' meets the National Standards of Map Accuracy and complies with Bureau requirements. The remainder of this manuscript is covered by manuscripts at 1:10,000 scale which comply with Bureau requirements. (Refer to item 61 of page 18 this report and the Descriptive Reports for each of the 1:10,000 scale maps.)

Submitted by,

J. B. Phillips

Approved:

for A.K. Heywood

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

(20)

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SURVEY

Date : Nov.21,1972 Reply to Attn. of:

To : Reviewers.

From : Albert C. Rauck,Jr.
Coastal Mapping

Subject: Field edit ozalids on Job Ph-6301

You will note that several of the field edit ozalids for this project have a multitude of 3-point fixes lettered in purple.

One sheet has as many as 168 fixes assigned to the location of the outer edge of rock ledge. All of these were plotted and checked and when thus located, were laid over the ozalid on a light table. It was found that the plotted positions of these fixes coincided exactly with those on the ozalid.

It was suspected and later proven by a phone call to Mr. George Fernandes, that this is exactly what the field editor did after he plotted his fixes on his film ozalid furnished for this purpose. Mr. Fernandes verified this by coversation with the field works officer and his officers.

It was found to be not practical to re-plot these fixes again and the data was taken directly from the ozalids and applied to the map manuscripts. Phone verification was made 12:45 P.M. Nov.21,1972.

(21)

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6301 (Cook Inlet, Alaska)

T-12316

AC Point
Back Range
Cook Inlet
Entrance Rock
Iliamna Bay
Iniskin Bay
Iniskin Rock
Knoll Head
Mushroom Islets
North Head
Vert Island

Approved By:

A. Joseph Wraight
Chief, Geographer

Prepared By:

Frank W. Pickett
Cartographic Technician

NOAA FORM 76-41
(10-72)
FORMERLY FORM C&GS-1042

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 12316 PROJECT NO. PH-6301 SCALE OF MAP 1:20,000 SCALE FACTOR None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y COORDINATE LONGITUDE OR X COORDINATE	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 Ft. = 3048000 meter) FORWARD	(BACK)
BOULDER, 1913	G.P. Vol. 5 pg. 396	N.A. 1927	59°41'46.081"	1426.1	(430.7)
			153°26'29.918"	468.0	(470.5)
SPUR, 1907	G.P. Vol. 5 pg. 397	N.A. 1927	59°37'54.097"	1674.1	(182.7)
			153°33'46.550"	729.6	(210.8)
ENTRANCE, 1913	G.P. Vol 5 pg. 402	N.A. 1927	59°38'28.120"	870.2	(986.6)
			153°28'50.316"	788.4	(151.7)

COMPUTED BY	DATE	CHECKED BY	DATE
A.C. Rauck, Jr.	March 12, 1968	B. Wilson	3/17/70

22