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APPLIED FISHERIES LABORATORY
SEATTLE, WASHINGTON

410956

Locality Puget Sound Date June 1, 1956

Personnel H. E. L., C. L. S., H. J. R.
R. E. Peterson, R. E. Kistler, G. E. Reed

Weather RG

Water conditions

Location HFPL
Box 1

Radiation level(s) 1.0 mR/hr

Operations: Oceanic Surveys
1956, Whidbey Strait Redwing

Spent the morning cleaning and preparing equipment
on board DE Whidbey.

Left boat at 1 p.m. and went to the center of the Whidbey Island Laboratory station and had dinner there. Supper was excellent. Weather, clear
and cool. The boat is a 19' cabin cruiser maintained at
1951. The crew of 11 consisting of 2 officers and 9 men
the boat has been here since 1951.

Spent the afternoon working on the boat and
on the ship. The ship is a 1951 built vessel
after officers' quarters, engine room, deck etc.
etc.

Spent the night in the ship and on the boat with
the ship's first mate and his wife. The first mate is
a fisherman and has been fishing all day. He
is from the village of Ilwaco, Washington. He
and his wife live in Seattle. They have two
children. His wife is pregnant.

L. E. T. R. E. Peterson, R. E. Kistler, G. E. Reed

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Locality _____ Date June 11 (cont'd)

Personnel _____ Weather _____

Water conditions _____

Radiation level(s) _____

Operations:

Welding P.C. Hammer - Supply fittings
" M.L. Lind - Communications
C.W. S.P. King - I. R.
K.T. G. " Chassis

After finishing the work at Bremerton Mr.
Walters goes off on a road eastward from Bremerton
to Seattle, etc.

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Locality West. Brookton 121.1 Date June 12,

Personnel Nine, Location, Clean Weather Fair

Water conditions made available

Radiation level(s) _____

Operations: (C816 - Production)

Arrived at Caguana at 1000, found her
at surface as the ship drafted over the rock
bottom reported station with 2 meters. Went to top
top not out of the water. Weather was calm but we
would not be headed to shore about 1000 feet and
one wave. Took water samples at surface
in 500 m. when passing the mouth out of
range and will deposit upon the bottom
forward by the ship.

Ad 14:3. Sonder nicht für die Schule

and with the number of tables and chairs
available it is necessary to book tables in
advance.

1812-13 - Wm. C. Ladd - 1812-13

Station 2 A positive 135' + 1' below is specified.

Station 1B 1735 Position 13° 16' N 157° 52.5' E

10 3120 12:21.5 N 128°37' E

For which one out of 13 members will be

standard with 3rd milion of 1960 at the end of the

After the 15th of May, 1870, the
Government of France.

Walter Thompson, Jr., Esq., of Boston, Mass., and Mr.
T. W. D. Brown, Esq.

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Locality Watson Date June 13, 1956

Personnel Norris, Lawrence, Olson Weather Fair

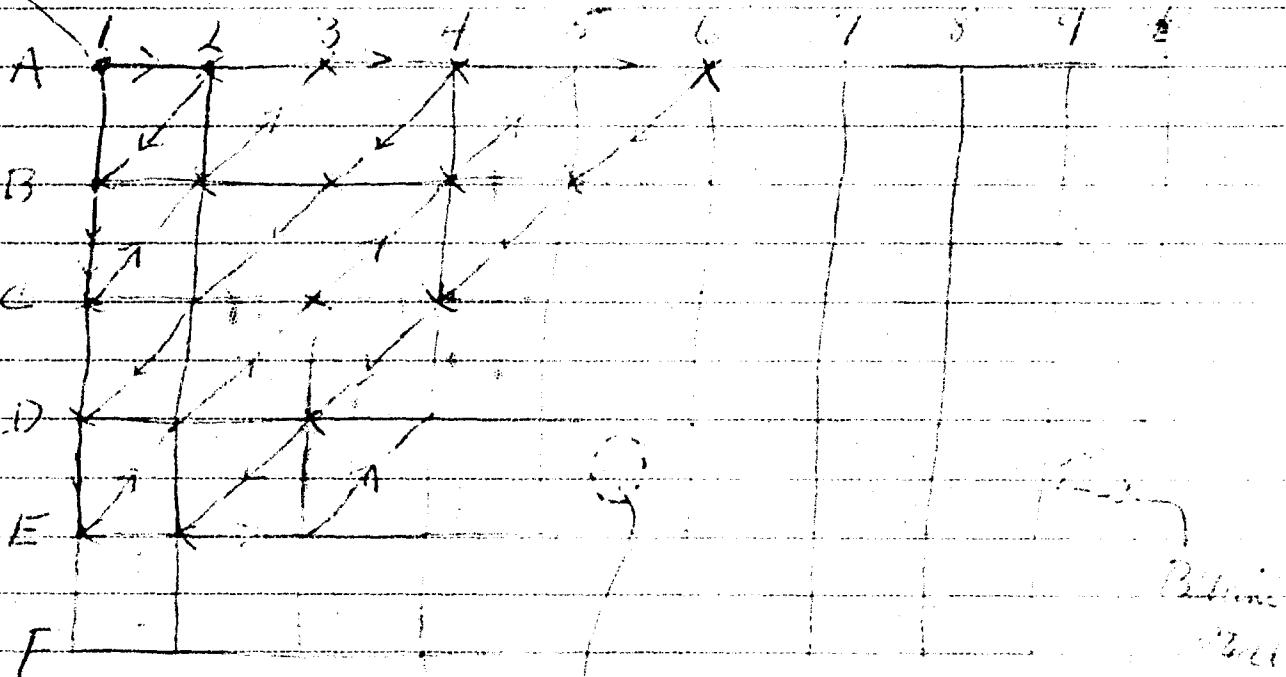
Seymour, Melander, & Donald Water conditions Moderate

Radiation level(s)

Operations:

Continued to move in the same general trend
with stations about every few (12) hours!

start method of maintaining station



X Stations completed June 13-16 UNIV

Station 23 0410 13°16'N 156°36'E
" 3A 0701 13°16'N 160°26.8'E.
" 4A 1020 13°50.8'N 161°03.5'E
" 3B 1410 13°15'N 160°36'E
" 2C 1825 13°20.5'N 159°40.5'E
" 1D

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Locality Malton Date June 14, 1956
Personnel Hines, Lourenco, Olson Weather Fair
Syphax, McCloud, Donellen Water conditions Medium to calm

Radiation level(s)

Operations:

Continued to run on the planned course, with plankton water tows, at stations and the intermediate monitoring points recording sediments.

Station 1E 0210

" 2D 0700 $11^{\circ} 39' N$ $159^{\circ} 31.5' E$
" 3C 1125 $12^{\circ} 27.8' N$ $160^{\circ} 28.0' E$
" 4B 1600 $13^{\circ} 14' N$ $161^{\circ} 12.5' E$
" 5A 2000 $14^{\circ} 01' N$ $161^{\circ} 22.5' E$
" 6A 2330 $14^{\circ} 00' N$ $162^{\circ} 41' E$

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

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113

Locality

Walton

Date

June 15, 1952

Personnel

Hines, Olson, Lummus, Weather

Fair

Seymour, Wilander, Donelson

Water conditions

Calm

Radiation level(s)

Operations:

Continued to monitor water and filter water used
 on Babee in operation. At 9:00 AM started to fish down the river
 a school of three salmon was taken. The water conditions were
 clear and the water temperature high. The water
 in the Willapa Bay was expected to be 68°. It was measured to be 65°.
 It will be necessary to attempt to catch a lot of fish in order
 to get enough for scientific purposes.

Scum 5-13 12.50 12.50 12.50 12.50

" 4 C 12.50 12.50 12.50 12.50

" 3 D 12.50 12.50 12.50 12.50

" 2 E 16.15 16.15 16.15 16.15

" 3 E 16.35 A 16.35 A 16.35 A 16.35 A

" 10 23.40 23.40 23.40 23.40

Change in specified condition was made

make best use of the time available if we are to have a
 lot of trout for fuel.

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Locality USS Walton DE 361 Date June 16, 1956

Personnel Hines Olson, Townsend Weather Fair
Lynnair, Wilenky & Dredge Water conditions smooth

Radiation level(s)

Operations:

Continued to survey stations west and south of Eniwetok Atoll prior to picking up fuel, mail and supplies.

Station N.E. 0250 $11^{\circ} 30' N$ $162^{\circ} 15' E$
" S.E. 0605 $11^{\circ} 32' N$ $162^{\circ} 30' E$

At 0800 off deck entrance awaiting assignment - ported until 1030. Arrived at 1100.
At 1130 went by Bell and the 1st. made photographic record and recording a short
while later and 1215 took a
coffee. The ship had been assigned
from N.E. to S.E. with the result that
these stations have been taken, probably because
of the much more difficult
southeast, more turbulent weather than
gratious.

Conference with administration, right
members, etc. followed after the above
program and 1115 made first observation.

Retumed to the ship and proceeded west
1615 for station S.E. D

Station S.E. D $18^{\circ} 15'$ $11^{\circ} - 45.5' N$ $162^{\circ} - 29' E$
" S.E. 2145 $12^{\circ} - 29.5' N$ $162^{\circ} - 30' E$

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Locality U.S.S. - Walton Date June 17
Personnel Tanner, Glau Weather Showers
Westerly Seawave, Wind Water conditions Rough

Radiation level(s)

Operations:

Continued to take stations in the standard manner with plankton net at sea bottom and water samples at the surface, mid water and top water.

Used 1 m. diameter ring dredge at each station to remove bottom samples.

Station 6C 0050 12° 24' 7" N 162° 55.5' E
" 6B 0420 13° 28' N 162° 35' E
Set net in catch trap at 12' depth
with 2" net for dredge haul.

Station 7A 0805 13° 17.5' N 163° 39' E.
" 7D 1045 13° 59' N 163° 42' E.
Used more 12" net.

Station 8A 1345 14° 00' N 161° 20' E
Ordered to dive and run to C.E.T.
clear area for equipment removal
for tomorrow's exercises. Running at 22-23
knots in SSW direction 66E.

Station 6C 0050 11' N 162° 55' E
" 6B 0420 13° 28' N 162° 35' E
Used 12" net for dredging bottom.

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Locality USS Walton Date June 18, 1956
Personnel Olson, Larson, Symer Weather moderate
Walter and Orvalton Water conditions moderate.

Radiation level(s)

Operations:

Continued to the water plant to town and to extend the sampling for organic load the entire

7-E 0300 10° 54.8' N 163° 42.0' E

8-E 0621 10° 55' 163° 41' 23'

9-E 0738 10° 55' 163° 41' 55'

9-D 1345 11° 16' 163° 41' 55'

9-C 1645 12° 24.8' 163° 41' 16'

8-C 2000 12° 30.5' 163° 41' 25'

8-D 2304 11° 49' 163° 41' 35'

Bottom sample about 12 km off the shore most organic material in water and plankton

Water is moderately turbid throughout the night no currents reported. Weather the same as last we worked

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