

7062

Diag. Cht. No. 6157 (Insert)

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. G - 47 Office No. T-7062

LOCALITY

State Idaho

General locality Pend Oreille Lake

Locality Sandpoint

194 8

CHIEF OF PARTY

E.R. McCarthy

LIBRARY & ARCHIVES

DATE 13 SEPT. 1948

FORM 537a  
(9-24-47)

DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

REGISTER NO. T - 7062 T7062

TOPOGRAPHIC TITLE SHEET

FIELD NO. G-47

Each Planetable and Graphic Control Sheet should be accompanied by this form, completed so far as practicable, when forwarded to the Washington Office.

STATE

IDAHO

GENERAL LOCALITY

PEND OREILLE LAKE ~~AND PEND OREILLE RIVER~~

LOCALITY

SANDPOINT

SCALE

1:20000

DATE OF SURVEY

JUNE

, 19 48

VESSEL

SHORE PARTY

CHIEF OF PARTY

E. R. MCCARTHY

SURVEYED BY

WILLIAM F. DEANE

INKED BY

WILLIAM F. DEANE AND A.C. SMITH

HEIGHTS IN FEET ABOVE MHW OR MWLL\*

☒ TO GROUND

☐ TO TOPS OF TREES

CONTOUR

APPROXIMATE CONTOUR

FORM LINE INTERVAL \_\_\_\_\_ FEET

PROJECT NUMBER

CS-331

REMARKS

\*MWLL - Mean winter lake level is 2048.15 ft. above sea-level-datum.

Field inspection of aerial photographs was also made in this area Ph 15 (47)

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET FIELD NO. G-47PEND OREILLE LAKE, IDAHOPROJECT GS-331                      1948 E. R. MCCARTHY, CHIEF OF PARTY

1. INSTRUCTIONS - This survey was executed in compliance with the Director's Instructions dated 2 June 1947 and Supplemental Instructions dated 18 June 1947.

2. SCOPE -    Lat.     $48^{\circ} 13.8'$  to  $48^{\circ} 18.1'$   
                 Long.  $116^{\circ} 31.2'$  to  $116^{\circ} 35.6'$

There was no shoreline surveyed but the characteristics were shown on aerial photographs.

3. CONTROL - The control was based on second-order triangulation accomplished by this party in 1947 and 1948.

4. METHODS - Standard planetable procedures were used throughout but these were supplemented by sextant fixes during the peak of the flood that inundated most of the control stations.

5. GENERAL - Since the types of shoreline have been indicated on aerial photographs there is no need for terrain description. The area between triangulation station TENAI and the town of Sandpoint is foul with drifting snags. All of the old, unused piling in this area has been removed or is in the process of removal. Notes on aerial photographs show the extent of the removal. Piling not visible on aerial photographs or driven after the photographs were taken were located by the topographer and hydrographer.

6. LANDMARKS - Landmarks for charts are submitted on Form 567.

7. GEOGRAPHIC NAMES - Recommendations for geographic names will be submitted in a separate report. Because of conflicting nomenclature all names on this sheet have been noted in pencil. A plan of Pend Oreille Lake by the U. S. Geological Survey is submitted with this survey to facilitate the naming of drainage systems.

8. STATISTICS -

Graphic control in statute miles..... 12.1  
Area in square statute miles..... 1.2  
Number of marked topographic stations..... 0  
Number of unmarked topographic stations..... 83

Respectfully submitted,

*William F. Deane*

William F. Deane  
Lt. Comdr., USC&GS

Approved and forwarded:

*E. R. McCarthy*

E. R. McCarthy  
Lt. Comdr., USC&GS  
Chief of Party



Photogrammetric Shoreline Compilation T-7062  
(Graphic Control Survey)

The detail shown in green on this graphic control survey was obtained from single-lens photographs (ratio prints) which were flown by the U. S. Army Air Force in August, 1944, and field inspected in June, 1948, by Lt. Comdr. E. R. McCarthy.

A projector was used to transfer the detail from the ratio prints, and no difficulty was found in holding to three or more control points.

This survey adequately portrays the foreshore of the lake. Along the north and west sides of the lake most of the foreshore is flat and subject to flooding. This is especially true of the peninsula southeast of the town of Sandpoint. In these areas, the offshore limits of vegetation are irregular and indefinite, and were shown as indefinite offshore limits of low grassy areas subject to flooding. In other areas steep or moderate slopes (some are rocky) prevail. Sand and/or shingle are found along the immediate shoreline. *See H 7601 (1948) for change to shoreline - shown in red on hydro. sheet*

Cultural features along the waterfront and just inshore have been noted. Since no field inspection was made of the inshore area, only those features were shown which could be seen and interpreted on the photographs in the office; this included, also, the approximate limits of shoal areas. A USGS plan of the lake, Sheet B, was used to facilitate the interpretation of inland features and consulted for place names. The numerous piles found offshore have been indicated; they were field inspected on the photographs.

The photographs and their respective control stations used to control the transfer of detail to the graphic control survey are listed as follows:

- A. Along the north and west side of the lake
  - Photograph 23-201
    - Dover, 1948
    - Bon (Topo Sta.)
    - S.S. Cemetery, 1948
  - Photograph 23-39
    - S. S. Cemetery, 1948
    - Mid (Topo. Sta.)
    - Vic (Topo. Sta.)
    - SNO (Topo Sta.)
    - Stack, MSP CO., 1947
    - TOWER, COAL DOCK, N. P. RY., 1947

Photograph 23-03

TOWER, COAL DOCK, N. P. RY., 1947

SNO (Topo Sta.)

EUS (Topo Sta.)

BUT (Topo Sta.)

B. Along the south and east side of the Lake

Photograph 23-200

SPRING, 1947

ART (Topo Sta.)

CUE (Topo Sta.)

FAY (Topo Sta.)

BUS (Topo Sta.)

DRAWBRIDGE, N. P. RY.CO., 1947

Respectfully submitted,

Charles Hanavich

*Charles Hanavich*

Approved:

*L. C. Lande*  
L. C. Lande



DIVISION OF CHARTS

REVIEW SECTION - NAUTICAL CHART BRANCH

REVIEW OF TOPOGRAPHIC SURVEY

REGISTRY NO. T-7062

FIELD NO. G-47

Idaho, Pend Oreille Lake, Sandpoint

Surveyed in June 1948

Scale 1:20,000

Instructions dated June 2, 1947

Plane Table Survey

Aluminum Mounted

Chief of Party - E. R. McCarthy

Surveyed by - W. F. Deane

Inked by - W. F. Deane and A. C. Smith

Reviewed by - I. M. Zeskind, 22 November 1950

Inspected by - R. H. Carstens

1. The control for this survey originates with triangulation of 1947.
2. The shoreline was compiled in the Washington Office from air photographs which were field inspected in 1947.
3. The present survey makes adequate junctions with T-7061b (1948) on the east and extends to the limits of the project on the west.
4. No prior topographic surveys of the area had been made by this Bureau. Several sections of shoreline on the present survey conflict with the soundings on contemporary hydrographic survey H-7601 (1948) and have been revised on the latter survey.
5. The shoreline shown on Chart 6170 (Latest print date 9/25/50) originates with the present survey supplemented by shoreline changes shown on H-7601.
6. No observations were made for magnetic declination.

# GEOGRAPHIC NAMES

Survey No. T-7062

GEOGRAPHIC NAMES		Survey No. T-7062									
Name on Survey	<div>On Chart No.    On previous survey No.    On U. S. quadrangle Maps    From local information    On local Maps    P. O. Guide or Map    Rand McNally Atlas    U. S. Light List</div>										
	A	B	C	D	E	F	G	H	K		
<u>Idaho</u>									USGB	1	
<u>Pend Oreille Lake</u>										2	
<u>Pend Oreille River</u>									USGB	3	
<u>Sandpoint</u>										4	
<u>Sandpoint Creek</u>	Use <u>Sand Creek</u> pending B-G-N. decision.									5	
<u>Rocky Pt</u>										6	
<u>Spring Pt.</u>										7	
<u>Murphy Bay</u>										8	
<u>Sagle Slough</u>	<u>Fry Creek</u> (pending B-G-N. action)									9	
<u>Chuck Slough</u>										10	
										11	
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M 234

Names underlined in  
red are approved  
11-27-50  
L. H. Beck