**DESCRIPTIVE REPORT**

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Planimetric, Air Photographic</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-8693</td>
<td>T-8694</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Field No.</th>
<th>Office No.</th>
</tr>
</thead>
</table>

**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
RECORD SHEET

GENERAL LOCALITY...Washington County, Oregon
LOCALITY...Garden Home Section, SW of Portland

PHOTOS ORDERED Aug. 1945...REC'D Sept. 1945
PROJECTION ORDERED Jan. 1946...REC'D Feb. 12-1946

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
DETAIL BY...Foster...DATE 7-31 to
9-6-46
VERIFIED BY...Barron...DATE 9-22 to
10-11-46

DATE OF PHOTOS: 513-515 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,
Coe., 15 min. quadrangle. Scale: 1:62500. In general the map manuscript and quad-
rangle are in good agreement however, many new roads, buildings and other man-made
changes have occurred 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
DATA RECORD
T- 8693

Oregon (3 minute)

Field Office: Portland, Oregon 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

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: 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):

\[ X = \quad Y = \]

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)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
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</thead>
<tbody>
<tr>
<td>513 to 516 Inc.</td>
<td>6-30-45</td>
<td>13:00</td>
<td>1:17000 contact</td>
<td>There are no tidal waters within the limits of this map manuscript.</td>
</tr>
<tr>
<td>598 to 602 &quot;   &quot;</td>
<td>&quot;</td>
<td>14:05</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>613 to 616 &quot;   &quot;</td>
<td>&quot;</td>
<td>14:45</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
</tbody>
</table>

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
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
"   "   " checked by: Washington Office
Date: Feb. 1946
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
Corrections and changes after field edit by: Ree H. Barron
Review after changes due to field edit by: J. E. Deal
Elevations on Field Edit Sheet checked by: Charles Hanavich, Photo. Engineer
Date: 10-11-46
Date: 11-19-46
Date: 11-21-46
Date: 11-1-46
STATISTICS (III)

Land Area (Sq. Statute Miles): 3.4

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

Date: March, 1946
Date: Sept. 1945
Date: Sept. 1945
Date: March, April, 1946
RECORD SHEET

GENERAL LOCALITY: Multnomah, County, Oregon
LOCALITY: Glencullen Section, SW of Portland

PHOTOS ORDERED: Aug. 1945...REO'D Sept. 1945
PROJECTION ORDERED: Jan. 1946...REO'D Feb. 12, 1946

CONTROL:
COMPUTED: Bunce...VERIFIED: Harris
PLOTTED: Bushnell...VERIFIED: Foster

PHOTO PREPARATION:
CONTROL: Bunce
AZIMUTHS: Davidson
PASS POINTS: Foster

TEMPLATES: Bunce...VERIFIED: Harris

RADIAL PLOT: Harris
PLOTTED BY: Deal...DATE: 7-12-46
VERIFIED: Harris...DATE: 7-16-46

COMPILATION:
DETAIL POINTS: Bunce...DATE: 7-19 to 7-30-46
DETAIL BY: Turner...DATE: 9-26-46
VERIFIED BY: Davidson...DATE: Oct. 17, 1946

DATE OF PHOTOS: 6-30-45
TIME OF PHOTOS: 12:00 & 10:15

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, One..15 min. quadrangle. Scale: 1:62,500. In general the quadrangle and map manuscript are in agreement, however, many new roads, buildings and other man made features have occurred 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
DATA RECORD

T- 8694

Quadrangle (II): Glencullen Section S.W. of Portland (3 minute)

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

Completed survey received in office: 11 Nov. 1947

Reported to Nautical Chart Section:

Reviewed: 6 May, 1947

Redrafting Completed: 3 June, 1947

Registered: 1 Dec, 1947

Published: 1947

Compilation Scale: 1:3000
Published Scale: 1:9600

Scale Factor (III): None

Geographic Datum (III): M.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.L. = 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)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
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<td>487 to 491 Inc.</td>
<td>6-30-45</td>
<td>12:00</td>
<td>1:17000 contact</td>
<td>There are no tidal waters within the limits of this map manuscript.</td>
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<tr>
<td>652 to 656 &quot;</td>
<td>7-1-45</td>
<td>10:15</td>
<td>1:8000 ratio</td>
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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: Oct., Nov., 1946

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): 3.4

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
LIVE INSTRUCTION REPORT
AGENCIES T-3783 and T-4883
RECORD OF T-388

SUBJECT: EXCEPT for the supplementary facts issuing from under the
status of the proposed land claim in the State of Oregon.

1. In regard to the Proposition Land Claim in the State of Oregon,
and to the furtherance of the project, I have the privilege of
the report made on the map of the proposition.

Council Crest, Standpipe, T-5694 (S.P. 326)
Whitford, T-346 (S.P. 345)

Your truly,

[Signature]
[Title]
Office of the

Additional information:

[Additional notes or comments]
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:

A. Special Reports.
   1. Investigation of Boundary Monuments and Land Lines for Radial Plots 1, 2, 3, and 4
   2. Radial Plots 1, 2, 3, and 4
   3. Legal descriptions of boundaries
   4. Field inspection for plots 1, 2, 3, and 4

B. Computations: Triangulation and Traverse

C. Field records:
   1. Horizontal angles (form 250) 12 vol.
   2. Traverse measurements (form 350) 9 vol.
   3. Descriptions (form 525) and recoveries (form 526)
   4. Pricking cards (form M-982-1) for tri. and Trav.
   5. Recoverable Topographic stations (form 524)

D. Recovery of bench marks (form 685)

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-3693 and T-3694

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-3674 and T-3675, which was forwarded on 11 October, 1946.

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.

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-3674 and T-3675, which was submitted to the Washington Office on 11 October, 1946.

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 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 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

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. 13 & 19 of a set of 74 sheets, Scale: 1" = 600', Map of the City of Portland Scale: 1" = 1500' (approx.)*

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:**

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.

38. **Recoverable Topographic Stations:**

Copies of Forms 524 are being submitted for the following:

In the area of Map Manuscript No. T-8693:

*PWS 70, ORE. B, 1913, (USGS) 1946 (1% of map area)*

*T 15 R 1W Section Corner 15, 16, 21, 22, 1946 (1% of map area)*

*T 15 R 1W Section Corner 13, 14, 23, 24, 1946*

Area of the Second Radial Plot

Filed in Div. of Photogram General Files under "Sp. Rep.pts.)"
T 18 R 1W Section Corner 22, 23, 26, 27, 1946
T 18 R 1W Section Corner 21, 22, 27, 28, 1946 (W. I. of map-area)
T 18 R 1W Section Corner 23, 24, 25, 26, 1946
T 18 R 1W Section Corner 1, 2, 11, 12, 1946 (N. I. of map-area)

In the area of Map Manuscript No. T-3694:
- CITY BOUNDARY MONUMENT (offset at S.W. city limits), 1946
- WILLAMETTE MERIDIAN, T 18 R 1W & 1E Section Corner, 19, 24, 25, 30, 1946
- T 18 R 1E Section Corner 16, 17, 20, 21, 1946
- T 18 R 1E Section Corner 17, 18, 19, 20, 1946

39. Junctions:
Complete and satisfactory junctions have been made between Map Manuscripts No. T-3693 and T-3694, 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 nearby.

41. Donation Land Claims and Section Lines:
Donation land claims and section lines were located on an ozalid print of the map manuscript No. T-3694 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-3693 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
Chief of Party

Respectfully submitted:

J. Edward Deal, Jr.
Photogrammetric Engineer

November 20, 1946
FIELD EDIT REPORT
QUADRANGLES T-8693 and T-8694
PROJECT 0S-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
Topographic Engr.

Field Edit by:

J. C. LeJoye
Prin. Photo. Aid

Approved by:

R. A. Earle
Chief of Party
NOTE: Above Geodetic position is an unadjusted total computation.

The positions given have been checked after being corrected on the charts. The charts indicate that the following objects which have been inspected from seaward to determine their value as landmarks, be

Department of Commerce
U.S. Coast and Geodetic Survey
Project 52-32
May 1914

Non-Positioning Aids or Landmarks for Charts
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.

A. Donation Land Claims:


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


5. S. Grinstead: southern limit moved northward.


7. A. Richards: eastern limit moved eastward.

8. J. Davies: eastern limit moved eastward.

9. The names McKay and D. C. Graham 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.)

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.

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

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: Reviewed under direction of:

Lena T. Stevens Harold R. Brooks
Photogrammetrist Photogrammetrist

Approved:

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

Chief, Div. of Coastal Surveys
Division of Photogrammetry

Review Report of

Planimetric Survey Manuscript No. T-3694

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


The detailing of the map manuscript was considered good with the exception of the junctions with the adjacent surveys, particularly sheet T-3695. 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-3693.

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.

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 unmonumented 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: Reviewed under direction of:

K. N. Maki 5/6/47 S. V. Griffith
Photogrammetrist Chief, Div. of Photogrammetry

APPROVED BY:

Technical Assistant to the Chief, Div. of Photogrammetry

Chief, Nautical Chart Branch Division of Charts

Chief, Div. of Photogrammetry Chief, Div. of Coastal Surveys
<table>
<thead>
<tr>
<th>Name on Survey</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>K</th>
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Names underlined in red are crossed off by L. Heck on 4/2/47.
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
c/o Swan Island Postal Station
Portland 18, Oregon

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-ROCR, 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.

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 "I.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.

R. A. Earle
Chief of "arty

RAE/gw File in descriptive report
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
c/o Swan Island Postal Station
Portland 28, Oregon

22 May 1947

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:
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.I.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.I.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
Chief of Party

RAE/gw