

TP-00215

TP-00215

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-6607..... Map No. TP-00215..

Classification No. Final Edition No.1.....

Field Edited Map

LOCALITY

StateOregon.....

General Locality ...Umpqua River.....

Locality ..Between Reedsport and

.....Scottsburg.....

1971 TO 1972

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 Rockville, Maryland		SURVEY TP. <u>00215</u> MAP EDITION NO. (1) MAP CLASS Final JOB PH. <u>6607</u>	
OFFICER-IN-CHARGE Jack E. Guth		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-Aug. 11, 1971 Compilation-Sept. 10, 1971		Field Support-May 7, 1971 Field Edit & Small Craft facilities Investigation-Aug. 1, 1972	
II. DATUMS			
1. HORIZONTAL:		OTHER (Specify)	
<input checked="" type="checkbox"/> 1927 NORTH-AMERICAN		OTHER (Specify)	
2. VERTICAL:		OTHER (Specify)	
<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 Polyconic		4. GRID(S) STATE ZONE Oregon South	
5. SCALE 1:20,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic		J. Schad	4/72
LANDMARKS AND AIDS BY		None	
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat		D. Phillips	4/72
PLOTTED BY CHECKED BY			
3. STEREOSCOPIC INSTRUMENT COMPILATION		P. Dempsey	5/72
INSTRUMENT: B-8 SCALE: 1:20,000		J.P. Battley, Jr.	5/72
PLANIMETRY BY CHECKED BY		N.A.	
CONTOURS BY CHECKED BY			
4. MANUSCRIPT DELINEATION METHOD: from worksheets SCALE: 1:20,000		P. Dempsey	5/72
PLANIMETRY BY CHECKED BY		J.P. Battley, Jr.	5/72
CONTOURS BY CHECKED BY		N.A.	
HYDRO SUPPORT DATA BY CHECKED BY		N.A.	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		J.P. Battley, Jr.	6/72
6. APPLICATION OF FIELD EDIT DATA		H. Lucas	72
CHECKED BY		None	
7. COMPILATION SECTION REVIEW		None	
8. FINAL REVIEW		F.A. Wright	8/75
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH		N.A.	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH		F.A. Wright	8/75
11. MAP REGISTERED - COASTAL SURVEY SECTION		R. T. CATDE	12/76

TP-00415

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) E 6" focal length		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) <u>COLOR</u> (P) PANCHROMATIC (I) INFRARED		ZONE Western	<input type="checkbox"/> STANDARD
				MERIDIAN 120th	<input checked="" type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
71L 6951-6954	7/25/71	2:01	1:40,000	N.A.	

REMARKS

1:20,000 ratio prints furnished for field edit.

2. SOURCE OF MEAN HIGH-WATER LINE:

Office interpretation from photographs dated July 25, 1971.

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

None

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 TP-00214	EAST TP-00216	SOUTH No contempor- ary Survey	WEST TP-00213
REMARKS			

TP-00215

HISTORY OF FIELD OPERATIONS

1. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Unknown *	1971
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	Unknown	1971
3. VERTICAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY		
4. LANDMARKS AND AIDS TO NAVIGATION RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY		
5. GEOGRAPHIC NAMES INVESTIGATION TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE BY <input type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION		
6. PHOTO INSPECTION CLARIFICATION OF DETAILS BY		
7. BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY		

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
* Any data submitted by field party was lost.			

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

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

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HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R.B. Melby	10/72
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	None None None
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None None R.B. Melby 10/72
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input checked="" type="checkbox"/> SPECIFIC NAMES ONLY BY <input type="checkbox"/> NO INVESTIGATION	R.B. Melby 10/72
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	R.B. Melby 10/72
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)

All field edit photos to federal records center

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

See Form 76-40 in this report.

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

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RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Shoreline and along-shore features	5/72	No record of copy being furnished		
Field edit applied - Not checked	1972	" "		
Final Review	1975		Oct 1 1975	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Oct 1 1975	None furnished prior to final review.

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:

*None available

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 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	

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Summary to Accompany
Descriptive Report TP-00215

TP-00208 through TP-00213 at 1:10,000 scale and TP-00214 through TP-00216 at 1:20,000 scale comprise Project PH-6607, Umpqua and Smith Rivers, Oregon. The purpose of this project is to provide hydro support, new topography, and shoreline for use in constructing Nautical Chart 669-SC. Refer to the project diagram for the location of each sheet in the project.

The only field work preceding compilation was the premarking of control necessary for bridging. See Photogrammetric Plot Report for details.

Compilation and field edit was broken into two phases in this project with sheets 00208 through 00213 being compiled on the Wild B-8 plotter in September and October 1971.

Stable base copies and ratio color prints were furnished for hydro support and field edit. Field edit was accomplished in November 1971 on these sheets.

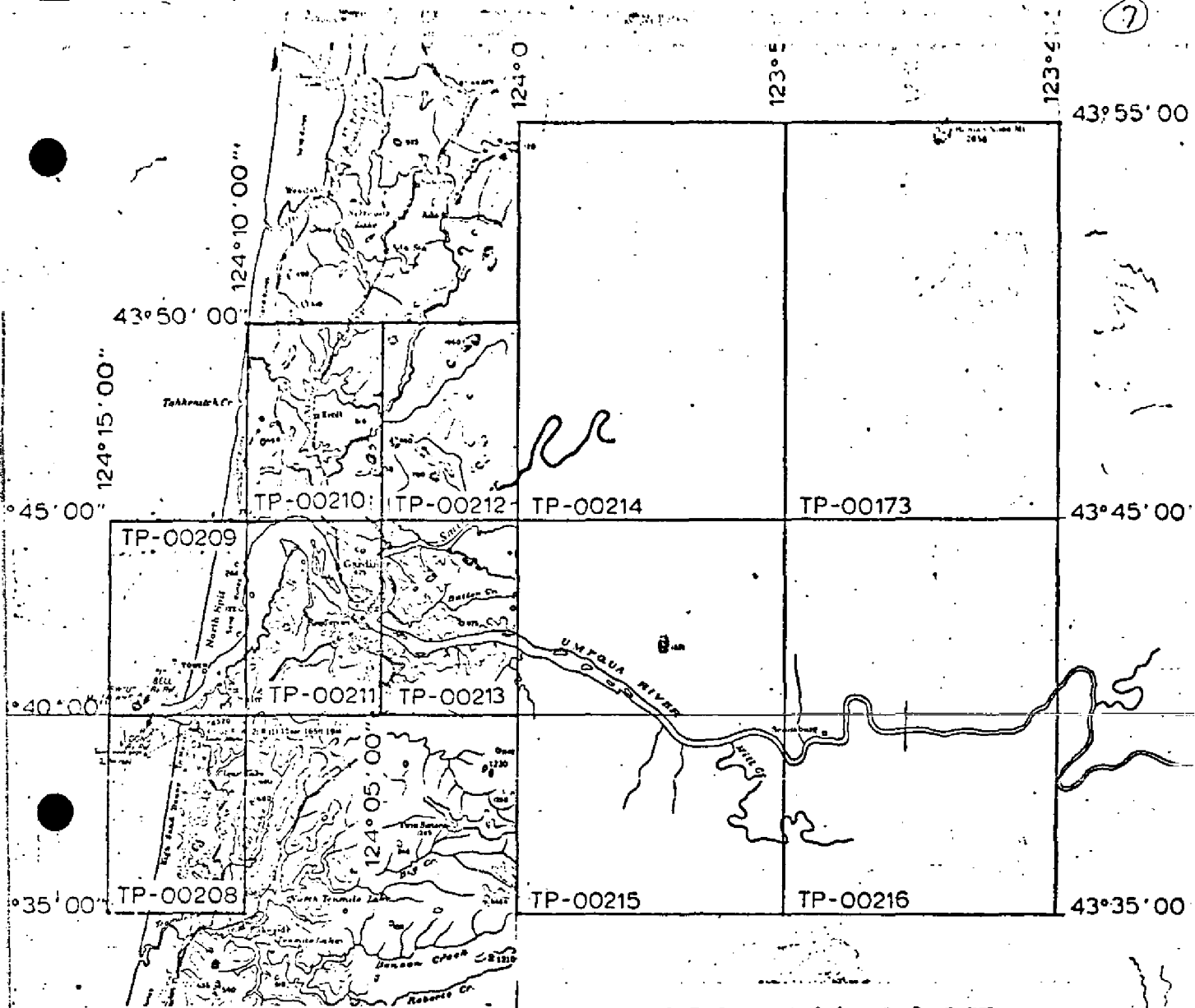
Compilation of TP-00214 through TP-00216 was accomplished on the Wild B-8 plotter in May 1972. Copies of map manuscripts and ratio color prints were furnished for field edit.

Field edit of these sheets was accomplished in September - October 1972.

Final review was accomplished in the Washington Office in 197⁵.

Copies of the final reviewed map were forwarded for record and registry.

7



OFFICIAL MILEAGE

For Cost Accounts

JOB PH-6607

UMPQUA & SMITH RIVERS,

OREGON

Chart Topography
&
Shoreline Mapping
SCALE 1:10,000 & 1:20,000

Sheet No. Sq. Miles

TP-00173	5	Not Compiled
TP-00208	4	
TP-00209	5	
TP-00210	1	
TP-00211	8	
TP-00212	1	
TP-00213	8	
TP-00214	8	
TP-00215	5	
TP-00216	6	

Total 51

⑧
TP-00215

PHOTOGRAMMETRIC PLOT REPORT
Umpqua and Smith Rivers, Oregon
Job PH-6607
May 1972

21. Area Covered

This report covers the area east from the mouth of the Umpqua and Smith Rivers to longitude $123^{\circ} 40'$. Control was extended for the compilation of six (6) 1:10,000 scale maps (TP-00208 thru TP-00213) for hydro support and four (4) 1:20,000 scale maps (TP-00214 thru TP-00216 and TP-00173) for chart compilation.

22. Method

Strips 1 and 2 (1:40,000 scale photography) and Strip 3 (1:30,000 scale photography) were bridged using analytic aerotriangulation methods. Sketch 1 shows the placement of control and the flight lines of the photography. Ties were made between all strips. Compilation points were located in strips 2 and 3 for the 1:20,000 scale compilation. Common points were located between the bridging photography and the 1:20,000 scale hydro support photography to determine the ratio for the 1:10,000 scale compilation. Sketch 2 shows the flight lines of the hydro support photography.

Natural objects (tanks, stacks, etc.) visible during bridging were located as aids for the hydro support party. All data for ruling projections and plotting of points for the compilation office were furnished to the Coradomat on the Oregon State (south zone) Plane Coordinate System.

23. Adequacy of Control

Horizontal control was premarked and was adequate for bridging.

24. Photography

The following RC-8 color photography was used in bridging:

1:40,000 scale

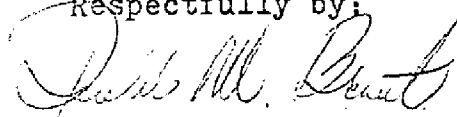
Strip 1 - 71-E(C)-6947 thru 6942
Strip 2 - 71-E(C)-6969 thru 6980

1:30,000 scale

Strip 3 - 71-E(C)-7757 thru 7774

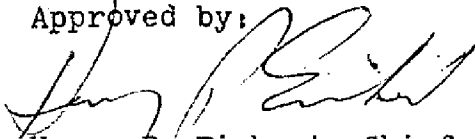
The definition and quality of the photography was good except for some areas obscured by clouds. The clouds did not affect the accuracy of the bridge.

Respectfully by:



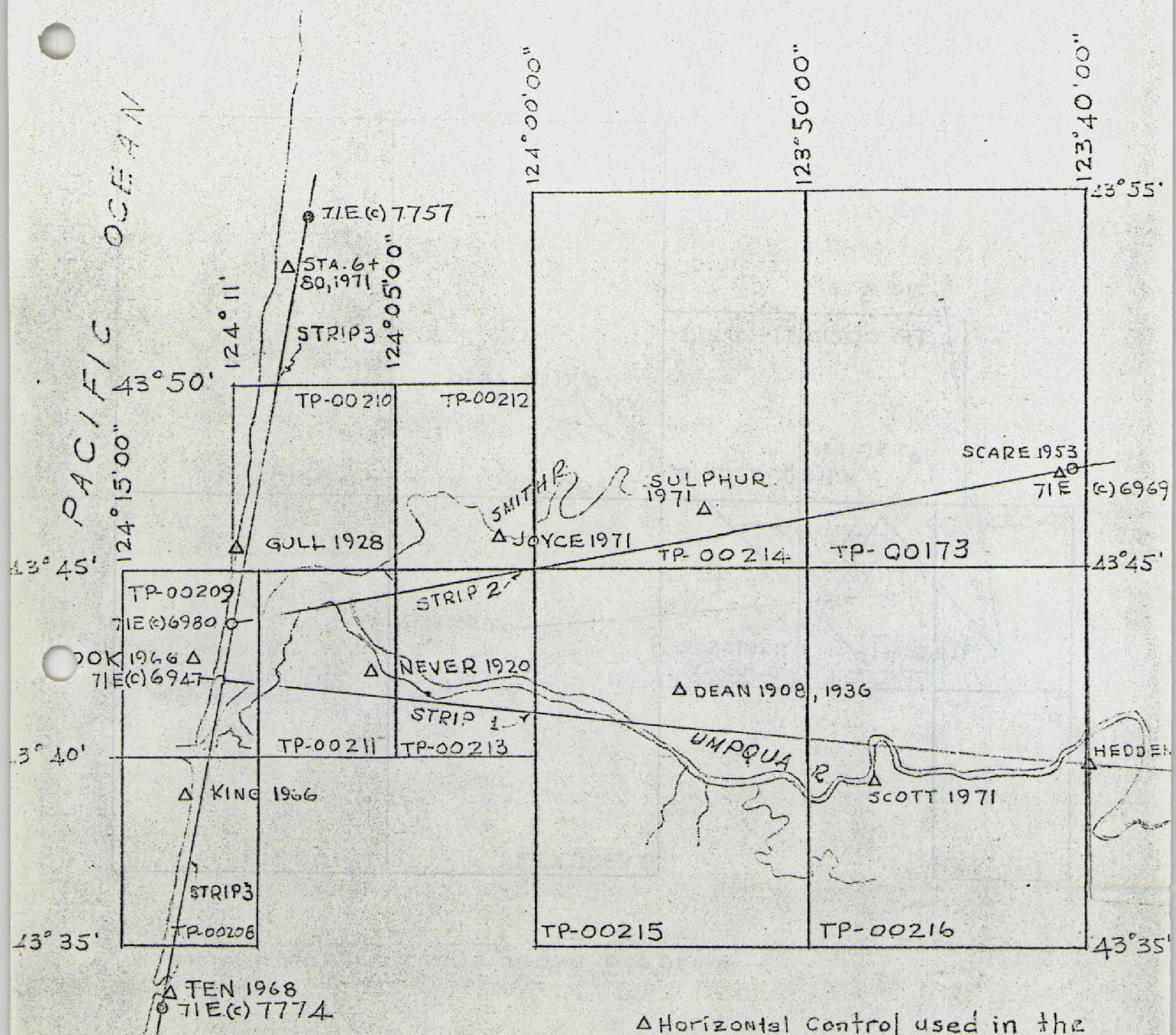
Donald M. Brant
Cartographer

Approved by:



Henry P. Eichert, Chief
Aerotriangulation Section

Sketch 1



Δ Horizontal Control used in the
adjustment
01:40,000 Photography
01:30,000 Photography

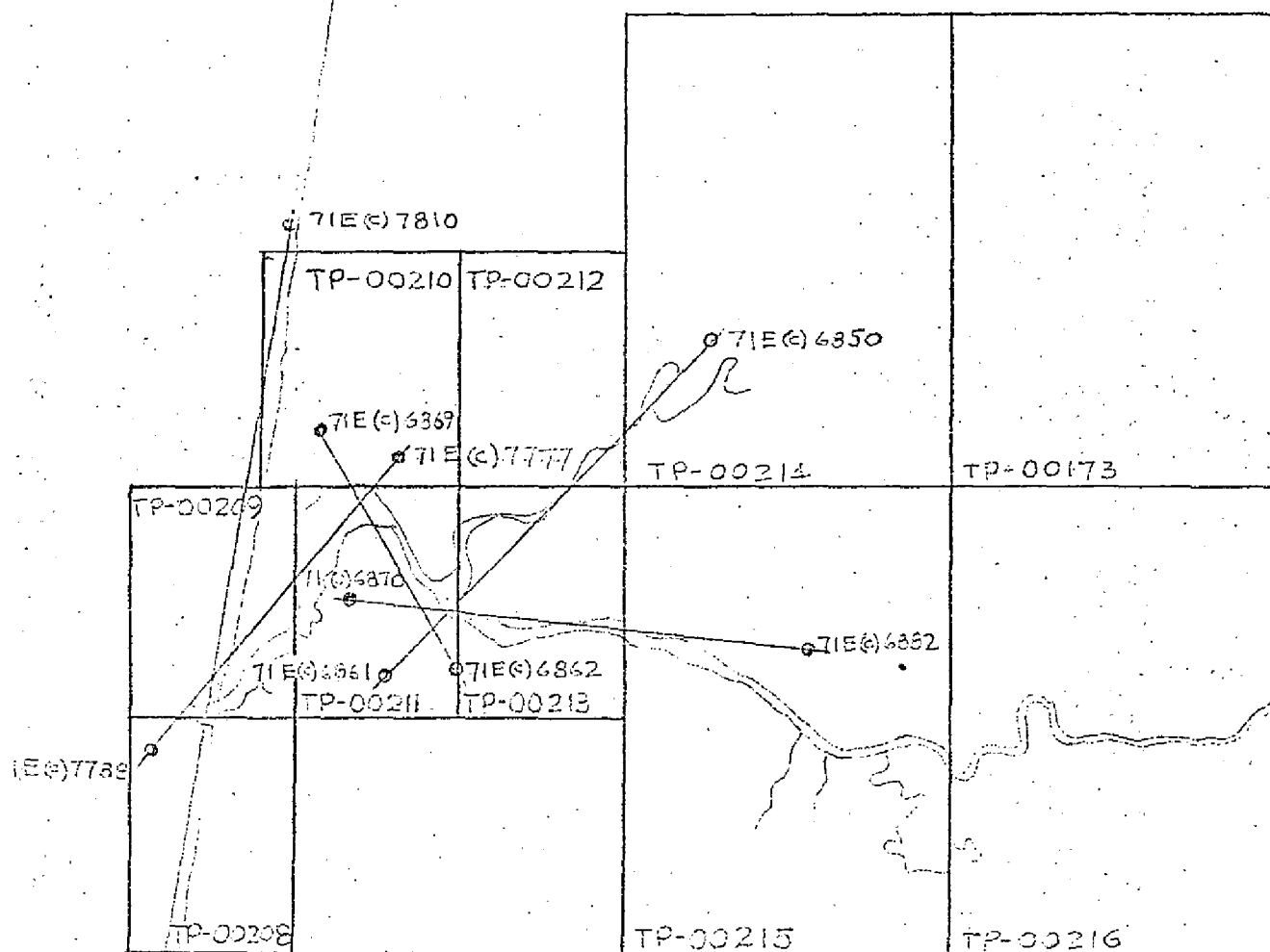
JOB PH-6607
UMPQUA & SMITH RIVERS

OREGON
CHART TOPOGRAPHY
AND
SHORELINE MAPPING
SCALE 1:10,000 & 1:20,000

00002

(11)

Sketch 2



• 1:20,000 HYDRO SUPPORT PHOTOGRAPHY

Compilation Report
TP-00215

31. Delineation

The 1:40,000 scale color photography was set on the B-8 to compile at 1:20,000 scale.

Shoreline and alongshore detail inshore to the limits of the photography were delineated for construction of new small-craft chart No. 669 SC which will cover the UMPQUA RIVER. The 1:40,000 scale photographs were ratioed to 1:20,000 scale for use in field inspection.

32. Control

Horizontal control was adequate for density and placement.

Vertical control was from USGS quadrangles and water level.

33. Supplemental Data - None

34. Contours and Drainage

Contours are inapplicable. Important drainage compiled.

35. Shoreline and Alongshore Detail

Shoreline was compiled from office interpretation.

36. Offshore Detail - None

37. Landmarks and Aids - None located

38. Control for Future Surveys - None

39. Junctions

Refer to form 76-36b of this report.

40. Horizontal and Vertical Accuracy

See Photogrammetric Plot Report.

41. thru 45. Inapplicable

46. Comparison with Existing Maps

Comparison was made with USGS quadrangle Scottsburg, Oregon,
scale 1:62,500, contour interval 80 feet, dated 1955.

47. Comparison with Nautical Charts - Not applicable

Respectfully submitted,

Patrick J. Dempsey

Patrick J. Dempsey
Carto(Photo)

Approved and forwarded:

Jeter P. Battley Jr.

J.P. Battley, Jr.
Chief, Coastal Mapping Section

13 August 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6607 (Oregon)

TP-00215

Bear Creek

Brandy Bar

Cassady Creek

Cedar Creek

Charlotte Creek

Dean Creek

Dear Head Point

Echo Island

Fischer Creek

Franklin Creek

Harvey Creek

Indian Charlie Creek

Johnson Creek

Luder Creek

Mill Creek

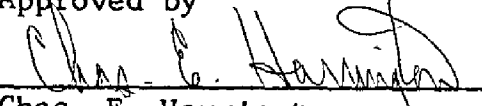
Murphy Creek

Otter Creek

Umpqua River

Wassen Creek

Approved by


Chas. E. Harrington
Staff Geographer-C51x2

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TP-00215

FIELD EDIT REPORT

CHART TOPOGRAPHY AND SMALL CRAFT FACILITIES INVESTIGATION

Umpqua and Smith Rivers, Oregon

September - October 1972

Map Manuscripts TP-00213 thru TP-00216

Project FH-6607

FIELD EDIT REPORT

Chart Topography and Small Craft Facilities Investigation

Umpqua and Smith Rivers, Oregon

September - October 1972

Map Manuscripts TP-00213 thru TP-00216

Project PH-6607

This report covers an area of the Umpqua and Smith Rivers from the vicinity of the town of Reedsport eastward to the limits of small boat travel.

The entire shoreline was inspected from a small boat. The field edit copies (discrepancy sheets) of the map manuscripts were used as the index for the field corrections and the photographs containing the bulk of the corrections. However, minor corrections and deletions may only appear on the photographs and the cross referenced to the map manuscripts will be by photo number only.

Both rivers pass through narrow, steep sloped, wooded canyons, with narrow low lands and marshes along shore. Small farms and cattle grazing areas are in evidence where the land is suitable to support such activities.

Logging operations are in evidence along both rivers. Sand-gravel dredges and their transporting barges can be found in certain areas of the Umpqua River, recovering bottom aggregates.

Numerous piling and dolphins can be found along the shoreline of both rivers. Apparently the piling was and is used to secure log rafts.

The majority of the piling is old and untreated and it is in various stages of decay, but they still constitute a hazard to navigation.

Piers and wharves are few. Most of the along shore mooring features are floating piers secured to the shore and are able to compensate for the rise and fall of the rivers due to tidal and spring freshet influence.

All fixed aids to navigation were investigated and located photogrammetrically. One aid, Echo Island Lower Light A, was not on station during the initial field edit in September 1972. The site was revisited in October 1972 and the light, which had been rebuilt was then located. They have been listed on form 76-40.

No landmarks, worthy of listing on form 76-40, were found, although, several features were indicated on the photography as being of landmark value.

Numerous power cable crossings over both rivers were found, except in a few cases the crossings were minor, overhead wires leading to dwellings.

Small craft facilities were investigated and each one has been entered on form 77-3, also cross-referenced to the photos and field edit sheets.

The shoreline along the Umpqua River is usually rocky, sand-mud or boulders with adjacent or overhanging trees. In the vicinity of Scottsburg, numerous bottom and shoreline rocks are evident, also rapids. This was the extent of the upstream skiff travel during the month of September 1972. The shoreline along the Smith River is mostly of an "earth" composition (sand-mud), near the upstream limits of skiff travel, scattered boulders and a rocky bottom were observed.

The Smith River also contains several islands near its confluence with the Umpqua River. These islands are usually of a marshy composition and subject to inundation during the higher tides or spring freshets.

A formal geographic names report is not being submitted. New names or deletions appear on the field edit sheets.

Pertinent information pertaining to each individual discrepancy sheet will be entered under that specific sheet.

Sheet TP-00213

The 1971 field edit indicated lines of piling over bare islands. These islands are "marshy" with tall grass and are subject to periodic inundation.

Hinsdale Light 18 was compiled as Light 15. Hinsdale Light 15 was not compiled. See photo 71E 6951 for location of both of the above mentioned lights.

Sheet TP-00214

A silo of landmark value is noted on this sheet. It is not listed on form 76-40. The extent of the upstream travel by skiff has been indicated on this sheet.

Sheet TP-00216

The rapids as compiled on this sheet are correct. Numerous rocks, boulders, and similiar bottom characteristics are in evidence. Upstream of the fixed span, highway bridge a small groin was compiled. Apparently this feature was disturbed during a spring freshet and only a gravel flat remains at this date. The upstream extent of small boat travel has been indicated. At a higher river stage, further upstream travel may be possible but hazardous due to rocks, etc.

Respectfully Submitted,

Robert B. Melby
Chief, Photo Party, PMC

Review Report
TP-00215
August 1975

61. General Statement

See summary, page 6, of this report.

62. Comparison with Registered Topographic Surveys

None available.

63. Comparison with Maps of Other Agencies

No comparison made; only 1:62,500 quad available.

64. Comparison with Contemporary Hydrographic Surveys

None available.

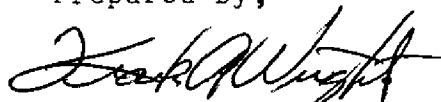
65. Comparison with Nautical Charts

Only chart covering area is 5802. No comparison made as scale is 1:191,730.

66. Adequacy of Results and Future Surveys

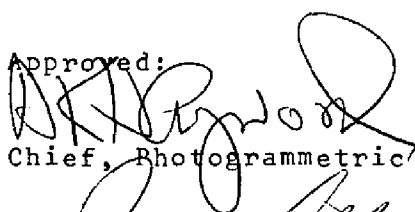
This map complies with the project instructions and meets the National Standards of Map Accuracy.

Prepared by,




Frank A. Wright
Cartographer

Approved:



Chief, Photogrammetric Branch



Chief, Coastal Mapping Division

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	R.B. Melby
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	J. Keating
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-2-6-1 8-12-75	II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	