8669
8670

Diag'd. on diag. ch. No. 6154 & 6146

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric Air Photographic

Field No. T-8669 and *Office No.* T-8670

LOCALITY

State Washington

General locality Clark County

Locality Vancouver Lake and Burntbridge Creek

1947

CHIEF OF PARTY

R.A. Earle

LIBRARY & ARCHIVES

DATE Dec 16-1947

B-1870-1 (1)

8670

8669

RECORD SHEET

Div. of Photogrammetry
Graphic Compilation Sect.

GENERAL LOCALITY Clark County, Washington

SHEET NO. T-8669

LOCALITY Vancouver Lake

PROJECT NO. CS-322

PHOTOS ORDERED Aug., 1945 REC'D 9-24, 9-26, 10-1-45 & 6-21-46

SCALE 1:8000

PROJECTION ORDERED May, 1946 REC'D June, 1946

Joins T-8665 Ck ✓

Joins T-8668 Ck ✓

Joins T-8670 Ck ✓

Joins T-8673 Ck ✓

CONTROL:

COMPUTED Bushnell VERIFIED Foster

PLOTTED Bushnell VERIFIED Foster

PHOTO PREPARATION:

CONTROL Bushnell

AZIMUTHS Davidson

PASS POINTS Bunce

TEMPLETS Jensen VERIFIED Harris

DATE OF PHOTOS See reverse side

RADIAL PLOT:

PLOTTED BY Harris DATE Sept. 13, 1946

TIME OF PHOTOS "

VERIFIED Deal DATE Sept. 18, 1946

COMPILATION:

STAGE OF TIDE See reverse side

DETAIL POINTS Bunce DATE Sept. 27, 1946

DETAIL BY M. B. Elrod DATE 10-3-46

VERIFIED BY R. H. Barron DATE 11-26-46

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

Due to scale difference only a visual comparison was made with the U.S.G.S. Portland, Oreg. - Wash. 15 min. quadrangle. Scale: 1:62500. In general the common planimetry of the quadrangle and map manuscript is in good agreement; however, there were some differences noted in the pond areas and the shoreline of Vancouver Lake. This is due to the constant change in the water level of this area. (over)

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

FORWARDED TO Washington Office DATE January 6, 1947

R. A. Earle
Chief of Party

M-2305-12

YD

COMPARISONS (continued)

Comparison was made with nautical chart No. 6154, Scale: 1:40000, by use of the vertical projector. In general the shape of Vancouver Lake and Shillapoo Lake are in agreement. Due to the shallow character of the lakes, and the fact that the land bordering the water areas is very flat, one foot difference in the water level would make considerable difference in the location of the mean high-water line. The high-water line of the map manuscript was delineated from nine lens photographs taken on November 21, 1945, when the water level was 5.0 ft. above Mean Low-Water (Columbia River Datum) which is the datum Mean High-Water line of Project CS-322.

PHOTOGRAPH DATA

Photo. No.	Date	Time	Scale	Stage of Tide
			1:17000 contact	
471 to 475 Inc.	6-30-45	12:00	1: 8000 ratio	11.9 ft. above M.L.W.
666 to 670 "	7- 1-45	10:15	" "	11.7 ft. " "
824 to 828 "	7- 1-45	12:50	" "	11.7 ft. " "
Nine lens				
15124 & 15125 Inc.	11-21-45	13:00	1: 8000 contact	5.0 ft. " "

Form T-1

DATA RECORD

T- 8669

Quadrangle (II): Vancouver Lake, Washington **Project No. (II):** CS-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) Div. Photogram. Office Files

Completed survey received in office: 13 Jan. 1947

Reported to Nautical Chart Section: -

Reviewed: 18 June, 1947 **Applied to chart No.** **Date:**

Redrafting Completed: ~~27 June, 1947~~ Dec,

Registered: 25 Nov. 1947 **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): ANDERSON, 1946

Lat.: 45° 41' ~~53.442"(1649.9m)~~ 53.444"(1650.0m) **Long.:** 122° 42' ~~34.244"(740.9m)~~ 34.243"(740.8m **Adjusted** **~~Unadjusted~~** X
G.P.'s p.1025

State Plane Coordinates (VI):

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.

450

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
			1:17000 contact	
Single lens 471 to 475 inc.	6-30-45	12:00	1: 8000 ratio	11.9 ft. above M.L.W.
666 to 670 "	7- 1-45	10:15	" "	11.7 ft. " "
824 to 828 "	7- 1-45	12:50	" "	11.7 ft. " "
Nine lens 15124 and 15125	11-21-45	13:00	1: 8000 contact	5.0 ft. " "

Tide from (III): Daily readings of the U.S. Engineers tide gauge located at Government Moorings on the west shore of the Willamette River just south of St. Johns Bridge. The 0+00 of the gauge is 1.29 ft. above Mean Sea Level.

Mean Range: **Spring Range:**

Camera: (Kind or source) K - 17, focal length 12 inches and U.S. Coast & Geodetic Survey, 9 lens camera, focal length 8.25".

Field Inspection by: See remarks, page 3 **date:**

Field Edit by: L. E. Ervast, Photo. Aid **date:** Nov. 1946

Date of Mean High-Water Line Location (III): November 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. The 9 lens photographs made on November 21, 1945, were taken when the water level was 5.0 ft. above M.L.W.

Projection and Grids ruled by (III) Washington Office **date:** May, 1946

" " " **checked by:** Washington Office **date:** May, 1946

Control plotted by: Walter Bushnell **date:** August, 1946

Control checked by: Richard Foster **date:** August, 1946

Radial Plot by: James L. Harris & J. E. Deal **date:** Sept. 18, 1946

Detailed by: Marie B. Elrod **date:** October 3, 1946

Reviewed in compilation office by: Ree H. Barron **date:** November 26, 1946

Corrections and changes after field edit by: Ree H. Barron date: January 2, 1947

Review after field edit by: J. E. Deal date: January 3, 1947

Elevations on Field Edit Sheet checked by: None **date:**

STATISTICS (III)

Land Area (Sq. Statute Miles): 3.0

Shoreline (More than 200 meters to opposite shore): 15.0 statute miles

Shoreline (Less than 200 meters to opposite shore): 5.0 statute mile

Number of Recoverable Topographic Stations established: 1 -- 1/4 section corner.

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: W. J. Bushnell, Photo. Aid date: April, 1946

Shoreline Inspection by: J. C. LaJoye, Prin. Photo. Aid and W. J. Bushnell, Photo. Aid date: April, 1946

Recovery of Horizontal Control by: J. C. LaJoye, Prin. Photo.Aid date: April, 1946

Recovery of Vertical Control by: None

Investigation of Geographic Names and Civil Boundaries by: L. E. Ervast, Photo. Aid date: July, 1946

RECORD SHEET

Div. of Photogrammetry
Graphic Compilation Sect.

GENERAL LOCALITY Clark County, Washington

LOCALITY Burnt Bridge Creek

SHEET NO. T-8670

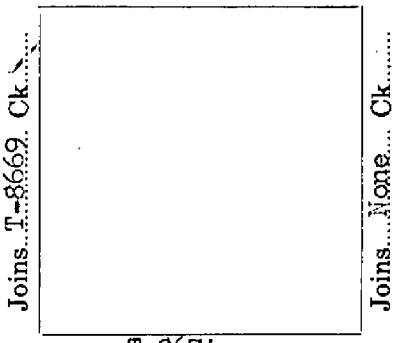
PROJECT NO. CS-322

SCALE 1:8000

PHOTOS ORDERED Aug., 1945 REC'D 10-1-45

PROJECTION ORDERED Nov. 1945 REC'D 12-4-45

Joins None Ck



CONTROL:
COMPUTED Bunce VERIFIED Foster

PLOTTED Bunce VERIFIED Foster

PHOTO PREPARATION:
CONTROL Bushnell

AZIMUTHS Davidson

PASS POINTS Bunce

TEMPLETS Sherwood VERIFIED Harris

DATE OF PHOTOS See reverse side

RADIAL PLOT:
PLOTTED BY Harris DATE Sept. 13, 1946

VERIFIED Deal DATE Sept. 17, 1946

TIME OF PHOTOS "

STAGE OF TIDE See reverse side

COMPILATION:
DETAIL POINTS Bunce DATE 9-18-46

DETAIL BY Randall DATE 11-22-45

VERIFIED BY Barron DATE 12-11-46

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

Due to scale difference only a visual comparison was made with the U.S.G.S. Portland, Oreg. - Wash. 15 min. quadrangle, Scale: 1:62500. Planimetric details, common to the map manuscript and quadrangle, are in good agreement. The location of triangulation station "CORNBURG, 1934", is in error on the quadrangle. The small part of Vancouver Lake, which falls on this map manuscript, was (over)

REMARKS

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

FORWARDED TO Washington Office DATE January 6, 1947

R. A. Earle
Chief of Party

M-2305-12

COMPARISONS (continued)

compared with nautical chart No. 6154, Scale: 1:40000 by use of the vertical projector and it is in fair agreement. Due to the shallow character of the lake, and the fact that the land bordering the water area is very flat, one foot difference in the water level would make considerable difference in the location of the mean high-water line. The high-water line of the map manuscript was delineated from nine lens photographs taken on November 21, 1945, when the water level was 5.0 ft. above Mean Low-Water (Columbia River Datum) which is the datum Mean High-Water line of Project CS-322.

PHOTOGRAPH DATA

Photo. No.	Date	Time	Scale	Stage of Tide
550 to 554 Inc.	6-30-45	13:30	1:17000 contact 1: 8000 ratio	11.9 ft. Above M.L.W.
824 to 828 "	7- 1-45	12:50	" "	11.7 ft. " "
Nine lens 15124	11-21-45	13:00	1: 8000 contact	5.0 ft. " "

Form T-1

DATA RECORD

T- 8670

Quadrangle (II): Burnt Bridge Creek (3 minute) **Project No. (II):** CS-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)
Div. Ptg. Office Files

Completed survey received in office: 13 Jan. 1947

Reported to Nautical Chart Section: -

Reviewed: 3 July, 1947 **Applied to chart No.** **Date:**

Redrafting Completed: 6 Aug. 1947

Registered: ~~25 Nov.~~ Dec. 1947 **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): CORNBURG (WASH.), 1934 r1945

Lat.: 45° 41' 14.733" (454.9m) **Long.:** 122° 39' 29.640" (641.4m) **Adjusted** X **Unadjusted**

State Plane Coordinates (VI):

X = 1,448,449.50 Y = 136,672.43

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.

ptw

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
			1:17000 contact	
550 to 554 Inc.	6-30-45	13:30	1: 8000 ratio	11.9 ft. above M.L.W.
824 to 828 "	7- 1-45	12:50		11.7 ft. " "
15124 (9 lens)	11-21-45	13:00	1: 8000	5.0 ft. " "

Tide from (III): Daily readings of the U.S. Engineers tide gauge located at Government Moorings on the west shore of the Willamette River just south of St. Johns Bridge. The 0+00 of the gauge is 1.29 ft. above Mean Sea Level.

Mean Range: **Spring Range:**

Camera: (Kind or source) K - 17, camera, focal length 12 inches and U.S. Coast & Geodetic Survey 9 lens camera, focal length 8.25 inches

Field Inspection by: See remarks, page 3 **date:**

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

Date of Mean High-Water Line Location (III): None

Projection and Grids ruled by (III) Washington Office **date:** Jan., 1946

" " " **checked by:** Washington Office **date:** Jan., 1946

Control plotted by: Eda H. Bunce **date:** August, 1946

Control checked by: Richard Foster **date:** August, 1946

Radial Plot by: James L. Harris and J. Edward Deal **date:** 9-17-46

Detailed by: Clyde A. Randall **date:** 11-22-46

Reviewed in compilation office by: Ree H. Barron **date:** 12-11-46

Corrections and changes after field edit by: Ree H. Barron date: 1-3-47

Review after changes due to field edit by: J. E. Deal date: 1-3-47

Elevations on Field Edit Sheet checked by: Charles Hanavich, Topographic Engineer **date:** Dec., 1946

STATISTICS (III)

Land Area (Sq. Statute Miles): 7.0

Shoreline (More than 200 meters to opposite shore): 1.0 statute miles

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

Number of Recoverable Topographic Stations established: 8 (2 section corners, 2 D.L.C. corners, 2 city boundary mon., 1 azimuth mark, 1 interior landmark)

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: W.J. Bushnell, Photo. Aid date: April May, 1946

Shoreline Inspection by: W.J. Bushnell, Photo. Aid date: April, 1946

Recovery of Horizontal Control by: J. C. LaJoye, Prin. Photo.Aid date: April, 1946

Recovery of Vertical Control by: J. H. Winniford, Photo. Aid date: Oct., 1945

Investigation of Geographic Names and Civil Boundaries by: L. E. Ervast, Photo. Aid. date: July, 1946

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 photoindex, 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 MANUSCRIPTS T-8669 and T-8670
PROJECT CS-322

26. Control:

At the time this project was started there were three existing horizontal control stations in the area of these two map manuscripts. Only one of these stations could be recovered and identified for use in the radial plot. (T-8670)

In order to more satisfactorily control the orientation of the photographs, one temporary and two permanent triangulation stations were established. T-8669, Anderson, 1946; T-8670, Chimney (I.D. Ross Sub. Sta., 1946

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 Fourth Radial Plot", which is included with this descriptive report.
→ Filed in Div. Photogram. General Files under "Special Reports."

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 Fourth Radial Plot", which is being forwarded to the Washington Office.
Filed in Library & Archives under G-6785

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, Fourth Radial Plot, Project CS-322", which is attached.
→ Filed in Div. Photogram. General Files under "Special Reports."

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 nine lens reflight photographs made on November 21, 1945, were helpful in determining the high-water line and other shoreline details. They were not used for radially plotting minor pass points, or for other operations in respect to the redial plot.

In some cases it was difficult to interpret, from the ratio prints, 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 and brush areas are placed on the inside of the curled line which denotes the limits of said area. 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, which will be forwarded with the map manuscripts, were used to supplement the photographs:

Black line print:	Map of the City of Vancouver, Scale: Unknown.
Blue line print:	Vicinity map, Vancouver, Washington, Scale: 1" = 1000'.
Black line print:	Vancouver, Washington, Scale: 1" = 600'.
Blueprint:	Burton Homes, Vancouver, Washington, Scale: 1" = 100'.

In CS-322 Project file

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 nine lens photographs taken on November 21, 1945. The mean high-water line bordering firm ground, 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. The mean high-water line bordering marsh or mud, is shown with a continuous light-weight black acid ink line at the same plane. Where the field inspection unit could not definitely establish the location of the high-water line, it is shown by dashed black acid ink lines, of the same weights, as described above.

31. Low-Water and Shoal Lines:

The field inspection unit indicated a small area in Shillapoo Lake which bares at low-water. It has been shown enclosed in a dotted black acid ink line and appropriately noted. The field inspection unit did not indicate any shoal areas. Both lakes are very shoal.

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

In Vancouver Lake there are many objects which were found, during the field edit, to be floating duck blinds. As these are not permanent structures, they were not shown on the map manuscript. The lake is not navigable except during periods of high-water.

33. Wharves and Shoreline Structures:

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

34. Landmarks and Aids to Navigation:

There are no landmarks or aids to navigation within the limits of these two map manuscripts.

35. Hydrographic Control:

No additional hydrographic stations were established within the area of these two map manuscripts. A sufficient number of existing horizontal control stations were recovered to comply with the instructions.

36. Landing Fields and Aeronautical Aids:

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

37. Geographic Names:

Only undisputed geographic names are shown on the map manuscripts. 814 ✓ Geographic names are the subject of a special report, "Investigation of Geographic Names, Project CS-322, Area of the Fourth Radial Plot", which is being submitted.

→ Filed in Geographic Names Section, Div. of Charts

38. Recoverable Topographic Stations:

Copies of Forms 524 are being submitted for the following:

In the area of Map Manuscript No. T-8669:

T 2N R 1W-1E, WILLAMETTE MERIDIAN,
¼ Section Corner 12, 7, 1946.

In the area of Map Manuscript No. T-8670:

VANCOUVER CITY LIMITS MONUMENT, 1946 (Corner)
VANCOUVER CITY LIMITS NOMUMENT, 1946 (North Boundary)
T 2N R 1E Section Corner 15, 16, 21, 22, 1946
T 2N R 1E Section Corner 14, 15, 22, 23, 1946
S.W. Corner B. E. MARBLE D.L.C., T 2N R 1E, ¼ Section Corner 15, 22, 1946.
N. W. Corner B. E. MARBLE D.L.C., 1946
TANK, Silver Elevated, 1946
R.M. 3 CORNBURG, 1934, AZIMUTH MARK, 1946

39. Junctions:

Complete and satisfactory junctions have been made between Map Manuscripts Nos. T-8669 and T-8670, and with adjoining map manuscripts.

Investigation of Boundary Monuments & Land Lines . . .
Area of the Fourth Radial Plot.
Filed in Div. of Photogram. General Files under "Sp'l. Rep'ts"

41. Donation Land Claims and Section Lines:

Filed with map manuscript

Donation land claims and section lines were located on ozalid prints of the map manuscripts after the initial compilation had been completed. These lines, with pertinent explanatory notes, were placed on the prints in red and purple ink respectively, by the field party; and were then traced on the map manuscripts by the compilers. The ozalid prints containing these lines are being forwarded.

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:
January 6, 1947

J. Edward Deal Jr.
J. Edward Deal, Jr.
Photogrammetric Engineer

FIELD EDIT REPORT
QUADRANGLES T-8669 and T-8670
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 prints in colored ink, or the place where a correction or addition is to be made has been indicated by a note which refers to a 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 and are shown on the field edit prints. A legend on each of these prints will furnish a key to all the 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 accurate, also in regard to relative position.

Any omissions or drafting of detail that seemed to be questionable was called to the attention of the Compilation Office by notes. A few minor changes, additions and omissions were noted and corrected. The additional names and numbers of roads which were indicated were obtained from and checked against the official road signs. Some of these names were obtained from signs recently erected by Clark County.

All the shoreline features could not be checked because of the extreme high-water level brought about by an out of season flood. It is to be noted that the low land areas in the vicinity of Vancouver Lake become inundated when the sloughs, ponds, et cetera overflow during the annual freshets or out of season floods. For additional information refer to side headings 1 and 7 of the "Field Inspection Report, Area of the Fourth Radial Plot, Project CS-322".

In accordance with the field edit instructions, the map manuscripts were examined for completeness and accuracy in regard to geographic names, boundaries, public land lines, and detail by Mr. Bernard Morris, County Surveyor of Clark County, Vancouver, Washington. The geographic names in this area have been reviewed by Mr. Lewis A. McArthur, Collaborator for the U.S. Coast and Geodetic Survey.

48. Accuracy Tests:

No horizontal accuracy tests were run in this area. For map accuracy tests near the area of these map manuscripts refer to the field edit reports for Quadrangles T-8675 and for T-8679 to T-8681 inclusive.

49. Bench Mark Elevations:

No vertical control was recovered in T-8669 and only one bench mark was recovered and identified in T-8670. The elevation of this bench mark has been checked.

50. Donation Land Claims and Section Lines:

Donation land claims and section lines were located on additional ozalid prints of the map manuscripts by a special field party after the initial compilation had been completed. These lines were indicated in red and purple ink, respectively, and supplemented, if necessary, by explanatory notes. These additional ozalid prints will be submitted with the field edit sheets.

Field Edit reviewed by:

Charles Hanavich
Charles Hanavich,
Topographic Engineer

Field Edit by:

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

Approved by:

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

GEOGRAPHIC NAMES

Survey No.
T-8669 and T-8670

1 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	
On both sheets:										1
Washington										2
Clark County										3
Vancouver Lake										4
Bonneville Power Administration Transmission Line										5
Northwestern Electric Company Transmission Line										6
Washington No. 1 T										7
Northern Pacific										8
										9
										10
										11
T-8669:										12
Oregon										13
Multnomah County										14
Columbia River										15
Alumimum Company of America										16
Willamette Meridian										17
Buckmire Slough										18
Lower River Road										19
Shillapoo Lake										20
La Framboise Road										21
										22
										23
T-8670:										24
Vancouver										25
Burntbridge Creek (one word per U.S.B.G.N. decision)										26
U.S. 99 and US 830 also Washington No. 1										27

M 234

GEOGRAPHIC NAMES

Survey No.

T-8669-70

2

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	
T-8670 (continued):										1
Banks Road										2
Barnes Road										
Leverich Park										3
Washington Dept. of Highways				STATE HIGHWAYS DEPT						4
Lincoln School										5
La Framboise Road										6
Fruitvalley Road										7
Alki Road										8
Newhouse Road										9
South Road										10
Bonneville Power Administration District Office Building							J.D. Ross Sub-station			11
Cold Creek Canyon										12
Farm Market Road No. 11										13
Vancouver Junction										14
Pacific Tel & Tel										15
Anderson Road										16
Hazeldell School										17
Ludlum Road										18
O.F. Reid Road										19
County Cemetery										20
Farm Market Road No. 67										21
Evergreen Convalescent Home										
Farm Market Road No. 8										22
Stockford Road										23
Cougar Canyon										24
Lake Shore School										25
Heckman Road				Names underlined in red approved by L. Heck on 5/8/47						26
Subke Road										27

M 234

Division of Photogrammetry

Review Report of

Planimetric Map Manuscript T-8669

Subject numbers not used in this report have been adequately covered in other parts of the descriptive report.

28. Detailing.

Towers on the Bonneville Tower Administration Transmission lines were cut in on the map manuscript during review.

30. Mean High Water Line.

The indefinite shoreline of Vancouver Lake was shown by a thin broken line. This line has been changed to a thin, solid line, and it has been shown in purple ~~acid~~ ink in order to make it more readily apparent to the smooth draftsman.

41. Donation Land Claim and Section Lines.

Changes and additions on the map manuscript have been shown in brown ~~acid~~ ink and an ozalid indicating these changes is being submitted to the Portland Photogrammetric Office for approval.

letter 10 July 1947 attached hereto.

43. Comparison with Existing Hydrographic Surveys

H-71 20 1:10,000 1946
This survey falls entirely outside the Mean High Water Line.

44. Comparison with Existing Topographic Surveys

U.S.G.S. Hillsboro, Oregon-Washington 15' 1:62,500, 1940
U.S.E. Hillsboro, Oregon-Washington 15' 1:62,500, 1940
Planimetry in all common areas is superseded by T-8669.

45. Comparison with Nautical Charts

6154 1:40,000 1945

An adequate description of this comparison appears on the record sheet attached to this Descriptive Report. This map manuscript has not been applied to nautical charts.

Reviewed by:

Lena T. Stevens
Photogrammetrist
18 June 1947

Reviewed under direction of:

S. V. Griffith
Chief, Revier Section

APPROVED BY:

B Jones 12/47
Technical Assistant to the
Chief, Div. of Photogrammetry

K. T. Adams
Chief, Div. of Photogrammetry

Chief, Nautical Chart Br.
Division of Charts

C. K. Green
Chief, Div. of Coastal Surveys

Division of Photogrammetry

Review Report of

Planimetric Map Manuscript T-8670

Subject numbers not used in this report have been adequately covered in other parts of the descriptive report.

28. Detailing.

Towers on the Bonneville Power Administration Transmission Line were cut in on the map manuscript during review.

30. Mean High-Water Line.

A small portion of indefinite shoreline has been changed from a dashed line to a thin solid line. It has been shown in purple ~~acid~~ ink to make it more readily apparent to the smooth draftsman.

41. Donation Land Claim and Section Lines.

An ozalid print, upon which queries and proposed changes were made, is being sent to the Portland Photogrammetric Office for approval.

letter 18 July 1947 attached hereto.

44. Comparison with Existing Topographic Surveys.

U.S.G.S. Portland, Ore.-Wash. 15' 1:62,500 rep. 1940.
U.S.E. Portland, Ore-Wash. 15' 1:62,500 rep. 1940.

Planimetry in all common areas is superseded by T-8670.

45. Comparison with Nautical Charts.

6154	1:40,000	1945

The Record Sheet accompanying this descriptive report contains an adequate comparison.

This map manuscript has not been applied to Nautical Charts as of the date of this review report.

Reviewed by:

Lena T. Stevens
Lena T. Stevens
Photogrammetrist
3 July 1947

Reviewed under direction of:

S. V. Griffith
S. V. Griffith
Chief, Review Section

APPROVED BY:

B G Jones 12/47
Technical Assistant to the
Chief, Div. of Photogrammetry

K. T. Adams
Chief, Div. of Photogrammetry

H. Lauterbrunn
Chief, Nautical Chart Br.
Division of Charts

E. F. Green
Chief, Div. of Coastal Surveys

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:

FOR VICTORY BUY UNITED STATES WAR BONDS AND STAMPS

10 July 1947

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

From: Lt. Comdr. R. A. Earle

Subject: Review of Map Manuscript T-8669

The changes of the land lines in T-8669, recommended by the Washington Office, have been investigated and are, in general, accepted by this office. The movement of section lines was necessary for junction purposes with adjoining map manuscripts.

When the land lines were investigated in the field by this office it was found that it was impossible to reconcile the meanders shown on the G.L.O. plats with existing ponds, lakes, or river shorelines. Due to this fact and to the fact that meander lines on county and municipal maps are usually omitted, or drawn so as to end at a shore or pond line, it was decided to ignore these lines.

While we cannot disprove your position of the meanders, it is felt they do not agree with existing conditions and often, even though deeds give distances and directions, they also state a line is along the shoreline. As the positions of the shore or stream lines have changed a great deal in the last eighty years, it is strongly recommended that many of these lines be omitted. By placing them on the maps, we are accepting the results of very old and inaccurate surveys which are not always accepted by local interests.

See letter of Aug. 20, 1947 (filed in Descr. Rep't T-8665) re: S. Mathews claim

R. A. Earle
Chief of Party

Answer when time permits

RAE/gw

please see me about reply when transmitted to Wittman

Answered

KTA

78

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

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

FOR VICTORY BUY UNITED STATES WAR BONDS AND STAMPS

18 July 1947

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

Subject: Review of Map Manuscript T-8670

Reference: Your Letter, 78-aar, dated 11 July 1947

Questionable points relative to land lines on T-8670 have been investigated.

The changes in the A. Robie D.L.C. lines are accepted for the reasons stated in my letter of 10 July 1947, "Review of Map Manuscript T-8669."

While investigating the B. E. Marble D.L.C., it was found that the original deed donates $\frac{1}{2}$ section to Butler E. Marble and his wife Matilda Marble. Only a $\frac{1}{4}$-section had been indicated for this claim on the map manuscript which was in accordance with the map of the City of Vancouver, Washington. This claim has been indicated in green crayon on the ozalid print of T-8670 and excerpts from a copy of the original deed have been written in pencil on the reverse side of the print.

It is recommended that the George and John Tooley pre-emption claim and the Niels Henricksen bounty claim be deleted from the map manuscript and published map. They are not original donation land claims. Excerpts from the deeds for these claims have been written on the reverse side of the attached ozalid print.

R. A. Earle
Lt. Comdr., USC&GS
Chief of Party

RAE/gw

NAUTICAL CHARTS BRANCH

SURVEY NO. T8669, 8670.

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
5/25/48	6154	Riccgani	~~Before~~ After Verification and Review T.8669 Exam.-not applied.
22 Sept 48	6155	Nichols	~~Before~~ After Verification and Review
			T- 6669 completely applied.
			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.