

91242

M/V
Tordonskjeld

WATERPROOF
LEVEL BOOK

FILLER

June 23 - July 11, 1958

FORMING BILL

Bottom Station #1 Rd. 4

Work Log

1958

~~#1~~ (2)

Return to the Rain

J. L. DARLING CORP.

BROWNS POINT
TACOMA, WASH. U.S.A.

Leave Frozen or Not Used

Tag	Reason
1446 ✓	Contains Halibut
1449 ✓	" Sponge
1453 ✓	" "
1462 ✓	" "
1464 ✓	" Codfish
1467 ✓	" Halibut
1469 ✓	" Esk. part
1433 ✓	" Halibut
1434	" Halibut
1442	" Codfish
1470	" Halibut
1479	" Codfish
1480	" Halibut
1475	" Codfish
1476	" Halibut
1497	" Codfish
1498	" "

W. L. DARLING CORP. TACOMA WASH. U. S. A.		Return the Run. WATERPROOF	
6-23-58	1100	Departed Ankerla	
6-24-58	2300	Arrived Tangle Net Station H-11	
6-25-58	0905	started hauling 4 shuffles tangle net.	
	1115	Tangle nets aboard.	
	♂ 102	♀ 24	57° 22'
	Tagged	♂ 76	♀ 23 161° 35'
	1610	started hauling 6 shuffles.	
	1740	3 shuffles in	
	1815	4 shuffles in	
	1910	Yield aboard.	
		♂ 226	♀ 56 released
	Tagged	♂ 209	♀ 40 57° 22' 161° 35'
6-26-58	0730 - 1230	overhauling Tangle Net	

6-26-58 H-11
 1239 Drugging at single net station for stomachs
 3800 lbs gross
 Mostly flat fish
 Kells 172047 2571
 Caught ♂ 305 ♀ 499
 1130 Set dredge - 57°20 161°35

must be roller difference

1830 Delivered nets to Tsushima Maru

6-27-58 0300 Kawasaki aboard
 0330 Kawasaki & Miyakawa aboard setting vessel for Tokai.
 0800 Returned from Tokai

J. L. DARTING CORP.
 TACOMA, WASH. 98402

Stomach samples.

Return the Pen.
 WATERPROOF

< 100 mm = 90
 101 - 140 mm = 185
 141 > mm = 76

Total Caught - ♂ 305
 ♀ 499

(Unverified)

DATE- 4/27/58

H-10

57° 20

162° 09

Return the Rain.

J. L. DARLING CORP.
TACOMA, WASH. U. S. A.

WATERPROOF

Time 1204
1304

Depth 28

CABLE 85

Roller 005391 - 174 867

(2820)

BALLS. (75)

5° 41' 30"

310 yds

5° 34' 10"

312 "

Wave Angle

14' 0"

14' 7 1/2"

SAC # (E 1445)

King Crab ♂ 99 ♀ 133 (13) Tagged 98/123

Tanner - 20

Hairy 56

Halibut 15

(4 m)
(E 1446)

Starfish 150

Basket Star 20

Clam shells 20

Flat fish 3000

Gross 2300 lbs.

Smelt 2

Sea Peachers 50

Snails 5

Pull head 10

6/27/58

G-10

Time	1700 1800	Position	57° 01' 162° 13'
Depth	32-33	Cable	90
Roller	176680 - 7204		(1813)
Wire Angle	-	14'0"	14'7"
Fauna Sac	#	1447	

King Crabs	♂ 148	♀ 132	Tagged 140/127
Tanner	2		
Hairy	6		
Starfish	200		
Brittlestars	0		
Basket stars	20		
Halibut	1		
Cod	0		
Hake	30		
Flatfish	3000		
Sea Roach	30		
Bullheads	20		

Gross Weight
1700

6-28-58

G-9

J. L. DARLING CORP.
TACOMA, WASH. U. S. A.Return to
56° 58'

Time	0730 0830	Position	162° 45'
Depth	32-33	CABLE	100
Roller	179599 - 10123		(2919)
Wire Angle	-	14'0"	14'6"
Fauna Sack	No.	1444	

King Crabs	♂ 100	♀ 96	Tagged - 87/92
Tanner	15		
Hairy	7		
Starfish	30		
Brittlestar	0		
Halibut	1		
Cod	0		
Hake	0		
Basket stars	0		
Snails	10		
Hermit Crab	4		
Sea Roach	25		
Flat Fish	3000		
Bullhead	30		

Gross Weight
1600

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

99

100

6/28/58

F-9

Time	1203 1303	Position	56°-40 162°-43
Depth	38-38	Cable	115
Roller	181917	12441	(2318)
Wire Angles		13' 11 1/2"	14' 5"
<p>Notes: Keep Crozier Fauna Sale # 1449</p>			

King Crab	♂ 32	♀ 38	Tagged 33/34
Tanner	63		
Hairy	1		
Starfish	200		
Brittlestar	0		
Basket Stars	20		
Halibut	2		
Cod	50		
Hake	3000		
Flatfish	1000		
Sea Puffers	20		
Bull heads	40		
Succidae	10		
Sponge	50		

Grass Weight
3000 lbs.

6/28/58

F-10

J. L. DARLING CORP.
TACOMA, WASH. U. S. A.

"Rising the Sun"

WATERPROOF

Time	1705 1805	Position	56°-38 162° 09
Depth	41	Cable	120
Roller	185818/3901	16341/3900	
Wire Angles		14' 0"	14' 5"
<p>FAUNA Sale # 1450</p>			

King Crab	♂ 37	♀ 40	Tagged 36/39
TANNER	71		
Hairy	2		
Starfish	100		
Brittle Star	0		
Basket Star	0		
Halibut	1		
Cod	15		
Hake	500		
Flatfish	1500		
Sea Puffers	50		
Bull head	6		
Fast bull	2		

Grass. 1200 lbs

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

101

102

6-29-58	F-11		56° 40'
Time 0720		POSITION 161° 34'	
Depth 47	CABLE 140		
Roller 188107 - 18631	(2720)		
Balls. (2287) 4° 23' 35"	399 yds.		
40° 30' 10"	395		
Wire length. 13' 11 1/2"	14' 4 1/2"		
Fauna Sck	≅ -1451		
	≅ -1453 (sponge)		
King crab	♂ 61	♀ 49	Tagged 61/46
Tanner	72		
Starfish	30	10 purple stars	
Sponge	4000 #		
Foot balls	15		
Snails	3		
Shate eggs	2		
Flatfish	1000	gross weight	
Hake	100	5500 lbs.	
Sea puffers	20		
Halibut	1		
Shrimp	500		
Bullhead	20		
Rock Crab	6		
Brittle Stars - within sponge number unknown		but plenty	

6-29-58	G-11		
J. L. DARLING CORP. TACOMA, WASH. U.S.A. "Rise in the Rain." WATERPROOF			
Time 1300		POSITION 58° 58' 161° 33'	
Depth 36-37	CABLE 110		
Balls	closed -	Wire cut -	
Wire length.			
Wire length.	13' 11 1/2"	14' 3"	
	(2764)	(2764) ✓	
Roller 21395		190873	
Fauna Sack No -		21454	
King Crab	♂ 117	♀ 75	Tagged 115/73
Tanner	30		
Hake	2		
Starfish	0		
Brittle stars	in sponges, 50 EST.		
Beardtars	0		
Sponge	1000 lbs	gross 1300 #	
Snails	0	gross	
Shate egg.	1		
Flat fish	200		
Hake	50		
Halibut	1		
Bullhead	20		

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

6/29/58	G-12			
Time 1738 1838	POSITION	57°02'	161°00'	
Depth 36-34	CABLE	108		
Roller 194102	24625	24625		
19402 -190873	Balls 4° 28' 20"	330 yds	-2395	
3229	4° 26' 00"	330 326	325 326	3250 ✓
Wire Angle -	14'0"	14'5"		
fauna Sack Z -	1455			
	Z -	1462	spng	
King Crab ♂ 55	♀ 23	Tagged	55/23	
Tanner 26				
Herby 7				
Halibut 7				
Sponge 600 lbs				
Pouches 50				
Cool 5				
Wake 20				
Flat fish 1000				
Foot balls 15				
Hermit crabs 10				
Bristle star some in sponge				
Onions 300 lbs				
Bull heads 30				

Gross 2000 #

6-30-58	H-12			
J. L. DARLING CORP. TACOMA, WASH. U.S.A.				Res in the Rain. WATERPROOF
TIME 0630 0730	POSITION	57°-21'		
DEPTH 35-34	CABLE	110		160° 55'
Roller 196756	- 27276	196756	27276	
Balls 4° 34' 20"	315	-194102	-24625	
Wire Angle -	14'0"	14'5 1/2"		
fauna Sack - Z -	1463			
" " Z -	1464	Cod fish		
King Crab ♂ 54	♀ 82	Tagged	54/77	
TANNER 11				
Herby 18				
Hermit 4				
Rock 10				
Starfish 15.00		Basket stars	20	
Bristle star		Shrimp	some	
Sponge few		Snails	15	
Onion 300 lbs				
Foot balls 10				
flat fish 200				
flake 20				
Halibut 4				
Cod 1				
Pouches 50				
BOOK NO 310 Bull head	30	FILLER NO. 311	LOOSE LEAF NO. 312	

Gross 1600 #

6-30-58	I-12				
			57° 41'		
TIME	¹¹⁵⁰ 1250	POSITION	160° 54'		
DEPTH	30-29	CABLE	90	30182	
	Roller	199663	- 30182	- 27276	
	199663 Balls	4° 40' 50"	315	2906	
	196756	4° 39' 10"	310		
	2507 ✓ WIRE ANGLE	14' 1/2"	14' 7/2"		

fauna Sacks Z-1465

King Crab	♂ 22	♀ 125	Tagged 22/121		
TANNER	11				
HAIRY	15				
HALIBUT	7				
STARFISH	150				
BASKETSTARS	0				
BRITTLESTARS	0				
SPONGE	0				
SNAILS	0				
FLATFISH	500				
BULLHEADS	100				
POACHERS	50				
DOG SALMON	1				

Gross 1750 lbs

6-30-58	J-12				
			58° 00'	160° 58'	
TIME	¹⁶²⁰ 1725	POSITION			
DEPTHS	23	CABLE	72		
	Roller	201963	- 32480	201963	32480
	Balls	5° 58' 20"	290	199663	- 30182
		5° 38' 00"	278	2305	2298
	Wire Angle	14' 1"	14' 8 1/2"		

fauna Sack No. Z-1466

King Crab	♂ 38	♀ 115	Tagged 38/111		
TANNER	0				
HAIRY	4				
HALIBUT	43				
STARFISH	1500				
BASKETSTARS	0				
BRITTLESTARS	0				
SPONGE	0				
FLATFISH	1000				
BULLHEADS	20				
POACHERS	20				

Gross 1900 lbs

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

7-1-58		J-11		58°00	
Time	0700 0800	Position	161°34		
Depth	29-30	CABLE	80	204519	
Roller	R04519 - 35036			201963	
Balls	5°58'50"	287	284	2556	35036
	5°57'40"	280	288		32480
Wire Angle	14 1/2"	14'8"		2556	
SNAGGED -					
	fauna	Sack No -	Z-1468		
		Partlike	Z-1469		
King Crab	♂ 10	♀ 84	tagged 1/84		
TANNER	2				
Honey	1 0				
HALIBUT	2				
STARFISH	.10				
Basket stars	0				
Brittle stars	0				
Hermit crab	2				
Bullhead	10				
flat fish	500				
Sea poachers	30				
Brains	15				
Snail (shell)	10				
eel part(?)	1		Cin Z 1469		
- Net torn up -					

7-1-58		J-10		"Rising the Bure"	
				WATERPROOF	
Time	1140 1240	Position	58°01 162°10	207363	
Depth	20-21	CABLE	60	-204519	
Roller	207363		378.78	2844 ✓	
Balls	4°18'50"		248	255	
	4°12'50"		246	253	
	4°18'30"				
Wire Angle	14 1/2"	14'8 1/2"			
New net with line					
	fauna	Sack No -	Z-1432		
			1433		
King Crab	♂ 13	♀ 35	tagged 13/33		
TANNER	0				
Hairy	0				
HALIBUT	14	- Z 1433			
STARFISH	2000				
Basket star	0				
Brittle star	0				
Hermit crab	5				
Bullhead	50				
flat fish	3000				
Sea Poacher	20				
Gross 1600 lbs.					
BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312					

37878
- 35036

2842

7-2-58

K-12

Time 1035 1135 Position 58°18' 160°47'

Depth 11-13 CABLE 50 38233

Roller 207720 38233 37878
355Balls hooked on wing + wrapped
on roller

207120

-207363 Wire Angle 14' 2 1/2" 15' 4 1/2"

357 14' 2 1/2" 15' 4"

Fauna Sack Z 14357

No fauna Sack - flatfish

King crab ♂ 0 ♀ 3

Tanner 0

Halibut 67

Starfish 1320

Flatfish 2000

Halibut Z 1434

Gross 1250 lbs

7-2-58

J-13

J. L. DARLING CORP.
TACOMA, WASH. U.S.A."Rising the Bar"
WATERPROOF

Time 1547 1647 Position 57°55' 160°27'

Depth 26-27 CABLE 80

Roller 210768 41282 210768

Balls 4°59'30" 254 256 -207720

4°57'50" 256 254 3048

Wire Angle 14' 1/2" 14' 8"

Fauna Sack Z - 1436

King Crab ♂ 10 ♀ 98 Tapped 10/97

Hairy 16

Halibut 24

Starfish 1000

Squid 20

Footballs 10

Rock Crab 2

Tanner 0

Poachers 40

Flatfish 1500

Gross 2000 lbs.

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

41282

38233

3049 ✓

111

112

I-13

7-2-58

Underwater photographs

taken at 2000 to 2100 hours.

Exposure at 1/50 sec.

(Exposures) (Plus X film)?

2 at f. 2.8

2 at f. 4.0

2 " f. 5.6

2 " f. 8.

55 meters

Tide very strong

No. 25 medium peak buoys (Sylvania)

7-3-58

I-13

J. L. DARLING CORP.
TACOMA, WASH. U. S. A.

"Resin the Pan"

WATERPROOF

TIME	0655 0755	POSITION	57° 42'	160° 16'
DEPTH	32	CABLE	85	
ROLLER	213120		43634	213120
BALLS	5° 12' 20"		272 275	-210768
	5° 13' 40"		272 274 1/2	2352
WIRE ANGLE		14' 1/2"	14' 7"	

FAUNA SACK Z-1437

King Crab ♂ 17 ♀ 75 Tagged 16/70

TANNER

HAIRY 9

HALIBUT 25

STARFISH 1200

BASKETSTAR 0

BRITTLESTAR 0

FOOTBALLS 8

FLATFISH 2000

POACHER 100

ONIONS 100 lbs

BULLHEAD 20

Gross 2400 lbs

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

43634

-41282

2352

PHOTOS

113

7-3-58

H-13

Time	1225 1325	Position	57°20'	160°13'
Depth	32	CABLE	100	
Roller	215316	45830		
Balls	215316	5° 5' 5"	304	306
	-213120	5° 6' 0"	305	306
Wire length	2196	14 1/2"	14' 6"	45830 -43634 2196

Tuna Sack No. Z-1438

King	♂ 36	♀ 33	Tagged	36/31
Tanner	0			
Hairy	15			
Halibut	8			
Starfish	20			
Scotdale	30			
Flatfish	2500			
Onions	300 lbs			
Snails	30			
Basket Star	0			
Crabhead	50			
Hermit	20			
Clams	20			

Gross 1500 lbs

7-3-58

H-14

J. L. DARLING CORP.
TACOMA, WASH. U.S.A.

Return the Reel.

WATERPROOF

Time	1747 1847	Position	57°21'	159°46'
Depth	30-31	CABLE	95	
Roller	217619	48133		
Balls		5° 01' 20"	286	296
		4° 51' 45"	290	291
Wire angle	14 1/2"	14' 6"		
Gross wt =				

Tuna Sack No. Z-1439

King	♂ 14	♀ 13	Tagged	14/11
Tanner	0			
Hairy	7			
Halibut	11			
Starfish	10			
Crabhead	100			
Onions	20 lbs			
Snails	30			
Bullhead	20			
Hermit	50			
Clams	50			
Crab heads	50			
Sponges (bread)	20			

Gross 900

217619 48133
215316 -45830
2302 2302

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

115

7-4-58		G-14		7-4-58		G-13	
TIME 0650		POSITION 57°00 159°48		TIME 1045		POSITION 57°00 160°20	
DEPTH 31		CABLE 95		DEPTH 34		CABLE 100	
ROLLERS 50824 - 220312		220312		ROLLERS 52951		222439	
BALLS 5° 25' 40"		290		BALLS 4° 53' 05"		303	
50824		296		4 51' 50"		306	
48133 Wire Angle		14' 1/2"		Wire Angle		14' 0"	
2691		14' 6 1/2"		FAUNA Sack No. Z-1441		2127	
FAUNA Sack No. Z-1440				FAUNA Sack No. Z-1441		2127	
King Crab ♂ 17 ♀ 14		Tagged 17/14		King Crab 23 ♂ 14 ♀		Tagged 17/13	
Hairy 0				Tanner 5			
Halibut 21				Hairy 10			
Starfish 150		Gross 850		Halibut 5			
Basket * 20				Starfish 30		Gross 2000	
Bottle * 0				Basket Star 150			
Footballs 10				Bottle * in sponge			
Onions 10 lbs				Footballs 20			
Snails 5				Snails 10			
Bullhead 50				Bullhead 60			
Tanner 1				Flatfish 2000			
Smelts 30				Poachers 100			
Hermit 2				Sponge few			
Mussel shells 2				Shrimp few			
Anemone 1				Mussels 1			
Flatfish 700				BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312			

7-4-58

F-12

7-5-58

F-13

J. L. DARLING CORP.
TACOMA, WASH. U.S.A.

Return to the Firm.

WATERPROOF

TIME 1615
1715 POSITION 56°41' 161°01'

DEPTH 38 CABLE 115

Roller 56109 - 225597

Balls	3° 31' 25"	323	325
	3° 12' 30"	326	326
	3° 09' 25"	326	328
	3° 12' 05"		

Wire Angle 14' 1/2" 14' 6" 225597

56109 - 222439

-52951 Lanna Sack No. Z-1444 3158

3158

King Crab ♂ 19 ♀ 19 Tagged 17/17

TANNER 20

Hairy 9

Halibut 1

Starfish 30

★ 0

Brittle ★ few

S. 2

S. 2

E 30

Cod 2

Hale 20

Poachers 20

Football 20

TIME 0625
0725 POSITION 58°39' 160°22'

DEPTH 34-33 CABLE 101

Roller 228286 - 58798

Ball	4° 14' 10"	300	305
	4° 08' 40"	300	305

Wire Angle 14' 1/2" 14' 6' 1/2"

Lanna Sack No. Z-1443

King Crab ♂ 36 ♀ 42 Tagged 32/40

Tanner 15

Hairy 42

Halibut 20

★ 100

★ 25

★ 0

S. P 10

Bullhead 100

Cod 2

Hale 300

Poachers 50

Football 15

228286 58798

225597 - 56109

2689 2689

950 lbs
Gross

Gross 1750

Cod fish in Z-1442

119

FILLER-NO. 311 LOOSE LEAF-NO. 312

1170 - Halibut & Codfish

118

7-7-58		E-12			
Time	1230 1330	Position	56°20' 161°00'		
Depth	22-26	CABLE	71		
Roller	230	961 -	6147.4		
Balls	228286 2675	4°56'10" -58798	243 244		
		4°35'10" 2676✓	246 247		
		4°54'55"			
Wire Angle		14'1"	14'8½"		
fauna Sack No - E - 1471					
King Crab	♂ 137 ♀ 109	Tagged	45/36 92/13		
TANNER	1				
Hairy	4				
HALIBUT	19				
* fish	300				
⊗ *	few -				
⊗ *	0				
S ♀	20				
Onions	0				
Bullheads	20				
Greenling	20				
Hake	30				
Snail	2				
Poachers	10				
Flat fish	2500				
120					

7-7-58		E-11			
J. L. DARLING CORP. TACOMA, WASH. U. S. A.					
Return the Rain. WATERPROOF					
Time	1700 1800	Position	56°21' 161°32'		
Depth	35-33	CABLE	105		
Roller	64021 -	233510			
Balls	4°58'15"	307 304			
	4°55'50"	306 304			
Wire Angle		14'0"	14'5½"		
fauna Sack No. = 1472					
King Crab	♂ 26 ♀ 29	Tagged	21/27		
TANNER	37				
Hairy	11				
HALIBUT	7				
* fish	250				
Basket *	2				
Beetle *	0				
Snails	0				
Bullheads	30				
Cod	4 -				
Hake	100				
Football	5				
Poachers	50				
Flatfish	3500				
Sponge	300 lbs				
BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312					
121					

64021 233510
-61474 -230961
2547 2549 ✓

2975 lbs
Gross

7-8-58

D-11

Time	0755 0800	POSITION	56°00	161°36
Depth	16	CABLE	50	
Roller	233909		64419	
Balls	-233510		-64021	
	399 ✓		398	
Wire Angle				

Fauna Sack No. Z - 1473

King Crab
Tanner
Hairy
Halibut
* fish
Basket *
Brittle *
Snails
Bullheads
flat fish
foot balls
Pouches

Gregory
Omitted Station
Gross 100 lbs

7-8-58

D-10

J. L. DARLING CORP.
TACOMA, WASH. U.S.A."Return to the Owner"
WATERPROOF

Time	1135 1235	POSITION	56°01	162°15'
Depth	34-36-39	CABLE	105	
Roller	236426	-	66936	
Balls	4°44'15"		302	298
Wire Angle	13°11½"		14°4½"	

Fauna Sack. Z 1485

King Crab	♂ 10	♀ 11	Tagged	8/11
Tanner	19			
Hairy	24			
Halibut	0			
* fish	20			
Basket *	0			
Brittle *	0			
Snails	5			
Bullheads	100			
flat fish	1500			
flakes	1000			
Sea Urchins	12			
Pouches	30			

Gross lbs
1100

236426
-233909
251766936
-64419
2517

7-8-58		E-10		338	337	7-8-58		Station	E-10	
				335					Return the Rain.	
									WATERPROOF	
Time	1530 1630	Position	56°20'	162°13'			Blood Samples			
Depth	41-43	CABLE	125		#	Sex	Len.	Wid.	Steel	Cond.
Roller		238929	89437		1	♂	142	165	N	
Balls		-236426	-66936	338	2	♂	142	160	N	
		2503 ✓	2501	335	3	♂	146	168	N	
Port Ball - broke off.					4	♂	135	156	VO	
Wire Angle - 14'0"				14'4"	5	♂	147	195	VO	
TANICA - Z-1484					6	♂	164	190	VO	
					7	♂	144	162	VO	
				6/3	8	♀	104	111	N	P
King Crab	♂-16	♀-12	Tagged	6/3	9	♀	115	123	N-B	
Tanner	39				10	♀	117	123	N-B	
HAIRY	8				11	♀	103	109	N-P	
Basket *	0				12	♀	106	115	N-P	
Halibut	0				13	♀	121	129	NP	
Brittle *	0				14	♀	105	114	NP	
Starfish	150				15	♀	103	113	NB	
Flatfish	3500				16	♀	90	96	N-N	
Procker	20									
Nake	200									
Sponges	200 lbs									
124										

9 July '58

E-9

7-9-58

D-9

J. L. DARLING CORP.
TACOMA, WASH. U. S. A.

Return this form.

WATERPROOF

Time	0:57 0:57	POSITION	56°20'	162°50'	Time	1:50 1:50	POSITION	55°58'	162°45'
Depth	42-44	CABLE	130	241929 238929	Depth	43-44	CABLE	130	
Roller	72436		241929	3000 ✓	Roller	244754		75258	
Balls		3° 57' 35"	344	340	Balls		4° 36' 40"	340	338
		3° 55' 00"	338	342			4° 40' 15"	334	332
72436 -69437 2999	Wire Angle:	13'11 1/2"	14'4 1/2"		Wire Angle	13'11 1/2"	14'4 1/2"	333	332 330

Bottom Fauna - Z - 7483

Bottom Fauna Sack Z 1482

King Crab ♂ 17 ♀ 14

Tagged 11/9

King Crab ♂ 7 ♀ 10

Tagged 5/10

Hairy 4

Tanner 78

Hermit 10

★ fish 30

Basket ★ 0

Halibut 1

Flatfish 2000

Eel point 10

Bullhead 100

Herring 2

Gross
1500 lbs

Tanner 13

Hairy 7

Halibut 0

★ fish 30

Basket ★ 0

Bottle ★ 0

Eel point 0

Bullhead 50

Flatfish 3700

Sponge 400 lbs

Small Hake 500

first reading -
(Rushed)Gross
1600Also took dredge
sample

244754

75258

241929

72436

2825 ✓

2822

125

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

126

7-9-58

C-9

7-10-58

C-8

J. L. DARLING CORP.
TACOMA, WASH., U.S.A.Return the Panel
WATERPROOFTime 1725
1825 Position 55°40'N 162°49'

Depth 27-28 CABLE 80

Reelers 247 247 77751

Balls	-244754	5° 58'	10° -75258	263	268
	2493	5° 55'	50° 2493	264	270
				265	269
					268

Wire Angle 14'1" 14'8"

Bottom fauna E-1481

King Crab ♂ 0 ♀ 0

Tanner 11

Hairy 1

Halibut 11 Sack No. 1480

* fish 250

Basket * 0

Brittle * 0

Sponge 200 lbs

Flatfish 1500

Bullhead 30

Cod 2 - Sack No. 1479

Grass 1300 lbs

127

Time 0855
0755 Position 55°39' 163°26'

Depth 43 CABLE 130

Reeler 250 313 80817

Balls		4° 21' 20"		341	341
		4° 08' 15"		341	340
		4° 07' 50"			

Wire Angle 13'11½" 14'4½"

FAUNA SACK No. 1478

King Crab ♂ 15 ♀ 17 Tagged 13/16

Tanner 65

Hairy 19

Halibut 11 39.78"

* fish 20

Basket * 0

Brittle * 0

Sponge with hermits - 50 lbs

Snails 0

Bullhead 30

Flatfish 1600

Cod 0

Horse - Small - 500

Grass 1100 lbs

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

128

250313	80817
247247	-77751
3066	3066

7-10-58

B-8

7-11-58

A-6

J. L. DARLING CORP.
TACOMA, WASH. U. S. A.

"Rite in the Rain"

WATERPROOF

Time	1115 1215	POSITION	55°18'	163°25'
Depth	28	CABLE	82	
Rollers	25	2863	83366	
Balls	-250313	4°59'	45"-80817	269 271
		5°00'	10"	270 273
	2550 ✓	4°56'	35" 2541	267 274
		5°01'	50"	269 273
				271 275
Wire Angle		14' 1/2"	14' 7"	

Time	0625 0725	POSITION	55°00'	164°40'
Depth	33-35	CABLE	105"	
Rollers	85	796	- 255	293
Balls	-89366	5°03' 20"	-252863	298 297
	2430	5°12' 10"	2430	301 303

FAUNA SACK No. - Z 1477

Z - 1474

King Crab ♂ 0 ♀ 0

King ♂ 1 ♀ 0 Tagged 1/0

TANNER 6

Tanner 0

HAIRY 1

Hairy 1

Halibut 61 - Z 1476

Halibot 12

* fish 1000 lbs

* fish 20

Basket * 0

Basket * 0

Bottle * 0

Sponge few

Sponge 300 lbs

Flatfish 700

Flatfish 4300

Bullhead 50

Bullhead 150

Cod-Smelt 50 - Z 1475

Codfish 40

Flounder 60

Smelt 10

Bottle jars few

Gross 3000 lbs

Gross 400 lbs

1497 - 1498

129

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

130

7-11-58	A-5		
Time ¹¹⁰⁰ 1200	POSITION	55° 01'	165° 10'
Depth 59-62	CABLE	175	
Rollers 258	250 -	88753	88753
Balls	3° 24' 45"	437	85796
258250	3° 15' 35"	448	2957 ✓
-255293	Wire Angle -	13' 11 1/2"	14' 3 1/2"
2957			
	FAUNA SACK No -	21499	
King Crab ♂ 86	♀ 297	Tagged	83 / 284
TANNER	162		
HAIRY	7		
HALIBUT	0		
* fish	10		
Bottle *	0		
Basket *	20		
Sponge	0		
Flat fish	2500		
Bullhead	50		
Cod	0		
HARE	50		
Sea Pens	304		
Shrimp	3400		

7-11-58	E-5		
J. L. DARLING CORP. TACOMA, WASH. U. S. A.			
Return the Rain. WATERPROOF			
Time ¹⁶²⁰ 1720	POSITION	54° 40'	165° 10'
Depth 47-46	CABLE	140	
Rollers 260	742	91242	
Balls -258250	4° 5' 10"	-88753	400 405
2492	13' 11 1/2"	2489	14' 4 1/2"
	Wire Angle		
	fauna Sack No.	21495	
King Crab ♂ 53	♀ 299	Tagged	49 / 295
TANNER	42		
HAIRY	14		
HALIBUT	0		
* fish	0		
Bottle *	0		
Basket *	0		
Sponge	0		
Flat fish	2500		
Bullhead	150		
Cod	0		
	Mud		

Gross 2900 lbs

2500 lbs
Gross

J. L. DARLING CORP.
TACOMA, WASH. U.S.A.

Small Crabs
Unalaska

"Return the Paper"
WATERPROOF

Sex length -

M 17

F 15

F 13

F 18

F 16

M 16

F 15

F 13

M 15

M 15

F 18

F 16

M 19

F 17

M 17

F 17

M 41

M? 18

Rostrum to edge - 23

Phyllolithodes

BOOK-NO. 310

FILLER-NO. 311

LOOSE LEAF-NO. 312

Skipped blank pages

7-5-58. Anchored Port Moller 1700.

in Blow hole -

7-7-58 took water 1000 - departed

Port Moller -