

7330-243-8008
FEDERAL BUREAU OF INVESTIGATION

Memorandum

FUEL
P-7114 a
TA-24
Change to
7212 A-

HIGH SEAS - ON WAY 11p.

King Crab - 2000000000

at. 50 fathoms.

add 30 fathom cables for
Ball spread.

ACS Account No.
73620

PLEASE MAIL THIS BOOK TO:

HENRY M. SAKUDA % M.V. TORSENSKJOLD.
U.S. FISH + WILDLIFE SERV.
2725 MONTLAKE BLVD.
SEATTLE, WASHINGTON.

1959

BOXES FOR SANDPOINT, W/ NAILS.

LEAVE W/ FRED COULSEN AT ALUTIAN
COW STORAGE.

ALL BOXES EXCEPT 30. TO BE LEFT ON
W/ NAILS.

THE TORDENSKJOLD.

ALSO 66 SAND BEY

ALSO 33 UNALASKA.

TRANSMIT ON 2312

RECEIVED ON 2134

PIONEER HAS 2100 SCHEDULE W/ ADAK.

1976

Buy - pie plates.

Gas -

Cotton gloves -

Socks.

Ecology -

Station -

entire bottom fauna

(At Station w/O+N & mixed - take)

Stomach of ♀ - 1st. Ps.

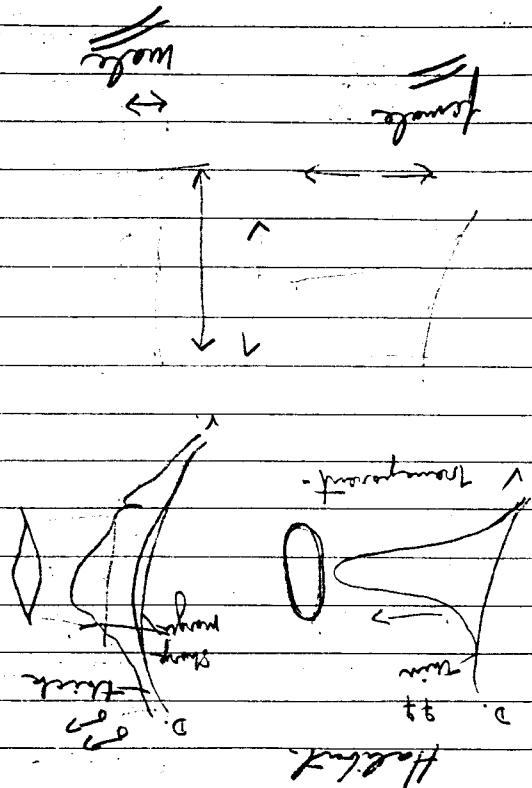
w/ bottom fauna w/ Dredge sample.

Dredge sample w/ bottom fauna
at no wash station.

Pipe sample - every tow - take
sample + freeze.

E-W Distribution to sig. w/
Bottom, stomach, Dredge.

als



April 16, 1959.

Depart Fisherman's dock at
2:20 PM.

Then lock -

April - 17.

Running to Ketchikan -
Talked to Ted this AM.

April - 18.

Running to Ketchikan -

April 19.

Running to Ketchikan
Arrived Ketchikan at
11:00 AM.

Fueled up. Used purchase
order 20653 - for 878 gals
diesel oil.

Bought Brass snags and
rings from Nordby Supply.
Paid \$ 3.70 cash.
Depart Ketchikan at
1500.

April 20-

Running to Sand Point.
Out of Cape Smyth at
0400.

Weather calm.
Talked to Hiyon this AM.
also to the Shelikof -
talked to Tak this AM.
also to Hiyon - made
schedule for 0900.

April 21.

Running to Sand Point.

April 22.

Running to Sand Point.

April 23.

Running to Sand Point.

April 24.

Arrived Sand Point 0200.

Unloaded box shooks at
Warehouse on Spit.

Depart for Unalakleet - 1200.

In at King Cove at 2300.

Too rough outside -

April 25.

Depart King Cove at 1400

Rough outside.

Anchored at Univak light at

2030.

April 26.

Up anchor at 0545

Remaining to Chumuk Pass

Ice all over the boat.

Anchored at Akutan Village

at 1815.

Too rough to run for
Unalaska.

April 27.

Anchored at Akutan

Tug "Hercules" went out

this AM. and came
back.

Still blowing outside.

Talked to Hyman - relayed
his wire from Fairbanks.

Said he got 15 nets, in on
the way into Unalaska

April 28.

Very light this morning

All winds down to 25

knobs.

Up anchor at 0830.

Heading to Unalaska.

Wire to be sent to Seattle.

To:

Take Mingalara, FWS.

Arrived Unalaska.

Charter satisfactorily

Completed to 28 April.

Overtime for Sakuda and

Hebard 16 hours.

Pioneer ETA UNALASKA

Tomorrow.

Arrived at Unalaska

April 29.

Unloaded rest of Oceanographic equipment.

Preparing our tent rest of the day.

Received wire from Tak.

Also received a plastic 75" flat from Tak.

Our ACS account No. is 73620.

Pioneer arrived at 2330. came alongside.

April 30.

Fueled at Dutch.

Paid w/ PO. No. CFA-00654

Measured cast crab shells from Adutan - were 192.

May 1.

Finally completed preparation to begin King Crab operations.

Left aboard home keys with Hagmy.

Depart Uvalaska at

Running out to practice new net in Uvalaska Bay.

Running to station 2-5

May 2

Arrived at station at

24:50

Anchored till morning.

Up anchor 0610

Z-5. Set - 0745

Meter - 7

start end

new - 009720

old - 260823

Time = 0700

#1 - L = 385 - 3° 30' 50"

R = 319 - 3° 07' 31"

table angle = 14° - 14' 3"

#2 - Time 0725

L = 383 - 3° 17' 50"

R = 351 - 3° 25' 40"

#3 - Time 0845

L = 385 - 3° 29' 0"

R = 382 - 3° 34' 30"

table angle = 14° 2" - 14° 4"

Pick up - 0845

144 Tagged ♂♂

18 non tagged ♂♂

6 ♀♀.

8 small halibut on-

Tag - C6900

1 large halibut w/ otolith.

Put 10 males in live box

5 tagged, 5 untagged.

Station - A-5.

Bell spread -

Time - 1120

1 = L - 531 - 1° 53' 10"

R - 530 - 2° 01' 00"

Cable = 14' 1/2" - 14' 2"

2 = L - Did not take

R -

3 = L - 540 - 2° 03' 20"

R - 533 - 2° 04' 40"

Cable = 14' 1 1/2" - 14' 2 1/2"

Tagged 47 0700

untagged 16 0707; 12 89

Habitat counted 17 and used

sample in bag C-6906

there was sea net counted

55001, 164038

Station A-6 at 1600

Bell spread

Time - 1615 hrs

1 = L - 345 - 5° 03' 50"

R - 342 - 5° 04' 50"

Cable = 14' 1/2" - 14' 5 1/2"

2 = L - 338 - 4° 43' 20"

R - 350 - 4° 20' 20"

Cable = 14' 1/2" - 14' 4"

Tagged 6 0900

counted 3 99.

Small halibut in bag.

Tagged one 7 C-6907.

Anchored at station B-6 at

2000 hrs.

May 3, 1959

Station B-6

#1 L-660

R- Too Rough

Cable = 14' 1" - 14' 3/2"

Tagged 16 0707

measured 5 ♀♀

Measured 106 small habitats.

Took 1 otolith sample.

Station C-6

no bell readings - too

far back & rough - 54 feet

Cable = 14' 0" - 14' 3/2"

Tagged 20 0707

measured 3 ♀♀

Measured 65 small

collected for Tiller Worm

made suitable for 1200 tons

now

Kawassaki is on the blue

Worm.

Station C-7

After the two previous stations, did not set bells too dark, rough and far back to sight.

Cable = 14' 0" - 14' 3/2"

Tagged 40 0707

counted 14 ♀♀

2 ♂♂ dead

Sent wire to Tokyo through
Hajima at Unalaska.

At Station B-7.

Kawasaki on Tokai Maru.
Hazard and Sakuda
overline. 16 hours

May 4, 1959

Station B-7.

1: L = 346 - 4° 47' 0"

R = 397 - 4° 44' 0"

Cable = 14' 1 1/2" = 14' 4"

2: L = 347 - 4° 49' 20"

R = 346 - 4° 50' 20"

Cable = 14' 1/2" = 14' 4 1/2"

Tagged 12 ♀♀

measured 3 dead ♂♂

measured 4 live ♀♀

Sample pack of small halibut

by No. C-6908.

Measured and sand blotted
from one halibut 85.5 cm
♀.

Station B-8.

1: L = 293 4° 56' 50"

R = 293 4° 50' 40"

Cable = 14' 2 1/2" = 14' 7 1/2"

No King Crab.

caught 9 very small halibuts

Station C-8

Too rough no better used.

Tagged 40 ♂♂

measured 48 ♀♀

May 5, 1959.

Station C-9

L-284 24°55'

R-285 - 5°00'20"

Cable: 14' 1/2" - 14' 5"

Tagged 15 ♂♂
one measured.
measured 14 ♀♀

Station D-9

L-356 3°27'50"

R-360 4°57'00"

Cable: 14' 1/2" - 14' 3/2"

Tagged 132 ♂♂

10 others measured

666 ♀♀ measured.

Station D-10

L-317 5°13'00"

R-308 4°53'50"

Cable: 14' 1" - 14' 6"

Tagged 18 ♂♂

one measured

22 ♀♀ measured.

May 6, 1959.

Removed crabs from live tank
all five tagged on May 2
still alive.

1 of the 5 controls Yout
Tag was dead.

Station E-10.

Dist.

L-320 - $4^{\circ} 49' 50''$

R-322 - $4^{\circ} 46' 50''$

Cable $14' \frac{1}{2}'' - 14' 4''$

52 ♂♂ Tagged.

2 dead ♂♂

5 ♀ measured.

measured to top

On Station E-10.

Programme Over Time

Richard and Herbert

8 hours for May 2 and

8 hours for May 3.

Station E-9

Dist. Sample

L-354 $4^{\circ} 39' 0''$

R-346 $4^{\circ} 45' 30''$

Cable = $14' 1'' - 14' 5 \frac{1}{2}''$

Tagged 92 ♂♂

4 ♂♂ dead

measured 148 ♀♀

Station E-8.

L-358 - $4^{\circ} 24' 10''$

R-348 - $4^{\circ} 33' 50''$

Cable: $14' \frac{1}{4}'' - 14' 4''$

Tagged 266 ♂♂

Weather bad, too rough
Running into the beach
for cover.

~~~~~  
May 7, 1959

Anchored along the  
beach about 0300.  
Running along beach for  
cover.  
Anchored along the beach  
for rest of day.  
Still rough.

May 8, 1959.

Wind lulled on me.  
Up anchored and heading  
for Port Moller.  
at Port Moller about 1330.  
Too rough outside.

May 9, 1959.

at Port Moller.  
Still blowing out side.  
Worked on gear

May 10, 1959

Winds: light breeze.

Left Port Moller at 0910.

Prepared a revised station

Pattern route chart

w/ Frank.

Running to station E-12.

Station E-12:

L. 291 4° 55' 30"

R. 293 4° 54' 30"

calls - 14' 2" - 14' 8 1/2"

Tagged = 15 000

measured = 16 small 000

26 000 000

Station E-11

L. 332 - 4° 59' 17"

R. 330 - 4° 58' 05"

calls - 17' 4" - 19' 4 1/2"

Tagged = 119 000

measured = 3000

measured 391 000

Talked to Kawasaki. They  
missed 2 days of fishing  
during the last storm.  
They have recovered 41 of  
our tags to date.

He requested, we leave a  
long tail on the tags  
when released.

Tag tails will not be cut from

May 11, 1957

Station F-11

L. 360 - 4° 30' 50"

R. 360 - 4° 25' 50"

cable. 14' 1" - 14' 3/2"

Tagged ♂♂ = 48

measured ♂♂ = 2

measured ♀♀ = 21

no halibut this tow.

Sent Wire to Tak. MIYAHARA  
U.S. FWS, 2725 MONTLAKS BLVD.  
SEATTLE, WASH.

at station F-12

over time for Hebard and  
Sabido 16 hours for  
May 9 and 10

Very soft skinned mals in this  
station. measured and put in  
live tank.

8:45 = 11:45 = 12:26

3 samples in live tank.

Station F-12

321 - 5° 05' 53"

R. 325 - 5° 06' 20"

cable. 14' 1" - 14' 5 1/2"

Tagged ♂♂ = 28

measured ♂♂ = 0

measured ♀♀ = 24

only one halibut in this tow.  
Put some old ♀♀ in live box.

Station G-12

L. 325 - 5° 02' 40"

R. 324 - 4° 50' 40"

cable. 14' 1" - 14' 7 1/2"



South station

Took additional drag for  
one hour on 6-12 to  
get enough ♀♀ of both  
old and new shells.

2 halibut caught & released.  
19.5 cm., 18.5 cm

6-12 #1

Tagged 51 ♂♂

9 for stomach sample.

6-12 #2

measured 70 ♂♂

Counted 102 ♀♀ plus

some for stomachs.

47

103

148 ♀♀

May 12, 1959

Station 6-11

L 326 - 5° 20' 50"

R 320 - 5° 20' 50"

Cable - 14' 1" - 14' 5 1/2"

Tagged 154 ♂♂

measured 7 ♂♂

measured 62 ♀♀

1 small halibut - 23.0 cm.

measured & released.

Station H-11

L 290.5 - 5° 47' 50"

R 287 - 5° 49' 00"

Cable 14' 1" - 14' 7"

No crabs tagged.

measured 6 ♂♂

1 ♀♀

Station H-10

L 283 - 5° 08' 30"

R 279.5 - 5° 04' 10"

Cable - 14' 1" - 14' 7"

No crabs tagged

measured ♂♂ = 2

" ♀♀ = 4

Very small tow.

about 40-50 lbs of

herring and smelt in  
this tow.

May 13, 1959

Station 6-10

L 312 - 4° 52' 40"

R 310 - 5° 04' 20"

Cable = 14' 1" - 14' 6"

Tagged ♂♂ = 27

measured ♂♂ = 1

measured ♀♀ = 11

Wire to Tak. (Sent)

Tordenskjold charter satisfactorily  
completed to May 13  
at station H-10.

Station F-10.

L. No Balls. 700 rough  
R. ~~balls~~ snowing heavy  
cable.

Tagged 149 070  
measured 9 070 dead  
measured 19 98  
Habit tag = 6912 in sec.

Station F-9.

No Balls. Thin Tow

Too rough.

Tagged 64 070  
measured 38 070  
" 5 98

May 14, 1959.

Station F-8.

L. 352 - 50 01' 50"

R. 346 - 40 28' 30"

Cable 14' 1" - 14' 5"

Balls hard to see.

Tagged 67 070

measured 20 070

" 1 98

Used 15 line 070 for line  
tank study - tagged 10.

Station F-7.

No Balls. Thin Station.

Too rough to see.

no crabs tagged.

measured 3 070

E-7.

L 370 - 3° 58' 40"

R 364 - 4° 48' 30"

Cable 14' 1/2" - 14' 3/4"

Total crabs 385

Togged = 354

measured = 31 lead

no 79 - this tow = 0

All 870' this tow were

new shells some

between 75 + New.

Heading for D8 where  
we will meet the  
Tokai Maru

Anchored by Tokai Maru

May 15, 1959

By Tokai Maru.

wire to Tok. Minphara (Sent)

at Station D-8 wire

~~Tokai Maru~~ Over ETA

Unalaska - MAY 21.

Request information if  
any change in joint fishing  
operation.

Mr. Kawasaki and  
Matsushita came aboard  
from the Tokai Maru.

We received 50 of the  
recovered logs to date.

Went aboard the Tokai Maru

and discussed the results  
and the stable conditions.

May 16, 1957

Station D-1

L. 369 4:55:20"

R. 360 4:47:40"

Cable 14' 1" - 14' 4"

Tagged 23 ♂♂.

measured 7 ♀♀.

Released the tagged crabs in  
line tank - removed tags.  
All alive except 1 tagged  
and 1 untagged -  
Crabs were from May 14.

Received 3 wires from Seattle.

Station D-7:

L 372 - 4° 29' 40"

R 362 - 4° 26' 40"

Cable = 14' 1" - 14' 4"

Tagged = 19 ♂♂

measured 1 dead ♂

u 2 ♀♀

Sec of habitus - Tag No. C 6926

2 stolites taken.

Station D-6.

L 382 - 4° 44' 40"

R 386 - 4° 31' 20"

Cable = 14' 0" - 14' 4"

Tagged 153 ♂♂ - some dead

measured 1 dead ♂

u 3 ♀♀

Reversed on tagged crab.

Tag # B-5359.

measured habitus on

this station and released

them.

May 17, 1959

at Station E-6. Japanese +  
Russian trawlers and  
mother ship in sight.

Station E-6

L 363 5° 00' 55"

R 267 4° 32' 55"

Cable = 14' 1/2" - 14' 3 1/2"

Tagged = 197 ♂♂

measured 27 ♂♂

u 9 ♀♀

Station E-5

L-367 = 4° 23' 45"

R-369 = 40 27' 40"

Cable = 14' 1/2" - 14' 4"

Tugged 72 000

2 000 dead

no 98

Obolith taken for habitat.

Station E-4

E-372 = 4° 32' 20"

R-370 = 4° 25' 35"

Cable = 14' 1/2" - 14' 3/4"

Tugged 72 000

2 000 dead

no 98

Division of Commercial Fisheries  
Smithsonian Institution  
Washington, D.C.

Station E-3

U.D. to weather station near  
middle station

Completed 35 stations with

7 to go. Our ETA still

unchanged. 76 hours

over time for Hebard and

Sakuda for May 16 and 17.

May 18, 1959

Station D-4

Balls set but could not see  
due to dense fog. Vis - 150 yd  
Cable  $14\frac{1}{2}'' = 14\ 3''$

Tagged 127 ♂♂ all new shell  
measured 1 ♂

No ♀♀ this station

Station D-5

L 377 - 3:47' 50"

R 380 - 3:58' 15"

Cable =  $14\frac{1}{2}'' = 14\ 3''$

Tagged 15 ♂♂

measured 1 ♂

measured 1 ♀

Measured halibut from

this tow

Station C-5

L Too foggy to see balls

R They were out of Vis - 150 yds

Cable =  $14\frac{1}{2}'' = 14\ 2''$

Tagged 57 ♂♂

measured 5 dead ♂♂

No ♀♀ this tow

Measured halibut and  
saved one stole this tow

Station C-4

Too foggy did not set  
out balls

Tagged 10 ♂♂

No ♀



May 19, 1959

Station B-5

L. 452 - 3° 21' 30"

R. 475 - 3° 35' 05"

Calli. 14' 0" - 14' 2 1/2"

Tagged 22 ♂♂

measured 4 ♀♀

one dead ♂

Saved 7 ♂♂ in live tank  
for Meat Content study.

Station B-4

L. Could not see ball in tow

R. foggy + far behind

Calli. 14' 0" - 14' 3"

measured 5 ♂♂ pre live

tank

measured 2 ♀♀

measured 1 ♂

Station A-4

Too deep and foggy to  
set ball in did not set  
ball.

measured 2 ♂♂

No females this tow.

Measured habitats.

This was our last  
station. Headed back  
to Unalakpa at 1830  
hours.

most of rest of booklet is blank

May 20, 1959.

Arrived Unalakka at  
0200.

Received wire from Doug  
on their ETA here. I  
sent wire to Tak.

• Preparing for Salomon  
charter all day.

| Fm. | wt.   | STOPS-           |
|-----|-------|------------------|
| 10  | 18.3  | 5-15-18.3        |
| 15  | 27.4  | 5-15-20-27       |
| 20  | 36.6  | 5-20-36.         |
| 25  | 45.7  | 5-25-40-45       |
| 30  | 54.9  | 5-35-50-54       |
| 35  | 64.0  | 5-35-50-64       |
| 40  | 73.2  | 5-45-60-73       |
| 45  | 82.3  | 5-50-65-82       |
| 50  | 91.4  | 5-60-75-91       |
| 55  | 100.6 | 5-45-75-90-100   |
| 60  | 109.7 | 5-50-80-95-110   |
| 65  | 118.9 | 5-55-90-105-114  |
| 70  | 128.0 | 5-65-100-115-128 |
| 75  | 137.2 | 5-70-110-125-137 |