9125

Diag. Cht. No. 8252-2.

FORM C&GS-504

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

OPR-488

DESCRIPTIVE REPORT
USC&GSS FAIRWEATHER (MSS 20)

Type of Survey HYDROGRAPHIC

Field No. FA-10-3-70 Office No. H-9125

LOCALITY

State ALASKA

General locality ~~SOUTHEAST ALASKA~~ PERIL STRAIT

Locality ~~PERIL STRAIT~~ RODMAN BAY

19 70

CHIEF OF PARTY

CAPT John B. Watkins, Jr. Comdg.

LIBRARY & ARCHIVES

DATE JUL 7 1972

Charts
8252
8283

9125

FORM C&GS-537 (5-66)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

HYDROGRAPHIC TITLE SHEET

REGISTER NO. H-9125

INSTRUCTIONS - The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

FIELD NO. FA-10-3-70

State: Alaska

General locality: ~~Southeast Alaska~~ PERIL STRAIT

Locality: ~~Peril Strait~~ RODMAN BAY

Scale: 1:10,000 Date of survey: 6 May - 21 May 1970

Instructions dated: 2 March 1970 Project No.: OPR - 488

Vessel: USC&GSS FAIRWEATHER Launch FA-4

Chief of party: John B. Watkins, Jr., CAPTAIN, USESSA

Surveyed by: LT. B. L. Keck

Soundings taken by echo sounder, hand lead, ~~pole~~: Ross 400A Fineline (prototype)

Graphic record scaled by: FAIRWEATHER personnel

Graphic record checked by: FAIRWEATHER personnel

Positions Verified ~~Protracted~~ by: C.A.J. Pauw Automated plot by: PMC

Soundings Verified ~~penciled~~ by: C.A.J. Pauw

Soundings in fathoms ~~feet~~ at ~~MLW~~ MLLW

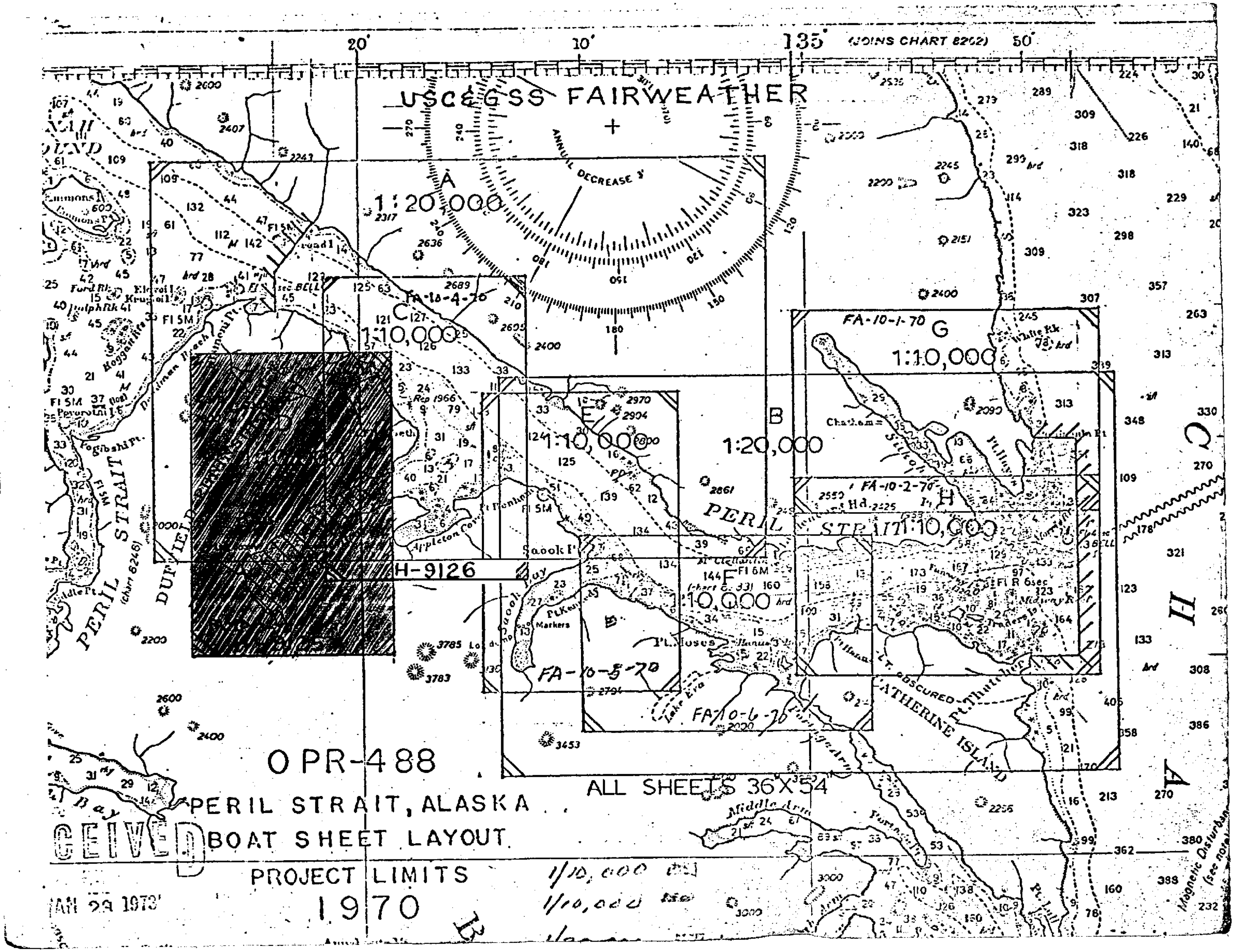
REMARKS:

Cht. 8252
8283

no Hydro in 2002

Applied to chts 7/13/72
[illegible]

USCOMM-DC 37009-P66


USC&GSS FAIRWEATHER
A
1:20,000
B
1:20,000
C
FA-10-4-70
1:10,000
E
1:10,000
FA-10-5-70
F
1:10,000
FA-10-6-70
FA-10-1-70 G
1:10,000
FA-10-2-70 H
1:10,000
H-9126
PERIL STRAIT
CATHERINE ISLAND
OPR-488
PERIL STRAIT, ALASKA
BOAT SHEET LAYOUT
PROJECT LIMITS
1970
ALL SHEETS 36"X54"
RECEIVED
JAN 29 1973
(JOINS CHART 8202)
ANNUAL DECREASE

Descriptive Report

to Accompany

Hydrographic Sheet H-9125 (FA-10-3-70)

Peril Strait, Alaska

Scale 1:10,000

USC&GSS FAIRWEATHER (MSS 20)

CAPT. John B. Watkins, Jr. Commanding

A. PROJECT

Hydrographic Survey H-9125 (FA-10-3-70) was accomplished under OPR-488, according to instructions dated 2 March 1970.

B. AREA SURVEYED

This survey was performed in Rodman Bay and is bounded on the north, south, and west by Baranof Island. The east and west limits of the survey are 135° 20.0'W and 135° 25.5'W respectively. The north and south limits are 57° 29.3'N and 57° 26.3'N respectively. Survey dates were 6 May through 21 May 1970.

Junction is made with contemporary survey H-9126 (FA-10-4-70) on the east.

C. SOUNDING VESSEL

The boatsheet color code and position number system used throughout OPR-488 during the 1970 Field Season was as follows:

Ship FAIRWEATHER	Violet	0001-2000
Launch FA-3	Green	2001-4000
Launch FA-4	Blue	4001-6000
Launch FA-5	Red	6001-8000
Launch FA-6	Brown	8001-9999

All sounding lines on this sheet were run using FA-4.

D. SOUNDING EQUIPMENT

The Ross 400A Fineline Fathometer (Ross Laboratories, Seattle, Washington) was used for all soundings on this sheet. An operation report on this instrument is being submitted separately.

Velocity corrections were obtained using temperature and salinity data from Nansen casts. Echo corrections were based on daily bar checks. These corrections are tabulated at the end of this report.

Sounding corrections are treated more fully in the Fathometer Report, OPR-488, USC&GSS FAIRWEATHER, 1970.

E. SMOOTH SHEET

The position and sounding data were recorded, logged for automated processing, and plotted on boatsheets by ship's personnel. The signal list was prepared and a signal overlay, plotted by the Gerber Digital Plotter, was verified by ship's personnel. The final smooth sheet is to be plotted electronically and verified by personnel at Pacific Marine Center.

F. CONTROL

All hydrography was accomplished by visual fix methods. The control signals were established from photo-identified stations on Incomplete Manuscripts, scale 1:10,000, nos. T-13324 and T-13326.

G. SHORELINE

The source of the shoreline detail is from the manuscripts mentioned in Section F.

The shoreline was verified using field photographs. Minor discrepancies including limits of the foul areas around Lauf Islands and some rocks which were not present are noted on the Field Edit Ozalids and referenced to appropriate photographs.

The low water line was defined where possible, but considerable difficulty was encountered due to steeply sloping shores.

H. CROSSLINES

Crosslines consisting of approximately fifteen percent of the sounding lines were in good agreement except in a few cases of steep bottom profile.

I. JUNCTIONS

Good agreement was found between this sheet and the adjoining sheet of this same project, H-9126 (FA-10-4-70).

J. COMPARISON WITH PRIOR SURVEY

The Pre-Survey Review lists a 4½ fathom area at 57° 26.8'N, 135° 23.6'W. Several lines were run through the area and the shoal was not found.

Other than the above, soundings are in good agreement with the prior survey, H-2238, dated 1895, scale 1:40,000.

K. COMPARISON WITH THE CHART

A comparison was made with C&GS Chart No. 8283, 5th edition, May 12, 1969, scale 1:40,000. Soundings are generally in good agreement.

L. ADEQUACY OF SURVEY

This survey is considered complete and adequate to supersede prior surveys for charting purposes.

M. AIDS TO NAVIGATION

There were no aids to navigation within the area covered by this survey.

N. STATISTICS

	Launch FA-4
Positions	587
Sounding lines (n.m.)	74.8
Area surveyed (sq. n.m.)	2.8
Bottom samples	07
Oceanographic stations	00

O. MISCELLANEOUS

As logging operations are currently being carried on at the head of Rodman Bay, the number and locations of the logbooms are variable. The positions plotted on the boatsheet are based on the sextant fixes taken May 6, 1970.

In general, the bay has a nearly flat bottom with steep rocky shores and tidal flats at the head. Such a configuration suggests glacial action at some time in the area. Extensive sunken ledges lie along the shores and around Lauf Islands.

P. RECOMMENDATIONS

No additional field work is recommended in the area covered by this report.

Q. REFERENCES TO REPORTS

1. Season's Report, USC&GSS FAIRWEATHER, 1970. (To be forwarded).

2. Magnetics Report, OPR-488, USC&GSS FAIRWEATHER, 1970. (To be forwarded).

3. Field Edit Report, OPR-488, USC&GSS FAIRWEATHER, 1970. (To be forwarded).

4. Fathometer Report, OPR-488, USC&GSS FAIRWEATHER, 1970. (To be forwarded).

5. Coast Pilot Report, OPR-488, USC&GSS FAIRWEATHER, 1970. (To be forwarded).

6. Triangulation Report, OPR-488, USC&GSS FAIRWEATHER, 1970. (Forwarded May, 1970).

7. Evaluation of Ross Fathometer, USC&GSS FAIRWEATHER, 1970. (To be forwarded).

Respectfully submitted,

Bruce L. Keck

Bruce L. Keck
LT, USESSA

TIDE NOTE FOR OPR-488, PERIL STRAIT, ALASKA, 1970

Three tide gages were installed and operated during the survey. These were at Chatham, Nismeni Point, and on the north shore of Peril Strait near False Lindenberg Head. Hourly heights were scaled and data-logged by ship's personnel and forwarded to PMC for processing. Marigrams were forwarded to Chief, Tides Section (C3312), Rockville for determination of the datum, time and height relationships, and the recommended zoning. This information is to be furnished the PMC Processing Division by Chief, Tides Section.

USC&GSS FAIRWEATHER

MSS 20

CAPT. John B. Watkins, Jr. Commanding

VELOCITY CORRECTIONS
Peril Strait - 1970

Corrections to be applied to the following sheet numbers:

FA-10-1-70
FA-10-2-70
FA-10-3-70
FA-10-4-70
FA-10-5-70
FA-10-6-70

FA-20-1-70
FA-20-2-70

Applicable Depths (fms)	Corrections (fms)
0 - 65	0.0
65 - 100	+0.1
100 - 120	+0.2
120 - 140	+0.4
140 - —	+0.5

USC&GSS FAIRWEATHER

MSS 20

CAPT. John B. Watkins, Jr. Commanding

ECHO CORRECTIONS
Peril Strait - 1970

Launch FA-4 Sheet Number	Date	Correction (fms)
FA-10-1-70	4-12	+0.4
	4-13	+0.5
	4-14	+0.5
	4-16	+0.3
	4-17	+0.4
	4-21	No bar check
	4-25	+0.3
FA-10-2-70	5-25	+0.3
	5-26	+0.3
FA-10-3-70	5-06	No bar check
	5-07	+0.3
	5-08	+0.3
	5-09	+0.3
	5-10	+0.3
	5-11	+0.3
	5-21	+0.3
FA-10-5-70	5-12	+0.3
FA-10-6-70	5-22	No bar check
FA-20-1-7	4-27	+0.3
	4-28	+0.3
	5-13	No bar check
	5-20	+0.3
	5-22	No bar check
	5-23	+0.3
	5-25	No bar check

LIST OF STATIONS ON H-9125 (FA-10-3-70)

Name used in Hydrographic Survey	Latitude (° ' ")	Longitude (° ' ")	Origin of Station
240	57 29 3249	135 18 2773	T-13325
241	57 29 2589	135 18 5865	"
242	57 29 1603	135 19 5702	"
243	57 28 3514	135 19 5526	"
244	57 28 5515	135 18 3601	"
260	57 27 3924	135 21 4564	T-13326
261	57 27 2114	135 22 4816	"
262	57 27 2499	135 23 0282	Hydrographic
263	57 27 2861	135 23 1002	T-13326
264	57 27 1144	135 23 1991	"
265	57 26 2945	135 23 3267	"
266	57 26 3265	135 24 2428	"
267	57 27 1713	135 25 0426	"
268	57 27 4092	135 24 1991	"
269	57 28 1338	135 23 0048	"
270	57 28 4335	135 22 0252	"
271	57 28 5088	135 21 4477	"
272	57 29 0142	135 20 5281	"
273	57 28 2767	135 20 4908	Hydrographic

TRIANGULATION PLOTTER CARDS

H-NO.			LATITUDE	LONGITUDE	X	Y	
09125	240	70	57293249	135182773	00040	08268	240
09125	241	70	57292589	135185865	00580	08053	241
09125	242	70	57291603	135195702	01601	07732	242
09125	243	70	57283514	135195526	01569	06403	243
09125	244	70	57285515	135183601	00183	07056	244
09125	260	70	57273924	135214564	03500	04588	260
09125	261	70	57272114	135224816	04594	04000	261
09125	262	70	57272499	135230282	04851	04124	262
09125	263	70	57272861	135231002	04977	04242	263
09125	264	70	57271144	135231991	05150	03685	264
09125	265	70	57262945	135233267	05374	02320	265
09125	266	70	57263265	135242428	06277	02425	266
09125	267	70	57271713	135250426	06977	03870	267
09125	268	70	57274092	135241991	06200	04642	268
09125	269	70	57281338	135230048	04810	05696	269
09125	270	70	57284335	135220252	03796	06669	270
09125	271	70	57285088	135214477	03485	06914	271
09125	272	70	57290142	135205281	02576	07257	272
09125	273	70	57282767	135204908	02511	06161	273

000000

x = 39.685

y = 8268.2

TRANSMITTAL SHEET

H-9125 FA-10-3-70

The field work and examination of records were accomplished under the supervision of this command. The boat sheet was inspected daily for completeness and accuracy. The survey is considered complete and adequate and no additional field work is considered necessary.

John B. Watkins, Jr.
CAPTAIN, USESSA
Commanding Officer
USC&GSS FAIRWEATHER

F00

U.S. DEPARTMENT OF COMMERCE
Environmental Science Services Administration
COAST AND GEODETIC SURVEY
Rockville, Md. 20852

Date: July 29, 1970

Reply to Attn.of: C331W-202-CSS

Subject: Tide Data, OPR-488, Peril Strait, Alaska

To: Commanding Officer
USC&GSS FAIRWEATHER

The information requested in your memorandum follows:

	GHWI	GLWI	Mn	DHQ	DLQ	(Marigram) MLLW
Chatham	9.72	3.52	12.0	0.9	1.6	6.5
Nismemi Point	9.79	3.68	11.8	0.9	1.6	5.6
Peril Strait	9.75	4.01	12.4	1.0	1.6	6.0

Zoning should be applied at your discretion. It is suggested that the Chatham gage could be used in Sitkoh Bay and the entrance to Peril Strait, the Nismeni Point gage over to Povorotni Island, and the Peril Strait gage for the remainder of this area.

J. M. Symons

J. M. Symons
Chief, Tides & Currents Branch
Oceanography Division

H-9125

Use Peril Strait tides, augmented with Nismeni tides for May 6, 7, & 8.
(No range or time corrections)

FORM C&GS-712
(10-67)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

TIDE NOTE FOR HYDROGRAPHIC SHEET

[redacted] Pacific Marine Center

Plane of reference approved [redacted] for Tide Tape Printout

HYDROGRAPHIC SHEET 9122; 9125; (9126 OK) OK

Locality: Peril Strait, Alaska

[redacted] Year: 1970

Plane of reference is Mean lower low water

Tide Station Used (Form C&GS-681): Nesmeni Cove, Alaska

Height of Mean High Water above Plane of Reference is as follows: 14.0 feet

Tide reducers have been revised in red and verified as follows:

DAY	TIMES	DAY	TIMES
117	1338-2317	121	0012-0949
118	0006-2335	"	1146-1609
119	0016	"	1753-2050
"	0222	124	0154
"	0341-0716	"	1041-1050
Remarks	0932-2350	126	0612-0619
120	0009-0230	128	0134-0227
"	0500-0833	144	0122-0209
	1041-1517		
	1725-2131		
	2350		

Robert A. Cunningham

Chief, Tides [redacted] Branch

USCOMM-DC 40117-P67

GEOGRAPHIC NAMES
H-9125

BARANOF ISLAND

DUFFIELD PENINSULA

LAUF ISLANDS

RODMAN BAY

RODMAN CREEK

FORM # 1

FIG. 15

PARAMETERS FOR DIGITAL COMPUTING
POLYCONIC PROJECTION

(1) PROJECT No. 488

(2) H No. 9125 **20040**

(3) FIELD No. D-1

(4) REQUESTED BY FAIRWEATHER

(5) SHIP OR OFFICE FAIRWEATHER

(6) DATE REQUIRED ASAP

(7) VISUAL ☑

(8) ELECTRONIC ☐ (FILL OUT FORM #3)

(10) XKN (SP 5) DISTANCE FROM CMER TO EAST EDGE (NYX = 1) OR WEST EDGE (NYX = 0). 4573.334 METERS

(11) YKN (SP 241) DISTANCE FROM EQUATOR TO SOUTH EDGE OF SHEET. 6366 6[illegible].4 METERS

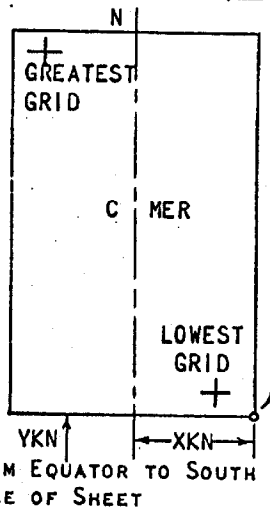
(12) CENTRAL MERIDIAN 135 ° 23 ' 00 "

(13) SURVEY SCALE 1:10,000

(14) SIZE OF SHEET (CHECK ONE) 36x54 ☑ 42x60 ☐ OTHER ____ ☐

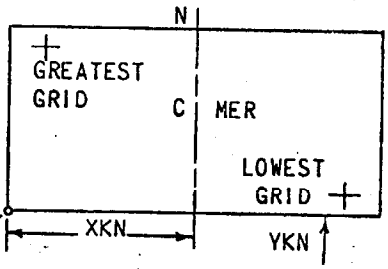
(15) NYX, ORIENTATION OF SHEET (CHECK ONE)

NYX = 1 ☑



FROM EQUATOR TO SOUTH EDGE OF SHEET

NYX = 0 ☐



FROM EQUATOR TO SOUTH EDGE OF SHEET

(9) PLOTTER ORIGIN (CORNER OF SHEET)

LATITUDE 57 ° 25 ' 19 "

LONGITUDE 135 ° 18 ' 26 "

LIST G.P. OF ALL STATIONS TO BE PLOTTED ON THIS PROJECTION ON THE BACK OF THIS FORM. (DEG., MIN., SEC.)

GRID LIMITS

(16) GREATEST LATITUDE [illegible] ° [illegible] ' 20 "

(17) LOWEST LATITUDE 57 ° 25 ' 35 "

(18) DIFFERENCE ° 7 ' 00 "

(PROJECTION LINE INTERVAL, PAGE 4 HYDRO MANUAL)

(19) 0 ' 30 "

(20) 14 YSN

(21) GREATEST LONGITUDE 135° 27 ' 30 "

(22) LOWEST LONGITUDE 135 ° 18 ' 30 "

(23) DIFFERENCE ° 09 ' 00 "

(24) 0 ' 30 "

(25) 18 XSN

H

Field No. OPR 488 D-1

Date 2/4/70

~~HYPO II AND III PARAMETER CARDS~~

20040

PARAMETER CARD II

			1	2	3	4	5	6	7	8	9	10
Semi major axis of the earth	6,378,206.4	RDA	6	3	7	8	2	0	6	4	0	7
			11	12	13	14	15	16	17	18	19	20
X Constant- Distance from central meridian to origin of plotter SP 5	meters	YXN	4	5	7	3	3	3	4	0	0	4
			21	22	23	24	25	26	27	28	29	30
Y Constant - Distance from equator to origin of plotter SP 241	meters	YXN	6	3	6	6	6	6	0	4	0	7
			31	32	33	34	35	36	37	38	39	40
Central Meridian of Projection	135 23 00 0	CMR	4	8	7	3	8	0	0	0	0	6
			41	42	43	44	45	46	47	48	49	50
Plotter Scale/Survey Scale	10498.6876 1: 10000	SCA	1	0	4	9	8	6	8	8	0	1
												51
North/south axis of sheet - to correspond to (Y axis - 0) X axis - 1) of plotter		NYX										1
												52
Feet/Fathom indicator	0 - feet 1 - fathom	FOF										1
									53	54	55	56	57
E Identification No.		JN							2	0	0	4	0
												58	59
		YR										7	0

FOF - 1

PARAMETER CARD III

			1	2	3	4	5	6	7	8	9	10
Lowest Lat. Intersection	57 25 30 00	YST	2	0	6	7	3	0	0	0	0	6
			11	12	13	14	15	16	17	18	19	20
Lowest Long. Intersection	135 15 30 00	XST	4	8	7	1	1	0	0	0	0	6
			21	22	23	24	25	26	27	28	29	30
Difference between Grid	30 00	DXY	3	0	0	0	0	0	0	0	0	0
											31	32
Interval (Long)		XSN									1	8
											33	34
Interval (Lat)		YSN									1	4

Computed

Punched

Checked

Date

FORM 197
(3-16-55)

GEOGRAPHIC NAMES

Survey No. H-9125

Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K	
Alaska										1
Baranof Island										2
Duffield Peninsula										3
Lauf Islands										4
Rodman Bay										5
Rodman Creek										6
										7
										8
				Names prepared						9
				F. W. Pickett 8-1-72						10
										11
				Names approved						12
				A. J. Wright 8-1-72						13
										14
										15
										16
										17
										18
										19
										20
										21
										22
										23
										26
										27

VERIFIER'S NOTE
H-9125

0. MISCELLANEOUS

The corners of log booms were located by 3-point-fixes. The fixes for positions 4020 through 4022 are "swingers" and no check angles were obtained.

There are no piles or dolphins to indicate any permanence of the log-boom operations. The depth of water (18-20 fathoms) further indicate that permance of location of these log-booms is highly suspect.

One day's hydrography bisects boom area, indicating the log-booms were not continually in place. Therefore, log-booms have not been delineated on the smooth sheet.

Respectfully submitted,

Cornelius A.J. Pauw

Cornelius A.J. Pauw
Carto. Tech.

FORM C&GS-946A
(REV. 11-65)
(PRES. BY HYDROGRAPHIC
MANUAL, 6-94)

U.S. DEPARTMENT OF COMMERCE
ESSA
COAST AND GEODETIC SURVEY

VERIFIER'S REPORT

HYDROGRAPHIC SURVEY, H 9125 (FA-10-3-70)

INSTRUCTIONS - This form serves to identify items of a check list in verification together with items which are separately reported to the Reviewer. The form is not to be forwarded to the Reviewer. A report, which is prepared for the Reviewer, should identify items by number and letter and will be filed in the Descriptive Report until the survey is reviewed.

CL - Check List Items: should be checked as having been completed during the verification processes.

R - Report Item: This column refers to those items reported to the reviewer and is used to indicate the items discussed.

Part I - DESCRIPTIVE REPORT	CL	R
Note: The verifier should first read the Descriptive Report for general information and problems.		
1. The Descriptive Report was consulted, paragraphs checked if found satisfactory, and notations were made in soft black pencil regarding action taken. Remarks Required: -- None	✓	
2. Soundings originating with the survey and mentioned in the Descriptive Report have been verified and checked in soft black pencil, including latitude and longitude, together with position identification. Remarks Required: -- None	None	
3. All reference to survey sheets mentioned in the Descriptive Report should include registry number and year. Remarks Required: -- None	✓	
Part II - SHORELINE AND SIGNALS		
4. Source of shoreline signals. Remarks Required: -- List all surveys	photo	
a. Give earliest and latest dates of photographs		
b. Field inspection date ?		
c. Field Edit date ?		
d. Reviewed-Unreviewed ?		
5. The transfer of contemporary topographic information was carefully examined and reconciled with the hydrography. Remarks Required: -- Discuss remaining differences.	✓	
6. The plotting of all triangulation stations, topographic stations and hydrographic signals has been checked and noted in processing stamp No. 42 on the smooth sheet. Remarks Required: -- None	✓	
7. Objects on which signals are located and which fall outside of the high-water line have been described on the sheet. Remarks Required: -- List those signals still unidentified.	None	
Part III - JUNCTIONS		
Note: Make a cursory comparison preliminary to inking soundings in area of overlap.		
8. All junctions of contemporary or overlapping sheets were transferred in colored ink and overlapping curves were made identical. Remarks Required: -- None	✓	
9. The notation in slanted lettering "JOINS H---- (19)" was added in colored ink for all verified contemporary adjoining or overlapping sheets. ~~Those not verified are shown in pencil.~~ Remarks Required: -- None	✓	

Part III - JUNCTIONS (Continued)	CL	R
10. Junctions with contemporary surveys were satisfactory except as follows: Remarks Required: -- Consider conditions after adjustments have been made; note adjustments made. Make special notes of **Butt** junctions and areas which are **SUPERSEDED**.	Satisfactory	
Part IV - VOLUMES		
11. All items affecting the plotting of the survey which are entered in the remarks columns of the sounding records were noted and check marked. In all cases appropriate action was taken and exceptions noted in the volumes. Remarks Required: -- None	✓	
12. Condition of sounding records was satisfactory except as follows: Remarks Required: -- Mention deficiencies in completeness of notes or actions for the following:	AUTOPILOT	
(a) rocks		
(b) line turns		
(c) position values of beginning and ending of lines		
(d) bar check or velocity correctors		
(e) time recording		
(f) notes or markings on fathograms		
(g) was reduction of soundings accurately done?		
(h) was scanning accurate?		
(i) were peaks at uneven intervals missed?		
(j) were stamps completed?		
(k) references to adjacent features		
Part V - PROTRACTING		
13. All positions verified instrumentally were check marked in color in the sounding records, and verifier initialed the processing stamp. Remarks Required: -- None		
14. The protracting and plotting of all unsatisfactory crossings were verified. Remarks Required: -- None	✓	
15. All detached positions locating **critical** soundings, rocks, buoys, breakers, obstructions, kelp, etc., were verified and the position numbers are legible. Remarks Required: -- None	✓	

H-9125 (FA -10-3-70)

Part V - PROTRACTING (Continued)	CL	R
16. The protracting was satisfactory except as follows: Remarks Required: -- Refers to protracting in general except for specific faults repeated often, or faults in control information, which required considerable replotting or adjustments.	Auto Plot	
17. The protractor has been checked within the last three months. Remarks Required: -- Date of check, type of protractor and number.	"	
Part VI - SOUNDINGS		
18. All soundings are clear and legible, and critical soundings are a little larger than adjacent soundings. Remarks Required: -- None	"	
19. Sounding line crossings were satisfactory except as follows: Remarks Required: -- Discuss adjustments.	Satisfactory	
20. The spacing of soundings as recorded in the records was closely followed; Remarks Required: -- None	✓	
21. The scanning, reduction, spacing, plotting of questionable soundings have been verified. Remarks Required: -- None	✓	
22. The smooth plotting of soundings was satisfactory except as follows: Remarks Required: -- Refer to legibility, errors in spacing, and errors in numbers - but not to errors in scanning.	Ok Auto Plot	
Part VII - CURVES		
23. The depth curves have been inspected **before** inking. Remarks Required: -- By whom was the penciled curves inspected. A.E. Eichelberger	✓	
24. The low-water line and delineation of shoal areas have been properly shown in accordance with the following: **a.** From T-Sheet in dotted black lines **b.** From soundings in orange **c.** Approximate position of sketched curve is dashed orange **d.** Approximate position of shoal area **not sounded** in black dashed Remarks Required: -- None	Not defined except South End of Bay	
25. Depth curves were satisfactory except as follows: (This statement should not refer to the manner in which the curves were drawn). Remarks Required: -- Indicate areas where curves could not be drawn completely because of lack of soundings. For some inshore areas a general statement is sufficient.	Satisfactory	

Part VIII - AIDS TO NAVIGATION	CL	R
26. All fixed aids located together with those on the contemporary topographic sheets, have been shown on the survey. Remarks Required: -- Conflicts of any nature listed.	None	
27. All floating aids listed in the Descriptive Report should be verified and checked in soft black pencil, including latitude and longitude and position identification. Remarks Required: -- None	None	
Part IX - BOAT SHEET		
28. The boat sheet was ~~constantly~~ compared with the smooth sheet with reference to notes, position of sounding lines and supplemental information. Remarks Required: -- None	✓	
29. Heights of rocks awash were correctly reduced and compared with topographic information. Remarks Required: -- Note excessive conflicts with topographic information.	✓	
Part X - GENERAL		
30. All information on the sheet is shown in accordance with figures 82 and 83 in the Hydrographic Manual (Pub. 20-2). Remarks Required: -- None	✓	
31. Unnecessary pencil notes have been removed from the sheet. Remarks Required: -- None	✓	
32. Degree, minute values and symbols have been checked; also electronic distance arcs have been properly identified and checked on the smooth sheet. Remarks Required: -- None	✓	
33. The bottom characteristics are adequately shown. Remarks Required: -- None	✓	
Part XI - NOTES TO THE REVIEWER		
34. Unresolved discrepancies and questionable soundings.	None	
35. Notation of discrepancies with photogrammetric survey inserted in report of unreviewed photogrammetric survey or on copy.	None	
36. Supplemental information.	None	

Verified by Cornelius A. L. Bauer

Date June 20, 1972

FORM C&GS-946
(REV. 11-65)
(PRESC. BY HYDROGRAPHIC MANUAL 20-2, 6-94, 7-13)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY
NAUTICAL CHART DIVISION

HYDROGRAPHIC SURVEY STATISTICS

HYDROGRAPHIC SURVEY NO. H-9125 (FA-10-3-70)

RECORDS ACCOMPANYING SURVEY: To be completed when survey is registered.

RECORD DESCRIPTION	AMOUNT	RECORD DESCRIPTION	AMOUNT
SMOOTH SHEET & PNO	1	BOAT SHEETS	1
DESCRIPTIVE REPORT	1	OVERLAYS	3

DESCRIPTION	DEPTH RECORDS	HORIZ. CONT. RECORDS	PRINTOUTS	TAPE ROLLS	PUNCHED CARDS	ABSTRACTS/ SOURCE DOCUMENTS
ENVELOPES						
CAHIERS	1					
VOLUMES	2					
BOXES			1			

T-SHEET PRINTS *(List)*

SPECIAL REPORTS *(List)*

[illegible]

OFFICE PROCESSING ACTIVITIES

The following statistics will be submitted with the cartographer's report on the survey

PROCESSING ACTIVITY	AMOUNTS			
	PRE-VERIFICATION	VERIFICATION	REVIEW	TOTALS
POSITIONS ON SHEET				587
POSITIONS CHECKED		about 30%		
POSITIONS REVISED		27		
DEPTH SOUNDINGS REVISED		38		
DEPTH SOUNDINGS ERRONEOUSLY SPACED		—		
SIGNALS ERRONEOUSLY PLOTTED OR TRANSFERRED		None		
	TIME (MANHOURS)			
TOPOGRAPHIC DETAILS		7		
JUNCTIONS		6		
VERIFICATION OF SOUNDINGS FROM GRAPHIC RECORDS		15		
SPECIAL ADJUSTMENTS		None		
ALL OTHER WORK		66		
TOTALS		94		

PRE-VERIFICATION BY	BEGINNING DATE	ENDING DATE
VERIFICATION BY Cornelius A.J. Pauw	BEGINNING DATE Feb 2nd, 1971	ENDING DATE June 21, 1972
REVIEW BY	BEGINNING DATE	ENDING DATE

USCOMM-DC 36271-P65

APPROVAL SHEET

The smooth sheet has been inspected, is complete, and meets the requirements of the General Instructions for automated surveys and the Hydrographic Manual. (Note: All exceptions are listed in the Verifier's Report.)

Examined and approved,

William M. Martin
Supervisory Carto. Tech.
6/28/72

Approved and Forwarded,

Walter L. Bradly, CDR, NOAA
Chief, Processing Division
Pacific Marine Center

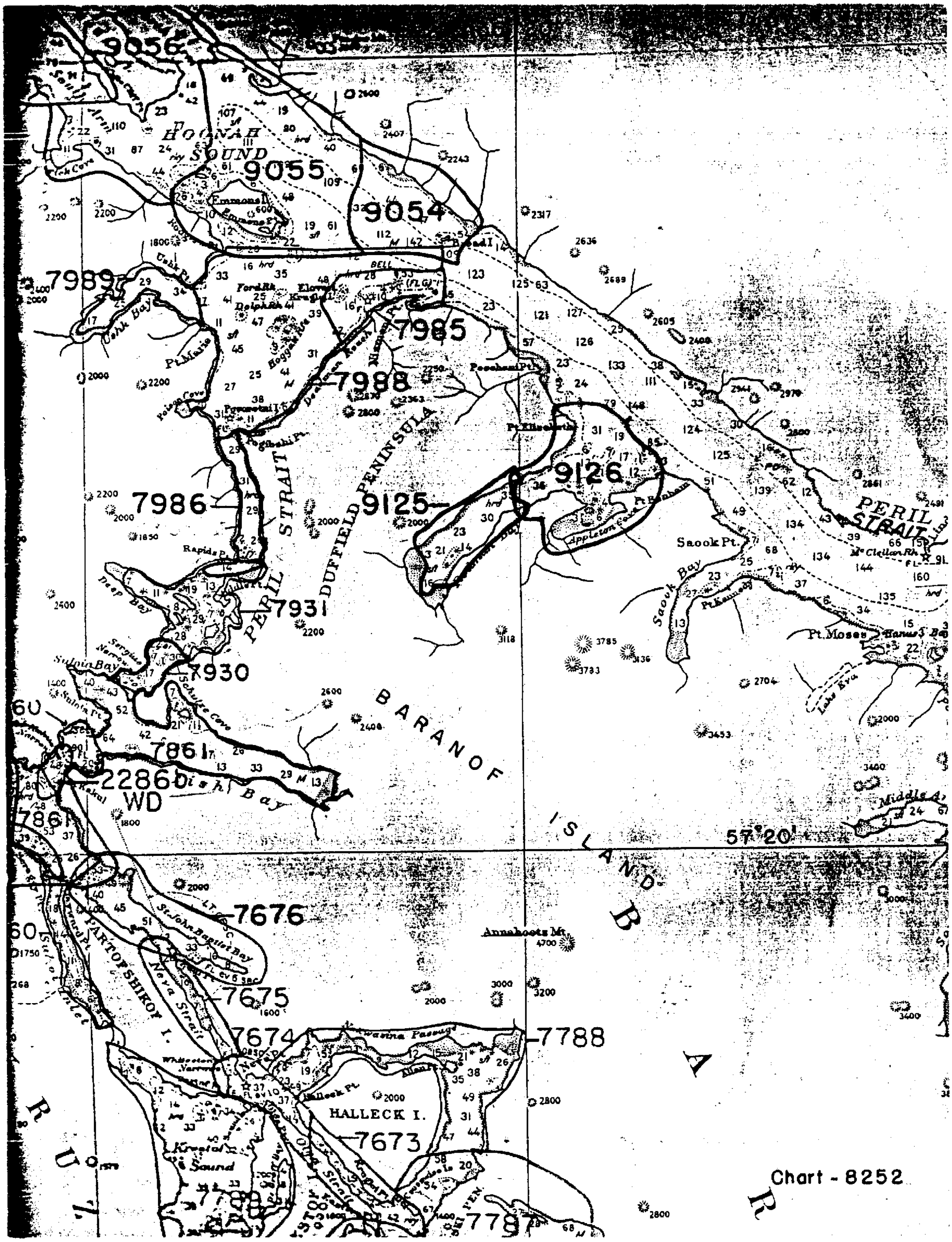

9056
9055
9054
HOONAH SOUND
Emmons I.
7989
Ushk Bay
Pt. Moise
7985
7988
Poison Cove
Poogibshi Pt.
7986
PERIL STRAIT
DUFFIELD PENINSULA
9125
9126
Pt. Benham
Appleton Cove
Saook Pt.
Saook Bay
Pt. Moses
Rapids Pt.
Deep Bay
7931
7930
Sitkoh Bay
Salt Lake Bay
7861
Fish Bay
2286
WD
BARANOF ISLAND
57°20'
7676
St. John Baptist Bay
7675
Neva Strait
PART OF SHIKOF I.
7674
7788
HALLECK I.
Halleck Pt.
7673
Krestof Sound
Annahootz Mt.
PERIL STRAIT
Middle Arm
Lake Eva
Pt. Elizabeth
Poogibshi Pt.
Pt. Kennedy
McClellan Rk.

Chart - 8252

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. H-9125

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
8382	11/10/72	E. Frey	~~Full~~ Part ~~Before~~ After Verification before Review Inspection Signed Via
			Drawing No. Critical corrections only
8252	11/15/72	E. Frey	~~Full~~ Part ~~Before~~ After Verification before Review Inspection Signed Via
			Drawing No. Critical corrections only via
			cht 8283
8283	2/9/77	Naitor	Full ~~Part~~ Before After Verification ~~Review Inspection Signed~~ Via
			Drawing No. 13 Considered fully appld as class 6 survey
			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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			Drawing No.