8684
8685

Diag'd. on diag. ch. No. 6146

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric Air Photographic

Field No. ..... *Office No.* T-8684 — T-8685 — Horiz. Accy Test

LOCALITY

State Oregon & Washington

General locality Columbia River

Locality Camas, Washington

Government Island, Lady Island

1946

CHIEF OF PARTY

R. A. Earle

LIBRARY & ARCHIVES

DATE December 16, 1947

B-1870-1 (1)

8684
8685

RECORD SHEET

Div. of Photogrammetry
Graphic Compilation Sect.

GENERAL LOCALITY Columbia River, Ore.-Wash. SHEET NO. T-8684

LOCALITY Government Island, Ore. Sept. 26, 1945 PROJECT NO. C.S.-322

PHOTOS ORDERED Aug. 1945 Nov. 1945 REC'D Oct. 1, 1945 Jan. 21, 1946 SCALE 1-8000

PROJECTION ORDERED Aug.1945 REC'D Sept.24, 1945

Joins None Ck

Joins T-8683 Ck

Joins T-8685 Ck

Joins T-8691 Ck

CONTROL:
COMPUTED Harris VERIFIED Myers

PLOTTED Letson VERIFIED Bunce

PHOTO PREPARATION:
CONTROL J. L. Harris

AZIMUTHS Letson & Salazar

PASS POINTS J. L. Harris

TEMPLETS Myers VERIFIED Harris

RADIAL PLOT:
PLOTTED BY J. L. Harris DATE 11-2-45

VERIFIED J. E. Deal DATE 11-6-45

COMPILATION:
DETAIL POINTS Turner DATE 11-9-45

DETAIL BY Turner DATE 3-19-46

VERIFIED BY J. E. Deal R. Barron DATE 3-21-46

DATE OF PHOTOS See Reverse Side

TIME OF PHOTOS See Reverse Side

STAGE OF TIDE See Reverse Side

COMPARISON WITH PREVIOUS SURVEYS; TOPO., HYDRO., AND CHARTS:

Due to the scale difference only a visual comparison could be made with the USGS CAMAS Quadrangle. Common planimetric detail is in fair agreement however the Washington-Oregon State Line boundary, as shown on the quadrangle, is in error. The boundary line as shown on the map manuscript was verified by various engineers from Multnomah County.

By using the vertical projector, comparison could be made with nautical chart number 6156. It was noted that the high-water line on the chart seems higher then that on the map manuscript.

(Continued on Reverse Side)

REMARKS All corrections and additions which were found during field edit were applied to the map manuscripts. A final compilation office review was then made.

FORWARDED TO Washington, D. C. DATE July 23, 1946

R. A. Earle
Chief of Party

COMPARISONS (continued)

Changes due to erosion or building up were noted at the following places:

The north shore of an unnamed island at Lat. 45°34'30" and Long. 122°27'30" has built up from 20 to 100 meters. The east end of this same island has receded approximately 100 meters.

The north shore of Government Island has built up for distances ranging from 10 to 100 meters.

The northeast shore of Government Island has receded as much as 50 meters and riprap has now been placed along this shore to prevent further erosion. The south shore of this island has receded slightly.

At some places where the chart and map manuscript are in disagreement, it is evident that the bank line as shown on the map manuscript is the high-water line of the chart.

PHOTOGRAPH DATA

Photo. No.	Date	Time	Stage of Tide
45-D-373 to 375 Inc.	6-30-45	10:25	11.9 ft. above M.L.W.*
45-D-383 to 387 Inc.	6-30-45	10:45	11.9 ft. above M.L.W.
45-D-727 to 731 Inc.	7- 1-45	11:10	11.7 ft. above M.L.W.
45-D-1244 to 1247 Inc.	7- 2-45	12:25	11.0 ft. above M.L.W.
45-D-3608 to 3610 Inc.	11-21-45	14:00	4.9 ft. above M.L.W.
45-D-3627 to 3629 Inc.	11-21-45	14:00	4.9 ft. above M.L.W.

* Mean Low Water, as determined by the U.S. Engineers at Government Moorings, Willamette River, St John Bridge, Portland Oregon, is 1.29 feet above Mean Sea Level.

Form T-1

DATA RECORD

T-8684

Quadrangle (II): Government Island, Oregon Project No. (II): C.S. 322

Field Office: Portland, Oregon Chief of Party: R.A. Earle

Compilation Office: Portland, Ore. Chief of Party: R.A. Earle

Instructions dated (II III): July 12, 1945 Supplemental Instructions Aug.29, Sept.10, Oct.25, Nov.30 and Dec.6, 1945 Copy filed in ~~Descriptive Report No. T-~~ .(VI) Division of Photogrammetry Office files

Completed survey received in office: 27 Mar. 1946

Reported to Nautical Chart Section: ~

Reviewed: August 28, 1946 Applied to chart No. Date:

Redrafting Completed: 4 Nov. 1946

Registered: ~~31 July, 1947~~ 11/47 Published: 1947

Compilation Scale: 1:8000 Published Scale: 1:9600

Scale Factor (III): None

Geographic Datum (III): N.A. 1927 Datum Plane (III): * See below

Reference Station (III): DOCK (U.S.E.), 1935 r 1945

Lat.: 45°34' 58.954" (1820.1m) Long.: 122°28' 20.473 (443.8m) Adjusted X Unadjusted

State Plane Coordinates (VI): Oregon North Grid - Black Washington South Grid - Blue

X = Y =

Military Grid Zone (VI)

* (M.H.W. = 6.29 ft. above Mean Sea Level) (M.L.W. = 1.29 ft. above Mean Sea Level)
All elevations are on the Standard 1929 general adjustment of leveling in the U.S.A.

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
373 to 375 Inc.	6-30-45	10:25	(1-17000 contact) (1- 8000 ratio)	11.9 ft. above M.L.W.*
383 to 387 Inc.	6-30-45	10:45	" "	11.9 " " " " "
727 to 731 Inc.	7-1-45	11:10	" "	11.7 " " " " "
1244 to 1247 Inc.	7-2-45	12:25	" "	11.0 " " " " "
3608 to 3610 Inc.	11-21-45	14:00	" "	4.9 " " " " "
3627 to 3629 Inc.	11-21-45	14:00	" "	4.9 " " " " "

Tide from (III): Daily readings of the U.S. Engineer Tide Guage located at Government Moorings on the west shore of the Willamette River just south of St. Johns Bridge. The 0400 of the guage is M.L.W., Columbia River, which is 1.29 ft. above Mean Sea Level.

Mean Range: Spring Range:

Camera: (Kind or source) K 17, 12 inch focal length

Field Inspection by: See Remarks, page 3 date:

Field Edit by: F.H. Elrod, Prin. Photo Aid date: May-June, 1946

Date of Mean High-Water Line Location (III): Nov. 21, 1945
Note: According to supplemental instructions dated Sept. 10, 1945, a high-water line of 5.0 ft. above Mean Low Water is to be shown on the Map Manuscripts. Photographs taken on Nov. 21, 1945, when the water was at 4.9 ft. above M.L.W.

Projection and Grids ruled by (III) Washington Office date: Sept. 1945

" " " checked by: Washington Office date: Sept. 1945

Control plotted by: Helen L. Letson date: Oct. 1945

Control checked by: Eda H. Bunce date: Oct. 1945

Radial Plot by: James L. Harris & J.E. Deal date: Nov. 6, 1945

Detailed by: Albert C. Turner date: March 19,1946

Reviewed in compilation office by: Ree H. Barron date: March 21,1946
Corrections and changes after field edit by: A.C. Turner July 15, 1946
Review after changes due to field edit by: Ree H. Barron July 16, 1946
Elevations on Field Edit Sheet
checked by: C. Hanavich, Photo Engr. date: June, 1946

STATISTICS (III)

Land Area (Sq. Statute Miles): 6.7

Shoreline (More than 200 meters to opposite shore): 16.2 statute miles

Shoreline (Less than 200 meters to opposite shore): None

Number of Recoverable Topographic Stations established: 5 (3 fixed aids to navigation and 2 marked section corners.)

Number of Temporary Hydrographic Stations located by radial plot: None.

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

Field Inspection By: F.H.Elrod, Prin.Photo Aid — Date: Dec.1945

Shoreline Inspection By: J.C. Lajoye, Prin.Photo Aid — Date: Feb.1946

Recovery of Horizontal Control By: J.C. Lajoye, Prin.Photo Aid — Date:Sept.1945

Recovery of Vertical Control By: J.H. Winniford, Photo Aid (CofC) — Date:Sept,1945

Investigation of Geographic Names and Civil Boundaries By: L.E. Ervast, Photo Aid (CofC) — Date: Nov.1945

RECORD SHEET

Div. of Photogrammetry
Graphic Compilation Sect.

GENERAL LOCALITY Columbia River, Ore.-Wash. SHEET NO. T-8685

LOCALITY Camas, Washington PROJECT NO. CS-322

PHOTOS ORDERED Aug. 1945 REC'D Sept. 20,1945 SCALE 1:8000
Nov. 1945 Jan. 21,1946

PROJECTION ORDERED 8/45 REC'D 9/24/45

CONTROL:
COMPUTED Harris VERIFIED Myers

PLOTTED Letson VERIFIED Bunce

PHOTO PREPARATION:
CONTROL J. L. Harris

AZIMUTHS Letson & Salazar

PASS POINTS Harris

TEMPLETS Myers VERIFIED Harris

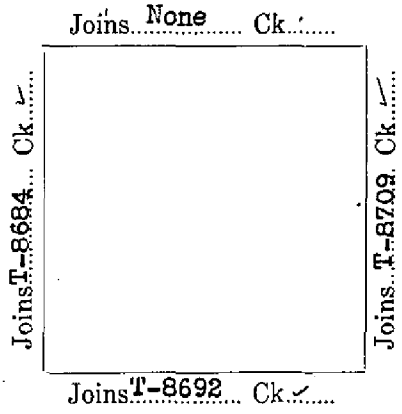
RADIAL PLOT:
PLOTTED BY Harris DATE 11-6-45

VERIFIED Deal DATE 11-6-45

COMPILATION:
DETAIL POINTS Letson DATE 11-7-45

DETAIL BY Letson, R. Barron DATE 3-20-46

VERIFIED BY J.E.Deal DATE 3-21-46



DATE OF PHOTOS See Reverse Side

TIME OF PHOTOS " " "

STAGE OF TIDE " " "

COMPARISON WITH PREVIOUS SURVEYS; TOPO., HYDRO., AND CHARTS:

Due to a scale difference only a visual comparison could be made with the USGS CAMAS Quadrangle. Common planimetric detail is in fair agreement however the high-water line is in disagreement in several places due to a datum difference.

By using the vertical projector, comparison could be made with nautical chart No.6156. It was noted that the high-water line on the chart seems higher then that on the map manuscript. (Continued on Reverse Side)

REMARKS All corrections and additions which were found during field edit were applied to the map manuscript. A final compilation office review was then made.

FORWARDED TO Washington, D. C. DATE July 23, 1946

R. A. Earle
Chief of Party

COMPARISONS (Continued)

Changes due to erosion or building up were noted at the following places:

On the north shore of Lady Island the bank has eroded for distances ranging up to 25 meters. On the south shore of this same island the shoreline has receded as much as 25 meters.

Between Long. 122°25'00" and Long 122°25' 40", along the north shore of Camas Slough, the shoreline has receded for distances ranging from 1 to 25 meters.

At some places where the chart and map manuscript are in disagreement it is evident that the bank line of the map manuscript is the high-water line of the chart.

PHOTOGRAPH DATA

Photo. No.	Date	Time	Stage of Tide
727 to 730 Inc.	7-1-45	1110	11.7 ft. above M.L.W. *
735 to 739 Inc.	7-1-45	1130	11.7 ft. above M.L.W.
750 to755 Inc.	7-1-45	1140	11.7 ft. above M.L.W.
3610 to 3612 Inc.	11-21-45	1400	4.9 ft. above M.L.W.
3628 & 3629	11-21-45	1400	4.9 ft. above M.L.W.

* Mean Low Water, as determined by the U. S. Engineers at Government Moorings, Willamette River, St John Bridge, Portland, Oregon, is 1.29 feet above Mean Sea Level.

Form T-1

DATA RECORD

T-8685

Quadrangle (II): CAMAS, WASH., ORE. (3 Minute) **Project No. (II):** C.S. 322

Field Office: Portland, Oregon **Chief of Party:** R. A. Earle

Compilation Office: Portland, Ore. **Chief of Party:** R. A. Earle

Instructions dated (II III): July 12, 1945
Supplemental Instructions: Aug. 29, Oct. 25, Nov. 30 and Dec. 6, 1945

Copy filed in ~~Descriptive Report No. T-~~ (VI) Division Photogrammetry Off. files

Completed survey received in office: 27 Mar. 1946

Reported to Nautical Chart Section: –

Reviewed: Aug. 27, 1946 **Applied to chart No.** **Date:**

Redrafting Completed: ~~14 Nov.~~ 1946

Registered: ~~31 July, 1947~~ 11/47 **Published:** 1947

Compilation Scale: 1:8000 **Published Scale:** 1:9600

Scale Factor (III): None

Geographic Datum (III): N.A. 1927 **Datum Plane (III):** * See below

Reference Station (III): CAMAS, WASH., 1938 r 1941 r 1945

Lat.: 45°35' 15.753" (486.3 m) **Long.:** 122°26' 15.266" (330.9 m) **Adjusted** X **Unadjusted**

State Plane Coordinates (VI): Oregon North Grid: blue
Washington South Grid: black

X = **Y =**

Military Grid Zone (VI)

* (M.H.W. = 6.29 ft. above Mean Sea Level) (M.L.W. = 1.29 ft. above Mean Sea Level)
All elevations are on the Standard 1929 general adjustment of leveling in the U.S.A.

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
727 to 730 Inc.	7-1-45	11:10	{1-17,000 contact; 1- 8,000 ratio}	11.7 ft. above M.L.W.
735 to 739 Inc.	7-1-45	11:30	" "	11.7 ft. " " " "
750 to 755 Inc.	7-1-45	11:40	" "	11.7 ft. " " " "
3610 to 3612 Inc.	11-21-45	14:00	" "	4.9 ft. " " " "
3628 to 3629 Inc.	11-21-45	14:00	" "	4.9 ft. " " " "

Tide from (III): Daily readings of the U.S. Engineer tide guage located at Government Moorings on the west shore of the Willamette River just south of St. Johns Bridge. The 0400 of the guage is M.L.W., Columbia River, which is 1.29 ft. above Mean Sea Level.

Mean Range: Spring Range:

Camera: (Kind or source) K 17, focal length 12 inches

Field Inspection by: See Remarks, page 3 date:

Field Edit by: F. H. Elrod, Prin. Photo Aid date: May 1946

Date of Mean High-Water Line Location (III): Nov. 21, 1945

Note: According to supplemental instructions dated Sept. 10, 1945, a high-water line of 5.0 ft. above Mean Low Water is to be shown on the Map Manuscripts. Photographs made on Nov. 21, 1945, were taken when the water level was at 4.9 ft. above M.L.W.

Projection and Grids ruled by (III) Washington Office date: Sept. 1945

" " " checked by: " " date: Sept. 1945

Control plotted by: Helen L. Letson date Oct. 1945

Control checked by: Eda H. Bunce date: Oct.1945

Radial Plot by: James L. Harris and J. E. Deal date: Nov. 6, 1945

Detailed by: Helen L. Letson date: April 20, 1946

Reviewed in compilation office by: Ree H. Barron date: April 20, 1946

Corrections and changes after field edit by: Helen L. Letson date: June, 1946

Review after changes due to field edit by: Ree H. Barron date: July 17, 1946

Elevations on Field Edit Sheet checked by: C. Hanavich, Photo. Engr. date: May, 1946

STATISTICS (III)

Land Area (Sq. Statute Miles): 6.0

Shoreline (More than 200 meters to opposite shore): 8.2 statute miles

Shoreline (Less than 200 meters to opposite shore): 3.0 statute miles

Number of Recoverable Topographic Stations established: 11 (1 landmark for charts, 1 section corner, 9 fixed aids to navigation)

Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

Field Inspection By: F. H. Elrod, Prin. Photo. Aid Date: Nov. 1945

Shoreline Inspection By: J. C. Lajoye, Prin. Photo Aid Date: Feb. 1946

Recovery of Horizontal Control By: J.C. Lajoye, Prin.Photo Aid Date:Sept. 1945

Recovery of Vertical Control By: J.H. Winniford,Photo Aid (CofC)Date:Sept. 1945

Investigation of Geographic Names and Civil Boundaries By: L.E. Ervast, Photo Aid (C of C) Date:Sept.-Nov.1945

FIELD INSPECTION REPORT

QUADRANGLES T-8684 and T-8685

PROJECT CS-322

1 to 25: Except for the supplemental data listed below under side headings 10 and 17, all information applicable to these side headings is given in the "Field Inspection Report, Project CS-322, Area of the First Radial Plot". This report was enclosed with the Descriptive Report for Quadrangles T-8709 and T-8710, which has been submitted. See Next Page

10. Details Offshore from the High-Water Line:

The heights of the rocks located in Quadrangle T-8685 at the west end of Camas Slough, on Ione Reef, and at the east end of Lady Island, will be reported by the Ship WESTDAHL.

*17. Boundary Monuments and Lines:

In addition to the Donation Land Claims in Clark County, Washington, other claims which were granted by the Federal Government, have been compiled on the map manuscripts at the request of Mr. Charles Deaco, Clark County Engineer and Mr. Bernard Morris, Clark County Surveyor. These claims are, as in the case of the Donation Land Claims, the basis for property surveys.

These claims include pre-emption claims, timber claims, and mineral claims. No attempt was made to distinguish between these various types of claims inasmuch as the required information was not available at the Clark County Court House. These other claims were listed with the Donation Land Claims in the Special Report on Boundary Monuments and Lines; however, they are noted as Land Claims rather than Donation Land Claims on the Map Manuscripts.

Approved by:

R. A. Earle
Chief of Party

Respectfully submitted:

Charles Hanavich
Photogrammetric Engineer

* Special Report: Investigation of Boundary Monuments and Land Lines ... Area of the First Radial Plot.
Filed in Div. Photogram. Gen. Files under "Special Reports"

Amendment to File Data

Since project CS-322 was reviewed and registered, it was decided that a Completion Report for each project would be written and filed in the Bureau of Archives. This Completion Report should include all special reports, correspondence of probable future interest or importance, a project layout, a photo index, and a copy of the initial and supplementary project instructions.

A special file has been set up in the library for Division of Photogrammetry projects. The Completion Report and other special reports will be filed under the project number, and these will be arranged in numerical order.

The following reports and records for project CS-322 are now filed in the Bureau Archives, rather than according to the red notes in the Descriptive Reports:

		Access No.
A.	Special Reports:	
	1. Investigation of Boundary Monuments and Land Lines for Radial Plots 1, 2, 3, and 4	CS-322 Rept. 1
	2. Radial Plots 1, 2, 3, and 4	" " 2
	3. Legal descriptions of boundaries	" " 3
	4. Field Inspection for plots 1, 2, 3, and 4	" " 4
B.	Computations: Triangulation and Traverse	943/GTZ G-6785
C.	Field records:	
	1. Horizontal Angles (form 250) 12 vol.	943/GH G-7082
	2. Traverse Measurements (form 590) 9 vol.	943/GB G-7083
	3. Descriptions (form 525) and recoveries (form 526)	943/GA G-6786
	4. Pricking cards (form M-982-1) for tri. and Trav.	Div. of Photogrammetry General File
	5. Recoverable Topographic stations (form 524)	Div. of Photogrammetry General File
D.	Recovery of bench marks (form 685)	Filed in Leveling Sec.
E.	Supplemental data: maps, plans These were transferred to the Map Section (Mr. Stanley, Chief), Division of Charts, to be selectively filed or discarded.	

LTS

January 1951

COMPILATION REPORT

MAP MANUSCRIPT NUMBERS T-8684 and T-8685

PROJECT CS-322

26. Control:

Sixteen horizontal control stations, located in the area of the two map manuscripts, were recovered. Ten of these were satisfactorily identified on the field photographs. Two permanent triangulation stations and one temporary traverse station were established to supplement the existing horizontal control stations.

The position of triangulation station TEE 2, 1940 (OREG.), U.S.E. was plotted on map manuscript No. T-8685 from plane coordinates, Oregon North Zone. The field unit recommended that this station be listed as destroyed, but it could be used for controlling the photographs. See Form 526 for a detailed description.

A complete tabulation of the horizontal control stations, which were originally in the area of these two map manuscripts, is attached to the "Field Inspection Report, Project CS-322, Area of the First Radial Plot". This report is included with the descriptive report for map manuscripts T-8709 and T-8710 which was forwarded to the Washington Office on July 5, 1946.

A complete tabulation of supplemental horizontal control stations which were established in 1945 and 1946 is attached to a special report, "Third Order Triangulation and Traverse, Project CS-322, Area of the First Radial Plot", which was forwarded to the Washington Office on July 12, 1946.

Brief Stack, Crown Willamette Paper Co., 1945. Follows T-8685 (replaces "Camas Pulp Mill Stack (removed 1938)

27. Radial Plot:

The facts concerning the radial plot for the area of these two map manuscripts have been fully covered in the "Descriptive Report, First Radial Plot, Project CS-322". This radial plot report was included with the descriptive report for map manuscripts T-8709 and T-8710 which was forwarded to the Washington Office on July 5, 1946.

28. Detailing:

Compilation was done in accordance with instructions for Project CS-322 and special instructions applicable to planimetric mapping.

The photography was adequate. The reflight photographs made on Nov. 21, 1945, were helpful in determining the high-water line and other shoreline details. They were not satisfactory for accurately determining the detail falling in the outer limits of the photograph or for orientation and use

in the radial plotting of the minor pass points. In some cases it was difficult to interpret, from the ratio print, the correct shape and size of buildings. This was attributed to the loss of sharpness when the contact prints were enlarged.

When any item relative to the field inspection data was doubtful, it could be clarified by consultation with the field man who had done the inspection work. It was, therefore, unnecessary to make discrepancy overlays for the field edit work.

The classification symbols for tree or brush areas are placed on the inside of the curled line which denotes the limits of said areas. These curled lines and the letter symbols are in green acid ink.

All boundary and land claim lines are shown by appropriate symbols in red acid ink. A legend shown in the margin of each map manuscript identifies these lines.

Pertinent notes, relative to various items, have been lettered in the margins of the map manuscripts.

29. Supplemental Data:

The following maps or plans were used to supplement the photographs:

Industrial map of Camas and Washougal, Wash., Scale 1" = 1000'. Forwarded to Washington Office on July 15, 1946.

Sheets 36, 37, 44, and 45 of a set of 74 sheets published by the Multnomah County, Oregon, Assessor's Office, Scale 1" = 600'. Forwarded to Washington Office with the Geographic Names Report on July 15, 1946.

Black and white print of Camas, Washington, Scale 1" = 400'. Compiled for Camas Street Department and forwarded herewith.

Photostat, Aluminum Co. of America, plant map, Scale 1" = 200'., Forwarded herewith.

Black and white print, Crown Willamette Paper Co., Camas Mill Scale 1" = 200'. Forwarded herewith.

30. Mean High Water Line:

The mean high-water line was detailed from information submitted by the field parties and from stereoscopic examination of the photographs. Most of the shoreline data is shown on field photographs taken on Nov. 21, 1945. The mean high-water line is shown by a continuous heavy-weight black acid

ink line at a plane five feet above the U.S. Engineers low-water datum which is 1.29 ft. above mean sea level. There are no marsh areas immediately bordering the mean high-water line. The bank line at the normal flood stage of the river has been noted.

31. Low-Water and Shoal Lines:

The field inspection unit did not furnish any information on definite or indefinite low-water lines in the area of these two map manuscripts. Approximate shoal lines have been shown by a light dashed black acid ink line as indicated by the field inspection unit.

32. Details Offshore from the Mean High-Water Line:

The offshore details include rocks, boulder areas, and small islands. They have been shown in accordance with the data submitted by the field inspection parties.

33. Wharves and Shoreline Structures:

Piers, wharves, dolphins, etc., have been shown.

34. Landmarks and Aids to Navigation:

In the area of Map Manuscript No. T-8685, MAST, 1946, is recommended as a landmark for nautical charts. Form 567 is attached.

In the area of Map Manuscript No. T-8685, the landmark TOWER shown on nautical chart No. 6156 is recommended for deletion. Form 567 is attached.

The below listed three aids to navigation, for which Form 567 is attached, fall in the area of T-8684:

Mc GUIRE ISLAND LOWER DIKE LIGHT
HASSALO ROCK LIGHT
QUARRY LIGHT

The below listed nine aids to navigation, for which Form 567 is attached, fall in the area of T-8685:

CAMAS SLOUGH RANGE FRONT LIGHT
CAMAS SLOUGH RANGE REAR LIGHT
LADY ISLAND RANGE FRONT LIGHT
LADY ISLAND UPPER LIGHT
CAMAS LIGHT
IONE REEF LIGHT
TROUTDALE LIGHT
GOVERNMENT ISLAND RANGE FRONT LIGHT
GOVERNMENT ISLAND RANGE REAR LIGHT & LADY ISLAND RANGE REAR LIGHT
(Two names are listed for light on this structure)

Photostat copies attached hereto. Note changed position for McGuire Island Lower Dike Lt.

35. Hydrographic Control:

See paragraph 12 of the "Field Inspection Report, Project CS-322, Area of the First Radial Plot" which is included in the Descriptive Report for Map Manuscripts Nos. T-8709 and T-8710. This report was forwarded to the Washington Office on July 5, 1946.

36. Landing Fields and Aeronautical Aids:

A small portion of Troutdale Airport falls in the southeast corner of Map Manuscript No. T-8685.

There are no aeronautical aids within the limits of these two map manuscripts.

37. Geographic Names:

Only undisputed geographic names are shown on the map manuscripts.

Geographic names are the subject of a special report, "Investigation of Geographic Names, Project CS-322, Area of the First Radial Plot", which was forwarded to the Washington Office on July 12, 1946. Spec. Report No. 72, 1946

in Geog. Names Sect. Coast & Surveys

38. Recoverable Topographic Stations:

Copies of Forms 524 are being submitted for the one recommended landmark and twelve aids to navigation listed in paragraph No. 34 of this descriptive report.

In addition copies of Forms 524 are being submitted for the following:

T 1-N R 3-E, Section Corner 4,5,8,9, 1945 } T-8684 Mon.(d)
T 1-N R 3-E, Section Corner 5,6,7,8, 1945 } " "
T 1-N R 3-E, Section Corner 3,4,9,10, 1945 T-8685 "
Mast (Northwestern Elec. Co, Power Line) 1946

39. Junctions:

Complete and satisfactory junctions have been made between map manuscripts Nos. T-8684 and T-8685 and with adjoining map manuscripts.

40. Bench Marks:

1 on T-8684
2 on T-8685

Bench marks have been detailed as identified by field inspection units. Each bench mark is indicated by a black acid ink cross with the name and elevation to the nearest 1/10 foot lettered nearby.

44. Comparison with Existing Topographic Surveys:

See record sheet which accompanies each map manuscript.

45. Comparison with Nautical Charts:

See record sheet which accompanies each map manuscript.

Approved and Forwarded:

Robert A. Earle
Chief of Party

Respectfully submitted:
July 19, 1946

J. Edward Deal, Jr.
Photogrammetric Engineer

FIELD EDIT REPORT
T-8684 and T-8685
Project CS-322

46. Methods:

These map manuscripts were field edited in accordance with the Field Edit Instructions dated 24 August 1945. All corrections and additions have been made accurately on the field edit print in colored ink; or the place where a correction or addition is to be made has been indicated by a note to refer to the field photograph. All features which are to be deleted have been crossed out in colored ink.

New buildings were located either by pacing or taping in the field and are shown on the field edit prints. A legend on each of these prints will furnish a key to all symbols and to the different colored inks used.

47. Adequacy of the Compilation:

The planimetry as delineated on the map manuscripts may be considered as complete and adequate with respect to the corresponding ground detail. Except for the deletions, corrections, additions, and notations made on the field edit prints, it is also accurate in regard to relative position.

In the town of Camas, where the relative widths of streets (between curbs) seemed to be in error, field measurements were taken and noted on sheet T-8685. The boundary limits of Blue Lake Park were obtained by the field edit party. Any drafting of detail that seemed to be questionable was called to the attention of the compilers and reviewers by notes.

Shoreline features could not be accurately checked because of the extreme high-water caused by the spring freshet. Some changes and additions, such as recently excavated ditches, have been noted.

In accordance with the field edit instructions, the accuracy and completeness of the map manuscripts in regard to geographic names, boundaries, public land lines, and detail were checked by Mr. B.G. Smith, City Engineer of Camas, Washington, and Mr. C.G. Powers, County Surveyor of Multnomah County, Portland. The geographic names shown on these sheets have been reviewed by Mr. Lewis A. McArthur of Portland.

48. Accuracy Tests:

Results of the horizontal accuracy test on T-8685 are attached to the back of this report. For data on the traverse, refer to "Special Report, Third-Order Triangulation and Traverse, Project CS-322, Area of the First Radial Plot", which has been submitted.

For additional map accuracy tests adjacent to the area of these map manuscripts, refer to the field edit reports on T-8677, T-8683, and T-8692.

These maps are believed to comply with the horizontal accuracy specifications.

49. Bench Mark Elevations:

The elevations of the bench marks shown on the field edit prints have been checked.

50. Geographic Names:

A thorough investigation was made to ascertain a geographic name established by local usage of the island just north of the east end of Government Island. The below listed individuals, who were consulted, claim that this island does not have a name.

914.
LA.

H. G. Richardson, City Surveyor
City Hall, Portland, Ore.

Claude Powers, County Surveyor
County Court House, Portland, Ore.

Robert A. Ostrom, River Pilot of USED Tug " Gen. C. F. Powell"
4125 NE 72 Avenue, Portland, Ore.

Bernard Morris, Asst. County Surveyor
Clark County Court House, Vancouver, Wash.

Field Edit Reviewed By:

C. Hanavich
C. Hanavich
Photo.Engr.

Field Edit By:

Frank H. Elrod
F.H.Elrod
Prin, Photo. Aid

Date: May, 1946

Approved By:

R.A. Earle
R.A.Earle
Chief of Party

HORIZONTAL ACCURACY TEST
Map Manuscript T-8685
Project CS-322

This test consists of a spur traverse between triangulation station CAMAS,1938 and A-6 (Temp. Sta.),1945. The traverse is 1.5 statute miles in length and contains two test points within the limits of this manuscript. In the tabulation the geodetic position from the traverse computation is referred to as T.P.No., and the scaled position from the map manuscript(Scale 1:8,000) is referred to as M.M.No.

TABULATION OF TEST POINTS

Description of Point	Test Point Number	Latitude	Longitude	Displacement in mm
P.I.of 2 rds.	T.P.No.1-A	45 35 1434.1	122 26 208.5	
	M.M.No.1-A	45 35 1432.1	122 26 214.8	.66
Inter,of T-rd	T.P.No.2-A	45 35 1439.0	122 26 13.0	
90 degrees	M.M.No.2-A	45 35 1435.2	122 26 15.2	.44

Test point No. 1-A is not a well defined point; it is the point of intersection on the extension of two roads. The remaining test point is well defined.

The points tested are within the accuracy requirements.

Approved By:
R.A.Earle
R.A.Earle
Chief of Party

Respectfully Submitted:
C. Hanavich
C. Hanavich
Photo. Engr.

Form 567
(Rev. April 1942)

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
NONFLOATING AIDS TO NAVIGATION

Project C.S. 322
T-868

~~DISCONTINUED~~ } STRIKE OUT ONE
~~DISCONTINUED~~

Portland, Oregon, March, 1946

~~The following Fixed Aids to Navigation~~ have (~~have not~~) been inspected ~~from seaward to determine their values as landmarks~~ ~~to be charted~~ on (~~deleted from~~) the charts indicated.

The positions given have been checked after listing.

Robert A. Earle
Chief of Party.

GENERAL LOCALITY: Columbia River, Washington, Oregon	POSITION						METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
NAME AND DESCRIPTION	LATITUDE			LONGITUDE								
	°	′	D. M. METERS	°	′	D. P. METERS	DATUM							
QUARRY LIGHT			(39.0)			(816.8)	N.A.	Radial	March				
F.W.	45	34	1813.4	122	28	483.9	1927	Plot	1946		X		#6156
HASSALO ROCK LIGHT			(194.5)			(151.8)	N.A.	Radial	March				
F.W.	45	34	1657.9	122	27	1148.9	1927	Plot	1946		X		#6156
McGUIRE ISLAND LOWER DIKE LIGHT			(~~1649.5~~)			(~~783.8~~)	N.A.	Radial	March				
* Fl. R., 2.5 Sec.	45	34	~~202.9~~ 219.2	122	27	~~517.2~~ 518.4	1927	Plot	1946		X		#6156

Note: The geographic positions of the above nonfloating aids to navigation are in agreement with the charted positions shown on Chart #6156.

* Replotted by review. McH

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

U. S. GOVERNMENT PRINTING OFFICE 16—27869-1

Form 567
(Rev. April 1942)

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

Project C.S. 322
T-8685

LANDMARKS FOR CHARTS

~~TO BE CHARTED~~ } STRIKE OUT ONE
TO BE DELETED }

Portland, Oregon March, 1946

I recommend that the following objects which have (~~been~~) been inspected from seaward to determine their value as landmarks, be ~~charted~~ (deleted from) the charts indicated.

The positions given have been checked after listing.

Robert A. Earle
Chief of Party.

GENERAL LOCALITY: Columbia River, Oregon

NAME AND DESCRIPTION	POSITION						METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	LATITUDE			LONGITUDE		DATUM						
	° ′	D. M. METERS		° ′	D. P. METERS							
TOWER (This Landmark is located South of Lady Island and opposite Lone Reef on the South Side of Columbia River at Sundial Beach. (Stott Landing)	45 33	1643.9		122 24	760.3	N.A. 1927	Triangulation	1938		I		#6156
Note: This landmark is also Triangulation Station "TRANSMISSION TOWER, SOUTH SIDE COLUMBIA RIVER APEX, 1938". The tower has been torn down and the triangulation station is reported destroyed. The base of the tower remains and the station can still be used as horizontal control for air photographs.												

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

U. S. GOVERNMENT PRINTING OFFICE 16—27869-1

Form 567
(Rev. April 1942)

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

FIXED AIDS TO NAVIGATION
Project C.S. 322
T-8685

~~TO BE CHARTED~~ } STRIKE OUT ONE
~~TO BE DELETED~~

Portland, Oregon March, 1946

The following Fixed Aids to Navigation have (~~have not~~) been inspected ~~from [illegible]~~ ~~be charted~~ on (~~deleted from~~) the charts indicated.

The positions given have been checked after listing.

Robert A. Earle
Chief of Party.

GENERAL LOCALITY Columbia River, Oregon and Washington

NAME AND DESCRIPTION	POSITION LATITUDE °	'	D. M. METERS	LONGITUDE °	'	D. P. METERS	DATUM	METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
The Geographic Positions of the following fixed aids to navigation are not in perfect agreement with the positions shown on nautical chart:													
CAMAS SLOUGH RANGE FRONT LIGHT, Fl. W., 1 Sec.	45	34	(1004.6) 847.8	122	26	(1198.5) 102.4	N.A. 1927	Radial Plot	March 1946		X		#6156
CAMAS SLOUGH RANGE REAR LIGHT, Occ. W., 6 Sec.	45	34	(1037.4) 815.0	122	26	(1278.1) 22.8	N.A. 1927	Radial Plot	March 1946		X		#6156
The Geographic Positions of the following fixed aids to navigation are in agreement with the positions shown on nautical chart:													
LADY ISLAND RANGE FRONT LIGHT, Fl. R., 1 Sec.	45	33	(370.2) 1482.2	122	26	(719.8) 581.5	N.A. 1927	Theodolite & Radial Plot	March 1946		X		#6156
LADY ISLAND UPPER LIGHT Fl. W., 4 Sec.	45	34	(1219.2) 633.2	122	24	(1260.5) 40.4	"	Radial Plot	"		X		#6156
* GOVERNMENT ISLAND RANGE REAR LIGHT LADY ISLAND RANGE REAR LIGHT Occ. R., 6 Sec.	45	33	(402.6) 1449.8	122	26	(438.3) 862.9	"	"	"		X		#6156
TROUTDALE LIGHT F. R.	45	33	(486.3) 1366.1	122	25	(27.3) 1273.9	"	"	"		X		#6156
CAMAS LIGHT Fl. G., 2.5 Sec.	45	34	(811.4) 1041.0	122	26	(496.1) 804.8	"	"	"		X		#6156
GOVERNMENT ISLAND RANGE FRONT LIGHT, Fl. R., 1 Sec.	45	33	(231.6) 1620.8	122	26	(220.9) 1080.3	"	"	"		X		#6156
IONE REEF LIGHT Fl. W., 4 Sec.	45	33	(173.3) 1679.1	122	24	(612.2) 688.9	"	"	"		X		#6156

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* Two names for light on this structure.

U. S. GOVERNMENT PRINTING OFFICE 16—27869-1

Form 567
(Rev. April 1942)

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

Project C.S. 322
T-8685

LANDMARKS FOR CHARTS

TO BE CHARTED } STRIKE OUT ONE

Portland, Oregon, March, 1946

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks, be charted on the charts indicated.

The positions given have been checked after listing.

Robert A. Earle, *Chief of Party.*

GENERAL LOCALITY: Columbia River, Oregon

NAME AND DESCRIPTION	POSITION						DATUM	METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	LATITUDE			LONGITUDE									
	°	′	D. M. METERS	°	′	D. P. METERS							
MAST; Steel, 255 ft. high.	45	33	(225.9) 1626.5	122	24	(539.3) 763.4	N.A. 1927	Radial Plot	1946		X		#6156
(Northwestern Electric Co.)													

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

U. S. GOVERNMENT PRINTING OFFICE 16—27809-1

DIVISION OF PHOTOGRAMMETRY
Review Report of
Planimetric Map Manuscript No. T-8684

The first radial plot for Project CS-322, consisting of 14 surveys, was completed 14 March, 1946. Survey T-8684 is one of the first manuscripts in this group of surveys to be completed and reviewed. All of the field edit data were applied to the manuscript by the Portland, Oregon, Photogrammetric Office prior to final review.

27. RADIAL PLOT

Each of the office photographs within the area of the survey were oriented separately under the manuscript, holding to the existing horizontal control stations and photograph centers as established by the main radial plot, and the position of the planimetric details and pass points checked by radial intersections. The radial plot is believed to be within the required accuracy. Planimetric details in the following areas, however, failed to meet the standard of accuracy:

McGuire Island Lower Dike Light: Position of this light and planimetry in immediate vicinity were changed a maximum of 2 mm.

Latitude 45° 34' 40" and Longitude 122° 27': Shore line and offshore details changed in position a maximum of 2 mm.

Government Island: Roads changed in positions from 1mm to 2 mm.

The planimetry in these areas were corrected by the reviewer, holding to re-intersected and newly established detail points. The errors in the original detailing apparently were due to errors in location of detail points by the compiler.

28. DETAILING

The field inspection data of December 1945 and February 1946; and the results of the field edit data of May 1946 as applied to the manuscript by the Portland Photogrammetric Office were checked during the review.

A drafting overlay was prepared to faciltate the sooth drafting of this manuscript.

34. LANDMARKS AND AIDS TO NAVIGATION

The position of McGuire Island lower Bike light, as radially plotted by the compilation office, was found to be 1.6 mm in error after re-intersecting this light during review. The position has been listed of Form 567 and forwarded to Nautical Charts to supersede the position submitted originally.

38. COMPARISON WITH PREVIOUS TOPOGRAPHIC SURVEYS:

The planimetric features appearing on the following surveys are superseded by Survey T-8684 in all common areas:

T-2085	1:10,000	1891
T-2522	1:10,000	1900

Considerable changes were noted upon comparison with these surveys,

especially the island just northeast of Government Island. This island now lies much farther to the west.

39. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

This side-heading is not applicable to Survey T-8684

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

U.S.G.S. CAMAS, Washington-Oregon (15'), edition 1942, reprint 1946

In general, planimetry common to the quadrangle and the manuscript are in good agreement, except for the position of the M.H.W. line, which is progably due to datum difference.

The planimetry shown on Survey T-8684 supersedes that appearing on the above-mentioned quadrangle.

45. COMPARISON WITH NAUTICAL CHARTS:

No. 6156 1:40,000 1942

Discrepancies, in addition to those listed below, have been noted in the Record Sheet which accompanies the Descriptive Report.

The first light just southeast of McGuire Island Lower Dike Light, as shown on the chart, was noted as a dolphin by the field inspection party and shown as such on the manuscript.

Hassalo Rock, appearing on the chart, was not shown on the manuscript, because its image was not visible on any of the photographs.

This survey has not been applied to Chart 6156 at the date of this review.

Reviewed by;

Michael G. Misulia
Photogrammetrist
August 28, 1946

Reviewed under the direction of:

S. V. Griffith
Chief, Review Section

Approved by:

B.J. Jones 11/47
Technical Assistant to the
Chief, Division of Photogrammetry

K.T. Adams
Chief, Division of Photogrammetry

Chief, Nautical Chart Branch

E.K. Green
Chief, Division of Coastal Surveys

DIVISION OF PHOTOGRAMMETRY
Review Report of
Planimetric Survey Manuscript No. T-8685

Subjects (paragraph numbers) not used in this review have been adequately covered in other parts of this report.

28. DETAILING

The field inspection data of November 1945 and February 1946; and the field edit data of May 1946 as applied to the manuscript by the Portland Photogrammetric Office, were checked during the review.

34. Landmarks and Aids to Navigation

The Camas Pulp Mill Stack (concrete) shown on Chart 6156 as a landmark has been destroyed. Form 567 has been submitted for its deletion. However, the triangulation intersection station Camas, Crown-Willamette Paper Co., Brick Stack (largest and tallest) has been established in 1945 in almost the same position. Form 567 has been submitted for this new landmark.

43. Comparison with Previous Topographic Survey

The planimetric features appearing on the following survey are superseded by Survey T-8685 in all common areas; except for off-shore rocks:

T-2522	1:10,000	1900

44. Comparison with Existing Topographic Quadrangles

U.S.G.S. CAMAS, Washington-Oregon (15'), edition 1942, reprint 1946.

The planimetry of T-8685 supersedes that of the above-named quadrangle in their common areas.

45. Comparison with Nautical Chart

No. 6156	1:40,000	1942.	revision Oct. 1945

The Record Sheet accompanying this descriptive report gives adequate comparison data.for

This Survey sheet has not been applied to Nautical Chart 6156 as of the date of this review.

49. Donation Land Claims, Land Claims, and Section Lines:

South of the Columbia River: Donation Land Claim lines on the map manuscript were checked against Multnomah County assessment maps (numbers 44 and 45) and against General Land Office plats.

North of the Columbia River: Donation Land Claim lines on the map manuscript could be checked only against Field Inspection data on the contact prints Nos. 727, 736, 739, 750, 751, and 753 upon which the lines had been drawn in red.

[illegible]

Reviewed by:

Lena T. Stevens
Photogrammetrist
Aug. 28, 1946

Reviewed under the direction of:

S. V. Griffin
Chief, Review Section

Approved by:

B. J. Jones 11/47
Technical Assistant to the
Chief, Division of Photogrammetry

A. Ellenberg
Chief, Nautical Chart Branch

K. T. Adams
Chief, Division of Photogrammetry

E. F. Green
Chief, Division of Coastal Surveys

GEOGRAPHIC NAMES

Survey No. T-8684
T-8685

Name on Survey	On Chart No. A	On previous survey No. B	On U. S. quadrangle Maps C	From local information D	On local Maps E	P. O. Guide or Map F	Rand McNally Atlas G	U. S. Light List H	K	
Oregon									USGB	1
Washington									"	2
Columbia River									"	3
Spokane, Portland and Seattle Ry										4
Clark County		(Wash.)								5
Multnomah County		(Ore.)								6
U.S. No. 830		(EVERGREEN HIGHWAY)								7
U.S. No. 30		(only a small section on T-8684)								8
Washington No. 8 (same as U.S. 830)										9
Washington No. 8A (north from Camas)										10
Union Pacific R/R.		(small section on T-8684)								11
										12
T-8685:										13
Lacamas Lake										14
Dead Lake										15
Camas										16
Prune Hill										17
Hassalo Rock		This rock falls on T-8684 (LTS) (see location on nautical chart 6156)								18
Camas Slough										19
Lady Island									USGB	20
Ione Reef										21
Sundial Beach										22
Troutdale Airport		(in part)								23
Company Lake										24
Sundial Lake	This area has been drained, and is under cultivation. (LTS)									25
Blue Lake		(also on T-8684)								26
Fairview Lake		(also on T-8684)								27

M 234

GEOGRAPHIC NAMES

Survey No. T-8684
T-8685

2 Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K
T-8684:									
Hemlock									
Columbia Slough									
McGuire Island									
Government Island									
Bartlett Landing									
Fisher									USGB
Fisher Quarry									
Fisher School									
Blue Lake Park									
South Channel	(this name has never been used before: preferable to omit it)								
Sand Island	(see section of descriptive report stating it has no name: omit it since there is another acceptable Sand Island at the downstream end of Government Island, on T-8682-83)								

Names of individual land claims of various sorts are not properly listed here as Geographic Names. If they are to be applied, the names shown on sheet should be used as indicated.

Names undefined land approved by L. Heck on 8/23/46

T-8684
Evergreen Highway
Riverview Road
N.E. Marine Drive
N.E. 158th Ave.

M 234

78-ROR

27 November 1946

To: Lt. Comdr. Robert A. Earle
U. S. Coast and Geodetic Survey
c/o Swan Island Postal Station
Portland 18, Oregon

Subject: Map manuscript T-5685

With the materials forwarded to this office for map manuscript T-5685 there were three plats showing the street system in the city of Camas, Washington, and on one of these copies was the note, "All names of streets have been changed. Copy of revisions can be obtained from local newspaper office, Camas Post, 25 cents." The three plats showing the street system have identically the same names and these also correspond to the names shown on the map manuscript.

Please inform us by return mail if we are to accept the names shown on the maps and on the map manuscript, and if we are not, please obtain the Camas Post map referred to and forward it at your earliest convenience.

(Signed) K. T. Adams
Chief, Division of Photogrammetry

K. T. Adams
Chief, Div. of Photogrammetry

KTA
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78

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
c/o Swan Island Postal Station
Portland 18, Oregon

POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

3 December, 1946

To: Chief, Division of Photogrammetry
U.S. Coast & Geodetic Survey
Washington 25, D. C.

From: Lt. Comdr. R. A. Earle

Subject: Map Manuscript T-8685

Reference: Your Letter 78-RCR dated 27 November, 1946

In reply to the above reference, the reason for having the note "All names of streets have been changed, etc.", on a copy of one of the plats showing the street system of Camas, Washington, is unknown.

The names of streets as shown on the plat and map manuscript are correct and these names were checked during field edit.

It is probable that the copy of the plat was one which had been posted several years ago when names were changed, and that personnel of the County Courthouse, instead of issuing copies of that plat, referred residents to the local newspaper office.

R. A. Earle
Chief of Party

RAE/gw

NAUTICAL CHARTS BRANCH

T-8684
SURVEY NO. T-8685

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
6/18/48	6156	Risegari	Exam. for important permanent changes - no ~~Before~~ After Verification and Review correction.
8 Aug 50	6156	Nichols	~~Before~~ After Verification and Review
			Complete application
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.