

TP 01161

NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h2 style="text-align: center;">DESCRIPTIVE REPORT</h2>	
This map will not be field check	
Map No. TP-01161	Edition No. 1 st
Job No. CM-8202	
Map Classification III (Final)	
Type of Survey Shoreline	
<h3 style="text-align: center;">LOCALITY</h3>	
State Alaska	
General Locality Behm Canal	
Locality Walker Cove	
<div style="border: 1px solid black; padding: 5px; text-align: center;"> 1982 TO 19 </div>	
<h3 style="text-align: center;">REGISTRY IN ARCHIVES</h3>	
DATE	

NOAA FORM 76-36A (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY TP. <u>01161</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III</u> JOB <u>CM-8202</u>	
DESCRIPTIVE REPORT - DATA RECORD					
PHOTOGRAMMETRIC OFFICE Pacific Marine Center Seattle, Washington		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED			
OFFICER-IN-CHARGE Ned C. Austin, CAPT, NOAA		JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__			
I. INSTRUCTIONS DATED					
1. OFFICE			2. FIELD		
Aerotriangulation Nov. 19, 1982 Office May 9, 1983			Field Feb. 5, 1982		
II. DATUMS					
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN			OTHER (Specify) _____		
2. VERTICAL: <input checked="" 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) _____		
3. MAP PROJECTION Oblique Transverse Mercator Projection			4. GRID(S) STATE Alaska ZONE 1		
5. SCALE 1:20,000			STATE _____ ZONE _____		
III. HISTORY OF OFFICE OPERATIONS					
OPERATIONS		NAME		DATE	
1. AEROTRIANGULATION METHOD: Analytical LANDMARKS AND AIDS BY		L. Harrod, Jr.		Dec. 1982	
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat PLOTTED BY		L. Harrod, Jr.		Dec. 1982	
3. STEREOSCOPIC INSTRUMENT COMPILATION PLANIMETRY BY		R. Mueller		July 1983	
INSTRUMENT: Wild B-8 SCALE: 1:20,000 CHECKED BY		J. Minton		July 1983	
4. MANUSCRIPT DELINEATION PLANIMETRY BY		R. Mueller		July 1983	
METHOD: Smooth Drafted CHECKED BY		R. Minton		July 1983	
SCALE: 1:20,000 HYDRO SUPPORT DATA BY		N.A.		N.A.	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		N.A.		N.A.	
6. APPLICATION OF FIELD EDIT DATA BY		N.A.		N.A.	
7. COMPILATION SECTION REVIEW BY		J. Minton		July 1983	
8. FINAL REVIEW BY		E. D. Allen		Jan. 1984	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		E. D. Allen		Jan. 1984	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		E. D. Allen		Jan. 1984	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		R. Kornegay		May 1984	

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

COMPILATION SOURCES

TP-01161

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10 (152.74mm)"B"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) <u>COLOR</u> (P) PANCHROMATIC R <u>IR</u> INFRARED B&W		ZONE Pacific MERIDIAN 120° W <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
82B(C) 5688 thru 5694	6/17/82	13:36	1:50,000	+5.8ft. above MLLW*	
82B(R) 5896 thru 5902	6/18/82	10:15	1:50,000	+12.4 ft. above MLLW* or -2.1 ft. MHW Ketchikan Station	

REMARKS * Figure based on predicted tides at Ketchikan, Alaska gage. Mean High Water is 14.5 feet above Mean Lower Low Water in the project area.

2. SOURCE OF MEAN HIGH-WATER LINE:

The color photographs listed above were used to delineate the MHWL. The infrared photographs listed above were used to complement the interpretation.

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

Not compiled

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

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

5. FINAL JUNCTIONS

NORTH	None	EAST	None	SOUTH	None	WEST	None
-------	------	------	------	-------	------	------	------

REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-001161
HISTORY OF FIELD OPERATIONS1. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Melby	June 1982
2. HORIZONTAL CONTROL	RECOVERED BY R. Melby	June 1982
	ESTABLISHED BY R. Melby	June 1982
	PRE-MARKED OR IDENTIFIED BY L. Ridders	June 1982
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 None	
	LOCATED (Field Methods) BY None	
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

Premarked

2. VERTICAL CONTROL IDENTIFIED

N.A.

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
82B(C)5693	Lee 1982 sub sta A		
82B(C)5692	Joanny 1982 sub sta A		
82B(C)5689	EL sub sta A		
82B(C)5688	HUT sub sta A		

3. PHOTO NUMBERS (Clarification of details)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. 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)

Four NOAA forms 6-53 (CSI cards), One EDM Observation Form,
 Four forms C&GS-155, Field Report
 Two NOAA form 76-67

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-01161
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Final Reviewed Map		Class III Map	1-26-84	1-9-84

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

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

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
ACCOUNT FOR EXCEPTIONS:
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: MARCH 1984

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	

HECATE STRAIT

INCLU

BEHM AND POR

Mercator P
Scale 1:229,370
North American

SOUNDINGS I
AT MEAN LOWER LOW W
AT LOWEST NORMAL TIDES

For Symbols and Abl

Elevations of rocks and lights
Contour values and summit elev

AUT

Hydrography and topography by the
data from the U.S. Coast Guard, Geologic
Service.

CM-8202

WALKER COVE

ALASKA

SHORELINE MAPPING

SCALE=1:20,000

LORAN-C GENERAL EXPLANATION

LORAN-C FREQUENCY 100kHz.

PULSE REPETITION INTERVAL

7960 79,600 Microseconds

5990 59,900 Microseconds

STATION TYPE DESIGNATORS: (Not individual station letter designators).

M Master

W Secondary

X Secondary

Y Secondary

Z Secondary

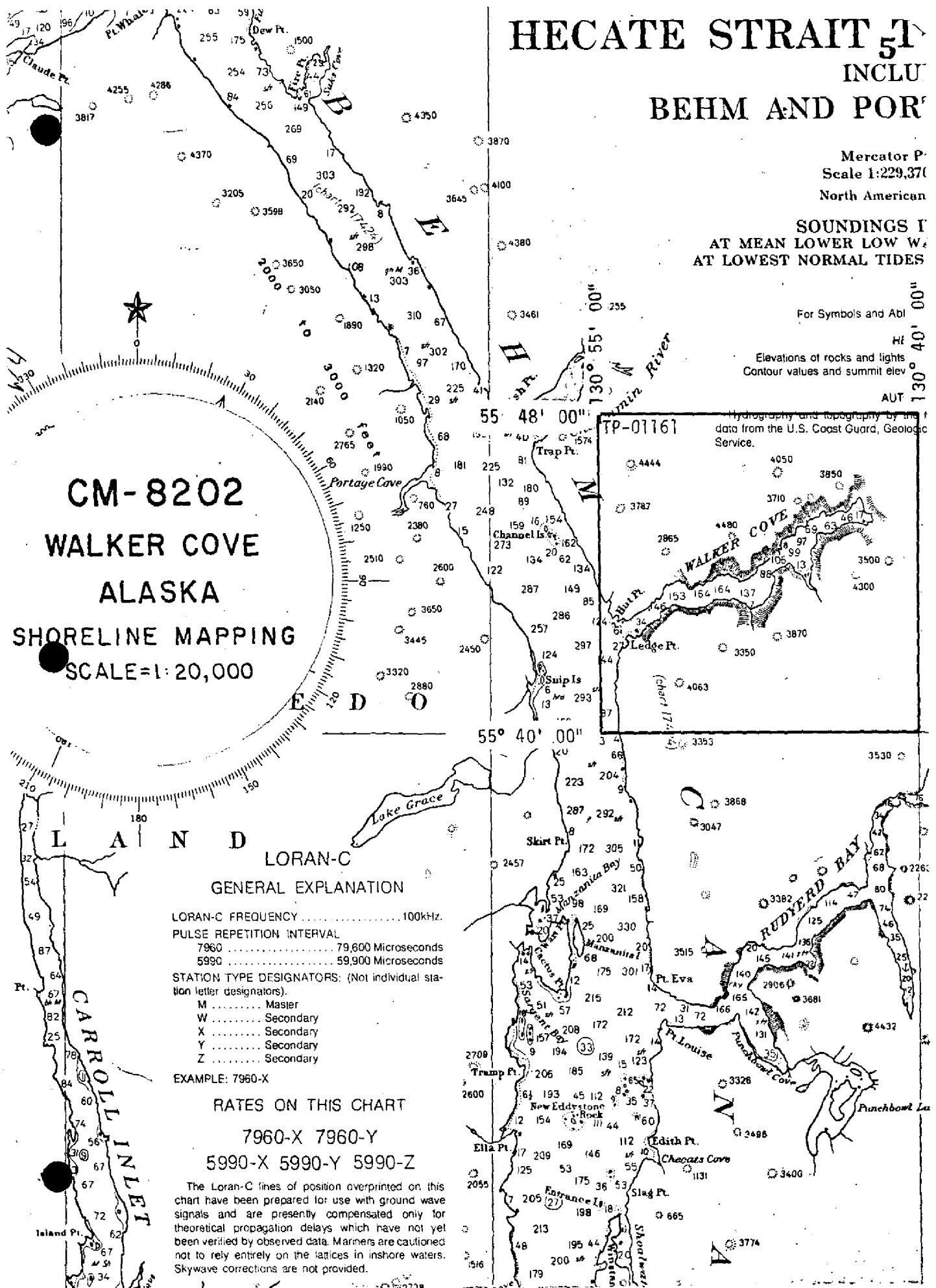
EXAMPLE: 7960-X

RATES ON THIS CHART

7960-X 7960-Y

5990-X 5990-Y 5990-Z

The Loran-C lines of position overprinted on this chart have been prepared for use with ground wave signals and are presently compensated only for theoretical propagation delays which have not yet been verified by observed data. Mariners are cautioned not to rely entirely on the lattices in inshore waters. Skywave corrections are not provided.



TP-01161

This 1:20,000-scale shoreline map is the only map in project CM-8202. The area covers the shoreline of Walker Cove, Alaska.

Field operations consisted of aerial photography and the recovery, establishment, and identification (premarking) of horizontal control necessary for aerotriangulation. Four horizontal control stations were established and paneled. There was no field inspection performed.

Photographs were taken June 1982 with the Wild RC-10(B) camera. Natural color and supplemental infrared photographs were taken at a scale of 1:50,000.

One strip of 1:50,000-scale color photographs was bridged using analytical aerotriangulation methods and adjusted to ground control using the Alaska State Plane Coordinate System, Alaska Zone 1. The aerotriangulation control proved adequate and met the National Standards of Map Accuracy.

Tidal stages concurrent with photography were determined, based on predicted tides at Ketchikan.

Compilation was performed by Photogrammetric Section, Pacific Marine Center, Seattle, Washington. The map delineation was based on office interpretation of 1:50,000-scale color photographs.

Final review was performed by Quality Control Unit (Rockville). This map was found to be satisfactory and meets requirements of Bureau Standards and the National Standards for Map Accuracy.



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SURVEY
Pacific Marine Center
1801 Fairview Avenue East
Seattle, Washington 98102
July 20, 1982

7

TO: C-3415 - National Ocean Survey

FROM: CPM133 - Pacific Photo Party

SUBJECT: Field Operations Report
Project CM-8202, Walker Cove, Alaska

This shoreline mapping project was undertaken by the Pacific Marine Center Photo Party in the middle of the month of June 1982.

The purpose of the project was to place panels on the horizontal control stations, prior to aerial photography. This was accomplished, and the pertinent information for each horizontal control station paneled has been entered on the form 76-53, Control Station Identification.

The horizontal control was adequate, except at the east end of the project, where it was necessary to establish two new traverse stations, JOANNY and Lee. The new stations were located by Third-order Class I specifications.

All the field geodetic observations, descriptions, and recovery notes were processed through the telephone data terminal to NGS headquarters. The preliminary adjusted field positions and the descriptions/recovery notes are included with the submitted field data.

Due to the steepness of the alongshore terrain and dense woodland cover, few sites in the project area could be found to lay the panels. As a consequence it was necessary to "sub pt" the horizontal control station an appreciable distance.

Transportation was by small skiff operating from a larger, charter boat.

No secondary photo-located, hydro-support, horizontal control points were paneled in this project. With the exception of the lack of horizontal control at the east end of the project, which was replaced at this time, the cove is well covered by existing Third-order triangulation.

Respectfully Submitted,

Bob Melby

Bob Melby
Chief, PMC Photo Party



Photogrammetric Plot Report

CM-8202

Walker Cove, Alaska
December 198221. Area Covered

The area covered by this report is shown on one 1:20,000 scale sheet, TP-01161 of Walker Cove, Alaska.

22. Method

One Strip of 1:50,000 scale photographs was bridged by analytic aerotriangulation methods and adjusted to ground on the Alaska State Plane Coordinate System, Alaska Zone 1. Panned control was provided. Ratio values were determined for the 1:30,000 color and the 1:50,000 scale MHW and the MLLW IR photographs. Ruling of manuscripts and plotting of points were done on the Coradomat.

23. Adequacy of Control

The control was held within the National Standards of Map Accuracy.

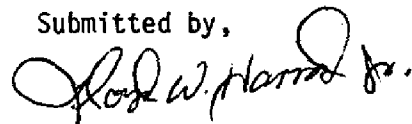
24. Supplemental Data

USGS quadrangles were used to provide vertical control for strip adjustment.

25. Photography

The coverage and quality of the photographs proved adequate for the project.

Submitted by,



Lloyd W. Harrod, Jr.

Approved and Forwarded:

Don O. Norman
Chief, Aerotriangulation Section

CM-8202
Walker Cove
Alaska

Fit To Control
X and Y in Feet

<u>Strip #1</u>			<u>X</u>	<u>Y</u>
▲ 1 Hut 1931	Sub Pt. 1	(688101)	.845	.495
▲ 2 EL 1931	Sub Pt. 1	(689101)	-1.535	-.319
▲ 3 Joanny 1982	Sub Pt. 1	(692101)	1.280	.258
▲ 4 Lee 1982	Sub Pt. 1	(693101)	-.561	-.417

▲ Stations held in the Strip Adjustment

CM-8202
Walker Cove, Alaska
December 1982

Ratio values for 1:30,000 scale color contacts

82 BC 5670-5680 X1.513

Ratio values for 1:50,000 scale B&W infrared photography

MLLW

82 BR 6120-6126 X2.534

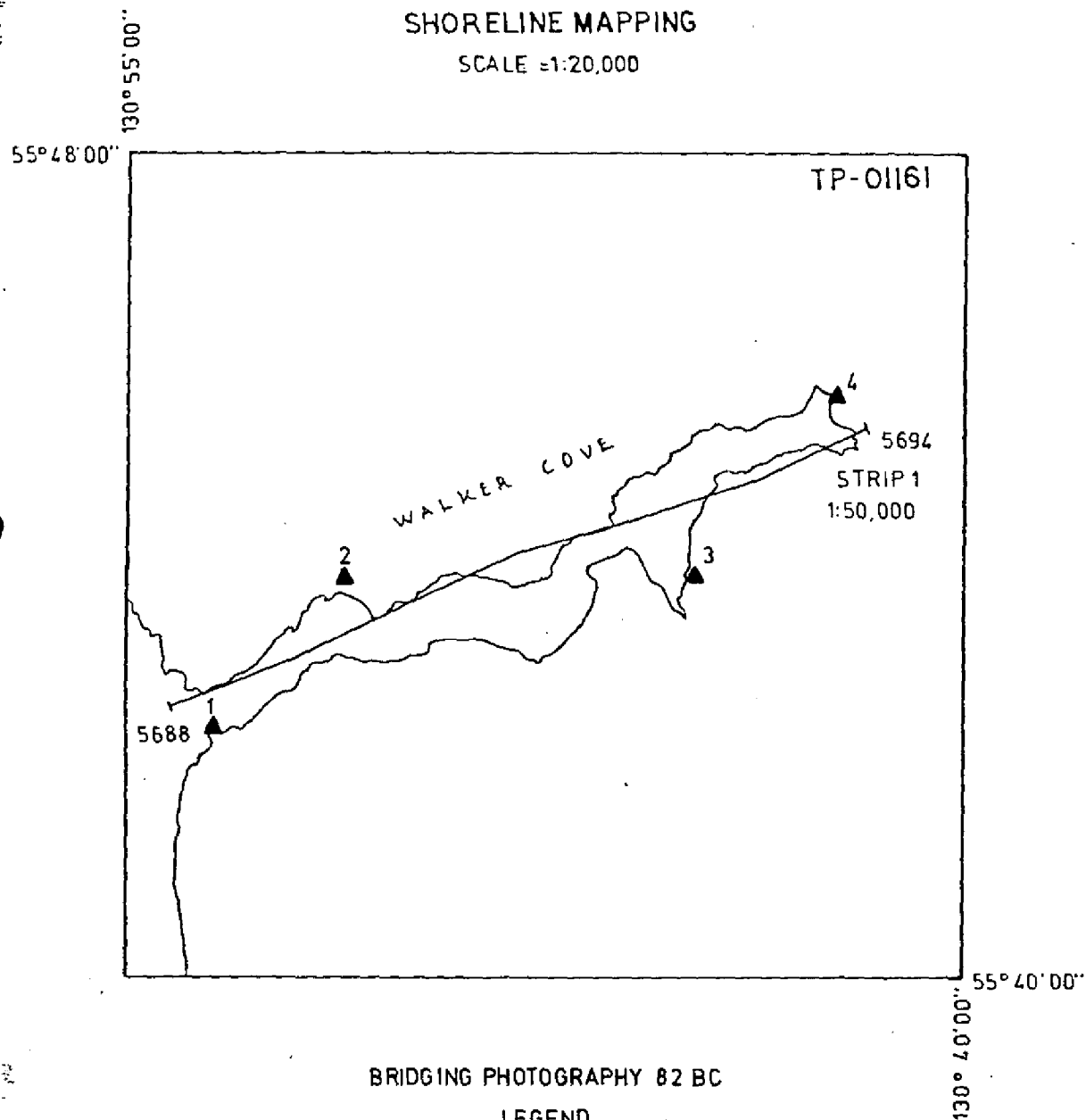
MLW

82 BR 5896-5902 X2.569

CM-8202
WALKER COVE
ALASKA

SHORELINE MAPPING

SCALE = 1:20,000



BRIDGING PHOTOGRAPHY 82 BC

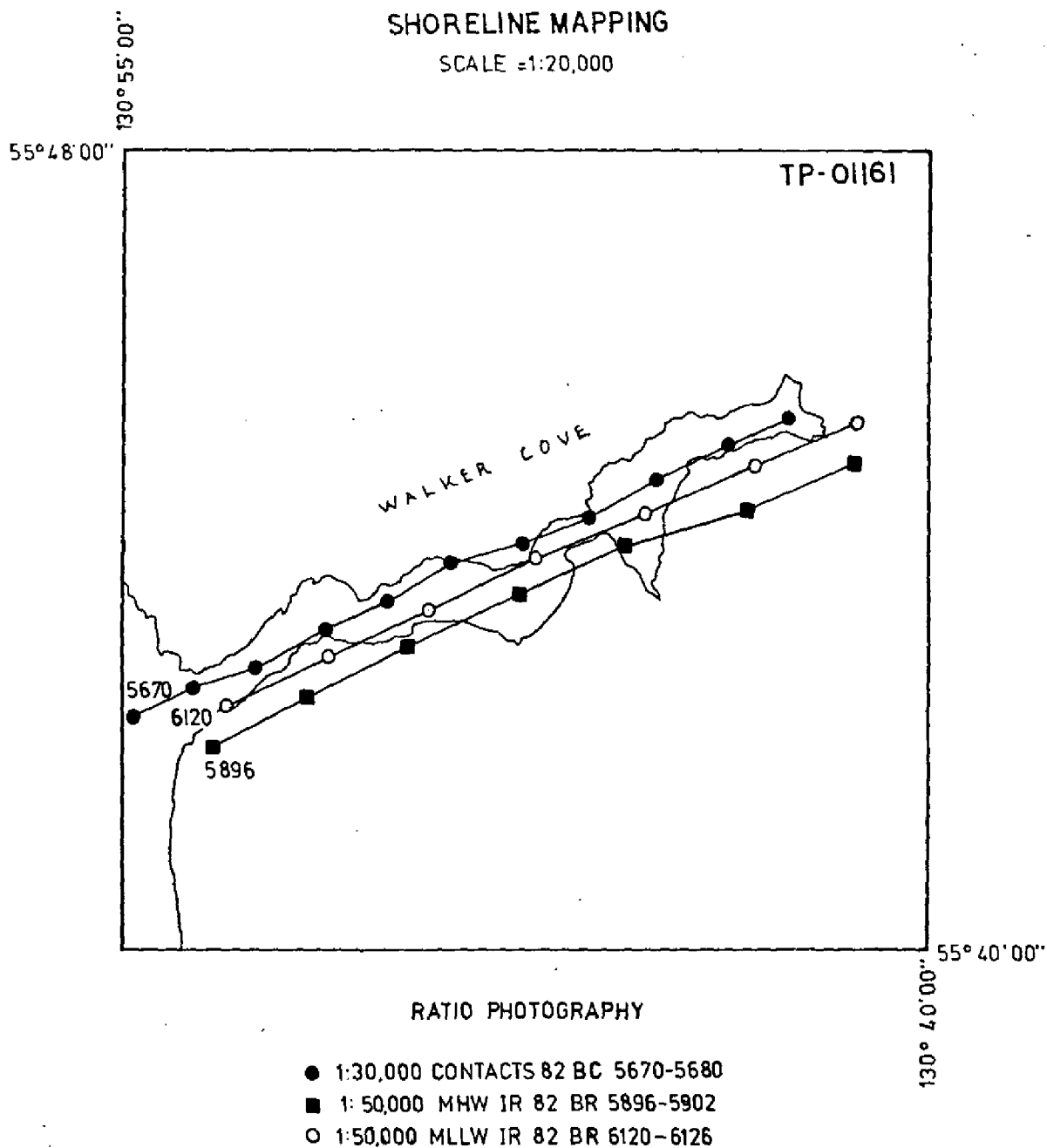
LEGEND

▲ TRIANGULATION

CM-8202
WALKER COVE
ALASKA

SHORELINE MAPPING

SCALE = 1:20,000



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	GEODETTIC DATUM		ORIGINATING ACTIVITY	
					N.A. Datum 1927 COORDINATES IN FEET STATE _____ ZONE _____	PHOTOGRAMMETRIC SECTION, PMC		
TP-01161	Joanny 1982 (Field Pos.)	CM-8202	G.P. Field Comp 1982		X=	φ 55°44'21.38"	Not plotted	
					Y=	λ 130°46'27.94"	on map	
	Lee 1982 (Field Pos.)		G.P. Field Comp 1982		X=	φ 55°45'41.20	"	
					Y=	λ 130°42'26.62	"	
EL 1931			*HCD Quad 551304 STA 1021	18	X=	φ 55°43'31.77	Not plotted on map	
			"		Y=	λ 130°50'40.61	Recovered 1982	
HUT 1931			STA 1038	11	X=	φ 55°31'31.90	"	
					Y=	λ 130°58'17.18	"	
CHICK 1931			"	17	X=	φ 55°43'22.25	"	
			STA 1012		Y=	λ 130°52'02.77	"	
MOST 1931			*HCD Quad 551304 STA 1048	25	X=	φ 55°43'58.54	"	
					Y=	λ 130°47'26.77	"	
LEDGE 1931			*HCD Quad 551304 STA 1042	12	X=	φ 55°42'26.16	"	
					Y=	λ 130°53'30.74	"	
FIN 1931			*HCD Quad 551304 STA 1026	23	X=	φ 55°43'06.80	"	
					Y=	λ 130°47'37.39	"	
					X=	φ		
					Y=	λ		
					X=	φ		
					Y=	λ		
COMPUTED BY				DATE	COMPUTATION CHECKED BY			
LISTED BY Ed Allen				DATE 10/83	LISTING CHECKED BY G. Fromm			
HAND PLOTTING BY				DATE	HAND PLOTTING CHECKED BY			

*HCD=Horizontal Control Data

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

COMPILATION REPORT
CM-8202
TP-01161

31. - DELINEATION

Delineation was accomplished on a Wild B-8 using 1:50,000 scale color photographs. Infrared 1:50,000 scale contact prints were used as aids in interpreting the color photographs. An unusual amount of overlap was noted in the compilation photo strip but it caused no problem during compilation. The segment of shoreline on the east side of Behm Canal south of 55°42' latitude to the southern limit of the manuscript was not compiled because the photo coverage and quality were not deemed adequate to insure the accepted accuracy standards. The centers of the photographs covering this area - 82B(C) 5688 and 5689 - are both well inshore, causing the water line to be obscured by trees. In addition, the area was beyond the normal neat limits of the stereo model. There is also excessive glare along this shoreline segment further degrading the quality of the photo imagery in this area.

32. - CONTROL

Refer to the Photogrammetric Plot Report dated December 1982.

33. - SUPPLEMENTAL DATA

None.

34. - CONTOURS AND DRAINAGE

Contours are not applicable to this project. Drainage was delineated from the stereo models set on a Wild B-8 supplemented by office interpretation of infrared contact prints.

35. - SHORELINE AND ALONGSHORE DETAIL

The Mean High Water Line and alongshore detail was compiled on a Wild B-8 using 1:50,000 scale color photographs supplemented by office interpretation of 1:50,000 scale infrared contact prints. No Mean Lower Low Water Line was compiled since all the photographs were exposed at a stage of tide higher than Mean Lower Low Water.

36. - OFFSHORE DETAIL

None.

37. - LANDMARKS AND AIDS TO NAVIGATION

There are no charted landmarks or aids to navigation within the limits of this map. There are no features recommended for consideration as new landmarks.

CM-8202
TP-01161

38. - CONTROL FOR FUTURE SURVEYS

None.

39. - JUNCTIONS

See the attached Form 76-36B, item 5 of the Descriptive Report concerning junctions.

40. - HORIZONTAL AND VERTICAL ACCURACY

See Item 32.

46. - COMPARISON WITH EXISTING MAPS

A comparison was made with the following 1:63,360 scale U. S. Geological Survey quadrangles:

KETCHIKAN (C-3), ALASKA, 1955, minor revision 1960
KETCHIKAN (D-3), ALASKA, 1955

47. - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following National Ocean Service chart:

No. 17424, 1:80,000 scale, 5th edition, August 6, 1977

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by:

Robert Mueller
Robert Mueller
Cartographer
July 27, 1983

Approved by:

James W. Massey
James W. Massey
Chief, Photogrammetric Section

REVIEW REPORT TP-01161
SHORELINE
OCTOBER 1983

61. General Statement

Refer to Summary bound with this Descriptive Report.

62. Comparison with Registered Topographic Surveys

None.

63. Comparison with Maps of Other Agencies

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

64. Comparison with Contemporary Hydrographic Surveys

None.

65. Comparison with Nautical Charts

A comparison of the map with Chart 17424, 1:80,000-scale, 5th edition, August 6, 1977.

66. Adequacy of Results and Future Surveys

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

67. Photographs

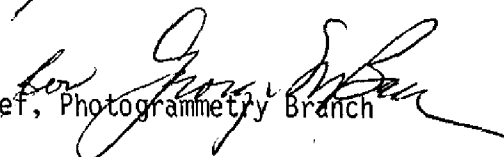
Photographs were taken June 1982 with the Wild RC-10(B) camera. Natural color photographs and the infrared photographs were taken at a scale of 1:50,000. The infrared photographs were used in a limited capacity to aid and supplement the color photographs. The color photographs, scale 1:30,000, mentioned in the Plot Report were not used in the compilation of this manuscript.

Submitted by:



Edward D. Allen

Approved and Forwarded:


Chief, Photogrammetric Section
Chief, Photogrammetry Branch

GEOGRAPHIC NAMES
FINAL NAME SHEET
CM-8202 (WALKER COVE, ALASKA)

TP-01161

Behm Canal

Hut Point

Ledge Point

Walker Cove

Walker Creek

Approved by:

Charles E. Harrington
Charles E. Harrington
Chief Geographer N/CG2x5
Nautical Charting 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.

[illegible]