

T 12640<sup>nd</sup> 12641

T-12640  
T-12641

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
PH-6302 Part I	
(Incomplete)	
Type of Survey	Shoreline
Field No.	T-12640 and T-12641
LOCALITY	
State	Alaska
General locality	Cook Inlet
Locality	Ninilchik
1964	
CHIEF OF PARTY	
J. E. Waugh, Chief of Party	
Div. of Photogrammetry, Wash., D.C.	
LIBRARY & ARCHIVES	
DATE	

FORM C&GS-181a  
(12-61)U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT - DATA RECORD

T-12640 and T-12641 and T-12654

PROJECT NO. (II): PH-6302 (21063)		
FIELD OFFICE (II):		CHIEF OF PARTY
PHOTOGRAMMETRIC OFFICE (III): Washington, D.C.		OFFICER-IN-CHARGE J. E. Waugh
INSTRUCTIONS DATED (II) (III):  April 14, 1965 * OFFICE - Shoreline Mapping Project 21063, Cook Inlet, (Southern Part) Alaska, Supplement I, dated April 2, 1964. Reference: Instructions - OFFICE - Project 21063, Kenai to Kasilof, Cook Inlet, Alaska.		
METHOD OF COMPILATION (III): Stereoplotter, Wild B-8		
MANUSCRIPT SCALE (III): 1 : 5,000	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): 1 : 15,000	
DATE RECEIVED IN WASHINGTON OFFICE (IV): 1977	DATE REPORTED TO NAUTICAL CHART BRANCH (IV): 1970	
APPLIED TO CHART NO. N. A. 1927	DATE:	DATE REGISTERED (IV): 23 MAR 78
GEOGRAPHIC DATUM (III):		VERTICAL DATUM (III): MEAN SEA LEVEL 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 or mean lower low water
REFERENCE STATION (III):		
LAT.:	LONG.:	<input type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED
PLANE COORDINATES (IV):  Y = X =		STATE ZONE
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.		

## DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (II): <i>See page 15 Memo "Field Edit Report"</i>		DATE:
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):  Date of photography - office interpretation		
PROJECTION AND GRIDS RULED BY (IV): A. E. Roundtree		DATE 6-10-65
PROJECTION AND GRIDS CHECKED BY (IV): R. Glaser		DATE 6-10-65
CONTROL PLOTTED BY (III): J. C. Richter		DATE 6-14-65
CONTROL CHECKED BY (III): F. Wright		DATE 6-14-65
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):		DATE
STEREOSCOPIC INSTRUMENT COMPILATION (III): J. C. Richter	PLANIMETRY	DATE 6-21-65
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): J. B. Phillips		DATE 6-22-65
SCRIBING BY (III): K. N. Maki		DATE 6-23-65
PHOTOGRAMMETRIC OFFICE REVIEW BY (III):		DATE
REMARKS:		



DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

C & GS "W" camera 6" focal length

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
64 W 7821 thru 64 W 7823	23 May 1964	08:19	1:15,000	3.4' above MLLW (from Tides and Currents Branch)
64 W 7824 thru 64 W 7826	"	"	"	"

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Seldovia		16.5	
BORDINATE STATION: Ninichik			
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV):

*Source materials are lost -  
No Final Review, see report page 16*

DATE: J.B. Phillips  
October 1977

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

1

RECOVERED:

1

IDENTIFIED:

\* 1

NUMBER OF BM(S) SEARCHED FOR (II):

RECOVERED:

IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

REMARKS:

\* Error in position as per Geodesy. Not shown on manuscript  
as triangulation; shown as a recoverable object by a ~~2 1/2~~ mm  
circle symbol.

2 1/2

6302

# PROJECT 21063 Ph-6302

North West

Cobles Cove

## PART ONE

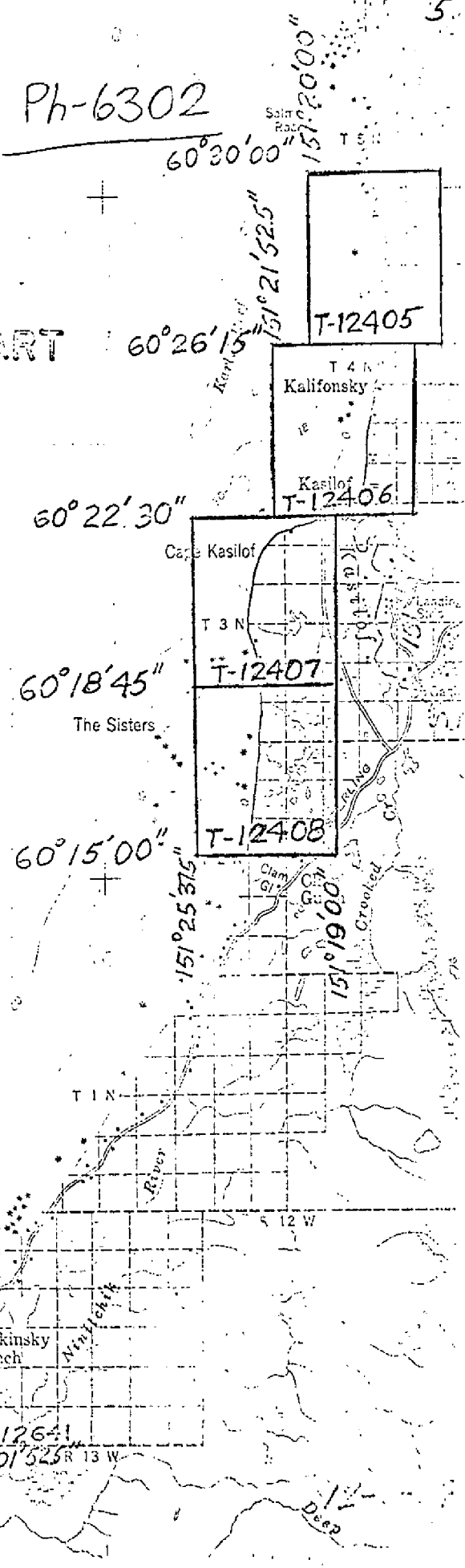
### Shoreline Mapping

#### COOK INLET, SOUTHERN PART ALASKA



OFFICIAL MEASUREMENT FOR COST ACCOUNT

Sheet No.	Area Sq. Mi.	Lin. Ft. Shoreline
T-12405	2	4
T-12406	2	5
T-12407	2	4
T-12408	2	4
T-12654	1	2
T-12640	1	2
T-12641	1	2
Total:	11	23





Summary to Accompany Descriptive Report  
T-12640, T-12641 and T-12654

Shoreline maps T-12640, T-12641 and T-12654 are three ~~of twenty-~~  
~~one similar type maps of varying scales~~ in Job PH-6302, Cook  
Inlet, Alaska. The three maps cover Ninilchik and vicinity.  
Their north-south limits extend in latitude from  $60^{\circ} 01' 52.5''$   
north to  $60^{\circ} 05' 37.5''$  and their east-west limits extend in  
longitude  $151^{\circ} 37' 30''$  west to  $151^{\circ} 42' 30''$ . The field opera-  
tions preceding compilation consisted of the recovery and estab-  
lishment of additional horizontal control. No field vertical  
control or shoreline inspection was provided. The three manu-  
scripts were compiled at a scale of 1:5,000 and show shoreline  
and alongshore features, and inshore details to the first road.  
Passpoints were furnished at near high water level but no photo-  
hydro stations, as such, were located. The Descriptive Report  
for the three maps of the two separate number sequences will be  
registered as one combined Descriptive Report. One copy of the  
combined report will be filed under T-12640 through T-12641  
and a duplicate copy will be filed under T-12654. The maps are  
not field edited and will be registered without any additional  
field checks.

## PHOTOGRAMMETRIC PLOT REPORT

NILICHIK, ALASKA

21063

21. Area Covered

The area covered is in the immediate vicinity of Nilichik, Alaska which is on the southeastern shore of Cook Inlet.

22. Method

One strip, consisting of six models, was bridged on the C-5 stereoplanigraph and was adjusted by IBM 1620 method.

23. Adequacy of Control

Horizontal control was adequate and complied with project instructions. All control held within National Map Accuracy Standards with the exception of Deep, 1964 SS B. This point was of very poor image quality and was eliminated from the bridge. The 1964 G. P. s provided, were unadjusted field control and upon advice of Geodesy Division, they were revised as follows:

## Nilichik area

- 0.35 seconds in latitude
- 0.35 seconds in longitude

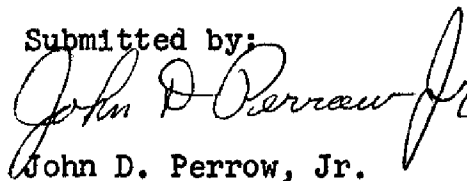
24. Supplemental Data

Geological Survey quadrangle Kenai (A-5) was used for rough leveling of the bridged area. Ratios at 1:5,000 scale were ordered for compilation.

25. Photography

Photography was adequate as to coverage, overlap, definition, and quality.

Submitted by:


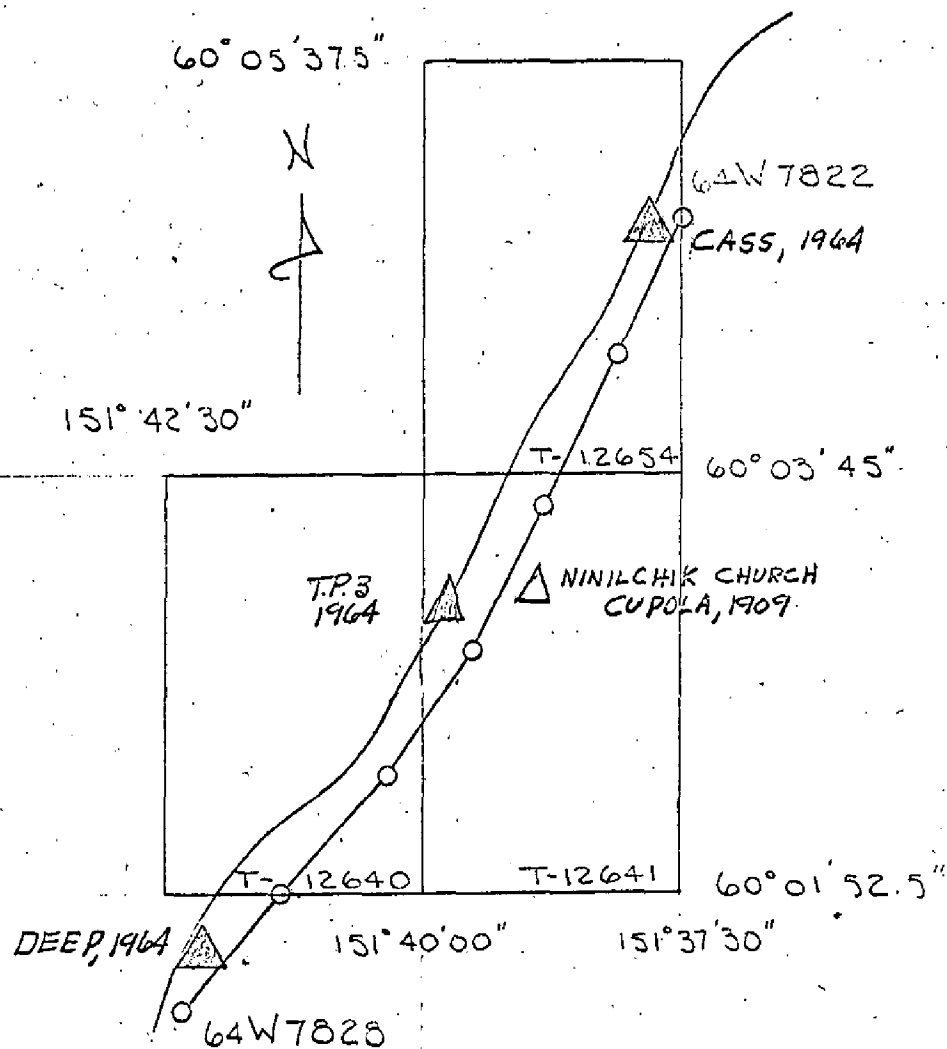


John D. Perrow, Jr.

## NINILCHIK ALASKA

PROJECT 21063

APRIL 1965

 CONTROL USED IN ADJUSTMENT



Photogrammetric Plot Report  
Ninilchik, Alaska  
21063  
Supplemental Report

The bridge was readjusted using the positions obtained by the 1964 traverse. Checks by Geodesy Division revealed the published position of Ninilchik Church Cupola, 1909 is in error. No new position has been determined. The bridge results, in their present form represent a three point solution with no checks. In order to determine if the datum is correct a new, longer bridge containing extra control checks should be run.

John D. Perrow, Jr.

(Incomplete)  
Compilation Report  
T-12640, T-12641 and T-12654  
June 1965

31. Delineation

The manuscripts were delineated on the B-8 stereoplotter using 1:15,000 scale photographs with enlargement to 1:5,000 manuscripts. Shoreline passpoints were dropped for photo-hydro support and photographs were prepared for the hydrographer.

32. Control

See Photogrammetric Plot Report.

Models were leveled on the shoreline and on elevations taken from the Kenai quadrangle.

33. Supplemental Data

Geological Survey quadrangle Kenai (A-5) was used for leveling.

34. Contours and Drainage

Inapplicable

35. Shoreline and Alongshore Details

There was no field inspection. The shoreline and low-water line delineation was based on office interpretation of the photographs and predicted tides.

36. Offshore Details

See paragraph number 49.

37. Landmarks and Aids

The entrance light to Ninilchik Harbor shown on Chart No. 8554 was not visible on the photography and was not located.

38. Control for Future Surveys

None

39. Junctions

T-12640 to east with T-12641; T-12641 to the north with T-12654.

40. Horizontal and Vertical Accuracy

No comment

41. through 45.

Inapplicable

46. Comparison with Existing Maps

Comparison was made with the Geological Survey quadrangle Kenai (A-5) Alaska, scale 1:63,350, 1951.

47. Comparison with Nautical Charts

Chart No. 8554, scale 1:200,000 with a 1:5,000 Inset of Ninilchik Harbor, 9th edition May, 1965; corrected to May 29, 1965.

Sills that are shown on the Chart Inset could not be seen on the photographs and are not shown.

Items to be applied to Nautical Charts immediately: None

Items to be carried forward: None

Submitted by:

*John C. Richter*  
John C. Richter

Approved by:

*K. N. Maki*

K. N. Maki  
Chief, Compilation Section

48. Geographic Name List

T-12640:

Cape Ninilchik  
Cook Inlet  
Deep Creek  
Landing Strip  
Ninilchik  
Sterling Highway

T-12641:

Cook Inlet  
Ninilchik  
Ninilchik River  
Sterling Highway

Additional names were added to the geographic  
Names Standard because the sheet layout was changed.



## GEOGRAPHIC NAMES

Ph 21063 (Cook Inlet, Southern Part,  
Alaska)

T-12654

Cook Inlet  
Sterling Highway

*A. J. Wraight*  
A. J. Wraight  
Geographic Branch

49. Notes for the Hydrographer

Some offshore rocks were delineated but it could not be determined if they were rocks or large pieces of ice

Entrance light to Ninilchik Harbor shown on Chart No. 8554 was not located on the manuscript.

NAV-63-6962 6314 6320 631P  
UNITED STATES GOVERNMENT

15  
U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

# Memorandum

TO : The Director  
Thru: Seattle Regional Officer

DATE: 10 October 1965

In reply refer to:

FROM : Commanding Officer, USC&GSS PATHFINDER

SUBJECT: Field Edit Report, Project OPR-429: Kamishak Bay, Ninilchik.

No major field edit corrections for processing smooth sheets are required for the following incomplete manuscripts:

Ninilchik:

T-12640

T-12641

T-12654

Kamishak Bay:

T-12930

T-12342

T-12343

Minor corrections are contained in the hydrographic records and will be discussed in the descriptive report for the particular smooth sheet involved.

*L. F. Woodcock*

L. F. Woodcock  
Captain, USESSA

CC 6320

send this copy

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TO NORFOLK  
11/3/65

## Final Review Report

PH-6302 Part I (formerly 21063)

October 1977

There are seven maps in this project. T-12405 thru T-12408 at 1;10,000 scale, and T-12640, T-12641, and T-12654 at 1;5,000 scale. .

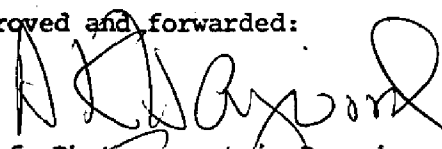
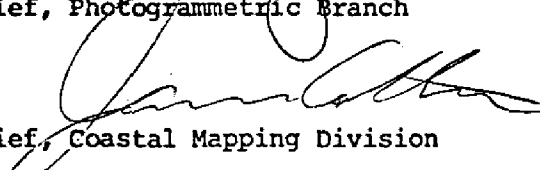
With the exception of four control station identification cards, all the photography and source materials for this project are lost. These records were probably misplaced during office relocation. All the maps are Advanced Manuscripts and are registered without a Final Review.

A new project, CM-7412 supersedes this entire project. Maps TP-00793 thru TP-00795 covers the area of T-12405 thru T-12408. TP-00796 and TP-00797 covers the same area as T-12640, T-21641 and T-12654.

Submitted by,

J. B. Phillips  
Cartographer

Approved and forwarded:

  
Chief, Photogrammetric Branch  
Chief, Coastal Mapping Division