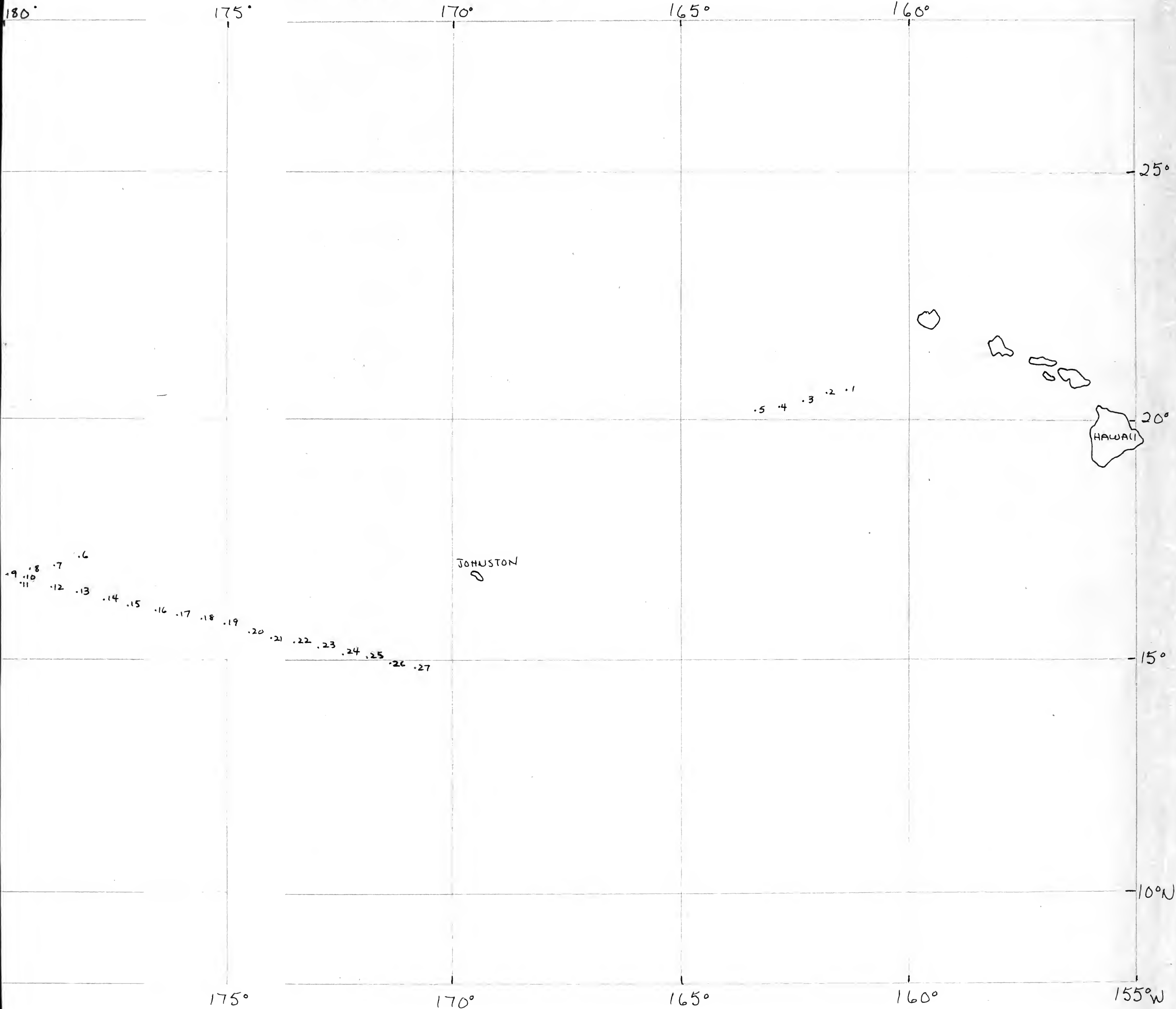


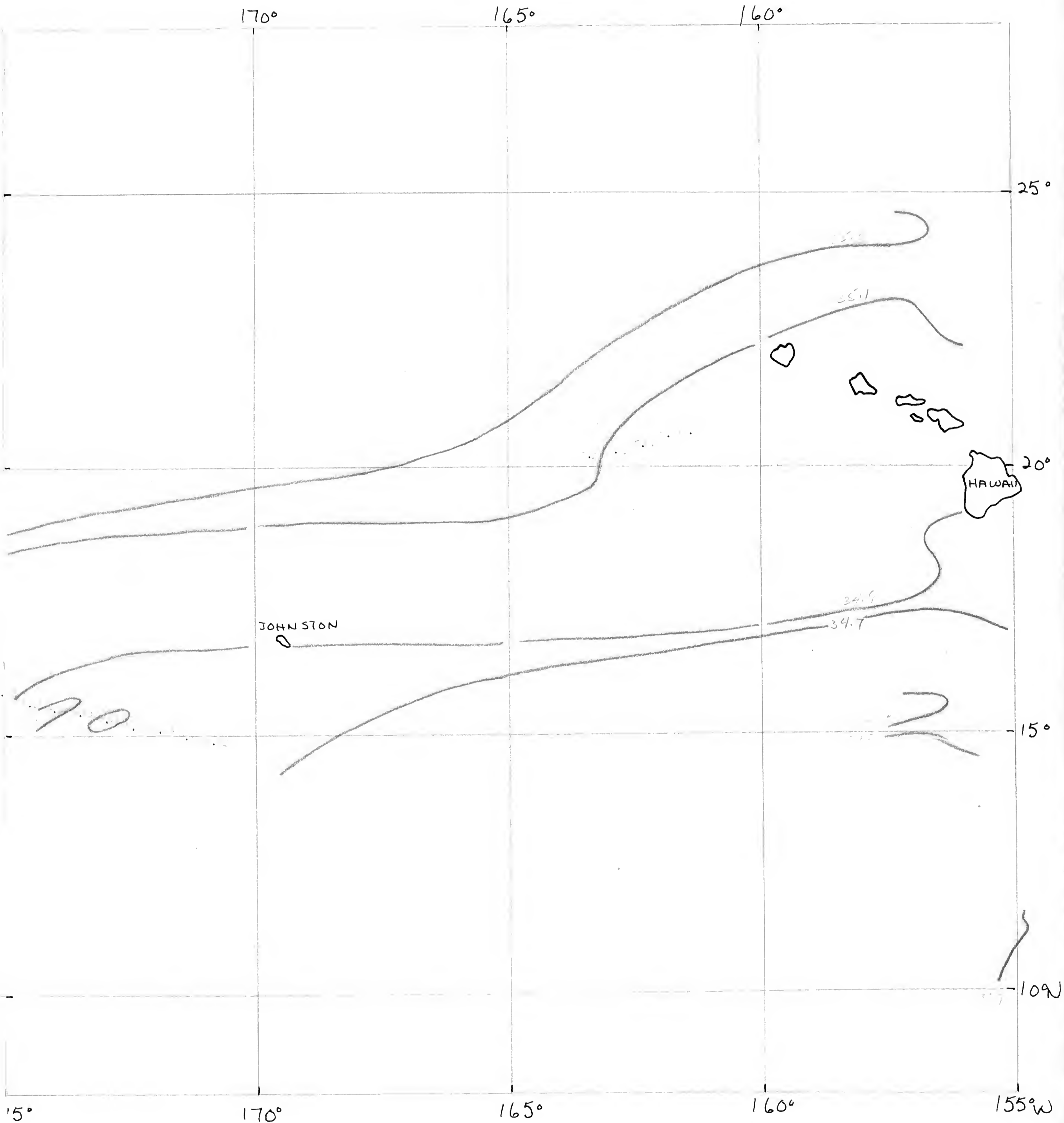
SMITHSONIAN CRUISE
GIL. MARSH. IS. - PART I
OCT. 2-'64 to OCT. 9, '64

BT STATIONS



SMITHSONIAN CRUISE
GIL. MARSH. IS. - PART I
OCT. 2, '64 to OCT. 9, '64

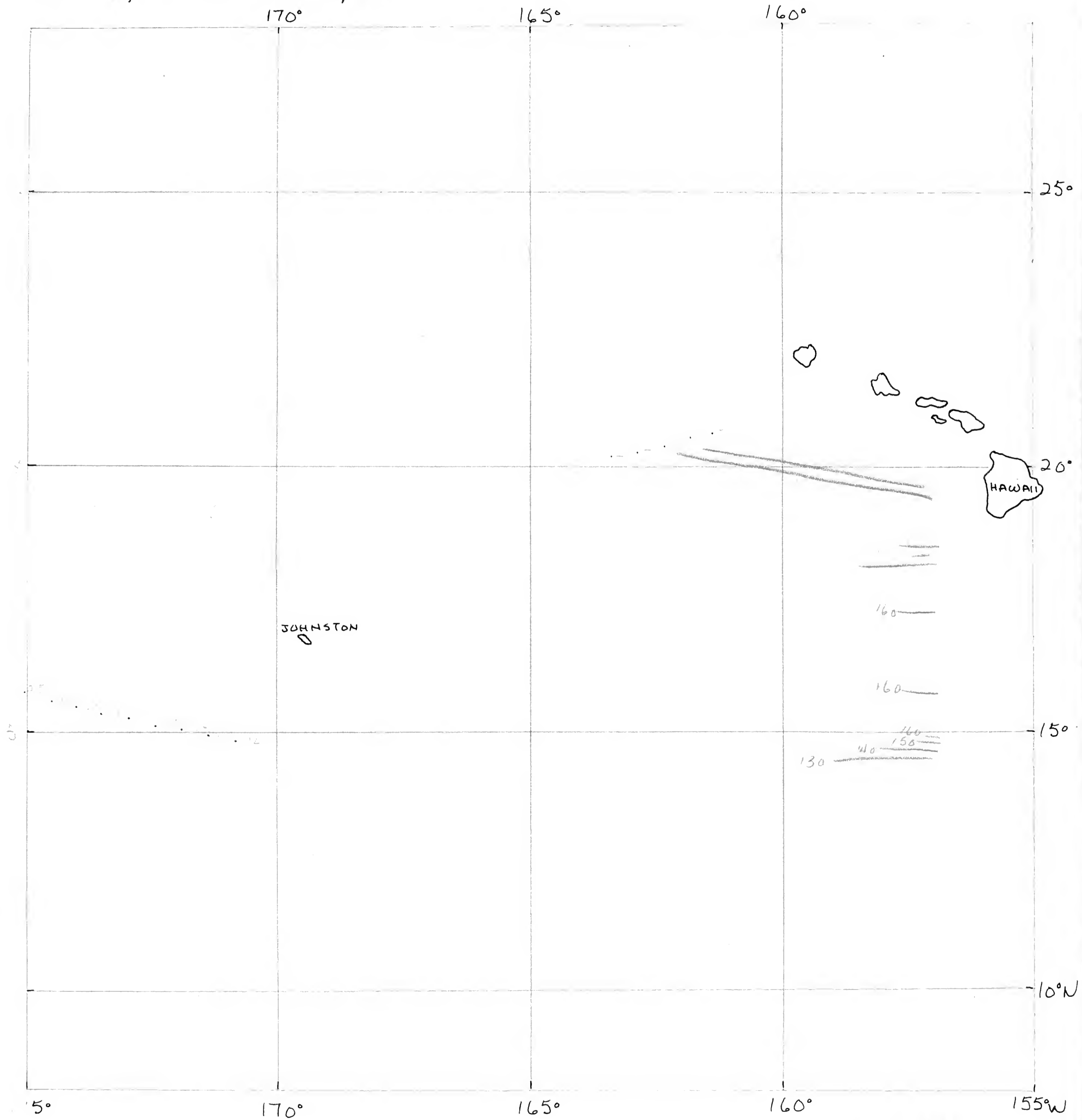
SURFACE
SALINITY ‰



CONTINUED WITH SURFACE TEMPERATURE
T. FRANKLIN - 1

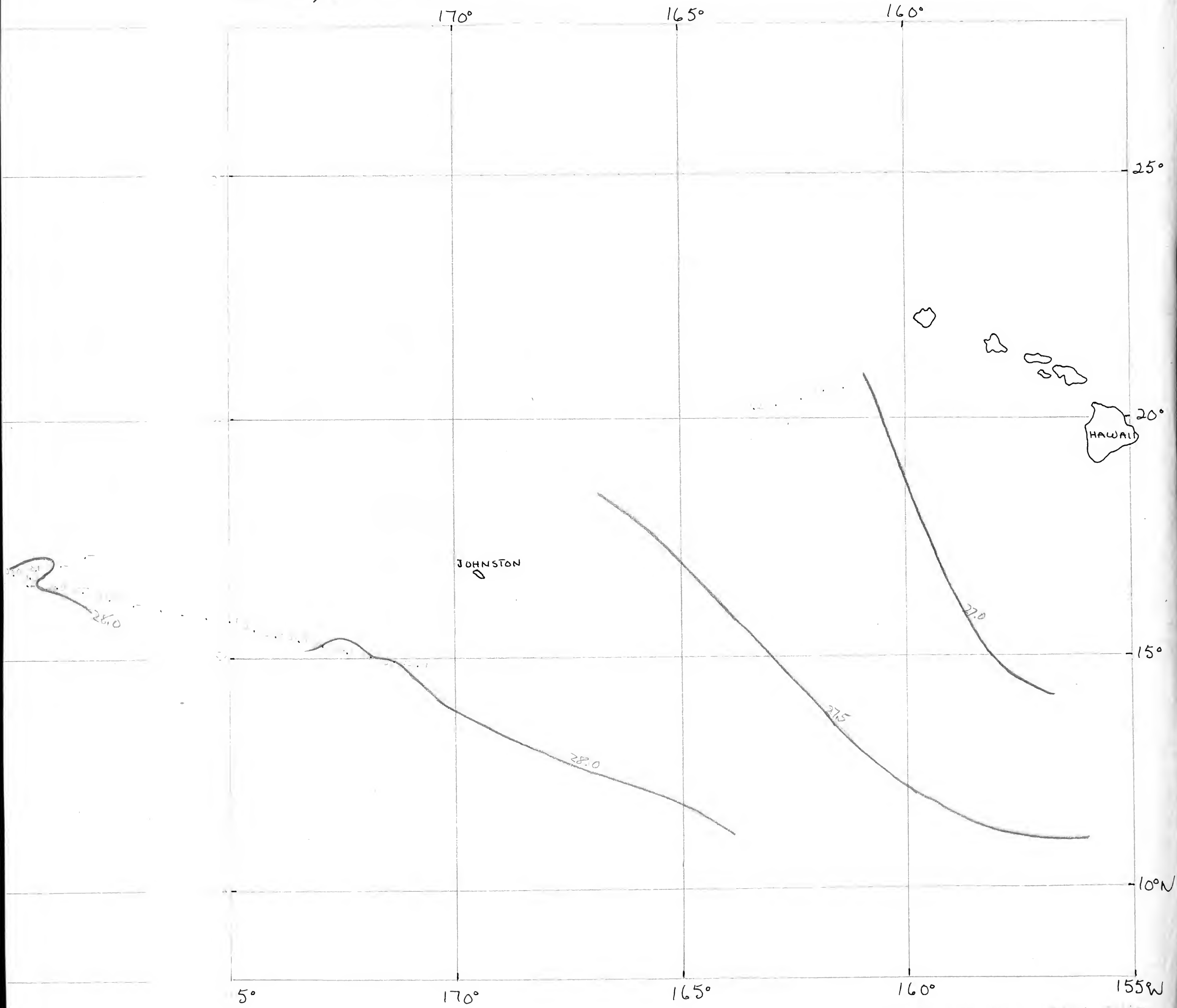
SMITHSONIAN CRUISE
GIL. MARSH. IS. - PART I
OCT. 2, '64 to OCT. 9, '64

20° ISOTHERM (M)



SMITHSONIAN CRUISE
GIL. MARSH. IS. - PART I
OCT. 2, '64 to OCT. 9, '64

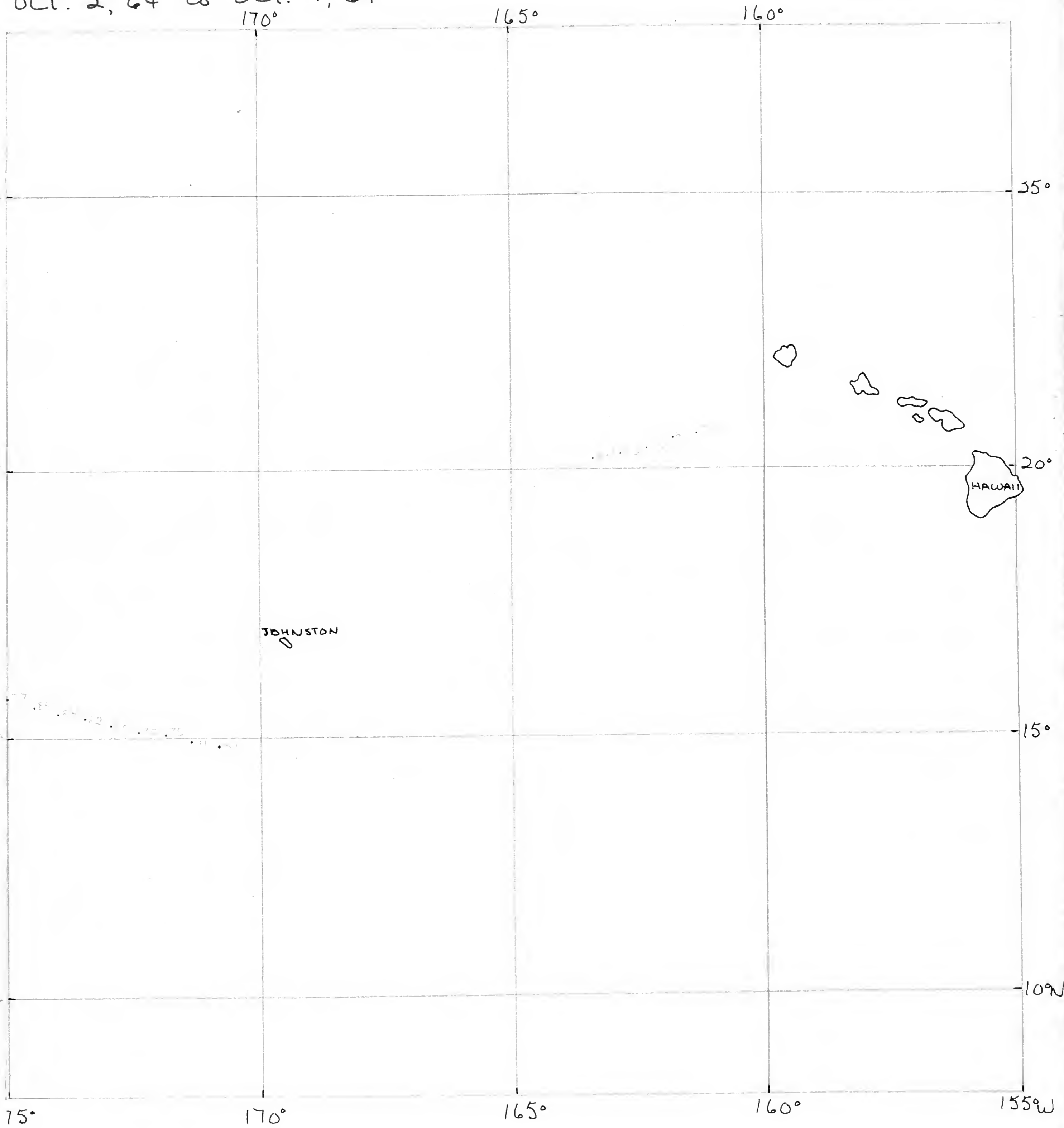
CORRECTED
SURF. TEMP. °C.



CORRECTED WITH DATA FROM
TC -9

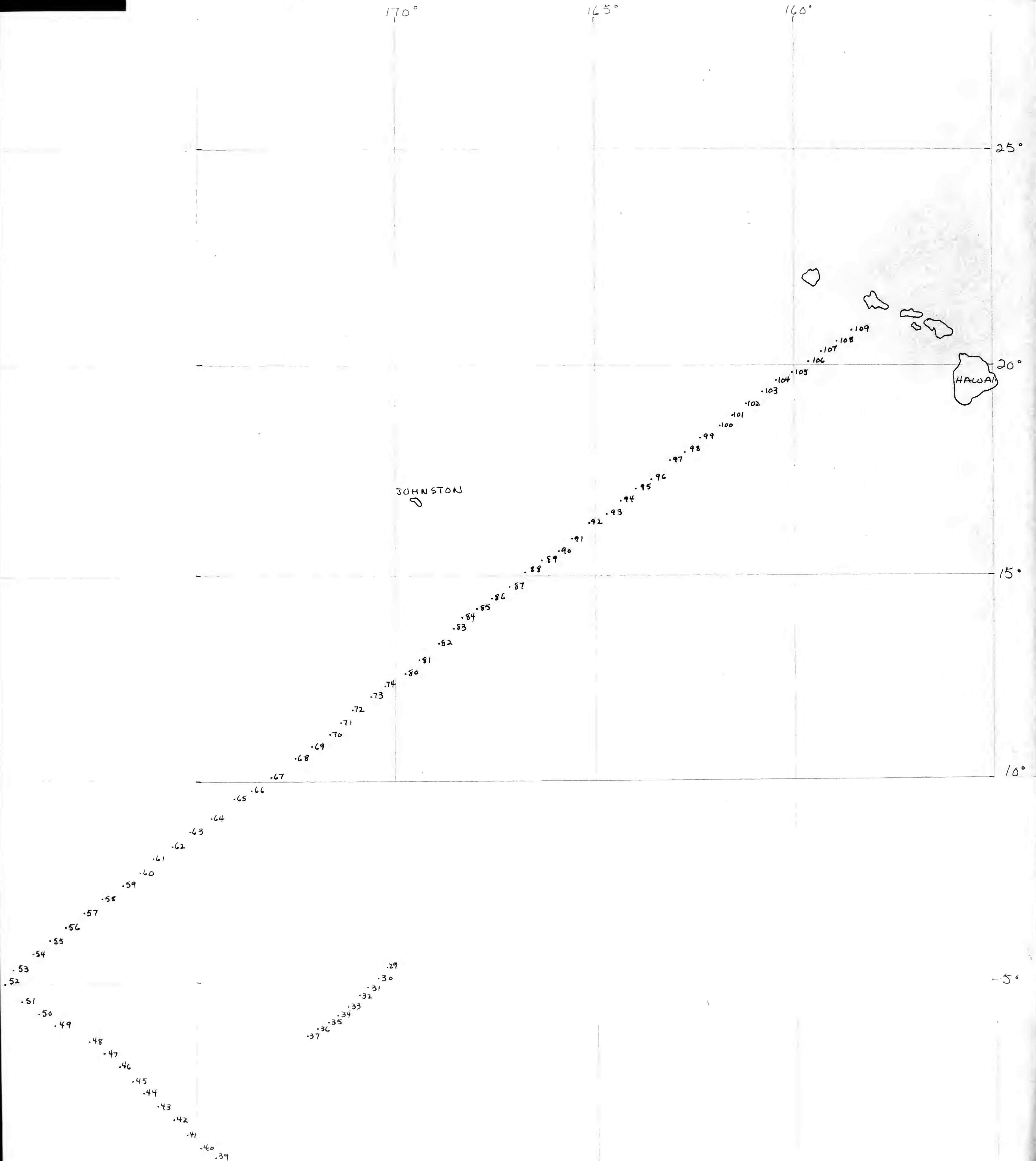
SMITHSONIAN CRUISE
GIL. MARSH. IS. - PART I
OCT. 2, '64 to OCT. 9, '64

DEPTH OF THE
MIXED LAYER



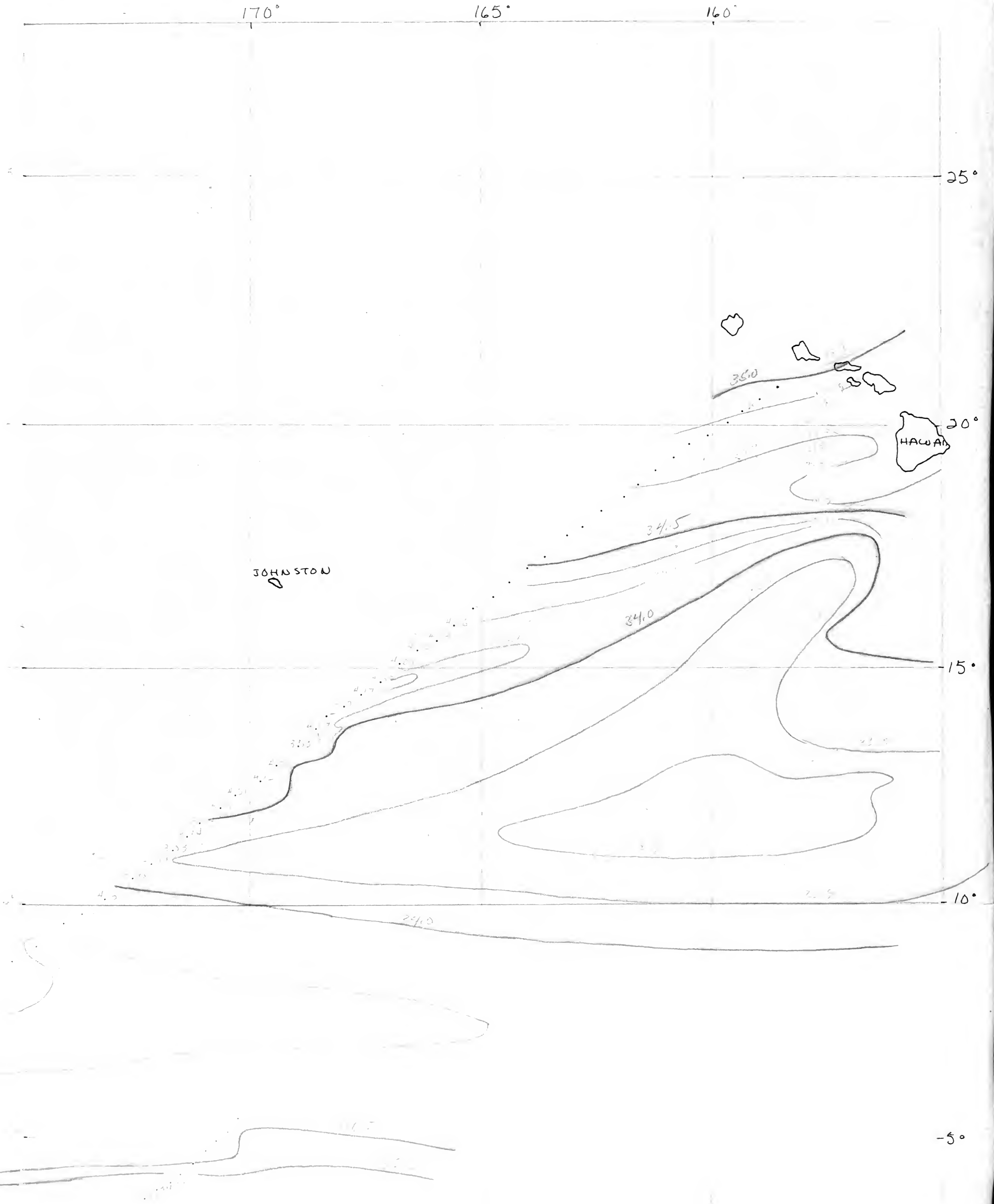
SMITHSONIAN CRUISE
GIL. MARSH. IS. - PART II
NOV. 12, '64 to NOV. 27, '64

BT STATIONS
(NO^s 38, 75-79)



SMITHSONIAN CRUISE
GIL. MARSH. IS. - PART II
NOV. 12, '64 to NOV. 27, '64

SURFACE
SALINITY ‰



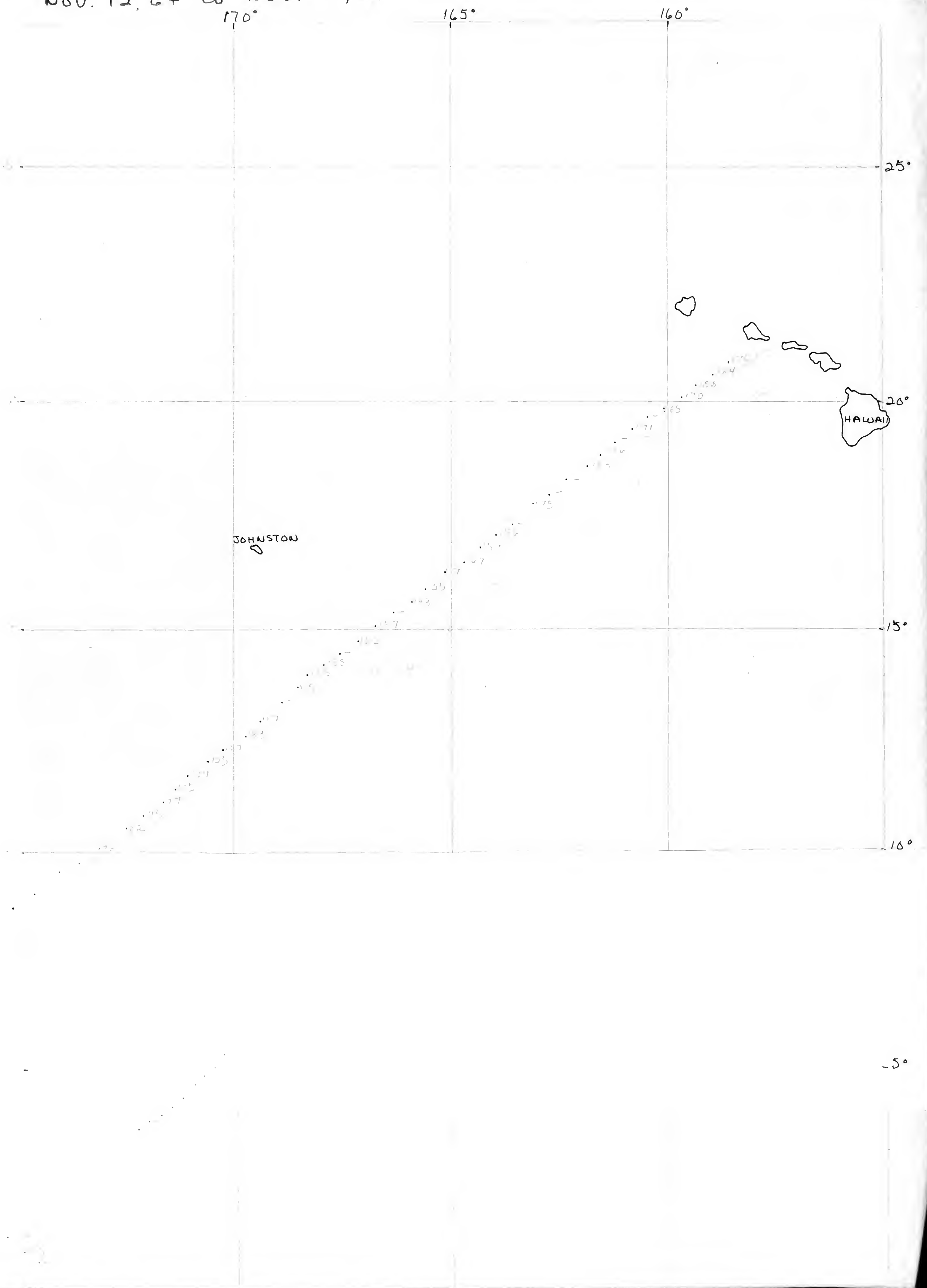
SMITHSONIAN CRUISE
GIL. MARSH. IS. - PART II
NOV. 12, '64 to NOV. 27, '64

SURFACE
TEMP. °C.



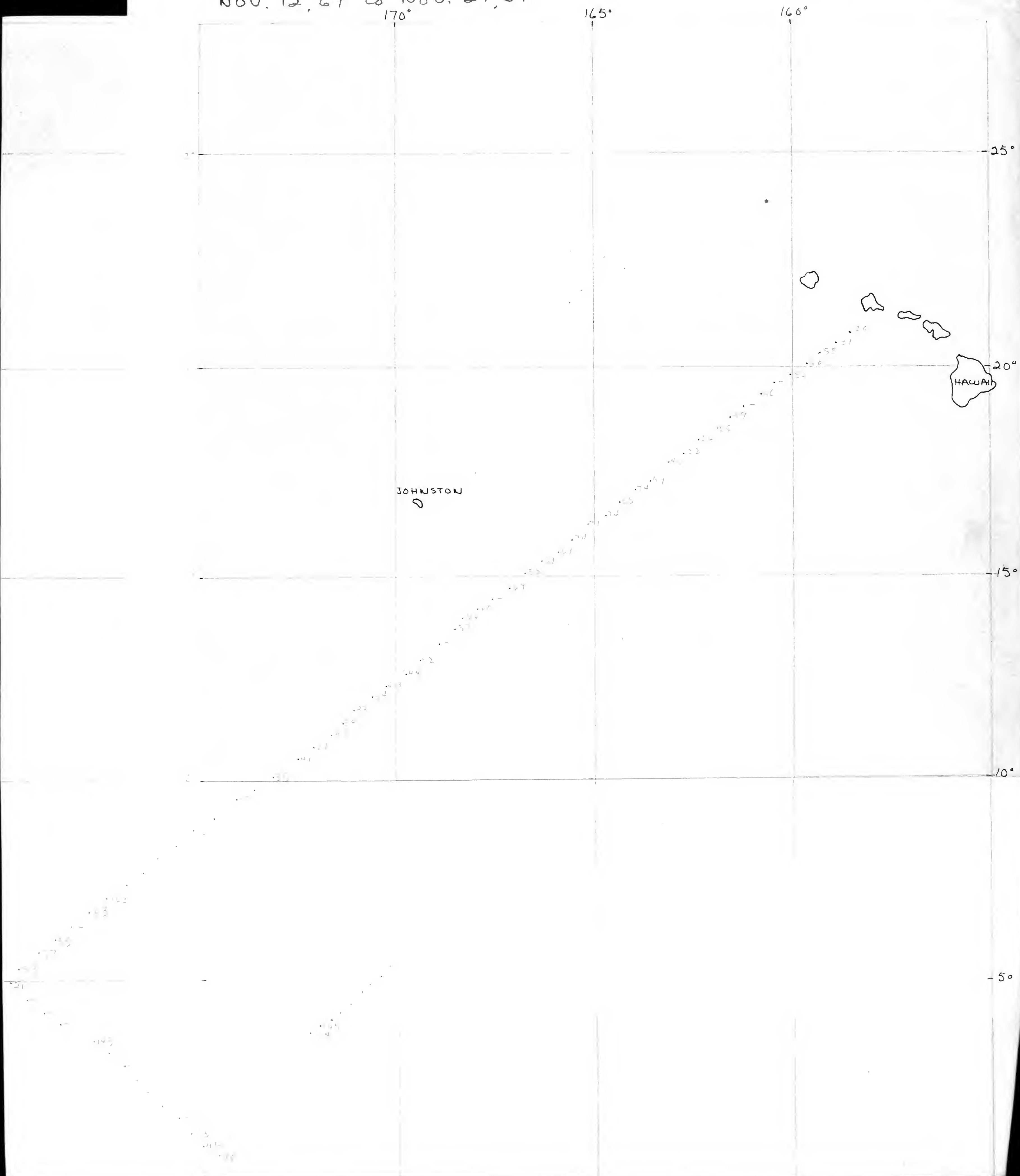
SMITHSONIAN CRUISE
GIL. MARSH. IS - PART II
NOV. 12, '64 TO NOV. 27, '64

20° ISOTHERM
(M)



SMITHSONIAN CRUISE
GIL. MARSH. IS. - PART II
NOV. 12, '64 TO NOV. 27, '64

DEPTH OF THE
MIXED LAYER (M)



SMITHSONIAN CR. - GIL. MARSH. IS.
NOV. 20, '64 to NOV. 21, '64

BT SECT'N
#39 - 52

3° N. LAT. (AVER.)

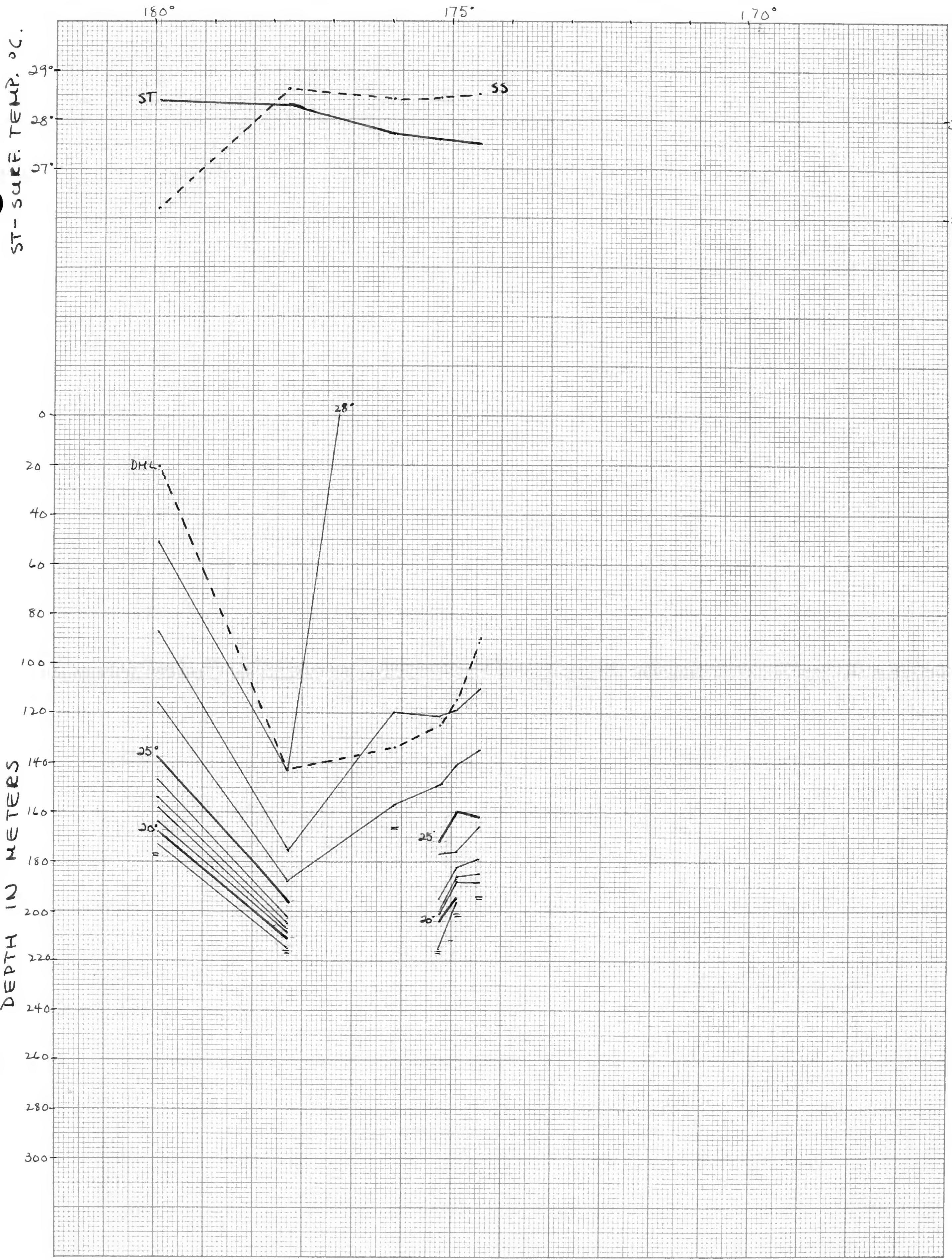
KEUFFEL & ESSER CO.
10 X 10 TO THE CENTIMETER 46 1512
MADE IN U.S.A.

ST - SURF. TEMP. °C.

SS - SURF. SALINITY

DEPTH IN METERS

DML - DEPTH OF THE MIXED LAYER



CBT

SMITHSONIAN CR.
GIL. MARSHALL ISLES
10-6-64 to 10-9-64

BT SECTION
#9-27
175'

16°N. LAT. (AVER.)

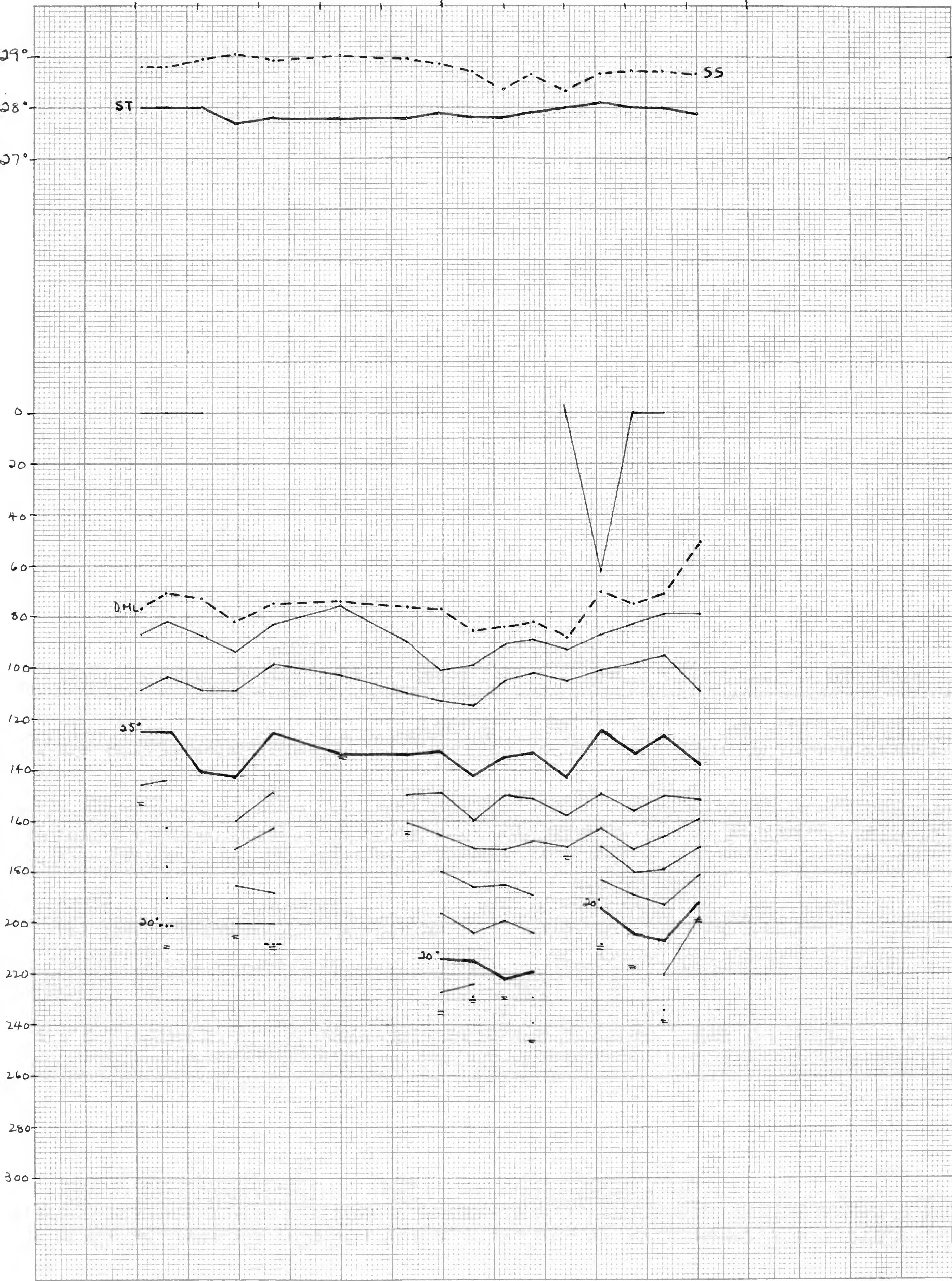
ST - SURF. TEMP. °C.

SS - SURF. SALINITY

DEPTH IN METERS

DML - DEPTH OF THE MIXED LAYER

10 X 10 TO THE CENTIMETER 46 1512
18 X 25 CM. KEUFFEL & ESSER CO. MADE IN U.S.A.



cont

180° 175° 170° 165° 160° 155°
5° N. LAT. 10° 15° 20°

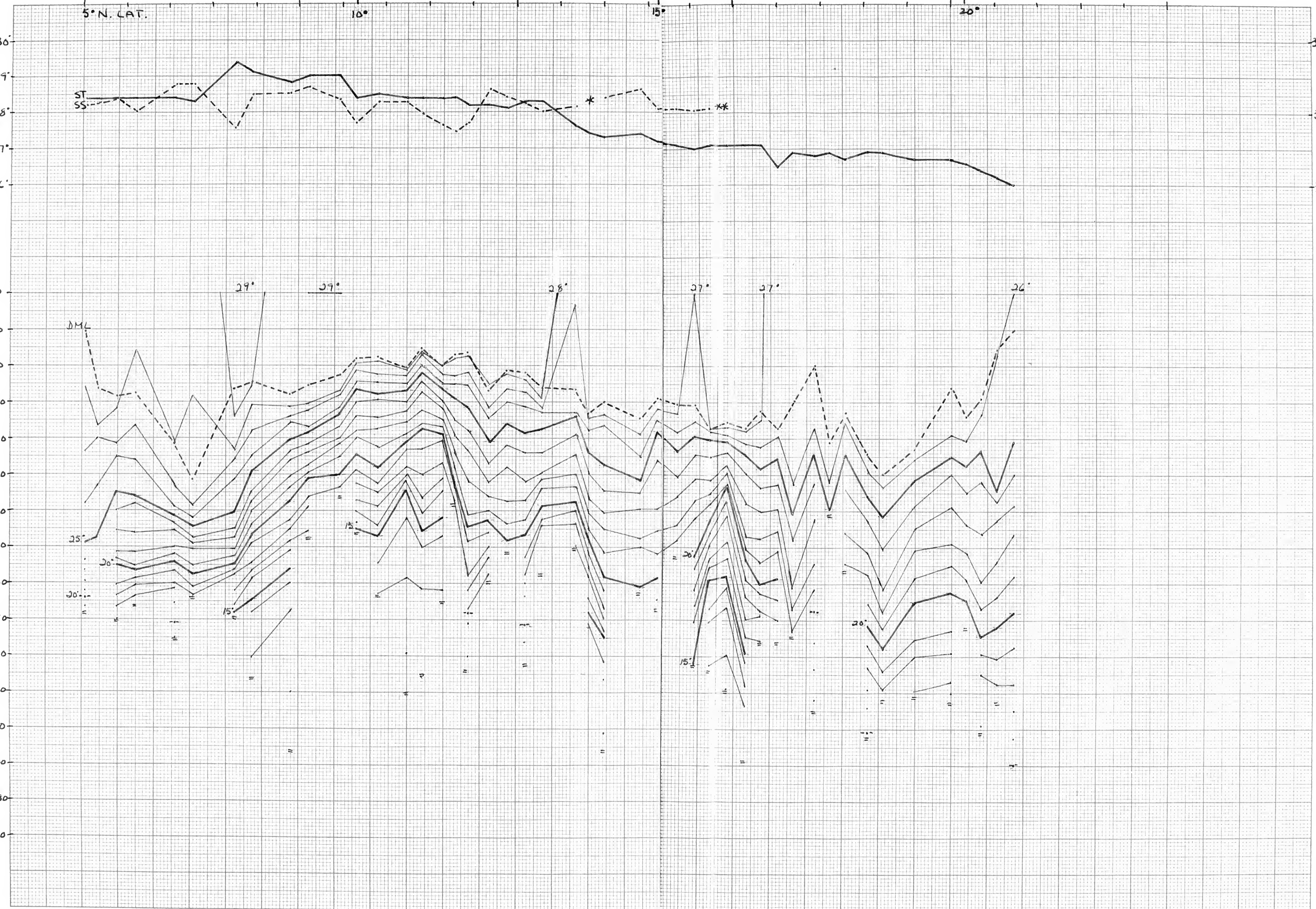
ST - SURF. TEMP. °C.

SS - SURF. SALINITY ‰

DEPTH IN METERS

DWL - DEPTH OF MIXED LAYER

KE 10 X 10 TO THE CENTIMETER 46 1512
18 X 25 CM KEUFFEL & ESSER CO. MADE IN U.S.A.



* NO SALINITY SAMPLE
** REMAINING SAMPLES INSUFFICIENT

Smithy.
 Marshall & Gilbert Islands
BT & Salinity Stations

Dr. Dotje office

Grid JJ10543
 5/22/64

No.	Date - 1964	Time	Lat.	Long.	SAL.	TEMP	
						F° SEA	C°
1	10-2-64	1100	20-35N	161-24W	35.06	81	27.2
2	10-2-64	1400	20-32N	161-52W	35.07	81	↓
3	10-2-64	1700	20-24N	162-22W	35.02	81	↓
4	10-2-64	2000	20-17N	162-53W	35.00	81	↓
5	10-2-64	2300	20-13N	163-24W	35.21	81	↓
6	10-6-64	1100	17-06N	178-16W	34.96	82	27.8
7	10-6-64	1400	16-58N	178-49W	35.03	82	↓
8	10-6-64	1700	16-51N	179-22W	35.36	82	↓
9	10-6-64	2000	16-45N	179-55W	34.90	83	28.3
10	10-6-64	2030	16-44N	179-30E	34.90	83	28.3
11	10-6-64	2300	16-38N	179-34E	35.00	82	27.8
12	10-8-64	0200	16-30N	178-55E	34.97	82	↓
13	10-8-64	0500	16-23N	178-22E	35.03	82	↓
14	10-8-64	0800	16-16N	177-46E	34.96	82	↓
15	10-8-64	1100	16-10N	177-43E	35.00	82	↓
16	10-8-64	1400	16-03N	176-40E	35.01	82	↓
17	10-8-64	1700	15-56N	176-08E	34.78	82	↓
18	10-8-64	2000	15-49N	175-35E	34.98	82	↓
19	10-8-64	2300	15-42N	175-03E	34.93	82	↓
20	10-9-64	0200	15-35N	174-31E	34.85	82	↓
21	10-9-64	0500	15-29N	174-00E	34.68	82	↓
22	10-9-64	0800	15-23N	173-32E	34.82	82	↓
23	10-9-64	1100	15-16N	172-59E	34.66	82	↓
24	10-9-64	1400	15-09N	172-26E	34.83	82	↓
25	10-9-64	1700	15-04N	171-54E	34.86	82	↓
26	10-9-64	2000	14-56N	171-24E	34.86	82	↓
27	10-9-64	2300	14-51N	170-50E	34.82	81	29.4
28		NO GOOD			34.69	81	↓
29	Nov. 12	1500	5-25N	170-12E	34.17	84	28.9
30	Nov 12	1700	5-10N	170-28E	34.49	84	28.9
31	Nov 12	1900	4-55N	170-43E	33.22	84	28.3
32	Nov 12	2100	4-42N	170-57E	34.35	83	↓
33	Nov 12	2300	4-27N	171-12E	34.47	84	↓
34	Nov 13	0100	4-16N	171-31E	35.26	83	↓

BT & Salinity Stations

p. 2
Sea Temp.

No	Date - 1944	Time	Lat.	Long.	SAL ‰	F	C
35	Nov 13	0300	4-03N	171-47E	35.32	35	13 28.3
36	Nov 13	0500	3-52N	172-00E	35.34	36	83 ↓
37	Nov 13	0700	3-41N	172-17E	35.28	37	83 ↓
38	Nov 19	2300			35.35	38	NO DATA
39	Nov 20	0200	0-37N	174-32E	35.26	39	81 27.2
40	Nov 20	0500	0-55N	174-55E	35.23	40	81 27.2
41	Nov 20	0800	1-13N	175-12E	35.22	41	84 28.9
42	Nov 20	1100	1-39N	175-34E	35.28	42	84 28.9
43	Nov 20	1400	1-59N	175-57E	35.21	43	82 27.8
44	Nov 20	1700	2-18N	176-19E	35.13	44	82 27.8
45	Nov 20	2000	2-34N	176-35E	35.23	45	84 28.9
46	Nov 20	2300	2-57N	176-59E	35.21	46	84 28.9
47	Nov 21	0200	3-15N	177-22E	35.14	47	83 28.3
48	Nov 21	0500	3-32N	177-45E	35.31	48	83
49	Nov 21	1100	3-58N	178-37E	34.15	49	83
50	Nov 21	1400	4-16N	179-03E	34.14	50	83
51	Nov 21	1700	4-33N	179-26E	34.19	51	83
52	Nov 21	2000	5-00N	179-55E	34.10	52	83
53	Nov 21	2300	5-21N	179-38W	34.14	53	83
54	Nov 22	0200	5-43N	179-11W	34.20	54	83
55	Nov 22	0500	6-04N	178-45W	34.01	55	83
56	Nov 22	0800	6-25N	178-19W	33.10	56	83
57	Nov 22	1100	6-47N	177-51W	34.37	57	83
58	Nov 22	1400	7-07N	177-25W	34.39	58	83
59	Nov 22	1700	7-25N	176-50W	34.40	59	83
60	Nov 22	2000	7-42N	176-27W	33.78	60	83 ↓
61	Nov 22	2300	8-05N	176-04W	34.24	61	84 28.9
62	Nov 23	0200	8-23N	175-35W	34.24	62	84
63	Nov 23	0500	8-45N	175-11W	34.25	63	84
64	Nov 23	0800	9-05N	174-46W	34.34	64	84
65	Nov 23	1145	9-33N	174-03W	34.18	65	84
66	Nov 23	1400	9-45N	173-40W	33.85	66	84
67	Nov 23	1700	10-05N	173-10W	34.13	67	84
68	Nov 23	2000	10-25N	172-46W	34.14	68	84
69	Nov 23	2300	10-33N	172-30W	33.98	69	84
69	Nov 23	0200	10-49N	172-09W	33.97	70	84
70	Nov 23	0500	11-09N	171-41W	33.83	71	84
71	Nov 23	0800	11-28N	171-24W	33.74	72	84 ↓
72	Nov 23	1100	11-44N	171-07W	33.84	72	82 27.8 ↓

67*

* Check one 2 stations -

70 82
71 82
72 82

BT + Salinity Stations

P. 3 SeaTemp

No.	Date - 1964	Time	Lat	Long	Sal ‰		F°	C°
73	Nov 23	1400	12-02 N	170-38 W	34.31	73	82	27.8
↓						74	82	27.8
74	Nov 23	1700	12-20 N	170-13 W	34.21	80	84	28.9
80	Nov 23	2000	12-32 N	169-48 W	34.12	81	84	28.9
81	Nov 23	2300	12-59 N	169-24 W	34.00	82	81	27.2
82	Nov 24	0200	13-23 N	168-59 W	33.50	83	81	↓
83	Nov 24	0500	13-42 N	168-37 W	34.07	84	81	↓
84	Nov 24	0800	14-00 N	168-20 W		85	82	27.8
85	Nov 24	1100	14-11 N	167-59 W	34.20	86	81	27.2
86	Nov 24	1400	14-28 N	167-35 W	34.17	87	81	↓
87	Nov 24	1700	14-45 N	167-10 W	34.32	88	81	↓
88	Nov 24	2000	15-04 N	166-46 W	34.05	89	81	↓
89	Nov 24	2300	15-23 N	166-21 W	34.06	90	81	↓
90	Nov 25	0200	15-34 N	165-56 W	34.03	91	81	↓
91	Nov 25	0500	15-55 N	165-35 W	34.06	92	81	↓
92	Nov 25	0800	16-14 N	165-10 W		93	80	26.7
93	Nov 25	1100	16-28 N	164-44 W		94	80	↓
94	Nov 25	1400	16-45 N	164-24 W		95	80	↓
95	Nov 25	1700	17-05 N	164-00 W		96	80	↓
96	Nov 25	2000	17-15 N	163-39 W		97	80	↓
97	Nov 25	2300	17-43 N	163-09 W		98	80	↓
98	Nov 26	0200	17-57 N	162-49 W		99	79	26.1
99	Nov 26	0500	18-16 N	162-23 W		100	79	↓
100	Nov 26	0800	18-53 N	161-58 W		101	79	↓
101	Nov 26	1100	18-49 N	161-35 W		102	79	↓
102	Nov 26	1400	19-05 N	161-13 W		103	79	↓
103	Nov 26	1700	19-21 N	160-51 W		104	79	↓
104	Nov 26	2000	19-38 N	160-30 W		105	79	26.7
105	Nov 26	2300	19-48 N	160-01 W		106	80	↓
106	Nov 27	0200	20-03 N	159-40 W		107	80	↓
107	Nov 27	0500	20-18 N	159-19 W		108	80	↓
108	Nov 27	0800	20-32 N	158-57 W		109	80	↓
109	Nov 27	1100	20-47 N	158-34 W				

REMAINING SAMPLES INSUFFICIENT

SMITHS. OCT-NOV GILBERT-MARSHALL

BT JJ 10543

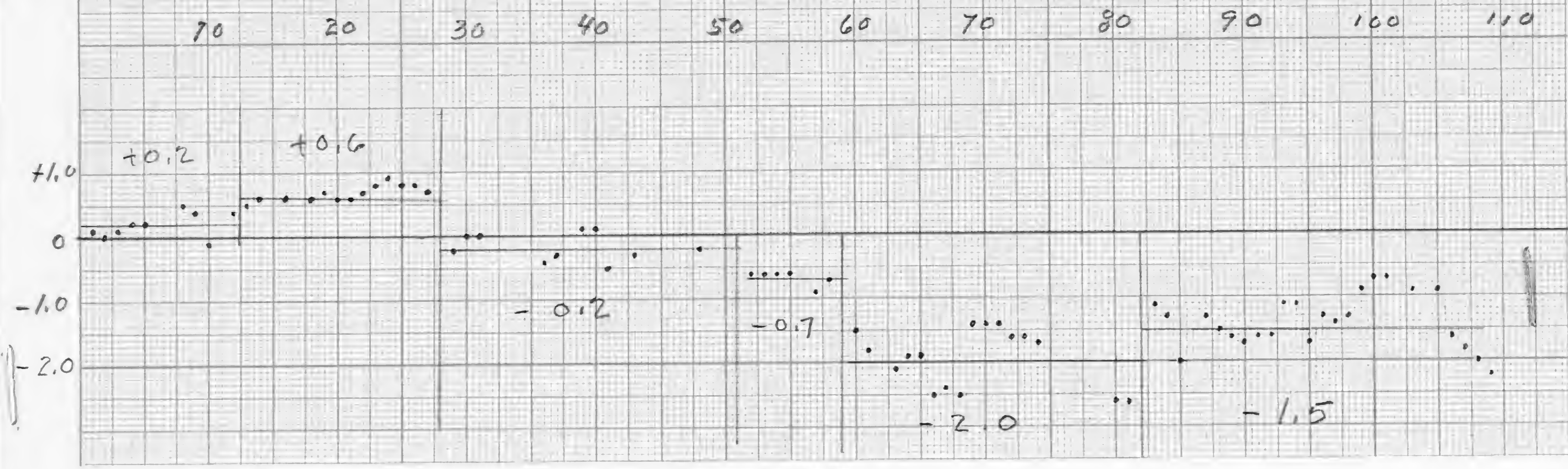
Slide No.	Surf BKT	Temp BT	Diff.	Corr.	Corr. Surf. T.	Slide No.	Surf. BKT	Temp. BT	Diff	Corr	Corr Surf. T
1	27.2	27.3	0.1	-0.2	27.1	57	28.3	27.4	-0.9	+0.7	28.4
2	.2	.2	0		.0	58	.3	.6	-.7		.3
3	.2	.3	.1		.1	60	.9	.4	-1.5	+2.0	29.4
4	.2	.4	.2		.2	61	.9	.1	-1.8		.1
5	.2	.4	.2		.2	63	.9	26.8	-2.1		28.8
8	.0000	28.3	.5		28.1	4	.9	27.0	-1.9		29.0
9	.0000	.2	.4		.0	65	.9	.0	-1.9		.0
10	28.3	.2	-0.1		.0	6	.9	26.4	-2.5		28.4
12	27.8	.2	.4		.0	7	.9	.5	-2.4		.5
13	.0000	.3	.5	-0.6	27.7	8	.9	.4	-2.5		.4
14	.0000	.4	.6		.8	9	27.8	.4	-1.4		.4
16	.0000	.4	.6		.8	70	.8	.4	-1.4		.4
18	.0000	.4	.6		.8	1	.8	.4	-1.4		.4
19	.0000	.5	.7		.9	2	.8	.2	-1.6		.2
20	.0000	.4	.6		.8	3	.8	.2	-1.6		.2
1	.0000	.4	.6		.8	74	.8	.1	-1.7		.1
2	.0000	.5	.7		.9	80	28.9	.3	-2.6		.3
3	.0000	.6	.8		28.0	81	.9	.3	-2.6		.3
4	.0000	.7	.9		.1	83	27.2	.1	-1.1	+1.5	27.6
25	.0000	.6	.8		.0	4	.2	27.7	-1.3		.4
6	.0000	.6	.8		.0	85	.8	.8	-2.0		.3
7	.0000	.5	.7		27.9	87	.2	.9	-1.3		.4
29	29.4	29.2	-0.2	+0.2	29.4	8	.2	.7	-1.5		.2
30	.4	.4	0		.6	9	.2	.6	-1.6		.1
31	.4	.4	0		.6	90	.2	.5	-1.7		.0
36	28.3	27.9	-0.4		28.1	1	.2	.6	-1.6		.1
7	.3	28.0	-.3		.2	2	.2	.6	-1.6		.1
8		27.5			27.7	3	26.7	.6	-1.1		.1
9	27.2	.3	0.1		.5	4	.7	.6	-1.1		.1
40	.2	.3	.1		.5	95	.7	.0	-1.7		26.5
41	28.9	.4	-0.5		.6	6	.7	.4	-1.3		.9
43	27.8	.5	-.3		.7	7	.7	.3	-1.4		.8
48	28.3	28.1	-.2		28.3	8	.7	.4	-1.3		.9
52	.3	27.7	-.6	+0.7	.4	9	.1	.2	-0.9		.7
3	.3	.7	-.6		.4	100	.1	.4	-0.7		.9
4	.3	.7	-.6		.4	101	.1	.4	-0.7		.9
55	.3	.7	-.6		.4	103	.1	.5	-0.9		.7
						105	.1	.2	-0.9		.7
						6	.7	.1	-1.6		.6
						7	.7	24.9	-1.8		.4
						8	.7	.7	-2.0		.2
						109	.7	.5	-2.2		.0

SM. CRUISE - GIL. MARSH. ISLE. - PART I

	2000		D.M.L.				
	1	-	76		71	105	34
	2	167	96		72	129	33
	3	188	85		73	125	34
	4	-	82		74	137	42
67	5	-	84		80	133	44
	8	-	85		81	117	22
	9	-	77		83	115	30
	10	201	71		84	135	66
	12	-	73		85	158	60
	13	-	82		87	162	99
	14	-	75		88	157	81
	16	-	74		89	151	61
	18	-	76		90	142	64
	19	215	77		91	125	74
	20	215	85		92	117	71
	21	221	84		93	147	74
	22	119	82		94	157	65
	23	-	88		95	156	74
	24	194	70		96	-	59
	25	204	75		97	175	40
	26	208	71		98	-	82
	27	192	51		99	-	66
	29	-	65		100	183	68
	30	-	102		101	196	99
	31	-	76		103	171	97
	36	-	145		105	165	86
	37	-	104		106	170	55
	38	-	81		107	188	68
	39	-	90		108	184	58
	40	195	115		109	176	31
	41	204	135				20
	43	-	134				
	48	210	143				
	52	168	21				
	53	-	53				
	54	150	57				
	55	152	55				
	57	148	83				
	58	155	103				
	60	149	49				
	61	135	56				
	63	115	31				
	64	102	45				
	65	101	35				
	66	89	35				
	67	96	35				
	68	82	47				
	69	75	31				
	70	77	40				

Part I

SMITHS OCT-NOV MARSH.-GILB. ISL.
BT JJ 10543



DETERMINATIONS BY INDUCTIVE SALINOMETER

OPERATOR		AIR T (°C)		TEMP. COMP.	STD. DIAL	CALCULATED	→ 2.5 SALINOMETER No.	BOX No.	SHEET No. of	CRUISE	STATION			
AB		18 12 1964		23.0	6612	12/19	Hytech	—	1 4	Smithsonian Cr. Mars. + Biol. Lab.	—			
TIME	TEMP DIAL	T (°C)	CONDUCTIVITY RATIO		NOMINAL SAL. (‰)	CORRECTIONS				SAMPLE No.	CORRECTED SAL. (‰)	✓	REMARKS	
			1	2	ACC.	DRIFT	T	DIL.	TOTAL					
	22.6	.	0.98233	.		34.307	.0	.0	.0	.0	73	34.31	✓	
	22.7	.	0.97975	.		34.206	.0	.0	.0	.0	74	34.21	✓	
	22.8	.	0.97756	.		34.120	.0	.0	.0	.0	80	34.12	✓	
	22.7	.	0.97454	.		34.002	.0	.0	.0	.0	81	34.00	✓	
	22.7	.	0.96170	.		33.500	.0	.0	.0	.0	82	33.50	✓	
	22.8	.	0.97621	.		34.067	.0	.0	.0	.0	83	34.07	✓	
	22.9	.	0.97963	.		34.201	.0	.0	.0	.0	85	34.20	✓	
	22.7	.	0.97890	.		34.172	.0	.0	.0	.0	86	34.17	✓	
	22.7	.	0.98270	.		34.322	.0	.0	.0	.0	87	34.32	✓	
	22.7	.	0.97580	.		34.051	.0	.0	.0	.0	88	34.05	✓	
	22.8	.	0.97610	.		34.063	.0	.0	.0	.0	89	34.06	✓	
	22.6	.	0.97520	.		34.027	.0	.0	.0	.0	90	34.03	✓	
	22.6	.	0.97608	.		34.062	.0	.0	.0	.0	91	34.06	✓	
	.	.	.	.		3	.0	.0	.0	.0	96	3		Sample insufficient
	.	.	.	.		3	.0	.0	.0	.0		3		
	.	.	.	.		3	.0	.0	.0	.0		3		
	.	.	.	.		3	.0	.0	.0	.0		3		
	.	.	.	.		3	.0	.0	.0	.0		3		
	.	.	.	.		3	.0	.0	.0	.0		3		
	.	.	.	.		3	.0	.0	.0	.0		3		
	.	.	.	.		3	.0	.0	.0	.0		3		
	.	.	.	.		3	.0	.0	.0	.0		3		
	.	.	.	.		3	.0	.0	.0	.0		3		



UNIVERSITY OF CALIFORNIA
SCRIPPS INSTITUTION OF OCEANOGRAPHY

DETERMINATIONS BY INDUCTIVE SALINOMETER

DATA COLLECTION AND PROCESSING GROUP

OPERATOR		AIR T (°C)	TEMP. COMP.	STD. DIAL	CALCULATED	→ 2.5 SALINOMETER No.	BOX No.	SHEET No. of	CRUISE	STATION			
AB		23.0	76	6573	12/11	Hytech	-	2/4	East Coast of Mar. - 35. 36	-			
DAY	MONTH												
TIME	TEMP. DIAL	T (°C)	CONDUCTIVITY RATIO		NOMINAL SAL. (‰)	CORRECTIONS				SAMPLE No.	CORRECTED SAL. (‰)	✓	REMARKS
			1	2		DRIFT	T	DIL.	TOTAL				
	23.1	.	0.97818	.	34.144	.0	.0	.0	.0	50	34.14	✓	
	23.1	.	0.97930	.	34.188	.0	.0	.0	.0	51	34.18	✓	
	23.0	.	0.97701	.	34.098	.0	.0	.0	.0	52	34.10	✓	
	22.9	.	0.97820	.	34.145	.0	.0	.0	.0	53	34.14	✓	
	23.0	.	0.97956	.	34.198	.0	.0	.0	.0	54	34.20	✓	
	23.0	.	0.97470	.	34.008	.0	.0	.0	.0	55	34.01	✓	
	23.0	.	0.95135	.	33.097	.0	-0.001	.0	.0	56	33.10	✓	
	22.9	.	0.98400	.	34.372	.0	.0	.0	.0	57	34.37	✓	
	23.1	.	0.98444	.	34.390	.0	.0	.0	.0	58	34.39	✓	
	23.0	.	0.98483	.	34.405	.0	.0	.0	.0	59	34.40	✓	
	23.0	.	0.96900	.	33.785	.0	.0	.0	.0	60	33.78	✓	
	23.0	.	0.98066	.	34.241	.0	.0	.0	.0	61	34.24	✓	
	22.9	.	0.98060	.	34.239	.0	.0	.0	.0	62	34.24	✓	
	22.9	.	0.98090	.	34.251	.0	.0	.0	.0	63	34.25	✓	
	22.9	.	0.98320	.	34.341	.0	.0	.0	.0	64	34.34	✓	
	22.9	.	0.97913	.	34.181	.0	.0	.0	.0	65	34.18	✓	
	22.9	.	0.97071	.	33.852	.0	.0	.0	.0	66	33.85	✓	
	22.9	.	0.97769	.	34.126	.0	.0	.0	.0	67	34.13	✓	
	23.0	.	0.97819	.	34.145	.0	.0	.0	.0	67-A	34.14	✓	
	23.0	.	0.97400	.	33.980	.0	.0	.0	.0	68	33.98	✓	
	22.9	.	0.97383	.	33.973	.0	.0	.0	.0	69	33.97	✓	
	22.9	.	0.97020	.	33.832	.0	.0	.0	.0	70	33.83	✓	
	22.9	.	0.96775	.	33.736	.0	.0	.0	.0	71	33.74	✓	
	22.7	.	0.97040	.	33.840	.0	.0	.0	.0	72	33.84	✓	
	3	.0	.0	.0	.0	3	.		



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DETERMINATIONS BY INDUCTIVE SALINOMETER

DATA COLLECTION AND PROCESSING GROUP

OPERATOR		DAY MONTH		AIR T (°C)	TEMP. COMP.	STD. DIAL	CALCULATED	→ 2.5 SALINOMETER No.	BOX No.	SHEET No. of	CRUISE	STATION
AB		10 12 1964		23.0	76	6660	12/10	Hytech		3 4	Smithsonian Cruise	
TIME	TEMP. DIAL	T (°C)	CONDUCTIVITY RATIO		NOMINAL SAL. (‰)	CORRECTIONS				SAMPLE No.	CORRECTED SAL. (‰)	REMARKS
			1	2	ACC.	DRIFT	T	DIL.	TOTAL			✓
	23.5	.	0.99635	.		34.857	.0	.0	.0	26	34.86	✓
	23.4	.	0.99537	.		34.819	.0	.0	.0	27	34.82	✓
	23.3	.	0.99216	.		34.692	.0	.0	.0	28	34.69	✓
	23.3	.	0.97890	.		34.172	.0	.0	.0	29	34.17	✓
	23.3	.	0.98707	.		34.493	.0	.0	.0	30	34.49	✓
	23.3	.	0.95454	.		33.221	.0	.0	.0	31	33.22	✓
	23.3	.	0.98350	.		34.353	.0	.0	.0	32	34.35	✓
	23.3	.	0.98643	.		34.468	.0	.0	.0	33	34.47	✓
	23.2	.	1.00651	.		35.256	.0	.0	.0	34	35.26	✓
	23.3	.	1.00810	.		35.319	.0	.0	.0	35	35.32	✓
	23.6	.	1.00867	.		35.342	.0	.0	.0	36	35.34	✓
	23.6	.	1.00710	.		35.280	.0	.0	.0	37	35.28	✓
	23.4	.	1.00897	.		35.354	.0	.0	.0	38	35.35	✓
	23.3	.	1.00654	.		35.258	.0	.0	.0	39	35.26	✓
	23.3	.	1.00582	.		35.229	.0	.0	.0	40	35.23	✓
	23.3	.	1.00567	.		35.224	.0	.0	.0	41	35.22	✓
	23.2	.	1.00699	.		35.276	.0	.0	.0	42	35.28	✓
	23.2	.	1.00539	.		35.213	.0	.0	.0	43	35.21	✓
	23.2	.	1.00338	.		35.133	.0	.0	.0	44	35.13	✓
	23.3	.	1.00592	.		35.233	.0	.0	.0	45	35.23	✓
	23.0	.	1.00540	.		35.213	.0	.0	.0	46	35.21	✓
	23.0	.	1.00362	.		35.143	.0	.0	.0	47	35.14	✓
	23.1	.	1.00777	.		35.306	.0	.0	.0	48	35.31	✓
	23.1	.	0.97834	.		34.151	.0	.0	.0	49	34.15	✓
						3	.0	.0	.0		3	

DETERMINATIONS BY INDUCTIVE SALINOMETER

OPERATOR		AIR T (°C)	TEMP. COMP.	STD. DIAL	CALCULATED	→ 2.5 SALINOMETER No.	BOX No.	SHEET No. of	CRUISE	STATION			
AB		23.0	76	6645	12/17	Hytech	—	4 4	Smithsonian Cruise Mar. & Biol. Lab.	—			
TIME	TEMP. DIAL	T (°C)	CONDUCTIVITY RATIO		NOMINAL SAL. (‰)	CORRECTIONS				SAMPLE No.	CORRECTED SAL. (‰)	✓	REMARKS
			1	2		DRIFT	T	DIL.	TOTAL				
	22.9	.	1.00166	.	35.065	.0	.0	.0	.0	1	35.06	✓	
	22.9	.	1.00175	.	35.069	.0	.0	.0	.0	2	35.07	✓	
	22.8	.	1.00042	.	35.017	.0	.0	.0	.0	3	35.02	✓	
	22.7	.	0.99992	.	34.997	.0	.0	.0	.0	4	35.00	✓	
	22.8	.	1.00540	.	35.213	.0	.0	.0	.0	5	35.21	✓	
	22.8	.	0.99910	.	34.965	.0	.0	.0	.0	6	34.96	✓	
	22.8	.	1.00081	.	35.032	.0	.0	.0	.0	7	35.03	✓	
	22.8	.	1.00900	.	35.355	.0	.0	.0	.0	8	35.36	✓	7
	22.8	.	0.99740	.	34.878	.0	.0	.0	.0	9-10	34.90	✓	—
	22.7	.	1.00012	.	35.005	.0	.0	.0	.0	11	35.00	✓	
	22.5	.	0.99920	.	34.969	.0	.0	.0	.0	12	34.97	✓	
	22.5	.	1.00083	.	35.033	.0	.0	.0	.0	13	35.03	✓	
	22.4	.	0.99891	.	34.957	.0	.0	.0	.0	14	34.96	✓	
	22.5	.	1.00000	.	35.000	.0	.0	.0	.0	15	35.00	✓	
	22.5	.	1.00020	.	35.008	.0	.0	.0	.0	16	35.01	✓	
	22.4	.	0.99430	.	34.776	.0	.0	.0	.0	17	34.78	✓	
	22.5	.	0.99960	.	34.984	.0	.0	.0	.0	18	34.98	✓	
	22.6	.	0.99811	.	34.926	.0	.0	.0	.0	19	34.93	✓	
	22.6	.	0.99610	.	34.847	.0	.0	.0	.0	20	34.85	✓	
	22.5	.	0.99190	.	34.682	.0	.0	.0	.0	21	34.68	✓	
	22.4	.	0.99550	.	34.824	.0	.0	.0	.0	22	34.82	✓	
	22.4	.	0.99131	.	34.659	.0	.0	.0	.0	23	34.66	✓	
	22.3	.	0.99565	.	34.930	.0	.0	.0	.0	24	34.83	✓	
	22.3	.	0.99650	.	34.863	.0	.0	.0	.0	25	34.86	✓	
					3	.0	.0	.0	.0		3		