8128

Diag. Cht. No. 8102-3.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Hydrogrpahic

Field No. HO-1454 Office No. H-8128

LOCALITY

State S. E. Alaska

8128

General locality Cordova Bay

Locality Ship Is. Passage & Kassa Inlet

194/_54

CHIEF OF PARTY

J. Bowie

LIBRARY & ARCHIVES

DATE July 19, 1957

B-1870-1 (1)

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

HYDROGRAPHIC TITLE SHEET

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

REGISTER No. H-8128
Field No. H0-1454

State S. E. Al.	aska				
General locality Cordon	va Bay				
Locality Ship Es. Pa	ssage and Kas	sa Inlet			
Scale 1/10,000	,,	Date of s	urvey 18 J	une 1954 -	- 3 Aug. 1954
Instructions dated 17 M	arch 1953 and	8 Jan. 1951	4		
Vessel HODGSON					
Chief of partyJ. Bowie					
Surveyed by E. F. Hi	cks, Jr. and	J. Dermody			
Soundings taken by fathon	ieter, graphicie	gocyderydoasobd	end, wire Fat	h. 628 an d	1.150 SPX
Fathograms scaled by	H. Hildahl and	d R. Owens			
Fathograms checked by	J. Dermody				
Protracted by	C. A. J. Pauw				
Soundings penciled by	C. A. J. Pauw				-
Soundings in fathoms	d tambéa		and are be	ased on a	velocity of
REMARKS:				···	
		··			

U. S. GOVERNMENT PRINTING OFFICE 16-6520-1

DESCRIPTIVE REPORT

to accompany

HYDROGRAPHIC SURVEY NO. H-8128, (FIELD NO. HO-1454)

SCALE 1:10,000

SHIP HODGSON J. BOWIE, COMDG.

SURVEYED BY E. F. HICKS, JR. AND J. DERMODY

A. PROJECT

This survey was executed as part of Project CS-357 under instructions 22/MEK, S-2-HO dated 17 March 1953 and Supplemental Instructions 22/MEK, S-2-HO dated 8 Jan. 1954.

B. SURVEY LIMITS AND DATES

This survey covers Kassa Inlet and approaches, Ship Island Passage, and inshore area west to approximately Long. 132° 33'W.

Field work on this survey began on 18 June 1954 and was completed 3 August 1954.

This survey is joined on the west by Survey H-8134, Field No. HO-2154; on the north by survey H-8130, Field No. HO-1654, and on the south by H-8067, Field No. HO-1353.

C. VESSELS AND EQUIPMENT

This survey was executed with standard 30 foot hydro launch No. 98, and plane personnel boat, Launch No. 134. Both launches had a turning radius of approximately 25 meters at standard speed.

808 Fathometers Nos. 62S and 150 SPX with reeds calibrated for a velocity of 800 fms./sec. were used for all hydrography.

D. TIDE AND CURRENT STATIONS

A portable automatic tide gage was maintained at Kassa Entrance, Lat. 54° 55.60' N, Long. 132° 31.32' W during the time sounding was in progress and was used without time or height correction for reduction of all soundings, south of a line between signal QUO and signal PIG, and all soundings in the west arm of Kassa Inlet.

A portable automatic tide gage was maintained in North Kassa Inlet, Lat. 54° 58.78' N, Long 132° 28.30'W during the time sounding was in progress and was used without time or height correction for the reduction of all soundings north of a line between signal QUO and signal PIG.

The system of soundings was broken at this line as mentioned to facilitate the reduction of soundings.

No current stations were occupied within the limits of this survey.

E. SMOOTH SHEET

All work on the smooth sheet will be done by the Seattle Processing
Office and will be covered by their seport which will be an addenda to this report.

Addendum attached

F. CONTROL STATIONS

The following triangulation stations were used as hydro signals:

LEDGE 2, 1908 (called LED) SHIP 2, 1908-25 (called SHIP)

In 1953 a number of whitewash signals were established in the vicinity of the Ship Island group. (Graphic Control Sheet*HO-F). Most of these signals were recovered and used. However, in the early stages of hydrographic work on this sheet (HO-1454), jumps in sextant fixes were noticed which indicated that some of the 1953 locations were in error. Checks were made on all 1953 signals and those found in error were relocated. ** To be destroyed as all useful data has been transferred to the present survey

The following signals from 1953 Graphic Control were relocated by photogrammetric means: (See Manuscript T-11299)

Box 1955, Axe, Dud, Erg, Fox, Gum, Lip

The following signals from 1953 Graphic Control were relocated by sextant fixes:

Bus, Cry, Hop, Joe, Nit, Sig, Sub

All other signals were located from 1954 Photo Mss furnished by "ashington of fice, supplemented by sextant locations of additional signals as needed. A list of all signals and origin is posted in the cover sheet of Volume 1.

G. SHORELINE AND TOPOGRAPHY

All shoreline is from MSS on Photo Project Ph-117 furnished by the Washington ffice.

*Review, #P/

No shoreline discrepancies were noted. Several isolated shoals and rocks were found which did not appear on the MSS.

The large reef north of signal PIG shown on the MSS does not exist. (Probably jelly fish). $954^{\circ}57.6\%$ $\lambda/32^{\circ}28.9\%$

On account of the steep to, rocky coast it was impractical to delineate the low water line except in a few places where it was delineated on the boat sheet by sextant fixes.

All important rocks were searched for and data compiled during minus tides prior to launch hydrography.

H. SOUNDINGS

All soundings except a few hand lead soundings on isolated rocks or

shoals were made with 808 Fathometers Nos. 62S and 150 SPX.

The fathometer initial was set so that with the bar at two fathoms, the fathometer would read two fathoms eliminating any index correction. Since the fathometers were calibrated for a velocity of 800 fms/sec. no velocity correction was made.

Bar checks were made three times daily at two fathoms only in accordance with letter 22/MEK, S-1-HO dated 15 June 1953 to Commanding Officer, Ship HCD GSON.

Phase corrections were made and corrections applied. Details of the phase comparisons and corrections are given in Table 2 following this report.

Bottom samples were taken at various intervals throughout the area of this sheet.

I. CONTROL OF HYDRO

All hydrography was controlled by visual sextant angles on shore objects or signals.

J. ADEQUACY OF SURVEY

This survey is complete and adequate for charting purposes. Junctions with adjoining sheets are satisfactory and no holidays exist. Depth curves can be adequately drawn at the junctions.

K. CROSSLINES

There are approximately 36 miles of crosslines or slightly over 8% of all lines run are crosslines. All crossings appear to be satisfactory.

L. COMPARISON WITH PRIOR SURVEYS

The soundings from prior surveys ase charted were transferred to the boat sheet; differences are noted under "M" below. The rock symbol in Lat. 54° 56. Long. 132° 30.3' from T-2953 was disproved by wire drag.

M. COMPARISON WITH CHART Review, #P6

This survey was compared with Chart 8147 (49-8/8). The charted soundings, where shown, are more or less correct. All rock symbols shown were verified or disproved. This survey should supersede all charted data. The charted shoreline is out in many places, particularly in N. Kassa Inlet.

The following is a list of significant soundings and dangers which differ from the charted data:

	Previously CHARTED	DEPTH		
LOCATION	DEPTH	FOUND (f,	ns.) POSITION	REMARKS
54-54.82	Sunken rk.	Group of	20a thru 28a	Group of rocks in channel.
132-30.2	symbol	rks.awash	(Particularly 21a)	
54-53.6° 132-30.55°	Rock Symbol	Signal PUT Reef(12)	(See control data)	
54-54.05× 132-31.9×	Rock Symbol with $5\frac{1}{2}$ fms.		4 b thru 9b etc.	2 sunken rocks 🗸
54 - 54•3 - 132-32•0 -	5	3 ¹ r	129 - 130h	Significant sdg. 🗸
54 - 53.9 ~ 132 - 32.2 ~	8	54 .	124-125c	Significant sdg
		Does not exist		Delete-this rock symbol - originated with survey T-2953.
54-56.2 132-30.0	9	4-	140-150b etc.	Midchannel sdg
/54 - 56.35 ⁻ 132 - 28.9 2 -		reef ✓	23-24 e	Reef- offshore limits deter mined.

All building symbols within the limits of this survey should be deleted.

N. DANGERS AND SHOALS

LOCATION 54-54-4- 132-32-6	DEPTH (fms.) 52	POSITION 63-64c	REMARKS Significant sdg
54 - 53 ·5 - 132-30 · 4 -	12 -	138g	Sunken rock -
54 - 53 . 9 2 132 - 31 .73	. 2 <mark>3</mark>	3a	Significant sdg. ~
54-53.7 - 132-30.93		6 a	End of reef V
54-54.8 × 132-31.6 ×	5 -	110-115f etc.	Significant sdg. ~
54-56.1- 132-31.1-		1 & 2f	2 rooks (2)(4)
54-57.6° 132-31.33	2 ^{5 RK}	ln	Significant HL sdg.
54-57.6- 132 - 28.9-	Reef symbol on preliminary Photo MS	Does not exist	· ·
54 - 58 .06 132 - 28 .53	¥0 <u>8</u>	1-15j etc.	Sunken rock

 $^{\rm T}{\rm he}$ above list does not include the numerous inshore rocks, reefs and kelp patches found.

All of the above depths are from boat sheet positions using predicted tides and will be revised when smooth plot is made and actual reducers applied.

O. COAST PILOT INFORMATION

Shipwreck Point lies about 1.8 miles WNW of Bird Mocks. The point is low and timbered and rises to a knob 605 feet high. Barbara Kk.*, a low rocky islet lies about 300 yards off the point. An island, about 160 feet high, lies westward from the point, close to. Ship Islands, 50 to 120 feet in height, with outlying rocks and ledges lie about 1/2 mile offshore. Small craft, at high tide, use the narrow channel between Shipwreck Point and the island close to. A rocky shoal area restricts the narrowest part of the channel to awidth of approximately 50 yards. Ship Island Passage*, the pass to the westward of the inner island, is preferable, passing to either side of the rock (signal PUT) in the middle of the entrance. The survey vessel in 1954 found good anchorage in Ship Island Passage 0.4 mile north of the inner island in 20 fms. A 5 fm. shoal exists approximately one mile north of the inner island on the west side of the channel.

Kassa Inlet has its entrance a short distance northward of the northern-most of the ship Island group. It is about 0.5 mile wide at Kassa Point* and extends 2 miles ENE'ward to Clam Cove, thence 3 miles northward. Good anchorage for small craft can be found in Clam Cove in 5 to 10 fms. and at various places in the upper reaches and in the west arm of the inlet. The survey ship in 1954 found good anchorage 3/4 mile N of Clam Cove in 14 fms. A dangerous rock lies near midchannel between Clam Cove & Kassa Island*. It bares only on minus tides and is marked by light kelp. The best water is to the south and east of this rock. Another dangerous rock lies in midchannel about lightles north of Clam Cove. This rock is covered 1 fathom at MLLW and is free of kelp. In passing this rock, keep close to the eastern shore of the channel.

P. AIDS TO NAVIGATION

No aids to navigation exist within the limits of this survey.

Q. LANDMARKS FOR CHARTS

The charted waterfall in the west arm of Kassa Inlet is now overgrown and should be deleted as no waterfall existed in 1954. No other landmarks are charted, and none are recommended.

K. GEOGRAPHIC NAMES-

A spectal report will be submitted by this party covering this heading. All names marked $^{n}*^{n}$ in this report are names recommended by this vessel in 1953 and/or 1954. They are as follows:

- (a) The rock Lat. 54° 53.56', Long. 132° 29.61' called Barbara Rock.
 (b) (1953) The channel between Ship Islands and the shore called Ship Islands Passage.
- (c) The point Lat. 54° 55.4', Long. 132° 31.5 called Kassa Pt. (d) The island Lat. 54° 56.6', Long. 132° 29.8 called Kassa Island.

The charted names within the limits of this survey were verified as being:

- (a) Shipwreck Pt.
- (b) Ship Islands
- (c) Kassa Inlet
- (d) Clam Cove

S. SILTED AREAS

No significant silted areas were noted.

T. MARKED STATIONS

The following stations were marked by standard topographic disks: Box, Bug, Sow, Ox.

Z. TABULATION OF APPLICABLE DATA

Tidal Data Air Photos

Respectfully submitted,

John Dermody, Ens., USC&GS

Approved and forwarded:

C. Bowie, CDR, USC&GS

Comdg., Ship HODGSON

VOL. 2 2 2 3 3 3 4 4 5 5	DAY a b c d d f g h h	DATE 18 June 19 June 26 June 27 June 27 June 28 June 9 July 10 July 12 July 13 July	VESSEL 98 # # # # # # # # # # # # # # # # # #	POS . 23 . 3 . 201 . 93 . 119 . 63 . 118 . 206 . 165 . 37 . 92 . 1140	STAT. MI. 5.1 0.8 50.3 18.2 28.1 12.3 23.9 27.3 23.0 7.9 8.9 205.8	H. L. 3 22 25
6 6 6 7 7 7 8 8 8 8 9 9 9 10 10 11 11	a b c c d e e f gh h jk m n p p q	for Launch 96 19 June 26 June 28 June 28 June 9 July 10 July 10 July 11 July 12 July 13 July 15 July 27 July 28 July 2 Aug. 3 Aug. for Launch	13/4	103 148 78 66 55 221 15 76 222 57 84 170 98 228 96 85 26 36	16.1 14.7 9.2 7.1 9.3 54.3 3.0 14.6 16.8 4.8 3.7 19.9 14.7 20.6 11.5 12.0 4.5 24.3	2,
1 1 1 1 1	a b c d e f	18 June 19 June 12 July 13 July 14 July Totals f	dinghy " " " " or dinghy 169(wha	leboat)		28 34 25 25 24 24 160
9 9 Nire Drag Vol.	ab Wire Dra	15 July Total fo	98 134 169	n	0.8	12 21
Т	otals fo	or Sheet		- 3097	Ц47•1	206 (46 H.L.)

Area = 10.5 sq. stat. miles

plus O.1 sq. stat. mile wire drag

TIDE NOTE FOR HYDRO SURVEY H-8128 FIELD NO. HO-1454

Tide Stations

Kassa Entrance

Lat. 54° 55.60' N Long. 132° 31.32' W

MLLW on staff = 3.9 ft.

North Kassa Entrance

Lat. 54° 58.78' N Long. 132° 28.30' W

MLIM on staff = 3.5 ft.

TABLE 2 FATHOMETER CORRECTIONS - (PHASE)

808 FATHOMETER NO. 628

Feet		Fathom	R			Fath	nme.
A B		A	В			A	В
144.9 144.5 145.0 144.5 145.0 144.3 144.6 144.0 144.3 144.0 144.2 144.0	Mean	39.5 39.0 38.0 37.3 36.6 35.8 35.0	39.1 39.0 38.3 37.7 36.8 36.0 35.1 37.4		Me an	37.3 38.2 39.0 39.9 39.9 39.5 37.0 36.9 37.0	37.0 37.8 38.5 39.2 39.7 39.3 39.1 37.0 38.3
14.5 44.1 Mean							
Fathoms				Fathom	8		
В С				C	D		
7 8 • 9 77 • 2				111.0	109.5		
79.0 77.2				111.0	109.5		
79•0 77•2				110.0	108.5		
79•1 77•3 79•2 77•4				109.0 107.5	107.0 106.0		
79.1 77.2				107.0	105.0		
79.0 77.1				107.0	105.0		
78.9 77.0				107.0	105.0		
78.9 77.0				107.0	106.0		
78.6 79.0 77.2 Mean			Mean	107.0 108.4	105.0 106.6		
A-B +0.4							
-0.1							
$ \frac{0.0}{+0.1} $							
B-C +1.8							
C-D +1.8							
Correction A scale 0.0	0						

B scale +0.1 C scale +1.9 D scale +3.7

TABLE 3

808 FATHOMETER 150 SPX

7 June 1954 - j day Sheet 1354

PHASE COMPARISON

	•*			
A B 42.3 44.3 41.6 43.2 40.4 42.0 40.0 41.3 39.9 41.2 40.0 41.0 40.0 41.0 40.0 41.3 40.1 41.2 40.0 41.3 40.1 41.8		B 74.4 73.6 73.5 73.0 72.8 73.0 71.9 71.7 25.9	c 74.8 74.4 74.0 73.5 73.5 72.5 72.1 72.3 30.4 73.4	M⊖ a.n.
A-B = -1.3	3	B-C =	-0.5	
B corrn C corrn	- 0.0 1.3 1.8 1.1			

17	Sept.	-	Sheet	1854	
----	-------	---	-------	------	--

C	D		
122.0	122.0		
122.0	121.0		
121.6	121.0		
121.8	121.0		
121.8	121.0		
121.5	121.0		
122.0	121.2		
122.0	121.2		
122.0	121.5		
121.5	120.0		
18.2	10.9		
121.8	121.1	Ç – D	0.7

PROCESSING OFFICE NOTES H-8128

SMOOTH SHEET

The smooth sheet was hand constructed and checked in the Seattle Hydrographic Processing Unit, using standard methods.

SHORELINE AND TOPOGRAPHY

Shoreline and topography were transferred from film positives of T-11294, T-11295 T-11297, T-11298, T-11299 and T-11300. (1953-54)

ADEQUACY OF SURVEY

The survey appears to be complete and adequate for charting. Junctions with adjoining surveys have not been checked. No copy of H-8067 is in the processing office and H-8134 has not been plotted yet. Comparison with that sheet will be made when it is completed.

Review, #4

Respectfully submitted,

WILLIAM M. MARTIN

Supervisory Cartographer, C&GS

APPROVED AND FORWARDED:

CURTIS LE FEVER, Capt., C&GS Seattle District Officer

GEOGRAPHIC NAMES PENCILED ON H-8128

BARBARA ROCK CLAN COVE CORDOVA BAY

KASSA INLET

KASSA ISLAND

KASSA POINT

SHIP ISLANDS

SHIP ISLAND PASSAGE

SHIPWRECK POINT

GEOGRAPHIC NAMES Survey No. H=8128		No. Or	Ao. Or	of Judge of Land	R. Later Co. Lat	Or local Wards	Cuide of a	and Metality	N. J.	\$
Name on Survey	/ A	B	C C	D	E	0 F	G	Н	<u></u>	
Southeast Aleska			(for	title)						1.
Prince of Wales Island	`** [•						2
Cordova Bay	<u> </u>									3
Barbara Rock										4
Shipwreck Point										5
Ship Islands										6
Ship I _S land Passage										7
Kassa Point										8
Kassa Inlet	<u></u>		(locat	ion of	tide	statio	ns)			9
Kassa Island						<u> </u>			ļ	10
Clam Cove										11
-			Name	appr	oved 8	9-57.				12
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Hydrographic Surveys (Chart Division)

HYDROGRAPHIC SURVEY NO. 8128....

Records accompanying survey:

Boat sheets .. 2.; sounding vols. .ll.; wire drag vols. .l..; bomb vols. ...; graphic recorder rolls 7-Envelopes special reports, etc. .l-Smooth sheet and 1-Descriptive report.

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

Number of positions on sheet		3085
Number of positions checked		259
Number of positions revised	•	
Number of soundings revised (refers to depth only)		./0
Number of soundings erroneously spaced		10
Number of signals erroneously plotted or transferred		
Topographic details	Time	. 40
Junctions	Time	.40
Verification of soundings from graphic record	Time	.20
Verification by	.431	Date 4-4-58

... Time .#... Date #/21/58

DIVISION OF CHARTS

REVIEW SECTION - NAUTICAL CHART BRANCH

REVIEW OF HYDROGRAPHIC SURVEY

REGISTRY NO. H-8128

FIELD NO. HO-1454

S. E. Alaska, Cordova Bay, Ship Island Passage and Kassa Inlet

Surveyed June-Aug. 1954

Scale 1:10,000

Project No. CS-357

Soundings:

Control:

808 Depth Recorder Hand lead

Sextant fixes on shore signals

Chief of Party - J. Bowie
Surveyed by - E. F. Hicks, Jr. & J. Dermody
Protracted by - C. A. J. Pauw
Soundings plotted by - C. A. J. Pauw
Verified and inked by - F. P. Saulsbury
Reviewed by - T. A. Dinsmore
Inspected by - R. H. Carstens

1. Shoreline and Signals

The shoreline originates with unreviewed air-photographic surveys T-11294, T-11295, T-11297, T-11298; T-11299 and T-11300 of 1953-54.

The source of control is given in the Descriptive Report.

2. Sounding Line Crossings

Considering the irregularities in the bottom, depths at crossings are in very good agreement.

3. Depth Curves and Bottom Configuration

The usual depth curves are adequately delineated. In some localities, steep to shores precluded the development of the 0- to 5- fm. curves.

The bottom in the area of this inshore survey is rugged and irregular with generally steep slopes and marked by

numerous shoals and pinnacle rocks. Much of the shoreline is fringed by outcropping ledge.

4. Junctions with Contemporary Surveys

Adequate junctions were effected with H-8067 (1953) on the south and H-8130 (1954) on the west. The junction with H-8134 (1954) on the southwest will be considered in the review of that survey.

5. Comparison with Prior Surveys

H-2787 (1905) 1:40,000 T-2953 (1909) 1:20,000

H-3043 (1909) 1:20,000

Much of the area covered by the present survey was previously unsurveyed. However, a few lines of soundings on these early reconnaissance surveys fall within the area of the present survey. There are no important differences between prior and present depths considering the irregularities in the bottom. Rocks and least depths from the prior surveys were generally confirmed, usually with lesser depths and slightly different positions, except for the following sunken rock symbol:

In lat. 54°56.08', long. 132°30.3', a sunken rock symbol previously charted from T-2953 was disproved by wire-drag investigation on the present survey.

The present survey is adequate to supersede the scant amount of hydrography on these early surveys.

6. Comparison with Chart 8147 (Latest print date 10/7/57)

A. Hydrography

Charted hydrography originates entirely with advance information of the present survey shown on copies of the boat sheets (Bps. 52028-29). Important discrepancies on the chart, resulting in two instances from illegible soundings on blueprints 52028-29 are listed as follows:

Latitude	Longitude	Charted Depth (fms.)	Survey Depth (fms.)
54°59.63°	132°29.76°	rock awash	0.8
56.08	29.86	6	16
55.82	32.78	10	21
53.22	32.5	18	28

Numerous revisions in positions and depths have been made in smooth plotting and verification as a result of office plotting, rescanning of portions of fathograms and application of final reducers.

The present survey entirely supersedes the charted information.

B. Aids to Navigation

No aids to navigation are charted within the limits of the present survey. Dangers to navigation are adequately revealed by the survey.

7. Condition of Survey

- a. The sounding records are complete; the Descriptive Report covers all matters of importance.
- b. The smooth plotting was generally accurate. number of rocks awash smooth plotted from sextant fixes and using the height from the topographic surveys were revised to show the height from the hydrographic survey and the position from the topographic survey.
- c. Wire-dragging of a portion of the channel in Kassa Inlet (shown in insert on smooth sheet) disproved the existence of a sunken rock previously charted in lat. 54°56.08', long. 132°30.3', from T-2953 of 1909.

8. Compliance with Project Instructions

The survey adequately complies with the Project Instructions.

9. Additional Field Work

This is an excellent basic survey and no additional field work is recommended.

May Skikelly Max G. Ricketts

Chief, Nautical Chart Branch

Karl B. Jeffers

Chief, Division of Charts Musel & Samuel B. Grenell

Chief, Hydrography Branch Chief, Division of Coastal Surveys

Examined and approved:

Zame O Laury Ernest B. Lewey

TIDE NOTE FOR HYDROGRAPHIC SHEET

Chart Division: R. H. Carstens

2 August 1957

Plane of reference approved in 12 volumes of sounding records for

HYDROGRAPHIC SHEET 8128

Locality Cordova Bay, Alaska

Chief of Party: J. Bowie in 1954

Plane of reference is mean lower low water, reading

3.9 ft. on tide staff at Kassa Inlet Entrance

13.8 ft. below B.M. 1 (1954)

3.2 ft. on tide staff at Tah Bay 12.6 ft. below B.M. 2 (1909)

3.5 ft. on tide staff at Kassa Inlet (North End) 12.2 ft. below B.M. 1 (1954)

Height of mean high water above plane of reference is:

Kassa Inlet Entrance . .

11.7 ft. 11.8 ft.

Condition of records satisfactory except as noted below:

Chief, Tides Branch

Delleamtho

11.7 ft.

Comm-DC 34330

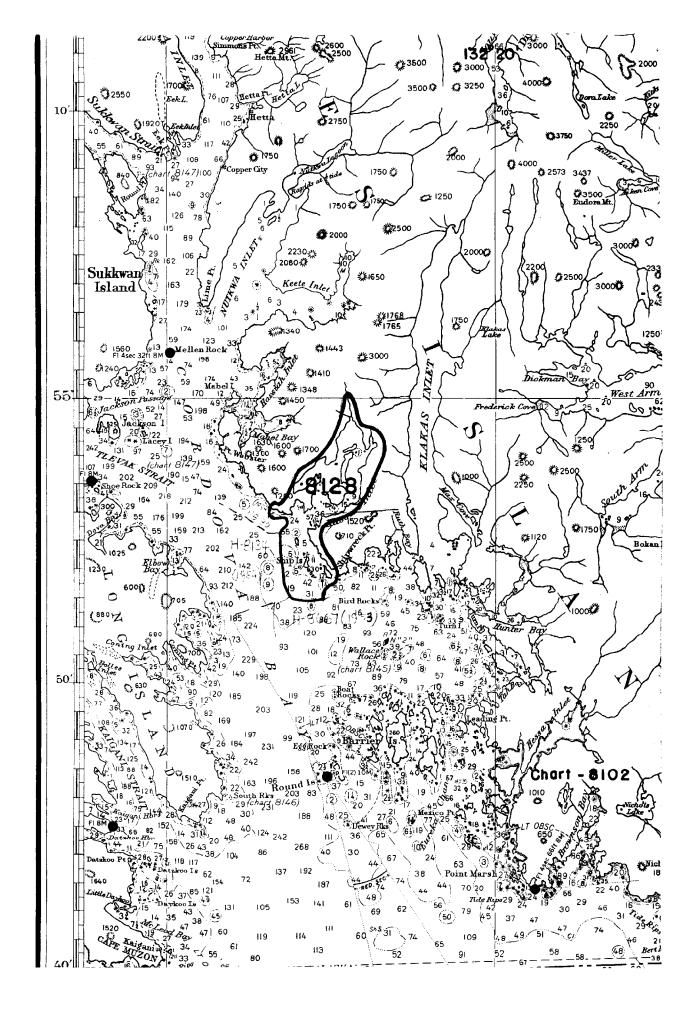
7-11298 5456'15" 132020'

Ound Division II. R. Sarabelle

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NAUTICAL CHARTS BRANCH

SURVEY NO. H-8128

Reverved 4-18-58

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
10-18-57	8002	Benom	Before After Verification and Review
			· w con
10-15-58	8102	R.E.Elkins	Partly 3pp//ed Before After Verification and Review
			Es Kassz lalet hydro completely revised. applied partly thru cut 8147.
10-17-58	8152	R. E. Elkins	
			Partly affiled - off three cht 3/02 dig 11.
11-2-60	8152	R.E. Elkins	Before After Verification and Review Completely Afflic
			without going thru the large scale chart 8147 (Melin)
1/14/61	8/02	E.E. Thomas	After Verification and Review
			Comptetel, applied the Dwg 12, Cht 8152
4/24/61	8145	Helmer	After Verification and Review Julyapphied, Edu
			chart 8/52, Dug 12 and 2 sdgs disagree in overlap col
4/21/62	8147	H. Radda	Batora After Verification and Review Fully supplied
			Exam Chart 8145 Over/ap
8-6-63	8147	h.j. keeler	Before After Verification and Review
			lent con only for T.O. print. RKD
1/29/75	8147	m. D. Kanis	Before After Verification and Review, wspection c
	, , , , , , , , , , , , , , , , , , , ,		Fully Applied for entired corrections
5/22/75	8145	M.D. KANIS	Before After Verification and Review + Signature
			Re-examined only in conjunction with
· .			Reviewe d T-11299
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M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.