

T- 12352

T- 12352

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. T-12352	Edition No. 1
Job No. PH-6301 PART 2	
Map Classification FINAL MAP	
Type of Survey SHORELINE	
LOCALITY	
State ALASKA	
General Locality COOK INLET SOUTHERN PART	
Locality TUXEDNI BAY	
19 ⁶⁶ TO 19 ⁷⁸	
REGISTERED 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, Norfolk, VA		SURVEY TP. <u>12352</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final Map</u> JOB <u>PH. 6301 Pt 2</u>	
OFFICER-IN-CHARGE Jeffrey G. Carlen		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB <u>PH. _____</u> MAP CLASS <u>_____</u> SURVEY DATES: 19 <u> </u> TO 19 <u> </u>	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation June 27, 1975 Compilation Oct 9, 1975 " Amend I May 20, 1976 " Amend II Jan 28, 1977			
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 Transverse Mercator		4. GRID(S) STATE <u>Alaska</u> ZONE <u>5</u> STATE <u> </u> ZONE <u> </u>	
5. SCALE 1:20,000			
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		<u>S. Solbeck</u>	<u>Sept 1975</u>
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Coradomat</u> CHECKED BY		<u>S. Solbeck</u> <u>"</u>	<u>Sept 1975</u> <u>"</u>
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: <u>Wild B-8</u> CONTOURS BY SCALE: <u>1:20,000</u> CHECKED BY		<u>C. Blood</u> <u>A. C. Rauck, Jr.</u> <u>N.A.</u> <u>N.A.</u>	<u>April 1977</u> <u>"</u>
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: <u>smooth drafted</u> CONTOURS BY SCALE: <u>1:20,000</u> CHECKED BY HYDRO SUPPORT DATA BY		<u>J. Roderick</u> <u>J. Byrd</u> <u>N.A.</u> <u>N.A.</u> <u>J. Roderick</u> <u>J. Byrd</u>	<u>May 1977</u> <u>"</u> <u>May 1977</u> <u>"</u>
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		<u>J. Byrd</u>	<u>May 31, 77</u>
6. APPLICATION OF FIELD EDIT DATA BY		<u>F. Mauldin</u>	<u>Nov 1978</u>
7. COMPILATION SECTION REVIEW BY		<u>F. Margiotta</u>	<u>Nov 1978</u>
8. FINAL REVIEW BY		<u>F. Margiotts</u>	<u>Nov 1978</u>
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		<u>C. Blood/J. Byrd</u>	<u>Oct 1986</u>
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		<u>J. Byrd</u>	<u>Jan 1987</u>
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		<u>P. Dempsey</u> <u>E. L. DAUGHERTY</u>	<u>Feb. 1987</u> <u>APR '87</u>

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYT-12352
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8"E" FL=152.71mm Wild RC-9"M" FL=88.20mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR X (P) PANCHROMATIC X (I) INFRARED		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Alaska	
				MERIDIAN	
				150th	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
70E(C) 7176, 7177*	July 25, 70	11:18	1:40,000	5.8 ft above MLLW	
70E(C) 7265-7268*	"	12:45	1:40,000	3.8 "	
70E(C) 7293-7294**	"	13:15	1:20,000	3.7 "	
70E(C) 7271-7277**	"	13:05	1:20,000	3.7 "	
70E(C) 7299-7303**	"	13:24	1:20,000	3.7 "	
70E(C) 7323, 7324**	"	13:41	1:20,000	4.0 "	
70E(C) 7325-7327**	"	13:50	1:20,000	4.1 "	
70M(P) 278-280***	July 20, 70		1:60,000	No tide data	

REMARKS

*Compilation photography ** Hydro-support photography ***Bridge photography

2. SOURCE OF MEAN HIGH-WATER LINE:

*The mean high water line was compiled from the above compilation photography

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

None 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	EAST	SOUTH	WEST
No survey	T-12353	No survey	T-12351
REMARKS			

NOAA FORM 76-36C
(3-72)

T-12352

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

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD ~~INSPECTION~~ OPERATION Premarking ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	E. Taylor	May-July 70
2. HORIZONTAL CONTROL	RECOVERED BY None ESTABLISHED BY E.A.T. PRE-MARKED OR IDENTIFIED BY J.B.M. and R.D.O.	May-July 70 "
3. VERTICAL CONTROL	RECOVERED BY None ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY None	
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 N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

Premarked

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
70M-278	OPEN, 1970		
70M-280	FOO, 1970		
70M-281	YOUNG, 1970		

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)

3-forms 152, and 1 Geodetic Traverse Report, Pathfinder, 1970

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

T-12352

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	B. Williams	Jun-Aug 78
2. HORIZONTAL CONTROL	RECOVERED BY J. Withrow	July 1978
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY None	
3. VERTICAL CONTROL	RECOVERED BY None	
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY None	
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 BY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY B. Williams	July 78
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER

STATION NAME

PHOTO NUMBER

STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

70E(C) 7301, 70E(C) 7302 70E(C) 7324

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER

OBJECT NAME

PHOTO NUMBER

OBJECT NAME

5. GEOGRAPHIC NAMES:

☐ REPORT☒ NONE

6. 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)

Field edit ozalid Field edit report

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONT-12352
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	May 1977	Class III manuscript	Mar 13, 78	Mar 14, 78
Field edit applied compilation complete	Nov 1978	Class I manuscript	Dec 8, 78	Dec 8, 78
Final Review	Nov 1986	Final Map	2-11-87	

II. LANDMARKS AND AIDS TO NAVIGATION

None

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: None3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: None

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: _____

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

PROJECT PH-6301 (PART-2) SHORELINE MAPPING

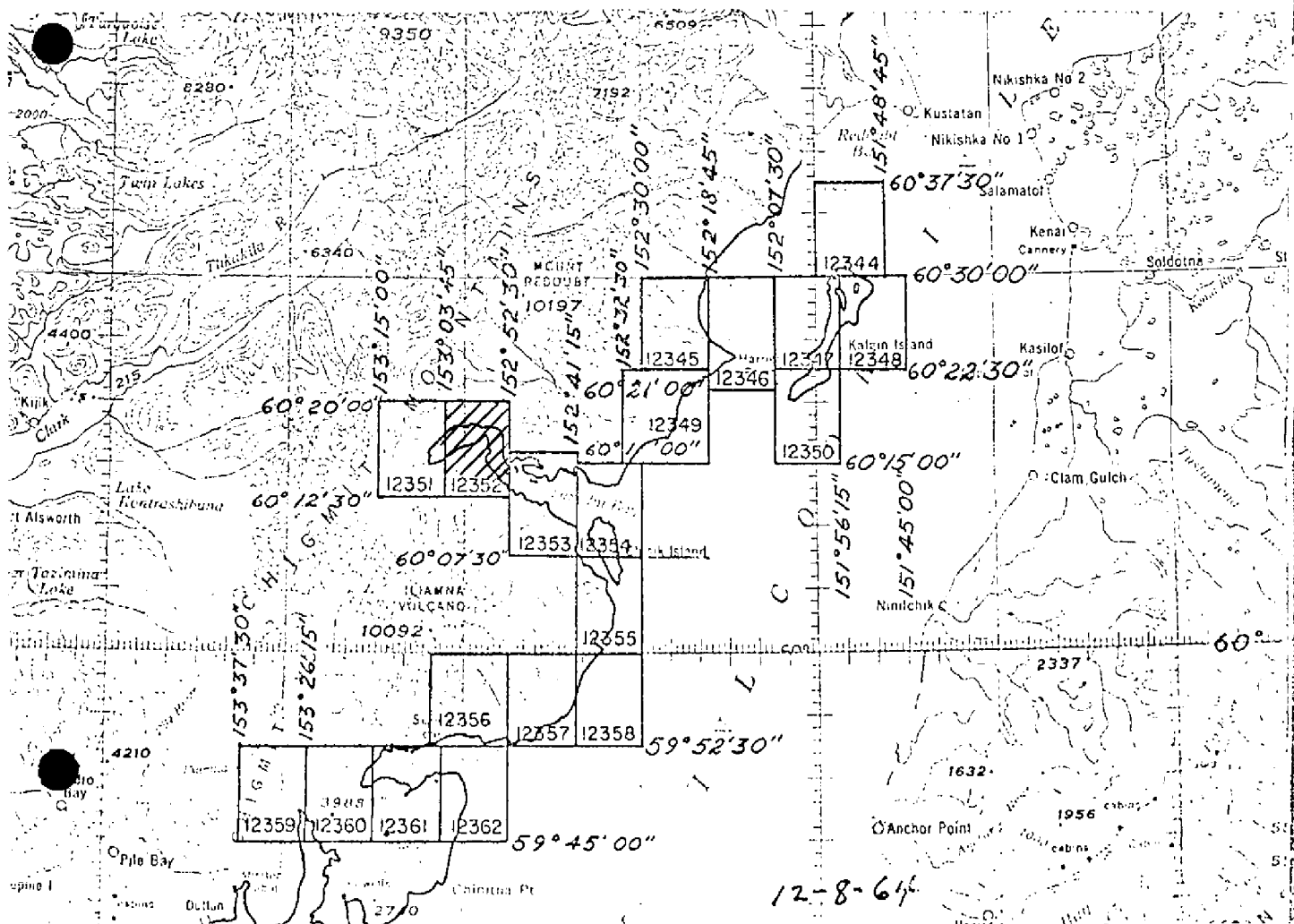
Scale 1:20000
ALASKA

COOK INLET

OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet No.	Area Sq. Mile	Lin. Mile Shoreline	Sheet No.	Area Sq. Mile	Lin. Mile Shoreline
T-12344	2	4	T-12354	11	22
T-12345	3	6	T-12355	8	18
T-12346	3	6	T-12356	3	6
T-12347	8	16	T-12357	7	14
T-12348	4	8	T-12358	2	4
T-12349	5	10	T-12359	3	6
T-12350	4	9	T-12360	4	7
T-12351	4	9	T-12361	10	19
T-12352	10	21	T-12362	4	8
T-12353	11	22			

Totals - Area 106 sq. mile; Shoreline 213 sq. mile



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

T-12352

This 1:20,000 scale Final shoreline map is one of nineteen 1:20,000 scale maps designated as project PH-6301 Part II, Southern Part, Cook Inlet, 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 during the 1970 field season consisted of recovery and premarking of horizontal control for aerotriangulation.

This map area was photographed in July 1970 with the RC-9 "M" camera at 1:60,000 scale using panchromatic film. The map area was also photographed in July 1970 with the RC-8 "E" camera at 1:40,000 and 1:20,000 scale using color film.

Aerotriangulation was completed at the Washington office in June 27, 1975.

This map was compiled at the Norfolk office in May 1977.

Field edit was acquired for T-12352 during the 1978 field season. Field edit was applied at AMC in November 1978.

Final review was accomplished at the Atlantic Marine Center in October 1986. A Chart Maintenance Print was prepared and forwarded to the Marine Charts Branch.

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-12352

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

Photogrammetric Plot Report
Cook Inlet, Alaska
PH-6301

21. Area Covered

The area covered by this report is the western shoreline along Cook Inlet, Alaska, from Chinita Bay to Tuxedni Bay. This area is covered by 13 1:20,000 sheets; T-12349, T-12351-12362.

22. Method

Three strips of 1:60,000 scale black-and-white panchromatic photography were bridged by analytic aerotriangulation methods.

Common points were located on the bridging photography and the 1:20,000 color photography being used for ratio purposes. In addition, common points were located on the bridging and 1:20,000 photography being used for compilation. Tie points were used on all three strips to insure an adequate junction of all photography during the strip adjustment. Ratio prints were ordered. The T-sheet manuscripts were plotted on the Coradomat.

23. Adequacy of Control

Control checked within map accuracy standards, but due to the fact that this area is within the 1964 earthquake zone, some local stations could have moved.

Station F00, 1970, could not be held in the strip adjustment and this is believed to be the cause.

On September 3, 1975, Geodesy informed this office that not enough data was available to make any significant changes on the horizontal control in this area.

24. Supplemental Data

USGS Quadrangles were used to provide vertical control for the adjustment.

25. Photography

The coverage, overlap, and quality of the photography was adequate for the job.

Submitted by,

Stephen H. Solbeck
Stephen H. Solbeck

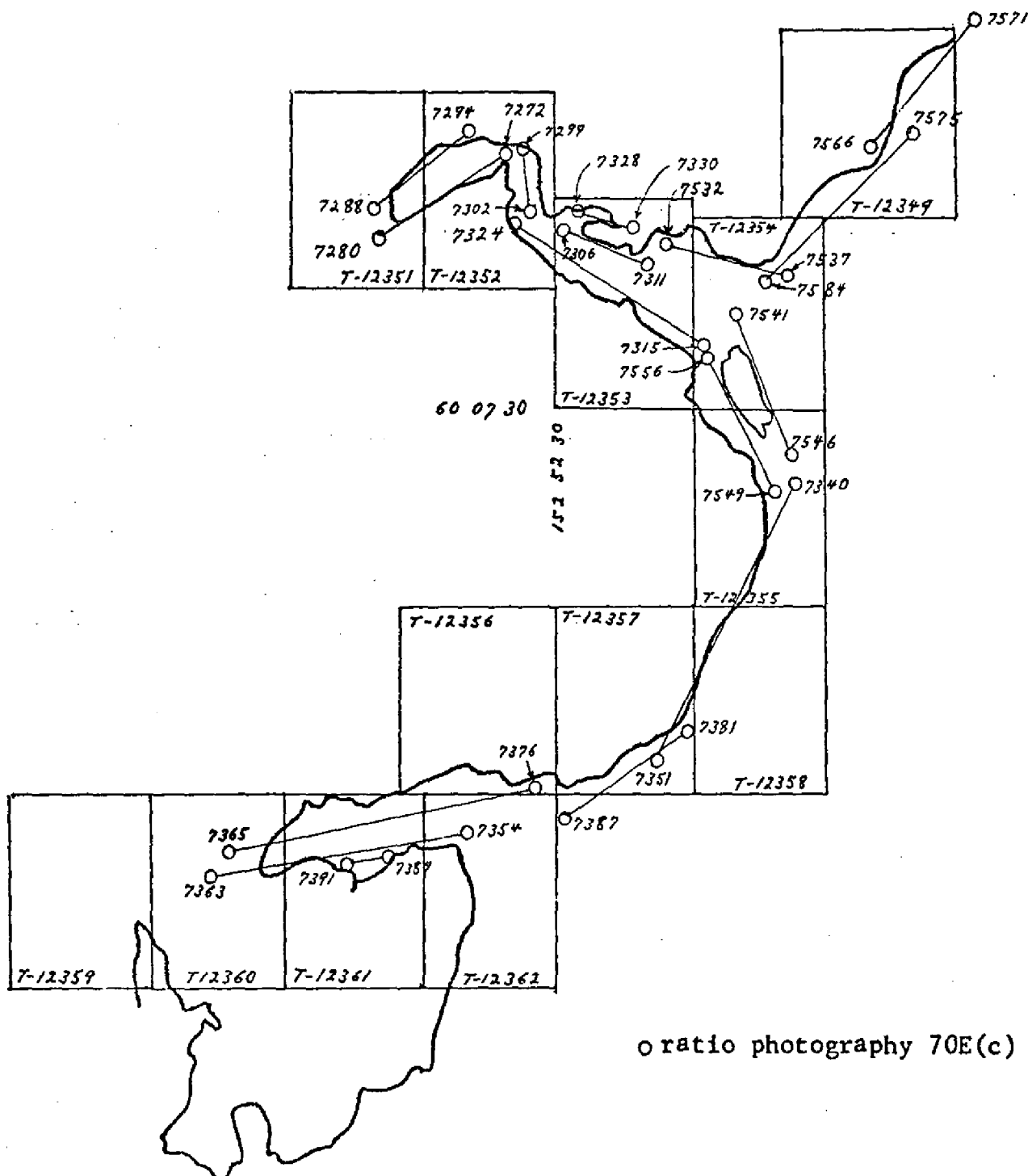
Approved and forwarded:

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

Chief, Aerotriangulation Section

29 SEP 75

AEROTRIANGULATION SKETCH
 COOK INLET ALASKA
 PART-2
 PH-6301
 September, 1975



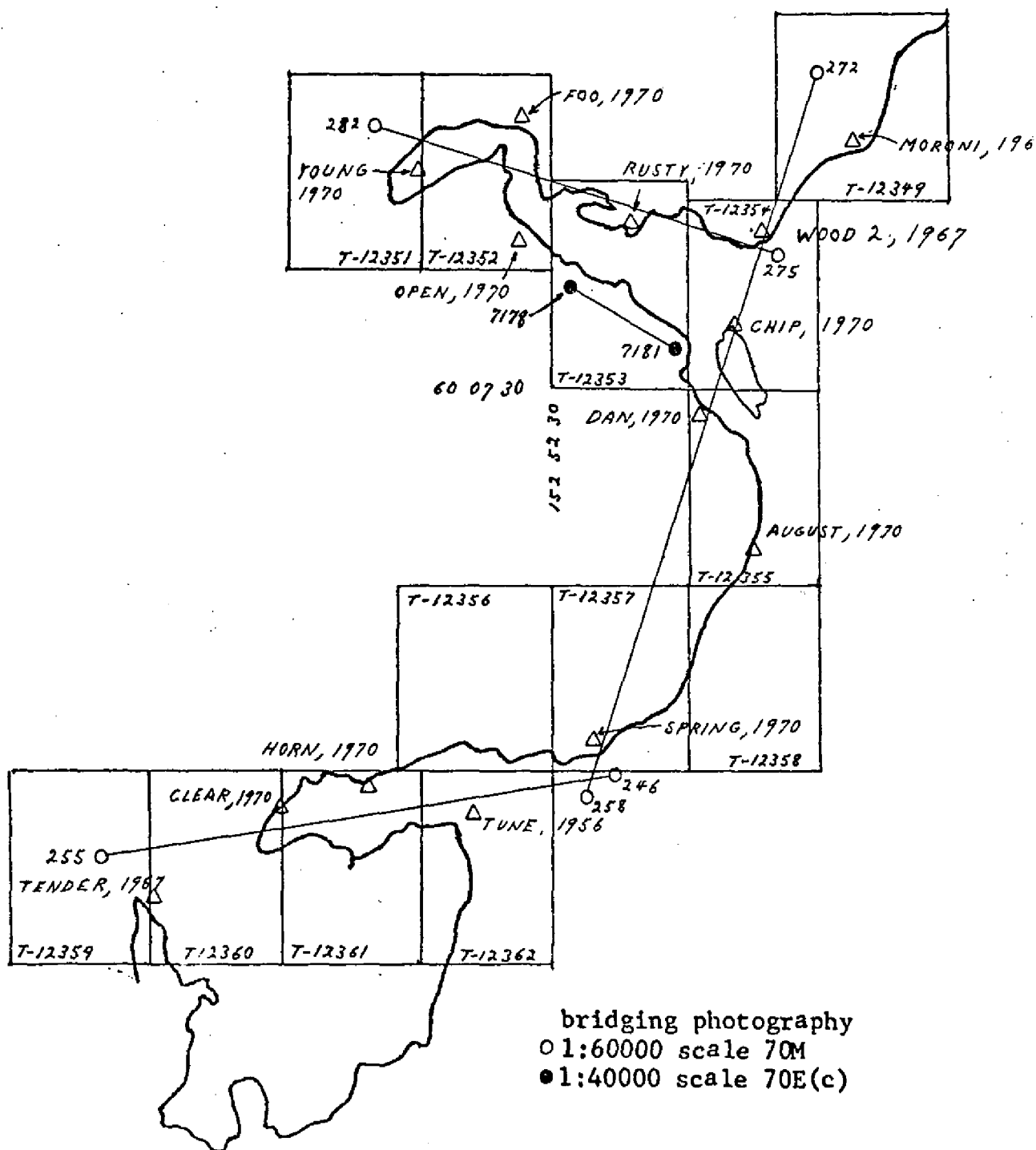
AEROTRIANGULATION SKETCH

COOK INLET ALASKA

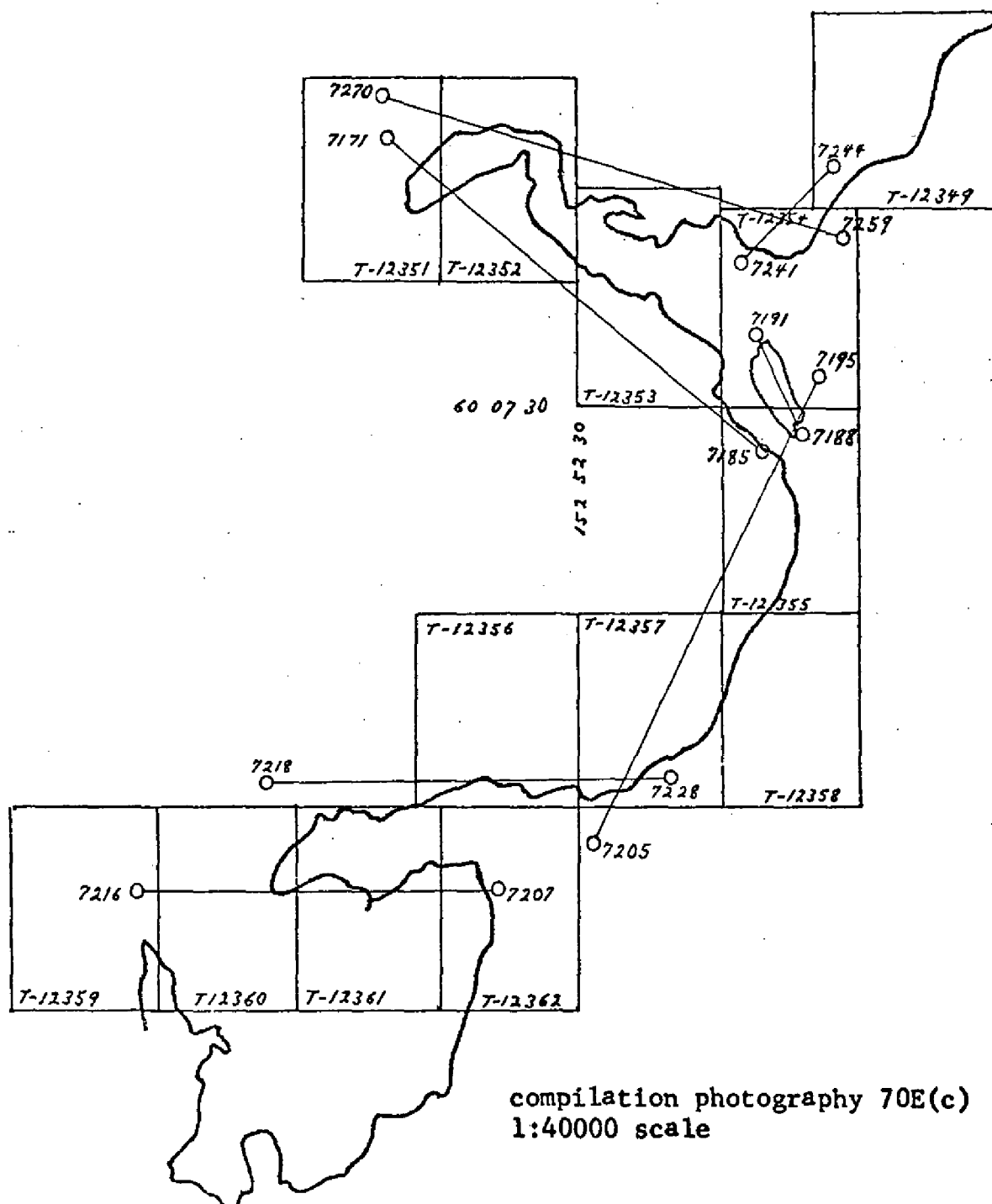
PART-2

PH-6301

September, 1975



AEROTRIANGULATION SKETCH
COOK INLET ALASKA
PART-2
PH-6301
September, 1975



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETTIC DATUM		ORIGINATING ACTIVITY			
		PH-6301 Part 2	N.A. 1927	COASTAL MAPPING DIV, AMC			
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		REMARKS
			STATE	ZONE	ϕ LATITUDE	λ LONGITUDE	
FOO, 1970	Geodetic traverse Report 1970 Pathfinder	280100	Alaska	5	$x=$	ϕ 60° 18' 19.158"	
					$y=$	λ 152° 54' 35.781"	
OPEN, 1970	"	278101			$x=$	ϕ 60° 13' 20.468"	
					$y=$	λ 152° 52' 56.788"	
YOUNG, 1970	"	281100			$x=$	ϕ 60° 16' 46.364"	
					$y=$	λ 153° 03' 42.428"	
CLOSED, 1978	Field edit				$x=$	ϕ 60° 14' 16.90"	
					$y=$	λ 152° 52' 38.73"	
					$x=$	ϕ	
					$y=$	λ	
					$x=$	ϕ	
					$y=$	λ	
					$x=$	ϕ	
					$y=$	λ	
					$x=$	ϕ	
					$y=$	λ	
					$x=$	ϕ	
					$y=$	λ	
					$x=$	ϕ	
					$y=$	λ	
COMPUTED BY					COMPUTATION CHECKED BY		DATE
LISTED BY	A.C. Rauck Jr.				LISTING CHECKED BY		DATE
HAND PLOTTING BY					HAND PLOTTING CHECKED BY		DATE

COMPILATION REPORT

T-12352

31 - DELINEATION

Delineation was accomplished using the Wild B-8 stereoplotter with 1:40,000 scale color photography. Points common to 1:20,000 scale color ratios were selected and positioned to allow for a check to be made graphically with the stereoplotter compilation. Photography was adequate.

32 - CONTROL

See the attached Photogrammetric Plot Report, dated September 29, 1975.

33 - SUPPLEMENTAL DATA

None

34 - CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was delineated by using the Wild B-8 stereoplotter from compiler's interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

Alongshore details were delineated using the Wild B-8 stereoplotter from compiler's interpretation of the photographs.

The mean high water line was office edited and refined from the ratioed photographs.

36 - OFFSHORE DETAILS

No unusual problems.

37 - LANDMARKS AND AIDS

There were no landmarks or aids to navigation noted during compilation.

38 - CONTROL FOR FUTURE SURVEYS

None

T-12361

39 - JUNCTIONS

See the attached Form 76-36B, item #5 of the Descriptive Report concerning junctions. Junctions are in agreement.

40 - HORIZONTAL AND VERTICAL ACCURACY

Refer to the Photogrammetric Plot Report, dated September 29, 1975.

46 - COMPARISON WITH EXISTING MAPS

A comparison has been made with the following U. S. Geological Survey Quadrangles: Lake Clark (B-1), scale 1:63,360, dated 1958;
Kenai (B-8), scale 1:63,360, 1958;
Kenai (A-8), scale 1:63,360, 1958.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the National Ocean Survey chart: No. 16640, scale 1:200,000 dated May 25, 1974.

The map area north of latitude 60 16' is not shown on this chart.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by:

Joanne D. Roderick
Joanne Roderick
Cartographer
Date: May 13, 1977

Approved:

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

Feb. 6, 1987

GEOGRAPHIC NAMES

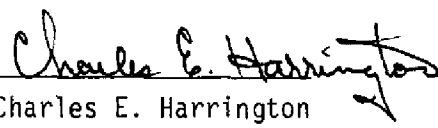
FINAL NAME SHEET

PH-6301 (Cook Inlet, Alaska-Part 2)

T-12352

Open Creek
Tuxedni River

Prepared by:


Charles E. Harrington
Staff Geographer

Field Edit Report
OPR-P114-FA-78
Redoubt Point, Tuxedni Bay

GENERAL

This report covers field edit work done on topographic manuscripts T-12349 and T-12351 through T-12355. Work was performed by LTjg Crowell, ENS Finke and ENS Roberts during the months of June, July and August 1978.

RECOMMENDATIONS

It could be very helpful if color photographs were supplied to parties assigned to field work in addition to black and white photographs. Many features which are obvious in the field do not show up at all on black and white photographs.

Submitted by

Robert B Crowell

Robert B Crowell
LTjg, NOAA

Approved by

Bruce I Williams

Bruce I Williams
Commanding Officer
NOAA Ship Fairweather

T-12352
Tuxedni River

DESCRIPTION

The area further up the river is not easily accessible and no field edit was done west of $152^{\circ} 58.2' W$. The river is only partially affected by marine tides. Extensive marsh areas line the river bank and are backed by high bluffs and steep hillsides. The edges of the marsh grass areas indicate mean high water fairly accurately.

METHOD

Field edit was done from a skiff and was limited to visual verification of shoreline features, examining the ozalids and photographs in the field. Little effort was made to verify the shallow areas further up the river as none of the river is particularly deep.

ADEQUACY AND COMPLETENESS OF COMPILATION

Office and field compilation of the manuscript are adequate for the purpose of nautical charting, especially considering that the river can hardly be called navigable. Field edit work should be considered complete.

RECOMMENDATIONS

Color photographs would have been helpful in verifying the marsh areas on this manuscript and that to the west (T-12353).

REVIEW REPORT T-12352
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 Hydrographic Survey H-9771
1:20,000 scale, dated June 30, 1980.

There were no conflicts.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with NOS chart 16661, scale 1:100,000,
dated July 27, 1985. The map area west of longitude 153 W is not shown
on a contemporary chart.

The chart compared well with this manuscript.

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

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

Approved for forwarding

Billy H. Barnes
Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved

July D. Rohsen, Jr. *Al. Boyer*
Chief, Photogrammetric Production Sect. Chief, Photogrammetry Branch

