T-12255

T-12255

NOAA FORM 76-35

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

Type of Survey ....SHORELINE.....

Job No. .PH-6211..... *Map No.* ..T-12255...

Classification No. Field Edited Final *Edition No.* ...1.....

LOCALITY

State .....Washington.....

General Locality ..Hood Canal.....

Locality ...Seal Rock.....

.....

1962 TO 1969

REGISTRY IN ARCHIVES

DATE .....

☆ U.S. GOVERNMENT PRINTING OFFICE: 1973-761-776

MAP NOT INSPECTED BY

QUALITY CONTROL OF PHOTOGRAMMETRY DIVISION

PRIOR TO REGISTRATION

NOAA FORM 76-36A (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY
- [X] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

SURVEY TA-12255
MAP EDITION NO. (1)
MAP CLASS Field edited
JOB PH-6211

PHOTOGRAMMETRIC OFFICE: Rockville, Md

OFFICER-IN-CHARGE: V. Ralph Sobieralski

LAST PRECEEDING MAP EDITION
TYPE OF SURVEY
- [ ] ORIGINAL
- [ ] RESURVEY
- [ ] REVISED

JOB PH-
MAP CLASS
SURVEY DATES: 19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE	2. FIELD
Original June 15 1964 Amendment No. 1 Nov. 22, 1965 Amendment No. 2 Feb. 16, 1966 Amendment No. 3 July 1, 1966 Amendment No. 4 April 5, 1967	Field - Feb. 5, 1963 Field Supplement Feb. 23, 1967

II. DATUMS

1. HORIZONTAL: [X] 1927 NORTH AMERICAN — OTHER (Specify)

2. VERTICAL: [X] MEAN HIGH-WATER; [ ] MEAN LOW-WATER; [ ] MEAN LOWER LOW-WATER; [ ] MEAN SEA LEVEL — OTHER (Specify)

3. MAP PROJECTION: Polyconic

4. GRID(S): STATE: Washington; ZONE: North

5. SCALE: 1:10,000 — STATE: ; ZONE:

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: C-8 stereoplanigraph & 1 strip analytical	BY	J. Gerlach-J. Perrow	1/65-5/67
	LANDMARKS AND AIDS BY	N/A	
2. CONTROL AND BRIDGE POINTS METHOD: HAND PLOT	PLOTTED BY	J.C. Richter	5/10/67
	CHECKED BY	H. Lucas	5/10/67
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: B-8 stereoplotter SCALE: 1:30,000	PLANIMETRY BY	J.C. Richter	5/18/67
	CHECKED BY	J. Battley, Jr.	May 1967
	CONTOURS BY	N/A	
	CHECKED BY	N/A	
4. MANUSCRIPT DELINEATION METHOD: Graphic SCALE: 1:10,000 B-8 worksheets	PLANIMETRY BY	J.C. Richter	5/22/67
	CHECKED BY	J.Battley,Jr.	May 1967
	CONTOURS BY	N/A	
	CHECKED BY	N/A	
	HYDRO SUPPORT DATA BY	J.C. Richter	May 1967
	CHECKED BY	K.N. Maki	May 1967
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	K.N. Maki	June 1967
6. APPLICATION OF FIELD EDIT DATA	BY	J.C. Richter	Aug. 1969
	CHECKED BY	J. Battley, Jr.	Aug. 1969
7. COMPILATION SECTION REVIEW	BY	J.Battley, Jr.	Sept. 1976
8. FINAL REVIEW	BY	P. Dempsey	Jan. 1982
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY	H. D. Wolfe	
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	Chief, Photo Map and Imagery Unit	MAR 10 1983

NOAA FORM 76-36A SUPERSEDES FORM C&GS 181 SERIES

Photogrammetry Branch

G.P.O. 1972-769382/582 REG.#6

NOAA FORM 76-36B
(3-72)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

COMPILATION SOURCES

T-12255

1. COMPILATION PHOTOGRAPHY

CAMERA(S)
"W" Camera 6" focal length

TYPES OF PHOTOGRAPHY LEGEND
(C) COLOR
(P) PANCHROMATIC
(I) INFRARED

TIME REFERENCE
ZONE: Pacific
MERIDIAN: 105th
☐ STANDARD
☒ DAYLIGHT

TIDE STAGE REFERENCE
☒ PREDICTED TIDES
☐ REFERENCE STATION RECORDS
☐ TIDE CONTROLLED PHOTOGRAPHY

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
62W5391, 5393 & 5395	6/7/62	11:00	1:30,000	3.9' above MLLW

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the office interpretation of the photos listed in item 1 above.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

There is no MLLW line on this manuscript

4. CONTEMPORARY HYDROGRAPHIC SURVEYS *(List only those surveys that are sources for photogrammetric survey information.)*

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
No contemporary survey	T-12256	T-12259	No contemporary survey

REMARKS

* U. S. GOVERNMENT PRINTING OFFICE: 1974-768-078

NOAA FORM 76-36C
(3-72)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

HISTORY OF FIELD OPERATIONS

T-12255

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION.

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		R. Moses	April 1969
2. HORIZONTAL CONTROL	RECOVERED BY	N/A	
	ESTABLISHED BY	N/A	
	PRE-MARKED OR IDENTIFIED BY	N/A	
3. VERTICAL CONTROL	RECOVERED BY	N/A	
	ESTABLISHED BY	N/A	
	PRE-MARKED OR IDENTIFIED BY	N/A	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED *(Triangulation Stations)* BY	N/A	
	LOCATED *(Field Methods)* BY	N/A	
	IDENTIFIED BY	N/A	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☒ COMPLETE ☐ SPECIFIC NAMES ONLY ☐ NO INVESTIGATION — BY	R. Moses	April 1969
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	N/A	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N/A	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS *(Clarification of details)*

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME

PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE

6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS *(Sketch books, etc.* **DO NOT** *list data submitted to the Geodesy Division)*

None

*U.S. GOVERNMENT PRINTING OFFICE: 1974 - 768-078

NOAA FORM 76-36C
(3-72)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

HISTORY OF FIELD OPERATIONS

T-12255

I. [X] FIELD INSPECTION OPERATION [ ] FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		R. Melby	June 1963
2. HORIZONTAL CONTROL	RECOVERED BY	R. Melby	June 1963
	ESTABLISHED BY	N/A	
	PRE-MARKED OR IDENTIFIED BY	R. Melby	June 1963
3. VERTICAL CONTROL	RECOVERED BY	N/A	
	ESTABLISHED BY	N/A	
	PRE-MARKED OR IDENTIFIED BY	N/A	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED *(Triangulation Stations)* BY	R. Melby	June 1963
	LOCATED *(Field Methods)* BY	N/A	
	IDENTIFIED BY	N/A	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION [ ] COMPLETE [ ] SPECIFIC NAMES ONLY [ ] NO INVESTIGATION BY	N/A	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	N/A	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N/A	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

One station

PHOTO NUMBER	STATION NAME
62W5395	Sylopash Point Light, 1963

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS *(Clarification of details)*

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

Slyopash Point Light, 1963

PHOTO NUMBER	OBJECT NAME

PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: [ ] REPORT [X] NONE

6. BOUNDARY AND LIMITS: [ ] REPORT [X] NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS *(Sketch books, etc.* **DO NOT** *list data submitted to the Geodesy Division)*

None

NOAA FORM 76-36C
(3-72)

*U.S. GOVERNMENT PRINTING OFFICE: 1974 - 768-078

NOAA FORM 76-36D
(3-72)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

RECORD OF SURVEY USE

T-12255

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Shoreline photo-hydro support points	June 1967			June 1967
Field edit applied	Aug. 1969	Class I map		

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☐ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA *(except for Geographic Names Report)* AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: 11/82

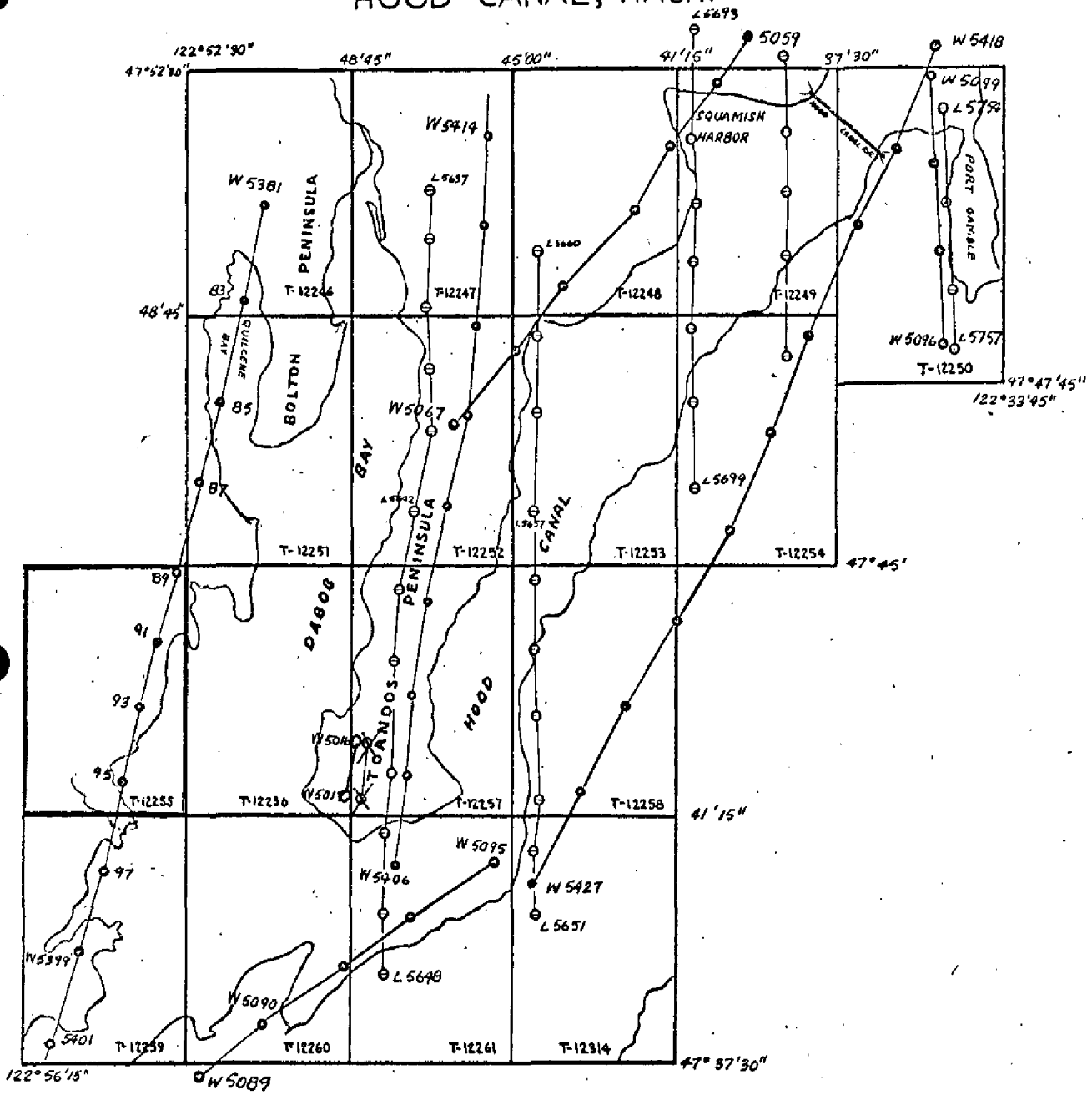
IV. SURVEY EDITIONS *(This section shall be completed each time a new map edition is registered)*

	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
SECOND EDITION	TP - _____ (2)	PH - _____	☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
THIRD EDITION	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
	TP - _____ (3)	PH- _____	☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
FOURTH EDITION	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
	TP - _____ (4)	PH - _____	☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL

NOAA FORM 76-36D

★U. S. GOVERNMENT PRINTING OFFICE: 1973--778075/1077 REGION NO. 6

PH-6211
SHORELINE MAPPING
SCALE 1:10,000
HOOD CANAL, WASH.



PHOTOGRAPHY

- ● 1:30,000 Date Jun 62
- ⊖ 1:25,000 " Aug 65
- ○ 1:15,000 Jun 62

T-12255

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

This 1:10,000 scale shoreline manuscript is one of 17 maps that comprise Project Ph-6211, which covers an area in the Northern part of Hood Canal from Port Gamble Southward to Hood Point and includes all of Dabob Bay. All maps in this project were field edited and reviewed. The field edit was accomplished by the hydrographic field party for project OPR-412.

The initial purpose of this map was to provide support for our nautical and aeronautical charting program and provide photo-hydro support data for hydrography scheduled in the area.

A field investigation was performed prior to compilation in April to June 1963. This investigation was to establish control, in order to meet aerotriangulation requirements, and to locate all landmarks and aids previously un determined. All fixed aids to navigation not previously located by triangulation were located by triangulation or traverse at this time.

Photo coverage for compilation and aerotriangulation was flown in June 1962 with the "W" wild Aviogon camera at a scale of 1:30,000 with panchromatic film and in August 1965 with the "L" Wild camera at a scale of 1:30,000 (ratio to 1:10,000) with panchromatic film. The 1:10,000 scale ratio prints were used for field notes.

Analytical aerotriangulation was adequately provided by the Rockville office.

Compilation was performed at both the Rockville office and the Atlantic Marine Center. Five sheets (T-12248, T-12249, T-12250, T-12253 and T-12254) were compiled in the AMC office in July, August and September 1966. The other twelve sheets were compiled in the Rockville office in April, May and June 1967. The field edit was applied in the Rockville office only.

Final review for this map was performed in the Rockville office in 1982.

FIELD INSPECTION

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and indentification of the horizontal control necessary for the aerotriangulation of the project.

See attached report on panelling of control.

Horizontal Control and Identification Report

Project Ph-6211

Hood Canal, Washington

April-June 1963

The following comments and remarks are pertinent to the conditions and methods utilized to perform the required photo-control in Project Ph-6211. (Reference control diagram Ph-6211, Hood Canal, Wash.)

Sheet T-12246

Station T.T. 1 RB (USGS), 1955 was identified by the substitute station method, incorporating a dog-leg traverse to one of the substitute stations.

Station LELAND, 1955 was not identified. See station LARSON, 1955 north of sheet T-12247.

Sheet T-12247

Station LARSON, 1955 was identified in lieu of station LELAND, 1955. Station SANDY SHORE, 1955 was identified by a traverse to the substitute stations. A sun azimuth was observed at both ends of the traverse to secure adequate azimuth control of the traverse of the traverse line. Station GRASS 2, 1955 was identified by the substitute station mentbd.

Sheet T-12248 T-12249

Station HOOD CANAL LIGHT 4, 1961 was identified direct and by the reverse, substitute station method.

Sheet T-12249

Station SET 2, 1934 was identified by a single substitute station,

Sheet T-12255

Station SYLOPASH POINT LIGHT, 1963, was identified by the reverse substitute station method.

Sheet T-12256

Station PULALI 2, 1961 was identified direct. A suitable substitute could not be found.

Sheet T-12257

Station CURRANT 2, 1934 was identified with a single substitute station. This can serve as the second identification point in this area as HOOD CANAL LIGHT 10 1963 was identified direct. Station HAZEL POINT LIGHT, 1963 was identified direct. Nearby station OAK HEAD LIGHT, 1963 in sheet T-12261 was also identified direct to serve as the other required identified point. In the course of the location of station HAZEL POINT LIGHT, 1963, station HAZEL POINT 3, 1945 was found to be in error by about 36 feet. The azimuth of the line CHUTE 3, 1945-HAZEL POINT 3 1945 was in error by 10 minutes. A new position of HAZEL POINT 3, 1945 was determined by the field unit. Station TABOOK POINT LIGHT, 1963 was identified direct.

Sheet T-12258

Station BANGOR, 1955 was identified by a single substitute station. Nearby station BANGOR LOOKOUT TOWER, 1955 was identified direct.

Sheet T-12259

Station QUATSAP 2, 1934 was identified by the substitute station method utilizing a single closed triangle observation.

Sheet T-12260

Station BOULDER, 1878 was identified by two substitute stations.

Sheet T-12261

Station [illegible]

Station LONE ROCK, 1878 was identified by the substitute station method by a single closed triangle observation.

Sheet T-12814

No station were identifed in the sheet.

None of the control identification was considered substandard.

Landmarks and aids

All landmarks and aids previously undetermined were located at this time. All fixed aids to navigation not previously located by triangulation were located by triangulation or traverse methods at this time.

Respectfully submitted

Robt. B. Melby

Robert B. Melby
Surveying Technician

PHOTOGRAMMETRIC PLOT REPORT
JOB PH-6211
HOOD CANAL, WASHINGTON
PART III

May 1, 1967

21. Area Covered

The area covered by this report is the west shore of Dabob Bay and the portion of Hood Canal at the mouth of Dabob Bay. It includes T-sheets 12246, 12251, 12255, 12256 and 12259 thru 12261.

22. Method

Two strips were bridged, one (#32, 62-W-5088 thru 5093) on the C-8 stereoplanigraph and the other (#12, 62-W-5374 thru 5401) by analytic methods. Strip #32 was adjusted on four control stations. Strip #12 was adjusted on five control stations.

23. Adequacy of Control

Control was adequate and complied with job instructions. Stations PULAI 2, 1961 and COMPUTER BUILDING (USN) 1961, subpoint "B", could not be held in the bridge due to the poor image quality of the points.

24. Supplemental Data

Local USGS quads were used to provide vertical control for the bridging process. Ratio prints were provided for compilation.

25. Photography

Photography was adequate as to coverage, overlap and definition. Strip #12 could not be bridged by stereoplanigraph methods due to film shrinkage along one edge. This problem was eliminated by using analytic methods.

Submitted by:

John D. Perrow, Jr.

Approved by:

Henry P. Eichert

Aerotriangulation Report

Charge No. 21053

Hood Canal, Washington

21. Area Covered

The bridging covers the area of Hood Canal, approximately 20 miles northwest of Seattle, Washington.

22. Method

Six strips were bridged on the Zeiss C-8 stereoplanigraph to provide control for compilation of shoreline (see attached sketch). Strip 2 was not bridged because the area was duplicated by Strip 1. Strip 7 was adjusted on the IBM 650 and all other strips on the IBM 1620.

23. Adequacy of Control

Control positions were adequate for bridge adjustment. However, sub stations of Pulali 2, 1961 and Computer Building (USN) 1961 were impossible to locate with any accuracy due mainly to poor images. Sisters Rock Light, 1963 also had a very poor image on the photographs in strip 6.

No explanation could be found for the discrepancy of Tabook Point Light, 1963 and sub-station B of Hoods Point, 1878. Sub station B of Hoods Point waswithin accuracy limits on Strip 3.

All other points held within accuracy requirements.

24. Supplemental Data

Common tie points were hit between adjoining bridges and were averaged. Vertical control points were taken directly from the quads and can be expected to have only the accuracy of the contours of the quad itself.

25. Photography

Photography was adequate as to coverage. The overlap was too great on Strip 1, necessitating the use of every other photograph in the bridge. Definition was poor on the strips to the west, partially because of sun reflections.

Submitted by:

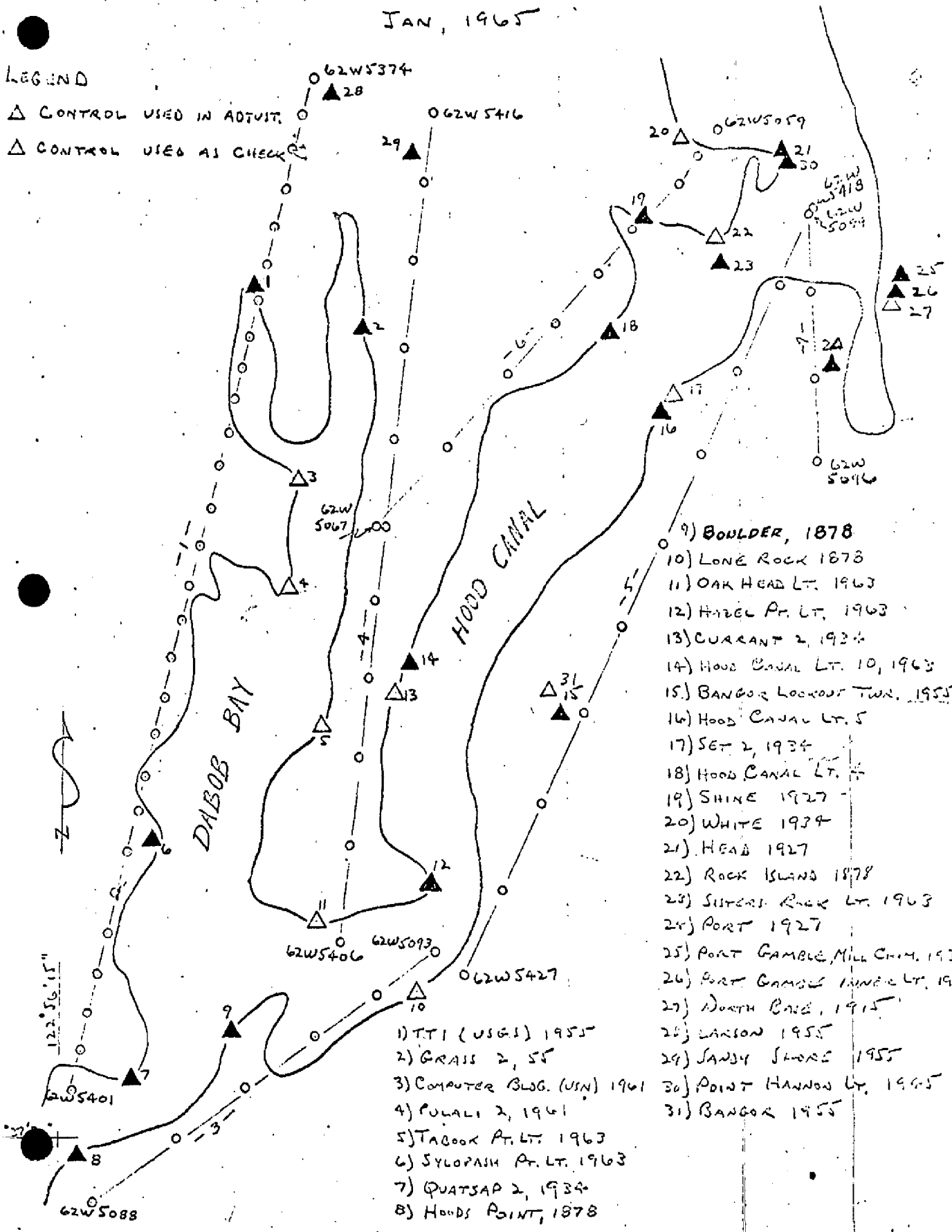
John T. Gerlach

John T. Gerlach

Approved by:

John D. Perrow, Jr.

AEROTRIANGULATION SKETCH
CHARGE NO. 21053
HOOD CANAL, WASHINGTON
JAN, 1965



1) TTI (USGS) 1955
2) GRASS 2, 55
3) COMPUTER BLDG. (USN) 1961
4) PULALI 2, 1961
5) TACOMA PT. LT. 1963
6) SYLOPASH PT. LT. 1963
7) QUATSAP 2, 1934
8) HOODS POINT, 1878

9) BOULDER, 1878
10) LONE ROCK 1878
11) OAK HEAD LT. 1963
12) HAZEL PT. LT. 1963
13) CURRANT 2, 1934
14) HOOD CANAL LT. 10, 1963
15) BANGOR LOOKOUT TWR. 1955
16) HOOD CANAL LT. 5
17) SET 2, 1934
18) HOOD CANAL LT. 4
19) SHINE 1927
20) WHITE 1934
21) HEAD 1927
22) ROCK ISLAND 1878
23) SISTERS ROCK LT. 1963
24) PORT 1927
25) PORT GAMBLE, MILL CHIM. 1934
26) PORT GAMBLE RANGE LT. 1934
27) NORTH BASE, 1915
28) LARSON 1955
29) SANDY SHORE 1955
30) POINT HANNON LT. 1965
31) BANGOR 1955

NOAA FORM 76-41
(6-75)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY
T-12255	PH-6211	N.A. 1927	Rockville, Md

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Washington ZONE North	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
Sylopash Point Light, 1963	Vol II pg. 427		x= 1,492,629.54 y= 261,235.59	φ 47°41'51.163 λ 122°53'37.949	
			x= y=	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	

COMPUTED BY J. Perrow	DATE JAN. 1965	COMPUTATION CHECKED BY J. Gerlach	DATE JAN. 1965
LISTED BY	DATE	LISTING CHECKED BY	DATE
HAND PLOTTING BY J. C. Richter	DATE May 1967	HAND PLOTTING CHECKED BY H. Lucas	DATE May 1967

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

Compilation Report
T-12255

31. Delineation -
Shoreline and foreshore features were delineated from the 1:30,000 scale bridging photography. Selected ratio prints were used as a check on the instrument compilation and prepared for photo-hydro support.

The bridging photographs were not fully satisfactory due to poor definition, for this reason rocks along the foreshore were not felt to be completely located.

32. Control -
Horizontal control was adequate. Models were leveled using water & U.S.G.S. Quadrangle elevations.

33. Supplemental Data - None.

34. Contours and Drainage -
Contours are inapplicable. Drainage - all creeks and rivers were compiled to the MHWL and back to specified limits inshore.

35. Shoreline and Alongshore Detail -
There was no field inspection. The MHWL was delineated by office interpretation from the photographs and computed tides.

36. Offshore Detail -
Photographs were of poor definition and offshore detail could not be seen.

37. Landmarks and Aids -
Sylopash Point Light was located by triangulation.

38. Control for Future Surveys - None.

39. Junctions
To the East with T-12256 in agreement. To the South with T-12259. No contemporary survey to the North and West.

40. Horizontal and Vertical Control - No comment.

41. through 45. - Inapplicable

46. Comparison with Nautical Charts -
Comparison has been made with Nautical Chart No. 6522, scale 1:25,000, 3rd edition, Feb. 8, 1965, corrected to June 11, 1966.

Items to be Applied to Nautical Charts Immediately - None.

Items to be Carried Forward - None.

Approved and forwarded

K. Maki
Chief, Compilation Section

Respectfully submitted

John C. Richter
Carto (Photo)

FIELD EDIT REPORT

HOOD CANAL AND DEBOB BAY, WASHINGTON

MARCH, APRIL 1969

PROJECT OPR - 412

This report covers the area in Hood Canal from Carson Point south to Quatsap Point and the entire Debob and Quilcene Bays.

The entire shore line was inspected using a small boat. The Field Edit copies (Discrepancy Prints) of the map manuscripts were used as a guide and all corrections, except as noted below, were recorded on them.

ADEQUACY OF COMPILATION:

The extent and accuracy of the maps appear to be reasonably complete, considering the compilation was accomplished without the benefit of Field Inspection.

METHODS:

The shoreline was inspected primarily with respect to the Discrepancy Prints of the map manuscript. All items specifically noted on the prints were investigated throughly. All shoreline was inspected and any comments were recorded on the Discrepancy Print. Where positions were needed, sextant cuts on Hydrographic Signals were recorded. These positions were numbered and plotted on the appropriate Boat Sheet of the area. The proper sheet is stated on the individual Discrepancy Prints.

Mean High Water was established with sextant angles and references to along shore objects and Hydrographic Signals. The shore is generally a sand gravel composition with areas cluttered with medium size boulders. The Dashed Line shown on the manuscripts were generally excellently positioned to indicate areas or limits of shoal water.

There are numerous homes and summer homes along the shore. Many have private railways or small mooring buoys offshore. The positions of the larger, most dangerous items have been noted.

SHEET T-12261:

Refer to Sheet DA-10-~~1~~2-69.

Area is well settled. The major change in shoreline is the slide area on the upper right. The outline is as of the time noted.

SHEET T-12260:

Refer to Sheet DA-10-2-69.

Area is well settled. Shoreline of Misery Point is Rocky and rises sharply from the beach. The area is prone to slides.

SHEET T-12259:

Refer to Sheet DA-10-2-69.

The area at the mouth of the Duckabush River is extremely shallow and sandy. The high water line appears satisfactory, but is difficult to determine.

SHEET T-12257:

Refer to Sheet DA-10-1-69.

This area is generally uninhabited. Fisherman's Harbor is accessible only at or near high tide.

SHEET T-12258:

Refer to Sheet DA-10-1-69.

This area is well inhabited. The dashed shoreline is generally very steep with trees growing to the High Water Line.

SHEET T-12256:

Refer to Sheet DA-10-1-69.

SHEET T-12255:

Refer to Sheet DA-10-1-69.

The area is well inhabited. The Brinnon Flats area is very shallow. The High Water Line is as good as can be expected, considering the sand shoreline and the river mouth.

SHEET T-12252:

Refer to Sheet DA-10-3-69.

SHEET T-12251:

Refer to Sheet DA-10-3-69.

There are numerous buoys owned and maintained by the Navy off of the southern end of Bolton Peninsula. These are positioned on DA-10-3-69.

Sketch Book 19

SHEET T-12246:

Refer to Sheet DA-10-3-69, Photo 62W5383, and Sketch Book.

The north end of Quilcene Bay is very shallow with miscellaneous piles, etc. Pilings, bulkheads, etc. near East Quilcene have been Photo Identified on Photo 62W5383.

SHEET T-12314:

Refer to Sheet DA-10-1-69 and DA-10-2-69.

SHEET T-12247:

Refer to Sheet DA-10-3-69.

Tarboo Bay is dry, except for a shallow stream, and inaccessible at low water.

Respectfully Submitted,

Kanezo A. Domoto
LT, USESSA
Operations Officer
USC&GSS DAVIDSON

APPROVED & FORWARDED:

Ray E. Moses
CDR USESSA
Comdg. Officer
USC&GSS DAVIDSON

Review Report
T-12255
Shoreline

61. GENERAL STATEMENT
The field edit was applied directly to the hydrographic survey H-9035 and therefore not duplicated on the photogrammetric manuscript.

The dotted line on the manuscript represents the limit of sand and/or mud at the time of photography. There is no MLLW line on this manuscript.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS - Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES - Not applicable.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS
A comparison was made with hydrographic survey H-9035. The majority of the field edit was performed on the boat sheet and transferred to the smooth sheet H-9035. Therefore, this field edit was not duplicated on the manuscript. The dotted line on the manuscript, showing the limits of mud and sand, coincides in some areas with the MLLW line on the smooth sheet.

65. ADEQUACY OF RESULTS AND FUTURE SURVEYS
This map complies with project instructions and meets the requirements for Bureau standards and National standards of map accuracy.

Submitted by,

Patrick Dempsey
Final Reviewer

Approved:

Chief, Photogrammetric Branch

Chief, Photogrammetry Division

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6211 (Hood Canal, Wash.)

T-12255

Brinnon Flats

Dabob Bay

Dosewallips River

Green Hill

Jackson Creek

Marple Creek

Mount Turner

Olympic National Forest

Seal Rock

Spencer Creek

Sylopash Point

Turner Cr.

Approved by:

A. J. Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Cartographic Technician

Project PH-6211 Material on File

Hood Canal, Washington

Federal Records Center

- Control Station Identification Cards
- Field Edit Photographs
- Computer Readouts
- Field Edit Photographs
- Field Edit Ozalids (Discrepancy Prints) for each map

- Project Completion Report

Bureau Archives

- Registered Copy of each map
- Descriptive Report of each map

Reproduction Division

- 8x Reduction Negative of each map

Office of Staff Geographer

- Geographer Names Standard

FORM C&GS-8352
(3-25-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. ____________________

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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