

BEST COPY AVAILABLE

Locality Point Barrow, Alaska Date June 11, 1956

Personnel Hell, J. B., H. J. ... Weather ...

Water conditions ... Location H/PFL

Radiation level(s) ... RG

Operations: ... Box

... Oceanic Surveys

... 1956, Walton Ship & Reelings

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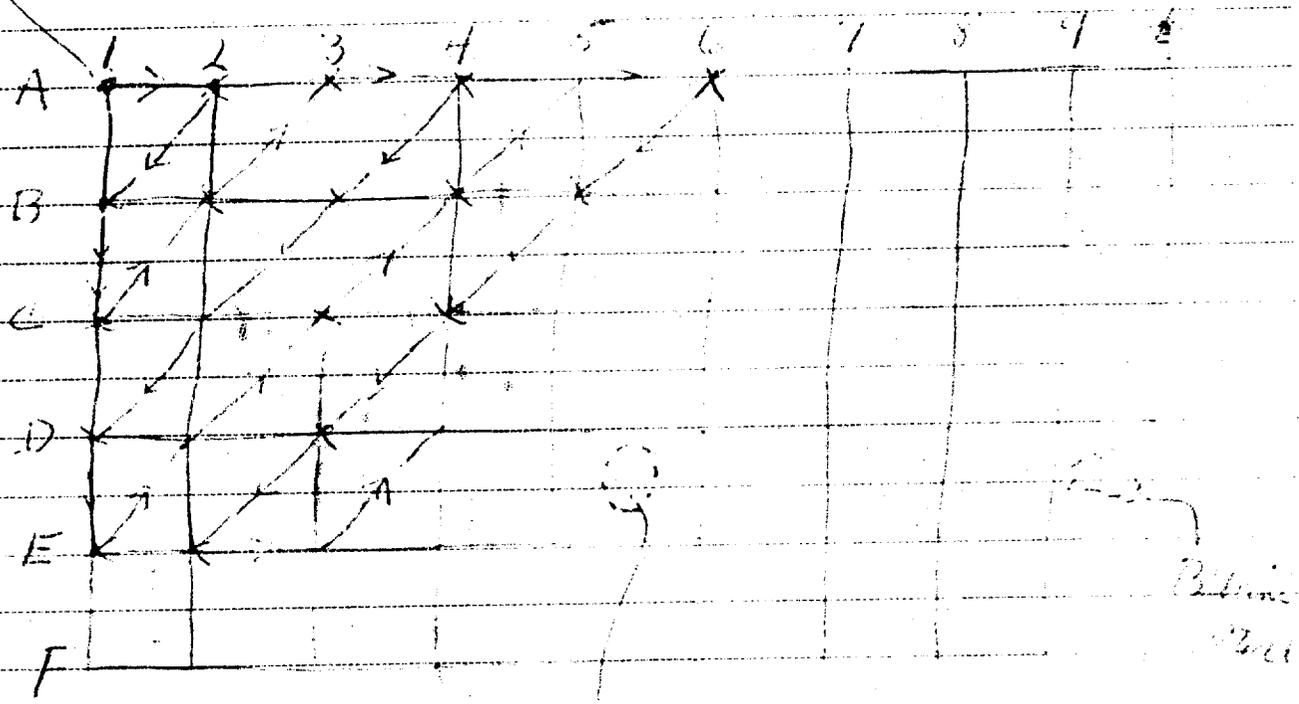
Locality Watten Date June 13, 1956
 Personnel Nims, Lawson, Olson Weather Fair
Seymour, Melander, & Donaldson Water conditions Moderate

Radiation level(s)

Operations:

Continued to run on the same predetermined
 with stations open every four (4) hours!

start method of monitoring stations.



X Stations completed June 12-13, 1956

Station	2 B	0210	15° 10' N	159° 38' E
"	3 A	0702	14° 00' N	160° 26.8' E
"	4 A	1020	13° 50.5' N	161° 00.5' E
"	3 B	1410	13° 15' N	160° 30' E
"	2 C	1825	12° 20.5' N	159° 42.5' E
"	1 D			

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Locality Matton Date June 14, 1956
 Personnel Hines, L. Swensen, Olson Weather Fair
Seymour, McLeander, Donnelly Water conditions moderate E. breeze

Radiation level(s)

Operations:

Continued to run on the planned course, with plankton, water temp, at stations and the continuous monitoring probe recording readings.

Station	1E	0210		
"	2D	0700	11° 39' N	159° 37.5' E
"	3C	1125	12° 27.8' N	160° 28.0' E
"	4B	1600	13° 14' N	161° 12.5' E
"	5A	2000	14° 01' N	161° 57.5' E
"	6A	2330	14° 00' N	162° 41' E

Work of counting progressing as rapidly as samples are dry so there is no lag in reporting daily averages to Dr. Boyd.

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RF-713

Locality Wilton Date June 15, 1952
 Personnel Hines, Olsen, Lammie, Weather Fair
Segner, Melander, Doolittle Water conditions Calm

Radiation level(s) _____

Operations:

Continued to monitor water and plankton with
 the probe in operation. At 8:00 am observed
 a school of three young salmon swimming near
 the surface. One was captured. The other two
 were released. The fish were 12-15 cm long.
 The water temperature was 50°F. The salinity
 was 23.40. The water was clear and calm.

Section	5 B	23 15	13 15	11 15	10 15
"	4 C	23 15	13 15	11 15	10 15
"	3 D	12 50	12 50	12 50	12 50
"	2 E	11 15	11 15	11 15	11 15
"	3 E	23 40	23 40	23 40	23 40
"	4 D	23 40	23 40	23 40	23 40

Change in operational schedule was made to
 make best use of the time available before returning to
 Port of Grays Harbor for fuel.

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Locality USS - Walton Date June 17
 Personnel Tanner, O'Leary Weather Showers
Nelanie Seymour, Michael Water conditions Rough

Radiation level(s)

Operations:

Continued to take stations in the standard manner, with plankton tow at 300 meters and water samples at the surface, 15, 30, and 100 meters.

Used 6 m. commercial long line to spend time in the area.

Station 6C 0050 12-29.7' N 162°-55.5' E

" 6B 0420 13°-28' N 162°-55' E

Set out 12 m. gill net and 12 m. net with 6 m. net for plankton haul.

Station 7B 0805 13°-17.5' N 163°-39' E

" 7A 1045 13°-59' N 163°-12' E

Used new 12 m net

Station 8A 1345 14°-00' N 161°-20'

Ordered to leave and run to 6E to clear area for experiment planned for tomorrow morning. Running at 22-23 knots in SSW direction to 6E.

Station 6F 1100 132°

6E-6F approx. beginning north

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Locality USS Malton Date June 18, 1956

Personnel Olson, Louisa, Seymour Weather moderate

Melander and Donaldson Water conditions moderate

Radiation level(s) _____

Operations:

Continued to the water plankton tow and to extend the sampling program toward the east.

7-E	0300	10° 54.5' N	163° 42.0' E
8-E	0621	10° 55'	164° 23'
9-E	0758	10° 55'	165° 15'
9-D	1345	11° 16'	165° 13'
9-C	1645	12° 28.5'	165° 16'
8-C	2000	11° 30.5'	164° 25'
8-D	2309	11° 45'	164° 23.1'

Station sampled west of 12 hr. Station here had radiation & current in station 1 position

Note: wind shifts during the night. In afternoon were reported north of the area in which we worked.

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