8697
8698

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

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

8697
8698

Type of Survey: Planimetric

Field No.: T-8697 Office No.: T-8698

LOCALITY

State: Oregon

General locality: Portland

Locality: Southeast Section

1946

CHIEF OF PARTY

Lt. Comdr. R. A. Earle

LIBRARY & ARCHIVES

DATE: March 24, 1948

8-1870-1 (1)

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric Air Photographic

Field No. T-8697 ← Horiz. Acc'y Test Office No. T-8698

LOCALITY

State Oregon

General locality Multnomah and Clackamas County, Oregon

Locality S. E. Portland, Oregon

1946

CHIEF OF PARTY

R. A. Earle

LIBRARY & ARCHIVES

DATE

B-1870-1 (1)

Form T-1

DATA RECORD

T- 8697

Quadrangle (II): LENTS (3 minute) **Project No. (II):** C.S. 322

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

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

Instructions dated (II III): July 12, 1945
Supplemental Instructions: Aug. 29, Sept. 10, Oct. 25, Nov. 30, and Dec. 6, 1945

Copy filed in ~~**Descriptive Report No. T-**~~ **(VI)** Div. Photogrammetry Office files

Completed survey received in office: 16 Sept. 1946

Reported to Nautical Chart Section: ~

Reviewed: 5 Mar. 1947 23 Apr. 1947 **Applied to chart No.** **Date:**

Redrafting Completed: 23 May, 1947

Registered: 31 Oct. 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): MT. SCOTT. (Oreg.) 1935, r 1945

Lat.: 45° 27' 16.788"(518.3 m) **Long.:** 122° 33' 00.426"(9.3 m) **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.

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
774 to 776 Incl.	7-1-45	12:20	(1:17000 contact) (1: 8000 ratio)	There are no tidal waters within the limits of this Map Manuscript.
1140 to 1144 "	7-2-45	10:20	" "	
1226 to 1229 "	7-2-45	12:00	" "	
3495 to 3497 "	11-21-45	13:15	" "	

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: F.H. Elrod, Prin. Photo. Aid **date:** Aug. 1946

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

Projection and Grids ruled by (III) Washington Office **date:** October 1945

" " " **checked by:** Washington Office **date:** October 1945

Control plotted by: Eda H. Bunce **date:** November 1945

Control checked by: Carita C. Wiebe **date:** November 1945

Radial Plot by: James L. Harris & J.E. Deal **date:** December 5,1945

Detailed by: Helen L. Letson **date:** May 24, 1946

Reviewed in compilation office by: Ree H. Barron **date:** June 23,1946

Corrections and changes after field edit by: Ree H. Barron date: Sept. 4, 1946

Review after changes due to field edit by: J.E. Deal date: Sept. 6, 1946

Elevations on Field Edit Sheet checked by: Charles Hanavich, Topo. Engr. **date:** Aug. 1946

Elevations on Manuscript checked by Gertrude Blanch Dean date Feb. 27.1947

STATISTICS (III)

Land Area (Sq. Statute Miles): 7.6

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
(4 section corners, 2 donation land claim corners and 1 U.S.G.S. Prim.Trav.Sta.)

Number of Temporary Hydrographic Stations located by radial plot:

Leveling (to control contours) - miles:

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

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

Remarks:

Field Inspection By: F. H. Elrod, Prin. Photo. Aid
L. MacArthur, Photo Aid (C. of C.) Date: Dec.Jan.,1945-46

Recovery of Horizontal Control By: F.H. Elrod, Prin.Photo.Aid Date: Sept.1945

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

Investigation of Geographic Names and
Civil Boundaries By: L.E. Ervast, Photo. Aid (C. of C.) Date: Jan. 1946

RECORD SHEET

Div. of Photogrammetry
Graphic Compilation Sect.

GENERAL LOCALITY Multnomah County, Oregon

SHEET NO. T-8697

LOCALITY Lents, Portland, Oregon

PROJECT NO. C.S. 322

PHOTOS ORDERED August 1945 REC'D Oct.1,1945

SCALE 1:8000

PROJECTION ORDERED Sept. 1945 REC'D Jan.21,1945

CONTROL:
COMPUTED Aug.1945 VERIFIED Oct.19,1945

PLOTTED Harris VERIFIED Bunce

PHOTO PREPARATION:
CONTROL Bunce VERIFIED Wiebe

AZIMUTHS Harris

PASS POINTS Letson

TEMPLETS Harris

VERIFIED Harris

RADIAL PLOT:
PLOTTED BY Harris DATE 11-30-45

VERIFIED Deal DATE 12-5-45

COMPILATION:
DETAIL POINTS Letson DATE 1-11-46

DETAIL BY Letson DATE 5-24-46

VERIFIED BY Barron DATE 6-23-46

Joins T-8689 Ck -

Joins T-8696 Ck -

Joins T-8698 Ck -

Joins T-8703 Ck ✓

DATE OF PHOTOS 774 to 776 7-1-45
1140 to 1144 7-2-45
1226 to 1229 7-2-45
3495 to 3497 11-21-45

TIME OF PHOTOS as listed above:
12:20, 10:20, 12:00 and 13:15

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 U.S.G.S. Oregon City, Oregon, 15 minute quadrangle map, Scale: 1:62,500. Except for new detail and changes which have occurred since the quadrangle was made, the planimetric detail of the Map Manuscript and quadrangle seem to be in agreement. "S.E. Powell Valley Road" shown on the quadrangle should be "S.E. Powell Boulevard"

(see other side)

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

FORWARDED TO Washington, D. C. DATE September 9, 1946

R. A. Earle
Chief of Party

COMPARISON (continued)

and the name "Oazadero" on the quadrangle should be "Cazadero".

There are no nautical charts covering the area of this Map Manuscript.

Form T-1

DATA RECORD

T-8698

Quadrangle (II): MT. SCOTT (3 minute) **Project No. (II):** C.S. 322

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

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

Instructions dated (II III): July 12, 1945
Supplemental Instructions: Aug. 29, Sept. 10, Oct. 25, Nov. 30 and Dec. 6, 1945.

Copy filed in ~~**Descriptive Report No. T-**~~ (VI) *Div. Photogrammetry Office files*

Completed survey received in office: *16 Sept. 1946*

Reported to Nautical Chart Section: *22 Oct. 1946*

Reviewed: *11 Mar. 1947* **Applied to chart No.** **Date:**

Redrafting Completed: *6 Jan., 1947*

Registered: *5 Aug., 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): POWELL BUTTE, 1945

Lat.: 45° 29' 15.041 (464.3 m) **Long.:** 122° 30' 02.145" (46.6m) **Adjusted**
Unadjusted Field Computation

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.

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
378 to 379 Inclusive	6-30-45	10:45	(1:17,000 contact) (1: 8,000 ratio)	There are no tidal waters within the limits of this Map Manuscript.
1181 to 1184 "	7-2-45	10:40	" "	
1226 to 1229 "	7-2-45	12:00	" "	

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: F.H. Elrod, Prin. Photo. Aid **date:** Aug. 1945

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

Projection and Grids ruled by (III) Washington Office **date:** September 1945

" " " **checked by:** Washington Office **date:** September 1945

Control plotted by: Helen L. Letson **date:** November 1945

Control checked by: Eda H. Bunce **date:** November 1945

Radial Plot by: James L. Harris & J.E. Deal **date:** December 4, 1945

Detailed by: Albert C. Turner **date:** March 25, 1946

Reviewed in compilation office by: Ree H. Barron **date:** April 10, 1946

Corrections and changes after field edit by: Ree H. Barron date: Sept. 3, 1946

Review after changes due to field edit by: J.E. Deal date: Sept.6, 1946

Elevations on Field Edit Sheet checked by: Charles Hanavich, Topo. Engr. **date:** Aug. 1946

STATISTICS (III)

Land Area (Sq. Statute Miles): 7.0

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

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

Number of Recoverable Topographic Stations established: 2 (Two section corners)

Number of Temporary Hydrographic Stations located by radial plot:

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: J. H. Winniford, Photo. Aid — Date: Dec.1945

Recovery of Horizontal Control By: F.H. Elrod, Prin.Photo.Aid — Date: Sept.1945

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

Investigation of Geographic Names and Civil Boundaries By: L.E. Ervast, Photo Aid (C of C) — Date: Jan. 1946

RECORD SHEET

Div. of Photogrammetry
Graphic Compilation Sect.

GENERAL LOCALITY Multnomah County, Oregon

SHEET NO. T-8698

LOCALITY Mount Scott

PROJECT NO. C.S. 322

PHOTOS ORDERED August 1945 REC'D Sept.26,1945 Oct. 1, 1945

SCALE 1:8,000

PROJECTION ORDERED Aug. 1945 REC'D Oct. 1, 1945

Joins T-8690 Ck. ✓

Joins T-8697 Ck. ✓ | Joins None Ck.

Joins None Ck. ✓

CONTROL:
COMPUTED Harris VERIFIED Bunce

PLOTTED Letson VERIFIED Bunce

PHOTO PREPARATION:
CONTROL Harris

AZIMUTHS Myers

PASS POINTS Harris

TEMPLETS Myers VERIFIED Harris

DATE OF PHOTOS 376 to 380-6-30-45
1180 to 1184-7-2-45
1225 to 1229-7-2-45

TIME OF PHOTOS 376 to 380 - 10:45
1180 to 1184- 10:40
1225 to 1229- 12:00

RADIAL PLOT:
PLOTTED BY Harris DATE 11-30-45

VERIFIED Deal DATE 12-4-45

COMPILATION:
DETAIL POINTS Turner DATE 12-26-45

DETAIL BY Turner DATE 3-25-46

VERIFIED BY Barron DATE 4-10-46

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 U.S.G.S. Oregon City, Oregon, 15 minute quadrangle map - Scale 1:62500. Except for new detail and changes which have occured since the quadrangle was made the planimetric detail of the map manuscript and quadrangle seem to be in good agreement. There are no nautical charts covering the area of this Map Manuscript.

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

FORWARDED TO Washington, D. C. DATE September 9, 1946

R.A. Earle
Chief of Party

FIELD INSPECTION REPORT
QUADRANGLES T-8697 and T-8698

PROJECT CS-322

1. to 25:

All information applicable to these side headings is given in the "Field Inspection Report, Project CS-322, Area of the First Radial Plot", which was submitted in the Descriptive Report for Quadrangles T-8709 and T-8710. Side headings numbered 8, 9, 10, and 12, discussed in the above mentioned field inspection report, are not applicable to Quadrangles T-8697 and T-8698.

Approved by:

R. A. Earle
Chief of Party

Respectfully submitted:

Charles Hanavich
Topo. Engineer

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 probably 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 C-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.

COMPILATION REPORT

MAP MANUSCRIPTS NUMBERS T-8697 and T-8698

PROJECT CS 322

26. Control:

At the time this project was started there were nine horizontal control stations listed as existing within the area of Map Manuscript No. T-8697. None were listed as existing in the area of Map Manuscript No. T-8698. Seven of the existing stations were recovered, two were reported as destroyed and five were identified.

One permanent triangulation station and one temporary triangulation station were established in the area of Map Manuscript No. T-8698 to supplement the existing control.

The geographic position of AXE (U.S.E.), 1936, is listed in the pamphlet for the Oregon City Quad., Oregon, (Horizontal and Vertical Control Data), issued by the Office of the Chief of Engineers, Washington, D.C.

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

A complete tabulation of supplemental horizontal control stations which were established in 1945 and 1946 is attached to a special report, "Third-Order Triangulation and Traverse, Project CS-322, Area of the First Radial Plot", which was forwarded to the Washington Office on July 12, 1946. In Library 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, First Radial Plot, Project CS-322. This radial plot report was included with the descriptive report for map manuscripts T-8709 and T-8710 which was forwarded to the Washington Office on July 5, 1946. In Div. of Photogrammetry General Files.

28. Detailing:

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

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

Photographs Nos. 3495 to 3497 inclusive, which were taken on Nov. 21, 1945, covered a gap existing in the original photography. In some cases it was difficult to interpret, from the ratio print, the correct shape and size of buildings. This was attributed to the loss of sharpness when the contact prints were enlarged.

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

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

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

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

29. Supplemental Data:

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

Sheets 31, 32, 39, and 40 of a set of 74 sheets published by the Multnomah County, Oregon, Assessor's Office, at a scale of 1"=600', which were forwarded with the "Geographic Names Report" on July 15, 1946.

Blue line print, "Map of City of Portland", at an approximate scale of 1"=150', which will be forwarded at a later date.

30 to 35. These items are not applicable to Map Manuscripts Nos. T-8697 and T-8698.

36. Landing Fields and Aeronautical Aids:

Dwyer Landing Field (private) falls within the limits of Map Manuscript No. T-8697.

There are no existing or recommended aeronautical aids within the limits of the two map manuscripts.

37. Geographic Names:

Only undisputed geographic names are shown on the map manuscripts. 814

Geographic names are the subject of a special report, "Investigation of Geographic Names, Project CS-322, Area of the First Radial Plot", which was forwarded to the Washington Office on July 12, 1946.

In Geog. Names Section, Div. of Charts

38. Recoverable Topographic Stations:

Copies of Froms 524 are being submitted for the following stations:

In the Area of T-8697:

T 1-S R 2-E, Section Corner, 20-21-28-29, 1945
T 1-S R 2-E, Section Corner, 8-9-16-17, 1945
T 1-S R 2-E, Section Corner, 9-10-15-16, 1945
T 1-S R 2-E, Section Corner, 16-17-20-21, 1945
S.E. Cor. J.L. Witten Donation Land Claim, 1946
N.E. Cor. J. Abrahams Donation Land Claim, 1946
PRIMARY TRAVERSE STATION #1 (U.S.G.S.)(Oreg.), 1911, r 1946

In the area of T-8698:

T 1-S R 2-E, Section Corner, 10-11-14-15, 1945
T 1-S R 2-E, Section Corner, 14-15-22-23, 1946

39. Junctions:

Complete and satisfactory junctions have been made between Map Manuscripts Nos. T-8697 and T-8698, and with adjoining map manuscripts.

40. Bench Marks:

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

8 on T-8697
9 on T-8698

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:

September 4, 1946

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

FIELD EDIT REPORT
T-8697 and T-8698
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 symbols and to the different colored inks used.

47. Adequacy of the Compilation:

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

Any drafting of detail that seemed to be questionable was called to the attention of the Compilation Office by notes. The deletion of buildings consisted for the most part of small barns, shacks, and buildings nearing the end of their useful life, which in accordance with the instructions should not be shown. Dwyer Landing Field, a private field, was located by field measurements on field photograph 1143. In quadrangle T-8697 there are two different streets which have the name "Hazel". This was verified in the field and found to be correct. Any changes in the spelling of street names were verified from posted street signs.

In accordance with the field edit instructions, the accuracy and completeness of the map manuscripts in regard to geographic names, boundaries, public land lines, and detail were checked by Mr. H.G. Richardson, City Surveyor, City Hall, Portland. The geographic names in this area have been reviewed by Mr. Lewis A. McArthur, Collaborator for the U. S. Coast and Geodetic Survey.

48. Accuracy Tests:

Results of the horizontal accuracy test on T-8697 are attached to the back of this report. For additional accuracy tests in this area refer to the field edit report on T-8689 and T-8690, which has been submitted.

The maps are believed to comply with horizontal accuracy specifications.

49. Bench Mark Elevations:

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

Field Edit Reviewed By:

Charles Hanavich
Topo. Engineer

Field Edit By:

F. H. Elrod
Prin. Photo. Aid

Approved by:

R. A. Earle
Chief of Party

HORIZONTAL ACCURACY TEST
Map Manuscript T-8697
Project CS-322

Plane Coordinate positions, which were established from the various traverses run by the City of Portland, on the Lambert Projection, Oregon State, North Zone, were obtained from the City Surveyor of Portland, Mr. H. G. Richardson, who stated that these coordinate positions were of fourth-order accuracy or better and that no position is in error more than three feet.

Since the majority of these coordinate positions were for section, quarter section or city boundary corners, which were located at the centerline intersections of streets or roads, it was decided to utilize most of them as test points to check the accuracy of the map manuscripts.

The location of these points was indicated by the City Surveyor on several County Assessors Maps, which will be forwarded to Washington. Each position used as a test point has been assigned a numerical test point number and is indicated in red on the County Assessor's Map or sheet attached thereto.

In the tabulation of the test points, the coordinate positions obtained from the City of Portland is referred to as T.P.No. and the scaled position from the map manuscript (Scale L:8,000) is referred to as M.M.No.

TABULATION OF TEST POINTS

Description of Point	Test Point Number	X-Coord. (Ft.)	Y-Coord.	Displacement in mm
Inter. of X-rds, 90 degrees	T.P.No. 14	1,467,345	674,360	
	M.M.No. 14	1,467,340	674,370	.33
Centerline of rd. at S.C.8-9-16-17	T.P.No. 15	1,467,253	671,734	
	M.M.No. 15	1,467,249	671,740	.22
Inter. of rd. & rd. extend., 90 degrees	T.P.No. 16	1,467,152	669,116	
	M.M.No. 16	1,467,150	669,128	.36
Inter. of X-rds., (S.C.16-17-20-21), 90 degrees	T.P.No. 17	1,467,050	666,494	
	M.M.No. 17	1,467,044	666,504	.35
Inter. of X-rds., 90 degrees	T.P.No. 18	1,466,990	663,871	
	M.M.No. 18	1,466,980	663,885	.52
Inter. of T-rd., (S.C.20-21-28-29), 90 degrees	T.P.No. 19	1,466,924	661,263	
	M.M.No. 19	1,466,918	661,260	.20

All the test points are well defined and were found to test within the accuracy requirements.

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

Respectfully Submitted:
Charles Hanavich,
Photo. Engr.

GEOGRAPHIC NAMES

Survey No. T-8697-8698

1 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	
Both sheets:										1
Oregon .									USGB	2
Portland .									"	3
Multnomah County .										4
Clackamas County .										5
Oregon No. 50 .	(SE Powell Boulevard and SE Powell Valley Road) only on T-8698 (See below)									6
(Oregon No. 213 .	(SE 82nd Avenue) only on T-8697) See below									7
Johnson Creek .										8
Portland Electric Power Co. Traction Co.	Cazadero Line					(electric railway) .				9
Mount Scott .										10
Lincoln Memorial Cemetery .										11
SE Holgate Boulevard .										12
SE Foster Road .										13
										14
										15
T-8697:										16
Kelly Butte .										17
Lents .										18
Lents Junction .	(this is name of interurban r.r. sta. at Lents)									19
Arleta .	(res. dist. and branch p.o.)									20
Bell, Watson .	(interurban r.r. sta.)									21
Kendall .	"		"							22
Wichita .										23
Multnomah Park Cemetery .										24
Mount Scott Cemetery .										25
Mount Scott Park .										26
Dwyer Landing Field .										27

M 234

GEOGRAPHIC NAMES

Survey No. T-8697-8698

2 Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K	
T-8697 (continued:										1
Kellogg Public School										2
Watson		(interurban r.r. sta.)								3
Marysville Public School										4
Arleta Public School										5
Woodmere Public School										6
Battin School										
Lents School										7
Congregation Sharria Torah Cemetery										
Oregon No. 213		(SE 82nd Ave.)								8
T-8698:										9
Sycamore										10
Gilbert										11
Gilbert School		(District No. 45)								12
Wilson		(interurban r.r.sta.)								13
Bellrose			"							14
Remapo			"							15
Gilbert			"							16
SE Powell Valley Road										17
										18
										19
										20
										21
										22
										23
										24
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Names underlined in red approved by L. Heck on 10/29/46

M 234

Division of Photogrammetry

Review Report of

Planimetric Manuscript No. T-8697

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

26. Control.

Axe (U.S.E.) 1936 is also U.S.E. benchmark stamped "Axe Sot - 1935". See Form 685, Report on Condition of Benchmark.

B.M. 163 is not shown on the map manuscript because of the proximity of B.M. D224 - flagpole in front of Kellogg School.

41. Donation Land Claim and Section Lines.

The following D.L.C. lines were changed to conform with measurements given on the General Land Office plats:

L. W. Nelson
Plymton Kelly
H. Campbell

In addition, the name J. E. Witten was changed to J. E. Willens to agree with the name given on the G.L.O. plats. See attached letter

The following section corners were changed to conform with the General Land Office plats:

Section corner 16-15-22-21
" " 21-22-27-28

The Multnomah-Clackamus county line was changed beginning at section corner 20-21-28-29 east to section corner 23-24-25-26 on T-8698. Also beginning at section corner 29-21-28-29 west to T-8696 in line with Sherrett Street, the county line was changed to a position north of Clatsop Street.

The position of the city boundary line running east and west immediately south of the Dwyer Landing Field was moved slightly northward.

44. Comparison with Existing Topographic Surveys.

Oregon City, Ore., U.S.G.S., 1:62,500, 1911-12
Oregon City, Ore., U.S.E., 1:62,500, 1938-39

The above surveys are in general agreement with the map manuscript.

45. Comparison with Nautical Charts.

No nautical charts cover the area of this map manuscript.

Reviewed by:

K. N. Maki 4/23/47
K. N. Maki
Photogrammetrist

Reviewed under direction of:

S. V. Griffith 4/23/47
S. V. Griffith
Chief, Review Section

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

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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 Map Manuscript T-8697

The changes made in the position of land lines on Map Manuscript T-8697, in the Washington Office, may be accepted as they are of a minor nature and do not necessarily conflict with locations on the County Maps.

The name of J. E. Witten, which was changed in the Washington Office to J. E. Willens to agree with the G.L.O. Plats, should be retained. On all local maps and records this claim was shown as J. E. Witten, therefore, it can be assumed that it was misspelled on the G.L.O. Plats.

R. A. Earle
Chief of Party

RAE/gw

Division of Photogrammetry

Review Report of

Planimetric
~~Topographic~~ ~~Survey~~, Manuscript No. T-8698

Paragraph numbers not used in this review have been adequately covered in other parts of this report.

28. Detailing.-

The delineation of much of the drainage on this manuscript was not accurate and has been corrected after stereoscopic examination of the photographs. Minor changes were also made in a few of the woodland limits.

44. Comparison with Existing Topographic Quadrangles.-

Comparison was made with two U.S.G.S. quadrangles, both Oregon City, Oregon, scale 1:62,500, one the 1912-14 edition, the other the 1941 edition.

49. Donation Land Claim Lines.-

The southern limit of the L. W. Nelson donation land claim in the northwestern corner of this quadrangle was changed to agree with the line shown on the assessment map and with land lines appearing on the photograph.

Reviewed by:

D. Moodey jr

Photogrammetric Aid

Reviewed under the direction of:

S. V. Griffith

Chief, Review Section

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

Descriptive Report T-8697 and T-8698

The combined descriptive report for these two planimetric maps was misplaced in the Washington Office after completion of the review and at sometime during smooth drafting and reproduction. The report has not been found at this time. The maps are being registered with this statement in lieu of the descriptive report until the latter is found.

T-8697 and T-8698 are two of a series of 60 planimetric maps of Portland and vicinity prepared in cooperation with the Portland Chamber of Commerce. These manuscripts were compiled at Portland and submitted to the Washington Office about November 1946. Reproduction and printing were completed in 1947.

For a general description of the field surveys and office compilation, and discussion of various other details regarding this project, refer to the combined descriptive report for T-8695 and T-8696.

B. G. Jones
Technical Assistant to the
Chief, Div. of Photogrammetry
March 2, 1948

Approved:

Technical Assistant to the
Chief, Div. of Photogrammetry

Chief, Nautical Chart Br.
Chart Division

K. T. Adams
Chief, Div. of Photogrammetry

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