Pavlov Bay
(along shore by Pavlov Vol.)

Black Rock on starboard quarter ster. } start.
Black Point on port abeam

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE July 29 /47 HAUL NO. 1

WEATHER Cloudy WIND —

DEPTH 63 - 48 fm. BOTTOM ash (sand)

DIRECTION OF HAUL 340° CURRENT

CABLE OUT AT 1805 STARTED HAULING AT 1935 TOTAL HAUL TIME 1½ hr.

TOTAL POUNDAGE: Everything 2000 ; Fish 1500

Total Pounds (round weight):

HALIBUT 250 (250 lbs. over 26"; ____ lbs. under 26")

number 3 (babies ____; chix. ____ med. ____ lge. 3)

tagged 0 ; dead 3 ; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

850 *

~~Brill~~ (Petrale) Flathead 300 + ____; ~~Rock Sole~~ Yellowfin 400 + ____

"Lemon" ~~(English)~~ 150 + ____

Other Flatfish ____ Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 10 ; Miscellaneous ____

LINGCOD — (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 200 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH — (cans of liver ____)

RATFISH —

MISC. FISH 100 ~~Skate~~ Sculpin 100 ; Rockfish ____; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 600

Miscellaneous ____

TIME SORTING HAUL 30 min.

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

2 Dungeness (1)

500 ~~box~~ Tanner

75 king (12)

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

1 shrimp

_____

_____

MISCELLANEOUS

60 kelp

_____ grass

_____ mud

25 sand

_____ gravel

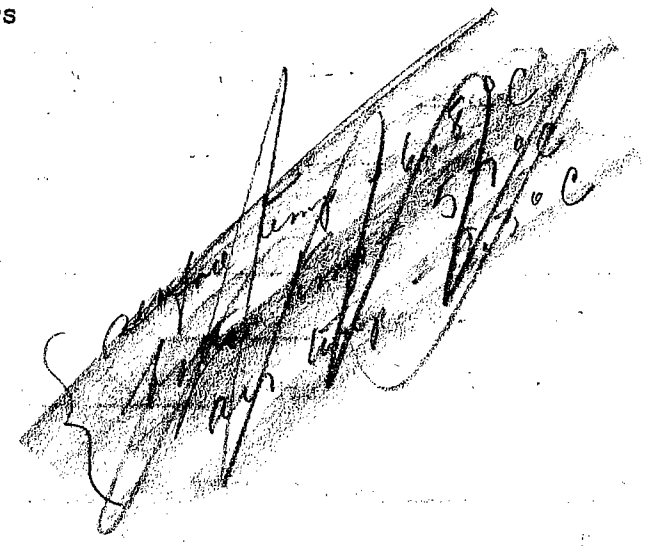
_____ boulders

_____ debris

_____

_____

_____



GENERAL REMARKS:

This haul was a practice to try out the gear and straighten out difficulties

* — "Lemon sole" = Pleuronectes quadrituberculatus

Akun Bay (Akun Is.) - fairly straight thru following contour of bay

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE July 31/47 HAUL NO. 2 (1)

WEATHER fine, bright WIND W 2 - [illegible]

DEPTH 28 - 35 BOTTOM fine sand (blue)

DIRECTION OF HAUL roughly NW → SE CURRENT ebb

CABLE OUT AT 15 45 STARTED HAULING AT 17 30 TOTAL HAUL TIME 1 3/4 hr.

TOTAL POUNDAGE: Everything 20 00 ; Fish 800

Total Pounds (round weight):

HALIBUT 700 (635 lbs. over 26"; 115 lbs. under 26")

number 64 (babies 33 ; chix. ~~20~~ 11 med. ~~11~~ 20 lge. —)

tagged 33 ; dead 1 ; released not tagged 30

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____ ; Rock Sole 10 + ____

~~Lemon (English)~~ ____ + ____

20

Other Flatfish ____ Rex (Witch) ____ + ____ ; Dover (Slime) ____ + ____

Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 10 ; Miscellaneous ____

LINGCOD — (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 25 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH — (cans of liver ____)

RATFISH —

MISC. FISH 25 ~~Skate~~ Sculpin ____ ; Rockfish ____ ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; Scapoachins — 5

Invertebrates 1200

Miscellaneous ____

TIME SORTING HAUL 15 min

MISCELLANEOUS INVERTEBRATES

25 starfish

50 crabs

____ Dungeness

50 box ?

no king crab.

25 basket stars

25 brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

500 sponges

____ squids

____

600 general crap.

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

surface temp. - 6.8 °C

bottom " - 5.7 °C

air temp - 9.3 °C.

Akun Bay - closer in shore ∴ followed curve of bay -

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 7/31/47 HAUL NO. 3 (2)

WEATHER Fine Cloudy WIND W - 2 mph

DEPTH 20 - 48 BOTTOM fine sand (blue)

DIRECTION OF HAUL roughly SE→NW CURRENT ebb

CABLE OUT AT 1800 STARTED HAULING AT 1905 TOTAL HAUL TIME 65 min

TOTAL POUNDAGE: Everything 200 ; Fish 150

Total Pounds (round weight):

HALIBUT 64 (62 lbs. over 26"; 2 lbs. under 26")

number 3 (babies 1 ; chix. ____ med. 2 lge. ____)

tagged 2 ; dead 0 ; released not tagged 1

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____ ; Rock Sole ____ + ____

Lemon (English) ____ + ____

Other Flatfish ____ Rex (Witch) ____ + ____ ; Dover (Slime) ____ + ____

Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ____ ; Miscellaneous ____

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 90 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ ~~Skate~~ Sculpins 5 ; Rockfish ____ ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; ____

Invertebrates 50

Miscellaneous ____

TIME SORTING HAUL 5 min

MISCELLANEOUS INVERTEBRATES

15 starfish

25 crabs

____ Dungeness

25 box ?

no King crabs

5 basket stars

5 brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

MISCELLANEOUS

____ kelp

____ grass

____ mud

10 sand

____ gravel

____ boulders

10 debris

GENERAL REMARKS:

There was a hole here somewhere about 48 fm apparently.

- 1 baby - 36.5 cm. released alive.

- 2 hrs off Akun Bay. NNW. 54°26' 165°34' → NNE

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE August 1 /47 HAUL NO. 4 (1)

WEATHER foggy WIND SW 10 mph

DEPTH 65 fm → 48 fm BOTTOM

DIRECTION OF HAUL NNE (22°) CURRENT

CABLE OUT AT 700 STARTED HAULING AT 845 TOTAL HAUL TIME 1 3/4 hrs.

TOTAL POUNDAGE: Everything 300 ; Fish 150

Total Pounds (round weight):

HALIBUT 10 (____ lbs. over 26"; 10 lbs. under 26")

number 3 (babies 3 ; chix. ____ med. ____ lge. ___)

tagged — ; dead — ; released not tagged 3

SOLE, principal comm. species 5 (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____ ; Rock Sole 5 + ____

Lemon (English) ____ + ____

Other Flatfish 30 Rex (Witch) 5 + ____ ; Dover (Slime) ____ + ____

Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 25 ; Miscellaneous ____

LINGCOD — (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 25 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH — (cans of liver ____)

RATFISH —

MISC. FISH 80 ~~Skate~~ Sculpin 25 ; Rockfish 5 ; ~~Blackcod~~ ~~Pollack Over 3#~~ Under 3# ____

~~Hake~~ ____ ; Pollack - 50 (Theragra chalcogramma)

Invertebrates 150

Miscellaneous ____

TIME SORTING HAUL 10 min

MISCELLANEOUS INVERTEBRATES

15 starfish

15 crabs

3 Dungeness

12 box ?

no king crabs

5 basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

5 sea urchins

____ snails

100 sponges

____ squids

1 gastropods

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

surface t. - 7.6 °C
air t. - 8.5 C

GENERAL REMARKS: Drag started at 65 fm, rose rapidly to 55 then gradually to 48 when it took bottom at end of drag. While hauling in, the bathometer read 80 fm.
- NET TORN TO SHREDS from MOUTH TO BAG
(- thousands of sooty shearwaters Puffinus griseus on water - also 5 or 6 sea lions and a few fur seals.

(50 mi. N Amak Is) 56°16' 163°12' → 56°18' 163°1'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE Aug. 2/47 HAUL NO. 5 (1)

WEATHER visibility low WIND nil - heavy swell

DEPTH 45 - 45 fm BOTTOM grey sand

DIRECTION OF HAUL NE CURRENT [illegible]

CABLE OUT AT 350 STARTED HAULING AT 605 TOTAL HAUL TIME 2 hrs 15 min.

TOTAL POUNDAGE: Everything 1500 ; Fish 1000

Total Pounds (round weight):

HALIBUT 40 (40 lbs. over 26"; ____ lbs. under 26")

number 2 (babies ____; chix. 1 med. 1 lge. ____)

tagged 2 ; dead — ; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) 10 + ____; Rock Sole 50 + ____

"Lemon" (~~English~~) 25 + ____

Other Flatfish 335 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 50 ; ~~Miscellaneous~~ yellow fin 200

LINGCOD — (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 100 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH — (cans of liver ____)

RATFISH —

MISC. FISH 520 Skate 10 ; Rockfish ____; Blackcod Over 3# ____ Under 3# ____

~~Hake~~ Herring 10 ; Pollock 500

Invertebrates 500

Miscellaneous ____

TIME SORTING HAUL 20 min.

MISCELLANEOUS INVERTEBRATES

50 starfish

275 crabs

50 Tanner ~~Dungeness~~

16 box ?

210 King (20)

10 basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

25 sponges

____ squids

100 gastropods (6 shell, 4 crab)

25 jellyfish

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

10 debris

____

____

____

GENERAL REMARKS: 2 (med. and small) Raja ~~stellulata~~

56° 18' 163° 1' → 56° 21' 162° 50'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE Aug 2 /47 HAUL NO. 6 (2)

WEATHER fine - poor vis. WIND nil - light swell

DEPTH 44 → 44 fm. BOTTOM fine sand (grey)

DIRECTION OF HAUL NE CURRENT slack → flood → NE (going with tide)

CABLE OUT AT 650 STARTED HAULING AT 925 TOTAL HAUL TIME 2 1/2 hrs.

TOTAL POUNDAGE: Everything 2000 ; Fish 1000

Total Pounds (round weight):

HALIBUT — (____ lbs. over 26"; ____ lbs. under 26")

number ____ (babies ____; chix. ____ med. ____ lge. ____)

tagged ____; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) 80 + ____; Rock Sole 200 + ____

Lemon (English) ____ + ____

Other Flatfish 500 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; ~~C.O. Sole~~ Flathead 100 Starry Flounder ____

Long-jaw (Turbot) — ; ~~Miscellaneous~~ Yellow fin 150

LINGCOD — (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 300 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH — (cans of liver ____)

RATFISH —

MISC. FISH 160 Skate 5 ; Rockfish ____; Blackcod Over 3# ____ Under 3# ____

~~Hake~~ Herring 5 ; Pollack 150

Invertebrates 1000

Miscellaneous ____

TIME SORTING HAUL 20

MISCELLANEOUS INVERTEBRATES

100 starfish

500 crabs

200 Tanner ~~Dungeness~~

___ box

350 King 54

50 basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

200 gastropods

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

50 debris

____

____

____

GENERAL REMARKS: 1 target Raja ~~[illegible]~~ stellulata

(+2 egg cases)

56°21' 162°50' → 56°25' 162°36'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/2/47 HAUL NO. 7 (3)

WEATHER clearing WIND nil - light swell

DEPTH 43 fm. → 41 fm. BOTTOM fine gray sand

DIRECTION OF HAUL NE CURRENT flood

CABLE OUT AT 1010 STARTED HAULING AT 1310 TOTAL HAUL TIME 3 hrs.

TOTAL POUNDAGE: Everything 6000; Fish 5000

Total Pounds (round weight):

HALIBUT 0 (____lbs. over 26"; ____lbs. under 26")

number____(babies____; chix.____ med.____ lge.___)

tagged____; dead____; released not tagged____

SOLE, principal comm. species ____ (____lbs. ~~over 12"~~ + ____lbs. ~~under 12"~~)

Brill (Petrale) ____ + ____; Rock Sole 200 + ____

Lemon "~~(English)~~ 25 + ____

Other Flatfish 750 Yellowfin - 450 ~~Rex (Witch)~~ ____ + ____; Flat head - 25 ~~Dover (Slime)~~ ____ + ____

Sand Sole ____; C.O. Sole____ Starry Flounder____

Long-jaw (Turbot) 50; Miscellaneous ____

~~LINGCOD~~ POLLACK 4000 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 200 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 25 Skate 25; Rockfish____; Blackcod Over 3#____ Under 3#____

Hake ____; ____

Invertebrates 975

Miscellaneous 25

TIME SORTING HAUL 1 hr. (rope broke and fouled block on end of boom)

MISCELLANEOUS INVERTEBRATES

50 starfish

800 crabs

650 KING ~~Dungeness~~ (Fig)

25 box ?

125 Tanner

50 basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

50 sponges

____ squids

25 gastropods (whelk + hermit crab)

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

25 boulders

____ debris

____

____

____

GENERAL REMARKS: - 1 large Raja stellulata

- Rock sole in these areas ? very small size. (also krill)

56°25' 162°30' → 56°29' 162°22'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE Aug 2 /47 HAUL NO. 8 (4)

WEATHER Cloudy WIND NE 2 mph

DEPTH 40 → 41 fm. BOTTOM sand.

DIRECTION OF HAUL NE CURRENT [illegible]

CABLE OUT AT 1410 STARTED HAULING AT 1655 TOTAL HAUL TIME 2¾ hrs.

TOTAL POUNDAGE: Everything _____; Fish _____

Total Pounds (round weight):

HALIBUT _____ (_____lbs. over 26"; _____lbs. under 26")

number_____(babies_____; chix._____ med._____ lge.___)

tagged_____; dead_____; released not tagged_____

SOLE, principal comm. species _____ (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole _____ + _____

Lemon (English) _____ + _____

Other Flatfish _____ Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole_____ Starry Flounder _____

Long-jaw (Turbot) _____; Miscellaneous _____

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD _____ (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate_____; Rockfish_____; Blackcod Over 3#_____ Under 3#_____

Hake _____; _____

Invertebrates _____

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: — purse strings became untied and content of bag = 1 tangled King crab and a few gilled pollack

56°29' 162°22' → 56°33' 162°8'

HAUL SHEETS

TRIP _____ BOAT Alaska

DATE 8/2/47 HAUL NO. 9 (5)

WEATHER Cloudy WIND NE 2 gl

DEPTH 41 – 39 fm. BOTTOM fine sand

DIRECTION OF HAUL NE CURRENT _____

CABLE OUT AT 1725 STARTED HAULING AT 2020 TOTAL HAUL TIME 3 hrs.

TOTAL POUNDAGE: Everything 2000 ; Fish _____

Total Pounds (round weight):

HALIBUT 7 (7 lbs. over 26"; ___ lbs. under 26")

number 1 (babies ___; chix. 1 med. ___ lge. ___)

tagged 1 ; dead ___; released not tagged ___

SOLE, principal comm. species _____ (___ lbs. over 12" + ___ lbs. under 12")

Brill (Petrale) ___ + ___; Rock Sole 200 + ___

Lemon (English) 15 + ___

Other Flatfish 550 Rex (Witch) 10 + ___; Dover (Slime) ___ + ___

Sand Sole ___; ~~C.O. Sole~~ FLATHEAD 25 Starry Flounder ___

Long-jaw (Turbot) 25 ; ~~Miscellaneous~~ YELLOW FIN 300

~~LINGCOD~~ POLLACK 200 (___ lbs. over 3# each ___ lbs. under 3# each)

GREYCOD 400 (___ lbs. over 16" ___ lbs. under 16")

~~DOGFISH~~ _____ (cans of liver ___)

~~RATFISH~~ _____

MISC. FISH 25 Skate ___; ~~Rockfish~~ SCULPINS 25 ; Blackcod Over 3# ___ Under 3# ___

Hake ___; _____

Invertebrates 860

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

25 starfish

785 crabs

25 TANNER ~~Dungeness~~

10 box

750 KING (124)

____ basket stars

15 brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

25 sponges

____ squids

10 gastropod shells

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

GENERAL REMARKS: - small hole near bag

56°33' 162°3' → 56°39' 162°52'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/3/47 HAUL NO. 10 (11)

WEATHER Cloudy WIND NE 3-4 mph

DEPTH 36 fm BOTTOM Fine sand

DIRECTION OF HAUL NE x N CURRENT E → W

CABLE OUT AT 340 STARTED HAULING AT 620 TOTAL HAUL TIME 2 hrs. 40 min.

TOTAL POUNDAGE: Everything 40000 ; Fish 3250

Total Pounds (round weight):

HALIBUT 50 (42 lbs. over 26"; 8 lbs. under 26")
number 7 (babies 2; chix. 4 med. 1 lge.)
tagged 7; dead —; released not tagged —

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")
Brill (Petrale) 25 + ____; Rock Sole 200 + ____
"Lemon" (~~English~~) 25 + ____

Other Flatfish 600 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____
Sand Sole ____; ~~C.O.~~ Flathead Sole 75; Starry Flounder ____
Long-jaw (Turbot) 25; ~~Miscellaneous~~ Yellow fin 300

~~LINGCOD~~ POLLOCK 2000 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 500 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 100 Skate 50; ~~Rockfish~~ sculpin 50; Blackcod Over 3#____ Under 3#____
Hake ____; ____

Invertebrates 750

Miscellaneous ____

TIME SORTING HAUL 30 min

MISCELLANEOUS INVERTEBRATES

15 starfish

690 crabs

650 ~~Dungeness~~ KING 100

15 box

25 Tanner

10 basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

25 sponges

____ squids

10 gastropod shells

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: – 3 large Raja stellatus

– 1 large Myoxocephalus polyanthocephalus (red and brown)

– halibut tagged and in too good shape – most scratched badly on eyed side

– bellies full ~~[illegible]~~ in most

52°39' 161°52' → 56°44' 161°42'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/3/47 HAUL NO. 11 (2)

WEATHER cloudy WIND NE 4 mph

DEPTH 36 fm BOTTOM fine sand

DIRECTION OF HAUL NE×N CURRENT flood

CABLE OUT AT 700 STARTED HAULING AT 925 TOTAL HAUL TIME 2½ hrs.

TOTAL POUNDAGE: Everything 2500 ; Fish 2200

Total Pounds (round ~~weight~~):

HALIBUT — (____ lbs. over 26"; ____ lbs. under 26")

number ____ (babies ____; chix. ____ med. ____ lge. ___)

tagged ____; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 75 + ____

"Lemon" ~~(English)~~ — + ____ Flathead 25

Other Flatfish 200 Rex (Witch) — + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 15 ; ~~Miscellaneous~~ YELLOW FIN 75

~~LINGCOD~~ POLLACK 1800 (____ lbs. over 3# each ____ lbs. under 3# each).

GREYCOD 200 (150 lbs. over 16" 50 lbs. under 16").

DOGFISH — (cans of liver ____)

RATFISH —

MISC. FISH 25 Skate 15 ; ~~Rockfish~~ Sculpins 10 ; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 300

Miscellaneous ____

TIME SORTING HAUL 20 min

MISCELLANEOUS INVERTEBRATES

15 starfish

250 crabs

15 ~~Dungeness~~ TANNER

10 box ?

225 KING 42

15 basket stars

___ brittle stars

___ clams

___ nudibranchs

___ octopus

___ scallops

___ sea anemones

___ sea cucumbers

___ sea pens

___ sea urchins

___ snails

20 sponges

___ squids

___

___

___

MISCELLANEOUS

___ kelp

___ grass

___ mud

___ sand

___ gravel

___ boulders

___ debris

___

___

___

GENERAL REMARKS: – no splits.

– 1 Raja stellulata

56°44' - 161°42' 56°48' 161°31'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/3/47 HAUL NO. 12 (3)

WEATHER Cloudy WIND NE 2 mph

DEPTH 38 fm. → 43 fm. BOTTOM sand

DIRECTION OF HAUL NE x N CURRENT [illegible]

CABLE OUT AT 1000 STARTED HAULING AT 1220 TOTAL HAUL TIME 2 hrs. 20 min

TOTAL POUNDAGE: Everything 2200 ; Fish 1600

Total Pounds (round weight):

HALIBUT 6 (6 lbs. over 26"; ____ lbs. under 26")

number 1 (babies ____; chix. 1 med. ____ lge. ____)

tagged 1 ; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 150 + ____

"Lemon" ~~(English)~~ 25 + ____

Other Flatfish 500 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 25 ; ~~Miscellaneous~~ YELLOWFIN 300

~~LINGCOD~~ POLLACK 500 (____ lbs. over 3# each ____ lbs. under 3# ~~each~~)

GREYCOD 500 (____ lbs. over 16" ____ lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 60 Skate 35 ; ~~Rockfish~~ Sculpins 25 ; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 615

Miscellaneous ____

TIME SORTING HAUL 20 min

10 - starfish
605 - crabs.
100 - Tanner
500 - King 88.
5 - Box?

618

56°48' 161°31' 56°50' 161°20'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/3/47 HAUL NO. 13 (4)

WEATHER Cloudy WIND NE 2 mph.

DEPTH 46 fm. BOTTOM sand.

DIRECTION OF HAUL NE × E CURRENT eff

CABLE OUT AT 1300 STARTED HAULING AT 1510 TOTAL HAUL TIME 2 hrs 10 min

TOTAL POUNDAGE: Everything 1000 ; Fish 925

Total Pounds (round weight):

HALIBUT — (____ lbs. over 26"; ____ lbs. under 26")

number ____ (babies ____; chix. ____ med. ____ lge. ___)

tagged ____; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

~~Brill (Petrale)~~ ____ + ____; Rock Sole 25 + ____

Lemon (English) 10 + ____

Other Flatfish 150 Rex (Witch) ____ + ____; ~~Dover (Slime)~~ FLATHEAD 15 + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 10 ; ~~Miscellaneous~~ YELLOWFIN 100

~~LINGCOD~~ POLLACK 300 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 300 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 50 Skate 35; ~~Rockfish~~ Sculpins 15; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 75

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

____	starfish
75	crabs
20	~~Dungeness~~ Tanner
2	box
55	KING 10
____	basket stars
____	brittle stars
____	clams
____	nudibranchs
____	octopus
____	scallops
____	sea anemones
____	sea cucumbers
____	sea pens
____	sea urchins
____	snails
____	sponges
____	squids

MISCELLANEOUS

____	kelp
____	grass
____	mud
____	sand
____	gravel
____	boulders
____	debris

GENERAL REMARKS: – 1 split on board – bag lost (ie) approx 1/2 fist lost.

56°50' – 161°20' → 56°52' 161°9'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/3/47 HAUL NO. 14 (51)

WEATHER cloudy WIND NE 25 k

DEPTH 38-34-36-37-41 fm. BOTTOM sandy

DIRECTION OF HAUL NExE CURRENT off

CABLE OUT AT 1545 STARTED HAULING AT 1740 TOTAL HAUL TIME 2 hrs

TOTAL POUNDAGE: Everything 2500 ; Fish 2000

Total Pounds (round weight):

HALIBUT 50 (40 lbs. over 26"; 10 lbs. under 26")

number 5 (babies 3 ; chix. ____ med. 2 lge. ____)

tagged 2 ; dead ____; released not tagged 3

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 100 + ____

Lemon (~~English~~) 20 + ____

Other Flatfish 360 Rex (Witch) 5 + ____; ~~Dover (Slime)~~ FLAT HEAD 25 + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 10 ; ~~Miscellaneous~~ yellowfin 200

~~LINGCOD~~ POLLACK 1200 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 300 (____lbs. over 16" ____lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 75 Skate 50 ; ~~Rockfish~~ Sculpin 25 ; ~~Blackcod~~ Over 3# ____ Under 3# ____

~~Hake~~ ____; ____

Invertebrates 450

Miscellaneous ____

TIME SORTING HAUL 25 min.

300 crabs

250 King 49
25 Tanner
25 Box

100 - ~~tunicates~~ (one ? stalked Ascidians)

25 starfish

25 basket stars

- 1 split and 1 bag - A large chole in the bag appeared after the split. and a few thousand lbs. including one medium halibut escaped.

56°50' 161°3' 56°48' 160°52'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/3/47 HAUL NO. 15 (6)

WEATHER cloudy WIND NE - breeze.

DEPTH 38 - 40 - 38 fm. BOTTOM sand

DIRECTION OF HAUL E CURRENT slack → flood

CABLE OUT AT 1820 STARTED HAULING AT 2020 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 1800 ; Fish 1500

Total Pounds (round weight):

HALIBUT 4 (____ lbs. over 26"; 4 lbs. under 26")

number 1 (babies 1 ; chix.____ med.____ lge.___)

tagged 1 ; dead____ ; released not tagged____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____ ; Rock Sole 150 + ____

"Lemon" ~~(English)~~ 10 + ____

Other Flatfish 300 Rex (Witch) 2 + ____ ; Dover (Slime) ____ + ____

Sand Sole ____ ; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) 25 ; ~~Miscellaneous~~ YELLOWFIN 100

~~LINGCOD~~ POLLACK 1000 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 200 (100 lbs. over 16" 100 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 60 Skate 50 ; ~~Rockfish~~ Sculpin 10 ; Blackcod Over 3#____ Under 3#____

Hake ____ ; ____

Invertebrates 300

Miscellaneous ____

TIME SORTING HAUL 20 min.

MISCELLANEOUS INVERTEBRATES

____	starfish
178	crabs
15	~~Dungeness~~ Tanner
10	box
150	KING (35) =
20	basket stars
____	brittle stars
____	clams
____	nudibranchs
____	octopus
____	scallops
____	sea anemones
____	sea cucumbers
____	sea pens
____	sea urchins
____	snails
10	sponges
____	squids
100	Tunicates (ascidians)
____	
____	

MISCELLANEOUS

____	kelp
____	grass
____	mud
____	sand
____	gravel
____	boulders
____	debris
____	
____	
____	

GENERAL REMARKS: King crabs - small - many ♀ with eggs.

56°46' 160°38' 56°50' 160°26'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/4/67 HAUL NO. 16 17

WEATHER foggy WIND nil — mild swell

DEPTH 38 → 36 fm. BOTTOM grey sand.

DIRECTION OF HAUL NE CURRENT flood

CABLE OUT AT 340 STARTED HAULING AT 615 TOTAL HAUL TIME 2 ½ hrs.

TOTAL POUNDAGE: ~~Everything~~ 800 ; Fish 400

Total Pounds (round weight):

HALIBUT 28 (____lbs. over 26"; ____lbs. under 26")

number 4 (babies 2 ; chix. 1 med. 1 lge. ___)

tagged 4 ; dead ___; released not tagged ___

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 150 + ____

Lemon (English) ____ + ____

Other Flatfish 200 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ____; Miscellaneous 50

~~LINGCOD~~ Pollock 100 (____lbs. over 3# each ____lbs. under 3# ~~each~~)

GREYCOD 100 (30 lbs. over 16" 70 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 50 Skate 35 ; ~~Rockfish~~ Sangio 15 ; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 325

Miscellaneous ____

TIME SORTING HAUL 20 min.

MISCELLANEOUS INVERTEBRATES

15 starfish

75 crabs

___ ~~Dungeness~~ Tanner

10 box ?

65 King 11 ♀ 5 ♂

35 basket stars

___ brittle stars

___ clams

___ nudibranchs

___ octopus

___ scallops

___ sea anemones

___ sea cucumbers

___ sea pens

___ sea urchins

___ snails

___ sponges

___ squids

200 jellyfish

___

___

MISCELLANEOUS

___ kelp

___ grass

___ mud

___ sand

___ gravel

___ boulders

___ debris

___

___

___

GENERAL REMARKS: - one baby halibut about 48 cm was thrown over alive before I got there.

160°23' 56°46' → 160°18' 56°41'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/14/47 HAUL NO. 17-(2)

WEATHER cloudy WIND nil

DEPTH 34 - 32 fm BOTTOM grey sand

DIRECTION OF HAUL ~~34~~ SE CURRENT fast

CABLE OUT AT 700 STARTED HAULING AT 850 TOTAL HAUL TIME 1 hr 50 min

TOTAL POUNDAGE: Everything 2500 ; Fish _____

Total Pounds (round weight):

HALIBUT 65 (50 lbs. over 26"; 15 lbs. under 26")
number 7 (babies 4; chix. 1 med. 2 lge. ___)
tagged 7; dead —; released not tagged —

SOLE, principal comm. species _____ (_____ lbs. over 12" + _____ lbs. under 12")
Brill (Petrale) _____ + _____; Rock Sole 800 + _____
Lemon (English) _____ + _____

Other Flatfish 1000
Rex (Witch) _____ + _____; Dover (Slime) _____ + _____
Sand Sole _____; C.O. Sole _____ Starry Flounder _____
Long-jaw (Turbot) _____; ~~Miscellaneous~~ yellowfin 200

~~LINGCOD~~ POLLACK — (_____ lbs. over 3# each _____ lbs. under 3# each)

GREYCOD 1000 (350 lbs. over 16" 650 lbs. under 16").

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH 50 Skate 35; ~~Rockfish~~ Scorpion 15; Blackcod Over 3# _____ Under 3# _____
Hake _____; _____

Invertebrates 300

Miscellaneous _____

TIME SORTING HAUL 30 min

MISCELLANEOUS INVERTEBRATES

25 starfish

225 crabs

____ Dungeness

25 box ?

200 King 30 & 58

50 basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

bottom King 7.5 °C

GENERAL REMARKS:

56°29' 161°37' → 56°26' 161°46'

HAUL SHEETS

TRIP 1

BOAT Alaska

HAUL NO. 18 (3)

DATE 8/4/47

WEATHER fine, bright

WIND SW catspaw

DEPTH 41 fm. → 46 fm.

BOTTOM sand (

DIRECTION OF HAUL SW

CURRENT ebb

CABLE OUT AT 1400 STARTED HAULING AT 1600 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 650 ; Fish 600

Total Pounds (round weight):

HALIBUT ___ (___ lbs. over 26"; ___ lbs. under 26")

number ___ (babies ___ ; chix. ___ med. ___ lge. ___)

tagged ___ ; dead ___ ; released not tagged ___

SOLE, principal comm. species ___ (___ lbs. over 12" + ___ lbs. under 12")

Brill (Petrale) ___ + ___ ; Rock Sole 50 + ___

Lemon (English) ___ + ___

Other Flatfish 75

Rex (Witch) ___ + ___ ; Dover (Slime) ___ + ___

Sand Sole ___ ; C.O. Sole ___ Starry Flounder ___

Long-jaw (Turbot) ___ ; ~~Miscellaneous~~ yellowfin 25

~~LINGCOD~~ POLLACK 300 (___ lbs. over 3# each ___ lbs. under 3# each)

GREYCOD 200 (200 lbs. over 16" ___ lbs. under 16")

~~DOGFISH~~ ___ (cans of liver ___)

RATFISH ___

MISC. FISH 15 Skate ___ ; ~~Rockfish~~ Sculpin ___ ; Blackcod Over 3# ___ Under 3# ___

~~Hake~~ Herring 15 ; ___

Invertebrates 75

Miscellaneous ___

TIME SORTING HAUL 10 min.

MISCELLANEOUS INVERTEBRATES

_____ starfish

50 crabs

5 ~~Dungeness~~ Tanner

10 box?

3.5 King (5) ♂

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

2 ± jellyfish (scyphozoans)

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

bottom temp 3.3 °C.

GENERAL REMARKS:

56°25.5' 161°52' → 56°24' - 162°21'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/4/87 HAUL NO. 19 (4)

WEATHER beautiful day WIND smooth

DEPTH 46 ~~144~~ fm. BOTTOM fine gray/brown

DIRECTION OF HAUL SW X W CURRENT slack ~~flood~~

CABLE OUT AT 1640 STARTED HAULING AT 1825 TOTAL HAUL TIME 1 hr 45 min

TOTAL POUNDAGE: Everything 2000 ; Fish 1500

Total Pounds (round weight):

HALIBUT 27 (24 lbs. over 26"; 3 lbs. under 26")

number 2 (babies 1 ; chix. ____ med. 1 lge. ____)

tagged 1 ; dead ____ ; released not tagged 1

SOLE, principal comm. species ____ (~~____ lbs. over 12"~~ + ~~____ lbs. under 12"~~)

Brill (Petrale) ____ + ____ ; Rock Sole 550 + ____

Lemon (English) 10 + ____

Other Flatfish 735

Rex (Witch) 5 + ____ ; Dover (Slime) ____ + ____

Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 20 ; ~~Miscellaneous~~ YELLOWFIN 150

~~LINGCOD~~ POLLACK 200 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 500 (250 lbs. over 16" 250 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 35 Skate 25 ; ~~Rockfish~~ Sculpins 10 ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; ____

Invertebrates 510

Miscellaneous ____

TIME SORTING HAUL 30 min.

MISCELLANEOUS INVERTEBRATES

25 starfish

460 crabs

100 ~~Dungeness~~ Tanner

10 box ?

350 KING 48 (1 ♀)

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

~~25~~ sea anemones

____ sea cucumbers

____ sea pens

25 sea urchins

____ snails

____ sponges

____ squids

____ 0

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

GENERAL REMARKS: – baby halibut 41.5 cm released alive

56°24' 162°2' → 56°22' 162°12'

HAUL SHEETS

TRIP 1 BOAT Aurora

DATE 8/4/47 HAUL NO. 20 (5)

WEATHER low fog - clear sky WIND ~~NW~~

DEPTH 42 → 43 fm. BOTTOM grey ~~sand~~

DIRECTION OF HAUL ~~SW~~ NW CURRENT ~~fast~~

CABLE OUT AT 1905 STARTED HAULING AT 2105 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 27200 ; Fish 20000

Total Pounds (~~round~~ weight):

HALIBUT 9 (9 lbs. over 26"; ____ lbs. under 26")

number 1 (babies ____; chix. ____; med. ____; lge. ____)

tagged 1; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 250 + ____

Lemon (English) 5 + ____

Other Flatfish 350

Rex (Witch) 2 + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____; Starry Flounder ____

Long-jaw (Turbot) 10; ~~Miscellaneous~~ 100

POLLOCK

~~LINGCOD~~ 350 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 1250 (1000 lbs. over 16" 250 lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

Over 3# ____

MISC. FISH 5 Skate ____; ~~Rockfish~~ Sculpin 3; Blackcod ____

Under 3# ____

~~Hake~~ Herring 2

Invertebrates 225

Miscellaneous ____

TIME SORTING HAUL 20 min.

MISCELLANEOUS INVERTEBRATES

____ starfish

2 10 crabs

10 Tanner ~~Dungeness~~

____ box

200 King 27 (all ♂)

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

15 jellyfish

____

____

____

____

____

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: ~~the split near the bay for about 3'~~ and a few fish escaped,

NB ~~most soles (95%) in this and~~ ~~previous drags under 12"~~

56°20' 162°21' 56° 17' 162° 30'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/5/47 HAUL NO. 21 (41)

WEATHER fog + clear sky WIND E 2 mph

DEPTH 42 fm BOTTOM fine sand

DIRECTION OF HAUL SW CURRENT ebb -

CABLE OUT AT 3.45 STARTED HAULING AT 600 TOTAL HAUL TIME 2 1/4 hrs

TOTAL POUNDAGE: Everything 1600 ; Fish 1100

Total Pounds (round weight):

HALIBUT — (____lbs. over 26"; ____lbs. under 26")

number____(babies____; chix.____ med.____ lge.___)

tagged____; dead____; released not tagged____

SOLE, principal comm. species ____ (~~____lbs. over 12"~~ + ~~____lbs. under 12"~~)

Brill (Petrale) ____ + ____; Rock Sole 500 + ____

Lemon (~~English~~) 5 + ____

600

Other Flatfish ____ Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) 10 ; Yellowfin ~~Miscellaneous~~ 100

Pollack

~~LINGCOD~~ 200 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 300 (200 lbs. over 16" 100 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 15 Skate____; Sculpin ~~Rockfish~~ 15 ; Blackcod Over 3#____ Under 3#____

Hake ____; ____

Invertebrates 475

Miscellaneous ____

TIME SORTING HAUL 20 min

MISCELLANEOUS INVERTEBRATES

100 starfish

325 crabs

100 ~~Dungeness~~ Tanner

____ box

225 KING 22 (♂)

25 basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

25 jellyfish

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

GENERAL REMARKS:

56°17' 162°30' → 56°14' 162°40'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/5/47 HAUL NO. 22

WEATHER foggy - clear sky WIND E 2 mph

DEPTH 42 - 45 BOTTOM sand

DIRECTION OF HAUL SW CURRENT slack → flood

CABLE OUT AT 630 STARTED HAULING AT 810 TOTAL HAUL TIME 1 hr 40 min.

TOTAL POUNDAGE: Everything 200; Fish 10

Total Pounds (round weight):

HALIBUT _____ (_____ lbs. over 26"; _____ lbs. under 26")

number _____ (babies _____; chix. _____ med. _____ lge. _____)

tagged _____; dead _____; released not tagged _____

SOLE, principal comm. species _____ (_____ lbs. over 12" + _____ lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole 5 + _____

Lemon (English) _____ + _____

Other Flatfish _____ Rex (Witch) _____ + _____; ~~Dover (Slime)~~ Flathead 1 + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) _____; Miscellaneous _____

~~LINGCOD~~ Pollack 3 (_____ lbs. over 3# each _____ lbs. under 3# ~~each)~~

GREYCOD _____ (_____ lbs. over 16" _____ lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate _____; Rockfish _____; Blackcod Over 3# _____ Under 3# _____

Hake _____; _____

Invertebrates 200

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

200 jellyfish (scyphozoons.

_____ basket stars

_____ brittle stars

_____ clams

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

bottom temp - 1.95 °C

GENERAL REMARKS: This haul faster - 230 rpm. —

apparently trawl did not get to bottom

56° 6' 162° 31' 56° 8' 162° 25'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/15/47 HAUL NO. 23 (31)

WEATHER cloudy - clear. WIND E - 3 mph.

DEPTH 43 → 41 BOTTOM Sand.

DIRECTION OF HAUL NE CURRENT Flood.

CABLE OUT AT 9 40 STARTED HAULING AT 11 00 TOTAL HAUL TIME 1 hr 20 min.

TOTAL POUNDAGE: Everything 1700; Fish 1550

Total Pounds (round weight):

HALIBUT 10 (7 lbs. over 26"; 3 lbs. under 26")
number 2 (babies 1; chix. 1 med. ____ lge. ___)
tagged 2; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole 200 + ____
Lemon (English) ____ + ____

Other Flatfish 620
Rex (Witch) ____ + ____; ~~Dover (Slime)~~ Flathead 10 + ____
Sand Sole ____; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) 10; ~~Miscellaneous~~ Yellowfin 400

~~LINGCOD~~ Rockfish 200 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 700 (500 lbs. over 16" 200 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATEISH~~ ____

MISC. FISH 5 Skate ____; ~~Rockfish~~ Yelyin 5; Blackcod Over 3# ____ Under 3# ____
Hake ____; Sea perches - 1

Invertebrates 135

Miscellaneous ____

TIME SORTING HAUL ____

25 - Starfish

75 - King crabs - 9 - (1♀)
25 - Tanner
10 - Box ?

110 - CRABS.

about a dozen Sturgeon-like Sea Roaches

56°0' 162°18' 55°57' 162°24'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/5/47 HAUL NO. 24/4

WEATHER fine - vis. 50 mile. WIND nil.

DEPTH 38 → BOTTOM gray sand.

DIRECTION OF HAUL SSW CURRENT slack → ebb

CABLE OUT AT 1220 STARTED HAULING AT 1345 TOTAL HAUL TIME 1 hr 25 min.

TOTAL POUNDAGE: Everything 2000 ; Fish 1750

Total Pounds (round weight):

HALIBUT 20 (6 lbs. over 26"; 14 lbs. under 26")

number 4 (babies 3 ; chix. 1 med. ____ lge. ___)

tagged 4 ; dead ___ ; released not tagged ___

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____ ; Rock Sole 500 + ____

Lemon (~~English~~) 5 + ____

Other Flatfish 1000

Rex (Witch) 5 + ____ ; Dover (Slime) ____ + ____

Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 25 ; ~~Miscellaneous~~ yellowfin 500

~~LINGCOD~~ Dolly 25 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 650 (~~400~~ lbs. over 16" 150 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH ____ Skate ____ ; ~~Rockfish~~ ____ ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; Sea pochen -0.5

Invertebrates 250

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

15 starfish

215 crabs

15 Dungeness

____ box

200 King 240' 1♀

10 basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

10 Jellyfish

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

Bottom temp 4.18°C.
Surface temp 12.8°C.
Air temp 17.0°C.

GENERAL REMARKS:

56°52' 162°19' → 55°49' 162°26'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/5/47 HAUL NO. 25 (5)

WEATHER fine clear WIND nil

DEPTH 26 → 27 fm. BOTTOM grey sand

DIRECTION OF HAUL SW x S CURRENT ebb

CABLE OUT AT 1435 STARTED HAULING AT 1610 TOTAL HAUL TIME 1 1/2 hrs.

TOTAL POUNDAGE: Everything 2300; Fish 2000

Total Pounds (round weight):

HALIBUT 225 (125 lbs. over 26"; 100 lbs. under 26")

number 50 (babies 35; chix. 11 med. 4 lge. —)

tagged 16; dead (2); released not tagged 34

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 250 + ____

Lemon (~~English~~) 10 + ____

Other Flatfish 1800

Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole 25; C.O. Sole ____ Starry Flounder 25

Long-jaw (Turbot) ____; ~~Miscellaneous~~ 1500

~~LINGCOD~~ POLLACK — (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD — (____lbs. over 16" ____lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 20 Skate 10; Rockfish 10; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 285

Miscellaneous ____

TIME SORTING HAUL 20 min

MISCELLANEOUS INVERTEBRATES

100 starfish

185 crabs

10 Tanner ~~Dungeness~~

25 box

150 King 10 ♀ 90 ♂

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

162°21' 55°45' → 162°16' 55°48'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/5/47 HAUL NO. 26 (6)

WEATHER fine & clear. WIND S light breeze

DEPTH 18 – 21 fm. BOTTOM gravel sheels rocky.

DIRECTION OF HAUL NNE CURRENT slack → flood.

CABLE OUT AT 1710 STARTED HAULING AT 1825 TOTAL HAUL TIME 1 hr 15 min

TOTAL POUNDAGE: Everything 300 ; Fish 100

Total Pounds (round weight):

HALIBUT 90 (45 lbs. over 26"; 45 lbs. under 26")

number 17 (babies 12; chix. 4 med. 1 lge.)

tagged 8 ; dead (1)?; released not tagged 9 ?

SOLE, principal comm. species _____ (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole _____ + _____

Lemon (English) _____ + _____

Other Flatfish 7 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder 7

Long-jaw (Turbot) _____; Miscellaneous _____

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD _____ (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate_____; Rockfish_____; Blackcod Over 3#_____ Under 3#_____

Hake _____; _____

Invertebrates 210 (gm)

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

10 starfish

200 crabs

____ Dungeness

____ box

200 King (all babies about 10 cm across

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: - net snagged and large tear from bag to mouth.

— Course to Port Moller to mend 2 snagged nets.

58°3' 161°25' → 58°9' 161°26'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE Aug 7th /47 HAUL NO. 27 (1)

WEATHER Cloudy - vis. low WIND nil

DEPTH 28 - 25 BOTTOM sand

DIRECTION OF HAUL NW x N CURRENT [illegible]

CABLE OUT AT 355 STARTED HAULING AT 615 TOTAL HAUL TIME 2 hrs 20 min

TOTAL POUNDAGE: Everything 1700 ; Fish 1640

Total Pounds (round weight):

HALIBUT 40 (13 lbs. over 26"; 27 lbs. under 26")

number 8 (babies 6 ; chix. 2 med. ____ lge. ____)

tagged 7 ; dead — ; released not tagged 1

SOLE, principal comm. species ____ (~~____ lbs. over 12" + ____ lbs. under 12"~~)

Brill (Petrale) ____ + ____ ; Rock Sole 300 + ____

"Lemon" (~~English~~) 10 + ____

Other Flatfish 1200 Rex (Witch) ____ + ____ ; Dover (Slime) ____ + ____

Sand Sole ____ ; C.O. Sole ____ Starry Flounder 25

Long-jaw (Turbot) ____ ; ~~Miscellaneous~~ Yellowfin 900

~~LINGCOD~~ Prelach — (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 400 (400 lbs. over 16" — lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 75 Skate 50 ; ~~Rockfish~~ Sculpin 25 ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; ____

Invertebrates 60

Miscellaneous ____

TIME SORTING HAUL 20 min

MISCELLANEOUS INVERTEBRATES

25 starfish

15 crabs

15 ~~Dungeness~~ King 2 eg. ♂ 1 small ♂ 2 ♀

___ box

___

10 basket stars

___ brittle stars

___ clams

___ nudibranchs

___ octopus

___ scallops

___ sea anemones

___ sea cucumbers

___ sea pens

___ sea urchins

___ snails

___ sponges

___ squids

10 barnacles with "sponge" growth

___

___

MISCELLANEOUS

___ kelp

___ grass

___ mud

___ sand

___ gravel

___ boulders

___ debris

___

___

___

air temp - 12.5 °C
surface - 10.3 °C
bottom - 5.30 °C

GENERAL REMARKS: 1 halibut 54.4 cm was released alive not tagged

- both greycod & sole in the haul of largest average size get taken.

58°38' 162°18' -> 58°43' 162°23'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/7/47 HAUL NO. 28 (2)

WEATHER clear above - thick fog WIND nil

DEPTH 27 fm -223 BOTTOM gravel & sand

DIRECTION OF HAUL NW CURRENT ~~ebb~~ flood

CABLE OUT AT 1100 STARTED HAULING AT 1230 TOTAL HAUL TIME 1 1/2

TOTAL POUNDAGE: Everything 1000 ; Fish 975

Total Pounds (round weight):

HALIBUT 80 (60 lbs. over 26"; 20 lbs. under 26")

number 10 (babies 7 ; chix. 2 med. ____ lge. 1)

tagged 7 ; dead — ; released not tagged 3

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 20 + ____

"Lemon" ~~(English)~~ 5 + ____

850

Other Flatfish ____ Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder 25

Long-jaw (Turbot) ____; ~~Miscellaneous~~ yellowfin 800

~~LINGCOD~~ POLLOCK ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD ____ (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 50 Skate ____; ~~Rockfish~~ Sculpin 50; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 25

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

25 starfish

\ crabs

____ Dungeness

____ box

____

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: - long tear from top to mouth,
- one ring torn & others.

56°25' 164°47' → 56°23' 164°56'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/8/47 HAUL NO. 29 (1)

WEATHER cloudy - vis good. WIND nil

DEPTH 47 — 49 fms. BOTTOM green mud

DIRECTION OF HAUL SW CURRENT ~~nil~~

CABLE OUT AT 355 STARTED HAULING AT 600 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 500 ; Fish 200

Total Pounds (round weight):

HALIBUT 8 (8 lbs. over 26"; — lbs. under 26")

number 1 (babies ____; chix. 1 med. ____ lge. ___)

tagged 1 ; dead — ; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 10 + ____

Lemon (English) ____ + ____

Other Flatfish 60 Rex (Witch) ____ + ____; ~~Dover (Slime)~~ Starry Flounder 15 + ____

Sand Sole ____; C.O. Sole ____ Flounder ____

Long-jaw (Turbot) 25 ; ~~Miscellaneous~~ yellowfin 20

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 100 (25 lbs. over 16" 75 lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____ Over 3# ____

MISC. FISH 25 Skate 15 ; ~~Rockfish~~ Scorp 10 ; Blackcod Under 3# ____

Hake ____ ; Eelpout - 2

Invertebrates 290

Miscellaneous ____

TIME SORTING HAUL 10 min.

MISCELLANEOUS INVERTEBRATES

10 starfish

55 crabs

10 ~~Dungeness~~ Tanner

5 "box"?

40 KING 5 ♂

20 basket stars

___ brittle stars

___ clams

___ nudibranchs

___ octopus

___ scallops

___ sea anemones

___ sea cucumbers

___ sea pens

5 sea urchins

___ snails

___ sponges

___ squids

200 gastropod shells (some with hermit crabs)

___

___

MISCELLANEOUS

___ kelp

___ grass

___ mud

___ sand

___ gravel

___ boulders

___ debris

___

___

___

bottom temp surface air

1.65 °C

10.1 °C

9.8 °C

GENERAL REMARKS:

56°25' 164°44' → 56°28' 164°34'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/8/47 HAUL NO. 30 (2)

WEATHER Cloudy - clearing WIND nil

DEPTH 48 fm BOTTOM green mud + sand.

DIRECTION OF HAUL NE CURRENT Good

CABLE OUT AT 2:15 STARTED HAULING AT 9:00 TOTAL HAUL TIME 1 3/4 hrs.

TOTAL POUNDAGE: Everything 400 ; Fish 35

Total Pounds (round weight):

HALIBUT 2 (_____lbs. over 26"; _____lbs. under 26")

number_____(babies_____; chix._____ med._____ lge.___)

tagged_____; dead_____; released not tagged_____

SOLE, principal comm. species _____ (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole _____ + _____

Lemon (English) _____ + _____

Other Flatfish 10 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole_____ Starry Flounder _____

Long-jaw (Turbot) _____; ~~Miscellaneous~~ Yellowfin 10

~~LINGCOD~~ Pollack 10 (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 25 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____ Over 3#_____

MISC. FISH 6 Skate 5; Rockfish_____; Blackcod Under 3#_____

Hake _____; Eelpout 3

Invertebrates 335

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

____ starfish

25 crabs

2 ~~Dungeness~~ Tanner

____ box

23 King 20"

10 basket stars

1 brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

1 sea urchins

____ snails

____ sponges

____ squids

300 gastropod shell

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

56°29' 164°15' → 56°30' 164°8'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/8/47 HAUL NO. 31 (3)

WEATHER Cloudy - good vis. WIND nil

DEPTH 47 BOTTOM mud.

DIRECTION OF HAUL NE CURRENT flood

CABLE OUT AT 1035 STARTED HAULING AT 1145 TOTAL HAUL TIME 1 hr 10 min.

TOTAL POUNDAGE: Everything 500; Fish 100

Total Pounds (round weight):

HALIBUT _____ (_____lbs. over 26"; _____lbs. under 26")

number_____(babies_____; chix._____ med._____ lge.___)

tagged_____; dead_____; released not tagged_____

SOLE, principal comm. species _____ (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole 10 + _____

Lemon (English) _____ + _____

Other Flatfish 50 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole_____ Starry Flounder _____

Long-jaw (Turbot) 25; ~~Miscellaneous~~ yellowfin 15

~~LINGCOD~~ Pollock 25 (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 25 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate_____; Rockfish_____; Blackcod Over 3#_____ Under 3#_____

Hake _____; _____

Invertebrates 400

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

90 crabs

10 Tanner

_____ Dungeness

_____ box

80 KING 8

10 basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

100 jellyfish

300 gastropod shell

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

1 eulachon

58°35' 163°53' → 58°36' 165°48'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/8/47 HAUL NO. 32 (48)

WEATHER fine clear WIND nil

DEPTH 45 fm BOTTOM mud

DIRECTION OF HAUL NE CURRENT ebb

CABLE OUT AT 1310 STARTED HAULING AT 1426 TOTAL HAUL TIME 1 hr 15 m

TOTAL POUNDAGE: Everything 1500 ; Fish 1330

Total Pounds (round weight):

HALIBUT ~~_____~~ (_____lbs. over 26"; _____lbs. under 26")

number_____(babies_____; chix._____ med._____ lge.___)

tagged_____; dead_____; released not tagged_____

SOLE, principal comm. species _____ (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole _____ + _____

Lemon ~~(English)~~ 25 + _____

Other Flatfish 150

Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole_____ Starry Flounder _____

Long-jaw (Turbot) 10 ; ~~Miscellaneous~~ Yellowfin 65

~~LINGCOD~~ Pollack 1000 (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 200 (150 lbs. over 16" 50 lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH 11 Skate 1 ; ~~Rockfish~~ Sculpins 10 ; Blackcod Over 3#_____ Under 3#_____

Hake _____; _____

Invertebrates 170

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

5 starfish

110 crabs

10 Tanner ~~Dungeness~~

____ box

100 King 1 ♂

5 basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

50 scyphozoa

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

56°36' 163°47' → 56°59' 163°39'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/8/47 HAUL NO. 33 (87)

WEATHER cloudy ~~rain~~, decreasing WIND mod

DEPTH 45 → 45 fm. BOTTOM sand

DIRECTION OF HAUL NE CURRENT slt

CABLE OUT AT 1500 STARTED HAULING AT 1640 TOTAL HAUL TIME 1 hr 40 min

TOTAL POUNDAGE: Everything 17000 ; Fish 16000

Total Pounds (round weight):

HALIBUT 70 (____lbs. over 26"; ____lbs. under 26")

number____(babies____; chix.____ med.____ lge.___)

tagged____; dead____; released not tagged____

SOLE, principal comm. species _____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ____ + ____

Other Flatfish 120 Lemon ~~(English)~~ 10 + ____

Rex (Witch) ____ + ____; ~~Dover (Slime)~~ Flathead 10 + ____

Sand Sole ____; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) ____; ~~Miscellaneous~~ Yellowfin 100

~~Lingcod~~ Pollack 1300 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 200 (175 lbs. over 16" 25 lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate____; Rockfish____; Blackcod Over 3#____ Under 3#____

Hake ____; ____

Invertebrates 85

Miscellaneous ____

TIME SORTING HAUL 10 min.

MISCELLANEOUS INVERTEBRATES

10 starfish

70 crabs

____ Dungeness

2 box

70 King 7 ♂

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

5 Conchs

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

K & E

56°37' 163°30' → 56°40' 163°20'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 6/8/47 HAUL NO. 34 (6)

WEATHER Cloudy - vis 20 mi WIND nil

DEPTH 44 - 42 BOTTOM sand

DIRECTION OF HAUL NE CURRENT nil

CABLE OUT AT 1730 STARTED HAULING AT 1900 TOTAL HAUL TIME 1 1/2 hrs

TOTAL POUNDAGE: Everything 1500; Fish 1300

Total Pounds (round weight):

HALIBUT 0 (____lbs. over 26"; ____lbs. under 26")

number____(babies____; chix.____ med.____ lge.__)

tagged____; dead____; released not tagged____

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 10 + ____

Other Flatfish 235 "Lemon ~~(English)~~ 10 + ____

Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) 15; ~~Miscellaneous~~ Yellowfin 200

~~Lingcod~~ Pollock 1000 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 100 (75 lbs. over 16" 25 lbs. under 16")

DOGFISH ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 5 Skate____; ~~Rockfish~~ Sanguin 5; Blackcod Over 3#____ Under 3#____

Hake ____; ____

Invertebrates 210

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

5 starfish

205 crabs

____ Dungeness

5 box

200 King 24

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: [illegible]

56°40' 163°20' → 56°42' 163°12'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/18/47 HAUL NO. 35 (9)

WEATHER cloudy - vis 40 m. WIND mod

DEPTH 42 BOTTOM sand

DIRECTION OF HAUL NE CURRENT slight

CABLE OUT AT 1930 STARTED HAULING AT 2100 TOTAL HAUL TIME 1 ½ hr.

TOTAL POUNDAGE: Everything 2500; Fish 2400

Total Pounds (round weight):

HALIBUT 0 (____ lbs. over 26"; ____ lbs. under 26")

number ____ (babies ____; chix. ____ med. ____ lge. ___)

tagged ____; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 50 + ____

Lemon (~~English~~) 25 + ____

Other Flatfish 600 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 25; ~~Miscellaneous~~ Yellowfin 500

~~POLLACK~~ ~~LINGCOD~~ 1200 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 600 (500 lbs. over 16" 100 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH ____ Skate 1; ~~Rockfish~~ Sculpin ____; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 100

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

100 crabs

10 ~~Dungeness~~ Tanner

_____ box

~~90~~ King 100's

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: ~~gray~~cod of unusually large size.

56° 39' 163° 9' → 56° 42' 163° 0'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/9/47 HAUL NO. 36 (1)

WEATHER Cloudy WIND nil

DEPTH 43 — fm BOTTOM Grey sand

DIRECTION OF HAUL NE CURRENT cob

CABLE OUT AT 400 STARTED HAULING AT 600 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 1875 ; Fish 1265

Total Pounds (round weight):

HALIBUT 5 (____ lbs. over 26"; 5 lbs. under 26")

number 1 (babies 1 ; chix. ____ med. ____ lge. ____)

tagged 1 ; dead ____ ; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____ ; Rock Sole ____ + ____

Lemon (English) ____ + ____

Other Flatfish 1000 Rex (Witch) ____ + ____ ; ~~Dover (Slime)~~ Flathead 25 + ____

Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 25 ; ~~Miscellaneous~~ Yellowfin 950

~~LINGCOD~~ Pollack 200 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 50 (____ lbs. over 16" ____ lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 10 Skate 10 ; Rockfish ____ ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; ____

Invertebrates 610

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

50 starfish

550 crabs

50 ~~Dungeness~~ Tanner

____ box

500 King 61

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

10 conch

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

dragging rate at 190 rpm (previous drags at 220)

53°42' 163°0' → 53°45' 162°50'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/9/47 HAUL NO. 37 (2)

WEATHER Cloudy - vis good WIND ne → sw 2 mph.

DEPTH 42 - 41 fm BOTTOM gr. sand

DIRECTION OF HAUL NE CURRENT ebb

CABLE OUT AT 6 50 STARTED HAULING AT 8 10 TOTAL HAUL TIME 1 hr 40 min

TOTAL POUNDAGE: Everything 2800 ; Fish 2370

Total Pounds (round weight):

HALIBUT 0 (____ lbs. over 26"; ____ lbs. under 26")

number ____ (babies ____; chix. ____ med. ____ lge. ___)

tagged ____; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ____ + 10

"Lemon" (~~English~~) 50 + ____

Other Flatfish 2075 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 15 ; ~~Miscellaneous~~ Yellowfin 2000

~~LINGCOD~~ Pollock 200 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 125 (100 lbs. over 16" 25 lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 45 Skate 25 ; ~~Rockfish~~ Sculpin 20 ; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 430

Miscellaneous ____

TIME SORTING HAUL 30 min

MISCELLANEOUS INVERTEBRATES

25 starfish

400 crabs

50 Tanner ~~Dungeness~~

5 box

350 King 56

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

56°45' 162°50' → 56°47' 162°41'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 6/9/47 HAUL NO. 38 (3)

WEATHER cloudy WIND SW 2-4

DEPTH 41 - 39 fm BOTTOM grey sand

DIRECTION OF HAUL NE CURRENT ~~slt~~ 5-4

CABLE OUT AT 850 STARTED HAULING AT 1095 TOTAL HAUL TIME 1 hr 3/4

TOTAL POUNDAGE: Everything 3000; Fish 2670

Total Pounds (round weight):

HALIBUT 0 (____lbs. over 26"; ____lbs. under 26")

number____(babies____; chix.____ med.____ lge.___)

tagged____; dead____; released not tagged____

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 50 + ____

Lemon (~~English~~) 200 + ____

Other Flatfish 2100 Rex (Witch) ____ + ____; ~~Dover (Slime)~~ Flathead 50 + ____

Sand Sole ____; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) 50; ~~Miscellaneous~~ Yellowfin 1750

~~LINGCOD~~ Dolly 300 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 200 (175 lbs. over 16" 25 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 100 Skate 25; ~~Rockfish~~ Sculpins 75; Blackcod Over 3#____ Under 3#____

Hake ____; ____

Invertebrates 330

Miscellaneous ____

TIME SORTING HAUL 30 min

MISCELLANEOUS INVERTEBRATES

10 starfish

320 crabs

10 Tanner ~~Dungeness~~

10 box

300 (42) 415' 1♀ King

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

56°47' 162°41' → 56°49' 162°34'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/9/47 HAUL NO. 39 (4)

WEATHER Cloudy - vis 20 - WIND nil

DEPTH 39 - 41 BOTTOM grey sand

DIRECTION OF HAUL NE CURRENT fl

CABLE OUT AT 1115 STARTED HAULING AT 1245 TOTAL HAUL TIME 1 1/2 hr

TOTAL POUNDAGE: Everything 2300 ; Fish 2000

Total Pounds (round weight):

HALIBUT 10 (____ lbs. over 26"; 10 lbs. under 26")

number 2 (babies 2 ; chix. ____ med. ____ lge. ____)

tagged 2 ; dead — ; released not tagged —

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____ ; Rock Sole 25

Lemon (English) 50 + ____

Other Flatfish 1500 Rex (Witch) ____ + ____ ; ~~Dover (Slime)~~ Flathead 25 + ____

Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 10 ; ~~Miscellaneous~~ Yellowfin 1400

~~LINGCOD~~ Pollack 200 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 200 (____ lbs. over 16" ____ lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 75 Skate 25 ; ~~Rockfish~~ Sculpins 50 ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; ____

Invertebrates 325

Miscellaneous ____

TIME SORTING HAUL 20 min

MISCELLANEOUS INVERTEBRATES

1.0 starfish

325 crabs

25 ~~Dungeness~~ Tanner

____ box

300 King 40 ♂ 1 ♀

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

56° 49' 162° 34' → 56° 52' 162° 25'

HAUL SHEETS

TRIP 1 BOAT ALASKA.

DATE 8/9/47 HAUL NO. 40 (5)

WEATHER cloudy WIND calm

DEPTH 41 → 41 fms. BOTTOM grey sand

DIRECTION OF HAUL NE CURRENT flood

CABLE OUT AT 1335 STARTED HAULING AT 1505 TOTAL HAUL TIME 1½ hr.

TOTAL POUNDAGE: Everything 11000; Fish 1000

see over

Total Pounds (round weight):

HALIBUT 0 (____lbs. over 26"; ____lbs. under 26")

number____(babies____; chix.____ med.____ lge.___)

tagged____; dead____; released not tagged____

SOLE, principal comm. species _____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ____ + ____

Lemon (English) ____ + ____

Other Flatfish _____ Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole _____; C.O. Sole____ Starry Flounder _____

Long-jaw (Turbot) _____; Miscellaneous _____

LINGCOD _____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD _____ (____lbs. over 16" ____lbs. under 16")

DOGFISH _____ (cans of liver ____)

RATFISH _____ Over 3#____

MISC. FISH _____ Skate____; Rockfish____; Blackcod Under 3#____

Hake ____; Seaperches - 1

Invertebrates _____

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____ King 46

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

10,000 mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: The large amt of mud in this drag made hauling it so difficult, that after 1 split, the remainder was allowed to escape.

46 King crabs (2♀) were brought up in the split, and the proportions of other fish in this haul were approx as in haul 38 or 39.

56°52' 162°25' 56°54' 162°17'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/9/47 HAUL NO. 41 (6)

WEATHER Cloudy WIND nil

DEPTH 41 → 45 → 43 BOTTOM Grey sand

DIRECTION OF HAUL NE CURRENT ~1.

CABLE OUT AT 1705 STARTED HAULING AT 1900 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 6000; Fish 2000

Total Pounds (round weight):

HALIBUT 4 (____lbs. over 26"; 4 lbs. under 26")

number 1 (babies 1; chix.____ med.____ lge.___)

tagged 1; dead____; released not tagged____

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 25 + ____

Lemon (~~English~~) 50 + ____

Other Flatfish 1400 Rex (Witch) ____ + ____; ~~Dover (Slime)~~ Flathead 50 + ____

Sand Sole ____; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) 25; ~~Miscellaneous~~ Yellowfin 1250

~~LINGCOD~~ Pollock 400 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 200 (150 lbs. over 16" 50 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 25 Skate____; ~~Rockfish~~ Sculpins 25; Blackcod Over 3#____ Under 3#____

Hake ____; ____

Invertebrates 4000

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

____ starfish

4010 ____ crabs

10 Dungeness

____ box

4000 King 502

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: A bacon and flag was placed at the finishing point of this drag.

56°54' 162°17' → 56°56' 162°8'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/10/47 HAUL NO. 42 C1

WEATHER cloudy - cool WIND [illegible]

DEPTH 42 fm - 345 ft BOTTOM same

DIRECTION OF HAUL NE CURRENT [illegible]

CABLE OUT AT 450 STARTED HAULING AT 630 TOTAL HAUL TIME 1 hr 40 min

TOTAL POUNDAGE: Everything 4000 ; Fish 2500

Total Pounds (round weight):

HALIBUT 0 (_____lbs. over 26"; _____lbs. under 26")

number_____(babies_____; chix._____ med._____ lge.___)

tagged_____; dead_____; released not tagged_____

SOLE, principal comm. species _____ (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole 10 + _____

Lemon ~~(English)~~ 50 + _____

Other Flatfish 1800 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole_____ Starry Flounder _____

Long-jaw (Turbot) _____; ~~Miscellaneous~~ Yellowfin _____

~~LINGCOD~~ Pollock 450 (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 200 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH 25 Skate 10 ; ~~Rockfish~~ Sculpin 15 ; Blackcod Over 3#_____ Under 3#_____

Hake _____; _____

Invertebrates 1550

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

25 starfish

1525 crabs

25 ~~Dungeness~~ Tanner

____ box

1500 King 200 ♂, 2 ♀

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: from this drag running SW to buoy

Commence drag 43 at buoy

buoy → 2 hrs WSW.
56°54' 162°17' → 56°53' 162°28'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/10/47 HAUL NO. 43 (2)

WEATHER Cloudy WIND SE - 4 mph

DEPTH 43 → 40 fm BOTTOM sand

DIRECTION OF HAUL WSW CURRENT slt

CABLE OUT AT 725 STARTED HAULING AT 920 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 5000; Fish 2000

Total Pounds (round weight):

HALIBUT 0 (____lbs. over 26"; ____lbs. under 26")

number____(babies____; chix.____ med.____ lge.__)

tagged____; dead____; released not tagged____

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 25 + ____

Lemon ~~(English)~~ 100 + ____

Other Flatfish 1500 Rex (Witch) ____ + ____; ~~Flathead~~ ~~Lover (Slime)~~ 50 + ____

Sand Sole ____; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) 25; ~~Miscellaneous~~ yellowfin 1300

~~LINGCOD~~ 300 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 200 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 10 Skate____; ~~Rockfish~~ Sculpin 10; Blackcod Over 3#____ Under 3#____

Hake ____; ____

Invertebrates 3050

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

25 starfish

3026 crabs

25 ~~Dungeness~~ TANNER

____ box

3000 King 378 (few ♀)

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: returned to buoy & commenced haul # 44

buoy → W×S
56°54' 162°17' → 56°55' 162°27'

HAUL SHEETS

TRIP 1 BOAT ALASKA.

DATE 8/10/47 HAUL NO. 44 (3)

WEATHER Cloudy WIND SE 10 mph.

DEPTH 43 → 39 fm BOTTOM gray mud

DIRECTION OF HAUL W×S CURRENT Flood

CABLE OUT AT 1025 STARTED HAULING AT 1205 TOTAL HAUL TIME 1 hr 40 min.

TOTAL POUNDAGE: Everything 3000; Fish 2200

Total Pounds (round weight):

HALIBUT 9 (9 lbs. over 26"; _____ lbs. under 26")
number 1 (babies _____; chix. 1 med. _____ lge. ___)
tagged _____; dead 1; released not tagged _____

SOLE, principal comm. species _____ (_____ lbs. over 12" + _____ lbs. under 12")
Brill (Petrale) _____ + _____; Rock Sole 15 + _____
Lemon (English) 200 + _____

Other Flatfish 1950 Rex (Witch) _____ + _____; ~~Dover (Slime)~~ 7 flathead 20 + _____
Sand Sole _____; C.O. Sole _____ Starry Flounder _____
Long-jaw (Turbot) 15; ~~Miscellaneous~~ yellowfin 16.50

~~LINGCOD~~ Pollack 200 (_____ lbs. over 3# each _____ lbs. under 3# each)

GREYCOD 100 (_____ lbs. over 16" _____ lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate _____; Rockfish _____; Blackcod Over 3# _____ Under 3# _____
Hake _____; _____

Invertebrates 40

Miscellaneous _____

TIME SORTING HAUL 20 min.

MISCELLANEOUS INVERTEBRATES

_____ starfish

~~10~~ _____ crabs

10 Tanner

_____ ~~Dungeness~~

_____ box

~~200~~ King 116

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: Operations terminated because of foul weather – (thus scow rolls like a rich cow) – high SE wind by evening changing to SW in early morning of 11th – dying out then steel heavy overall

buoy → SW 56°54' 162°17' → 56°52' 162°24'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/11/47 HAUL NO. 45 (1)

WEATHER generally cloudy WIND SW 10-15 heavy swell

DEPTH 42 → 42 fm. BOTTOM sand & mud

DIRECTION OF HAUL SW CURRENT Flood

CABLE OUT AT 9:50 STARTED HAULING AT 11 20 TOTAL HAUL TIME 1½ hrs.

TOTAL POUNDAGE: Everything 2600 ; Fish 1825

Total Pounds (round weight):

HALIBUT 25 (25 lbs. over 26"; _____ lbs. under 26")

number 1 (babies _____; chix. _____ med. 1 lge. ___)

tagged _____; dead 1 ; released not tagged _____

SOLE, principal comm. species _____ (_____ lbs. over 12" + _____ lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole 25 + _____

Lemon (~~English~~) 200 + _____

Other Flatfish 1260 Rex (Witch) _____ + _____; ~~Dover (Slime)~~ Flathead 10 + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) 25 ; ~~Miscellaneous~~ Yellowtail 1000

~~LINGCOD~~ Pelagic 400 (_____ lbs. over 3# each _____ lbs. under 3# each)

GREYCOD 100 (_____ lbs. over 16" _____ lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH 40 Skate 25 ; ~~Rockfish~~ Scalyfin 15 ; Blackcod Over 3# _____ Under 3# _____

Hake _____; _____

Invertebrates 775

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

10 starfish

____ crabs

10 ~~Dungeness~~ Tanner

5 box

750 King 125 ↑ 50 ↓

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

hwy → SW (2 hrs.)
56°54' 162°17' → 56°51' 162°25'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/11/47 HAUL NO. 46 (2)

WEATHER Cloudy, overcast WIND SW 4-5 - heavy swell

DEPTH 44 → 41 fm. BOTTOM sand + mud

DIRECTION OF HAUL SW CURRENT Flood

CABLE OUT AT 12 30 STARTED HAULING AT 14 30 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 1200 ; Fish 650

Total Pounds (round weight):

HALIBUT — (_____lbs. over 26"; _____lbs. under 26")

number_____(babies_____; chix._____ med._____ lge.___)

tagged_____; dead_____; released not tagged_____

SOLE, principal comm. species _____ (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole _____ + _____

Lemon (English) 50 + _____

Other Flatfish 525 Rex (Witch) _____ + _____; ~~Dover (Slime)~~ Flathead 10 + _____

Sand Sole _____; C.O. Sole_____ Starry Flounder _____

Long-jaw (Turbot) 15 ; ~~Miscellaneous~~ Yellowfin 450

~~LINGCOD~~ Pollock 100 (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 25 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH 1 Skate 1 ; Rockfish _____; Blackcod Over 3#_____ Under 3#_____

Hake _____; _____

Invertebrates 350

Miscellaneous 200

TIME SORTING HAUL 10 min.

MISCELLANEOUS INVERTEBRATES

10 starfish

340 crabs

10 Dungeness

5 box

325 King 48 (1♀)

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

200 mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: The bag and adjacent crab were torn badly due probably to a large ant. Mud which broke out. - Only contents found of bag were saved.

buoy – 1½ hr. NE

HAUL SHEETS 56°54' 162°17' → 56°56' 162°9'

TRIP 1 BOAT Alaska

DATE 8/11/47 HAUL NO. 47 (3)

WEATHER cloudy WIND mist – west

DEPTH 43 → 46 BOTTOM muddy sand

DIRECTION OF HAUL NE CURRENT ebb

CABLE OUT AT 1600 STARTED HAULING AT 1730 TOTAL HAUL TIME 1½

TOTAL POUNDAGE: Everything 3200 ; Fish 1700

Total Pounds (round weight):

HALIBUT — (____lbs. over 26"; ____lbs. under 26")

number____(babies____; chix.____ med.____ lge.__)

tagged____; dead____; released not tagged____

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 20

"Lemon" (~~English~~) 150 + ____

Other Flatfish 500 Rex (Witch) ____ + ____; ~~Dover (Slime)~~ Flathead 15 + ____

Sand Sole ____; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) 15 ; ~~Miscellaneous~~ Yellow 500

~~LINGCOD~~ Pollock 1000 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 1000 (500 lbs. over 16" 250 lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 10 Skate____; ~~Rockfish~~ Sculpin 10 ; Blackcod Over 3#____ Under 3#____

Hake ____; ____

Invertebrates 510

Miscellaneous —

TIME SORTING HAUL 20

MISCELLANEOUS INVERTEBRATES

10 starfish

510 crabs

10 ~~Dungeness~~ Tanner

— box

500 Kong 69

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

Survey → NE
56°54' 162°17' → 56°56' 162°8'

HAUL SHEETS

TRIP 1 BOAT ALASKA.

DATE 7/11/47 HAUL NO. 48 (4)

WEATHER Cloudy WIND mil - heavy swell

DEPTH 42 - 46 fm. BOTTOM sand + mud

DIRECTION OF HAUL NE CURRENT calc

CABLE OUT AT 1835 STARTED HAULING AT 2010 TOTAL HAUL TIME 1 3/4 hr.

TOTAL POUNDAGE: Everything 3500 ; Fish 2350

Total Pounds (round weight):

HALIBUT ____ (____lbs. over 26"; ____lbs. under 26")

number____(babies____; chix.____ med.____ lge.___)

tagged____; dead____; released not tagged____

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 15 + ____

"Lemon" ~~(English)~~ 250 + ____

Other Flatfish 1300

Rex (Witch) ____ + ____; ~~Dover (Slime)~~ Flathead 10 + ____

Sand Sole ____; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) 25 ; ~~Megalopsetta~~ Yellowfin 1000

~~LINGCOD~~ Pollack 500 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 500 (____lbs. over 16" ____lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATEFISH~~ ____

MISC. FISH 55 Skate 50 ; ~~Rockfish~~ Sculpin 5 ; Blackcod Over 3#____ Under 3#____

Hake ____; ____

Invertebrates 1155

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

100 starfish

1055 crabs

50 ~~Dungeness~~ Tanner

5 box

1000 King 131 (12 ♀)

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

bottom temp 3.22° C

GENERAL REMARKS:

buoy → NE

56°54' 162°17' → 56°57' 162°7'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 6/12/47 HAUL NO. 49 / 11

WEATHER ~~[illegible]~~, light rain WIND nil

DEPTH 41 fm. BOTTOM mud & sand

DIRECTION OF HAUL NE CURRENT pl.

CABLE OUT AT 440 STARTED HAULING AT 650 TOTAL HAUL TIME 2hrs 10 m

TOTAL POUNDAGE: Everything 3500 ; Fish 2900

Total Pounds (round weight):

HALIBUT — (____ lbs. over 26"; ____ lbs. under 26")

number ____ (babies ____; chix. ____ med. ____ lge. ____)

tagged ____; dead ____; released not tagged ____

SOLE, principal comm. species — (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 200 + ____

"Lemon" ~~(English)~~ 100 + ____

Other Flatfish 2250 — Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 50 ; ~~Miscellaneous~~ yellowfin 1900

~~LINGCOD~~ Pollack 100 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 500 (____ lbs. over 16" ____ lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 35 Skate 25 ; ~~Rockfish~~ Sculpin 10 ; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 625

Miscellaneous ____

TIME SORTING HAUL 20 m

MISCELLANEOUS INVERTEBRATES

10 starfish

615 crabs

10 ~~Dungeness~~ Tanner

5 box

600 King 81 ♂

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: – picked up buoy because of fog before this drag

– run inshore a little from end of this drag to start next.

– same general area as preceding drags. 56°55' 162°4' → 55°56' 161°54'

HAUL SHEETS

TRIP 1 BOAT ALASKA.

DATE 6/12/47 HAUL NO. 50 (2)

WEATHER foggy WIND nil

DEPTH 44 – 45 fm. BOTTOM sand + mud.

DIRECTION OF HAUL ENE CURRENT —0—

CABLE OUT AT 740 STARTED HAULING AT 955 TOTAL HAUL TIME 2hrs 15 min.

TOTAL POUNDAGE: Everything 5500 ; Fish 4200

Total Pounds (round weight):

HALIBUT 6 (6 lbs. over 26"; ____ lbs. under 26")

number 1 (babies ____; chix. 1 med. ____ lge. ____)

tagged 1 ; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 300

Lemon (English) 200 + ____

Other Flatfish 2000

Rex (Witch) ____ + ____; ~~Dover (Slime)~~ ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 50 ; Miscellaneous 1450

~~LINGCOD~~ Ronquil 1000 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 1500 (500 lbs. over 16" 1000 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 125 Skate 100 ; Sculpin ~~Rockfish~~ 25 ; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 15

Miscellaneous ____

TIME SORTING HAUL 30 min.

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

10 TANNER Dungeness

_____ box

1300 KING (90 - 150)

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

track over sand ground # 50

HAUL SHEETS 56°56' 161°54' → 58°54' 162°4'

TRIP 1 BOAT ALASKA

DATE 8/12/47 HAUL NO. 51 (3)

WEATHER cloudy - fog + mist WIND SE 4-5

DEPTH 44 - 44 f BOTTOM muddy sand

DIRECTION OF HAUL SW CURRENT S → flood

CABLE OUT AT 1050 STARTED HAULING AT 1250 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 6000; Fish 3400

Total Pounds (round ~~weight~~):

HALIBUT 17 (13 lbs. over 26"; 4 lbs. under 26")

number 3 (babies 1; chix. 2 med. ____ lge. ____)

tagged 1; dead 2; released not tagged ____

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 200 + ____

Lemon (English) 200 + ____

1400

Other Flatfish ____ Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ____; ~~Miscellaneous~~ Yellowfin 1000

~~LINGCOD~~ Pollack 1000 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 1000 (____lbs. over 16" ____lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH ____ Skate____; Rockfish____; Blackcod Over 3#____ Under 3#____

Hake ____; ____

Invertebrates 2600

Miscellaneous ____

TIME SORTING HAUL 30 min.

MISCELLANEOUS INVERTEBRATES

50 starfish

2550 crabs

50 Tanner ~~Dungeness~~

____ box

2500 King 869 - 15 ♀

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: - at end of this drag, ran back to start (a bit S) for ~~—~~ setting #52

— over approx same ground as 51

HAUL SHEETS 56°55' 161°55' → 56°51' 162°5'

TRIP 1 BOAT Alaska

DATE 8/12/47 HAUL NO. 52 (4)

WEATHER fog — rain WIND S 10 mph

DEPTH 44 ft BOTTOM sand + mud

DIRECTION OF HAUL SW x S CURRENT flood

CABLE OUT AT 1335 STARTED HAULING AT 1535 TOTAL HAUL TIME 2 hrs

TOTAL POUNDAGE: Everything 2600 ; Fish 1100

Total Pounds (round weight):

HALIBUT — (____ lbs. over 26"; ____ lbs. under 26")

number ____ (babies ____; chix. ____ med. ____ lge. ____)

tagged ____; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 75 + ____

Lemon (English) 65 + ____

Other Flatfish 500 Rex (Witch) 1 + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 10 ; Miscellaneous 350

~~LINGCOD~~ Pollack 300 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 300 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 50 Skate 25 ; ~~Rockfish~~ Sculpin 25 ; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 1500

Miscellaneous —

TIME SORTING HAUL 20 min

MISCELLANEOUS INVERTEBRATES

20 starfish

1430 crabs

15 ~~Dungeness~~ Tanner

15 box

1400 King 196 (20 ♀)

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

50 gastropod conchs

50 tunicates (ascidians)

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: ran back to beginning for next drag over same ground

same as haul 52

HAUL SHEETS 56°55' 161°55' — 56°52½' 162°4'

TRIP 1 BOAT Alaska

DATE 8/12/96 HAUL NO. 53 (5)

WEATHER fog + rain WIND S 10 mph

DEPTH 43 - 46 BOTTOM muddy sand

DIRECTION OF HAUL SW CURRENT ~~fast~~ - ~~slow~~

CABLE OUT AT 1620 STARTED HAULING AT 1820 TOTAL HAUL TIME 2 hrs

TOTAL POUNDAGE: Everything 4000 ; Fish 2150

Total Pounds (round weight):

HALIBUT 23 (15 lbs. over 26"; 8 lbs. under 26")

number 3 (babies 2; chix. ____ med. 1 lge, ____)

tagged 3; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 200 + ____

Lemon (English) 100 + ____

Other Flatfish 700

Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 10; Miscellaneous 400

~~LINGCOD~~ Rock Fish 700 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 700 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 50 ~~Skate~~ 25; Sculpin ~~Rockfish~~ 25; Blackcod Over 3# ____ Under 3# ____

Hake ____; Seaperch 1

Invertebrates 1850

Miscellaneous ____

TIME SORTING HAUL 20 min.

MISCELLANEOUS INVERTEBRATES

_____ starfish

1800 crabs

50 ~~Dungeness~~ Tanner

_____ box

1750 King 247 (30 ♀)

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

15 conchs

35 tunicates

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

took out haul 53
56°52½' 162°4' → 56°55' 161°55'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/12/47 HAUL NO. 54 (6)

WEATHER cloudy WIND S - 4 mph

DEPTH 46 - 1 BOTTOM sand

DIRECTION OF HAUL ENE CURRENT ~~ebb~~

CABLE OUT AT 1925 STARTED HAULING AT 2045 TOTAL HAUL TIME 1 hr 20 min

TOTAL POUNDAGE: Everything 2800 ; Fish 1650

Total Pounds (round weight):

HALIBUT 25 (25 lbs. over 26"; _____ lbs. under 26")

number 1 (babies _____; chix. _____ med. 1 lge. ___)

tagged 1; dead _____; released not tagged _____

SOLE, principal comm. species _____ (_____ lbs. over 12" + _____ lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole 200 + _____

Lemon (English) 100 + _____

Other Flatfish 1000 _____ Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) _____; Miscellaneous 700

~~Red~~ Cod 300 (_____ lbs. over 3# each _____ lbs. under 3# each)

GREYCOD 300 (_____ lbs. over 16" _____ lbs. under 16")

~~DOGFISH~~ _____ (cans of liver _____)

~~RATFISH~~ _____

MISC. FISH 25 Skate 15 ; ~~Rockfish~~ Sculpin 10 ; Blackcod Over 3# _____ Under 3# _____

Hake _____; _____

Invertebrates 1160

Miscellaneous _____

TIME SORTING HAUL 20 ~~—~~

MISCELLANEOUS INVERTEBRATES

_____ starfish

110 crabs

100 Tanner

_____ Dungeness

10 box

1000 King 149

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

50 Tunicates

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

56°55' 161°55' → 56°55½' 161°44'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/13/47 HAUL NO. 55 (1)

WEATHER foggy WIND calm

DEPTH 91 - 92 f BOTTOM grey sand.

DIRECTION OF HAUL ENE CURRENT slt

CABLE OUT AT 430 STARTED HAULING AT 630 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 4000; Fish 2700

Total Pounds (round weight):

HALIBUT 20 (20 lbs. over 26"; _____ lbs. under 26")

number 2 (babies _____; chix. 1 med. 1 lge. _____)

tagged 2; dead _____; released not tagged _____

SOLE, principal comm. species _____ (_____ lbs. over 12" + _____ lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole 400 + _____

Lemon (English) 100 + _____

Other Flatfish 2000

Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) 25; Miscellaneous 1500

~~LINGCOD~~ POLLACK 300 (_____ lbs. over 3# each _____ lbs. under 3# each)

GREYCOD 350 (_____ lbs. over 16" _____ lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH 50 Skate 25; ~~Rockfish~~ Sculpin 25; Blackcod Over 3# _____ Under 3# _____

Hake _____; _____

Invertebrates 300

Miscellaneous _____

TIME SORTING HAUL 30 min.

MISCELLANEOUS INVERTEBRATES

____ starfish

1300 crabs

~~2 5 Dungeness~~ Tanner

~~25~~ box

1250 King 175 (61 ♀)

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

50 tunicates

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

56°55½' 161°44' → 57°0' 161°33'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/13/47 HAUL NO. 5 6 (2)

WEATHER Cloudy - fog lifting WIND nil

DEPTH 44 BOTTOM grey - sand

DIRECTION OF HAUL NE x N CURRENT nil

CABLE OUT AT 740 STARTED HAULING AT 1025 TOTAL HAUL TIME 2 3/4 hrs.

TOTAL POUNDAGE: Everything 2500 ; Fish 1965

Total Pounds (round weight):

HALIBUT _____ (_____lbs. over 26"; _____lbs. under 26")

number_____(babies_____; chix._____ med._____ lge.___)

tagged_____; dead_____; released not tagged_____

SOLE, principal comm. species _____ (_____lbs. over 12" + _____lbs. under 12")

Other Flatfish 1500

Brill (Petrale) _____ + _____; Rock Sole 400 + _____

Lemon (English) 40 + _____

Rex (Witch) 5 + _____; ~~Dover (Slime)~~ Flathead 45 + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) 10 ; ~~Miscellaneous~~ Yellowfin 1000

~~LINGCOD~~ Rolland 300 (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 300 (_____lbs. over 16" _____lbs. under 16")

~~DOGFISH~~ _____ (cans of liver _____)

~~RATFISH~~ _____

MISC. FISH 25 Skate 15 ; ~~Rockfish~~ Surf 10 ; Blackcod Over 3#_____ Under 3#_____

Hake _____; _____

Invertebrates 585

Miscellaneous _____

TIME SORTING HAUL 20 min.

MISCELLANEOUS INVERTEBRATES

10 starfish

525 crabs

15 Tanner Dungeness

10 box

500 King 80 (6 ♀)

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

100 tunicates

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

57°0' 161°33' → 57°0' 161°43'

HAUL SHEETS

TRIP 1

BOAT Alaska

DATE 8/13/47

HAUL NO. 57 (3)

WEATHER cloudy - clearing

WIND nil

DEPTH 44 - 41 fm

BOTTOM grey sand

DIRECTION OF HAUL W SW

CURRENT S - fl

CABLE OUT AT 1055 STARTED HAULING AT 1255 TOTAL HAUL TIME 2hrs.

TOTAL POUNDAGE: Everything 3500 ; Fish 2500

Total Pounds (round weight):

HALIBUT 7 (7 lbs. over 26"; ___ lbs. under 26")

number 1 (babies ___; chix. 1 med. ___ lge. ___)

tagged 1 ; dead ___; released not tagged ___

SOLE, principal comm. species ___ (___ lbs. over 12" + ___ lbs. under 12")

Brill (Petrale) ___ + ___; Rock Sole 400 + ___

Lemon (English) 50 + ___

Other Flatfish 2000

Rex (Witch) ___ + ___; ~~Dover (Slime)~~ Flathead 25 + ___

Sand Sole ___; C.O. Sole ___ Starry Flounder ___

Long-jaw (Turbot) 25 ; Miscellaneous 1500

~~LINGCOD~~ Pollack 250 (___ lbs. over 3# each ___ lbs. under 3# each)

GREYCOD 250 (___ lbs. over 16" ___ lbs. under 16")

~~DOGFISH~~ ___ (cans of liver ___)

~~RATFISH~~ ___

MISC. FISH 25 Skate 15 ; ~~Rockfish~~ Sculpin 10 ; Blackcod Over 3# ___ Under 3# ___

Hake ___; Scapoachers - 2

Invertebrates 1010

Miscellaneous ___

TIME SORTING HAUL ___

MISCELLANEOUS INVERTEBRATES

____ starfish

1010 crabs

5 Tanner ~~Dungeness~~

5 box

1000 King crab

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

100 tunicates

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL ~~REMARKS~~: (large sea otter passed by during drag)

57°0' 161°45' → 57°0' 161°53'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/13/47 HAUL NO. 58. (14)

WEATHER Cloudy + overcast WIND nil.

DEPTH 44 - 42 BOTTOM grey sand.

DIRECTION OF HAUL ENE CURRENT flood

CABLE OUT AT 1345 STARTED HAULING AT 1530 TOTAL HAUL TIME 1 3/4 hr.

TOTAL POUNDAGE: Everything 5000; Fish 4000

Total Pounds (round weight):

HALIBUT 10 (10 lbs. over 26"; ____ lbs. under 26")

number 1 (babies ____; chix. 1 med. ____ lge. ____)

tagged 1; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 500 + ____

Lemon (English) 50 + ____

Other Flatfish 3500 Rex (Witch) ____ + ____; ~~Dover (Slime)~~ Flathead 25 + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 25; ~~Miscellaneous~~ Yellowfin 2900

LINGCOD ~~300~~ (100 lbs. over 3# each 200 lbs. under 3# each)

GREYCOD 200 (____ lbs. over 16" ____ lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 10 Skate 1; ~~Rockfish~~ Sculpin 10; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 960

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

____ starfish

910 crabs

5 ~~Dungeness~~ Tanner

5 box

900 King 132 (few ♀)

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

50 tunicates

____

____

MISCELLANEOUS

* ____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

57° 0' 161° 34' → 57° 0' 161° 24'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/13/(7) HAUL NO. 59 (5)

WEATHER overcast WIND nil

DEPTH 44 - 39 fm. BOTTOM sand

DIRECTION OF HAUL ENE CURRENT flood

CABLE OUT AT 1620 STARTED HAULING AT 1820 TOTAL HAUL TIME 2hrs.

TOTAL POUNDAGE: Everything 4000; Fish 3380

Total Pounds (round weight):

HALIBUT 103 (91 lbs. over 26"; 12 lbs. under 26")

number 8 (babies 3; chix. 2 med. 3 lge.)

tagged 7; dead —; released not tagged 1

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 400 + ____

Lemon (English) 50 + ____

Other Flatfish 2000 Rex (Witch) ____ + ____; ~~Dover (Slime)~~ Flathead 25 + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 25; ~~Miscellaneous~~ Yellowfin 1000

~~LINGCOD~~ Rockfish 500 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 1000 (500 lbs. over 16" 500 lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate ____; Rockfish ____; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 620

Miscellaneous ____

TIME SORTING HAUL 20 min

MISCELLANEOUS INVERTEBRATES

____ starfish

520 crabs

10 ~~Dungeness~~ Tanner

10 box

500 King 85 (10 ♀)

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

100 Tunicates (on web)

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: Adult Coho Salmon 47.3 cm released alive -

56°56' 161°39' → 56°54' 161°47'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/13/47 HAUL NO. 60 (6)

WEATHER overcast WIND mil

DEPTH 43 - 40 BOTTOM grey sand

DIRECTION OF HAUL SW CURRENT ebb

CABLE OUT AT 1920 STARTED HAULING AT 2045 TOTAL HAUL TIME 1 1/2 hrs.

TOTAL POUNDAGE: Everything 1500 ; Fish 850

Total Pounds (round weight):

HALIBUT 6 (6 lbs. over 26"; _____ lbs. under 26")

number 1 (babies _____; chix. 1 med. _____ lge. ___)

tagged 1 ; dead _____; released not tagged _____

SOLE, principal comm. species _____ (_____ lbs. over 12" + _____ lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole 200 + _____

Lemon (English) 25 + _____

Other Flatfish 450

Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) 25 ; ~~Miscellaneous~~ Jellyfish 200

~~LINGCOD~~ Pollack 100 (_____ lbs. over 3# each _____ lbs. under 3# each)

GREYCOD 300 (_____ lbs. over 16" _____ lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH 25 Skate ~ ; ~~Rockfish~~ Sculpin 25 ; Blackcod Over 3# _____ Under 3# _____

Hake _____; _____

Invertebrates 650

Miscellaneous _____

TIME SORTING HAUL 15 mm

MISCELLANEOUS INVERTEBRATES

_____ starfish

500 crabs

225 Tanner Dungeness

25 box

250 King 41 (12)

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

50 tunicates

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

56°49' 161°45' → 56°51' 161°58'

HAUL SHEETS

TRIP 1 BOAT ALASKA.

DATE 8/14/87 HAUL NO. 61 (1)

WEATHER overcast - drizzle WIND mild

DEPTH 44-38 fm. BOTTOM sand.

DIRECTION OF HAUL NE CURRENT flood

CABLE OUT AT 340 STARTED HAULING AT 515 TOTAL HAUL TIME 1½ hrs.

TOTAL POUNDAGE: Everything 2000 ; Fish 1375

Total Pounds (round weight):

HALIBUT 25 (18 lbs. over 26"; 7 lbs. under 26")
number 3 (babies 2 ; chix. ____ med. 1 lge. ____)
tagged 1 ; dead ____; released not tagged 2

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole 250 + ____
Lemon (English) 50 + ____

Other Flatfish 1100
Rex (Witch) 3 + ____; Dover (Slime) ____ + ____
Sand Sole ____; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) ____; ~~Miscellaneous~~ Yellowfin 800

~~LINGCOD~~ Pollock 100 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 150 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 25 Skate 15 ; Sculpin ~~Rockfish~~ 10 ; Blackcod Over 3#____ Under 3#____
Hake ____; ____

Invertebrates 625

Miscellaneous ____

TIME SORTING HAUL 20 min

MISCELLANEOUS INVERTEBRATES

25 starfish

600 crabs

100 ~~Dungeness~~ Tanner

100 box

400 King 57 (0♀)

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: run SW 15 min to drop net on right hand

58°49' 161°41' → 56°46' 161°49'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/14/47 HAUL NO. 62 (2)

WEATHER overcast - drizzle WIND mod

DEPTH 42 - 47 BOTTOM sand

DIRECTION OF HAUL SW x S CURRENT ebb

CABLE OUT AT 600 STARTED HAULING AT 800 TOTAL HAUL TIME 2 hrs

TOTAL POUNDAGE: Everything 4000; Fish 3200

Total Pounds (round weight):

HALIBUT 40 (36 lbs. over 26"; 4 lbs. under 26")

number 3 (babies 1; chix. 1 med. 1 lge.)

tagged 2; dead ; released not tagged 1

SOLE, principal comm. species (lbs. over 12" + lbs. under 12")

Brill (Petrale) + ; Rock Sole 1000 + 1000

Lemon (English) 50 +

Other Flatfish 2600

Rex (Witch) + ; Dover (Slime) +

Sand Sole ; C.O. Sole Starry Flounder

Long-jaw (Turbot) 50 ; ~~Miscellaneous~~ Yellowfin 1500

~~LINGCOD~~ Pollack 400 (lbs. over 3# each lbs. under 3# each)

GREYCOD 100 (lbs. over 16" lbs. under 16")

DOGFISH (cans of liver)

RATFISH

MISC. FISH 75 Skate 50; ~~Rockfish~~ Sculpin 25; Blackcod Over 3# Under 3#

Hake ;

Invertebrates 800

Miscellaneous

TIME SORTING HAUL 30 m

MISCELLANEOUS INVERTEBRATES

_____ starfish

7 10 crabs

10 ~~Dungeness~~ Tanner

100 box

600 King 92

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

100 sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: One baby halibut 54.4 cm released alive untagged.

56°46' 161°49' → 56°42' 161°58'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/14/47 HAUL NO. 63 (3)

WEATHER overcast WIND nil

DEPTH 47 fm. BOTTOM sand.

DIRECTION OF HAUL SW XS CURRENT cert

CABLE OUT AT 830 STARTED HAULING AT 1030 TOTAL HAUL TIME 2 hrs

TOTAL POUNDAGE: Everything 800; Fish 700

Total Pounds (round weight):

HALIBUT 43 (43 lbs. over 26"; — lbs. under 26")

number 2 (babies ____; chix. ____ med. 2 lge. ____)

tagged 2; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 65 + ____

Lemon (English) 10 + ____

Other Flatfish 200

Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 25; ~~Miscellaneous~~ Yellowfin 100

~~LINGCOD~~ Pollack 300 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 100 (____ lbs. over 16" ____ lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 25 Skate 15; ~~Rockfish~~ Sculpin 10; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 110

Miscellaneous ____

TIME SORTING HAUL 10 m

MISCELLANEOUS INVERTEBRATES

_____ starfish

85 crabs

_____ ~~Dungeness~~ Tanner

25 box

60 King 9 ♂

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

25 sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

56°42' 161°58' → 56°40' 162°4'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/14/47 HAUL NO. 64 (4)

WEATHER overcast - rain squalls WIND mod

DEPTH 47-36 fm. BOTTOM sand

DIRECTION OF HAUL SW x S CURRENT slack

CABLE OUT AT 11.10 STARTED HAULING AT 1230 TOTAL HAUL TIME 1h 20m.

TOTAL POUNDAGE: Everything 2600 ; Fish 1100

Total Pounds (round weight):

HALIBUT 12 (12 lbs. over 26"; — lbs. under 26")

number 1 (babies ____; chix. ____ med. 1 lge. ____)

tagged 1 ; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 200 + ____

Lemon (English) 25 + ____

Other Flatfish 650

Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 25 ; Miscellaneous 400

~~LINGCOD~~ Pollock 300 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 100 (____lbs. over 16" ____lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 50 Skate 25 ; ~~Rockfish~~ Sculpin 25 ; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 900

Miscellaneous ____

TIME SORTING HAUL 20 min.

MISCELLANEOUS INVERTEBRATES

15 starfish
850 crabs
25 Dungeness
25 box
800 King 162 (50♀)
____ basket stars
10 brittle stars
____ clams
____ nudibranchs
____ octopus
____ scallops
____ sea anemones
____ sea cucumbers
____ sea pens
____ sea urchins
____ snails
25 sponges
____ squids
____
____
____

MISCELLANEOUS

____ kelp
____ grass
____ mud
____ sand
____ gravel
____ boulders
____ debris
____
____
____

GENERAL REMARKS: Crabs / very small size.

56° 39' 162° 3' → 56° 35' 162° 09'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/14/47 HAUL NO. 65 (5)

WEATHER overcast WIND SSW - 10 mph

DEPTH 41-45 BOTTOM grey sand

DIRECTION OF HAUL SSW CURRENT S - ft

CABLE OUT AT 1300 STARTED HAULING AT 1430 TOTAL HAUL TIME 1½ hr.

TOTAL POUNDAGE: Everything 3500 ; Fish 2200

Total Pounds (round weight):

HALIBUT 3 (____ lbs. over 26"; 3 lbs. under 26")

number 1 (babies 1 ; chix. ____ med. ____ lge. ___)

tagged ____ ; dead ____ ; released not tagged 1

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Other Flatfish 1650

Brill (Petrale) ____ + ____ ; Rock Sole 500 + ____

"Lemon" ~~(English)~~ 50 + ____

Rex (Witch) ____ + ____ ; ~~Dover (Slime)~~ Flathead 50 + ____

Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 25 ; ~~Miscellaneous~~ Yellowfin 1000

LINGCOD 350 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 150 (____ lbs. over 16" ____ lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 50 Skate 30 ; ~~Rockfish~~ Sculpin 20 ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; ____

Invertebrates 1300

Miscellaneous ____

TIME SORTING HAUL 20 min.

MISCELLANEOUS INVERTEBRATES

_____ starfish

1300 crabs

40 ~~Dungeness~~ Tanner

10 box

1250 King 202 (most ♂)

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: One halibut 44.7 cm released alive untagged

56°35' 162°9' → 56°39' 161°58'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/19/97 HAUL NO. 66 (6)

WEATHER overcast - rainy WIND SW x S - 20 kt.

DEPTH 44 - 50 - 48 fm. BOTTOM sand

DIRECTION OF HAUL NE x N CURRENT flood

CABLE OUT AT 15 20 STARTED HAULING AT 17 30 TOTAL HAUL TIME 2hr 10 min

TOTAL POUNDAGE: Everything _____; Fish _____

Total Pounds (round weight):

HALIBUT _____ (_____lbs. over 26"; _____lbs. under 26")

number_____(babies_____; chix._____ med._____ lge.___)

tagged_____; dead_____; released not tagged_____

SOLE, principal comm. species _____ (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole _____ + _____

Lemon (English) _____ + _____

Other Flatfish _____ Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole_____ Starry Flounder _____

Long-jaw (Turbot) _____; Miscellaneous _____

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD _____ (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate_____; Rockfish_____; Blackcod Over 3#_____ Under 3#_____

Hake _____; _____

Invertebrates _____

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: - Trawl snarled in wheel and cut off at bag. - no fish landed.

- SW x S wind increasing to 25 mph.

ran 20 min S&W from end of #66

56°37' 162°6' → 56°39' 161°58'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/15/47 HAUL NO. 67 (1)

WEATHER black clouds WIND SSW 4 mph.

DEPTH 47 - 43 fm. BOTTOM sand

DIRECTION OF HAUL NE CURRENT ebb

CABLE OUT AT 730 STARTED HAULING AT 900 TOTAL HAUL TIME 1½ hr.

TOTAL POUNDAGE: Everything 2000 ; Fish 1400

Total Pounds (round weight):

HALIBUT ~ (____lbs. over 26"; ____lbs. under 26")

number____(babies____; chix.____ med.____ lge.__)

tagged____; dead____; released not tagged____

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 150 + ____

"Lemon" ~~(English)~~ 50 + ____

Other Flatfish 400

Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) 10 ; ~~Miscellaneous~~ Yellowfin 200

~~POLLACK~~ ~~LINGCOD~~ 700 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 250 (200 lbs. over 16" 50 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 35 Skate 25 ; ~~Rockfish~~ Sculpin 10 ; Blackcod Over 3#____ Under 3#____

Hake ____; ____

Invertebrates 615

Miscellaneous ____

TIME SORTING HAUL 15 min.

MISCELLANEOUS INVERTEBRATES

_____ starfish

615 crabs

5 Tanner ~~Dungeness~~

10 box

600 KING 131 (110♂ 130♀)

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: - crabs small - nearly all ♀

HAUL SHEETS

56°39' 161°58' → 56°37' 162°7'

TRIP 1 BOAT ALASKA

DATE 8/15/47 HAUL NO. 68 (2)

WEATHER overcast WIND SW - 5 mph.

DEPTH 45 - 49 fm. BOTTOM sand

DIRECTION OF HAUL SW CURRENT ~~slow~~

CABLE OUT AT 945 STARTED HAULING AT 1145 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 3000; Fish 1700

Total Pounds (round weight):

HALIBUT 1 (____lbs. over 26"; ____lbs. under 26")

number____(babies____; chix.____ med.____ lge.___)

tagged____; dead____; released not tagged____

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ____ 50 + ____

"Lemon" ~~(English)~~ 50 + ____

Other Flatfish 900 Rex (Witch) 10 + ____; ~~Dover (Slime)~~ Flathead 10 + ____

Sand Sole ____; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) 25; ~~Miscellaneous~~ Yellowtail 750

~~REDCOD~~ Pollock 500 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 200 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 100 Skate 100; Rockfish____; Blackcod Over 3#____ Under 3#____

Hake ____; ____

Invertebrates 1300

Miscellaneous ____

TIME SORTING HAUL 20 min.

MISCELLANEOUS INVERTEBRATES

10 starfish

1300 crabs

70 Dungeness

90 box

1200 King 234 (mostly ♀)

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

- ran 1/2 hr SW at 300 rpm (4 miles approx) to set haul #69

56°35' 162°13' → 56°32' 162°21'

HAUL SHEETS

TRIP 1 BOAT ALASKA.

DATE 8/15/47 HAUL NO. 69 (3)

WEATHER overcast WIND SW 5 - 5 mph.

DEPTH 48 - 49 BOTTOM sand

DIRECTION OF HAUL SW CURRENT 5 → head

CABLE OUT AT 1310 STARTED HAULING AT 1445 TOTAL HAUL TIME 1 ½ hrs.

TOTAL POUNDAGE: Everything 1750; Fish 1225

Total Pounds (round weight):

HALIBUT 14 (14 lbs. over 26"; — lbs. under 26")

number 1 (babies ____; chix. ____ med. 1 lge. ____)

tagged 1; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 50

"Lemon" ~~(English)~~ 15 + ____

Other Flatfish 500 Rex (Witch) ____ + ____; ~~Dover (Slime)~~ Flathead 10

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 25; ~~Miscellaneous~~ Yellowfin 450

LINGCOD 500 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 200 (____ lbs. over 16" ____ lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATEFISH~~ ____

MISC. FISH 25 Skate 25; Rockfish ____; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 525

Miscellaneous ____

TIME SORTING HAUL 20 min.

MISCELLANEOUS INVERTEBRATES

_____ starfish

525 crabs

15 ~~Dungeness~~ Tanner

10 box

500 King 61 (3 ♀)

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: (Rt. SKATES - all skates get taken in Bering Sea are Raja stellatula or the "Prickly Skate")

56°32' 162°21' to 56°35' 162°13'

HAUL SHEETS

TRIP ~~2/45/49~~ 1 BOAT ALASKA

DATE 8/15/42 HAUL NO. 70 (4)

WEATHER overcast - cloudy WIND SW x 5 - 3 mph.

DEPTH 40 - 44 fathoms. BOTTOM sand

DIRECTION OF HAUL NE CURRENT ~~fast~~ Good.

CABLE OUT AT 1520 STARTED HAULING AT 1705 TOTAL HAUL TIME 1 3/4 hrs.

TOTAL POUNDAGE: Everything 2000; Fish 1130

Total Pounds (round weight):

HALIBUT 55 (50 lbs. over 26"; 5 lbs. under 26")
number 7 (babies 2; chix. 5 med. ____ lge. ____)
tagged 6; dead —; released not tagged 1

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole 200 + ____
Lemon (English) 50 + ____

Other Flatfish 500
Rex (Witch) 2 + ____; ~~Dover (Slime)~~ Flathead 25 + ____
Sand Sole ____; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) 25; ~~Miscellaneous~~ Yellowfin 200

~~LINGCOD~~ POLLACK 200 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 300 (____lbs. over 16" · ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 75 Skate 50; ~~Rockfish~~ Sculpin 25; Blackcod Over 3# ____ Under 3# ____
Hake ____; ____

Invertebrates 870

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

10 starfish
760 crabs
200 Tanner ~~Dungeness~~
10 box
550 KING 69 (5♀)
____ basket stars
____ brittle stars
____ clams
____ nudibranchs
____ octopus
____ scallops
____ sea anemones
____ sea cucumbers
____ sea pens
____ sea urchins
____ snails
____ sponges
____ squids
100 conchs
____
____

MISCELLANEOUS

____ kelp
____ grass
____ mud
____ sand
____ gravel
____ boulders
____ debris
____
____
____

GENERAL REMARKS: ran 25 min WSW for the next drag.

-One halibut 39.2 cm released alive untagged

56°34½' 162°23' → 56°37 162°15'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 6/15/47 HAUL NO. 71 (5)

WEATHER Cloudy - rain showers WIND SW - 5 - 6.

DEPTH 45 - 46 fathoms BOTTOM gray mud

DIRECTION OF HAUL NE CURRENT none

CABLE OUT AT 1800 STARTED HAULING AT 2000 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 250 ; Fish 180

Total Pounds (round weight):

HALIBUT 17 (15 lbs. over 26"; 2 lbs. under 26")

number 2 (babies 1 ; chix. ____ med. 1 lge. ____)

tagged 1 ; dead ____ ; released not tagged 1

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____ ; Rock Sole 1.5 + ____

"Lemon" ~~(English)~~ 5 + ____

Other Flatfish 50

Rex (Witch) ____ + ____ ; Dover (Slime) ____ + ____

Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 5 ; Miscellaneous 25

~~LINGCOD~~ 25 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 50 (____ lbs. over 16" ____ lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 40 Skate 20 ; Rockfish 10 ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; ____

Invertebrates 70

Miscellaneous ____

TIME SORTING HAUL 5 min

MISCELLANEOUS INVERTEBRATES

____ starfish

50 crabs

20 ~~Dungeness~~ Tanner

____ box

30 King 40

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

20 conchs.

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: - 1 baby halibut 41 cm released & live untagged

- bag split and most of fish lost

- run 1/2 hr SW at 300 rpm. -

56°34' 162°22' → 56°37' 162°15'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/16/87 HAUL NO. 72 (1)

WEATHER Cloudy WIND wind

DEPTH 45 - 47 BOTTOM sand

DIRECTION OF HAUL NE CURRENT ~~Good~~

CABLE OUT AT 530 STARTED HAULING AT 730 TOTAL HAUL TIME 2hrs

TOTAL POUNDAGE: Everything 3000 ; Fish 1650

Total Pounds (round weight):

HALIBUT 101 (76 lbs. over 26"; 25 lbs. under 26")

number 13 (babies 6 ; chix. 5 med. 2 lge.)

tagged 9 ; dead ; released not tagged 4

SOLE, principal comm. species (lbs. over 12" + lbs. under 12")

Brill (Petrale) + ; Rock Sole 100 +

Lemon (English) 50 +

Other Flatfish 750

Rex (Witch) + ; ~~Dover (Slime)~~ Flathead 25 +

Sand Sole ; C.O. Sole Starry Flounder

Long-jaw (Turbot) 25 ; ~~Miscellaneous~~ grenadier 550

~~LINGCOD~~ Pollock 200 (lbs. over 3# each lbs. under 3# each)

GREYCOD 500 (450 lbs. over 16" 50 lbs. under 16")

~~DOGFISH~~ (cans of liver)

~~RATFISH~~

MISC. FISH 100 Skate 75 ; ~~Rockfish~~ Salmon 25 ; Blackcod Over 3# Under 3#

Hake ;

Invertebrates 1350

Miscellaneous

TIME SORTING HAUL 30 mins

MISCELLANEOUS INVERTEBRATES

____ starfish

12 50 crabs

500 Tanner ~~Dungeness~~

____ box

750 KING 105 (125)

50 basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

25 sponges

____ squids

25 Conch.

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

56°37' 162°15' → 56°40' 162°5'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/16/97 HAUL NO. 73 (2)

WEATHER overcast WIND nil

DEPTH 47 - 95 fm. BOTTOM sand

DIRECTION OF HAUL NE CURRENT S - ebb

CABLE OUT AT 840 STARTED HAULING AT 1035 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 3000; Fish 1225

Total Pounds (round weight):

HALIBUT 8 (____ lbs. over 26"; 8 lbs. under 26")
number 2 (babies 2; chix.____ med.____ lge.__)
tagged____; dead____; released not tagged 2

SOLE, principal comm. species _____ (____ lbs. over 12" + ____ lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole 45 + ____
"Lemon" ~~(English)~~ 15 + ____

Other Flatfish 500
Rex (Witch) ____ + ____; ~~Dover (Slime)~~ Flathead 25 + ____
Sand Sole _____; C.O. Sole____ Starry Flounder ____
Long-jaw (Turbot) 15; ~~Miscellaneous~~ Yellowfin 400

~~LINGCOD~~ Pelagic 200 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 500 (475 lbs. over 16" 25 lbs. under 16")

~~DOGFISH~~ _____ (cans of liver ____)

~~RATFISH~~ _____

MISC. FISH 25 Skate 25; Rockfish____; Blackcod Over 3#____ Under 3#____
Hake ____; _____

Invertebrates 1775

Miscellaneous _____

TIME SORTING HAUL 25 min.

MISCELLANEOUS INVERTEBRATES

_____ starfish

1225 crabs

1000 ~~Dungeness~~ Tanner

25 box

250 King · 110 (6 ♀)

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

56°47' 162°05' → 56°37' 162°15'

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/16/87 HAUL NO. 74 (3)

WEATHER overcast - Cloudy WIND calm

DEPTH 45 - 44 BOTTOM sand

DIRECTION OF HAUL SW CURRENT calm

CABLE OUT AT 1110 STARTED HAULING AT 1500 TOTAL HAUL TIME 1 hr 50 min.

TOTAL POUNDAGE: Everything 3000 lbs. Fish 1500 lbs.

Total Pounds (round weight):

HALIBUT 45 (30 lbs. over 26"; 15 lbs. under 26")
number 5 (babies 3; chix. 1 med. 1 lge.)
tagged 5; dead —; released not tagged —

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole 100 + ____
Lemon (English) 25 + ____

Other Flatfish 500 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____
Sand Sole ____; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) 25; Miscellaneous 650

~~LINGCOD~~ Pollack 300 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 300 (250 lbs. over 16" 50 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 50 Skate 25; ~~Rockfish~~ Sculpin 25; Blackcod Over 3#____ Under 3#____
Hake ____; ____

Invertebrates 1500

Miscellaneous ____

TIME SORTING HAUL 25 min

MISCELLANEOUS INVERTEBRATES

_____ starfish

1500 crabs

500 TANNER ~~Dungeness~~

_____ box

1000 KING 152

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: - flag buoy placed at end of the day

SW from buoy 56°37' 162°15' → 56°35' 162°23'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/16/97 HAUL NO. 75 (4)

WEATHER Overcast - cloudy WIND NNE - heavy swell

DEPTH 44 - 40 fathoms BOTTOM [illegible]

DIRECTION OF HAUL SW CURRENT [illegible]

CABLE OUT AT 1345 STARTED HAULING AT 1515 TOTAL HAUL TIME 1 1/2 hr.

TOTAL POUNDAGE: Everything 2500 ; Fish 1500

Total Pounds (round weight):

HALIBUT 50 (____lbs. over 26"; ____lbs. under 26")
number 2 (babies 2 ; chix.____ med.____ lge.___)
tagged____; dead____; released not tagged 2

SOLE, principal comm, species ____ (____lbs. over 12" + ____lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole 100#
Lemon (English) 15 + ____

Other Flatfish 900 Rex (Witch) ____ + ____; ~~Dover (Slime)~~ FLATHEAD 25 +
Sand Sole ____; C.O. Sole____ Starry Flounder ____
Long-jaw (Turbot) 25 ; ~~Miscellaneous~~ YELLOWFIN 750

~~LINGCOD~~ POLLACK 200 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 300 (200 lbs. over 16" 100 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 50 Skate 25 ; ~~Rockfish~~ SCULPIN 25 ; Blackcod Over 3#____ Under 3#____
Hake ____; ____

Invertebrates 1035

Miscellaneous ____

TIME SORTING HAUL 20 min

MISCELLANEOUS INVERTEBRATES

____ starfish

1000 crabs

300 TANNER ~~Dungeness~~

____ box

700 KING 84

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

10 sponges

____ squids

25 corals

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: Halibut tag#30092 came back in this haul and was again released alive

56°37' 162°15' -> 56°35' 162°25'

HAUL SHEETS

TRIP 1. BOAT ALASKA

DATE 7/16/47 HAUL NO. 76 (5)

WEATHER OVERCAST -- VIS. -40 MILES CLOUDY WIND NIL

DEPTH 44 - 46 fathoms. BOTTOM SANDY

DIRECTION OF HAUL SW from BUOY CURRENT FLOOD

CABLE OUT AT 1620 STARTED HAULING AT 1810 TOTAL HAUL TIME 1 hr 50 min.

TOTAL POUNDAGE: Everything 3000 ; Fish 2500

Total Pounds (round weight):

HALIBUT 24 (20 lbs. over 26"; 4 lbs. under 26")

number 3 (babies 1 ; chix. 1 med. 1 lge.)

tagged 2 ; dead — ; released not tagged 1

SOLE, principal comm. species _____ (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole 50 + _____

Lemon (English) 10 + _____

Other Flatfish 175

Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) 15 ; ~~Miscellaneous~~ YELLOWFIN 100

~~LINGCOD~~ POLLACK 1000 (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 1250 (1000 lbs. over 16" 250 lbs, under 16")

~~DOGFISH~~ _____ (cans of liver _____)

~~RATFISH~~ _____

MISC. FISH 50 Skate 25 ; ~~Rockfish~~ SCULPIN 25 ; Blackcod Over 3#_____ Under 3#_____

Hake _____; _____

Invertebrates 500

Miscellaneous _____

TIME SORTING HAUL 25 min

MISCELLANEOUS INVERTEBRATES

_____ starfish

500 crabs

50 TANNER ~~Dungeness~~

_____ box

450 KING 57 (≥ ♀)

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: One baby halibut 57.2 cm. released alive untagged.

- Drag #77 commenced from end of this haul and directed → buoy

56°35' 162°23' → 56°37' 162°15'

HAUL SHEETS

TRIP 1 BOAT ALASKY

DATE 8/16/47 HAUL NO. 77 (7)

WEATHER OVERCAST (CLOUDY) WIND NIL (HEAVY SWELL)

DEPTH 44 → 47 fathoms. BOTTOM SAND

DIRECTION OF HAUL NE TO BUOY CURRENT flood

CABLE OUT AT 1910 STARTED HAULING AT 2045 TOTAL HAUL TIME 1 hr 35 min.

TOTAL POUNDAGE: Everything 2500; Fish 1300

Total Pounds (round weight):

HALIBUT 16 (8 lbs. over 26"; 8 lbs. under 26")
number 3 (babies 2; chix. 1 med. ____ lge. ___)
tagged 2; dead ____; released not tagged 1

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole 100 + ____
Lemon (English) 25 + ____

Other Flatfish 400 Rex (Witch) ____ + ____; ~~Dover (Slime)~~ FLATHEAD 50 + ____
Sand Sole ____; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) 25; ~~Miscellaneous~~ YELLOWFIN 200

~~LINGCOD~~ POLLACK 700 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 150 (100 lbs. over 16" 50 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 25 Skate ____; ~~Rockfish~~ SCULPIN 25; Blackcod Over 3# ____ Under 3# ____
Hake ____; ____

Invertebrates 1200

Miscellaneous ____

TIME SORTING HAUL 25 min

MISCELLANEOUS INVERTEBRATES

____ starfish

1200 crabs

400 TANNER ~~Dungeness~~

/ box

800 KING 105 ♂

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: One baby halibut 50.6 cm released alive untaggled

56°39' 162°15' → 56°40' 162°5'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/17/47 HAUL NO. 78 (1)

WEATHER vis 40 miles - Overcast WIND NIL

DEPTH 45 fathoms BOTTOM gy S.

DIRECTION OF HAUL NE from Buoy CURRENT Flood

CABLE OUT AT 500 STARTED HAULING AT 700 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 1500 ; Fish 1300

Total Pounds (round weight):

HALIBUT 4 (____ lbs. over 26"; 4 lbs. under 26")

number 1 (babies 1 ; chix. ____ med. ____ lge. ___)

tagged ____; dead ____; released not tagged ✓

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 100 + ____

"Lemon" (~~English~~) 10 + ____

Other Flatfish 570

Rex (Witch) ____ + ____; ~~Dover (Slime)~~ Flathead 20 + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 25 ; ~~Miscellaneous~~ Yellowfin 400

~~LINGCOD~~ POLLACK 300 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 400 (____ lbs. over 16" ____ lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 25 Skate 25 ; Rockfish ____; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 200

Miscellaneous ____

TIME SORTING HAUL 15 min.

MISCELLANEOUS INVERTEBRATES

_____ starfish

175 crabs

25 Dungeness

_____ box

150 KING 20 (1♀)

25 basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: One baby halibut 56.6 cm released alive overboard.

Bearings

Sarichef 217°

Pavlof Pt. SSE

56°37' 162°15' — 56°40' 162°5'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/17/47 HAUL NO. 79 (2)

WEATHER OVERCAST WIND SE - 3 mph.

DEPTH 44 → 47 fathoms. BOTTOM 9/5

DIRECTION OF HAUL NE from Buoy CURRENT flood.

CABLE OUT AT 810 STARTED HAULING AT 935 TOTAL HAUL TIME 1½ hr

TOTAL POUNDAGE: Everything 1500; Fish 750

Total Pounds (round weight):

HALIBUT 9 (9 lbs. over 26"; ____ lbs. under 26")

number 1 (babies ____; chix. 1 med. ____ lge. ____)

tagged 1; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 15 + ____

"Lemon" ~~(English)~~ 5 + ____

100

Other Flatfish ____ Rex (Witch) ____ + ____; ~~Dover (Slime)~~ 7 LATHEAD ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ____; Miscellaneous 75

~~LINGCOD~~ POLLACK 450 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 200 (175 lbs. over 16" 25 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 25 Skate —; Rockfish 25; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 750

Miscellaneous ____

TIME SORTING HAUL 10 min.

MISCELLANEOUS INVERTEBRATES

____ starfish

750 crabs

____ Dungeness

____ box

750 KING 95 (29)

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

56°40' 162°5' → 56°37' 162°15'

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/17/47 HAUL NO. 80 (3)

WEATHER Overcast - rainy WIND SE breeze

DEPTH 46 - 35 fathoms. BOTTOM 945

DIRECTION OF HAUL SW → buoy → W CURRENT EBB

CABLE OUT AT 1020 STARTED HAULING AT 1200 TOTAL HAUL TIME 1 hr 40 min

TOTAL POUNDAGE: Everything 1800; Fish 1200

Total Pounds (round weight):

HALIBUT 30 (25 lbs. over 26"; 5 lbs. under 26")
number 4 (babies 1; chix. 3 med. ____ lge. ____)
tagged 4; dead —; released not tagged —

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole 100 + ____
Lemon (English) ____ + ____

Other Flatfish 350 Rex (Witch) ____ + ____; ~~Dover (Slime)~~ FLATHEAD 25 + ____
Sand Sole ____; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) 25; ~~Miscellaneous~~ YELLOWFIN 200

~~LINGCOD~~ POLLACK 400 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 400 (375 lbs. over 16" 25 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 25 Skate 15; Rockfish 10; Blackcod Over 3# ____ Under 3# ____
Hake ____; ____

Invertebrates 600

Miscellaneous ____

TIME SORTING HAUL 20 min.

MISCELLANEOUS INVERTEBRATES

_____ starfish

600 crabs

_____ Dungeness

_____ box

600 KING 710

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

Hit Buoy ½ way along drag.
56°38' 162°10' → 56°36' 162°18'

HAUL SHEETS

TRIP 1 BOAT ALASKA.

DATE 8/17/47 HAUL NO. 81 (4)

WEATHER bright - clearing WIND NIL

DEPTH 44 – 40 fathoms. BOTTOM 9 S.

DIRECTION OF HAUL SW CURRENT EBB.

CABLE OUT AT 1300 STARTED HAULING AT 1440 TOTAL HAUL TIME 1 hr 40 min

TOTAL POUNDAGE: Everything 3000; Fish 1300

Total Pounds (round weight):

HALIBUT 63 (53 lbs. over 26"; 10 lbs. under 26")
number 9 (babies 3; chix. 5 med. 1 lge.)
tagged 7; dead —; released not tagged 2

SOLE, principal comm. species _____ (_____ lbs. over 12" + _____ lbs. under 12")
Brill (Petrale) _____ + _____; Rock Sole 50 + _____
"Lemon" ~~(English)~~ 25 + _____

Other Flatfish 500
Rex (Witch) _____ + _____; ~~Dover (Slime)~~ Flathead 25 + _____
Sand Sole _____; C.O. Sole _____ Starry Flounder _____
Long-jaw (Turbot) 25; Miscellaneous 375

~~LINGCOD~~ POLLACK 350 (_____ lbs. over 3# each _____ lbs. under 3# each)

GREYCOD 300 (_____ lbs. over 16" _____ lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH 75 Skate 50; Rockfish 25; Blackcod Over 3# _____ Under 3# _____
Hake _____; _____

Invertebrates 1710

Miscellaneous —

TIME SORTING HAUL 25 min.

MISCELLANEOUS INVERTEBRATES

_____ starfish

1660 crabs

50 ~~Dungeness~~ Tanner

10 box

1600 King 200 (2♀)

50 basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

56°38' 162°10' → 56°34'55" 162°23'

HAUL SHEETS

TRIP 11

DATE 8/17/47

BOAT ALASKA

HAUL NO. 82 (5)

WEATHER bright, sunny - GRAND !!

WIND N/L

DEPTH 44 → 38

BOTTOM 945 & mud

DIRECTION OF HAUL SW

CURRENT EBB.

CABLE OUT AT 1550 STARTED HAULING AT 1830 TOTAL HAUL TIME 2 hr 40 min.

TOTAL POUNDAGE: Everything 3250; Fish 675

Total Pounds (round weight):

HALIBUT 42 (____lbs. over 26"; ____lbs. under 26")

number 4 (babies ____; chix. 2 med. 2 lge. ___)

tagged 4; dead —; released not tagged —

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 125 + ____

"Lemon" ~~(English)~~ 25 + ____

Other Flatfish 400

Rex (Witch) ____ + ____; ~~Dover (Slime)~~ Flathead 25

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 25; ~~Miscellaneous~~ Yellowfin 200

~~LINGCOD~~ POLLOCK 25 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 100 (75 lbs. over 16" 25 lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 110 Skate 100; ~~Rockfish~~ 10; Blackcod Over 3# ____

Hake ____; Under 3# ____

Invertebrates 2575

Miscellaneous ____

TIME SORTING HAUL 25 min.

MISCELLANEOUS INVERTEBRATES

_____ starfish

2575 crabs

50 Tanner ~~Dungeness~~

25 box

2500 KING 295 (4♀)

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: – buoy placed at end of this haul

1 ♀ Alaska longspur landed on deck

– in a circle around buoy #3

– Bearing on Parker MT. – SSE ½E

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/17/47 HAUL NO. 83 (6)

WEATHER highs - scattered clouds WIND nil

DEPTH 42 – 37 – 43 fm. BOTTOM 97 S.

DIRECTION OF HAUL around buoy CURRENT flood

CABLE OUT AT 1920 STARTED HAULING AT 2040 TOTAL HAUL TIME 1 hr. 20 min.

TOTAL POUNDAGE: Everything 1300; Fish 475

Total Pounds (round weight):

HALIBUT 7 (– lbs. over 26"; 7 lbs. under 26")

number 2 (babies 2; chix. ____ med. ____ lge. ____)

tagged 1; dead ____; released not tagged 1

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ____ + ____

"Lemon" ~~(English)~~ 2 + ____

Other Flatfish 250 Rex (Witch) ____ + ____; ~~Dover (Slime)~~ FLATHEAD 25 + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 25; ~~Miscellaneous~~ YELLOWFIN ____

LINGCOD 50 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 100 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 75 Skate 25; ~~Rockfish~~ SCULPIN 50; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 825

Miscellaneous ____

TIME SORTING HAUL 20 min

MISCELLANEOUS INVERTEBRATES

____	starfish
800	crabs
40	~~Dungeness~~ Tanner
10	box
750	KING 93 (2♀)
15	basket stars
____	brittle stars
____	clams
____	nudibranchs
____	octopus
____	scallops
____	sea anemones
____	sea cucumbers
____	sea pens
0.2	sea urchins
____	snails
____	sponges
____	squids
10	jellyfish
____	
____	

MISCELLANEOUS

____	kelp
____	grass
____	mud
____	sand
____	gravel
____	boulders
____	debris
____	
____	
____	

GENERAL REMARKS: One baby halibut 43.3 cm released alive untagged

set 15 min. mon from buoy

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/18/47 HAUL NO. 84 (1)

WEATHER Cloudy - calm WIND SE 20 mph

DEPTH 45 → 41 → 37 fm. BOTTOM 94 S

DIRECTION OF HAUL NW → NNE CURRENT SW → NE

CABLE OUT AT 620 STARTED HAULING AT 820 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 2000; Fish 775

Total Pounds (round weight):

HALIBUT 95 (70 lbs. over 26"; 25 lbs. under 26")
number 14 (babies 6; chix. 7 med. 1 lge. ___)
tagged 10; dead —; released not tagged 4

SOLE, principal comm. species _____ (____lbs. over 12" + ____lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole 100 + ____
Lemon ~~(English)~~ 25 + ____

Other Flatfish 450
Rex (Witch) ____ + ____; ~~Dover (Slime)~~ Flathead 50 + ____
Sand Sole ____; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) 25; ~~Miscellaneous~~ Yellowfin 250

~~LINGCOD~~ POLLACK 50 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 100 (____lbs. over 16" ____lbs. under 16")

~~DOGFISH~~ _____ (cans of liver ____)

~~RATFISH~~ _____

MISC. FISH 75 Skate 50; ~~Rockfish~~ Sculpin 25; Blackcod Over 3#____ Under 3#____
Hake ____; _____

Invertebrates 1220

Miscellaneous _____

TIME SORTING HAUL 25 min.

MISCELLANEOUS INVERTEBRATES

50 starfish
1150 crabs
40 Tanner ~~Dungeness~~
10 box
1100 KING 155
10 basket stars
_____ brittle stars
_____ clams
_____ nudibranchs
_____ octopus
_____ scallops
_____ sea anemones
_____ sea cucumbers
_____ sea pens
_____ sea urchins
_____ snails
_____ sponges
_____ squids
10 Conchs.
_____
_____

MISCELLANEOUS

_____ kelp
_____ grass
_____ mud
_____ sand
_____ gravel
_____ boulders
_____ debris
_____
_____
_____
_____

GENERAL REMARKS:

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/18/47 HAUL NO. 85 (2)

WEATHER overcast cloudy WIND SE 25 mph

DEPTH 44 - 47 - 49 fm. BOTTOM 99 S.

DIRECTION OF HAUL NE CURRENT EBB

CABLE OUT AT 950 STARTED HAULING AT 1235 TOTAL HAUL TIME 2 3/4 hrs.

TOTAL POUNDAGE: Everything 2200 ; Fish 1200

Total Pounds (round weight):

HALIBUT 12 (12 lbs. over 26"; ____ lbs. under 26")

number 1 (babies ____; chix. ____ med. 1 lge. ____)

tagged 1; dead ____; released not tagged ____

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 100 + ____

Lemon ~~(English)~~ 15 + ____

Other Flatfish 500 Rex (Witch) 5 + ____; Dover (Slime) 50 + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 30; ~~Miscellaneous~~ Yellowfin 300

~~LINGCOD~~ POLLACK 275 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 150 (100 lbs. over 16" 50 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 75 Skate 50; ~~Rockfish~~ Scorpion 25; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 991

Miscellaneous ____

TIME SORTING HAUL 25 min.

MISCELLANEOUS INVERTEBRATES

____ starfish

965 crabs

50 Tanner ~~Dungeness~~

15 box

900 KING 126

25 basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

1 sea urchins

____ snails

____ sponges

____ squids

____

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: Approx 1/3 this trawl coast when the bag split.

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 6/19/47 HAUL NO. 86 (1)

WEATHER fog, overcast. rain WIND SW 4 mph.

DEPTH 45 to 40 fm. BOTTOM 94 S.

DIRECTION OF HAUL SW CURRENT ebb → flood.

CABLE OUT AT 600 STARTED HAULING AT 830 TOTAL HAUL TIME 2 1/2 hrs.

TOTAL POUNDAGE: Everything 1000 ; Fish 500

Total Pounds (round weight):

HALIBUT 54 (45 lbs. over 26"; 9 lbs. under 26")
number 5 (babies 2 ; chix. ____ med. 3 lge. ____)
tagged 4 ; dead ____; released not tagged 1

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole 100 + ____
Lemon (English) ____ + ____

Other Flatfish 200 Rex (Witch) ____ + ____; ~~Dover (Slime)~~ Flathead 25 + ____
Sand Sole ____; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) 15 ; ~~Miscellaneous~~ Yellowfin 60

~~LINGCOD~~ Pollack 50 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 150 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 45 Skate 35 ; ~~Rockfish~~ Scorpion 10 ; Blackcod Over 3#____ Under 3#____
Hake ____; ____

Invertebrates 500

Miscellaneous ____

TIME SORTING HAUL 20 min

MISCELLANEOUS INVERTEBRATES

25 starfish

450 crabs

40 Dungeness

10 box

400 KING 52 ♂

25 basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: One body halibut 59.3 cm released alive with Tagged (badly scratched)

tacoma 86

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/19/47 HAUL NO. 87 (2)

WEATHER foxy - overcast WIND S

DEPTH 49 fathoms BOTTOM G/S.

DIRECTION OF HAUL NE CURRENT slack

CABLE OUT AT 920 STARTED HAULING AT 1125 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 2000 ; Fish 925

Total Pounds (round weight):

HALIBUT 75 (60 lbs. over 26"; 15 lbs. under 26")
number 10 (babies 6 ; chix. 3 med. 1 lge.)
tagged 4 ; dead ; released not tagged 6

SOLE, principal comm. species (lbs. over 12" + lbs. under 12")
Brill (Petrale) + ; Rock Sole 400
Lemon (English) 15 +

Other Flatfish 600
Rex (Witch) 5 + ; ~~Dover (Slime)~~ Flathead 15 +
Sand Sole ; C.O. Sole Starry Flounder
Long-jaw (Turbot) 15 ; ~~Miscellaneous~~ Yellowfin 150

~~LINGCOD~~ Pollack 100 (lbs. over 3# each lbs. under 3# each)

GREYCOD 100 (lbs. over 16" lbs. under 16")

DOGFISH (cans of liver)

RATFISH

MISC. FISH 50 Skate 35 ; ~~Rockfish~~ Sculpin 15 ; Blackcod Over 3#
Under 3#
Hake ;

Invertebrates 1075

Miscellaneous

TIME SORTING HAUL 25 min.

MISCELLANEOUS INVERTEBRATES

25 starfish

1025 crabs

25 Tanner ~~Dungeness~~

____ box

1000 King 136

25 basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/19/47 HAUL NO. 88 (3)

WEATHER overcast - drizzle WIND 5 - 3 mph

DEPTH 49 - 38 fm. BOTTOM gy S.

DIRECTION OF HAUL SW CURRENT ---

CABLE OUT AT 1230 STARTED HAULING AT 1500 TOTAL HAUL TIME 2½ hrs.

TOTAL POUNDAGE: Everything 2000 ; Fish 600

Total Pounds (round weight):

HALIBUT 40 (22 lbs. over 26"; 18 lbs. under 26")
number 7 (babies 4 ; chix. 3 med. ____ lge. ____)
tagged 5 ; dead ____; released not tagged 2

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole 200 + ____
Lemon (English) 10 + ____

Other Flatfish 400
Rex (Witch) 2 + ____; ~~Dover (Slime)~~ Flathead 15 + ____
Sand Sole ____; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) 25 ; ~~Miscellaneous~~ Yellowfin 150

~~LINGCOD~~ Rockcod 25 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 100 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 40 Skate 25 ; ~~Rockfish~~ Sculpin 15 ; Blackcod Over 3# ____ Under 3# ____
Hake ____; ____

Invertebrates 1200

Miscellaneous 200

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

500 starfish
650 crabs
40 Tanner ~~Dungeness~~
10 box
600 King ??
50 basket stars
____ brittle stars
____ clams
____ nudibranchs
____ octopus
____ scallops
____ sea anemones
____ sea cucumbers
____ sea pens
____ sea urchins
____ snails
____ sponges
____ squids
25 gastropod eggs
____
____

MISCELLANEOUS

____ kelp
____ grass
200 mud
____ sand
____ gravel
____ boulders
____ debris
____
____
____

GENERAL REMARKS:

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/19/47 HAUL NO. 89 (4)

WEATHER overcast - cloudy WIND S - 3 mph.

DEPTH 42 - 43 fm. BOTTOM 94 S.

DIRECTION OF HAUL SW CURRENT ---

CABLE OUT AT 1545 STARTED HAULING AT 1745 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 1500 ; Fish 500

Total Pounds (round weight):

HALIBUT 27 (24 lbs. over 26"; 3 lbs. under 26")
number 3 (babies 1 ; chix. 1 med. 1 lge.)
tagged 2 ; dead — ; released not tagged 1

SOLE, principal comm. species _____ (lbs. over 12" + lbs. under 12")

Other Flatfish 300
Brill (Petrale) + ; Rock Sole 100 +
Lemon (English) 10 +
Rex (Witch) 5 + ; ~~Dover (Slime)~~ Flathead 15 +
Sand Sole ; C.O. Sole Starry Flounder
Long-jaw (Turbot) 20 ; ~~Miscellaneous~~ Yellowfin 150

~~LINGCOD~~ Pollock 40 (lbs. over 3# each lbs. under 3# each)

GREYCOD 100 (80 lbs. over 16" 20 lbs. under 16")

~~DOGFISH~~ _____ (cans of liver)

~~RATFISH~~ _____

MISC. FISH 30 Skate 10 ; ~~Rockfish~~ Sculpin 20 ; Blackcod Over 3# Under 3#
Hake ;

Invertebrates 750

Miscellaneous 50

TIME SORTING HAUL 20 min.

MISCELLANEOUS INVERTEBRATES

25 starfish

900 crabs

35 ~~Dungeness~~ Tanner

15 box

850 King 109

25 basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

50 mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

One halibut 52.9 cm. released alive untagged

GENERAL REMARKS:

Pavlov SEXS 1/2 5.
Sarichef 219°

[Run NE 1 hr at 400 rpm
for next drag]

HAUL SHEETS

TRIP 1 BOAT ALASKA

DATE 8/19/97 HAUL NO. 90 (51)

WEATHER overcast WIND nil

DEPTH 49 f. BOTTOM gy S.

DIRECTION OF HAUL NE CURRENT

CABLE OUT AT 1900 STARTED HAULING AT 2110 TOTAL HAUL TIME 1 h 40 m

TOTAL POUNDAGE: Everything 1800 ; Fish 400

Total Pounds (round weight):

HALIBUT 20 (17 lbs. over 26"; 3 lbs. under 26")
number 2 (babies 1 ; chix. ____ med. 1 lge. ___)
tagged 1 ; dead ____; released not tagged 1

SOLE, principal comm. species ____

Other Flatfish 200

(____lbs. over 12" + ____lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole 40 + ____
Lemon (English) 15 + ____
Rex (Witch) 2 + ____; ~~Dover (Slime)~~ Flathead 20 + ____
Sand Sole ____; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) 25 ; ~~Miscellaneous~~ Yellowfin 100

~~LINGCOD~~ Pollock 50 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 100 (80 lbs. over 16" 20 lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH 35 Skate 20 ; ~~Rockfish~~ Sculpin 15 ; Blackcod Over 3# ____ Under 3# ____
Hake ____; ____

Invertebrates 1400

Miscellaneous ____

TIME SORTING HAUL 25 min.

MISCELLANEOUS INVERTEBRATES

400 starfish

900 crabs

40 ~~Dungeness~~ Tanner

10 box

850 King 110 (2♀)

50 basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

50 Conchs

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: [illegible] ½ [illegible] NE at 400 [illegible] to drop hook.

(one baby halibut 54.0 cm released alive untagged)
(malformed tail in this baby)

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/20/47 HAUL NO. 91 [illegible]

WEATHER heavy fog - overcast WIND SxW 10 mph.

DEPTH 42-37 BOTTOM gyS

DIRECTION OF HAUL SW CURRENT [illegible]

CABLE OUT AT 350 STARTED HAULING AT 630 TOTAL HAUL TIME 2hr 40 —

TOTAL POUNDAGE: Everything 1800 lbs; Fish 440 lbs.

Total Pounds (round weight):

HALIBUT 25 (16 lbs. over 26"; 9 lbs. under 26")

number 5 (babies 3; chix. 2 med. ____ lge. ____)

tagged 3; dead —; released not tagged 2

SOLE, principal comm. species ____ (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 100 + ____

Lemon (English) 25 + ____

Other Flatfish 250 Rex (Witch) 2 + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 25; ~~Miscellaneous~~ Yellowfin 100

~~LINGCOD~~ Pollack 25 (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 100 (75 lbs. over 16" 25 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 40 Skate 25; ~~Rockfish~~ Sculpin 10; Blackcod Over 3# ____ Under 3# ____

Hake ____; Seapoachers 5

Invertebrates 1360

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

25 starfish

1310 crabs

300 ~~Dungeness~~ Tanner

25 box

1000 KING 142

25 basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: Two baby halibut 48.5 cm, 46.5 cm } released alive untagged

* Recovered Buoy #3 (which had been lost) at end of this day.

HAUL SHEETS

TRIP 1 BOAT Alaska

DATE 8/20/47 HAUL NO. 92 (2)

WEATHER overcast - cloudy WIND SSE 15 mph

DEPTH 46 fm. BOTTOM gy s.

DIRECTION OF HAUL NExN CURRENT flood.

CABLE OUT AT 730 STARTED HAULING AT 950 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 1000; Fish 500

Total Pounds (round weight):

HALIBUT 10 (5 lbs. over 26"; 5 lbs. under 26")

number 3 (babies 2; chix. 1 med. ____ lge. ___)

tagged 1; dead ____; released not tagged 2

SOLE, principal comm. species ____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole 50 + ____

Lemon (English) 25 + ____

Other Flatfish 275 Rex (Witch) 5 + ____; ~~Dover (Slime)~~ Flathead 20 + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 15; ~~Miscellaneous~~ Yellowfin 150

~~LINGCOD~~ Pollock 100 (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 100 (75 lbs. over 16" 25 lbs. under 16")

~~DOGFISH~~ ____ (cans of liver ____)

~~RATFISH~~ ____

MISC. FISH 25 Skate 15; ~~Rockfish~~ 10; Blackcod Over 3#____ Under 3#____

Hake ____; ____

Invertebrates 500

Miscellaneous ____

TIME SORTING HAUL 15 min

MISCELLANEOUS INVERTEBRATES

15 starfish

485 crabs

25 ~~Dungeness~~ Tanner

10 box

450 KING (55)

____ basket stars

____ brittle stars

✓ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS: Two baby halibut 51.0 cm, 39.5 cm } released alive untagged

- One wing torn off and wire rope broken in this haul

- Course 5E x 2 → Port Moller.

HAUL SHEETS

TRIP I 56° 29' BOAT M.S. Alaska

DATE Aug 23/47 162° 3' (Long) HAUL NO. 93

WEATHER Clear WIND N.E. x E.

DEPTH 44 - 51 BOTTOM Gray Sand

DIRECTION OF HAUL N.E. CURRENT Flood (SW → NE

CABLE OUT AT 10:20 AM. STARTED HAULING AT 12:10 TOTAL HAUL TIME 1h. 50 min.

TOTAL POUNDAGE: Everything 2500 ; Fish 1600

Total Pounds (round weight):

HALIBUT 10 (10 lbs. over 26"; _____ lbs. under 26")

number 1 (babies _____; chix. _____ med. 1 lge. _____)

tagged 1 ; dead _____; released not tagged _____

SOLE, principal comm. species _____ (_____ lbs. over 12" + _____ lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole ✓ + _____

Lemon (English) ✓ + _____

Other Flatfish 1000 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) ✓ ; Miscellaneous Yellowfin 800

Flat head sole

LINGCOD _____ (_____ lbs. over 3# each _____ lbs. under 3# each)

GREYCOD 300 (_____ lbs. over 16" _____ lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____ Over 3# _____

MISC. FISH _____ Skate 10 ; Rockfish _____; Blackcod Under 3# _____

Hake _____; pollock = 300, sculpins - few.

Invertebrates Crabs 900 lbs. - (97 crabs).

Miscellaneous stem + jelly-fish.

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

____ starfish

Tanner crabs

____ Dungeness

✓ box

____

____ basket stars

✓ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

✓ sea cucumbers

____ sea pens

✓ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

HAUL SHEETS

TRIP I approx 56°32' BOAT alaska

DATE Aug 23 /47. long 161° 55 HAUL NO. 94

WEATHER Clear WIND NE x E

DEPTH 45 fathom - 50 BOTTOM Grey Sand.

DIRECTION OF HAUL N.N.E. CURRENT Flood (→ NE.)

CABLE OUT AT 12:45 P M STARTED HAULING AT 3:04 PM TOTAL HAUL TIME 2 hrs 19 min

TOTAL POUNDAGE: Everything 3500 ; Fish 3000 .

Total Pounds (round weight):

HALIBUT 150 (75 lbs. over 26"; 75 lbs. under 26")

number 13 (babies ____; chix. 8 med. 5 lge. ___)

tagged 13 ; dead ____; released not tagged ____

SOLE, principal comm. species 1000 (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ✓ + ____

Lemon (English) ✓ + ____

Other Flatfish 50 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) 50 ; Miscellaneous ____

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 700 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 25 ; Rockfish ____; Blackcod Over 3# ____

Under 3# ____

Hake ____; Pollock 1000 , Sculpin 50

Invertebrates 67 crab. 1 wt = 469

Miscellaneous 50 lbs starfish.

TIME SORTING HAUL 45 min

1 split.

MISCELLANEOUS INVERTEBRATES

- ✓ starfish
- ✓ crabs king crabs
  - _____ Dungeness
  - ✓ box
  - Tanner Crabs.
- ✓ basket stars
- ✓ brittle stars
- _____ clams
- _____ nudibranchs
- _____ octopus
- _____ scallops
- _____ sea anemones
- ✓ sea cucumbers
- _____ sea pens
- _____ sea urchins
- _____ snails
- _____ sponges
- _____ squids
- _____
- _____
- _____

MISCELLANEOUS

- _____ kelp
- _____ grass
- _____ mud
- _____ sand
- _____ gravel
- _____ boulders
- _____ debris
- _____
- _____
- _____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE May 23 HAUL NO. 95

WEATHER Hazy WIND N.W.E

DEPTH 42 fathoms BOTTOM Gray Sand.

DIRECTION OF HAUL West. CURRENT Ebb to S.E.

CABLE OUT AT 3:50 PM. STARTED HAULING AT _____ TOTAL HAUL TIME _____

TOTAL POUNDAGE: Everything 2400 ; Fish 1900

Total Pounds (round weight):

HALIBUT 230 (25 lbs. over 26"; 4 lbs. under 26")
number 3 (babies 1 ; chix. 1 med. 1 lge.)
tagged 2 ; dead 1 ; released not tagged _____

SOLE, principal comm. species 800 (_____ lbs. over 12" + _____ lbs. under 12")
Brill (Petrale) _____ + _____ ; Rock Sole ✓ + _____
Lemon (English) ✓ + _____

Other Flatfish 50 Rex (Witch) _____ + _____ ; Dover (Slime) _____ + _____
Sand Sole _____ ; C.O. Sole _____ Starry Flounder _____
Long-jaw (Turbot) ✓ ; Miscellaneous Flathead sole ✓

LINGCOD _____ (_____ lbs. over 3# each _____ lbs. under 3# each)

GREYCOD 600 (_____ lbs. over 16" _____ lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate _____ ; Rockfish _____ ; Blackcod Over 3# _____ Under 3# _____
Hake _____ ; 500 - Whiting (pollock)

Invertebrates 500 lbs Crab (67 crabs).

Miscellaneous Starfish 25 lbs.

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Aug 23/47. approx. 56°36' 161°59' HAUL NO. 96

WEATHER Overcast. WIND N.N.E.

DEPTH 43/bottom BOTTOM Grey sand.

DIRECTION OF HAUL S.S.W. CURRENT Ebb to SE.

CABLE OUT AT 6.20 P.M. STARTED HAULING AT 8:20 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 5000 ; Fish 3800#

Total Pounds (round weight):

HALIBUT ~~#~~ 44 (____lbs. over 26"; ____lbs. under 26")
number 4 (3?) (babies 1 ; chix. 1 (?) med. 2 lge. __)
tagged 2 ; dead 1 (?); released not tagged 1

SOLE, principal comm. species 1000 (____lbs. over 12" + ____lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole ✓ + ____
Lemon (English) ✓ + ____ yellow f/s.

Other Flatfish 800 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____
Sand Sole ____; C.O. Sole____ Starry Flounder ____
Long-jaw (Turbot) ✓ ; Miscellaneous Flathead

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 600 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 100 ; Rockfish____; Blackcod Over 3#____ Under 3#____
Hake ____; Pollock - 500, sculpin, poacher.

Invertebrates 155 Crabs (1200 lbs)

Miscellaneous Star, tunicates, sponge

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP F BOAT Alaska.

DATE Aug 24 HAUL NO. 97

WEATHER Cloudy, heavy NNE wind WIND Heavy N.N.E.

DEPTH 32-36 BOTTOM Grey Sand.

DIRECTION OF HAUL S.W. CURRENT Slack to Ebb (NE → S.W).

CABLE OUT AT 3.45 AM. STARTED HAULING AT 5.40 AM TOTAL HAUL TIME 1½. 55 min.

TOTAL POUNDAGE: Everything 400 ; Fish 200

Total Pounds (round weight):

HALIBUT 20 (____lbs. over 26"; ____lbs. under 26")

number 1 (babies____; chix.____ med. 1 lge.__)

tagged 1 ; dead____; released not tagged____

SOLE, principal comm. species 50 (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ✓ + ____

Lemon (English) ✓ + ____

Other Flatfish 75 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 25 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate____; Rockfish____; Blackcod Over 3#____ Under 3#____

Hake ____; dead pollock

Invertebrates Hermits (250 lbs.)

Miscellaneous 50 lbs jelly fish

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP E BOAT Alaska

DATE May 24 HAUL NO. 98

WEATHER Stormy WIND N.N.E (heavy)

DEPTH 44 fathoms BOTTOM grey sand

DIRECTION OF HAUL S.S.E CURRENT flood → S.W.

CABLE OUT AT 6:20 AM STARTED HAULING AT 8:45 TOTAL HAUL TIME 2 hrs. 25 min.

TOTAL POUNDAGE: Everything 2000; Fish 1100

Total Pounds (round weight):

HALIBUT 50 (50 lbs. over 26"; ____ lbs. under 26")
number 5 (babies ____; chix. 4 med. 1 lge. ____)
tagged 5; dead —; released not tagged —

SOLE, principal comm. species 200 (____ lbs. over 12" + ____ lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole ✓ + ____
Lemon (English) ✓ + ____

Other Flatfish 200 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____
Sand Sole ____; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) ✓; Miscellaneous yellowfin.

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 600 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ~ (cans of liver ____)

RATFISH —

MISC. FISH ~ Skate 50; Rockfish ____; Blackcod Over 3# ____ Under 3# ____
Hake ____; Pollock 200

Invertebrates 188 Crabs (900 lbs)

Miscellaneous jellyfish, stars, anemones.

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Aug 24 HAUL NO. 99

WEATHER Fierce WIND Heavy N.E.

DEPTH 42 fathom BOTTOM grey sand

DIRECTION OF HAUL N.E. CURRENT Flood.

CABLE OUT AT _____ STARTED HAULING AT _____ TOTAL HAUL TIME _____

TOTAL POUNDAGE: Everything 500 ; Fish 350

Total Pounds (round weight):

HALIBUT — (_____lbs. over 26"; _____lbs. under 26")

number_____(babies_____; chix._____ med._____ lge.___)

tagged_____; dead_____; released not tagged_____

SOLE, principal comm. species 25 (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole ✓ + _____

Lemon (English) ✓ + _____

Other Flatfish 25 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole_____ Starry Flounder _____

Long-jaw (Turbot) ✓; Miscellaneous yellowfin

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 200 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate ✓; Rockfish_____; Blackcod Over 3#_____ Under 3#_____

Hake _____; Pollock 100

Invertebrates 150lbs King Crabs.

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I. BOAT Alaska

DATE Aug 24/47 HAUL NO. 100

WEATHER Heavy Seas, Rain WIND N.E.

DEPTH _____ BOTTOM Grey Sand.

DIRECTION OF HAUL N.E. CURRENT Ebb.

CABLE OUT AT 5.00 P.M. STARTED HAULING AT 7.40 TOTAL HAUL TIME 2hrs 40 min.

TOTAL POUNDAGE: Everything 3000 ; Fish _____

Total Pounds (round weight):

HALIBUT 80 (_____lbs. over 26"; _____lbs. under 26")

number 5 (babies 2 ; chix. 2 med. 1 lge.)

tagged 3 ; dead _____; released not tagged 2

SOLE, principal comm. species 500 (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole ✓ + _____

Lemon (English) 600 + _____

Other Flatfish 800 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 700 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate 25 ; Rockfish _____; Blackcod Over 3# _____ Under 3# _____

Hake _____; pollock 25 lbs.

Invertebrates 195 Crabs (1000 lbs)

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I

BOAT Alaska

DATE Aug 25

HAUL NO. 101

WEATHER Overcast.

WIND S.S.W.

DEPTH 44 fathom

BOTTOM grey sand

DIRECTION OF HAUL SSW.

CURRENT Ebb to S.E.

CABLE OUT AT 5:10 AM. STARTED HAULING AT 7:20 TOTAL HAUL TIME 2 hr. 10 mins.

TOTAL POUNDAGE: Everything 2500 ; Fish 1300

Total Pounds (round weight):

HALIBUT 30 (____ lbs. over 26"; ____ lbs. under 26")

number 3 (babies ____; chix. 2 med. 1 lge. ___)

tagged 3 ; dead ____; released not tagged ____

SOLE, principal comm. species 800 (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ✓ + ____

Lemon (English) ✓ + ____

Other Flatfish 300 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 200 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate ____; Rockfish ____; Blackcod Over 3# ____ Under 3# ____

Hake ____; pollock 25 lbs, sand pine, poachers

Invertebrates 204 crabs (1200 lbs)

Miscellaneous Tanner crab, stars.

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

✓ starfish

Tanner crabs

Dungeness

✓ box

2 or 4 King crabs.

basket stars

brittle stars

clams

nudibranchs

octopus

scallops

sea anemones

sea cucumbers

sea pens

sea urchins

snails

✓ sponges

squids

MISCELLANEOUS

kelp

grass

✓ mud

sand

gravel

✓ boulders

debris

GENERAL REMARKS:

HAUL SHEETS

TRIP _____ BOAT Alaska

DATE Aug 25 HAUL NO. 102

WEATHER Overcast WIND Southeast

DEPTH 41 fathoms BOTTOM Grey Sand

DIRECTION OF HAUL S.S.W. CURRENT Ebb to S.W.

CABLE OUT AT 7:50 STARTED HAULING AT 10:10 TOTAL HAUL TIME 2 hrs 20 min

TOTAL POUNDAGE: Everything 2000 ; Fish _____

Total Pounds (round weight):

HALIBUT 10 (___ lbs. over 26"; _____ lbs. under 26")

number 1 (babies _____; chix. 1 med. _____ lge. ___)

tagged 1 ; dead _____; released not tagged _____

SOLE, principal comm. species 400 (_____ lbs. over 12" + _____ lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole ✓ + _____

Lemon (English) ✓ + _____

Other Flatfish 200 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin

LINGCOD _____ (_____ lbs. over 3# each _____ lbs. under 3# each)

GREYCOD 200 (_____ lbs. over 16" _____ lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate ✓ ; Rockfish _____; Blackcod Over 3# _____ Under 3# _____

Hake _____; Sculpins (large) poachers

Invertebrates 121 Crabs (700 lbs)

Miscellaneous 500 lbs Starfish + Shells

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I

BOAT Alaska

DATE Aug 25

HAUL NO. 103

WEATHER Overcast

WIND S.W.

DEPTH 42

BOTTOM grey sand

DIRECTION OF HAUL NE x N

CURRENT slack to flood

CABLE OUT AT 10:45 AM STARTED HAULING AT 12:55 TOTAL HAUL TIME 2 hr 10 min

TOTAL POUNDAGE: Everything 625 ; Fish 325

Total Pounds (round weight):

HALIBUT — (____ lbs. over 26"; ____ lbs. under 26")

number ____ (babies ____ ; chix. ____ med. ____ lge. ____)

tagged ____ ; dead none ; released not tagged ____

SOLE, principal comm. species 100 (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____ ; Rock Sole ✓ + ____

Lemon (English) ✓ + ____ flat head sole

Other Flatfish 200 Rex (Witch) ____ + ____ ; Dover (Slime) ____ + ____

Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD — (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 25 ; Rockfish ____ ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; ____

Invertebrates 46 crabs (250 lbs)

Miscellaneous shells, starfish, 50 lbs

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP _____ BOAT Alaska

DATE Aug 25 HAUL NO. 104

WEATHER Overcast WIND S.W.

DEPTH 43 fathom BOTTOM grey sand

DIRECTION OF HAUL NE x E. CURRENT Flood to NE

CABLE OUT AT 1:30 PM. STARTED HAULING AT 3:20 TOTAL HAUL TIME _____

TOTAL POUNDAGE: Everything 500 ; Fish _____

Total Pounds (round weight):

HALIBUT 25 (_____lbs. over 26"; _____lbs. under 26")

number 3 (babies 1 ; chix. 1 med. 1 lge. __)

tagged 2 ; dead _____; released not tagged 1

SOLE, principal comm. species 75 (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole ✓ + _____

Lemon (English) ✓ + _____

Other Flatfish 75 Rex (Witch) _____ + _____; Dover (Slime) ✓ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) ✓ ; Miscellaneous Yellowfin

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 200 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate _____; Rockfish _____; Blackcod Over 3# _____ Under 3# _____

Hake _____; 50 lb. Halibut

Invertebrates 17 King Crab;

Miscellaneous Starfish

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Aug 26/47 HAUL NO. 105

WEATHER Overcast WIND S.W. & W.

DEPTH 45-47 fathoms BOTTOM grey mud

DIRECTION OF HAUL S.W. CURRENT Slight.

CABLE OUT AT 8.00 AM STARTED HAULING AT 10.05 TOTAL HAUL TIME 2 hrs 5 min

TOTAL POUNDAGE: Everything 1500 ; Fish 1200

Total Pounds (round weight):

HALIBUT 20 (_____ lbs. over 26"; _____ lbs. under 26")

number 3/2 (babies 1 ; chix. _____ med. / lge. ___)

tagged 1 ; dead 1 9/2/47 a.m.; released not tagged /

SOLE, principal comm. species 600 (_____ lbs. over 12" + _____ lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole _____ + _____

Lemon (English) _____ + _____

Other Flatfish 500 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) _____; Miscellaneous yellowfin

LINGCOD _____ (_____ lbs. over 3# each _____ lbs. under 3# each)

GREYCOD 100 (_____ lbs. over 16" _____ lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate _____; Rockfish _____; Blackcod Over 3# _____ Under 3# _____

Hake _____; _____

Invertebrates 52 crabs (300 lbs)

Miscellaneous starfish, jellyfish.

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Aug 26/47. HAUL NO. 106

WEATHER overcast WIND S.W.

DEPTH 43 fathom BOTTOM grey Sand

DIRECTION OF HAUL S.W. x W. CURRENT ebb.

CABLE OUT AT 10:50 A.M. STARTED HAULING AT 12:10 TOTAL HAUL TIME

TOTAL POUNDAGE: Everything 4000 ; Fish

Total Pounds (round weight):

HALIBUT 50 (____lbs. over 26"; ____lbs. under 26")

number 6 (babies 3 ; chix. 2 med. 1 lge.)

tagged 3 ; dead 1 ; released not tagged 2

SOLE, principal comm. species 600 (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ✓ + ____

Lemon (English) ✓ + ____

Other Flatfish 1000 Rex (Witch) ____ + ____; Dover (Slime) ✓ + ____

Sand Sole ____; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 800 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 100 ; Rockfish____; Blackcod Over 3#____ Under 3#____

Hake ____; Pollock 200, Sculpin 100, Flounder

Invertebrates 18 King Crabs. (100 lbs.

Miscellaneous 1000 lbs sponge + shells & starfish

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP E BOAT Alaska

DATE Aug 26 HAUL NO. 107

WEATHER Overcast WIND N. W.

DEPTH 213-42 fathom. BOTTOM grey sand

DIRECTION OF HAUL N.E. X N. CURRENT Good.

CABLE OUT AT 1:20 PM STARTED HAULING AT 2:45 TOTAL HAUL TIME 1 hr. 25 min

TOTAL POUNDAGE: Everything 3500; Fish _____

Total Pounds (round weight):

HALIBUT 50 (_____lbs. over 26"; _____lbs. under 26")

number ~~53~~ (babies _____; chix. 21 med. 2 lge. _____)

tagged 2; dead 1; released not tagged _____

SOLE, principal comm. species 700 (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole ✓ _____ + _____

Lemon (English) ✓ _____ + _____

Other Flatfish 800 Rex (Witch) _____ + _____; Dover (Slime) ✓ _____ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) ✓; Miscellaneous yellowfin.

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 700 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate 50; Rockfish _____; Blackcod Over 3# _____ Under 3# _____

Hake _____; pollock ~25 lbs.

Invertebrates 28 crabs (200 lbs).

Miscellaneous 1000 lbs sponge.

TIME SORTING HAUL _____

1 Split, 1 Lift.

MISCELLANEOUS INVERTEBRATES

✓ starfish

✓ crabs (King)

____ Dungeness

✓ box

____

____ basket stars

✓ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

✓ sea anemones

✓ sea cucumbers

____ sea pens

✓ sea urchins

____ snails

✓✓ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

✓ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

HAUL SHEETS

TRIP _____ BOAT Alaska

DATE Aug-26 HAUL NO. 108

WEATHER Overcast WIND N.W.

DEPTH 1/2 fathom BOTTOM grey sand

DIRECTION OF HAUL N.E x E CURRENT Good to S E

CABLE OUT AT 1:14 PM STARTED HAULING AT _____ TOTAL HAUL TIME _____

TOTAL POUNDAGE: Everything 1500 ; Fish 100

Total Pounds (round weight):

HALIBUT 15 (_____lbs. over 26"; _____lbs. under 26")

number 3 (babies 1 ; chix. 2 med. _____ lge. ___)

tagged 2 ; dead _____; released not tagged 1

SOLE, principal comm. species 100 (_____lbs. over 12" + _____lbs. under 12").

Brill (Petrale) _____ + _____; Rock Sole ✓ + _____

Lemon (English) ✓ + _____

Other Flatfish 300 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 600 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate _____; Rockfish _____; Blackcod Over 3# _____ Under 3# _____

Hake _____; Pollock 10 lbs, Poachers, Sculpins

Invertebrates 98 King Crab (500 lbs)

Miscellaneous shells 50 lbs.

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP F BOAT Alaska

DATE Aug 26/47 HAUL NO. 109

WEATHER Overcast WIND N.W

DEPTH 44-41 fathoms BOTTOM grey sand

DIRECTION OF HAUL S.W CURRENT ebbed

CABLE OUT AT 6:30 PM STARTED HAULING AT 8.45 TOTAL HAUL TIME 2hrs 15 mins

TOTAL POUNDAGE: Everything 3500; Fish 2300

Total Pounds (round weight):

HALIBUT — (____lbs. over 26"; ____lbs. under 26")

number____(babies____; chix.____ med.____ lge.___)

tagged____; dead____; released not tagged____

SOLE, principal comm. species 900 (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ✓ + ____

Lemon (English) ✓ + ____

Other Flatfish 500 Rex (Witch) ____ + ____; Dover (Slime) ✓ + ____

Sand Sole ____; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) ✓; Miscellaneous yellowfin

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 900 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 100; Rockfish____; Blackcod Over 3#____ Under 3#____

Hake ____; Pollock 50

Invertebrates 214 Crabs (1200 lbs)

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

____ starfish

____ crabs

____ Dungeness

____ box

____

____ basket stars

____ brittle stars

____ clams

____ nudibranchs

____ octopus

____ scallops

____ sea anemones

____ sea cucumbers

____ sea pens

____ sea urchins

____ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Aug 27/47 HAUL NO. 110

WEATHER Overcast WIND N.W.

DEPTH 44 fathoms BOTTOM Grey Sand

DIRECTION OF HAUL N.E. CURRENT Flood & Slack

CABLE OUT AT 3:50 AM. STARTED HAULING AT 6:20 TOTAL HAUL TIME 2 hrs 30 mins

TOTAL POUNDAGE: Everything 11000 ; Fish 1800

Total Pounds (round weight):

HALIBUT 15 (____ lbs. over 26"; ____ lbs. under 26")

number 2 (babies 1 ; chix. ____ med. 1 lge. ____)

tagged 1 ; dead ____ ; released not tagged 1

SOLE, principal comm. species 600 (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____ ; Rock Sole ✓ + ____

Lemon (English) ✓ + ____

Other Flatfish 200 Rex (Witch) ____ + ____ ; Dover (Slime) ✓ + ____

Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 800 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 100 ; Rockfish ____ ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; Pollock 400, poachers, sculpin.

Invertebrates 237 King Crab (1200 lbs) 1 split.

Miscellaneous Shells & Starfish (1000 lbs)

TIME SORTING HAUL ____

Saw flock of Geese going South - lucky stiffs!

MISCELLANEOUS INVERTEBRATES

- ✓ starfish
- ✓ crabs
  - Dungeness
  - box
  - ✓ Tanner Crabs
- ✓ basket stars
- ✓ brittle stars
- ✓ clams
- nudibranchs
- octopus
- scallops
- ✓ sea anemones
- ✓ sea cucumbers
- sea pens
- ✓ sea urchins
- ✓ snails
- ✓ sponges
- squids
-
-
-

MISCELLANEOUS

- ✓ kelp
- grass
- ✓ mud
- sand
- gravel
- boulders
- debris
-
-
-

GENERAL REMARKS:

HAUL SHEETS

TRIP I. BOAT Alaska.

DATE Aug 27/47 HAUL NO. 111

WEATHER Overcast WIND N.W.

DEPTH 47 fathoms. BOTTOM Gray Sand.

DIRECTION OF HAUL S.W. CURRENT Ebbing.

CABLE OUT AT 6:55 AM STARTED HAULING AT 9:00 TOTAL HAUL TIME 2 hrs 5 min.

TOTAL POUNDAGE: Everything 2200; Fish 1500

Total Pounds (round weight):

HALIBUT 5 (____lbs. over 26"; ____lbs. under 26")

number 1 (babies ____; chix. 1 med. ____ lge. __)

tagged 1; dead ____; released not tagged ____

SOLE, principal comm. species 500 (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ✓ + ____

Lemon (English) ✓ + ____

Other Flatfish 300 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole long, Starry Flounder ____

Long-jaw (Turbot) ✓; Miscellaneous yellowfin.

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 700 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____ Over 3# ____

MISC. FISH ____ Skate ____; Rockfish ____; Blackcod Under 3# ____

Hake ____;

Invertebrates 178 (700 lbs) King Crabs.

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

- ✓ starfish
- ✓ crabs (King)
- ____ Dungeness
- ____ box
- Tanner Crabs.
- ✓ basket stars
- ✓ brittle stars
- ✓ clams
- ____ nudibranchs
- ____ octopus
- ____ scallops
- ✓ sea anemones
- ____ sea cucumbers
- ____ sea pens
- ✓ sea urchins
- ✓ snails
- ✓ sponges
- ____ squids
- ____
- ____
- ____

MISCELLANEOUS

- ____ kelp
- ____ grass
- ✓ mud
- ____ sand
- ____ gravel
- ____ boulders
- ____ debris
- ____
- ____
- ____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT alaska

DATE Aug 27/47. HAUL NO. 112

WEATHER Overcast. WIND Northerly

DEPTH 43 fathoms BOTTOM grey Sand

DIRECTION OF HAUL S.S.W. CURRENT ~~[illegible]~~ Ebb.

CABLE OUT AT 9:35 AM. STARTED HAULING AT 12.05 TOTAL HAUL TIME 2 hrs 30 mins

TOTAL POUNDAGE: Everything 1000 ; Fish 600

Total Pounds (round weight):

HALIBUT 10 (____ lbs. over 26"; ____ lbs. under 26")

number 1 (babies ____; chix. 1 med. ____ lge. ___)

tagged 1 ; dead ____; released not tagged ____

SOLE, principal comm. species 100 (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole — + ____

Lemon (English) ✓ + ____

Other Flatfish ~~[illegible]~~ 300 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin (many)

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD ____ (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate ____; Rockfish ____; Blackcod Over 3# ____ Under 3# ____

Hake ____; Pollock 25, Sculpin 25

Invertebrates 54 Crabs (400 lbs) King Crabs of course

Miscellaneous Shells 25 lbs. Starfish 25 lbs

TIME SORTING HAUL ____

Practically all King Crabs taken have been ♂. Ratio of females to males is about 1:800 or even more.

MISCELLANEOUS INVERTEBRATES

✓ starfish

Tanner crabs

____ Dungeness

✓ box

King Crabs 1100 lbs.

✓ basket stars

✓ brittle stars

✓ clams

____ nudibranchs

____ octopus

____ scallops

✓ sea anemones

____ sea cucumbers

____ sea pens

✓ sea urchins

✓ snails

____ sponges

____ squids

____

____

____

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

____

____

____

GENERAL REMARKS:

HAUL SHEETS

TRIP _____ BOAT _____

DATE Aug 27/57 HAUL NO. 113

WEATHER overcast. WIND N.W.

DEPTH 46-44 fathoms. BOTTOM grey sand

DIRECTION OF HAUL N.E CURRENT Flood to NE.

CABLE OUT AT 3:10 PM STARTED HAULING AT 6:05 TOTAL HAUL TIME 2 hrs 55 min

TOTAL POUNDAGE: Everything 4500 ; Fish 3900.

Total Pounds (round weight):

HALIBUT 50 (_____lbs. over 26"; _____lbs. under 26")

number 7 (babies 3 ; chix. 3 med. 1 lge.)

tagged ~~3~~ 2; dead 2 ; released not tagged ~~2~~ 3

SOLE, principal comm. species 1000 (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole ✓ + _____

Lemon (English) ✓ + _____

Other Flatfish 900 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) ✓ ; Miscellaneous yellow-fin

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD ~~1400~~ (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate_____; Rockfish_____; Blackcod Over 3#_____

Hake _____; Pollock 500, sculpin, poacher Under 3#_____

Invertebrates 291 keying Crabs, all ♂ & small mostly. (1600 lbs)

Miscellaneous starfish, Tanner crabs. a lot of sea urchins

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

___ starfish
_✓_ crabs
___ Dungeness
___ box
___
_✓_ basket stars
_✓_ brittle stars
_✓_ clams
___ nudibranchs
___ octopus
___ scallops
_✓_ sea anemones
_✓_ sea cucumbers
___ sea pens
_✓_ sea urchins
_✓_ snails
___ sponges
___ squids
___
___
___

MISCELLANEOUS

___ kelp
_✓_ grass
_✓_ mud
___ sand
___ gravel
___ boulders
___ debris
___
___
___

GENERAL REMARKS:

HAUL SHEETS

TRIP _____ BOAT _____

DATE Aug 27/47 HAUL NO. 114

WEATHER Overcast WIND NW. (fresh)

DEPTH 46 fathoms BOTTOM grey sand (volcanic)

DIRECTION OF HAUL W.S.W. CURRENT Slack + Ebb → S-W

CABLE OUT AT 7:00 PM STARTED HAULING AT 8:50 TOTAL HAUL TIME 1h. 50 min.

TOTAL POUNDAGE: Everything 2900 ; Fish 1500

Total Pounds (round weight):

HALIBUT 100 (_____lbs. over 26"; _____lbs. under 26")

number 6 (babies 3 ; chix. 1 med. 2 lge. ___)

tagged 3 ; dead _____; released not tagged 3

SOLE, principal comm. species 600 (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole ✓ + _____

Lemon (English) ✓ + _____

Other Flatfish 300 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 500 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____ Over 3#_____

MISC. FISH _____ Skate_____; Rockfish_____; Blackcod Under 3#_____

Hake _____; Pollock 100, sculpin, ponchers.

Invertebrates 122 King Crabs (800 lbs) all ♂

Miscellaneous Shells + nothing 500 lbs.

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

- ___ starfish
- ✓ crabs
  - ___ Dungeness
  - ✓ box
  - ✓ Tanner Crabs
- ✓ basket stars
- ✓ brittle stars
- ✓ clams
- ___ nudibranchs
- ___ octopus
- ___ scallops
- ✓ sea anemones
- ✓ sea cucumbers
- ___ sea pens
- ✓ sea urchins
- ✓ snails
- ___ sponges
- ___ squids
- ___
- ___
- ___

MISCELLANEOUS

- ___ kelp
- ✓ grass
- ✓ mud
- ___ sand
- ___ gravel
- ___ boulders
- ___ debris
- ___
- ___
- ___

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT M.V. Alaska

DATE Aug 28 HAUL NO. 115

WEATHER Overcast WIND N.W. Heavy

DEPTH 42 - 48 fathom BOTTOM grey sand.

DIRECTION OF HAUL E. CURRENT Flood

CABLE OUT AT 2:30 PM STARTED HAULING AT 4145 TOTAL HAUL TIME 2 hrs 15 min

TOTAL POUNDAGE: Everything 2000 ; Fish 1600

Total Pounds (round weight):

HALIBUT 75 (____lbs. over 26"; ____lbs. under 26")

number 3 (babies ____; chix. 1 med. 2 lge. ___)

tagged 3 ; dead ____; released not tagged ____

SOLE, principal comm. species 100 (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ✓ + ____

Lemon (English) ____ + ____

Other Flatfish 200 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin.

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 800 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 25 ; Rockfish ____; Blackcod Over 3# ____ Under 3# ____

Hake ____; Pollock 25, Sculpin, perch.

Invertebrates 74 King Crab (400 lbs)

Miscellaneous urchin 100, shell 100

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I

BOAT Alaska

DATE Aug 28/47

HAUL NO. 116

WEATHER Overcast

WIND N.W. strong.

DEPTH 47 fathoms.

BOTTOM Grey Sand

DIRECTION OF HAUL E.

CURRENT Flood

CABLE OUT AT 4:25 AM STARTED HAULING AT 7:15 TOTAL HAUL TIME 2 hrs 50 min.

TOTAL POUNDAGE: Everything 1600; Fish 1300

Total Pounds (round weight):

HALIBUT 50 (____lbs. over 26"; ____lbs. under 26")
number 5 (babies 3; chix. ____ med. 2 lge. __)
tagged 2; dead 1; released not tagged 2

SOLE, principal comm. species 500 (____lbs. over 12" + ____lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole ✓ + ____
Lemon (English) [redacted]

Other Flatfish 100 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____
Sand Sole _____; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) ✓; Miscellaneous Yellowfin.

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 600 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 25; Rockfish ____; Blackcod Over 3# ____
Hake ____; Pollock 25, poachers Under 3# ____

Invertebrates 40 King Crabs (300 lbs) Many young King Crabs. About 2" length. Some females.

Miscellaneous Shells 500 lbs.

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Aug 29/47 HAUL NO. 117

WEATHER Overcast WIND W.S.W. Light.

DEPTH 45-47 fathoms BOTTOM Grey Sand

DIRECTION OF HAUL N E x N CURRENT Flood to N E.

CABLE OUT AT 4:25 AM STARTED HAULING AT 6:55 TOTAL HAUL TIME 2 hrs 30 min.

TOTAL POUNDAGE: Everything 2300 lbs; Fish 1600

Total Pounds (round weight):

HALIBUT 100 (____ lbs. over 26"; ____ lbs. under 26")
number 6 (babies ____; chix. 5 med. 1 lge. __)
tagged 6; dead ____; released not tagged ____

SOLE, principal comm. species 450 (____ lbs. over 12" + ____ lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole ✓ + ____
Lemon (English) ✓ + ____

Other Flatfish 200 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____
Sand Sole ____; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) ✓; Miscellaneous yellowfin ✓

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 700 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 50; Rockfish ____; Blackcod Over 3# ____ Under 3# ____
Hake ____; Pollock 200, sculpin, poacher.

Invertebrates 102 King Crabs (1 ♀) (700 lbs)

Miscellaneous Several hundred Tanner Crabs.

TIME SORTING HAUL ____ 1 Lift.

MISCELLANEOUS INVERTEBRATES

✓ starfish

Tanner crabs

___ Dungeness

✓ box

✓ King Crab.

___ basket stars

✓ brittle stars

___ clams

___ nudibranchs

___ octopus

___ scallops

✓ sea anemones

✓ sea cucumbers

___ sea pens

✓ sea urchins

___ snails

___ sponges

___ squids

___

___

___

MISCELLANEOUS

✓ kelp

___ grass

✓ mud

___ sand

___ gravel

___ boulders

___ debris

___

___

___

GENERAL REMARKS:

HAUL SHEETS

TRIP I

BOAT Alaska

DATE Aug 29.

HAUL NO. 118

WEATHER overcast

WIND No Wind

DEPTH 47 fathom

BOTTOM to SW.

DIRECTION OF HAUL W.S.W.

CURRENT Ebb

CABLE OUT AT 7:35 AM STARTED HAULING AT 9:40 TOTAL HAUL TIME 2 hrs 5 min

TOTAL POUNDAGE: Everything 3400 ; Fish _____

Total Pounds (round weight):

HALIBUT 400 (____ lbs. over 26"; ____ lbs. under 26")

number 11 (babies 3 ; chix. ~~7~~ 4 med. 4 lge. ___)

tagged 8 ; dead 1 ; released not tagged 2

SOLE, principal comm. species 300 (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____ ; Rock Sole ✓ + ____

Lemon (English) ✓ + ____ Flathead

Other Flatfish 100 Rex (Witch) ____ + ____ ; Dover (Slime) ____ + ____

Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 300 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 100 ; Rockfish ____ ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; Pollock 100 ; sculpin, poacher

Invertebrates 315 King Crab. (4 Q's)

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

✓ starfish

Tanner crabs

____ Dungeness

✓ box

King Crabs

✓ basket stars

brittle stars

clams

nudibranchs

octopus

scallops

✓ sea anemones

✓ sea cucumbers

sea pens

✓ sea urchins

✓ snails

sponges

squids

Hermit crab

Many

MISCELLANEOUS

____ kelp

____ grass

____ mud

____ sand

____ gravel

____ boulders

____ debris

GENERAL REMARKS:

HAUL SHEETS

TRIP I

BOAT Alaska

DATE May 29/47.

HAUL NO. 119

WEATHER Overcast

WIND NE x E.

DEPTH 45-43 fathoms

BOTTOM grey sand

DIRECTION OF HAUL W x S.

CURRENT Ebb

CABLE OUT AT 10:35 STARTED HAULING AT 1:05 PM TOTAL HAUL TIME _____

TOTAL POUNDAGE: Everything 4000 ; Fish 1900

Total Pounds (round weight):

HALIBUT 150 (_____lbs. over 26"; _____lbs. under 26")

number 8 (babies 3 4; chix. 1 med. 4 lge. __)

tagged 4; dead 1; released not tagged 3

SOLE, principal comm. species 400 (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole ✓ + _____

(Megrim Sole) Lemon (English) ✓ + _____

Other Flatfish 200 Rex (Witch) ✓ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) ✓; Miscellaneous yellowfin.

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 700 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate 100; Rockfish _____; Blackcod

Hake _____; Pollock 50, Sculpin, Poacher

Grey Cod mostly very small

Over 3# _____

Under 3# _____

Invertebrates 350 King Crabs (1 ♀) 2100 lbs.

Miscellaneous Tanner Crabs, starfish, shells, hermit crabs (numerous). Cucumbers, urchins

TIME SORTING HAUL _____

1 split.

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Aug 29/47 HAUL NO. 120

WEATHER Overcast WIND N.W.E.

DEPTH 214 fathoms BOTTOM Grey Sand

DIRECTION OF HAUL N.E. CURRENT Shocking.

CABLE OUT AT 2.40 PM STARTED HAULING AT 5.35 TOTAL HAUL TIME 2 hrs 55 mins.

TOTAL POUNDAGE: Everything 2300 ; Fish 900

Total Pounds (round weight):

HALIBUT 25 (____lbs. over 26"; ____lbs. under 26")

number 2 (babies 1 ; chix. ____ med. 1 lge. __)

tagged 1 ; dead ____; released not tagged 1

SOLE, principal comm. species 200 (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ✓ + ____

Lemon (English) ✓ + ____

Other Flatfish 175 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 300 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____ Over 3# ____

MISC. FISH ____ Skate 50 ; Rockfish ____; Blackcod Under 3# ____

Hake ____; Pollock, Sculpin, Ponchs

Invertebrates 261 King Crabs (1400 lbs)

Miscellaneous 200 lbs Tanner crabs, hermit crabs, gaping clam shells, urchins, Cucumbers, anemones!

TIME SORTING HAUL ____

Picked up and old piece of rope

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP 2 BOAT M.V. Alaska.

DATE Aug 29/67 HAUL NO. 121

WEATHER Overcast WIND N.E x E

DEPTH 43 fathoms BOTTOM Grey Sand

DIRECTION OF HAUL N.E. CURRENT Flood → NE.

CABLE OUT AT 6:30 P.M. STARTED HAULING AT 9:45 PM TOTAL HAUL TIME 2 hr 15 min

TOTAL POUNDAGE: Everything 5000 ; Fish 3000

Total Pounds (round weight):

HALIBUT 200 (____ lbs. over 26"; ____ lbs. under 26")
number 9 (babies 4 ; chix. 5 med. 4 lge. __)
tagged 6 ; dead ____ ; released not tagged 3

SOLE, principal comm. species 700 (____ lbs. over 12" + ____ lbs. under 12")
Brill (Petrale) ____ + ____ ; Rock Sole ✓ + ____
Lemon (English) ✓ + ____ Flathead Sole.

Other Flatfish 500 Rex (Witch) ____ + ____ ; Dover (Slime) ____ + ____
Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 400 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 50 ; Rockfish ____ ; Blackcod Over 3# ____ Under 3# ____
Hake ____ ; Pollock 50

Invertebrates 337 King Crab (1 ♀) 2000 lbs.

Miscellaneous 1100 shells, Tanner crab, mud etc.

TIME SORTING HAUL ____

Brought up old Japanese tangle net anchor.

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT P. Lastra

DATE Aug 30/47 HAUL NO. 12

WEATHER Clearing ! WIND S.W.

DEPTH 43 fathoms. BOTTOM Grey Sand.

DIRECTION OF HAUL N.E. CURRENT Flood to NE.

CABLE OUT AT 3.50 AM. STARTED HAULING AT 5.55 AM TOTAL HAUL TIME 2 hrs 5 min

TOTAL POUNDAGE: Everything 2000 ; Fish 800

Total Pounds (round weight):

HALIBUT 60 (____lbs. over 26"; ____lbs. under 26")
number 1 (babies____; chix.____ med. 1 lge.__)
tagged 1 ; dead____; released not tagged____

SOLE, principal comm. species 300 (____lbs. over 12" + ____lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole ✓ + ____
Lemon (English) ✓ + ____ Flathead Sole.

Other Flatfish 100. Rex (Witch) ____ + ____; Dover (Slime) ____ + ____
Sand Sole ____; C.O. Sole____ Starry Flounder ____
Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin.

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 300 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____ Over 3#____

MISC. FISH ____ Skate 100 ; Rockfish____; Blackcod Under 3#____
Hake ____; Sculpin

Invertebrates 106 King Crabs (12) 400 lbs.

Miscellaneous Shells, Starfish, Tanner crab etc. 500 lbs.

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP T BOAT _____

DATE Aug 30/47 HAUL NO. 123

WEATHER Clearing WIND S.W.

DEPTH 42 fathoms BOTTOM Grey Sand

DIRECTION OF HAUL N.E CURRENT [redacted] Flood to NE.

CABLE OUT AT 6.40 AM STARTED HAULING AT 9:05 TOTAL HAUL TIME 2hr 25 min

TOTAL POUNDAGE: Everything 2800; Fish _____

Total Pounds (round weight):

HALIBUT 200 (_____lbs. over 26"; _____lbs. under 26")
number 4 (babies _____; chix. 1 med. 3 lge. _____)
tagged 4; dead _____; released not tagged _____

SOLE, principal comm. species 200 (_____lbs. over 12" + _____lbs. under 12")
Brill (Petrale) _____ + _____; Rock Sole ✓ + _____
Lemon (English) ✓ + _____

Other Flatfish 100. Rex (Witch) 1 only + _____; Dover (Slime) _____ + _____
Sand Sole _____; C.O. Sole _____ Starry Flounder _____
Long-jaw (Turbot) ✓; Miscellaneous Yellowfin

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 25 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate 25; Rockfish _____; Blackcod Over 3# _____ Under 3# _____
Hake _____; Sculpin 50

Invertebrates 36 King Crabs (2 ♀) 2000

Miscellaneous Shells, crabs, stars etc 200

TIME SORTING HAUL 30 minute

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP _____ BOAT _____

DATE May 30/47. HAUL NO. 124

WEATHER Cloudy, Windy, Blowy, Cold & Rainy. WIND S.E.

DEPTH 41-45 fathom BOTTOM Ebb grey Sand.

DIRECTION OF HAUL S.W. CURRENT _____

CABLE OUT AT 10:30 STARTED HAULING AT 12.35 TOTAL HAUL TIME _____

TOTAL POUNDAGE: Everything 14100; Fish 600

Total Pounds (round weight):

HALIBUT 20 (_____lbs. over 26"; _____lbs. under 26")

number 2 (babies 1; chix. 1 med. _____ lge. ___)

tagged 1; dead _____; released not tagged 1

SOLE, principal comm. species 100 (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole ~ + _____

Lemon (English) ✓ + _____

Other Flatfish 100 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole _____ Starry Flounder _____

Long-jaw (Turbot) ✓; Miscellaneous Yellowfin.

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 300 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate 100; Rockfish _____; Blackcod Over 3# _____ Under 3# _____

Hake _____; Sculpin

Invertebrates 137 King Crab (800 lbs)

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP F

BOAT Alaska.

DATE May 30/47

HAUL NO. 125

WEATHER Overcast Cold, Misty.

WIND S.E.

DEPTH 44 fathoms

BOTTOM Clay Grey Sand.

DIRECTION OF HAUL SE

CURRENT

CABLE OUT AT 1:05 PM STARTED HAULING AT 3:40 TOTAL HAUL TIME 2 hrs 35 mins.

TOTAL POUNDAGE: Everything 2200 ; Fish 1800

Total Pounds (round weight):

HALIBUT 25 (____lbs. over 26"; ____lbs. under 26")

number 2 (babies ____; chix. 1 med. 1 lge. __)

tagged 2 ; dead ____; released not tagged ____

SOLE, principal comm. species 250 (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ✓ + ____

Lemon (English) ✓ + ____

Other Flatfish 125 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous Yellowfin

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 150 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____) .

RATFISH ____

MISC. FISH ____ Skate 50 ; Rockfish ____; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 178 King Crabs (12) 1200 lbs.

Miscellaneous Misc. Shells, Tanner crabs, hermit crabs, anemones medium 400 lbs.

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE May 30/47 HAUL NO. 126

WEATHER Overcast WIND S.W.

DEPTH 43 fathoms BOTTOM Grey Sand.

DIRECTION OF HAUL N.E. CURRENT Flood.

CABLE OUT AT 4:15 PM. STARTED HAULING AT 6.15 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 2100 ; Fish 400

Total Pounds (round weight):

HALIBUT 50 (____lbs. over 26"; ____lbs. under 26")

number 2 (babies ____; chix. 1 med. 1 lge. __)

tagged 2 ; dead ____; released not tagged ____

SOLE, principal comm. species 200 (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ✓ + ____; Rock Sole ✓ + ____

Lemon (English) ✓ + ____

Other Flatfish 50 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ✓; Miscellaneous Yellowfin.

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 50 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 50 ; Rockfish ____; Blackcod Over 3# ____ Under 3# ____

Hake ____; Sculpin 50

Invertebrates 282 King Crabs (160 ♂ 65 ♀)

Miscellaneous 100 lbs gastropod shells.

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT alaska

DATE Aug 30/47 HAUL NO. 127

WEATHER Overcast, drizzle WIND S.W.

DEPTH 46-47 fathoms BOTTOM grey sand

DIRECTION OF HAUL NE x N. CURRENT Flood to NE

CABLE OUT AT 6:45 PM. STARTED HAULING AT 8:45 TOTAL HAUL TIME 2 hrs.

TOTAL POUNDAGE: Everything 3000 ; Fish 1400

Total Pounds (round weight):

HALIBUT 150 (____ lbs. over 26"; ____ lbs. under 26")

number 7 (babies 2 ; chix. 2 med. 3 lge. ___)

tagged 6 ; dead ____ ; released not tagged ~~3~~ 2? (during the rest recorded 9/24/47 a.H.S.

SOLE, principal comm. species 200 (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____ ; Rock Sole ✓ + ____

Lemon (English) ✓ + ____

Other Flatfish 150 Rex (Witch) long + ____ ; Dover (Slime) ____ + ____

Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 700 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 100 ; Rockfish ____ ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; Pollock 50, Sculpin 50, Poacher

Invertebrates 209 King Crab. (1600) (6 ♀)

Miscellaneous Shells, Tanner crab 100 lbs. + Hermit Crabs Cucumber etc

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Aug 31/47 HAUL NO. 128

WEATHER Partially Overcast. Sun! WIND Strong S.W.

DEPTH 42-44. BOTTOM Grey Volcanic Sand.

DIRECTION OF HAUL NE. CURRENT Flood.

CABLE OUT AT 3.45 AM. STARTED HAULING AT 6.30 TOTAL HAUL TIME 2hrs 15min.

TOTAL POUNDAGE: Everything 1500.; Fish 100.

Total Pounds (round weight):

HALIBUT _____ (_____lbs. over 26"; _____lbs. under 26")

number 0 (babies_____; chix._____ med._____ lge.___)

tagged_____; dead_____; released not tagged_____

SOLE, principal comm. species 300 (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole ✓ + _____

Lemon (English) ✓ + _____

Other Flatfish 200 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole_____ Starry Flounder _____

Long-jaw (Turbot) ✓; Miscellaneous yellowfin.

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 500 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate_____; Rockfish_____; Blackcod Over 3#_____ Under 3#_____

Hake _____; _____

Invertebrates 59 Crab (200 lbs.)

Miscellaneous shell, Tanner crab, Box crab, cucumber etc 100 lbs.

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE September 3/47. HAUL NO. 129

WEATHER Overcast, rain. WIND S.W.

DEPTH 40-46 fth. BOTTOM grey sand.

DIRECTION OF HAUL S.W. CURRENT Slack+Ebb

CABLE OUT AT 11:35 AM. STARTED HAULING AT 2:10 PM TOTAL HAUL TIME 2h 35 min.

TOTAL POUNDAGE: Everything 800 ; Fish 300

Total Pounds (round weight):

HALIBUT 60 (____ lbs. over 26"; ____ lbs. under 26")

number 2 (babies ____; chix. 1 med. 1 lge. ___)

tagged 2 ; dead ____; released not tagged ____

SOLE, principal comm. species 20 (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ____ + ____

Lemon (English) ____ + ____

Other Flatfish 200 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous Yellowfin ✓✓

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 20 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 10 ; Rockfish ____; Blackcod Over 3# ____ Under 3# ____

Hake ____; ____

Invertebrates 75 King Crab (500 lbs) Didn't fish on Sept 1 or 2 Because of Weather. Stayed in Port Moller.

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Sept 3/47 HAUL NO. 130

WEATHER overcast + rain WIND SW

DEPTH 47 fathoms BOTTOM grey Sand.

DIRECTION OF HAUL NE. CURRENT Ebb.

CABLE OUT AT 3:46 PM. STARTED HAULING AT _____ TOTAL HAUL TIME _____

TOTAL POUNDAGE: Everything 1000 ; Fish 350

Total Pounds (round weight):

HALIBUT 10 (_____lbs. over 26"; _____lbs. under 26")

number 2 (babies 2 ; chix._____ med._____ lge.__)

tagged_____; dead_____; released not tagged 2

SOLE, principal comm. species 50 (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole _____ + _____

Lemon (English) ✓ + _____

Other Flatfish 100 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole_____ Starry Flounder _____

Long-jaw (Turbot) ✓ ; Miscellaneous VV Yellow-fin

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 150 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate 60 ; Rockfish_____; Blackcod Over 3#_____ Under 3#_____

Hake _____;

Invertebrates 94 King Crabs (650)

Miscellaneous Cucumbers

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP F. BOAT Alaska

DATE Sept 4/47 HAUL NO. 131

WEATHER ~~H.F~~ Overcast. WIND N.W.

DEPTH 43. BOTTOM grey Sand.

DIRECTION OF HAUL N.E CURRENT Ebb

CABLE OUT AT 3:50 AM STARTED HAULING AT 6:20 AM TOTAL HAUL TIME 2hrs 30min.

TOTAL POUNDAGE: Everything 2500 ; Fish 1600

Total Pounds (round weight):

HALIBUT 50 (____lbs. over 26"; ____lbs. under 26")
number 7 (babies 4 ; chix. 3/2 med. 1 lge.__)
tagged 3 ; dead ____; released not tagged 4

SOLE, principal comm. species 200 (____lbs. over 12" + ____lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole ✓ + ____
Lemon (English) ✓ + ____

Other Flatfish 600 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____
Sand Sole ____; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) ✓ ; Miscellaneous Yellowfin ✓✓

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 500 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 100 ; Rockfish ____; Blackcod Over 3# ____ Under 3# ____
Hake ____; Pollock 50, Sculpin 100.

Invertebrates 148 King Crab (800lbs)

Miscellaneous 100 lbs Tanner crab.

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Sept 4/49 HAUL NO. 132

WEATHER Overcast to partially clear WIND N.W.

DEPTH 45 fathoms BOTTOM Grey Sand

DIRECTION OF HAUL NE x E. CURRENT Flood → NE.

CABLE OUT AT 7:00 AM STARTED HAULING AT 9:10 TOTAL HAUL TIME 2 h. 10 min.

TOTAL POUNDAGE: Everything 1500 ; Fish 650

Total Pounds (round weight):

HALIBUT 50 (____lbs. over 26"; ____lbs. under 26")
number 4 (babies ____; chix. 3 med. 1 lge. __)
tagged 4; dead ____; released not tagged ____

SOLE, principal comm. species 200 (____lbs. over 12" + ____lbs. under 12")
Brill (Petrale) ____ + ____; Rock Sole ✓ + ____
Lemon (English) ✓ + ____

Other Flatfish 300 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____
Sand Sole ____; C.O. Sole ____ Starry Flounder 1
Long-jaw (Turbot) ✓; Miscellaneous yellowfin ✓

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 100 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 100; Rockfish ____; Blackcod Over 3# ____ Under 3# ____
Hake ____; ____

Invertebrates 128 King Crab (800 lbs)

Miscellaneous 50 lbs Tanner Crab, octopus, & Sea Cucumbers

TIME SORTING HAUL 45 min.

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Sept. 4/47 HAUL NO. 133

WEATHER Partially Clear !! WIND S.W

DEPTH 47 fathom BOTTOM Grey Sand

DIRECTION OF HAUL N. CURRENT Flood

CABLE OUT AT 9:35AM. STARTED HAULING AT 11:40 TOTAL HAUL TIME 2 hr 5 min.

TOTAL POUNDAGE: Everything 2000 ; Fish 1100

Total Pounds (round weight):

HALIBUT 100 (____ lbs. over 26"; ____ lbs. under 26")
number 7 (babies 1 ; chix. 3 med. 3 lge. __)
tagged 6 ; dead ____ ; released not tagged 1

SOLE, principal comm. species 100 (____ lbs. over 12" + ____ lbs. under 12")
Brill (Petrale) ____ + ____ ; Rock Sole ✓ + ____
Lemon (English) ✓ + ____

Other Flatfish 300 Rex (Witch) a few + ____ ; Dover (Slime) ____ + ____
Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____
Long-jaw (Turbot) ✓ ; Miscellaneous Yellowfin sole

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 500 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 50 ; Rockfish ____ ; Blackcod Over 3# ____ Under 3# ____
Hake ____ ; Pollock & Sculpin 50

Invertebrates 106 King Crab (800 lbs)

Miscellaneous 100 lbs Tanner crabs, shells, urchins & Sea cucumbers.

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Sept 4/47. HAUL NO. 134

WEATHER Overcast, visibility poor (2.0) WIND W. S. W light (heavy swell)

DEPTH 14-42 fathoms BOTTOM Slack to ebb

DIRECTION OF HAUL N. W. CURRENT Grey Sand

CABLE OUT AT 12:00 Noon STARTED HAULING AT 2:15 PM TOTAL HAUL TIME 2 hrs 15 mins

TOTAL POUNDAGE: Everything 3000 ; Fish 1000

Total Pounds (round weight):

HALIBUT 50 (____ lbs. over 26"; ____ lbs. under 26")

number 7 (babies 4 ; chix. 1/2 med. 1/2 lge. ___)

tagged 3 ; dead ____ ; released not tagged 4

SOLE, principal comm. species 100 (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____ ; Rock Sole ✓ + ____

Lemon (English) ✓ + ____ flat. head

Other Flatfish 150 Rex (Witch) ✓ + ____ ; Dover (Slime) ____ + ____

Sand Sole ____ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 600 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 50 ; Rockfish ____ ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; Black + sculpin 50

Invertebrates 211 King Crab (1900 lbs)

Miscellaneous 100 lbs Tanner crab, anemones.

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP F. BOAT M.V. Alaska

DATE Sept. 4/47 HAUL NO. 135

WEATHER Overcast WIND W.S.W.

DEPTH 43 fathoms. BOTTOM Grey Sand.

DIRECTION OF HAUL W.S.W. CURRENT Ebb.

CABLE OUT AT 2:55 PM STARTED HAULING AT 5:30 TOTAL HAUL TIME 2hrs 35 min

TOTAL POUNDAGE: Everything 800 ; Fish 450

Total Pounds (round weight):

HALIBUT ____ (____lbs. over 26"; ____lbs. under 26")

number____(babies____; chix.____ med.____ lge.___)

tagged____; dead____; released not tagged____

SOLE, principal comm. species 75 (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ✓ + ____

Lemon (English) ✓ + ____ Flathead Sole

Other Flatfish 125 Rex (Witch) ✓ + ____; Dover (Slime) ____ + ____

Sand Sole ____; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) ✓; Miscellaneous Yellowfin

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 150 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 50; Rockfish____; Blackcod Over 3#____

Under 3#____

Hake ____; Sculpins 50

Invertebrates 49 Crab (300 lbs)

Miscellaneous 20 lbs Razor clams etc.

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Sept 1/47. HAUL NO. 136

WEATHER Overcast (as usual) WIND S.W.

DEPTH 44 fathoms BOTTOM gray Sand

DIRECTION OF HAUL S.S.W CURRENT Slack/Flood

CABLE OUT AT 5:50 PM STARTED HAULING AT 8:30 TOTAL HAUL TIME 2 hrs 40 min

TOTAL POUNDAGE: Everything 1600 ; Fish 1100

Total Pounds (round weight):

HALIBUT 25 (____lbs. over 26"; ____lbs. under 26")

number 2 (babies 1 ; chix. 1 med.____ lge.__)

tagged 1 ; dead____; released not tagged 1

SOLE, principal comm. species 100 (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ✓ + ____

Lemon (English) ✓ + ____ & Dabhead Sole

Other Flatfish 300 Rex (Witch) few + ____; Dover (Slime) ____ + ____

Sand Sole _____; C.O. Sole____ Starry Flounder _____

Long-jaw (Turbot) ✓ ; Miscellaneous yellowfin ✓✓

LINGCOD _____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 600 (____lbs. over 16" ____lbs. under 16")

DOGFISH _____ (cans of liver ____)

RATFISH _____

MISC. FISH _____ Skate 50 ; Rockfish____; Blackcod Over 3#____ Under 3#____

Hake ____; Pollock + Sculpins 50

Invertebrates 49 King Crabs (400 lbs)

Miscellaneous 100 lbs Tanner crabs etc.

TIME SORTING HAUL _____ (Going to Pacific Side after this Drag!!!)

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I ~~Beam~~ Along shore BOAT Alaska

DATE Sept 6/47 of Unimak Bight. HAUL NO. 137

on Pacific Side.

WEATHER Overcast, Foggy (Heavy) WIND S.W.

DEPTH 58-45 fathoms BOTTOM Grey Sand.

DIRECTION OF HAUL North. CURRENT Flood → N.

CABLE OUT AT 4:45 AM. STARTED HAULING AT 7:00 AM TOTAL HAUL TIME 2 hrs 15 mins.

TOTAL POUNDAGE: Everything 25 lbs; Fish 25 lbs

Total Pounds (round weight):

HALIBUT 5 (_____lbs. over 26"; _____lbs. under 26")

number 1 (babies 1; chix._____ med._____ lge.___)

tagged_____; dead_____; released not tagged 1

SOLE, principal comm. species 5 (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole _____ + _____

Lemon (English) _____ + _____ Flathead sole.

Other Flatfish 5 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole_____ Starry Flounder ✓

Long-jaw (Turbot) ✓; Miscellaneous _____

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 10 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate_____; Rockfish_____; Blackcod Over 3#_____ Under 3#_____

Hake _____; _____

Invertebrates 3 large jellyfish

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I — Unimak Bight BOAT Alaska

DATE Sept 6/47 — North Pacific HAUL NO. 138

WEATHER Clearing hazy. WIND S.W.

DEPTH 42-20 fathoms BOTTOM Grey Sand

DIRECTION OF HAUL N to NE CURRENT Ebb.

CABLE OUT AT 8:10 AM STARTED HAULING AT 9:35 TOTAL HAUL TIME 1 hr 25 min.

TOTAL POUNDAGE: Everything 1000; Fish _____

Total Pounds (round weight):

HALIBUT 313-9 (____lbs. over 26"; ____lbs. under 26")

number ____ (babies 86; chix. 14 med. 9 10 lge. ___)

tagged 23; dead 1; released not tagged 86

(Some of above were dead.)

SOLE, principal comm. species 250 (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ✓ + ____

Lemon (English) ✓ + ____

Other Flatfish 150 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ✓; C.O. Sole ____ Starry Flounder ✓

Long-jaw (Turbot) ✓; Miscellaneous flathead ✓

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 200 (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____ (Long nosed skate - Raja rhina) Over 3# ____

MISC. FISH ____ Skate 100; Rockfish ____; Blackcod Under 3# ____

Hake ____; few Pollock & sculpin.

Invertebrates No King Crabs.

Miscellaneous 15 Dungeness Crabs.

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Sept 6/46. HAUL NO. 139

WEATHER Hazy WIND S.W. (Heavy Swell)

DEPTH 20-40 fathoms BOTTOM Grey Sand.

DIRECTION OF HAUL E. CURRENT Slack + Flood

CABLE OUT AT 10:10 AM. STARTED HAULING AT 11:10 TOTAL HAUL TIME 1 hr.

TOTAL POUNDAGE: Everything 1000 ; Fish _____

Total Pounds (round weight):

HALIBUT 311-4 (_____lbs. over 26"; _____lbs. under 26")

number _____ (babies 43 ; chix. 5 med. 8 lge. ___)

tagged 13 ; dead _____; released not tagged 43

SOLE, principal comm. species 50. (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole ✓ + _____

Lemon (English) ✓ + _____

Other Flatfish 250 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole ✓; C.O. Sole _____ Starry Flounder ✓ ✓

Long-jaw (Turbot) ✓; Miscellaneous Slathead cod.

LINGCOD _____ (_____lbs. over 3# each _____lbs, under 3# each)

GREYCOD 150 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate _____; Rockfish _____; Blackcod Over 3# _____ Under 3# _____

Hake _____; Yen Pollock

Invertebrates 13 King Crab (7 ♀'s)

Miscellaneous 8 Shrimpers, Crab.

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP F Ikatan Bay BOAT Alaska

DATE Sept 6/49. Unmiak Island HAUL NO. 130

WEATHER overcast, clearing. WIND S.W.

DEPTH 51-45 fathom BOTTOM grey Sand

DIRECTION OF HAUL S.W. CURRENT Flood.

CABLE OUT AT 2.55 PM. STARTED HAULING AT 4.10 TOTAL HAUL TIME 2 hrs 15 min.

TOTAL POUNDAGE: Everything ~~5000~~ 3300 ; Fish ~~4000~~ 2300 .

Total Pounds (round weight):

HALIBUT 56. (____lbs. over 26"; ____lbs. under 26")

number 19 (babies 16; chix. 2 med. 1 lge. __)

tagged 3; dead ____; released not tagged 16

SOLE, principal comm. species 700. (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ✓ + ____

Lemon (English) ✓ + ____

Other Flatfish 800 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ✓; C.O. Sole ____ Starry Flounder ✓

Long-jaw (Turbot) ✓; Miscellaneous Halibut head.

LINGCOD ____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 400. (____lbs. over 16" ____lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 400; Rockfish ____; Blackcod Over 3# ____ Under 3# ____

Hake ____; a few pollock & Sculpin.

Invertebrates 1000 lbs Tanner crab. 3 split (2 small) 1 big left.

Miscellaneous ____

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP F Morrow's Bay BOAT Alaska

DATE Sept 7/47 HAUL NO. 141

WEATHER Clear, Sunny WIND S.W gale

DEPTH 54 BOTTOM ?

DIRECTION OF HAUL N.E. CURRENT Ebb

CABLE OUT AT 8:05 STARTED HAULING AT 9:25 TOTAL HAUL TIME 1½ 20 min

TOTAL POUNDAGE: Everything 2000 ; Fish _____

Total Pounds (round weight):

HALIBUT 50 (_____lbs. over 26"; _____lbs. under 26")
number 9 (babies 2 8; chix. 1 med. _____ lge. ___)
tagged 1 ; dead _____; released not tagged 2 8

SOLE, principal comm. species 100 (_____lbs. over 12" + _____lbs. under 12")
Brill (Petrale) _____ + _____; Rock Sole ✓ + _____
Lemon (English) ✓ + _____

Other Flatfish 350 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____
Sand Sole ✓; C.O. Sole _____ Starry Flounder _____
Long-jaw (Turbot) ✓; Miscellaneous flathead NC

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD 100 (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate 50 ; Rockfish _____; Blackcod Over 3#_____ Under 3#_____
Hake _____; 1 large blenny.

Invertebrates _____

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I Morzhonoi Bay BOAT Alaska

DATE Sept. 7/47. Alaskan Peninsula HAUL NO. 142

WEATHER Overcast. North Pacific WIND S.W. very strong (60 mph)

DEPTH 10 – 40 fathoms BOTTOM grey volcanic sand

DIRECTION OF HAUL N.E. CURRENT Flood.

CABLE OUT AT 12:20 PM STARTED HAULING AT 1:30 TOTAL HAUL TIME 1h 10 min

TOTAL POUNDAGE: Everything 1000 ; Fish 1000

Total Pounds (round weight):

HALIBUT 100 (____ lbs. over 26"; ____ lbs. under 26")

number 24 (babies 18 ; chix. 5 med. 1 lge. ___)

tagged 6 ; dead ____ ; released not tagged 18

SOLE, principal comm. species 100 (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____ ; Rock Sole ✓ + ____

Lemon (English) ✓ + ____

Other Flatfish 800 Rex (Witch) ____ + ____ ; Dover (Slime) ____ + ____

Sand Sole ✓ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous Flathead ✓✓ yellowfin

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 500 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate ____ ; Rockfish ____ ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; 1 Blackcod

Invertebrates ____

Miscellaneous 100 lbs Sea anemones

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I Parlor Bay North Pacific BOAT Alaska

DATE Sept 8/47 HAUL NO. 143

WEATHER Overcast WIND None

DEPTH 60 fathom BOTTOM mud

DIRECTION OF HAUL E. CURRENT

CABLE OUT AT 6.45 STARTED HAULING AT 8.45 TOTAL HAUL TIME 2hr

TOTAL POUNDAGE: Everything 1300 ; Fish 800

Total Pounds (round weight):

HALIBUT 25 (____ lbs. over 26"; ____ lbs. under 26")

number 5 (babies 4 ; chix. 1 med. ____ lge. ____)

tagged 1 ; dead ____ ; released not tagged 4

SOLE, principal comm. species 100 (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____ ; Rock Sole ✓ + ____

Lemon (English) ✓ + ____

Other Flatfish 300 Rex (Witch) ____ + ____ ; Dover (Slime) ____ + ____

Sand Sole ✓ ; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous Halibut yellowfin

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 200 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate 150 ; Rockfish ____ ; Blackcod Over 3# ____ Under 3# ____

Hake ____ ; Many shrimps, several other unidentified fish.

Invertebrates 14 King Crabs. 100lbs.

Miscellaneous 400lbs Tanner crab, [illegible] etc

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Sept 8/48 HAUL NO. 144

WEATHER Overcast Cold WIND SW

DEPTH 32 fathoms BOTTOM Grey Sand

DIRECTION OF HAUL E CURRENT

CABLE OUT AT 10:05 STARTED HAULING AT 11:05 TOTAL HAUL TIME 1 hrs

TOTAL POUNDAGE: Everything 4000 ; Fish

Total Pounds (round weight):

HALIBUT 40 (____ lbs. over 26"; ____ lbs. under 26")

number 4 (babies 4 ; chix. ____ med. ____ lge. __)

tagged ____; dead ____; released not tagged 4

SOLE, principal comm. species 50 (____ lbs. over 12" + ____ lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ✓ + ____

Lemon (English) [redacted] ____

Other Flatfish 150 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ✓; C.O. Sole ____ Starry Flounder ____

Long-jaw (Turbot) ✓; Miscellaneous Yellowfin Flathead

LINGCOD ____ (____ lbs. over 3# each ____ lbs. under 3# each)

GREYCOD 25 (____ lbs. over 16" ____ lbs. under 16")

DOGFISH ____ (cans of liver ____)

RATFISH ____

MISC. FISH ____ Skate ____; Rockfish ____; Blackcod Over 3# ____

Hake ____; Sculpin 100 lbs Under 3# ____

Invertebrates ____

Miscellaneous Shells 100 lbs

TIME SORTING HAUL ____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I BOAT Alaska

DATE Sept 8/47 HAUL NO. 145

WEATHER Overcast - Cold WIND Northerly

DEPTH 40-45 fathoms BOTTOM grey Sand

DIRECTION OF HAUL NE. CURRENT

CABLE OUT AT 11:45 AM STARTED HAULING AT 1 PM. TOTAL HAUL TIME 1 hr 15 min

TOTAL POUNDAGE: Everything 400 ; Fish 300

Total Pounds (round weight):

HALIBUT 20 (____lbs. over 26"; ____lbs. under 26")

number 4 (babies 4 ; chix. [redacted] med.____ lge.__)

tagged____; dead____; released not tagged 4

SOLE, principal comm. species _____ (____lbs. over 12" + ____lbs. under 12")

Brill (Petrale) ____ + ____; Rock Sole ____ + ____

Lemon (English) ____ + ____

Other Flatfish 150 Rex (Witch) ____ + ____; Dover (Slime) ____ + ____

Sand Sole ✓ ; C.O. Sole____ Starry Flounder ____

Long-jaw (Turbot) ✓ ; Miscellaneous flathead.

LINGCOD _____ (____lbs. over 3# each ____lbs. under 3# each)

GREYCOD 100 (____lbs. over 16" ____lbs. under 16")

DOGFISH _____ (cans of liver ____)

RATFISH _____

MISC. FISH _____ Skate____; Rockfish____; Blackcod Over 3#____ Under 3#____

Hake ____; Sculpin 30 lbs.

Invertebrates 5 King Crab (50 lbs)

Miscellaneous 50 lbs shellfish.

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP _____ BOAT Alaska

DATE Sept 8/47. Acheredin Bay Unga Island. HAUL NO. 146

WEATHER Overcast WIND NE

DEPTH 30 fathoms BOTTOM Grey Sand

DIRECTION OF HAUL E. CURRENT _____

CABLE OUT AT 2:50 PM. STARTED HAULING AT 3:50 PM TOTAL HAUL TIME 1h.

TOTAL POUNDAGE: Everything 400 ; Fish _____

Total Pounds (round weight):

HALIBUT 50. (_____lbs. over 26"; _____lbs. under 26")

number 16 (babies 3 ; chix. 1 med. 2 lge. _____)

tagged 3 ; dead _____; released not tagged 13

SOLE, principal comm. species _____ (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole _____ + _____

Lemon (English) _____ + _____

Other Flatfish 300 Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole ✓ ; C.O. Sole _____ Starry Flounder ✓

Long-jaw (Turbot) ✓ ; Miscellaneous flathead

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD _____ (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate _____; Rockfish _____; Blackcod Over 3# _____ Under 3# _____

Hake _____; Sculpin 50

Invertebrates Many Dungeness Crabs.

Miscellaneous 1 Large Nuchback, many Sea whips.

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I. BOAT

DATE Sept 9/47 Korovin Straight Unga Island HAUL NO. 147

WEATHER overcast WIND S.W. light

DEPTH 30 — 110 fathom BOTTOM rough

DIRECTION OF HAUL N.E. to NW. CURRENT

CABLE OUT AT 10:15AM STARTED HAULING AT 10:45 TOTAL HAUL TIME 30 min

TOTAL POUNDAGE: Everything 75 ; Fish 10

Total Pounds (round weight):

HALIBUT _____ (_____lbs. over 26"; _____lbs. under 26")

number_____(babies_____; chix._____ med._____ lge.___)

tagged_____; dead_____; released not tagged_____

SOLE, principal comm. species _____ (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole _____ + _____

Lemon (English) _____ + _____

Other Flatfish _____ Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole_____ Starry Flounder _____

Long-jaw (Turbot) _____; Miscellaneous _____

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD _____ (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate_____; Rockfish_____; Blackcod Over 3#_____ Under 3#_____

Hake _____; 10 lbs Sculpin

Invertebrates 65 lbs, anemones urchins, star fish.

Miscellaneous _____

TIME SORTING HAUL _____

We snapped in 80 fathom & had to lift early. Only wings of rat were torn.

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS:

HAUL SHEETS

TRIP I. Stepovak Bay BOAT Alaska

DATE Sept 9/47 North Pacific HAUL NO. 148

WEATHER Overcast WIND SW.

DEPTH 20-45 fathoms BOTTOM ?

DIRECTION OF HAUL N.E. CURRENT ?

CABLE OUT AT 2:30 PM. STARTED HAULING AT 3:00 TOTAL HAUL TIME ½ hr.

TOTAL POUNDAGE: Everything 200 ; Fish ~~50~~ 75

Total Pounds (round weight):

HALIBUT _____ (_____lbs. over 26"; _____lbs. under 26")

number 1 (babies 1 ; chix._____ med._____ lge.___)

tagged_____; dead_____; released not tagged 1

SOLE, principal comm. species 25 (_____lbs. over 12" + _____lbs. under 12")

Brill (Petrale) _____ + _____; Rock Sole _____ + _____

Lemon (English) ✓ + _____

Other Flatfish _____ Rex (Witch) _____ + _____; Dover (Slime) _____ + _____

Sand Sole _____; C.O. Sole_____ Starry Flounder _____

Long-jaw (Turbot) _____; Miscellaneous _____

LINGCOD _____ (_____lbs. over 3# each _____lbs. under 3# each)

GREYCOD _____ (_____lbs. over 16" _____lbs. under 16")

DOGFISH _____ (cans of liver _____)

RATFISH _____

MISC. FISH _____ Skate_____; Rockfish_____; Blackcod Over 3#_____

Under 3#_____

Hake _____; ~~50 lbs~~ Sculpin 9 red cod (red snapper).

Invertebrates 125 Crabs etc

Miscellaneous _____

TIME SORTING HAUL _____

MISCELLANEOUS INVERTEBRATES

_____ starfish

_____ crabs

_____ Dungeness

_____ box

_____

_____ basket stars

_____ brittle stars

_____ clams

_____ nudibranchs

_____ octopus

_____ scallops

_____ sea anemones

_____ sea cucumbers

_____ sea pens

_____ sea urchins

_____ snails

_____ sponges

_____ squids

_____

_____

_____

MISCELLANEOUS

_____ kelp

_____ grass

_____ mud

_____ sand

_____ gravel

_____ boulders

_____ debris

_____

_____

_____

GENERAL REMARKS: