NOAA FORM 76-35 (6-80)

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

# DESCRIPTIVE REPORT

Map No.	Edition No.
TP-00696	1
Job No.	
CM-7711	
Map Classification	
FINAL MAP	
Type of Survey	
SHORELINE	
LOCALI <sup>*</sup>	ΓY
State	· · · · · · · · · · · · · · · · · · ·
Washington	
General Locality	
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NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE (3-72) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY	SURVEY TP- 00696
	ORIGINAL	MAPEDITION NO. (1)
DESCRIPTIVE REPORT - DATA RECORD	RESURVEY	MAP CLASSI
	REVISED	јов <b>жиСМ-771</b> ]
PHOTOGRAMMETRIC OFFICE	LAST PRECEE	DING MAP EDITION
Coastal Mapping Division, AMC, Norfolk, VA	TYPE OF SURVEY	JOB PH
OFFICER-IN-CHARGE	RESURVEY	SURVEY DATES:
Jeffery G. Carlen, CDR	RÉVISED	19TO 19
I. INSTRUCTIONS DATED		
1. OFFICE	2	, FIELD
Aerotriangulation Oct. 26, 1977	Premarking	April 20, 1977

Nov. 17, 1977

Dec. 05, 1977

XX 1927 NORTH AMERICAN

Photography

Supplement~I

L. O. Neterer, Jr.

P. DEMOSEY E DAUGHERTY

OTHER (Specify)

May 10, 1977

Oct. 3, 1977

2. VERTICAL:	MEAN HIGH-WAT  MEAN LOW-WAT  MEAN LOWER L  MEAN SEA LEV	ER OW-WATER	OTHER (Specify)			
3. MAP PROJECTION		<del></del>		L GRID(S)		
			STATE	ZONE		
Lambert Conforma	1 Conic		Washington	Nor	rth	
5. SCALE			STATE	ZONE		
1:10,000						
III. HISTORY OF OFFICE O	PERATIONS					
	OPERATIONS		NAME		0.	ATE
I. AEROTRIANGULATION		BY	S. Solbeck		Nov.	1977
METHOD: Analyti	C LANDMARK	S AND AIDS BY	J. Perrow		Nov.	
2. CONTROL AND BRIDGE	POINTS	PLOTTED BY	S. Solbeck		Dec	1977
METHOD: Coradom	at	CHECKED BY	J. Perrow		Dec.	1977
3. STEREOSCOPIC INSTRU	MENT PL	ANIMETRY BY	R. R. Kravitz		Dec.	1977
COMPILATION		CHECKED BY	L. O. Neterer, J	r.	Dec.	1977
INSTRUMENT: Wild	B-8	CONTOURS BY	N.A.			
SCALE: 1:10,	000	CHECKED BY	N.A.	- <del></del>		
4. MANUSCRIPT DELINEAT	TION PL	ANIMETRY BY	R. R. Kravitz		Jan.	1978
	_	CHECKED BY	J. Byrd		Feb.	1978
метнор: Smoot	h-drafted	CONTOURS BY	N.A.		<u> </u>	
Memor. Dinoce.	_	CHECKED BY	N.A.		<u> </u>	
scale: 91:10,00	OO HYDRO SUPI	PORT DATA BY	R. R. Kravitz		Jan.	1978
30ALE. JA. 1070.		CHECKED BY	J. Byrd		Feb.	1978
5. OFFICE INSPECTION P	RIOR TO FIELD EDIT	вү	J. Byrd		Feb.	1978
6. APPLICATION OF FIEL	D EDIT DATA	BY	C. W. Goff		Dec.	<u> 1978</u>
G. AFFEICATION OF FIEL	D EUT DATA	CHECKED BY	J. R. Minton		Dec.	<u> 1978</u>
7. COMPILATION SECTION	REVIEW	BY	D. Butler	<del></del> _	Sept.	1983
8. FINAL REVIEW		ВҮ	L. O. Neterer, J	r	Apr.	<u> 1985 </u>
•			l <b>–</b> –		1 .	

ΒY

9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH

10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH

Compilation

Amendment I

1. HORIZONTAL:

II. DATUMS

				NATIONAL OCE	THE AND A		OCEAN SURV
		CO	MPILATIO	N SOURCES			
1. COMPILATION PHOTOGR	RAPHY	<del></del>	<del></del>		<u> </u>		
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NUMBER AND TYPE		DATE	TIME	SCALE		STAGE OF	TIDE
77B(P)7916 thru 7	923	Aug. 1,1977	15:30	1:30,000	6.1	ft. above	MLLW
77B(P)7904 thru 7	911	Aug. 1,1977	15:11	1:20,000	5.2	ft. above	MLLW
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3. SOURCE:OHXMEMERES SOURCE OF LOWER	OW Wate	er Line was	compile	d urveys that are sources f			oformation.) Y COPY USED

X LIETO INSLECTIO	on operation (Premarking) 🗆 Fie	LD EDIT OPERATION		
	OPERATION	NAM		DATE
CHIEF OF FIELD PA	RTY	R. Melby		Aug` 1977
	RECOVERED BY	R. Melby		Aug 1977
HORIZONTAL CONT	ROL ESTABLISHED BY	1.10110		
	PRE-MARKED OR IDENTIFIED BY	<del> </del>		Aug 1977
_	RECOVERED BY	1010		
VERTICAL CONTROL				
	PRE-MARKED OR IDENTIFIED BY			
I ANDHARKS AND	RECOVERED (Triangulation Stations) BY	Mana	<del></del>	
LANDMARKS AND AIDS TO NAVIGATIO	LOCATED (Field Methods) BY	None	<del></del>	
	TYPE OF INVESTIGATION	None	<del></del>	<del></del>
GEOGRAPHIC NAMES	COMPLETE			
INVESTIGATION	SPECIFIC NAMES ONLY	<u> </u>		
	NO INVESTIGATION			
PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None		
BOUNDARIES AND L	IMITS SURVEYED OR IDENTIFIED BY	N.A.	`	
SOURCE DATA		12		
HORIZONTAL CONTI	PANELED PANELED	2. VERTICAL CONTRO	DL IDENTIFIED	
		None		
HOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIG	NATION
	YMPIC 3, R.M.7, 1973			
778-7918 01	YMPIC 3, R.M.7, 1973			
778-7918 01	YMPIC 3, R.M.7, 1973			
77B-7918 01  PHOTO NUMBERS (C	YMPIC 3, R.M.7, 1973			
778-7918 01 PHOTO NUMBERS (C None	YMPIC 3, R.M.7, 1973			
778-7918 OF PHOTO NUMBERS (C. None  LANDMARKS AND AL NONE	YMPIC 3, R.M.7, 1973	PHOTO NUMBER	OBJECT NA	
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77B-7918 01  PHOTO NUMBERS (C None	LYMPIC 3, R.M.7, 1973  **Interception of details**  DS TO NAVIGATION IDENTIFIED  OBJECT NAME  S: REPORT   X NONE		OBJECT NA	

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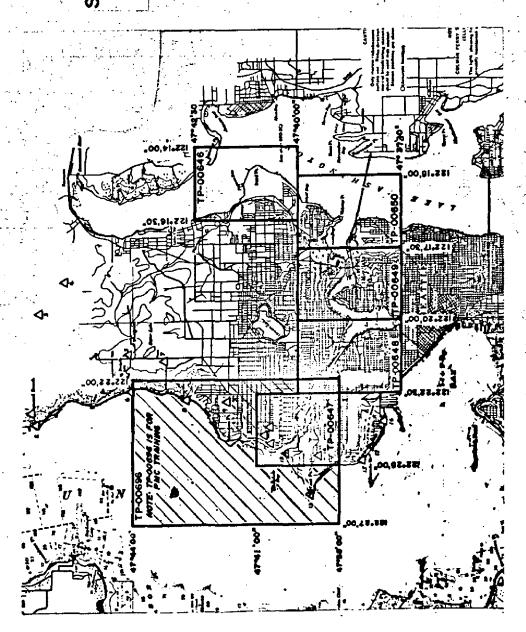
13-72)		NATIONAL OCEANIC	AND ATMOSPHER	
	TP-00696 HISTORY OF FIELD	OPERATIONS	NATION	AL OCEAN SURVE
I. TIELD INSPECTION O	PERATION X FIELD	D EDIT OPERATION		
	OPERATION	NAI	ME	DATE
. CHIEF OF FIELD PARTY				
	RECOVERED BY	R. Melby		Aug 1978
. HORIZONTAL CONTROL	ESTABLISHED BY	R. Melby		Aug 1978
	PRE-MARKED OR IDENTIFIED BY	None		
	RECOVERED BY	None		<u> </u>
3. VERTICAL CONTROL	ESTABLISHED BY	None		<u> </u>
·	PRE-MARKED OR IDENTIFIED BY	None R. Melby	<del>-</del>	Aug 1978
4 I ANDUARKE AND	RECOVERED (Triangulation Stations) BY	R. Melby		Aug 1978 Aug 1978
I. LANDMARKS AND AIDS TO NAVIGATION	LOCATED (Field Methods) BY	None None		Hug 1970
<del></del>	TYPE OF INVESTIGATION	Mone		
CEOCRADUIC NAMES	COMPLETE			
5. GEOGRAPHIC NAMES INVESTIGATION	SPECIFIC NAMES ONLY			
	X NO INVESTIGATION			
S. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	R. Melby		Aug 1978
, BOUNDARIES AND LIMITS	<del></del>	N.A.	<del></del>	1.49 1570
I. SOURCE DATA		1,11,11		<u> </u>
. HORIZONTAL CONTROL	DENTIFIED	2. VERTICAL CONTE	OL IDENTIFIED	
None		None		
PHOTO NUMBER	STATION NAME	РНОТО NUMBER	STATION DE	SIGNATION
3. PHOTO NUMBERS (Clariti	cation of details)	<u> </u>		
77B(P)7904 thru	7910			
LANDMARKS AND AIDS T	O NAVIGATION IDENTIFIED			
None				
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT	NAME
5. GEOGRAPHIC NAMES: 7. SUPPLEMENTAL MAPS A	REPORT NONE	6. BOUNDARY AND I	LIMITS; REPO	RT 🛣 NONE
Field Edit Repor One Film Ozalid	(Sketch books, etc. <b>DO NOT</b> list data submit t with field notes of field positions	tted to the Geodesy Divi	sion)	

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

### RECORD OF SURVEY USE

		RECU:	RD OF SURVE	1 035			
I. MANUSCRI	PT COPIES						
	Col	PILATION STAGE	\$	<del></del>	DATE	MANUSCRI	PT FORWARDED
DA	TA COMPILED	DATE	RE	MARKS	MARINE	CHARTS	HYDRO SUPPORT
. –	tion complete	Jan. 1978	Class III	Manuserij	pt #		
	lit applied ion complete	Dec. 1978	Class I Ma	anuscript	may 15,	1779	
Final Re	eview	April 1985	Final Map				
	RKS AND AIDS TO HAVIGA					····	
1. REPOR	TTS TO MARINE CHART DI	VISION, NAUTICAL	DATA BRANCH		<del></del>		·
Number (pages)	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	~		REMARKS	<del></del>	
2		May 15,1979	Landmarks	and aids	to be cha	rted	·
					··	<del>-</del>	
	PORT TO MARINE CHART					WARDED:	
	L RECORDS CENTER DAT		HE MONTON	- DATA GEGIN	JANE - JA		
2. 🔀 C	RIDGING PHOTOGRAPHS; DNTROL STATION IDENTI	FICATION CARDS;	FORM NO	5 567 SUBMIT	TED BY FIELD I	PARTIES.	
	DURCE DATA (except for Go CCOUNT FOR EXCEPTION		port) AS LISTED I	IN SECTION II	,NOAA FORM 76-	.36C.	
4 🗀 D	ATA TO FEDERAL RECOR	DS CENTER. DAT	E FORWARDED:				
IV. SURVEY	EDITIONS (This section si			o edition is reg			
450045	SURVEY NUMBER	JOB NUMBER	•	,	TYPE OF	SURVEY	
SECOND EDITION	DATE OF PHOTOGRAPH		ELD EDIT	_	MAPO	LASS	_
<u></u>	SURVEY NUMBER	JOB NUMBER		☐n.	TYPE OF	_	FINAL
THIRD			•		REVISED	RES	URVEY
EDITION	DATE OF PHOTOGRAPH	Y DATE OF FI	ELD EDIT		MAPC		<b>-</b> 1.1-1
27111011				<b>□</b> 11.	□in. □iv.	□v.	FINAL
<b></b>	SURVEY NUMBER	JOB NUMBER	4		TYPE OF	SURVEY	
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: I JUN	1	1		□		Πv	n l

CM-77II SHILSHOLE BAY TO SAND PT. WASHINGTON SHORELINE MAPPING SCALE 15000 B. 10,000



REVISED 4-23-85 D.B.

#### SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT

#### TP-00696

This 1:10,000 scale shoreline map is one of six maps that comprise project CM-7711, Shilshole Bay to Sand Point, Washington.

This project encompasses Sand Point, Washington on Lake Washington longitude 122°14'00" west including Lake Washington Ship Canal to Shilshole Bay longitude 122°27'00".

Photographic coverage was provided in August using the "B" camera (focal length 152.74 mm) with black and white panchromatic film at 1:30,000 scale for bridging and 1:20,000 for compilation.

Field work done prior to compilation was accomplished in two parts: first the premarking of horizontal control in August 1977, second the photoidentification of horizontal control in October 1977. They were done to meet requirements for aerotriangulation.

Analytic aerotriangulation was performed at the Washington Science Center in December, 1977.

Compilation was performed and hydrographic support photographs were prepared at the Atlantic Marine Center in April 1978.

Field edit was accomplished from May through August 1978.

The entire project was sent to the Pacific Marine Center in May 1978 with field edit being applied in December 1978.

Final Review was performed at the Atlantic Marine Center in April, 1985.

This Descriptive Report contains all pertinent data used to compile this final map.

The original base map and all pertinent data were forwarded to the Washington Science Center in May 1985.

#### FIELD INSPECTION

TP- 00696

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.

# PHOTOGRAMMETRIC PLOT REPORT SHILSHOLE BAY TO SAND POINT WASHINGTON CM-7711

#### NOVEMBER 2, 1977

#### AREA COVERED

The area covered by this report is the eastern Puget Sound shoreline surrounding Shilshole Bay.

One 1:10,000 scale manuscript is submitted: TP-00696.

#### METHOD

One strip of 1:30,000 black-and-white panchromatic photography (77-B-7916-7921) was bridged by analytic aerotriangulation methods. Field identified control was provided.

Common points were located on the bridging photography and the 1:20,000 scale compilation photography for ratio purposes. Additional common points were located on the same photography to allow for B-8 stereo compilation.

Ratio prints have been ordered. The manuscript was ruled on the Coradomat.

# ADEQUACY OF CONTROL

All control checked well within map accuracy standards.

#### SUPPLEMENTAL DATA

USGS quadrangles were used to provide vertical control for the stirp adjustment.

#### PHOTOGRAPHY

The coverage, overlap and quality of the photography proved adequate for the job.

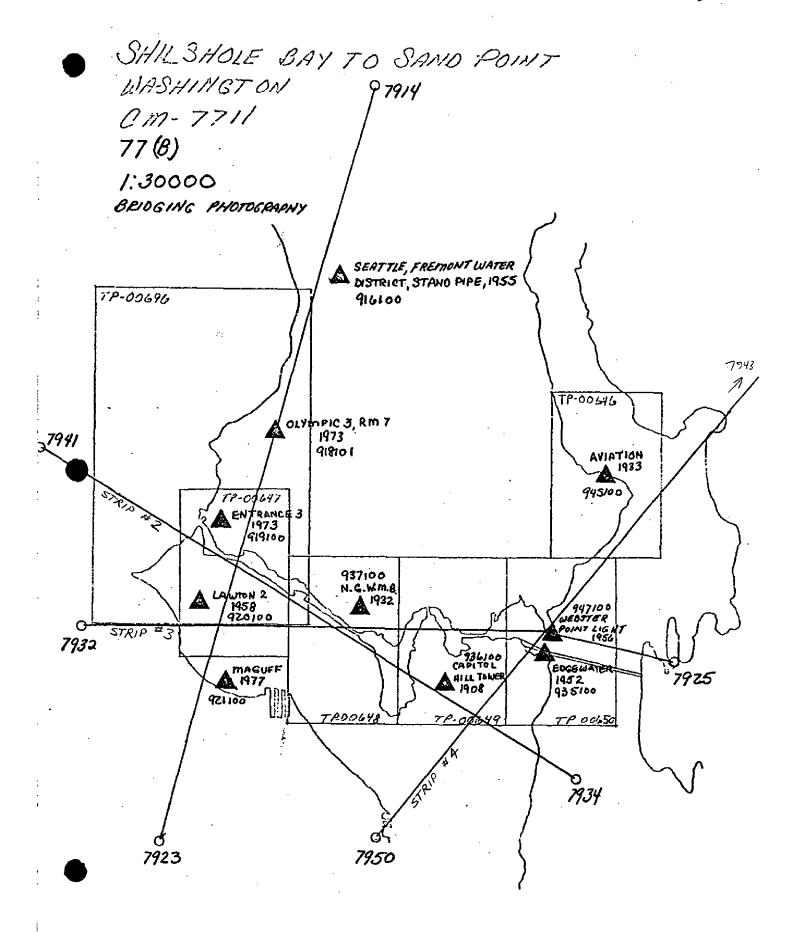
Respectfully Submitted

8tephen H. Solbeck

Approyed and Forwarded:

John D. Perrow, Jr.

Chief, Aerotriangulation Section



# SHILSHOLE BAY TO SAND POINT WASHINGTON 0m-7711 7902 1:15000 77 (8) 1:20000 COMPILATION PHOTOGRAPHY SEATTLE, FREMONT WATER DISTRICT, STANDFIPE, 1955 TP-00696 916100 TP-00646 OLYMPIC 3, RM7 1973 918101 AVIATION 915 100 7827 TP-00647 ENTRANCE 3 1973 919100 7900 937100 N.G.W.M.B. LAWTON 1958 1932 WEBSTER POINT 42000 LICHT, 1956 EDGEWATER **STRIP** # 12 CAPITOL HILL TOUTE MAGUFE 1972 1952 935100 921100 7888 79/2 TROOGYA TP 00650 STRIP # 13 7884 7816 7814

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NOAA FORM 76-41   (6-75)				NATIONAL OCEA	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	INT OF COMMERCE
		DESCRIPTIV	DESCRIPTIVE REPORT CONTROL RECORD			
MAP NO.	ON BOF		GEODETIC DATUM	ORIGINA	ORIGINATING ACTIVITY	
TP-00696	CM-7711	_	N.A. 1927	Coastal	1 Mapping Division,	sion, AMC
	TO HORION	AEROTRI-	COORDINATES IN FEET	GEOGRAPHIC POSITION		
STATION NAME	INFORMATION (Index)	POINT	stare Mashington	\$ LATITUDE	<del>*- • •</del>	REMARKS
	,	NUMBER	ZONE NOTUI	A LONGITUDE		
	Washington		χ=	\$ 47°41'42.730"		
ULYMPIC 3 RM/, 1973	King County	918101	η≠.	λ 122°22'45.417"		
WEST BOINT (IGHTHOUSE 1921	Washington		=χ	φ 47°39'43.724"		
1361 FIGHINGOE 3 1351	King County	13A	η. ·	λ 122°26'04.068"		
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СОМРИТЕВ ВҮ		DATE	COMPUTATION CHECKED BY		DATE	
LISTED BY R. R. Kravitz		22 Jan 78	LISTING CHECKED BY F. Mauldin	din	DATE 27	Jan 1978
HAND PLOTTING BY			HAND PLOTTING CHECKED BY		DATE	
		SUPERSEDES NO	RSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE	CH IS OBSOLETE.		

#### COMPILATION REPORT CM-7711 TP-00696

#### 31 ~ DELINEATION

Delineation was by stereo instrument methods using the Wild B-8 stereoplotter with 1:20,000 and 1:30,000 scale panchromatic photographs. Coverage and quality of the photographs were adequate for compilation.

#### 32 - CONTROL

The placement, identification, and accuracy of the aerotriangulated control, that was furnished for the express purpose of controlling the stereo-models, was adequate. Refer to the Photogrammetric Plot Report dated December 1977.

#### 33 - SUPPLEMENTAL DATA

None.

#### 34 - CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was delineated by the Wild B-8 stereoplotter.

#### 35 - SHORELINE AND ALONGSHORE DETAILS

Refer to Form 76-36B, item 2 for delineation of the mean high water line.

Alongshore details were delineated using the Wild B-8 stereoplotter, and supplemented by office stereoscopic interpretation of the ratio photographs which were controlled with pass points that were selected and dropped during the stereo-instrument compilation of the shoreline and interior detail.

#### 36 - OFFSHORE DETAILS

None.

#### 37 - LANDMARKS AND ALDS

There was one charted landmark and one charted nonfloating aid to navigation within the mapping limits of this manuscript. Both were located photogrammetrically.

#### 38 - CONTROL FOR FUTURE SURVEYS

None.

#### TP-00696

#### 39 - JUNCTIONS

Refer to the Compilation Sources, Form 76-36B, item 5.

#### 40 - HORIZONTAL AND VERTICAL ACCURACY

Refer to the Photogrammetric Plot Report dated December 1977.

#### 46 - COMPARISON WITH EXISTING MAPS

A comparison was made with U.S. Geological Survey quadrangles: Shilshole Bay, Washington, scale 1:24,000, dated 1949, photorevised 1968 and Seattle North, Washington, scale 1:24,000, dated 1949, photorevised 1968.

#### 47 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with National Ocean Survey Charts: 18446, 8th edition, scale 1:25,000, dated Nov. 29, 1975 18447, 15the edition, scale 1:25,000 (with a 1:10,000 scale inset), dated February 19, 1977.

#### ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

#### ITEMS TO BE CARRIED FORWARD

None.

Submitted by,

Cartographic Technician

Approved,

Albert C. Rauck, Jr.

Chief, Coastal Mapping Section

# GEOGRAPHIC NAMES

# FINAL NAME SHEET

# CM-7711 (Puget Sound, Washington)

# TP-00696

Blue Ridge (locality)

Puget Sound

Burlington Northern (RR)

Seattle

Loyal Heights

Shilshole Bay

Meadow Point

West Point

Pipers Creek

Approved by:

Charles E. Harrington Chief Geographer

Nautical Charting Division

# FIELD EDIT REPORT

SHILSHOLE BAY TO SAND POINT, WASHINGTON

MAY - AUGUST 1978

Map Manuscripts TP-00647, TP-00648, TP-00649, TP-00696

Project CM-7711

# FIELD EDIT REPORT SHILSHOLE BAY TO SAND POINT, WASHINGTON MAY - AUGUST 1978 Map Manuscripts TP-00647, TP-00648, TP-00649, TP-00696 Project CM-7711

The field edit was originally assigned to the Ship DAVIDSON, but due to scheduling they were unable to finish. PMC Photo Party was then assigned the completion of the job.

The entire shoreline was inspected by using a small boat. Both a copy of the field edit sheet print and the photographs were used. If a discrepancy was noted, it would be compared with the photograph to see if it could be resolved that way. Several piles and dolphins were located this way.

All inquiries on the Master Field Edit Ozalids were answered. One statement asks for a recovery note on all of the control stations on each manuscript. This was altered as PMC has gone to the TENCOL (Terminal Entry Command Language) system and the recovery note (Form 76-165) is no longer used. At the time of this report the recovery notes and/or descriptions have not been sent to Rockville over the terminal, however, to aid the compiler, all those stations which have been recovered will have a statement to that effect on the Master Field Edit Ozalid. There were some recovery notes written in 1977. A copy of those will be sent with this report.

A copy of the field positions for new control completed in 1977 and 1978 will be sent with this report. Some control work was done in Lake Union by PMC personnel in 1975. This will also be sent with this report.

# Adequacy of Compilation:

The extent and accuracy of the maps appear to be reasonably complete. Considering the congestion in the area, the compiler did a good job.

Some new piers, piles and dolphins were found that were constructed after the photography was taken. Plot plans were were obtained for most of the new piers. Corresponding features were marked on the plans and photographs to aid the compiler in orienting the plans with the shoreline. Other piers and dolphins were located with fixes and/or sketches. This information will be found in the sketchbook that will be submitted with the field edit data.

All fixed aids to navigation were located and/or verified. See the appropriate form 76-40.

All landmarks were checked in the field for thier authenticity. See the appropriate form 76-40

Purple ink was used to indicate corrections on the Master Field Edit Ozalid. Green ink was used to indicate deletions. Red ink was used on the photographs.

There was a considerable lack of signs along the shoreline to indicate cable crossings and/or pipeline crossings. The Telephone Company, Seattle City Light, Seattle Sewer Department and the Seattle Water Department were all contacted to locate their crossings. These are indicated on the Master Field Edit Ozalid.

Information pertinent to each manuscript will be discussed under each listed manuscript number.

#### TP-00649

Two new piers and seven dolphins have been constructed since the photography was taken. A plot plan for the pier at St. Vincent de Paul was obtained. A building that is on both the plot plan and the photograph was indicated for aid in compiling this feature. The seven dolphins were located by setting a theodlite over a compiled photo point (the corner of a pier) and angles turned to two controlled intersection stations to the dolphins. Distance was obtained by stadia. This information is in the sketchbook.

The other pier was located by a three point fix at the south end of the pier. The information needed is in the sketchbook under Item 1.

#### TP-00648

Four new piers were built since the photographs were taken. Plot plans were obtained for Items 8 and 9.

Items 3 and 7 were sketched. See the sketchbook.

Several dolphins and piles were obscured by shadows at the northeast end of the George Washington Memorial Bridge. The position for these dolphins and piles was computed by the field editor. See attached computations sketchbook under Item 2.

#### TP-00647

On the Master Film Edit Ozalid the longitude line on the upper right hand corner is labeled as  $122^{\circ}$  30' 00". It should read  $122^{\circ}$  22' 30".

There are two small new piers in the Fisherman's Terminal area that have been built since the photographs were taken. See under Item 4 in the sketchbook.

#### TP-00696

There are several piles in ruins not on the manuscript or on the photograph. These were positioned with a theodolite three-point fix with angles and stadia distances to the piles. The records are on three sketchbook sheets. The three-point fix was computed by the field editor.

On the north shore at West Point there are several rocks that were not charted. These were located by setting a theodolite over a control station (SHAY, 1977) and taking angles and stadia distances to the rocks. The records are on a sketchbook page.

Respectfully submitted,

Lyle L. Riggers Surveying Technician

Lyle I Rigg

Approved;

Robert B. Melby

PMC Photo Party CPM 133

#### REVIEW REPORT SHORELINE

#### TP-00696

#### 61 - GENERAL STATEMENT

See Summary included with this report.

# 62 - COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Not applicable.

#### 63 - COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with U.S.G.S. quadrangles: Seattle North, Washington and Shilshole Bay, Washington; both are dated 1949, photorevised 1968 and 1:24,000 scale.

# 64 - COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with a registered copy of hydrographic survey H-9744, scale 1:10,000 dated March through November 1978 and February through April 1980.

#### 65 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS Charts: 18447, 21st edition, dated April 1984, scale 1:10,000 and 1:25,000 18446, 12th edition, dated January 14, 1984, scale 1:25,000.

#### 66 - ADEQUACY OF RESULTS AND FUTURE SURVEYS

This map complies with Project Instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by

Lowell O. Neterer, Jr

Final Reviewer March 14, 1985

TP-00696

Approved for forwarding

Billy H. Barnes Chief, Photogrammetric Section, AMC

Approved

Chief, Photogrammetric Section, Rockville

Chief, Photogrammetry Branch, Rockville

Original Sent to Charts 05/15/79

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EXAMPLE: 75E(C)6042 8-12-75	E 9	graph used to locate EXAMPLE: P-8-V 8-12-75 74L(C)2982	or identity the object.
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*FIELD POSITIONS are determined by field obser- vations based entirely upon ground survey methods.	ods.	ie tr	

NOAA FORM 78-40 (8-74)

SUPERSEDES NOAA FORM 74-40 (2-71) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

☆ U.S.GPO:1975-0-665-080/1155

Original sent to Charts 05/15/79

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*FIELD POSITIONS are determined by field obser- vations based entirely upon ground survey methods	A. Field positions* require location and date of fiel EXAMPLE: F-2-6-L 8-12-75	3 - Intersection 7 - Planeta 4 - Resection 8 - Sextant	d lation 5 -	EW POSITION DETERMI nter the applicable - Field - Located	OFFICE 1. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the bject.  EXAMPLE: 75E(C)6042  8-12-75		FORMS ORIGINATED BY QUALITY CONTROL. AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	F-0511 IONS DETERMINED AND/OR VERIFIED	OBJECTS INSPECTED FROM SEAWARD	TYPE OF ACTION	
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tric methods.	8-12-75 IC FIELD POSITIONS are dependent in part, upon control established	POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V+Vis.' and date.	70	TRIANGULATION STATION RECOVERED When a landmark or aid which is also a tri- angulation station is recovered, enter 'Triang. Rec.' with date of recovery.	<pre>mmetric field positions** require   method of location or verification,   field work and number of the photo-   ed to locate or identify the object.     P-8-V     8-12-75     74L(C)2982</pre>	LOCATION'	☐ REVIEWER ☐ QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE	PIELD ACTIVITY REPRESENTATIVE	☐ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ OTHER (Specify)	ORIGINATOR	

NOAA FORM 76-40 (8-74)

SUPERSEDES NOAA FORM 75-40 (2-71) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION.

# RECORD OF APPLICATION TO CHARTS

TP-00696

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 Res

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CHART	DATE	CARTOGRAPHER	REMARKS
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