

T-12047

T-12047

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-6013 Map No. T-12047
Classification No. Final Map Edition No. 1

LOCALITY

State Alaska
Cook Inlet
General Locality Kalgin Island to Anchorage
Locality Drift River

1966 TO 1974

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk, VA		SURVEY XXX T-12047 MAP EDITION NO. (1) MAP CLASS Final Map JOB PH- 6013	
OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.		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__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation 9/15/66 Compilation, Supplement 5 3/20/73 Compilation, Amend. 1 to Supp. 5 4/05/73 Compilation, Amend. 2 to Supp. 5 1/31/74		Field 6/6/66 Supplement 1 8/8/66	
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 checked="" type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Polyconic		4. GRID(S) STATE Alaska ZONE 4	
5. SCALE 1:20,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: Stereoplanigraph LANDMARKS AND AIDS BY		P. Hawkins	4/67
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY		R. Roberts	11/73
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY		R. R. White	3/74
INSTRUMENT: Wild B-8 SCALE: 1:20,000 CONTOURS BY CHECKED BY		L. O. Neterer, Jr.	3/74
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY		R. R. White	3/74
METHOD: Smoothdrafted CONTOURS BY CHECKED BY		G. R. Vanderhaven	4/74
SCALE: 1:20,000 HYDRO SUPPORT DATA BY CHECKED BY		NA	NA
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		R. R. White	3/74
6. APPLICATION OF FIELD EDIT DATA BY		G. R. Vanderhaven	4/74
7. COMPILATION SECTION REVIEW BY		G. R. Vanderhaven	4/74
8. FINAL REVIEW BY		David Butler	6/75
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		A. C. Rauck, Jr.	8/75
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		A. C. Rauck, Jr.	8/75
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		J. Byrd/C. Blood	6/86
12. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		J. Byrd	9/86
13. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		P. Dampsey	Oct. 1986
14. MAP REGISTERED - COASTAL SURVEY SECTION BY		E. A. DAUGHERTY	Dec 86

NOAA FORM 76-36B (3-72)		T-12047 COMPILATION SOURCES				U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
I. COMPILATION PHOTOGRAPHY							
CAMERA(S) Wild RC-8 "L"		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR X (P) PANCHROMATIC (I) INFRARED			TIME REFERENCE ZONE Alaska MERIDIAN 150th		
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY					<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT		
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE			
66L(P)6602 - 66L(P)6606	8/14/66	07:40	1:40,000	0.5 ft. above MLLW			
REMARKS							
2. SOURCE OF MEAN HIGH-WATER LINE:							
The mean high water line was compiled from the above listed photographs.							
3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:							
The mean lower low water line was compiled from the above listed photographs and a second low water line was compiled at the south area of this manuscript from 1967 L photos flown for Project PH-6301.							
4. CONTEMPORARY HYDROGRAPHIC SURVEYS <i>(List only those surveys that are sources for photogrammetric survey information.)</i>							
SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED		
5. FINAL JUNCTIONS							
NORTH	EAST		SOUTH		WEST		
None	T-12048		T-12346 PH-6301		None		
REMARKS The shoreline was extended beyond the neatline on T-12345, Project 6301 to junction with this sheet at the southwest corner.							

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	A. Wardwell	4/61 - 7/61
2. HORIZONTAL CONTROL	RECOVERED BY G. Saladin	4/61 - 7/61
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY None	
3. VERTICAL CONTROL	RECOVERED BY NA	
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AID 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 NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AID TO NAVIGATION IDENTIFIED

None

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)

None

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYT-12047
HISTORY OF FIELD OPERATIONSI. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	N. E. Taylor	6/67
2. HORIZONTAL CONTROL	RECOVERED BY L. L. Riggers	6/67
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY L. L. Riggers	6/67
3. VERTICAL CONTROL	RECOVERED BY NA	
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
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 BY	
	<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 None	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
67M827	REDOUBT BAY NORTH BASE, 1944 REDOUBT BAY NORTH BASE, RM2, 1944		

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

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)

1 Form 152

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYT-12047
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Albright	1974
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	NA NA NA
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None J. Albright 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	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

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)

1 Form 76-40
 1 Field Edit Ozalid
 (No Field Edit Report submitted)

NOAA FORM 76-36C
(3-72)

NOAA FORM 76-36D (3-72)		T-12047			U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	
RECORD OF SURVEY USE						
I. MANUSCRIPT COPIES						
COMPILATION STAGES					DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT		
Compilation complete, pending field edit.	3/74	Class III Manuscript Superseded	None	4/16/74		
Field edit applied.	6/75	Class I Manuscript	2/11/77	2/11/77		
Final Review	6/86	Final Map				
II. LANDMARKS AND AIDS TO NAVIGATION						
1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH						
NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS			
1		2/6/78	Aids for charts			
2. <input checked="" type="checkbox"/> REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: <u>February 6, 1978</u> 3. <input type="checkbox"/> REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____						
III. FEDERAL RECORDS CENTER DATA						
1. <input checked="" type="checkbox"/> BRIDGING PHOTOGRAPHS; <input checked="" type="checkbox"/> DUPLICATE BRIDGING REPORT; <input checked="" type="checkbox"/> COMPUTER READOUTS. 2. <input checked="" type="checkbox"/> CONTROL STATION IDENTIFICATION CARDS; <input checked="" type="checkbox"/> FORM NOS 76-40 ⁷⁶⁻⁴⁰ SUBMITTED BY FIELD PARTIES. 3. <input checked="" type="checkbox"/> SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS: 4. <input type="checkbox"/> 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			

JOB PH-6013 SHORELINE MAPPING COOK INLET ALASKA KALGIN ISLAND TO ANCHORAGE 1:20,000 & 1:10,000 SCALE

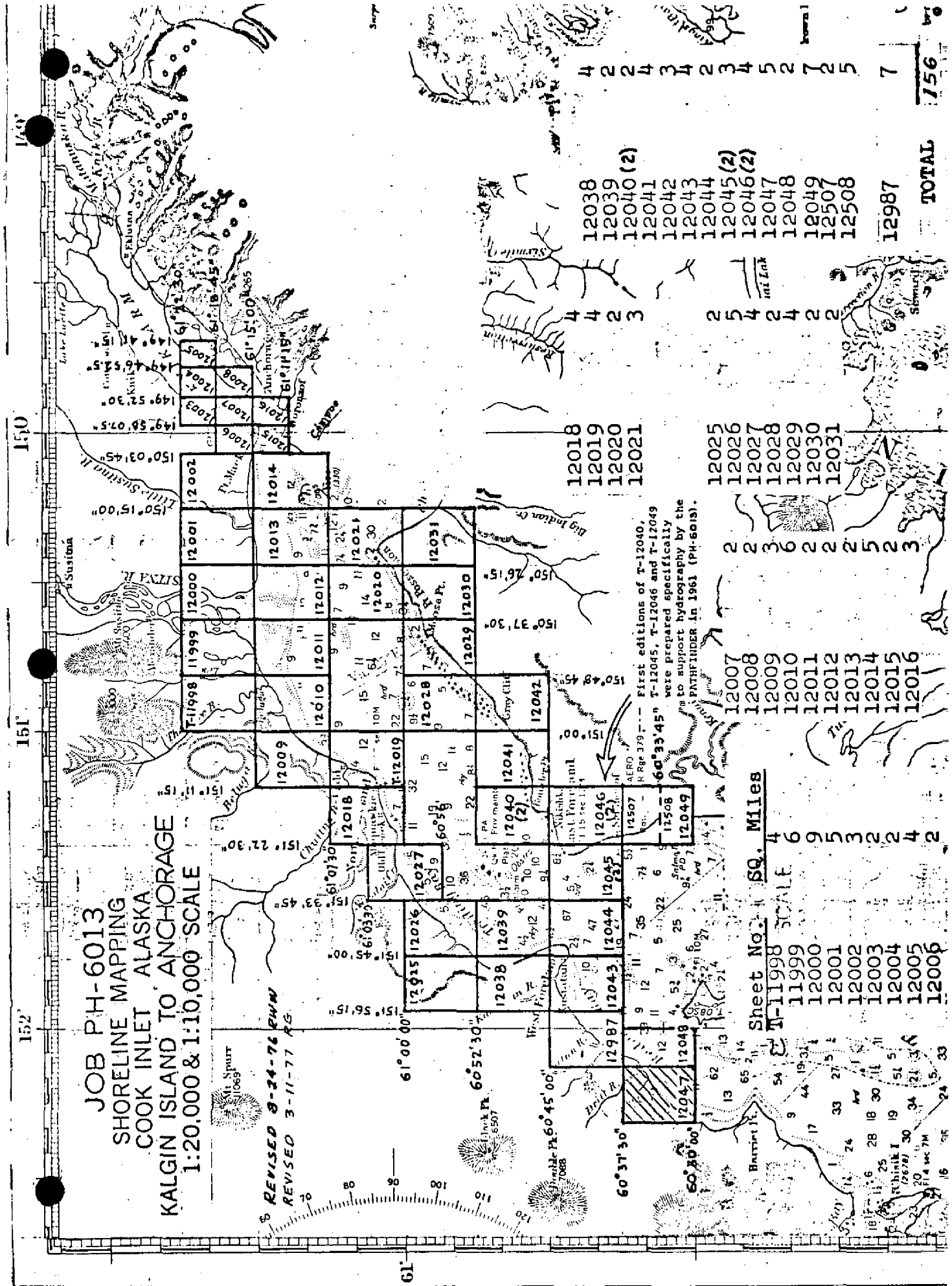
REVISED 3-24-76 RWN
REVISED 3-11-77 R.S.

Sheet No.	SQ.	Miles
T-11998	SCALE	4
11999	6	6
12000	9	5
12001	3	2
12002	2	2
12003	3	2
12004	2	2
12005	4	2
12006	2	2

First editions of T-12040, T-12045, T-12046 and T-12049 were prepared specifically to support hydrography by the PATHFINDER in 1961 (PH-6013).

12018	12038
12019	12039
12020	12040(2)
12021	12041
	12042
	12043
	12044
	12045(2)
	12046(2)
	12047
	12048
	12049
	12507
	12508
	12987
	TOTAL
	156

12025	12007
12026	12008
12027	12009
12028	12010
12029	12011
12030	12012
12031	12013
	12014
	12015
	12016



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

T-12047

This 1:20,000 scale Final shoreline map is one of 44 maps designated as project PH-6013 Cook Inlet, Kalgin Island to Anchorage, Alaska.

The purpose of this map was to provide contemporary shoreline in support of hydrographic operations and to aid in chart revision.

Field work prior to compilation in the 1961 field season consisted of recovery of horizontal control and limited field inspection. Field work in 1966 consisted of premarking of horizontal control for future aerotriangulation.

This area was photographed in August 1966 with the RC-8 "L" camera using panchromatic film at 1:40,000 scale and in August 1966 with the RC-9 "M" camera using infrared film at 1:30,000 scale.

Aerotriangulation was performed in the Washington office in April 1967.

This map was compiled at the Norfolk office in April 1974.

Field edit was performed for T-12047 during the 1974 field season. Field edit data was applied at AMC in August 1975.

Final review was performed at the Atlantic Marine Center in June 1986.

This Descriptive Report contains all pertinent information used to compile this Final Map. The original base manuscript and all related data were forwarded to the Washington Science Center for final registration.

FIELD INSPECTION

T-12047

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification of the horizontal control necessary for the aerotriangulation of the project.

PHOTOGRAMMETRIC PLOT REPORT

Job PH-6013

Cook Inlet, Alaska

April 13, 1967

21. Area Covered

The area covered by this report extends from the Redoubt Bay-East Foreland area to Anchorage, Alaska. Included in this area are T-sheets 11998 thru 12001, 12009 thru 12012, 12018, 12019, 12021, 12025 thru 12030, 12038, 12039, 12042 thru 12044, 12047, 12048 and 12987.

22. Method

Five strips were bridged on the C-8 and C-5 stereoplanigraph. Strip #1 (66-L-6602 thru 6623) was adjusted on four triangulation stations with tie points used as checks. Strip #2 (66-L-6629 thru 6634) was adjusted on two triangulation stations plus tie points from Strip #1. Strip #3 (66-L-6641 thru 6653) was adjusted on three triangulation stations plus ties. Strip #4 (66-L-6667 thru 6677) was adjusted on three triangulation stations plus ties. Strip #9 (66-L-6713 thru 6725) was adjusted on three triangulation stations.

23. Adequacy of Control

The control, being premarked, was very good insofar as being able to see it clearly; however, in several cases, the 1:40,000 scale photography completely missed the stations. It should be noted that all strips were adjusted with minimum control, and as such, no positive proof can be provided that the adjustments are correct other than by means of tie points and residuals of adjustment. The tie points and residuals do indicate a good adjustment on all strips. Strip #4 had to be terminated at station SIT 1966 due to lack of control beyond this point. (Port McKenzie could not be seen on the 1:40,000 scale photography.) Attempts were made to provide a tie point for the terminal station on the east end of this strip by bridging three models south of Anchorage, dropping points onto Strip #4. This met with complete failure. Strip #6 had to be terminated on the southern end at station GRAY CLIFF 1909 since the station at East Foreland was not covered by the 1:40,000 scale photography.

24. Supplemental Data

Local USGS quads were used to provide vertical control used in the bridging adjustment.

The coverage of 1966 photography falls short of being sufficient to show the shallow mud areas which are near lower-low water level in the area of the Susitna River Delta. To provide for the delineation of the limiting line of this feature, scale points have been selected which are common to 61M photography which does show the limiting line. Ratios of these photographs will be provided for the graphic delineation of the limiting line only. The compiler should select whatever additional points are necessary for correct delineation. A holiday exists on some of the shoreline along Strip #9. A flight of 60W photography provides coverage and three ratio photos were provided for compilation of this area.

All points on the bridged plates were drilled by PUG methods. Plate 66-L-6719 was broken after bridging. A new plate was provided but it does not contain any drilled points. It is suggested that the models on either side be compiled and pass points be dropped on this plate for compilation.

25. Photography

Photography was adequate as to definition and overlap but was not adequate as to coverage. The 1:40,000 scale photos did not cover either the shoreline or the marked control on the east end of Strip #4 or the southwest end of Strip #9. A portion of the shoreline along the part of Strip #9 which was bridged also lacks coverage.

Submitted by:

Paul Hawkins
by JPD

Paul Hawkins

Approved by:

John D. Perrow Jr.
John D. Perrow, Jr.

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	PH-6013	GEODETIC DATUM	NA	1927	ORIGINATING ACTIVITY	Coastal Mapping
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE <u>Alaska</u> ZONE <u>4</u>	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE		REMARKS FORWARD BACK	
REDOUBT BAY NORTH BASE, 1944	G.P. Vol 5 P. 006		X=	ϕ	60 31 35.107	1086.6	(770.5)
			Y=	λ	152 16 54.531	831.8	(83.4)
RIFT, 1966	G.P. Form 28B		X=	ϕ	60 35 00.741	22.9	(1834.1)
			Y=	λ	152 08 06.288	95.7	(817.9)
REDOUBT BAY NORTH BASE, R.M. 2, 1944			X=	ϕ		1533.8	(8466.2)
			Y=	λ		8953.0	(1047.0)
MUD, 1911	G.P. Vol 5 P. 771		X=	ϕ	60 30 54.15	1676.0	(181.1)
			Y=	λ	152 17 40.03	610.8	(304.7)
DRIVER, 1967	G.P. Form 28D		X=	ϕ	60 35 11.031	341.4	(1515.7)
			Y=	λ	152 09 43.011	654.9	(258.7)
			X=	ϕ			
			Y=	λ			
			X=	ϕ			
			Y=	λ			
			X=	ϕ			
			Y=	λ			
			X=	ϕ			
			Y=	λ			
			X=	ϕ			
			Y=	λ			
COMPUTED BY	R. R. White	DATE 11/14/73	COMPUTATION CHECKED BY		L. B. Foltz	DATE	11/15/73
LISTED BY		DATE	LISTING CHECKED BY			DATE	
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY			DATE	

COMPILATION REPORT

T-12047

31. DELINATION:

Delineation was by the Wild B-8 stereoplotter using 1:40,000 panchromatic photography. The photography was adequate.

32. CONTROL:

See Photogrammetric Plot Report dated April 13, 1967.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are inapplicable.

Drainage was delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

Alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

The mean high water line was delineated from the photographs. Between Lat. 60°30'30" and 60°30'00", the MHWL and MLLWL were transferred from T-12345 and T-12346, project PH-6301. The balance of the MLLWL was compiled from the 1966 photos which were taken at 0.5 ft. above MLLW.

36. OFFSHORE DETAILS:

None.

37. LANDMARKS AND AIDS:

No charted landmarks or aids were noted during compilation.

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:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with the following USGS Quadrangles: KENAI (C-6), ALASKA and KENAI (C-7), ALASKA, scale 1:63,360, dated 1958.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with the following National Ocean Survey Chart: No. 8553, scale 1:194,154, 15th Edition, dated December 29, 1973.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

Richard R. White

Richard R. White
Cartographic Technician
March 14, 1974

Approved:

Albert C. Rauck, Jr.

Albert C. Rauck, Jr.
Chief, Coastal Mapping Section

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6013 (Cook Inlet)

T-12047

Cannery Creek

Cook Inlet

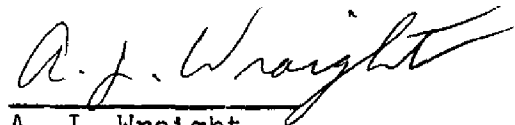
Drift River

Little Jack Slough

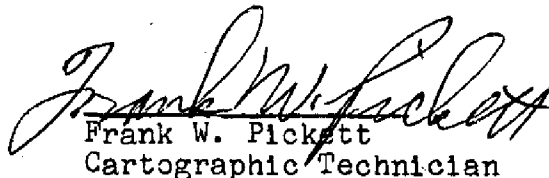
Redoubt Bay

Rust Slough

Approved by:

A. J. Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Cartographic Technician

REVIEW REPORT
T-12047

SHORELINE

61. GENERAL STATEMENT

See Summary included with this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Not applicable.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with the following contemporary Hydrographic Surveys:

H-8963, scale 1:10,000, dated January 10, 1967

H-8964, scale 1:20,000, dated January 20, 1967

H-8965, scale 1:20,000, dated February 20, 1967.

There were no major conflicts.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS chart:

16660, scale 1:194,154, 22nd edition, May 8, 1982

16662, scale 1:100,000, 1st edition, April 9, 1983.

There were no major conflicts.

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

J. L. Byrd, Jr.
James L. Byrd, Jr.
Final Reviewer

Approved for forwarding

Billy H. Barnes
Billy H. Barnes

Chief, Photogrammetric Section

Approved

J. H. Mooney
Chief, Photogrammetry Production Sec.

Ronald L. Brewer
Chief, Photogrammetry Branch

NOAA FORM 76-40
(8-74)

Replaces C&GS Form 567.

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

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

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)

DATE

6/75

LOCALITY

Cook Inlet
Kalgin Island to Anchorage

STATE

Alaska

REPORTING UNIT
(Field Party, Ship or Office)

Coastal Mapping Div.
AMC, Norfolk, VA

The following objects HAVE ☒ BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.

OPR PROJECT NO.

JOB NUMBER

SURVEY NUMBER

DATUM

NA 1927

POSITION

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

CHARTS
AFFECTED

CHARTING
NAME

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

LATITUDE

LONGITUDE

° / ' " D.M. Meters ° / ' " D.P. Meters

LIGHT

Drift River Terminal
South Light LL No. 3414.80

60 33

13.334 152 08
412.7 124.7

F-4-6
6/22/74

8553

LIGHT

Drift River Terminal
North Light LL No. 3414.85

60 33

19.778 152 07
612.2 896.9

F-4-6
6/22/74

8553

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	P. Chelgren
POSITIONS DETERMINED AND/OR VERIFIED	J. Albright
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW	D. Butler
ACTIVITIES	<input checked="" type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)
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: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection P - Photogrammetric Vis - Visually 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant 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.' EXAMPLE: Triang. Rec. 8-12-75 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods. **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.	

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]