

T-12314

T-12314

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-12314

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

LOCALITY

State .. Washington

General Locality .. Hood Canal

Locality Warrentville

1962 TO 1969

REGISTRY IN ARCHIVES

DATE

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.		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
DESCRIPTIVE REPORT - DATA RECORD		SURVEY 12314 MAP EDITION NO. (1) MAP CLASS Field Edited JOB PH. 6211	
PHOTOGRAMMETRIC OFFICE Rockville, MD		LAST PRECEDING MAP EDITION	
OFFICER-IN-CHARGE V. Ralph Sobieralski		TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__			
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Original Office June 15, 1964 Amendment No. 1 Nov. 22, 1965 No. 2 Feb. 16, 1966 No. 3 July 1, 1966 No. 4 April 5, 1967		Field Feb. 5, 1963 Field Supplemental Feb. 23, 1967	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Polyconic Projection		4. GRID(S)	
5. SCALE 1:10,000		STATE Washington	ZONE North Zone
STATE _____		ZONE _____	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION C-8 Stereoplanigraph METHOD: _____ LANDMARKS AND AIDS BY		J. Gerlach H. Eichert	Jan. 1965 Jan. 1965
2. CONTROL AND BRIDGE POINTS METHOD: Hand Plot		PLOTTED BY J. Phillips CHECKED BY M. Webber	4/11/67 4/11/67
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 Stereoplotter SCALE: 1:30,000		PLANIMETRY BY J. Mooney CHECKED BY K. Maki CONTOURS BY N/A CHECKED BY N/A	5/18/67 5/18/67
4. MANUSCRIPT DELINEATION METHOD: Graphic B-8 Worksheets SCALE: 1:10,000		PLANIMETRY BY M. Webber CHECKED BY K. Maki CONTOURS BY N/A CHECKED BY N/A HYDRO SUPPORT DATA BY M. Webber CHECKED BY P. Dempsey	5/22/67 5/22/67 5/22/67 9/76
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		BY K. Maki	May 1967
6. APPLICATION OF FIELD EDIT DATA		BY J. Richter CHECKED BY P. Dempsey	Jan. 1972 Sept. 76
7. COMPILATION SECTION REVIEW		BY P. Dempsey	Sept. 1976
8. FINAL REVIEW		BY P. Dempsey	April 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	MAR 10 1983

COMPILATION SOURCES

T-12314

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 6" Focal length		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR	(P) PANCHROMATIC	ZONE Pacific	<input type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(I) INFRARED		MERIDIAN 105th	<input checked="" type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
62W5426	6/7/62	11:24	1:30,000	3.6 above MLLW	
62W5427	6/7/62	11:24	1:30,000	3.6 above MLLW	
65L5652	8/15/65	10:21	1:10,000 ratio		

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

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

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

There is no MLLW line delineated 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 T-12258	EAST No contemporary survey	SOUTH No contemporary survey	WEST T-12261
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REMARKS

HISTORY OF FIELD OPERATIONS.

T-12314

I. <input checked="" type="checkbox"/> FIELD INSPECTION OPERATION				<input type="checkbox"/> FIELD EDIT OPERATION.			
OPERATION		NAME		DATE			
1. CHIEF OF FIELD PARTY		Field inspection		R.B. Melby			
				May 1963			
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 (<i>Triangulation Stations</i>) BY		N/A			
		LOCATED (<i>Field Methods</i>) BY		N/A			
		IDENTIFIED BY		N/A			
5. GEOGRAPHIC NAMES INVESTIGATION		TYPE OF INVESTIGATION		BY			
		<input type="checkbox"/> COMPLETE					
		<input type="checkbox"/> SPECIFIC NAMES ONLY					
		<input type="checkbox"/> NO INVESTIGATION					
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			2. VERTICAL CONTROL IDENTIFIED				
PHOTO NUMBER	STATION NAME		PHOTO NUMBER	STATION DESIGNATION			
3. PHOTO NUMBERS (<i>Clarification of details</i>)							
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED							
PHOTO NUMBER	OBJECT NAME		PHOTO NUMBER	OBJECT NAME			
5. GEOGRAPHIC NAMES: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE			6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE				
7. SUPPLEMENTAL MAPS AND PLANS							
<i>NONE</i>							
8. OTHER FIELD RECORDS (<i>Sketch books, etc. DO NOT list data submitted to the Geodesy Division</i>)							
<i>NONE</i>							

HISTORY OF FIELD OPERATIONS.

T-12314

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R.E. Moses	April 1969
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	N/A N/A N/A	
3. VERTICAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	N/A N/A N/A	
4. LANDMARKS AND AIDS TO NAVIGATION RECOVERED (<i>Triangulation Stations</i>) BY LOCATED (<i>Field Methods</i>) BY IDENTIFIED BY	N/A N/A N/A	
5. GEOGRAPHIC NAMES INVESTIGATION TYPE OF INVESTIGATION <input checked="" type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION BY	R.E. 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		2. VERTICAL CONTROL IDENTIFIED	
PHOTO NUMBER	STATION NAME	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

I. MANUSCRIPT COPIES				
COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Shoreline photo-hydro support points	May 1967			May 1967
Field edit applied	Jan. 1972	Class I		

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: _____

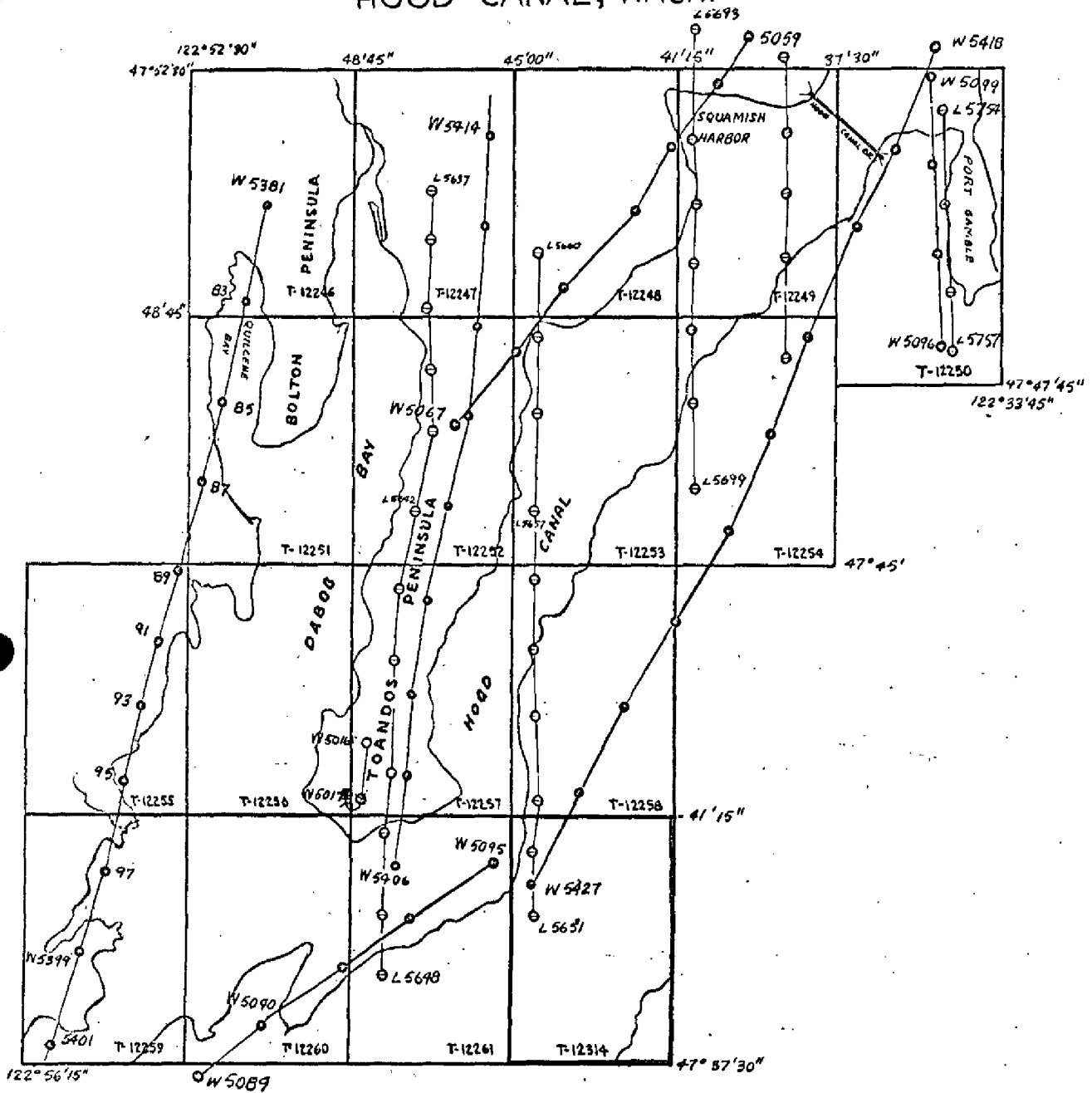
III. FEDERAL RECORDS CENTER DATA

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)

SECOND EDITION	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (2)	PH - _____	<input type="checkbox"/> REVISED	<input type="checkbox"/> RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS	
			<input type="checkbox"/> II.	<input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
THIRD EDITION	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (3)	PH - _____	<input type="checkbox"/> REVISED	<input type="checkbox"/> RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS	
			<input type="checkbox"/> II.	<input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
FOURTH EDITION	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (4)	PH - _____	<input type="checkbox"/> REVISED	<input type="checkbox"/> RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS	
			<input type="checkbox"/> II.	<input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL

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-12314

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 undetermined. 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 identification 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 method.

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 BOLD ROCK

Station LONE ROCK, 1873 was identified by the substitute station method by a single closed triangle observation.

Sheet T-12314

No station were identified 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

Robert B. Melby
Robert B. Melby
Surveying Technician

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 was within accuracy limits on Strip 3.

All other points held within accuracy requirements.

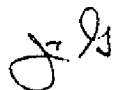
24. Supplemental Data

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.

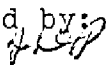
25. Photography

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

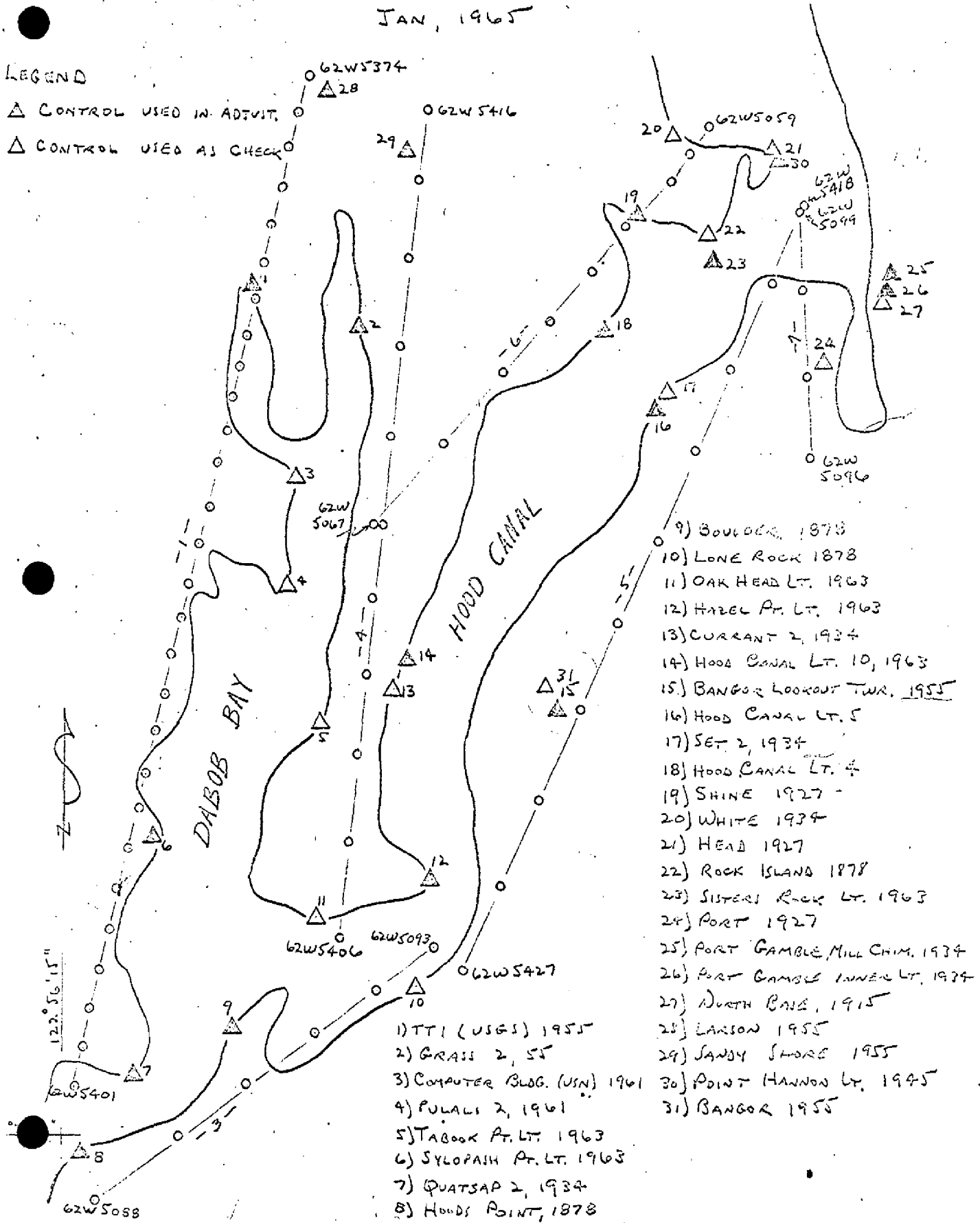
Approved by:


John D. Perrow, Jr.

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

LEGEND

- △ CONTROL USED IN ADJUST.
- △ CONTROL USED AS CHECK



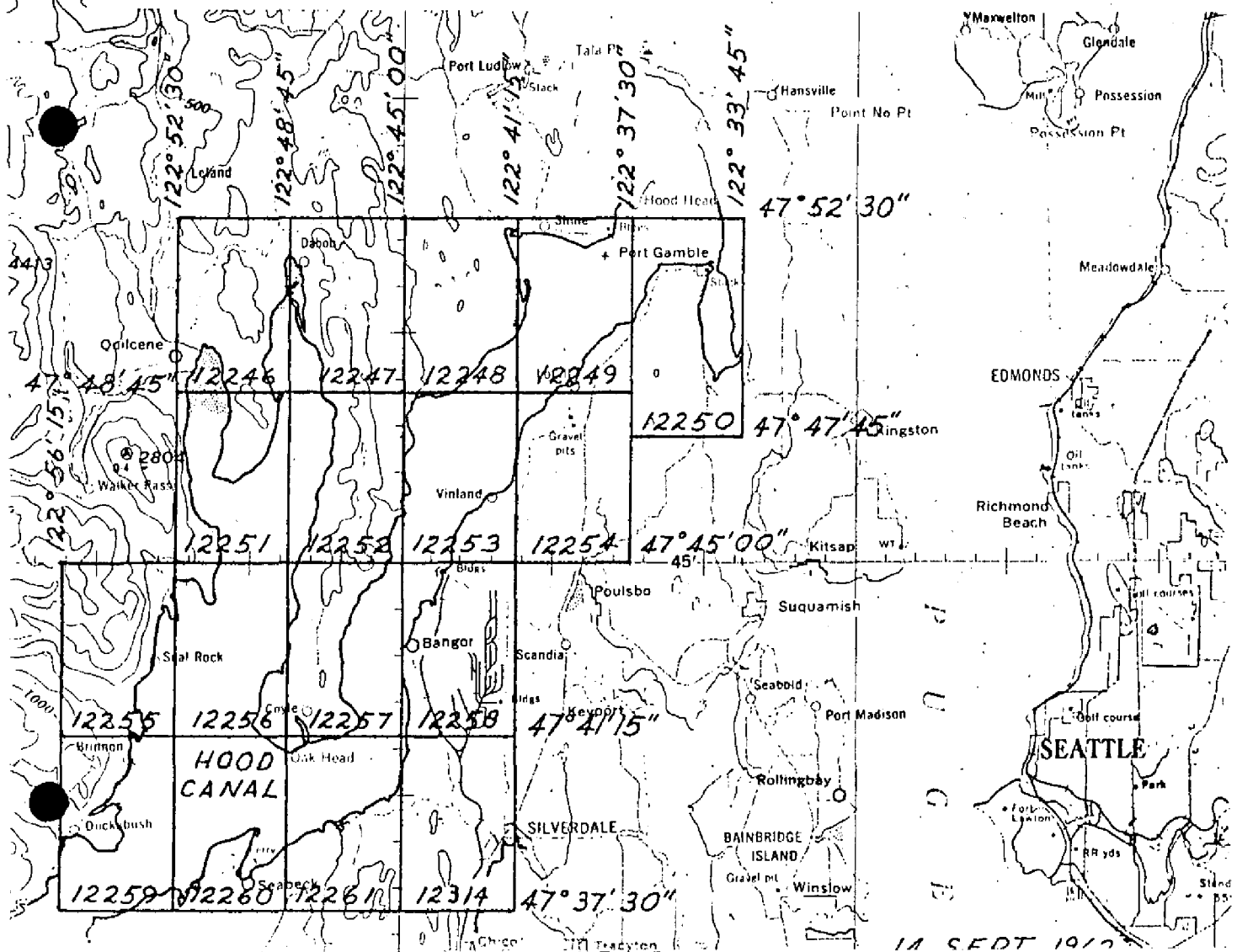
- 9) BOULDER, 1878
- 10) LONE ROCK 1878
- 11) OAK HEAD LT. 1963
- 12) HAZEL Pt. LT. 1963
- 13) CURRANT 2, 1934
- 14) HOOD CANAL LT. 10, 1963
- 15) BANGOR LOOKOUT TWR. 1955
- 16) HOOD CANAL LT. 5
- 17) SET 2, 1934
- 18) HOOD CANAL LT. 4
- 19) SHINE 1927
- 20) WHITE 1934
- 21) HEAD 1927
- 22) ROCK ISLAND 1878
- 23) SISTERS ROCK LT. 1963
- 24) PORT 1927
- 25) PORT GAMBLE MILL CHIM. 1934
- 26) PORT GAMBLE INNER LT. 1934
- 27) NORTH BAY, 1915
- 28) LARSON 1955
- 29) SANDY SHORE 1955
- 30) POINT HANNOX LT. 1945
- 31) BANGOR 1955

- 1) TT1 (USGS) 1955
- 2) GRASS 2, 55
- 3) COMPUTER BLDG. (USN) 1961
- 4) PULALI 2, 1961
- 5) TABOOK Pt. LT. 1963
- 6) SYLOPAH Pt. LT. 1963
- 7) QUATSAP 2, 1934
- 8) HONDS POINT, 1878

PROJECT PH-6211 SHORELINE MAPPING

WASHINGTON HOOD CANAL SCALE 1:40,000

Sheet No.	Square Miles	Linear Miles	Sheet No.	Square Miles	Linear Miles
12246	10	6	12255	11	8
12247	10	6	12256	2	7
12248	11	4	12257	7	10
12249	3	11	12258	11	6
12250	11	13	12259	4	11
12251	5	12	12260	3	10
12252	8	6	12261	6	6
12253	3	8	12314	11	4
12254	13	2	TOTALS	129	130



COMPILATION REPORT
T-12314

31. DELINEATION

This manuscript was compiled at 1:15,000 scale on the B-8 stereoplotter using 1962 panchromatic photography. Shoreline, alongshore, and foreshore detail was delineated.

Models were set holding to bridge points. Pass points were dropped along the shoreline and in the interior to aid in hydrographic signal location. Ratio prints of August 15, 1965, photographs were prepared for hydro support. Photo centers were resected on the manuscript.

32. CONTROL

Aerotriangulation furnished the bridge points which were adequate to control models and drop pass points for compilation. B-8 models were leveled on shoreline points.

33. SUPPLEMENTAL DATA - None.

34. CONTOURS AND DRAINAGE - Inapplicable.

35. SHORELINE AND ALONGSHORE DETAIL

Delineation of shoreline was office interpreted by using computed tide values to determine the stage of tide at the time of photography. The shallow line and the limits of sand and mud were delineated by office interpretation of the photographs.

36. OFFSHORE DETAIL

Shadows from overhanging trees made delineation of rocks along the shoreline difficult and sometimes impossible.

37. LANDMARKS AND AIDS

There are no landmarks or aids on this manuscript.

38. CONTROL FOR FUTURE SURVEYS - None.

39. JUNCTIONS

Junctions were made with T-12258 to the North and T-12314 to the West. There are no contemporary surveys to the East and South.

40 - 45 Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with USGS Quadrangle Poulsbo, Washington, scale 1:24,000, dated 1953.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Nautical Charts No. 6422, scale 1:25,000, 3rd Edition, dated Feb. 8, 1965, corrected to June 11, 1966.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY - None.

ITEMS TO BE CARRIED FORWARD - None.

Submitted by,

Martha C. Webber

Approved & forwarded
K.N. Maki
Chief, Compilation Section

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 thoroughly. 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-10-²7-69.

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 2

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

FINAL REVIEW
SHORELINE
T-12314
April 2, 1982

61. GENERAL STATEMENT

The field edit refers to boatsheets DA-10-1-69 and DA-1-2-69 only. A comparison was made with smooth sheets H-9035 and H-9036 and no changes were indicated on the compilation.

The dotted line on the manuscript is the limits of sand and mud and not the MLLW line.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS - N/A.

63. COMPARISON WITH MAPS OF OTHER AGENCIES - N/A.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

As mentioned in Item 61, a comparison was made with hydrographic surveys H-9035 and H-9036 and they are in agreement with T-12314.

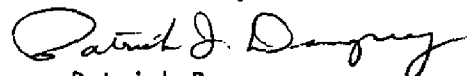
65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with nautical chart 18458, scale 1:25,000, 10th edition, dated August 15, 1981. No significant changes were noted.

66. 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-12314

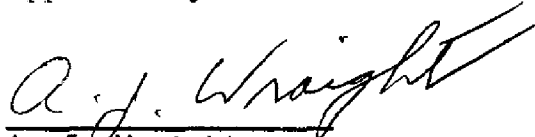
~~Bangor Station~~

~~Dyes Inlet~~

Hood Canal

~~Silverdale~~

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

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.
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