8693
8694

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

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric, Air Photographic

Field No. T-8693 Office No. T-8694

LOCALITY

State OREGON

General locality Multnomah & Wash. Counties

Locality Garden Home & Glencullen Section, Southwest of Portland

194 6

CHIEF OF PARTY

R. A. Earle

LIBRARY & ARCHIVES

DATE December 3, 1947

B-1870-1 (1)

8693
8694

RECORD SHEET

Div. of Photogrammetry
Graphic Compilation Sect.

GENERAL LOCALITY Washington County, Oregon

LOCALITY Garden Home Section, SW of Portland

SHEET NO. T-8693

PROJECT NO. CS-322

SCALE 1:8000

PHOTOS ORDERED Aug. 1945 REC'D Sept. 1945

PROJECTION ORDERED Jan. 1946 REC'D Feb. 12-1946

Joins None Ck

Joins None Ck

Joins T-8694 Ck

Joins T-8699 Ck

CONTROL:
COMPUTED Harris VERIFIED Bunce

PLOTTED Bushnell VERIFIED Foster

PHOTO PREPARATION:
CONTROL Bushnell

AZIMUTHS Davidson

PASS POINTS Bunce
Foster

TEMPLETS Bushnell VERIFIED Harris

RADIAL PLOT: Deal
PLOTTED BY Harris DATE 7-12-46

VERIFIED Deal DATE 7-16-46

COMPILATION:
DETAIL POINTS Foster DATE 7-17-46 7-31 to

DETAIL BY Foster DATE 9-6-46

VERIFIED BY Barron DATE 9-23 to 10-11-46

DATE OF PHOTOS 513-516 Inc. 6-30-45
598-602 " 6-30-45
613-616 " 6-30-45

TIME OF PHOTOS 13:00, 14:05 and 14:45

STAGE OF TIDE There are no tidal waters within the limits of this map manuscript.

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

Due to scale difference only a visual comparison was made with the USGS Tualatin, Ore., 15 min. quadrangle. Scale: 1:62500. In general the map manuscript and quadrangle are in good agreement however, many new roads, buildings and other man-made changes have occured since the quadrangle was made. There are no nautical charts of the area.

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 Office DATE November 22, 1946

R. A. Earle, Chief of Party

M-2305-12

copy

Form T-1

DATA RECORD

T- 8693

Quadrangle (II): Garden Home, Washington Co., Oregon (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. Photogram. Office Files

Completed survey received in office: 11 Nov. 1946

Reported to Nautical Chart Section: –

Reviewed: 6 Mar. 1947 **Applied to chart No.** **Date:**

Redrafting Completed: 17 April, 1947

Registered: ~~14 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): WHITFORD, 1946

Lat.: 45° 28' 31.017" (957.6m) **Long.:** 122° 45' 58.376" (1268.0m) **Adjusted**
Unadjusted X

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.A.

copy ck. gkc

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
513 to 516 Inc.	6-30-45	13:00	1:17000 contact 1: 8000 ratio	There are no tidal waters within the limits of this map manuscript.
598 to 602 "	"	14:05	"	
613 to 616 "	"	14:45	"	

Tide from (III): None

Mean Range: **Spring Range:**

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

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

Field Edit by: J. C. LaJoye, Prin. Photo Aid **date:** Oct. 1946

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

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

" " " **checked by:** Washington Office **date:** Feb. 1946

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

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

Radial Plot by: James L. Harris and J. E. Deal **date:** 7-16-46

Detailed by: Richard Foster **date:** 9-6-46

Reviewed in compilation office by: Ree H. Barron **date:** 10-11-46

Corrections and changes after field edit by: Ree H. Barron date: 11-19-46

Review after changes due to field edit by: J. E. Deal date: 11-21-46

Elevations on Field Edit Sheet

checked by: Charles Hanavich, Photo. Engineer **date:** 11-1-46

STATISTICS (III)

Land Area (Sq. Statute Miles): 8.4

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

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

Number of Recoverable Topographic Stations established: 7
(6 section corners and 1 U.S.G.S. Primary Traverse Station)

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: March, 1946
Recovery of Horizontal Control by: F.H. Elrod, Prin. Photo Aid Date: Sept. 1945
Recovery of Vertical Control by: F.H. Elrod, Prin. Photo. Aid Date: Sept. 1945
Investigation of Geographic Names & Civil Boundaries by: Lee E. Ervast, Photo Aid Date: March, April, 1946

RECORD SHEET

Div. of Photogrammetry
Graphic Compilation Sect.

GENERAL LOCALITY Multnomah, County, Oregon

LOCALITY Glencullen Section, SW of Portland

SHEET NO. T-8694

PROJECT NO. CS-322

SCALE 1:8000

PHOTOS ORDERED Aug. 1945 REC'D Sept. 1945

PROJECTION ORDERED Jan. 1946 REC'D Feb. 12, 1946

Joins T-8686 Ck ✓

Joins T-8693 Ck ✓

Joins T-8695 Ck ✓

Joins T-8700 Ck ✓

CONTROL:
COMPUTED Bunce VERIFIED Harris

PLOTTED Bushnell VERIFIED Foster

PHOTO PREPARATION:
CONTROL Bunce

AZIMUTHS Davidson

PASS POINTS Foster

TEMPLETS Bunce VERIFIED Harris

DATE OF PHOTOS 487 - 491 Inc. 6-30-45
652 - 656 Inc. 7-1-45

RADIAL PLOT: Harris
PLOTTED BY Deal DATE 7-12-46

VERIFIED Harris DATE 7-16-46

TIME OF PHOTOS 12:00 & 10:15

COMPILATION:
DETAIL POINTS Bunce DATE 7-19 to 7-30-46

DETAIL BY Turner DATE 7-30 to 9-26-46

VERIFIED BY Davidson DATE Oct. 17, 1946

STAGE OF TIDE There are no tidal waters within the limits of this map manuscript.

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

Due to scale difference only a visual comparison was made with the USGS Oregon City, Ore., 15 min. quadrangle, Scale: 1:62500. In general the quadrangle and map manuscript are in agreement, however, many new roads, buildings and other man made features have occured since the quadrangle was made. There are no nautical charts of the area.

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 November 22, 1946

R. A. Earle, Chief of Party

M-2305-12

Copy Ch.

Form T-1

DATA RECORD

T- 8694

Quadrangle (II): Glencullen Section S.W. of Portland (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 **Copy filed in Descriptive Report No. T- (VI)**
Supplemental Instructions: Aug. 29, Sept. 10, Oct. 25, Nov. 30, and Dec. 6, 1945

Completed survey received in office: 11 Nov. 1947

Reported to Nautical Chart Section: –

Reviewed: 6 May. 1947 **Applied to chart No.** **Date:**

Redrafting Completed: 3 June, 1947

Registered: ~~14 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): MULTNOMAH CYLINDRICAL WATER TANK, OREGON, 1935

Lat.: 45° 28' 45.988" (1419.7m) **Long.:** 122° 42' 56.724" (1232.0m) **Adjusted** X **Unadjusted**

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.A.

copy ck

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
487 to 491 Inc.	6-30-45	12:00	1:17000 contact 1: 8000 ratio	There are no tidal waters within the limits of this map manuscript.
652 to 656 "	7-1-45	10:15	"	

Tide from (III): None

Mean Range: **Spring Range:**

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

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

Field Edit by: J. C. LaJoye, Prin. Photo Aid **date:** Oct.,Nov., 1946

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

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

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

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

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

Radial Plot by: James L. Harris & J. E. Deal **date:** July, 16, 1946

Detailed by: A. C. Turner, Jr. **date:** Sept., 26, 1946

Reviewed in compilation office by: Roy Davidson **date:** Oct. 17, 1946
Corrections and Changes after field edit by: A.C. Turner, Jr. date: Nov. 18, 1946
Review after changes due to field edit by: Ree H. Barron date: Nov. 20, 1946
Elevations on Field Edit Sheet
checked by: Charles Hanavich, Topo. Engineer **date:** Nov., 1946

STATISTICS (III)

Land Area (Sq. Statute Miles): 8.4

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

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

Number of Recoverable Topographic Stations established: 4
(3 section corners and 1 city boundary monument)

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: Feb.,March, 1946
Recovery of Horizontal Control by:F. H. Elrod, Prin. Photo. Aid Date: Sept. 1945
Recovery of Vertical Control by: F.H. Elrod, Prin. Photo. Aid Date: Sept. 1945
Investigation of Geographic
Names and Civil Boundaries by: L. E. Ervast, Photo. Aid Date: April, 1946

FIELD INSPECTION REPORT

QUADRANGLES T-8693 and T-8694

PROJECT CS-322

1 to 25: Except for the supplemental data listed below under side heading 17 and for side headings numbered 7, 8, 9, 10, 11, 12, and 13, which are inapplicable, all information applicable to these side headings is given in the "Field Inspection Report, Project CS-322, Area of the Second Radial Plot". This report was enclosed with the Descriptive Report for Quadrangles T-8674 and T-8675, which has been submitted.

17. Boundary Monuments and Lines:

In addition to the Donation Land Claims in the area of these map manuscripts, other claims, i. e. Land Claims, have been compiled on the map manuscripts. 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. These 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
Topographic Engineer

T-8693 △ Whitford, 1946 (G.P. p. 895)

T-8694 △ Council Crest standpipe, 1946, (G.P. p. 896)

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 MANUSCRIPTS T-8693 and T-8694

PROJECT CS-322

26. Control:

At the time the radial plot was run there were seven existing horizontal control stations in the area of these two map manuscripts. Four of these stations were recovered and three were identified.

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 Second Radial Plot". This report is included with the descriptive report for map manuscripts numbers T-8674 and T-8675, which was forwarded on 11 October, 1946.
Filed in Div. of Photogram. General Files under "Sp'l. Rep'ts."

A complete tabulation of supplemental horizontal control stations established in this area is attached to a special report, "Third-Order Triangulation and Traverse, Project CS-322, Area of the Second Radial Plot", which has been forwarded.
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, Second Radial Plot, Project CS-322". This radial plot report was included with the descriptive report for map manuscripts numbered T-8674 and T-8675, which was submitted to the Washington Office on 11 October, 1946.
Filed in Div. of Photogram. General Files under "Sp'l. Rep'ts."

28. Detailing:

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

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 descrepancy 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 mnauscripts.

29. Supplemental Data:

The following map, which will be forwarded when adjacent map manuscripts are field edited and corrected, was used to supplement the photographs:

Washington County, Rural Delivery Routes Scale: 1" = 1 mile Project Files

The following maps or plans which were also used, were forwarded to the Washington Office on 7 November, 1946, with the special report "Investigation of Boundary Monuments and Lines, Area of the Second Radial Plot":

Multnomah County Assessor's Sheets No'd. 18 & 19 of a set of 74 sheets, Scale: 1" = 600'
Map of the City of Portland Scale: 1" = 1500' (approx.)
Project Files

30. to 35.

These paragraphs are not applicable to these two map manuscripts.

36. Landing Fields and Aeronautical Aids:

Copies of Form 567 are being submitted recommending the charting as an aeronautical aid of the standpipe at Council Crest Park. It is the triangulation station COUNCIL CREST STANDPIPE, 1946. (T-8694)

37. Geographic Names: 814

Only undisputed geographic names are shown on the map manuscripts.

Geographic Names are the subject of the special report, "Investigation of Geographic Names, Project CS-322, Area of the Second Radial Plot", which was submitted to the Washington Office on 22 October, 1946.
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-8693:

PTS 70, ORE. B, 1913, (USGS) 1946 (W. of map area)
T 1S R 1W Section Corner 15, 16, 21, 22, 1946 (W. of map area)
T 1S R 1W Section Corner 13, 14, 23, 24, 1946

T-8693
11 recovered (5 are W. of map-area)
6 plotted

T-8694
8 recovered
7 plotted

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

T 1S R 1W Section Corner 22, 23, 26, 27, 1946
T 1S R 1W Section Corner 21, 22, 27, 28, 1946 (N. of map-area)
T 1S R 1W Section Corner 23, 24, 25, 26, 1946
T 1S R 1W Section Corner 1, 2, 11, 12, 1946 (N. of map-area)

In the area of Map Manuscript No. T-8694:

CITY BOUNDARY MONUMENT (offset at S.W. city limits), 1946
WILLAMETTE MERIDIAN, T 1S R 1W & 1E Section Corner, 19, 24, 25, 30, 1946
T 1S R 1E Section Corner 16, 17, 20, 21, 1946
T 1S R 1E Section Corner 17, 18, 19, 20, 1946

39. Junctions:

Complete and satisfactory junctions have been made between Map Manuscripts No's. T-8693 and T-8694, and with adjoining map manuscripts.

40. Bench Marks:

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

41. Donation Land Claims and Section Lines:

Filed with map manuscript

Donation land claims and section lines were located on an ozalid print of the map manuscript No. T-8694 after the initial compilation had been completed. These lines, with pertinent explanatory notes, were placed on the print in red and purple ink respectively, by the field party; and were then traced on the map manuscript by the compiler. The ozalid print containing these lines is being forwarded. Donation land claim lines and section lines shown on map manuscript No. T-8693 were detailed as shown on the contact photographs by this field inspection unit.

44. Comparison with Existing Topographic Surveys:

See record sheet which accompanies each map manuscript.

45. Comparison with Nautical Charts:

There are no nautical charts covering the area of these two map manuscripts.

Approved and forwarded:

Robert A. Earle

Robert A. Earle
Chief of Party

Respectfully submitted:
November 20, 1946

J. Edward Deal Jr.

J. Edward Deal, Jr.
Photogrammetric Engineer

FIELD EDIT REPORT

QUADRANGLES T-8693 and T-8694

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 drafting of detail that seemed to be questionable was called to the attention of the Compilation Office by notes. Several large buildings and roads, which were recently constructed, were located by plane-table methods on field photographs. Several roads in this area, which were indicated by the field inspector as under construction, are still in the construction stage; these roads have been "bull-dozed" out and at the time of the field edit no construction work was in progress on them. The additional names and numbers of roads which were indicated on the prints were obtained from and checked against the official road signs.

It is to be noted that new changes and additions are to be expected in the future in this area because of contemplated subdivisions with new street layouts and buildings.

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. R. C. Doty, City Recorder and Treasurer, Beaverton, Oregon.

The geographic names in this vicinity have been reviewed by Mr. Lewis A. McArthur, Collaborator for the U.S. Coast & Geodetic Survey.

48. Accuracy Tests:

No horizontal accuracy tests were run in this area; however, for map accuracy tests adjacent to the area of these map manuscripts refer to the field edit reports for T-8699 and T-8700.

These maps are believed to comply with the standard map accuracy requirements.

49. Bench Mark Elevations:

The elevations of the bench marks shown on these sheets have been checked.

50. Donation Land Claims and Section Lines:

In T-8694, Donation Land Claims, Land Claims, and section lines were located on an additional ozalid print of the map manuscript, 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. This additional ozalid print will be submitted with the field edit sheet. In T-8693, this phase of the work had been indicated on field photographs, prior to the compilation.

Field Edit reviewed by:

Charles Hanavich
Charles Hanavich
Topographic Engr.

Field Edit by:

J. C. LaJoye
J. C. LaJoye
Prin. Photo. Aid

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

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

T-8694
Project CS-322
(Aeronautical)

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

Portland, Oregon November 19, 1946

I recommend that the following objects which have (*have not*) been inspected from seaward to determine their value as landmarks, be charted on (~~*deleted from*~~) the charts indicated.

The positions given have been checked after listing by J. E. Deal

R. A. Earle *Chief of Party.*

STATE OREGON

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE ° ′	LATITUDE D.M. METERS	LONGITUDE ° ′	LONGITUDE D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
STAND-PIPE	Triangulation Station "COUNCIL CREST STANDPIPE, 1946"	STAND-PIPE	45 29	(97.6) 1754.8	122 42	(754.1) 548.6	N.A. 1927	Triangulation	1946				N-1

NOTE: Above geographic position is an unadjusted field computation.

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for all charts of the area and not by individual field survey sheets. Information under each column heading should be given.

Division of Photogrammetry

Review Report of

Planimetric Survey T-8693

Subject headings and numbers refer to the same subjects in the descriptive report. Those not used in this review report are adequately covered in other parts of the descriptive report.

41. Land Lines:

The General Land Office plats covering this township (T1S:R1W) were unusually in formative: one gave measurements and angles for the section lines; the other gave detailed measurements of land claim lines in relation to section lines.

There follows a list of changes in land lines which are recommended but which should be verified by the Portland Office. These recommended changes have been arrived at from a study of the recovered corners on this and adjacent manuscripts and a study of the land plats. The following changes will bring the mapped land lines into exact agreement with the Land Office plats

Accepted, except as noted below, & in attached letter.

A. Donation Land Claims:

1. P. J. Nikums: southern boundary moved 1.85 chains north of 1/4 sect. line.

2. S. A. Stoti: eastern boundary moved eastward.

3. T. H. Denny: N-W corner moved eastward.

4. A. Hart: S-W corner moved eastward and the eastern boundary moved eastward.

5. S. Grinstead: southern limit moved northward.

6. J. Gault: eastern limit moved eastward.

7. A. Richards: eastern limit moved eastward.

8. J. Davies: eastern limit moved eastward.

9. The names McKay and D. C. Oraham were added to the map manuscript.

B. Section Lines:

1. The E-W line between sections 10 and 15 was moved southward. Accepted in part. This section line is not a straight line.

2. The N-S line between sections 10 and 15 was moved westward.

3. The N-S line between sections 25 and 26 was moved eastward. (This change should not be permanently drafted on the manuscript until T-8699 is available for junction.) ok

44. Comparison with Existing Quadrangle Maps: (See Record Sheet)

Tualatin, U.S.E. 1:62,500 1938-1939

No thorough check was made of names, but it was noted that:

1. "Raleigh" on the Quad. is "Raleigh Hills" on the map manuscript. retained

2. "Gobel School" on the Quad. is "Gable Country Day School" on the map manuscript. retained

45. Comparison with Nautical Charts and Hydrographic Surveys:

This area falls outside the limits of nautical charts and there are no hydrographic surveys of the area.

Reviewed by:

Lena T. Stevens
Lena T. Stevens
Photogrammetrist

Reviewed under direction of:

Harold R. Brooks
Harold R. Brooks
Photogrammetrist

Approved:

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

APPROVED BY:

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

Chief, Nautical Chart Branch
Division of Charts

K.T. Adams
Chief, Div. of Photogrammetry

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

Division of Photogrammetry

Review Report of

Planimetric Survey Manuscript No. T-8694

Paragraph numbers used in this report refer to paragraph numbers in the descriptive report.

28. Detailing.

The detailing of the map manuscript was considered good with the exception of the junctions with the adjacent surveys, particularly sheet T-8695. Junction errors were limited to woodland boundaries. All other detail such as roads and streams were in order.

41. Donation Land Claims and Section Lines.

The north boundary of the J. A. Miles claim was moved north to agree with the measurements given on the General Land Office plats. This was in agreement with the boundary line on the adjacent manuscript, T-8693.

Most of the donation land claims bordering on the west side of the Willamette Meridian have been shown as land claims instead of donation land claims as indicated on the General Land Office plats.

The General Land Office plats show 13 land claims which are not shown on the map manuscript. The approximate positions of these land claims are shown on a separate ozalid print, as are all other questionable items, which will be forwarded to Portland for clarification.

see letter 22 May 1947 attached hereto

The Special Report On Boundary Monuments for the Area of the Second Radial Plot states that section corner 20-21-28-29 is a recovered nomumented corner. No recovery card is available and the corner has not been located on the photograph referred to, or any other photograph. The corner should be reclassified as unrecovered.

44. Comparison with Existing Topographic Surveys.

Oregon City, Oreg., USGS, 1:62,500, 1911-12
Oregon City, Oreg., USE, 1:62,500 1938-39

The more recent U.S.E. quadrangle is in good agreement with the map manuscript. Refer to Record Sheet for additional comparisons.

45. Comparison with Nautical Charts.

There are no nautical charts or any other previous surveys by the Bureau in the area of the map manuscript.

Reviewed by:

K. N. Maki 5/6/47
Photogrammetrist

Reviewed under direction of:

S. V. Griffith
Chief, Div. of Photogrammetry

APPROVED BY:

B.G. Jones 11/47
Technical Assistant to the Chief, Div. of Photogrammetry

Chief, Nautical Chart Branch
Division of Charts

K.T. Adams
Chief, Div. of Photogrammetry

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

GEOGRAPHIC NAMES

Survey No. T-8693 & T-8694

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	
Both sheets:										1
										2
Oregon	✓									3
Washington County	✓									4
State No. 210	✓									5
Scholls Ferry Road	✓	(not Sholls as on manuscript T-8694)								6
Oregon No. 10, Hillsdale-Beaverton Highway	✓									7
Portland Hunt Club	✓	(track only on T-8694)								8
Garden Home	✓									9
Raleigh Hills	✓									10
T-8694:										11
Multnomah County	✓									12
Portland										13
Irving Park	✓									14
Multnomah	✓									15
West Portland	✓									16
Maplewood	✓									17
Glencullen	✓	(not Fairvale)								18
Hillsdale	✓									19
Green Hills	✓									20
Council Crest	✓									21
Council Crest Park	✓									22
U.S. 99W Pacific Highway West	✓									23
~~Garden Home Road~~ see #3										24
SW Taylors Ferry Road	✓	(also on T-8693)								25
SW Shattuck Road	✓									26
SW Dosch Road	✓									27

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GEOGRAPHIC NAMES

Survey No. T-8693 and T-8694

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	
SW Patton Road ✓										1
Willamette Meridian ✓										2
Alpine Rose Dairy ✓	Alpenrose Dairy (Tel. Book)									3
West Portland School ✓										4
SW Capitol Highway ✓	(see page 3 for additional names on T-8694)									5
T-8693:										6
Nicol Riding Academy										7
Portland Golf Club										8
Tualatin Valley Highway										9
Oregon 2 and 6										10
Oregon 217										11
SW Canyon Road										12
Beaverton										13
Jamieson Road										14
Nesmith										15
Progress										16
Fanno										17
Southern Pacific R.R.										18
Gable Country Day School										19
Shadel Sanitarium										20
McKay School										21
Northwestern Christian Home for the Aged										22
Greenburg Road										23
SW Taylors Ferry Road										24
Garden Home School										25
Raleigh School										26
Fanno Creek										27

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GEOGRAPHIC NAMES

Survey No. T-8693 & T-8694

3

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-8693 (continued) F										1
✓ Rex Road										2
✓ Hillsdale Dairy										3
✓ Free Methodist Camp Grounds										4
✓ Metzger										5
West Slope										6
										7
On both sheets:										8
✓ SW Garden Home Road										9
										10
										11
										12
T-8694 (continued from page 2)										13
✓ West Portland Evangelical Church										14
✓ Tryon Creek										15
✓ St. Luke Lutheran Church										16
✓ Church of Christ										17
X Multnomah Community Church										18
✓ Maplewood School										19
✓ Silver Hill Dairy Barns										20
X Cherry Telephone Exchange										21
✓ Fanno Creek										22
										23
										24
										25
										26
										27

Names underlined in red approved by L. Heck 4/22/47

M 234

KTA
~~711~~
78 sw.

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:

7 May 1947

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

From: Lt. Comdr. R. A. Earle

Subject: Review of T-8689 and T-8693

Reference: Your Letter, 711-RCR, dated 23 April 1947

Investigation of land lines on sheet T-8693 reveals that the field unit obtained information on the position of these land lines from the Washington County Engineers Office at Hillsboro, Oregon. The lines as originally shown on the map manuscript agree with this data.

Further investigation by Mr. Deal, reveals that maps, deeds and records in this county were not tied-in by any established survey and therefore cannot be guaranteed correct. The claims in this county were often placed on maps in accordance with local knowledge, therefore, it is felt that our original lines can be disregarded, and the location of the lines, as adjusted from G.L.O. Plats, can be accepted. In accordance therewith, all changes, recommended by the review section and shown on the ozalid prints, are accepted, except for the east line of Section 26, which should be retained as located on the map manuscript. Various comments on the different lines are shown on the ozalid print in purple ink.

↳ Find no data giving evidence of field unit recovery of 26/25, 35/36, which is the point deciding direction of line mentioned. All other information indicates original ms. line was in error. (LTS)

In Section A-9 of the review report it is stated that the names of McKay and D. C. Graham were added to the map manuscript. These names are not shown on the ozalid print but if they were added to the map manuscript the letters "L.C." should follow them as they are sub-divisions of original land claims. These land claims (pre-emption timber and mineral) were shown on this manuscript, however, they are not really needed as none of the original deeds refer to a land claim. In Multnomah County you have probably noted that sub-divisions of claims are not shown, and when added in the Washington Office, we have recommended their deletion. This is occasioned by the fact that City and Multnomah County Engineers have been most emphatic on the point that original donation land claims and the section lines are all that should be shown. They state that all records and deeds refer to original donation land claims, and in a few cases section lines, and nothing else.

~~Grif Please make this part of the boundary report.~~
~~BAJ~~

R A Earle
R. A. Earle
Chief of Party

RAE/gw File in descriptive report
SW.

KTA
711
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:

22 May 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-8694

Reference: Your Letter, 78-RCR, dated 12 May 1947

In reply to the above reference, the claims which the reviewers added to the map manuscript, were not shown on the G.L.O. plats furnished this office nor are they on file in the Multnomah County Office. These claims are believed to be legal sub-divisions or homestead claims and they should not be shown on the map manuscript. As stated in previous correspondence, Multnomah County Officials request that only original D.L.C.'s be shown. All other types of claims have no bearing on original surveys. Other claims have generally been shown in Washington and Clackamas Counties, Oregon, and Clark County, Washington, not because they are part of the land system, but because County Engineers requested their inclusion if possible.

The movement of the west line of the E. Nelson tract has been verified in this office. Your attention is called to the fact that the land claim lying west of the E. Nelson tract is spelled J. D. Richerson on some documents, however, on the original deed it is spelled John D. Richason. This was discovered while investigating the west line of the Nelson tract.

Section Corner 20-21-28-29 was not recovered. The notation in the boundary report that it was recovered is definitely a typographic error.

Other items which were questioned have been investigated, and the information desired by the Washington Office is shown, with notes in green crayon pencil, on the ozalid print.

The two ozalid prints which you forwarded are returned herewith.

R A Earle
R. A. Earle
Chief of Party

RAE/gw