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Walton

1956

UNIVERSITY OF WASHINGTON
APPLIED FISHERIES LABORATORY
SEATTLE, WASHINGTON

Locality Parry & Walton — Date June 11, 1956

Personnel Held, Olson, Hines, Seymour, Lowman, Welander, Donaldson — Weather Fair

Water conditions Very good

Radiation level(s)

Operations:

Spent entire morning loading and installing equipment on board D.E. Walton (36).

Ship took on fuel and sailed at 5:05 p.m. Six members of the Applied Fisheries Laboratory staff were Hines, Seymour, Seymour on one watch, Welander, Olson and Donaldson the 0-12 watch. Held remained at EMBL the back the Laboratory operation and to make the trip to Friday June 15.

On board the Walton laboratories were set up in the after officers quarters for radiation counting in the passageway between the laundry & after officers quarters and area was built upon which to do water chemistry.

The winch was located on the port side of the ship with a working area mounted over the side just forward of the port side sea. The cable from the winch was passed over to the side of the ship through a meter block to clear the side of the ship by about 3'

Officers on the Walton:-

Cmdr. R.F. Simmons, captain
LT J.R. Thorndyke - Executive officer
LTJG R.E. Peterson - Operations
LTJG R.E. Kistler - Training
LTJG N.L. Burke - Engineering

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Locality N end of Eniwetok Atoll — Date June 12, 1956

Personnel Nimes, Lowman, Olson, McLeroy, Seymour, Donaldson — Weather Fair — Water conditions moderate

Radiation level(s)

Operations:

Arrived at Station A-1 (0816 - position 14°03.2 N 158°55.
at 0800, first tow at surface as the ship drifted over the cable. 09.00 Repeated station with 2 nets. Lost 2' of top net cut off by cable. Motor ran hot in wind so decided to use slowest speed and one net. Took water samples at surface 25, 50, 100 meters. Reversing thermometer out of range so will depend upon BT reading furnished by the ship.

At 1000 am. running east from station 1-A to station 2-A. On station 2-A 1300, Took standard plankton tow with one (1) net with 300 meters of cable out. Water samples at surface, 50 and 100 meters. Other water bottles needed repairs.

1340 underway headed S.W. to station 1-B

Station 2 A position 1335 14°00'N 159°41'E
Station 1 B 1735 position 13°14'N 158°56.5'E
" 1 C 2120 " 13°27.5'N 158°54'E.

Tow with one net "12 mesh now to be standard with 300 meters of cable out for each tow. Water samples to be at surface, 25m, 50m, 75 and 100 meters.

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Locality Watton — Date June 13, 1956

Personnel Nims, Lemmons, Olson, Seymour, Wilander, & Donaldson — Weather Fair

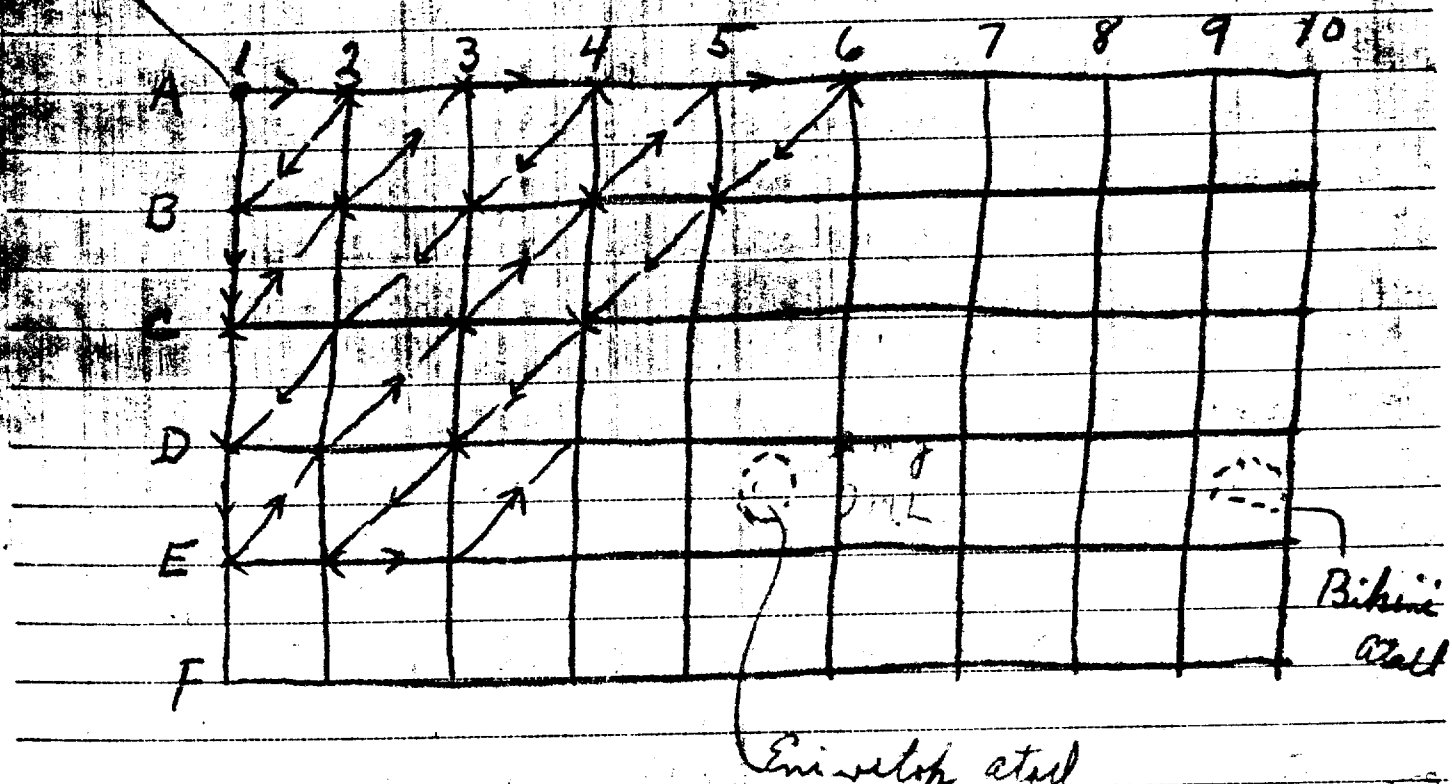
Water conditions moderate

Radiation level(s)

Operations:

Continued to run with coarse predetermined with stations spaced every four (4) hours.

start method of numbering stations.



X Stations completed June 12-16

Station	2 B	0210	13°-16'N	159°-38'E
"	3 A	0700	14°06'N	160°26.8'E.
"	4 A	1020	13°-58.5N	161° 15.8E
"	3 B	1410	13°15' N	160° 36' E
"	2 C	1825	12°28.5N	159°40.5E
"	1 D	2310	11° 42.7 N	159° 52 E

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Locality Walton — Date June 14, 1956

Personnel Nims, Lowman, Olson, Seymour, Nielander, Donaldson — Weather Fair

Water conditions moderate & calm

Radiation level(s)

Operations:

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

Station				
"	1E	0230	11° 00.0' N	158° 57.5' E
"	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° 51' E

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

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Locality Walton Date June 15, 1956

Personnel Hines, Olson, Lowman, Weather Fair
Seymour, Wilander, Donaldson Water conditions Calm.

Radiation level(s)

Operations:

Continued to run XBT and plankton nets. Probe in operation.

At 8:00 a.m. while at station 4 C aboard a school of tuna fishing with a few birds over. Orders were received by the ship to go at full speed to Ponape Harbor at 0800 16 June as it was necessary to interrupt our schedule of operations with a visit to port for fuel.

Station	5 B	0340	13° 15' N	162° 04' E
"	4 C	0805	12° 29.5' N	161° 16' E
"	3 D	1230		
"	2 E	1615	11° 00' N	159° 52.5' E
"	3 E	[illegible]	11-01.5 N	160-35 E
"	4 D	2335		

Change in operational schedule was made to make best use of the time available before running into port of Ponape for fuel.

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Locality USS Walton DE 361 Date June 16, 1956

Personnel Hines Olsen, Lowman Weather Fair

Seymour, Wilenius + Donaldson 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 HE 0250
" 5E 0605

at 0800 off Delp Entered awaiting experiment postponed until 1320. Arrived at fuel dock at 0930. Met by E. Bill and Geo Bernier who photographed personnel and laboratory installations. Mail picked up in LCVP for inspection and supplies. Two enton tubes received obtained from N.Y.O. for use in the counters to replace those we have lost - possibly from radiation. Had lunch with Adm Hornaday Adm. Southland, Wm. Cromwell etc at the Admin quarters.

Conference with Adm Wesling, Capt Munson, Lt Cdr Forrand, etc re operations program and test series fall out spectrum. Returned to the ship and underway at 1615 for station 5-D

Station	5-D	1845	11° - 45.5' N	162° - 09' E
"	5-C	2145	12° - 29.5' N	162° - 20' E

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Locality: USS Walton Date: June 17
Personnel: Lowman, Olson Weather: Showers
Nelander, Seymour, Donaldson 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, 25, 50, 75 and 100 meters.

Neal Hines ... to spend some time on other parts of ... program.

Station 6C 0050 12-29.7 N 162°-55.5' E
6B 0420 13°-28' N 162°-55' E
Cut net on cable? and replaced 12" net with 6" net for plankton haul.

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

Station 8A 1345 14°00' N 164-28 E
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 6E 2356 11°00" 162° 54"
From station 6-E the ship continued east to 9-E before turning north.

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Locality USS Walton Date June 18, 1956

Personnel Olson, Leonard, Seymour, Weather moderate
Wendle and Donaldson Water conditions moderate.

Radiation level(s)

Operations:

Continued to tow water, plankton tows and to
[illegible] the sampling program toward the east.

7-E	0300	10° 59.5' N	163°-42.0' E
8-E	0621	10° 56'	164°-23'
9-E	0958	10° 58'	165°-15'
9-D	1345	11° 46'	165°-13'
9-C	1645	12° 29.5'	165°-16'
8-C	2000	12° 30.5'	164°-25'
8-D	2309	11° 45'	164°-28.1'

Stations sampled west of Bikini Atoll th
have most radiation encountered in water and plankton

Water became rougher during the night. Major
storms were reported south of the area in which we
worked.

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Locality U.S.S. Walton Date June 19, 1956

Personnel Olson, Lowman, Seymour, Weather moderate
Wilson & Donaldson Water conditions moderate to rough.

Radiation level(s)

Operations:

Ship proceeding on a zig-zag course to reach fishing stations as possible after it was found necessary to abandon our original program of operations on 17.

7-B	0326	12° 32.5' N	163°-41.5' E
8-B	0800	13° 16.8'	164°-28.1'
9-B	1045	13° 15'	165°-14'
A-9	1343	13° 5-8'	165°-15'
B-10	1740	12° 15.5'	165°-56.5'
10-C	2055	12° 25.5	165°-59'

Word was received that experiments planned for Bikini had been postponed - so we were allowed to continue with this sampling program.

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Locality USS Wilkes — Date June 20, 1956

Personnel Olson, Lowman, Seymour, Weather moderate

Nelander, Donaldson — Water conditions Long swells

Radiation level(s)

Operations:

Stations along the east, south, and to the west of Bikini atoll were sampled during the ship's cruise.

10-D	0011	11°-43' N	165°-57.5' E
10-E	0323	11°-04'	165°-55'
10-F	0624	10°-19'	165°-53.2'
9-F	0923	10°-14.5'	165°-12'
8-F	1224	10°-17'	164°-30'
7-F	15-45	10°-15.5'	163°-41'
7-D	2203	11°-47.	163°-48'

Long swells made it somewhat of a problem to stay in one track - especially while the ship was on station and subject to the maximum roll.

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Locality: U.S.S. Walton & Parry Island   Date: June 21, 1956

Personnel: Olson, Lowman, Seymour, Nelander & Donaldson; King & Hill came aboard to help unload.   Weather: Fair

Water conditions: Fair

Radiation level(s):

Operations:

Continued on to the west to the last station and then into the lagoon at Eniwetok.

6-D 0219 11° 47' N 162° -59.5' E.

Arrived at the anchorage at Eniwetok at 30. With the aid of the ships crew and Hill King, unloading progressed rapidly. A LCM boat picked up our equipment at 1:15 P.M. and transported us to shore. Gear was placed on the porch at E.M.B.L. for sorting before repacking for the Sept trip. Counters were placed in the temperature controlled counting room.

N.Y.O. began to move out of part of the laboratory space to make room for the seven of us and our equipment.