

Japan to Bering Sea.

5th June 1900

37

3772 - 3786

3771 Dr
4016 Keys

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hutchinson

(6) No. *3772 D* Date *5 June 1900*
Lanner Machine. Recl.

Turns *76* Cor. + *3* Depth *79 fms*

Shot or lead *26 pound*

Bottom *M. & S.*

Bottom temperature

No. of thermometer } *None* Cor.

Corrected temperature

Air *67* Surface *59* Drift *233° E. 1.0'*

Trawl or dredge *Lanner 8 No weights*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>11-47.20</i>	<i>49.10</i>	<i>0</i>	<i>11-54.30</i>	<i>29.50</i>
<i>47.40</i>	<i>48 =</i>	<i>76</i>	<i>11-59.35</i>	<i>26. =</i>
		<i>100</i>	<i>12-01.50</i>	<i>24.10</i>
		<i>150</i>		
		<i>200</i>		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kinkuwasan Light, N 34° W, 7.5 m

61L
907
7

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Jap Chart #81.

38° 10' 40" N

141° 40' 50" E

496	12.
76	9
420	3
	76
	79

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	6 sps	Fishes		
100	1 u	Cephalopod		
200	2 u	Macrura		
300	1 u	Anomura		
400	2 u	Annelids		
500	3 u	Starfish		
600	1 u	Echini		
700				
800				
900				
1000				

REMARKS:

No. *3773* Date *5 June 1900*
Tanner Machine. Reel.

Turns *75* Cor. + *3* Depth *78 fms*

Shot or lead *26 pounds*

Bottom *pk S.*

Bottom temperature

No. of thermometer

Corrected temperature

None Cor.

Air *68* Surface *61* Drift *N 55° E. 1.0'*

Trawl ~~or dredge~~ *Tanner 8 ft. No Weights*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1-00.35</i>	<i>02-10</i>	<i>0</i>	<i>1:02.50</i>	<i>36.35</i>
<i>01-05</i>	<i>01-15</i>	<i>75</i>	<i>07.40</i>	<i>32.40</i>
		<i>100</i>	<i>10 -</i>	<i>30.40</i>
		<i>150</i>		
		<i>200</i>		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kin Kuwasan Light, N49°N, 5.9 m

OK
H.C.H.
/4

2500	Jap, chart 81.	
2600		
2700	38°13' N	
2800	141°41'05" E	
2900		
3000		
3100		
3200		
3300	496	12
	75	9
3400		
	421	3
3500		75
3600		
		78
3700		
3800		
3900		
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100	7 ap	Fishes		
200	1 "	Cephalopod		
300	3 "	Macrura		
400	1 "	Anomura		
500	2 "	Starfish		
600	1 "	Ophiuran		
700	1 "	Holothurian		
800				
900				
1000				

REMARKS:

Sketch

(4)

No. *3774* Date *5 June 1900*

Tanner Machine. Reel.

Turns *78* Cor. + *3* Depth *81 fms*

Shot or lead *26 pound*

Bottom *gy S.*

Bottom temperature

No. of thermometer } *None* Cor.

Corrected temperature

Air *65* Surface *61* Drift *N 50° E. 1.0'*

Trawl or dredge *Tanner 8' No Weights*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>1:58.50</i>	<i>01 =</i>	<i>78</i>	<i>2:03.20</i>	<i>31.05</i>
<i>59.40</i>	<i>2-00-</i>	<i>100</i>	<i>18.20</i>	<i>27.30</i>
		200	<i>13.10</i>	<i>25 =</i>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kinkuwasan Light, N 81° W, 5.4 m

OK
H. O. S.
/

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Jap chart #81.

38° 16' N

141° 42' 20" E.

496

12

78

9

418

3

78

81

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	4 sps	Fishes		
100	2 "	Cephalopods		
200	2 "	Macrura		
300	1 "	Anomura		
400	1 "	Annelids		
500	2 "	Starfish		
600	1 "	Echini		
700	3 "	Pennatulids		
800	1 "	Holothurian		
900				
1000				

REMARKS:

No. 3775 Date 5 June 1900

Tanner Machine. Reel.

Turns 55 Cor. + 2 Depth 57 fms

Shot or lead 26 pound

Bottom gn M. S.

Bottom temperature

No. of thermometer } none Cor.

Corrected temperature

Air 65 Surface 60 Drift NE. 0.9'

Trawl or dredge Tanner 8' No Weight

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
3: 37.40	38.50	0	3: 39.20	4.05.40
38.05	38.10	50	43.10	
		100	46.30	4.01.15
		150		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kink was on light, N 15° E., 3.2 m

OK
H.C.B.
2

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Jap. #81.

38° 13' 50" N
141° 34' 30" E

496 12
55 10
441 2
55
57

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	1 sp	Fish		
100	2 "	Gastropods		
200	4 "	Lamellibranchs		
300	2 "	Dentalia		
400	1 "	Nudi branch		
500	3 "	Macrura		
600	1 "	Anomura		
700	5 "	Annelids		
800	3 "	Starfish		
900	3 "	Ophiurans		
1000	1 "	Echini		
	3 "	Holothurians		

REMARKS:

Net came up o.k. one
small sent in same.

507. *W.W.R.* *P.I. 27.4*

No. *4017 Hy⁵* Date *16. June 1900*

Sigsbee Machine. #1 Reel. *Built up.*

Turns *489* Cor. + *39* Depth *528 fms.*

Shot or lead *35 pound*

Bottom *wt. S. fm. g.*

Bottom temperature

No. of thermometer } *None* Cor.

Corrected temperature

Air *36* Surface *36* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8.04.40</i>	<i>8.25=</i>	0		
<i>07.15</i>	<i>22.45</i>	100		
<i>08.20</i>	<i>21.30</i>	200		
<i>09.25</i>	<i>20.20</i>	300		
<i>10.35</i>	<i>16-</i>	400		
<i>11.40</i>	<i>8.15-</i>	<i>489</i> 500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

46° 40' N.

152° 01' 30" E.

S 18° of Simushid

2500

Ba chart # 2405.

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

Pos = approx.

Cape Rollin,
N 67° W. 21.0 mi

3600

153

489

114

3,111

39

489

528

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Reel slipped on shaft when started to reel in thermometer register off			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hutchinson

3071

① No. 3776 Date 21 June 1900
Hand Lead Machine. Reel.

Turns Cor. + Depth 13 fms

Shot or lead 12 lb.

Bottom S.M. gn. Sh. Stk.

Bottom temperature

No. of thermometer } none Cor.

Corrected temperature } 8.40 E.

Air 44 Surface 48 Drift 0.6 m

Trawl or dredge Tanner 8' No. Wrights

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7-36-

0
25
100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

7-38-20
40-

54-10
7-52-

53° 02' N 158° 34' E.
~~Awatcha Bay~~ N 44° W. 2 mi.

Awatcha Bay.

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

Box 1040.

Direction Bluff,
 N 30° W. (true)
 2.0 miles.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	One small hole torn in corner of net. Repaired.			
50				
100				
200	Much mud, with shells, worm tubes, etc.			
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *3777 Dr* Date *21 June 1900*
Hand L Machine. Reel.

Turns Cor. + Depth *13 fms*
~~Shot or lead~~ *12 pound*
 Bottom *sft. M. gw*
 Bottom temperature
 No. of thermometer } *Stone* Cor. *(8.48° N.*
 Corrected temperature } *2/3 m.*
 Air *45* Surface *49* Drift
 Trawl or dredge *Tanner 8 fms weights*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8-46-</i>		0	<i>8.48-</i>	<i>9 01 30</i>
		<i>20</i>	<i>8.49.30</i>	
		<i>25</i>	<i>8.50.30</i>	<i>9 00.30</i>
		<i>25</i>		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Avatcha Til. N 70 W. 3.8 m.

Avatcha Bay

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Ba*1040.

52° 59' 40" N
158° 32' 15" E -

Direction Bluff,
North, 4 1/10 miles.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Much mud with shells, worm tubes, etc.			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

W. H. L.

807.

No. 3778 Date 21 June 1900
 Band Machine. Reel.

Turns Cor. + Depth 15 fms

Shot or lead 12 pound to 12 "

Bottom sft. gy. M. S. Sh. G.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 45

Surface 49

Drift

Trawl or dredge

Summer 8' No weights

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-28-		0	9.29-	9.36.50
		25	9.30.40	9.35.40
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

N. Ent. of Jarvis Island, N. 73° W. 2.17

OK H.C. H.P.	Avatch Bay	2500	Bar 1040.
		2600	52° 56' 55" N
		2700	158° 31' 00" E.
		2800	
		2900	Direction Bluff,
		3000	N 6° E., 7 mile.
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3779 Date 21 June 1900

Machine. Reel.

Turns Cor. + Depth 12 fms.

Shot or lead 12 pound

Bottom ft. gn. M. S. Sh. G.

Bottom temperature

No. of thermometer } None Cor.

Corrected temperature } 75.7

Air 45 Surface 49 Drift 1/2 m

Trawl or dredge 8 Tanner 10 weights

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10-02

18

10.04-1016.30

0515-1015.30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

N. Ent. Jarenski, N 16° E. 1.6 mi

OK OK OK	Jarenski Hbr	2500	Cevatcha Bay
		2600	Bar 10 40.
		2700	
		2800	52° 56' N
		2900	158° 29' E.
		3000	
		3100	West Point
		3200	Jarenski Pen ^a .
		3300	S. 23° E. ⁶ / ₁₀ mile.
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

W. W. L.

No. *3780* Date *21 June 1900*

Hand L Machine. Reel.

Turns Cor. + Depth *12 fms*

Shot or lead *12 pound*

Bottom *ft gn. M. Sh. G. S.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *45* Surface *49* Drift *3/10 m*

Trawl or dredge *8 Tanner No weights*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

		0	<i>10 35.10</i>	<i>47 20</i>
<i>10-33-</i>		<i>18</i>	<i>36 20</i>	<i>10.46.30</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

~~90, near S. Shore, Jarenski, S. 43° 71, 2.7~~

Jarenski Mr	2500	Abatcha Bay -
	2600	Ba #1040.
	2700	52° 54' 45" N.
	2800	158° 27' 15" E.
	2900	
	3000	West Point Jarenski
	3100	Peninsula,
	3200	N 40° E, 10 mile.
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Dutchman
Lipsett*

No. *3781* Date *23 June 1900*
Tanner Machine. Reel.

Turns *38* Cor. + *1* Depth *39 fms*
 Shot or lead *26 lb.* to *42 fms -*

Bottom *gy S & G.*

Bottom temperature }
 No. of thermometer } *none* Cor.

Corrected temperature } *3/4 m*

Air *56* Surface *50* Drift *E 7° N.*

Trawl or dredge *8 Tanner No weights*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>0.12</i> 32.10	33 =	0	3.55	4.22.20
32.25	32.27	38 400		
		80 200	3.59.30	4.19.30
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Malatcheff, N 5° E. 10 3/4 m.

OK HTC OK	E. Coast Kamchatka	2500	Ho * 54.
		2600	
		2700	52° 58' 30" N.
		2800	159° 21' 30" E.
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	508
		3500	38
		3600	470
		3700	
		3800	
		3900	
		4000	
			12
			11
			1

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700	Net came up capsized			
800	Small catch			
900				
1000	Lost	hooked		

REMARKS:

13 lines over at 2.41 PM
In at 3.45 pm

17 flounder lgs

2 Sculpins lgs

47 Cod fish. 19 males, 28 females.
avg length - 29 1/2" avg wt - 15 1/4 lbs.

501. *Lipsett*

No. *3782 D* Date *23 June 1900*
Tanner Machine. Reel.

Turns *40* Cor. + *2* Depth *42 fms*

Shot or lead *26 lb -*

Bottom *gy. S. S.*

Bottom temperature *36.0*

No. of thermometer *92446* Cor.

Corrected temperature *1/2 mile*

Air *54* Surface *50* Drift *67° N.*

Trawl or dredge *Tanner. No weights*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M.</i> <i>4-25-</i>		0	<i>4.28.00</i>	<i>4.59.35</i>
		100	<i>33.10</i>	<i>50.30</i>
		<i>125</i> 200	<i>4.34.20</i>	<i>4.49.20</i>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Malachoff, Jr. 5' N. 10.5 m -

S. Coast Kamchatka 2500 Ho # 54.

OK H.C.B. on	2600	
	2700	520 58' 30" N
	2800	1500 22' 35" E
	2900	12
	3000	10
	3100	2
	3200	40
	3300	42
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300	Very small catch			
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hutchinson

Cat Log 97.4

No. 4018 Date 23 June 1900
Tanner Machine. Reel.

Turns 83 Cor. + 4 Depth 87 fms

Shot or lead 26 lb

Bottom Hc. vol. S. fr. D. Co.

Bottom temperature 35.2

No. of thermometer 92446 Cor.

Corrected temperature

Air 47 Surface 47 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-02.35	04-25	0		
03-15	8-03-25	53		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Schipanski, N. 33° W. 9 m.

91
H.O. 5.
— 2

2500

H.O. 54.

2600

2700

52° 58' N.

2800

160° 07' 30" E.

2900

3000

3100

3200

3300

496
93

12
8

3400

412

— 4

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *Leipziger* P. L. 82.1

No. *4019* Date *24 June 1900*

Sigsbee Machine. *1* Reel. *Built up*

Turns *2848* Cor. + *143* Depth *2991 fms.*

Shot or lead *60 pound.* *OK*

Bottom *gn S & M vol HCB.*

Bottom temperature *35.0 F*

No. of thermometer *92446* Cor.

Corrected temperature

Air *46* Surface *45* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5.06.45</i>	<i>6.15.25</i>	0		
<i>08.00</i>	<i>14.20</i>	100		
<i>08.50</i>	<i>13.20</i>	200		
<i>09.50</i>	<i>12.20</i>	300		
<i>10.35</i>	<i>11.15</i>	400		
<i>11.30</i>	<i>10.15</i>	500		
<i>12.25</i>	<i>09.20</i>	600		
<i>13.25</i>	<i>08.20</i>	700		
<i>14.20</i>	<i>07.20</i>	800		
<i>15.25</i>	<i>06.20</i>	900		
<i>16.25</i>	<i>05.20</i>	1000		
<i>17.30</i>	<i>04.20</i>	1100		
<i>18.40</i>	<i>03.15</i>	1200		
<i>19.50</i>	<i>02.15</i>	1300		
<i>21.00</i>	<i>01.15</i>	1400		
<i>22.15</i>	<i>00.15</i>	1500		
<i>23.25</i>	<i>59.10</i>	1600		
<i>24.35</i>	<i>58.05</i>	1700		
<i>25.45</i>	<i>56.50</i>	1800		
<i>27.00</i>	<i>55.40</i>	1900		
<i>28.15</i>	<i>54.30</i>	2000		
<i>29.30</i>	<i>53.00</i>	2100		
<i>30.50</i>	<i>51.40</i>	2200		
<i>31.10</i>	<i>50.15</i>	2300		
<i>32.30</i>	<i>48.50</i>	2400		

Petropavleski to Unalaska -

5 34.50	5 47.20	2500	CS, T.
36.15	45.55	2600	53° 15' N.
37.35	44.35	2700	162° 12' E.
39.00	43.10	2800	
39.40	5 42.00	2848	
		3000	
		3100	3600 153
		3200	2848 10
		3300	752 143
		3400	2848
		3500	2991
Cape Kosloff		3600	N 15° W. (true)
Cape Shumskii		3700	8822
each dist. about		3800	72 m dist.
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hutchinson

Cat. Log 76.3

No. 4020 *Hyl* Date June 24 1900
Sigsbee Machine. #1 Reel. Built Up.
 Turns 1697 Cor. + 107 Depth 1804 fms.
 Shot or lead 60 lb.

Bottom gy & fm S vol
 Bottom temperature 35.5

No. of thermometer 92446 Cor.

Corrected temperature

Air 48 Surface 47 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-05 =	42 =	0		
06.10	41.50	100		
07 =	40.50	200		
07.50	39.45	300		
08.40	38.40	400		
09.30	37.40	500		
10.30	36.35	600		
11.30	35.30	700		
12.30	34.25	800		
13.30	33.20	900		
14.30	32.10	1000		
15.40	31.10	1100		
16.40	30.05	1200		
17.50	29 =	1300		
18.55	27.50	1400		
20.05	26.30	1500		
21.10	25 =	1600		
22.30	23.40	1697		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Petropaulskii to Unalaska

OK H.C.B. SE End Bering and Cape Kronotski each about	2500	CS. ^a T. ^a
	2600	53° 34' N
	2700	164° 23' E,
	2800	
	2900	
	3000	NE (true)
	3100	NW "
	3200	108 m dist.
	3300	
	3400	3600 153
	3500	1697 46
	3600	1903 107
	3700	1697
	3800	1804
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lipson *P. L. 2.0*
Hutchinson
 No. *3783* Date *25 June 1900*
Signe Machine. *#1* Reel. *Built up*
 Turns *1469* Cor. + *98* Depth *1567 fms*
 Shot or lead *60 pounds*
 Bottom *gy S gu M*
 Bottom temperature *35.5*
 No. of thermometer *92446* Cor.
 Corrected temperature
 Air *44* Surface *46* Drift *1.5^m South.*
 Trawl or dredge *8' Tanner weighted*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
5.19.30	5.51.40	0	6.21.00	48.20
20.35	50.45	100	25.30	43.30
21.25	49.50	200	29.30	40.10
22.15	48.50	300	33.00	36.15
23.10	47.55	400	36.40	32.15
24.05	47.00	500	40.10	28.35
25.05	45.50	600	44.15	24.35
26.00	44.40	700	48.30	20.35
27.00	43.30	800	51.30	16.35
28.00	42.25	900	54.30	12.30
29.00	41.30	1000	57.40	08.30
30.10	40.30	1100	7.00.00	9.04.20
31.20	39.25	1200	02.15	59.55
32.25	38.15	1300	04.55	55.30
33.30	37.00	1400	07.35	51.00
34.20	5.36.00	1469	10.35	46.20
		1500	13.25	43.35
		1600	16.15	38.50
		1700	18.45	34.30
		1800	21.20	28.40
		1900	24.10	22.50
		2000	27.05	16.00
		2100	29.40	09.55
		2200	7.32.00	8.02.15
		2300		
		2400		

Petrofawlski to Unalakka -
 66. Cape Copper 30
 N 16 1/2 E. dist abt 40 m

OK
 H.C.T.
 in

2500	C 8, " T -
2600	53° 57' N
2700	167° 40' E.
2800	
2900	
3000	
3100	
3200	3600 153
3300	1469 55
3400	2131 98
3500	1469
3600	1567
3700	
3800	
3900	
4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800	Number of slender stalked eusoids, with base roots attached.			
900				
1000				

REMARKS:

Lepsett P. L. 94.5

No. 4021 *Key* Date 26 June 1900

Sigsbee Machine. #1 Reel. *Quilt up*

Turns 2045 Cor. + 121 Depth 2166 fms

Shot or lead 60 pounds

Bottom fm. gl. S. rd.

Bottom temperature 35.0

No. of thermometer 92446 Cor.

Corrected temperature

Air 44 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5 10 20	5 57.25	0		
11 35	56 15	100		
12 20	55 15	200		
13 10	54 15	300		
14 05	53 15	400		
15 00	52 15	500		
16 00	51 15	600		
16 55	50 20	700		
17 55	49 20	800		
18 50	48 20	900		
19 55	47 25	1000		
20 50	46 30	1100		
22 00	45 25	1200		
23 10	44 20	1300		
24 30	43 15	1400		
25 35	42 10	1500		
26 50	41 00	1600		
28 00	39 50	1700		
29 20	38 35	1800		
30 40	37 30	1900		
32 00	35 55	2000		
33 35	34 55	2045		
		2100		
		2200		
		2300		
		2400		

Petropaulski to Unalakleet

OK H.C. 21 About 90 m South of West End of Atter.		2500	CS. "T."	
		2600	54° 28' N	
		2700	172° 27' E	
		2800		
		2900		
		3000		
		3100		
		3200	3600	153
		3300	2045	32
		3400	1555	12.1
		3500		2045
		3600		2166
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hutchinson

Cat Log 24.8

Lipsett

No. 3784 Date 27 June 1902

Sigsbee Machine. #1 Reel. Built up

Turns 790 Cor. + 60 Depth 850 fms

Shot or Lead 60 lb

Bottom gy M gy S. fine

Bottom temperature 36

No. of thermometer 92446 Cor.

Corrected temperature

Air 42 Surface 45 Drift { East 1 mile

Trawl or dredge 8' Tanner, Weighted

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5: 03.30	20.40	0	5: 47 =	8. 13 20
04.20	19.25	100	51.30	09.30
05.05	18.20	200	55 =	04.45
05.50	17.15	300	59.10	8 00.30
06.40	16.15	400	6: 03 =	56.40
07.30	15.10	500	06.30	52.50
08.25	14.05	600	10.10	49.10
09.20	13.05	700	16.30	45.10
10.15	11.55	790	20.10	41.20
		800	23.40	37.40
		900	26.50	33.50
		1000	32.40	29.30
		1100	38.10	25.20
		1200	42.50	20.10
		1300	46 =	7-16 =
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Petropaulskii to Unalaska

61 20.2 7		2500	CS. "T"
		2600	54° 32' N
		2700	178° 31' E.
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	3600
		3800	790
		3900	2810
		4000	

153
 28
 60
 790
 850

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Report *Port Log. 54.7*

No. *4022 Hyd* Date *27 June 1900*
Cable Machine. *1* Reel. *Brill up*
 Turns *261* Cor. + *21* Depth *282 fms*
 Shot or lead *60 pounds.*
 Bottom *gy. M. fm. vol. S.*
 Bottom temperature *38°*
 No. of thermometer *92446* Cor.
 Corrected temperature
 Air *46* Surface *45* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.20.00</i>	<i>11.27.10</i>	0		
<i>.55</i>	<i>26.00</i>	100		
<i>21.40</i>	<i>24.50</i>	200		
<i>22.20</i>	<i>11.24.10</i>	<i>261</i>		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Petropaulski to Alaska - Bering Sea.

916 H.C. 57 2		2500	CS.	'T'.
		2600		
		2700	54° 31' N	
		2800	179° 21' E.	
		2900		
		3000		
		3100		
		3200		
		3300	3600	153
		3400	261	132
		3500	3339	21
		3600		261
		3700		282
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Butcher

Pat Log 64.9

No. *4023* *Hyd* Date *27 June 1900*

Machine. # *1* Reel. *Built up*

Turns *590* Cor. + *46* Depth *636 fms*

Shot or lead *35 lb.*

Bottom *gn. M. vol. S. wh. Sp.*

Bottom temperature *37°*

No. of thermometer *92446* Cor.

Corrected temperature

Air *44* Surface *45* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>pm</i> <i>12-55.15</i>	<i>* 09.50</i>	0		
<i>56.05</i>	<i>09.10</i>	100		
<i>57 =</i>	<i>08 =</i>	200		
<i>58 =</i>	<i>06.40</i>	300		
<i>59 =</i>	<i>05.40</i>	400		
<i>1- 00.10</i>	<i>04.30</i>	500		
<i>01.10</i>	<i>02.40</i>	570 <i>590</i>		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Petropaulski to Unalaska - Bering Sea.

OK
H.C.S.
n

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

C.S. # 9100.

54° 31' N
179° 30' E.

3600 153

590 107

3010 46

590

636

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

* Register 50 turns out.

Hutchinson Cat Log 74.8

No. 4024 Hys Date 27 June 1900

Sigsbee Machine. #1 Reel. Built Up

Turns 420 Cor. + 34 Depth 454 fms

Shot or lead 35 lb.

Bottom gn. M. fine. vol. S.

Bottom temperature 37.7°

No. of thermometer 92446 Cor.

Corrected temperature

Air 44 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2- 20.45	30.40	0		
21.35	29.35	100		
22.30	28.30	200		
23.40	27.25	300		
24.50	26.20	400		
25.10	26.10	420		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Petropavlovsk to Unalakleet - Bering Sea.

OK
H.E.D.
A

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

CS. * 9100.

54° 24' 20" N
179° 24' E.

3600 153
420 119
3180 34
420
454

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4025 Hyd Date 27 June 1900
 Sigbee Machine. #1 Reel. Built Up.
 Turns 496 Cor. + 40 Depth 536 fms
 Shot or lead 35 Lb.

Bottom gy. M. fine. vol. S.

Bottom temperature 37.2°

No. of thermometer 92446 Cor.

Corrected temperature

Air 45 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3- 44.45	56.10	0		
45.35	55.05	100		
46.30	54 =	200		
47.30	52.50	300		
48.30	51.40	400		
49.35	50.30	496 500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Petropaulski to Unalaska

CS. 29100.

OK
H.C.B.
→

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

54° 18' N
179° 14' E

9600	153
496	113
3104	40
	496
	536

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Sigsbee *P. L. 90.9*
 No. *4026* Date *27 June 1900*
Sigsbee Machine. #1 Reel. *Built up*
 Turns *835* Cor. + *62* Depth *897 fms*
 Shot or lead *35 pound*
 Bottom *no spec.*
 Bottom temperature
 No. of thermometer *none* Cor.
 Corrected temperature
 Air *44* Surface *45* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4. 42 00</i>	<i>5. 00 50</i>	0		
<i>42 50</i>	<i>59.40</i>	100		
<i>43 40</i>	<i>58.40</i>	200		
<i>44.30</i>	<i>57.20</i>	300		
<i>45.30</i>	<i>56.20</i>	400		
<i>46.35</i>	<i>55.30</i>	500		
<i>47.40</i>	<i>54.15</i>	600		
<i>48.50</i>	<i>53.10</i>	700		
<i>50.00</i>	<i>52.00</i>	800		
<i>4. 50 50</i>	<i>4. 51 30</i>	<i>835</i>		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Petropaulski to Unalaska

OK
H.C.B.
2

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

C8 * 9100 -

54° 14' N
179° 08' E

3600	153
835	91
2765	62
	835
	897

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *Lipsett* *P.L. 100.0*

No. *4027* Date *27 June 1900*
Angela Machine. #1 Reel. *Built up*

Turns *658* Cor. + *50* Depth *708 fms.*

Shot or lead *35 pound*

Bottom *gy. S.*

Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *46* Surface *45* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>6.00.30</i>	<i>6.15.05</i>	0	
<i>01.25</i>	<i>14.00</i>	100	
<i>02.10</i>	<i>13.00</i>	200	
<i>03.00</i>	<i>12.00</i>	300	
<i>04.05</i>	<i>11.00</i>	400	
<i>05.05</i>	<i>10.00</i>	500	
<i>06.15</i>	<i>08.50</i>	600	
<i>6.07.05</i>	<i>6.07.55</i>	<i>658</i>	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

Petrupaulski to Alaska

OK H.C.B. 2		2500	08	9100.
		2600		
		2700	54° 22'	N
		2800	179° 08'	E.
		2900		
		3000		
		3100		
		3200		
		3300	3600	153
		3400	658	103
		3500	2942	50
		3600		658
		3700		708
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lipsett
Hutchinson

P. L. 9.0

No. *37855* Date *27 June 1900*

Sigsbee Machine. #1 Reel. *Built up*

Turns *250* Cor. + *20* Depth *270 fms*

Shot or lead *35 pound*

Bottom *gy S. brk sh.*

Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *45* Surface *45* Drift *South 1 mile*

Trawl or dredge *8' Tanner Hughes*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.12.30</i>	<i>7.18.20</i>	0	<i>7.24.10</i>	<i>21.40</i>
<i>13.20</i>	<i>17.15</i>	100	<i>29.05</i>	<i>17.40</i>
<i>14.15</i>	<i>16.15</i>	200	<i>32.50</i>	<i>12.30</i>
<i>7.15.00</i>	<i>15.50</i>	<i>250</i>	<i>36.40</i>	<i>09. =</i>
		400	<i>40.25</i>	<i>05.20</i>
		500	<i>44.30</i>	<i>8-01.20</i>
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pitrapaulski to Unalaska

OK
3100
/3

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

C8 * 9100.

54° 31' N.
179° 08' E.

3600 153
250 133
3350 20
250
270

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800	150 miles North of the Ret Islands Group - Aleutian Chain.			
900				
1000				

REMARKS:

Many silicious sponges; very
large funnel-shaped.

Hutchinson Pat Log 19-

No. 4028 Date 27 June 1900

Sigsbee Machine. #1 Reel. Built Up

Turns 287 Cor. + 23 Depth 310 fms

Shot or lead 35 Lb

Bottom gy Vol S wh. Sp.

Bottom temperature

No. of thermometer } none Cor.

Corrected temperature

Air 44 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>9-27.10</u>	<u>35.10</u>	0		
<u>28.30</u>	<u>34-</u>	100		
<u>29.20</u>	<u>32.55</u>	200		
<u>30.10</u>	<u>9-31.30</u>	<u>287</u> 300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Petrupaulski to Unalakleet

OK HCT in		2500	CS 49 100.	
		2600		
		2700	54° 40'	N
		2800	179° 08'	E
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500	3650	153
		3600	287	130
		3700	3313	23
		3800		287
		3900		310
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

✓

No. 4029 Hys Date 27 June 1900

Sigsbee Machine. # / Reel. Built Up.

Turns 850 Cor. + 63 Depth 913 fms

Shot or lead 35 lb.

Bottom gy S + C.

Bottom temperature

No. of thermometer

Corrected temperature

} none Cor.

Air 44 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-28.10	49.05	0		
29.10	48.50	100		
30.10	47.45	200		
31.10	46.35	300		
32.15	45.30	400		
33.25	44.25	500		
34.40	43.20	600		
35.50	42.10	700		
37.10	40.50	800		
37.50	39 =	850		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Petropaulski to Unalaska

816
JCS.
4

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

CS 9100.

54° 47' 20" N
179° 08' E.

3600	153
850	90
2750	63
	850
	913

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lipsett O. L. 38.

No. 4030 Hyd. Date 27⁶ June 1900

Machine. #1 Reel. Built up

Turns 1195 Cor. + 84 Depth 1279 fms

Shot or lead 35 pound.

Bottom gy S. mud.

Bottom temperature

No. of thermometer none Cor.

Corrected temperature

Air 44 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.05.00	12.30.55	0		
06.05	29.50	100		
06.50	55	200		
07.40	28.10	300		
08.35	27.00	400		
09.30	26.00	500		
10.20	25.00	600		
11.20	23.50	700		
12.20	22.40	800		
13.20	21.40	900		
14.20	20.30	1000		
15.20	19.25	1100		
16.20	12.18.00	1195		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Petropaulski to Unalakleet

512
HCB.
2

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

CS 9100.

54° 47' 20" N
179° 25' E.

3600 153
1195 69
2405 84
1195
1279

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lipsett S. L. 58.—

No. 4031 H^d Date 27th June 1900

Machine #1 Reel. Built up

Turns 1992 Cor. + 119 Depth 2111 fms.

Shot or lead 60 pounds

Bottom

Bottom temperature h m h S.

No. of thermometer none Cor.

Corrected temperature

Air 43 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2.41.00	3.25.25	0		
42.00	24.15	100		
.50	23.20	200		
43.40	22.20	300		
44.35	21.20	400		
45.30	20.25	500		
46.20	19.25	600		
47.15	18.20	700		
48.10	17.15	800		
49.10	16.10	900		
50.10	15.00	1000		
51.10	13.50	1100		
52.10	12.35	1200		
53.15	11.20	1300		
54.20	10.10	1400		
55.30	08.50	1500		
56.35	07.30	1600		
57.45	06.15	1700		
58.55	04.55	1800		
3.00.05	03.30	1900		
01.20	3.02.10	1992		
		2000		
		2100		
		2200		
		2300		
		2400		

Petropaulski to Unalakleet

OK HOS 7	2500	CS. 9100.	
	2600		
	2700	54° 47' 20" N	
	2800	179° 54' E.	
	2900		
	3000		
	3100		
	3200	3600	153
	3300	1992	34
	3400	1608	119
	3500		1992
	3600		2111
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hutchinson

Cat Log. 2.1

No. 3786 Date 27th June 1900
 Machine. #1 Reel. Built Up.
 Turns 1987 Cor. + 119 Depth 2106 fms
 Shot or lead 60
 Bottom gy S. yf. M.
 Bottom temperature 35
 No. of thermometer 92446 Cor.
 Corrected temperature
 Air 43 Surface 46 Drift 2 miles
 Trawl or dredge 8' Tanner. Weighted

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8. 04.40	49.40	0	9. 04.30	1. 25.30
05.30	48.40	100	08.30	21.00
06.15	47.40	200	12.25	17.30
07.05	46.35	300	14.20	13.55
07.55	45.25	400	16 =	10.10
08.50	44.20	500	19.40	06.35
09.50	43.10	600	22.10	1. 03.10
10.50	42.05	700	24.40	59.25
11.50	41 =	800	27 =	55.20
12.50	39.55	900	29.20	51.10
13.50	38.45	1000	31.50	46.45
14.50	37.35	1100	34.40	42.00
16 =	36.25	1200	35.40	37.05
17 =	35.10	1300	38 =	32.40
18.10	34 =	1400	40.30	28.05
19.20	32.45	1500	43.05	24.10
20.25	31.30	1600	45.35	20.00
21.40	30.10	1700	48 =	15.30
22.50	28.55	1800	50.40	10.55
24 =	27.40	1900	52.50	06.50
25.20	26.30	1987 2000	55.10	12.02.50
		2100	57.50	58.20
		2200	10:00.55	53.35
		2300	03.45	48.55
		2400	07.10	43.25

Pitrapaulski to Unalaska

JL 200 2		2500	10 =	38.50
		2600	13.10	34.40
		2700	16.40	30.10
		2800	20.20	27.00 ^{27.00 7 min}
		2900	23.20	11.50
		3000	26.25	06.10
C.S. 29	100.	3100	31.30	11.00.40
54° 47' 20" N	178° 54' W.	3200		
		3300		
		3400		
		3500	3600	153
		3600	1987	34
		3700	1613	119
		3800		1987
		3900		2106
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300	New thermometer last			
400	100 turns of wire.			
500	Wire stretched 28 fms			
600	Net landed & towed upside			
700	down; let out very rapidly.			
800				
900				
1000				

REMARKS:

Many pennatulids, 1 fish, some very small stars, 1 shrimp, 1 naked crustacean, etc.

Butchinson

O.L. 68.

No. 4032 Hyd Date June 27 1900.
Sigsbee Machine. # 1 Reel. Built up
 Turns 1968 Cor. + 118 Depth 2086 fms
 Shot or lead 60 lb.
 Bottom vol. M.

Bottom temperature 35°
 No. of thermometer 92446 Cor.

Corrected temperature

Air 45 Surface 46 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<u>5. 04.10</u>	<u>47.15</u>	<u>0</u>		
<u>05.10</u>	<u>45.40</u>	<u>100</u>		
<u>05.55</u>	<u>44.35</u>	<u>200</u>		
<u>06.45</u>	<u>43.30</u>	<u>300</u>		
<u>07.35</u>	<u>42.30</u>	<u>400</u>		
<u>08.30</u>	<u>41.30</u>	<u>500</u>		
<u>09.25</u>	<u>40.30</u>	<u>600</u>		
<u>10.20</u>	<u>39.25</u>	<u>700</u>		
<u>11.20</u>	<u>38.20</u>	<u>800</u>		
<u>12.20</u>	<u>37.20</u>	<u>900</u>		
<u>13.20</u>	<u>36.15</u>	<u>1000</u>		
<u>14.25</u>	<u>35.10</u>	<u>1100</u>		
<u>15.25</u>	<u>34.10</u>	<u>1200</u>		
<u>16.30</u>	<u>33.05</u>	<u>1300</u>		
<u>17.35</u>	<u>32.05</u>	<u>1400</u>		
<u>18.40</u>	<u>31 =</u>	<u>1500</u>		
<u>19.50</u>	<u>30 =</u>	<u>1600</u>		
<u>20.55</u>	<u>28.50</u>	<u>1700</u>		
<u>22.10</u>	<u>27.40</u>	<u>1800</u>		
<u>23.20</u>	<u>26.25</u>	<u>1900</u>		
<u>24.10</u>	<u>25.20</u>	<u>1968</u> <u>2000</u>		
		<u>2100</u>		
		<u>2200</u>		
		<u>2300</u>		
		<u>2400</u>		

Petropaulski to Unalaska -

PK
H.C.S.
/n

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

C.S. "T"
54° 50' N
177° 11' W.

3600 153
1968 35
1632 118
1968
2086

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*No.**Date**Machine.**Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*No.**Date**Machine.**Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Date*
Machine. *Reel.*
Turns *Cor. +* *Depth*
Shot or lead
Bottom
Bottom temperature
No. of thermometer *Cor.*
Corrected temperature
Air *Surface* *Drift*
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*No.**Date**Machine.**Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*No.**Date**Machine.**Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*No.**Date**Machinc.**Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*No.**Date**Machine.**Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
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600				
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1000				

REMARKS:

No. *Date*
Machine. *Reel.*
Turns *Cor. +* *Depth*
Shot or lead
Bottom
Bottom temperature
No. of thermometer *Cor.*
Corrected temperature
Air *Surface* *Drift*
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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	3100	
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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REMARKS:

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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REMARKS:

*No.**Date**Machine.**Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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REMARKS:

No. *Date*
Machine. *Reel.*
Turns *Cor. +* *Depth*
Shot or lead
Bottom
Bottom temperature
No. of thermometer *Cor.*
Corrected temperature
Air *Surface* *Drift*
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
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		400		
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		700		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS:

<i>No.</i>	<i>Date</i>	
	<i>Machine.</i>	<i>Reel.</i>
<i>Turns</i>	<i>Cor. +</i>	<i>Depth</i>
<i>Shot or lead</i>		
<i>Bottom</i>		
<i>Bottom temperature</i>		
<i>No. of thermometer</i>		<i>Cor.</i>
<i>Corrected temperature</i>		
<i>Air</i>	<i>Surface</i>	<i>Drift</i>
<i>Trawl or dredge</i>		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS:

<i>No.</i>	<i>Date</i>
<i>Machine.</i>	<i>Reel.</i>
<i>Turns</i>	<i>Cor. +</i>
<i>Depth</i>	
<i>Shot or lead</i>	
<i>Bottom</i>	
<i>Bottom temperature</i>	
<i>No. of thermometer</i>	<i>Cor.</i>
<i>Corrected temperature</i>	
<i>Air</i>	<i>Surface</i>
<i>Drift</i>	
<i>Trawl or dredge</i>	

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS:

*No.**Date**Machine.**Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS:

*No.**Date**Machine. Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
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REMARKS:

*No.**Date**Machine.**Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
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SERIAL TEMPERATURES.

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REMARKS:

*No.**Date**Machine.**Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS:

*No.**Date**Machine. Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
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