

TP-00372

TP-00372

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Shoreline

Type of Survey

Job No. PH-7110 Map No. TP-00372

Classification No. Edition No. 1

Final Field Edited Map

LOCALITY

State Washington

General Locality Hood Canal

Locality Tahuya River

1971 TO 1973

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP-00372	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. (1)	
				<input type="checkbox"/> RESURVEY		MAP CLASS Final	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Norfolk, Va.				<input type="checkbox"/> REVISED		JOB PH. 7110	
				OFFICER-IN-CHARGE Jeffrey G. Carlen			
				TYPE OF SURVEY		JOB PH. _____	
				<input type="checkbox"/> ORIGINAL		MAP CLASS _____	
				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19__ TO 19__	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation Compilation				Field April 30, 1971			
July 15, 1971 Dec. 13, 1971							
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				4. GRID(S)			
Polyconic				STATE Washington		ZONE South	
5. SCALE 1:10,000				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION METHOD: Analytical				BY D. Norman		Nov 1971	
LANDMARKS AND AIDS BY							
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat				PLOTTED BY D. Phillips		Dec 1971	
				CHECKED BY D. Phillips		Dec 1971	
3. STEREOSCOPIC INSTRUMENT COMPILATION				PLANIMETRY BY L. O. Neterer		Jan 1972	
INSTRUMENT: Wild B-8				CHECKED BY R. R. White		Jan 1972	
SCALE: 1:15,000				CONTOURS BY NA			
				CHECKED BY NA			
4. MANUSCRIPT DELINEATION				PLANIMETRY BY L. O. Neterer		Feb 1972	
METHOD: Smooth drafted				CHECKED BY A. L. Shands		Feb 1972	
				CONTOURS BY NA			
				CHECKED BY NA			
SCALE: 1:10,000				HYDRO SUPPORT DATA BY L. O. Neterer		Feb 1972	
				CHECKED BY A. L. Shands		Feb 1972	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT				BY A. L. Shands		Feb 1972	
				BY R. R. White		May 1974	
6. APPLICATION OF FIELD EDIT DATA				CHECKED BY J. Byrd		Jul 1977	
7. COMPILATION SECTION REVIEW				BY J. Byrd		Jul 1977	
8. FINAL REVIEW				BY C. Blood		Aug 1988	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH				BY J. Byrd		Sep 1988	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH				BY P. Dempsey		Jan 1989	
11. MAP REGISTERED - COASTAL SURVEY SECTION				BY J. R. KNOX		MAR 1989	

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "E" FL = 152.71mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR X (P) PANCHROMATIC (I) INFRARED		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Pacific	
				MERIDIAN	
				120th	
				<input type="checkbox"/> DAYLIGHT	

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
*71 E(C) 4023-4026	5/2/71	10:19	1:30,000	7.9 ft. above MLLW
71 E(C) 4159-4163	5/2/71	11:57	1:20,000	6.5 ft. above MLLW
71 E(C) 4172-4175	5/2/71	12:06	1:20,000	6.3 ft. above MLLW

REMARKS
*Compilation photographs

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high-water line was delineated from the listed compilation photographs.

3. SOURCE OF MEAN LOW-WATER LINE:

No compilation.

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
TP-00369	TP-00373	No Survey	TP-00371

REMARKS

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

TP-00372

HISTORY OF FIELD OPERATIONS

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. B. Melby	Apr 1971
2. HORIZONTAL CONTROL	RECOVERED BY	R. B. Melby
	ESTABLISHED BY	None
	PRE-MARKED OR IDENTIFIED BY	L. L. Riggers
3. VERTICAL CONTROL	RECOVERED BY	NA
	ESTABLISHED BY	NA
	PRE-MARKED OR IDENTIFIED BY	Na
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (<i>Triangulation Stations</i>) BY	None
	LOCATED (<i>Field Methods</i>) BY	None
	IDENTIFIED BY	None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	<input type="checkbox"/> COMPLETE BY	
	<input type="checkbox"/> SPECIFIC NAMES ONLY BY	
	<input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
71E(C)4025 4022	SMOKE, 1934 GREEN POINT 2, 1934		

3. PHOTO NUMBERS (*Clarification of details*)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: REPORT NONE6. 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*)

2 forms 152

TP-00372

HISTORY OF FIELD OPERATIONS

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	G. Poor	Mar 1973
2. HORIZONTAL CONTROL	RECOVERED BY	None
	ESTABLISHED BY	None
	PRE-MARKED OR IDENTIFIED BY	None
3. VERTICAL CONTROL	RECOVERED BY	NA
	ESTABLISHED BY	NA
	PRE-MARKED OR IDENTIFIED BY	NA
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (<i>Triangulation Stations</i>) BY	None
	LOCATED (<i>Field Methods</i>) BY	None
	IDENTIFIED BY	None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE BY <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	S. Birkey
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED	2. VERTICAL CONTROL IDENTIFIED
None	NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (*Clarification of details*):
71E(C) 4159, 4162, 4163, 4174, 4176

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*)
Field Edit Ozalid, Hydro Signal Overlay, Field edit report

I. MANUSCRIPT COPIES			DATE MANUSCRIPT FORWARDED	
COMPILATION STAGES			MARINE CHARTS	HYDRO SUPPORT
DATA COMPILED	DATE	REMARKS		
Compilation complete pending field edit	Feb 1972	Class III Map	2/25/72	2/23/72
Field Edit Applied	May 1972	Class I Map	8/24/83	
Final Review	Aug 1988	Final		

II. LANDMARKS AND AIDS TO NAVIGATION None

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

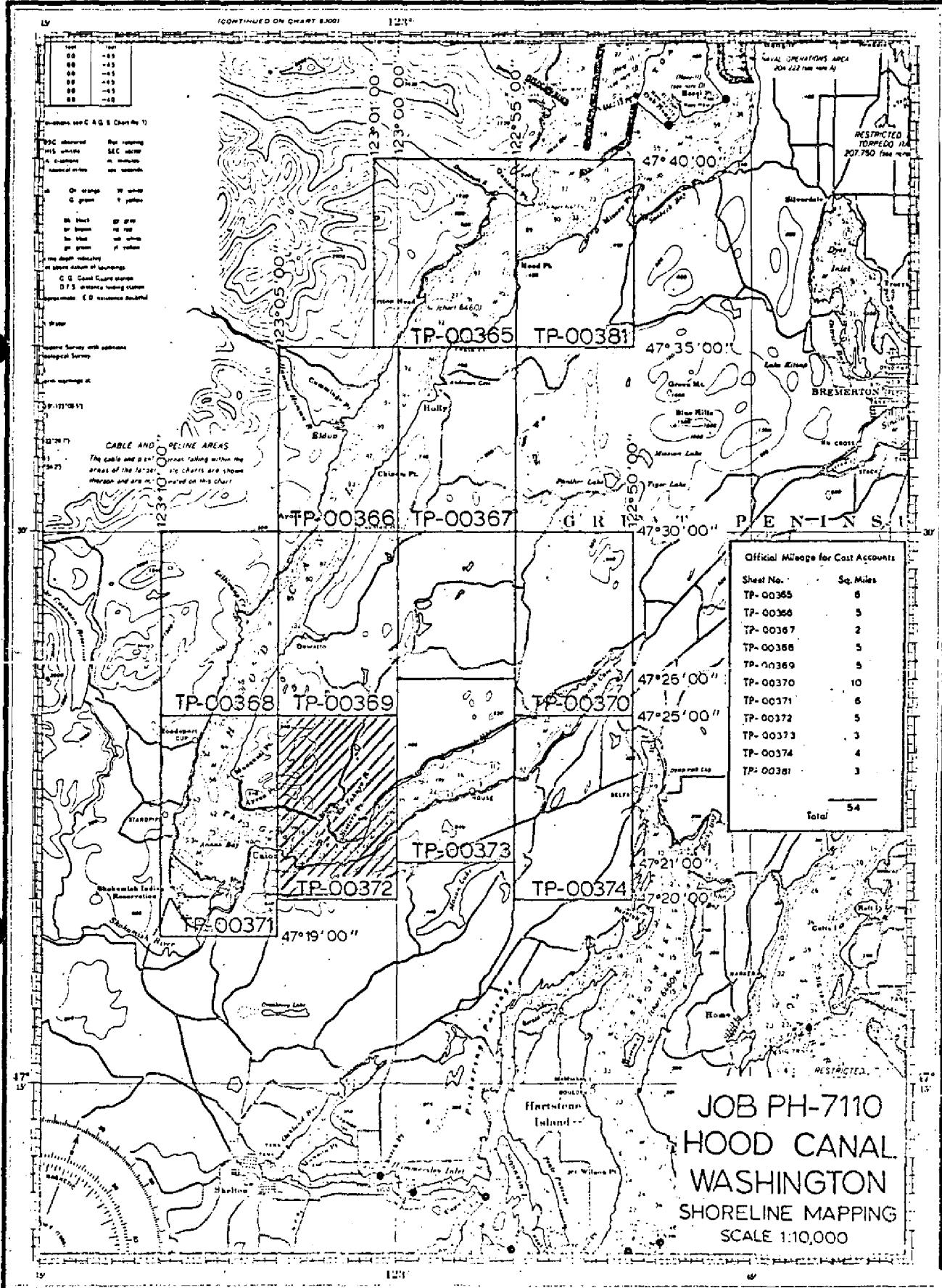
NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

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 ⁷⁶⁻⁴⁰ ~~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: _____

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

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <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 TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <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 TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <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



100	100
00	-05
00	-10
00	-15
00	-20
00	-25
00	-30
00	-35
00	-40

Examples see C & G S Chart No. 1)

TPC observed Red ranging
 1000 white SEC water
 A. 1000 ft M. 1000 ft
 number of miles and minutes

On orange W. white
 C. green Y. yellow

M. black 00. 000
 10. 100 100. 100
 100. 100 1000. 100
 1000. 100 10000. 100

The depth indicated
 is based upon a datum
 C. G. Coast and Geodetic Survey
 D.F.S. datum being station
 approximately 100 feet above mean low tide

Surveyed by
 Hydrographic Survey
 with electronic
 sounding system
 P-1717/811

12/28/77
 12/27/77

CABLE AND REELING AREAS
 The cables and reels
 are shown within the
 areas of the chart
 shown and are not
 to be used as a
 basis for navigation

Official Mileage for Cost Accounts

Sheet No.	Sq. Miles
TP-00365	6
TP-00366	5
TP-00367	2
TP-00368	5
TP-00369	5
TP-00370	10
TP-00371	6
TP-00372	5
TP-00373	3
TP-00374	4
TP-00381	3
Total	54

JOB PH-7110
HOOD CANAL
WASHINGTON
SHORELINE MAPPING
SCALE 1:10,000

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00372

This 1:10,000 scale Final shoreline map is one of eleven 1:10,000 scale maps designated as project PH-7110, Hood Canal, Washington.

The purpose of this map was to provide contemporary shoreline in support of hydrographic operations and to aid in chart revision.

Field work prior to compilation in April 1971, consisted of recovery and premarking of horizontal control for aerotriangulation.

This map area was photographed in May 1971 with the RC-8 "E" camera at 1:20,000 and 1:30,000 scale using natural color film.

Aerotriangulation was completed at the Washington office in November 1971.

This map was compiled at the Norfolk office in February 1972.

Field edit was acquired for TP-00372 during the 1973 field season. Field edit was applied at AMC in July 1977.

Final review was accomplished at the Atlantic Marine Center in August 1988. A Chart Maintenance Print was prepared and forwarded to the Marine Charts Branch.

This Descriptive Report contains all pertinent information used to compile this Final Map. The original base manuscript and all related data were forwarded to the Washington Science Center for final registration.

FIELD INSPECTION

TP-00372

Field inspection was limited to the recovery and identification of horizontal control for aerotriangulation.

PHOTOGRAMMETRIC PLOT REPORT
Hood Canal, Washington
Job PH-7110
November 1971

21. Area Covered

This report pertains to Hood Canal in the state of Washington. The sheets covered are TP-00381 and TP-00365 thru TP-00374.

22. Method

Two strips (71-E-4018 thru 4028 and 71-E-4029 thru 4044) of 1:30,000 scale color and one strip (71-E-4197 thru 4204) of 1:20,000 scale color photography were bridged by analytic aerotriangulation methods. Positions were determined for points for computing ratios. The data for ruling projections, grids and plotting points for compilation were furnished to the Coradomat to be plotted on the Washington, South Zone, State Plane Coordinate System.

23. Adequacy of Control

The control was adequate.

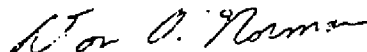
24. Supplemental Data

USGS topographic quadrangles were used to obtain vertical control for the strips.

25. Photography

The photography was adequate.

Submitted by:



Don O. Norman

Approved and Forwarded:


Henry P. Eichert, Chief
Aerotriangulation Section

FIT TO CONTROL

- ▲ held in adjustment
 - tie point held in adjustment
 - tie point used as check
- (x, y) in feet

STRIP 1

- ▲ 1 LYNCH 1934, subpoint (-0.0, +0.1)
- ▲ 2 GREEN POINT 2 1934, subpoint (+0.1, -0.2)
- ▲ 3 SMOKE 1934, subpoint (-0.0, +0.2)
- ▲ 4 INDIAN 1934 (-0.0, -0.1)
- 30801 (-1.5, +1.0)
- 30802 (-2.6, -0.6)

STRIP 2

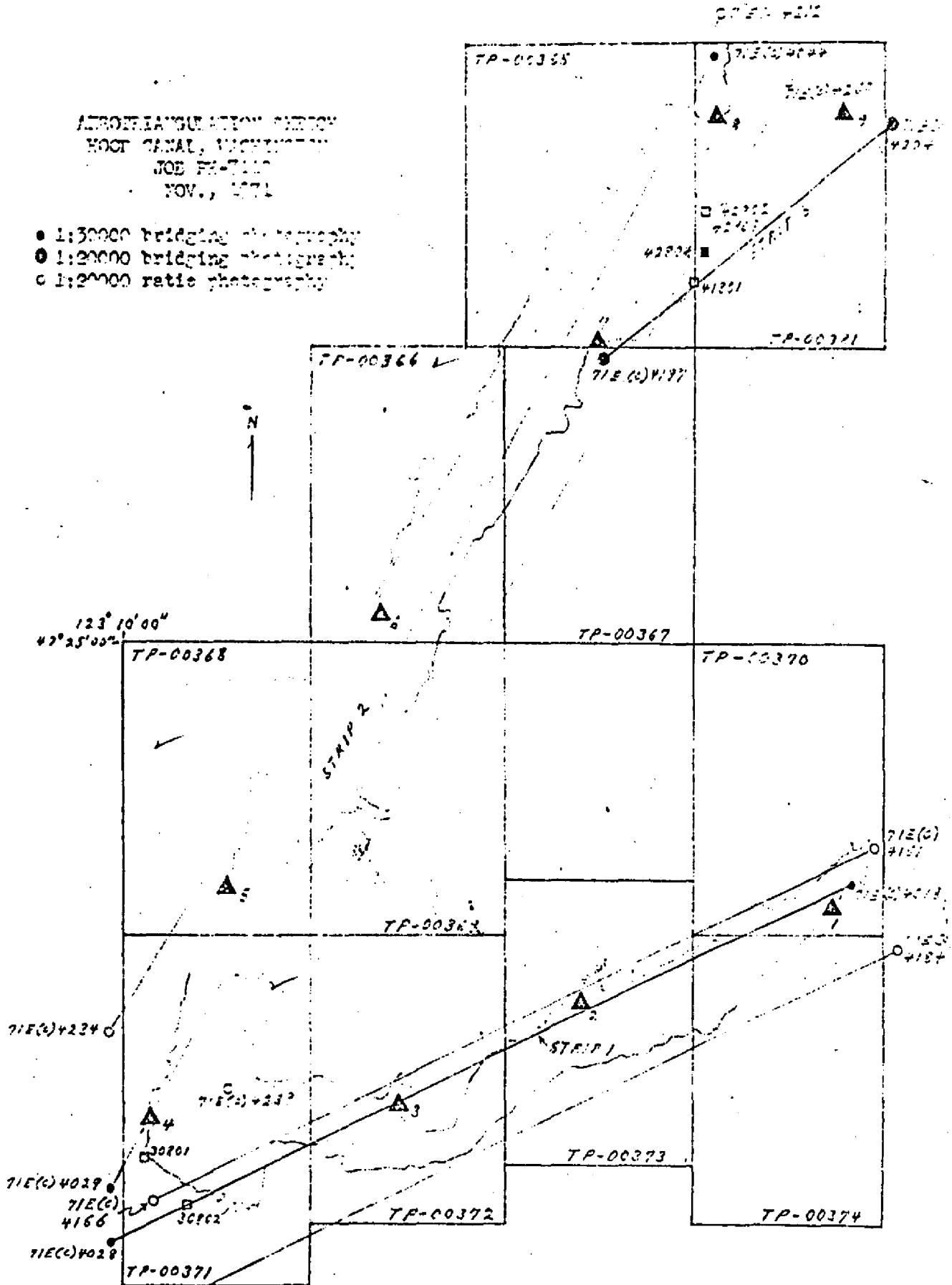
- ▲ 4 INDIAN 1934 (+0.5, -0.2)
- ▲ 5 MILLER 2, 1934, subpoint (-0.9, +0.5)
- ▲ 6 AYOCKS POINT 4, 1959, subpoint (+0.1, +0.0)
- ▲ 7 TEKIU 3, 1971, subpoint (+0.7, -0.8)
- ▲ 8 QUATSAP 2, 1934, subpoint (-0.4, +0.4)

STRIP 3

- ▲ 7 TEKIU 3, 1971, subpoint (0.0, 0.0)
- 42804 (0.0, 0.0)
- ▲ 9 BOULDER 1878, subpoint (0.0, 0.0)
- 41801 (+0.6, +0.6)
- 42802 (+3.0, -1.0)
- 42803 (+1.6, +1.5)

AEROPHOTODUPLICATION SERVICE
 HOOT CANAL, WISCONSIN
 JOE PA-7110
 NOV., 1971

- 1:30000 bridging photography
- 1:20000 bridging photography
- 1:20000 ratio photography



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	PH-7110	GEODETTIC DATUM		ORIGINATING ACTIVITY	REMARKS
			NA 1927	Division, Norfolk, VA		
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION	
			STATE	Washington	ϕ LATITUDE	λ LONGITUDE
			ZONE	South		
TP-00372			X=		ϕ 47° 21' 51.511"	
	VOL. I Pg. 1681	24100	Y=		λ 123° 02' 58.0871"	
	VOL. II Pg. 1682	22100	X=		ϕ 47° 22' 21.179"	
			Y=		λ 123° 00' 57.503"	
			X=		ϕ	
			Y=		λ	
			X=		ϕ	
			Y=		λ	
			X=		ϕ	
			Y=		λ	
			X=		ϕ	
			Y=		λ	
			X=		ϕ	
			Y=		λ	
			X=		ϕ	
			Y=		λ	
			X=		ϕ	
			Y=		λ	
			X=		ϕ	
			Y=		λ	
COMPUTED BY A. C. Rauck, Jr.		DATE 12/8/71	COMPUTATION CHECKED BY B. L. Barge			DATE 12/13/71
LISTED BY		DATE	LISTING CHECKED BY			DATE
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY			DATE

COMPILATION REPORT

TP-00372

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using 1:30,000 scale, color photographs. The stage of tide was above mean lower low-water at the time of photography, therefore, detail which covers by tidal water is only partially compiled.

The quality of the photography is adequate for shoreline compilation.

32. CONTROL:

Refer to the Photogrammetric Plot Report, dated November 1971.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are inapplicable. Drainage was delineated from the compiler's interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

The mean high-water line and alongshore details were delineated from the compiler's interpretation of the photographs.

36. OFFSHORE DETAILS:

Offshore details was delineated from the compiler's interpretation of the photographs. Details which were covered by water at the time of photography, were not compiled.

37. LANDMARKS AND AIDS:

There were no charted nonfloating aids or landmarks and none were noted during stereoscopic instrument compilation.

38. CONTROL FOR FUTURE SURVEY:

None.

TP-00372

39. JUNCTIONS:

A satisfactory junction was made with all adjoining contemporary maps. Refer to the Data Record Form 76-36B, item 5.

40. HORIZONTAL AND VERTICAL ACCURACY:

No Statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison was made with U.S. Geological Survey quadrangle Potlatch, Washington, scale 1:62,500, dated 1952.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with U.S. Coast and Geodetic Survey Chart 6460, scale 1:80,000, 11th edition, dated July 25, 1970.

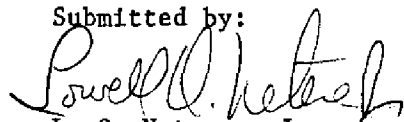
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

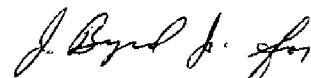
None.

Submitted by:



L. O. Neterer, Jr.
Cartographic Technician
February 9, 1972

Approved and forwarded:



Albert C. Rauck, Jr.
Chief, Coastal Mapping Section

APR 1 1987
15

GEOGRAPHIC NAMES

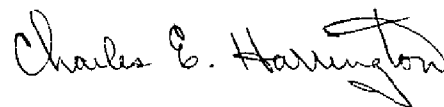
FINAL NAME SHEET

PH-7110 (Hood Canal, Washington)

TP-00372

Hood Canal
Sisters Point
Tahuya
Tahuya River
The Narrows

Approved:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

Field Edit Report
Hood Canal, Washington
March 1973

Map Manuscripts TP-00370, TP-00372,
TP-00373, and TP-00374

Project OPR-412-MA-73

Field Edit Report

Hood Canal, Washington

Manuscripts TP-00370, TP-00372, TP-00373,
and TP-00374

This report covers the southernmost area of Hood Canal, bound by longitude 123°-05' on the west, and bound by land to the north, east, and south.

The entire shoreline was inspected in accordance with project instructions OPR-412-MA-73 dated 23 February 1973, and covered the southern portion of hydrographic survey H-9345, and all of the area of hydrographic survey H-9372. It junctions with field edit completed to the west in 1972.

Generally, the shoreline has numerous summer homes, cabins, and permanent residences; numerous piers, floats, swim floats, and mooring buoys exist. A skiff was used to conduct the field edit. Three-point fixes, utilizing hydrographic signals, were taken to position shoreline features.

Since only the discrepancy prints of the manuscripts were available at the time of shoreline inspection, all rough field notes were made on the discrepancy prints. All notes pertinent to field edit were later transferred to a paper ozalid, and indexed to field photos 71-E(C)-4152, 4154, 4155, 4157, 4159, 4162, 4174, 4176, 4178, 4180, and 4182 in violet ink. A commentary on the editing of individual manuscripts follows:

TP-00372

The shoreline has numerous private floats, and piers; many are anchored without piling, and are subject to minor location change. There are no houses or landmarks of charting value. The mean high water line is as shown, with numerous bulkheads along shore.

TP-00373

The shoreline has numerous private floats and piers; many are anchored without piling and are subject to minor location change. The mean high water line is as shown, with numerous bulkheads along shore. Special attention is drawn to the cable crossing 1000' wide, as described on the TP sheet, which runs northwest from Shady Beach. Twanoh State Park has a public pier and float, and boat ramp located at 47°-22.7'N, 122°-58.2'W. Also, there is a prominent bluff located at 47°-23.9' 122°-57.9' which is of landmark value.

TP-00374

The shoreline has numerous private floats and piers; many are anchored without piling and are subject to minor location change. The MHWL has been revised slightly at 47°-24.9'N, 122°54.2'W and at 47°-24.5'N, 122°-53.0'; otherwise the mean high water line is as shown, with numerous bulkheads along shore. There are no houses or landmarks of charting value.

TP-00370

The shoreline is primarily tide flats which are impossible to inspect except at extremely high tide. After three attempts, sextant fixes were obtained at points "A" and "B" in the upper reaches of Lynch Cove, with heights above tide level noted to assist in stereoscopic viewing of the MHWL. Highway 300 ends at the west end of Belfair State Park as shown. The Port of Allyn Public Dock is as detailed on the TP sheet. Its two privately maintained white lights exist as presently described. Also there is a public boat ramp approximately 0.2 n.m. to the south of the dock. The lone silver colored silo (signal #036) as described in the general notes, does not show prominently to the area of more navigable waters, and therefore is not considered to be of landmark value. There are no other houses or landmarks in the area.

The heights and leadline soundings were recorded with proper notation as to time and date. All times were recorded as PST (120°W). A list of hydrographic signals with G.P.'s is attached to this report. There are no fixed aids to navigation, other than the two privately maintained white lights as previously described. All features of landmark value were investigated, and all questions on the discrepancy sheets were resolved.

Submitted by:

Approved and forwarded:

Melvin N. Maki

Melvin N. Maki
LT, NOAA

George M. Poor

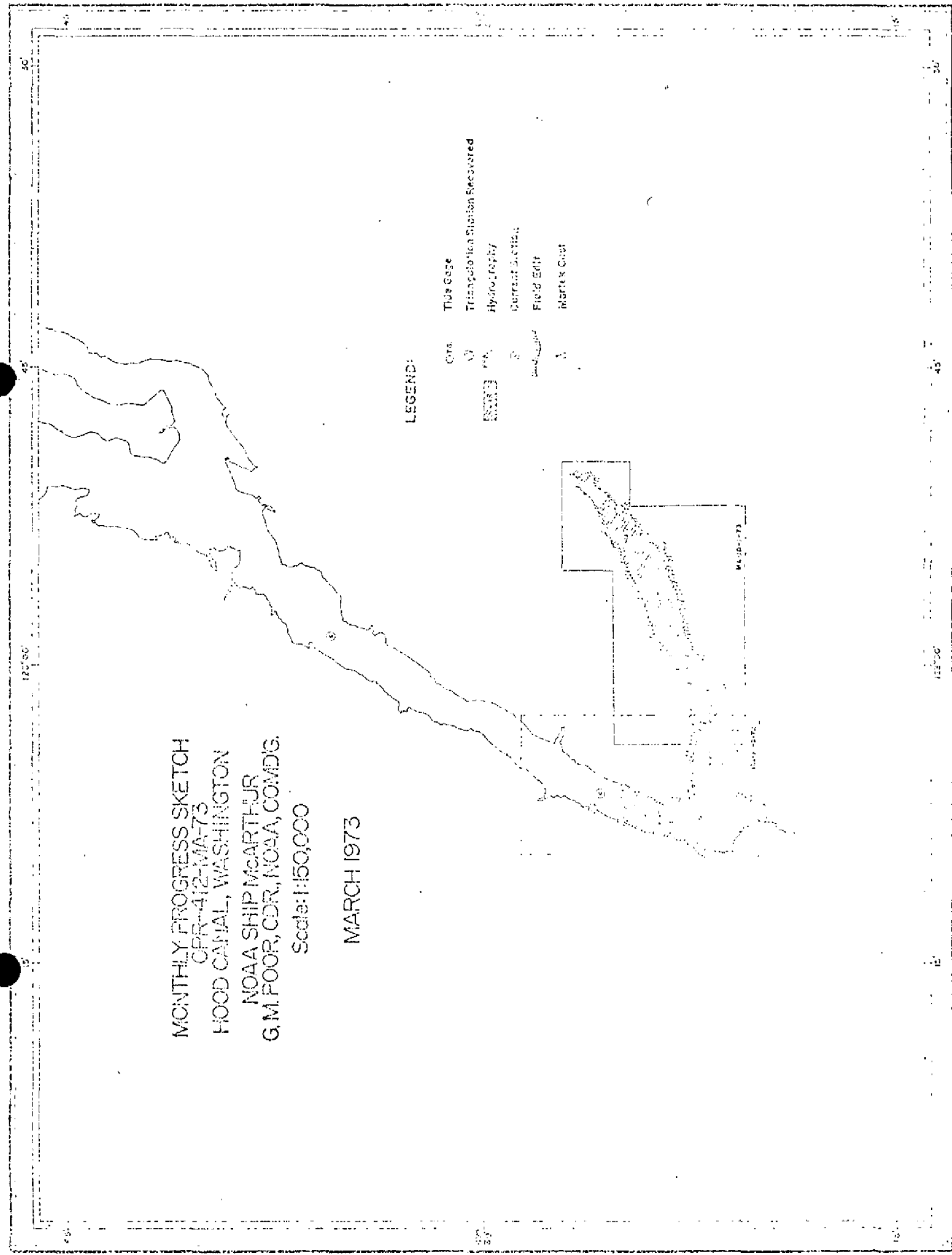
George M. Poor
CDR, NOAA
Commanding

MONTHLY PROGRESS SKETCH
 CFR-412-MA-73
 HOOD CANAL, WASHINGTON
 NOAA SHIP MCARTHUR
 G.M. POOR, CDR, NOAA, COMD/G.
 Scale: 1:150,000

MARCH 1973

LEGEND:

Symbol	Case	This Case
○	Triangulation Station Enclosed	
○	Hydrography	
○	Current Station	
○	Field Edit	
○	Marker Chart	



REVIEW REPORT
SHORELINE

TP-00372

61. GENERAL STATEMENT:

See the *summary* included with this Descriptive Report.

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 the following Hydrographic Surveys:

H-9345, 1:10,000 scale, dated 1972-2973.

H-9372, 1:10,000 scale, dated 1973.

There were no conflicts.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with NOS chart 18476, 1:10,000 scale, dated September 15, 1984. Revisions are indicated on the chart maintenance print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Submitted by:

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