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

CHIEF OF PARTY

R. A. Earle

LIBRARY & ARCHIVES

DATE: December 3, 1947
RECORD SHEET

GENERAL LOCALITY...Washington County, Oregon
LOCALITY...Garden Home Section, SW1/4 of Portland

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

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

PHOTO PREPARATION:
CONTROL...Bushnell
AZIMUTHS...Davidson
PASS POINTS...Bunce
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 8-1 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, 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 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

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

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-N.T. (VI)

Photogram Office Files

Completed survey received in office: 11 Nov. 1946

Reported to Nautical Chart Section:

Reviewed: 6 Mar. 1947

Applied to chart No. Data:

Redrafting Completed: 17 April 1947

Registered: 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° 26' 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.
### PHOTOGRAPIES (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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<tbody>
<tr>
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<td>There are no tidal waters within the limits of this map manuscript.</td>
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<tr>
<td>598 to 602</td>
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<td>14:05</td>
<td>1:8000 ratio</td>
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<tr>
<td>613 to 616</td>
<td>&quot;</td>
<td>14:45</td>
<td>&quot;</td>
<td>&quot;</td>
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</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 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: Re6 H. Barron date: 10-11-46

Corrections and changes after field edit by: Re6 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): 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
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
Investigation of Geographic
Land & Civil Boundaries by: Lee E. Ervast, Photo Aid
Date: March, April, 1946
RECORD SHEET

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

PHOTOS ORDERED: Aug. 1945 REC'D Sept. 1945
PROJECTION ORDERED: Jan. 1946 REC'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: 7-30-46
7-30 to
DETAIL BY: Turner DATE: 9-26-46
VERIFIED BY: Davidson DATE: Oct. 17, 1946

487 - 491 Inc.
DATE OF PHOTOS: 6-30-45
652 - 656 Inc. 7-1-45
TIME OF PHOTOS: 12:00 & 10:15

STAGE OF TIDE: There are no tidal

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: 1:62500. In general the quadrangle and map man-
features have occurred since the quadrangle was made. There are no nautical charts

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


Instructions dated (II III): July 12, 1945 Report No. T- (VI)
Supplemental Instructions: Aug. 29, Sept. 10, Report No. T-
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: 1947 Published: 1947

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

Scale Factor (III): None

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

Reference Station (III): MULTINOMAH CYLINDRICAL WATER TANK, OREGON, 1935

Lat.: 45° 28' 45.968" (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)

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<th>Number</th>
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<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>
</tr>
<tr>
<td>652 to 656</td>
<td>7-1-45</td>
<td>10:15</td>
<td>1: 8000 ratio</td>
<td></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., Nov., 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 & 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
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 and Civil Boundaries by: L. E. Ervast, Photo. Aid

Date: Feb.,March, 1946
Date: Sept. 1945
Date: Sept. 1945
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 appli-
cable to these side headings is given in the "Field In-
spection 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: Respectfully submitted:

R. A. Earle Charles Hanavich
Chief of Party

Topographic Engineer
Committee on the Map Amendment Report

Chairman C. E. C. and T. B. G. E.

Page 2 or 2:

In re:\n
1. The amendment to the map amendment act passed on the floor of the House of Representatives.

2. Whitford, 1446 (9th P. 845).

T-8680 C. Council Crest Standpipe, 1946 (9th P. 841).

These errors have been corrected, and the map amendment act is now in the hands of the committee.

Rejection Report:

Signature of Rejection:

T. E. Y. C. Chairman of the Board

Approval:

Signature of Approval:

T. E. Y. C. Chairman of the Board
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

Access No. CS-322 Rep. 1
Access No. 2
Access No. 3
Access No. 4

B. Computations: Triangulation and Traverse
   943/072 0-6785

C. Field records:
   1. Horizontal angles (form 250) 12 vol.
   2. Traverse measurements (form 390)
   3. Descriptions (form 525) and recoveries (form 526)
   4. Pricking cards (form 4-982-1) for tri. and Trav.
   5. Recoverable topographic stations (form 524)

Access No. 943/072 0-7082
Access No. 943/072 0-7083
Access No. 943/072 0-6786
Div. of Photogrammet. General File
Div. of Photogrammet. 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. Reps."

A complete tabulation of supplemental horizontal control stations established in this area is attached to a special report, "Third-Order Trigulation 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. Reps."

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. 18 & 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. (17-5694)

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:

- PS 70, OS. B, 1913, (USGS) 1946 (7% of map area)
- T 1S R 1W Section Corner 15, 16, 21, 22, 1946 (7% of map area)
- T 1S R 1W Section Corner 13, 14, 23, 24, 1946
Special Report: Investigation of Boundary Monuments & Land Lines
Area of the Second Radial Plat
Filed in Div. of Photogram General Files under "Sp. Rep'ts.

11 recovered (5 are Y. of map area)
6 plotted
7 recovered
7 plotted
In the area of Map Manuscript No. T-3694:

- CITY BOUNDARY MONUMENT (offset at S.W. city limits), 1946
- WILLAMETTE MERIDIAN, T 15 R 1W & 1E Section Corner, 19, 24, 25, 30, 1946
- T 15 R 1E Section Corner 16, 17, 20, 21, 1946
- T 15 R 1E Section Corner 17, 18, 19, 20, 1946

39. Junctions:

Complete and satisfactory junctions have been made between Map Manuscripts No.'s. 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:

Respectfully submitted:
November 20, 1946

Robert A. Earle
Chief of Party

J. Edward Deal, Jr.
Photogrammetric Engineer
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 plan-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
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 (T13S: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. Stotf: 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 McKee 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. J. 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. F. Green
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 monumented 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, Ore., USGS, 1:62,500, 1911-12
Oregon City, Ore., 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:

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

APPROVED BY:

[Signature] B. Jones 11/47
K. T. Adams
Technical Assistant to the Chief, Div. of Photogrammetry
Chief, Div. of Photogrammetry

[Signature] Chief, Nautical Chart Branch
Division of Charts

[Signature] C. K. Green
Chief, Div. of Coastal Surveys
<table>
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<th>B</th>
<th>C</th>
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By L. Heck 4/21/47
7 May 1947

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

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

From: Lt. Comdr. R. A. Earle

Subject: Review of T-3689 and T-3693

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

Investigation of land lines on sheet T-3693 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 "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.

R. A. Earle
Chief of Party
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.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