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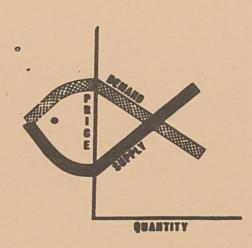
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Vessels in U.S. Fisheries,

by Gear Type, 1969

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by

File Manuscript No. 147

March 1973

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#### I. Introduction

Many vessels in U. S. fisheries are equipped with more than one type of gear, which enables the operators to participate in different fisheries (e.g., salmon, albacore tuna, and Dungeness crab fisheries on the west coast, or oyster, clam and blue crab fisheries in the Chesapeake Bay). Quite often in our investigations, information is needed on the extent of multifisheries involvement of fishing vessels. This information is not readily available from NMFS publications on fishery statistics. It is the purpose of this report to provide it.

Data on vessel <sup>1</sup>operating units for 1969, from the Statistics and Market News Division, NMFS, were processed to give the number of vessels with one, two, and three types of gear. Vessels were analyzed on a regional basis, with the exception of the Pacific coast which was divided into States. The results for each geographical area are presented in the following manner:

- (1) A listing of fishing gear and fisheries.
- (2) A table in matrix form presents the number of vessels by gear type, with single gear vessels shown in the principal diagonal, and two and three gear vessels to the right and to the left of the principal diagonal, respectively.
- (3) A summary table gives the total number of vessels participating in a fishery (based on data from preceding table).

TFishing craft of 5 net tonnage and over.

Geographical areas (regions and states), gear types, and code numbers correspond to those used in the NMFS statistical system. Of all the vessels accounted for, 70.4 percent were equipped with single gear, 23.1 percent - double gear, and 6.5 percent - with triple gear. Data in this report are presented in the following order:

Region 1 - New England

Region 2 - Middle Atlantic

Region 3 - Chesapeake

Region 4 - South Atlantic

Region 5 - Gulf of Mexico

Region 6 - (Pacific coast) -

- a. California
- b. Oregon and Washington
- c. Alaska

It should be noted that the total number of vessels in U. S. fisheries cannot be arrived at by adding the figures from tables presented in this report, for two reasons. First, vessels equipped with more than three types of gear are not accounted for. Second, many vessels migrate from one State to another (e.g., salmon or Dungeness crab vessels on the Pacific coast), or even between regions (e.g., menhaden purse seiners on the Atlantic coast and in the Gulf of Mexico). These vessels then are counted more than once, since they are accounted for in whatever fishery (by gear or by area) they are operated.

II. Vessels in U.S. Fisheries,
by Geographical Areas

# Region 1 - New England

States: Maine

New Hampshire Massachusetts Rhode Island Connecticut

Total number of vessels: 699

Number of vessels analyzed: 665 (95.9% of total)

	<u>Name</u>	Code number	Fishery (main species)
1.	Purse seines	110	herring
2.	Otter trawl	210	groundfish
3.	Otter trawl	212	lobster
4.	Otter trawl	215	shrimp
5.	Pots	350	lobster
6.	Lines - long or set with hooks	675	groundfish, tuna, swordfish
7.	Harpoons	751	swordfish
8.	Dredges	803	clams
9.	Dredges - common	815	oysters
10.	Dredges	825	scallops

		w		2					•	
Gear Code		210	212	215	350	675	751	803	815 825	Sum
ooue						nber	1/4			
110	2	5		<b>1</b> <sub>4</sub>				* 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		11
210		307	41	87	3		5	7	1,7	467
212			19				• •			19
215	• •	<u>2</u> 1/		30	2					34
350		3 <u>2</u> /			46				•	49
675		<u>2</u> 3/				7				9
751		2 <u>4</u> /					2			4
803								23	2 2	27
815									7	7
825		3 <u>5</u> /							35	38
1/	Include	d are:				litions litions				665

Vessels with additional gear #215

Included are: 1 vessel with additional gear #212 1 vessel with additional gear #215

Included are: 1 vessel with additional gear #110 1 vessel with additional gear #803

Vessels with additional gear #212

Region 1

TI2 -1	Ves	sel gr	oups*		
Fishery and gear type	1	2	3	Sum	
Herring - purse seines	2	9	2	13	
Groundfish - otter trawl	307	165	12	484	
- lines	7	_ '	2	9	
Swordfish - harpoons	2	5	2	9	
Lobster (Northern) - otter trawl	19	41	5	65	
- pots	46	5	3	54	
Shrimp - otter trawl	30	93	6	129	
Clams - dredges	23	11	1	35	
Oysters - dredges (common)	7	2	-	9	
Scallops - dredges	35	19	3	57	
Sum	478	350	36	864	

<sup>\*</sup>Vessel groups: 1 - vessels with one type of gear
2 - vessels with two different types of gear
3 - vessels with three different types of gear

# Region 2 - Middle Atlantic

States: New York

New Jersey Delaware

Total number of vessels:

498

Number of vessels analyzed: 482 (96.8% of total)

		Name	Code	number	Fishery (main species)
	1.	Purse seines		125	menhaden
	2.	Otter trawl		210	groundfish
	∂ 3.	Otter trawl		212	lobster (Northern)
	4.	Pots		350	lobster (Northern)
	5.	Gill nets - drift		470	bluefish, mackerel, menhaden
	6.	Gill nets - runaround	ere ur	475	bluefish, striped bass, sea trout
	7.	Lines - long or set			
	,**·.	with hooks		675	cod, swordfish
	8.	Dredges		803	clams
	9.	Dredges - common		815	oysters
]	0.	Dredges		825	scallops

Region 2 Vessels by Gear Type

Gear Code	125	210	212	350	470	475	675	803	815	825	Sum
					<u>N</u> ı	mber-					
125	14	6								<del></del> 	20
210		156	48	4		3		5		10	226
212			13						• .		13
350				14	2	1	3	•			20
470					8		2				11
475			,		21/	1			8		3
675			•				8				8
803		•						114	6		120
815				•		Š	• • •	•	23		23
825		3 <u>2</u>	/ ***** <sub>*</sub> *							35	38
											482

<sup>1/</sup> Included are: 1 vessel with additional gear #210
1 vessel with additional gear #350

<sup>2/</sup> Vessels with additional gear #212

Region 2

	37 -	7		<del> </del>
Fishery and gear type	ves 1	ssel gr	3 3	Sum
Menhaden - purse seines	14	6 <sub>1</sub>	_	20
Finfish - gill nets, drift	8	5	2	15
gill nets, runaround	. 1	5	8	8
Groundfish - otter trawl	156	. 76	4	236
lines	8	5	-	13
Lobster (Northern) - otter trawl	13	48	3 ,	64
pots	14	10	1 :	25
Clams - dredges	114	11	-	125
Oysters - dredges (common)	23	6	_	29
Scallops - dredges	35	10	3	48
Sum	386	182	15	583

<sup>\*</sup>Vessel groups: 1 - vessels with one type of gear
2 - vessels with two different types of gear
3 - vessels with three different types of gear

# Region 3 - Chesapeake

States: Maryland Virginia

Total number of vessels:

**1,5**19

Number of vessels analyzed: 1,512 (99.5% of total)

	Name	Code number	Fishery (main species)
1.	Haul seines, common	020	bass, perch, other finfish
2.	Purse seines	125	menhaden
3.	Otter trawl	210	groundfish
4.	Pound nets	275	alewives, menhaden
5.	Pots	330	blue crab
6.	Gill nets - anchor	425	bass, shad, perch
7.	Gill nets - drift	470	bass, shad, perch
8.	Trot lines	680	blue crab
9.	Dredges	803	clams
10.	Dredges	805	blue crab
11.	Dredges, common	815	oysters
12.	Dredges	825	scallops
13.	Tongs	840	oysters
14.	Tongs	845	clams

# Vessels by Gear Type

Gear																
Code	020	125	210	275	330	425	470	680	803	805	815	825	840	845	Sum	
			# # # # <u>#</u> # # #			<u>Numb</u>	<u>er</u>									
020	6					1,1	1					n.	8		16	
125		27												•	27	•
210			56				5					26			87	
275		**		34	2	6		1		3	2	•	2		50	
330					155	10	1	6	7	20	6		123	14	342	
425	<u>,1</u> /		7 <u>2</u> /			20	6	ւ 14 <sup>-</sup>			1		19		62	
470	6 <u>3</u> /					194/	6	e	1				6		38	
680	<u>1<sup>5</sup>/</u>			•		13 <u>6</u> /		25					57		96	
803					<u>147</u> /				98	2	i		28	1	134	
805					3 <u>8</u> /					108	. 8		3	14	126	
815	<u>19</u> /				2 <u>10</u> /	2 <u>11</u> /					110		27	2	144	
825												5	•		5	
840	1 <u>12</u> /			<sub>5</sub> 13/	17 <u>14</u> /	33 <sup>15</sup> /	<sub>3</sub> 16/		,		14 <u>17</u>		264	11	348	
845			•		11 <u>18</u> /		5		1 <u>19</u> /	,	120		204	24	340	

1,512

	<u>1</u> /	Included are: 4 vessels with additional gear #275 1 vessel with additional gear #330
	2/	All vessels with additional gear #330
		Included are: 1 vessel with additional gear #210
	6	5 vessels with additional gear #330
	4/	Included are: 4 vessels with additional gear #275
	—	15 vessels with additional gear #330
	-5/	Vessel with additional gear #330
	₹/	Vessel with additional gear #330 Included are: 1 vessel with additional gear #020
		l vessel with additional gear #275
		4 vessels with additional gear #330
		7 vessels with additional gear #470
	7/	Included are: 1 vessel with additional gear #275
		3 vessels with additional gear #425
	8/	Included are: 1 with additional gear #425
	_	2 vessels with additional gear #803
	9/	Vessel with additional gear #680
72	10/	Vessels with additional gear #805
10	11/	Included are: 1 vessel with additional gear #275
		l vessel with additional gear #805
	12/	Vessel with additional gear #803
	13/	Included are: 4 vessels with additional gear #330
		l vessel with additional gear #805
	14/	Included are: 1 vessel with additional gear #470 13 vessels with additional gear #680
		3 vessels with additional gear #805

```
15/ Included are: 2 vessels with additional gear #020
                  3 vessels with additional gear #275
                  9 vessels with additional gear #330
                  9 vessels with additional gear #470
                  9 vessels with additional gear #680
                  l vessel with additional gear #815
16/ Included are: 2 vessels with additional gear #680
                  l vessel with additional gear #805
17/ Included are: 3 vessels with additional gear #020
                  2 vessels with additional gear #330
                  1 vessel with additional gear #680
                  8 vessels with additional gear #805
18/ Included are: 1 vessel with additional gear #425
                  2 vessels with additional gear #680
                  l vessel with additional gear #815
                  7 vessels with additional gear #840
19/ Vessel with additional gear #805
20/ Vessel with additional gear #840
```

Region 3

	Ves	sel gro	ups#		
Fishery and gear type	11	2	3	Sum	_
Menhaden - purse seines	27	-	_	27	
pound nets	34	16	19	69	
Finfish - haul seines	6	10	20	36	
gill nets, anchor	20	47	84	151	
gill nets, drift	6	20	45	71	
Groundfish - otter trawl	56	31	8	95	
Crabs, blue - pots	155	189	85	429	
trot lines	25	68	42	135	
dredges	108	40	20	168	
Clams - dredges	98	40	8	146	
tongs	24	32	13	69	
Oysters - dredges (common)	110	47	22	179	
tongs	264	284	81	629	
Scallops - dredges	5	26	· <u>-</u>	31	
Sum	938	850	447 2	2,235	

<sup>\*</sup>Vessel groups: 1 - vessels with one type of gear
2 - vessels with two different types of gear
3 - vessels with three different types of gear

# Region 4 - South Atlantic

States: North Carolina

South Carolina

Georgia Florida (East Coast)

Total number of vessels: 1,186

Number of vessels analyzed: 1,180 (99.5% of total)

	Name	Code number	Fishery (main species)
1.	Purse seines	125	menhaden
2.	Otter trawl	205	blue crab
3.	Otter trawl	210	groundfish
4.	Otter trawl	215	shrimp
5.	Pots	330	blue crab
6.	Pots	345	bass, catfish, other finfish
7.	Pots	355	spiny lobster
8.	Gill nets - anchor	425	finfish
9.	Gill nets - runaround	475	finfish
10.	Lines - hand	610	grouper, snapper, other finfish
11.	Lines - troll	660	king mackerel
12.	Dredges	803	clams
13.	Dredges - common	815	oysters

Gear			13 <del>-</del> 1											
Code	125	205	210	215	330	345	355 -Number-	425	475	610	660	803	815	Sum
125	1,1,			•								n en		44
205		5	2	84								•		91
210		•	21	48								٠.	•	69
215		35 <u>1</u> /		712	4	25	2	1		5			2	786
330					3									3
345						17				1	1			19
355							102	*.	7	5	1			115
425								3 ,						3
475	2	•	*					•	6	3	1			10
610										23	2			25
660											8	ţ		8
803				:		***						2		2
815				1 <u>2</u> /									14	5

1,180

<sup>1/</sup> Included are: 22 vessels with additional gear #210 l vessel with additional gear #330 12 vessels with additional gear #815 2/Vessel with additional gear #425

Region 4

		ssel gr	_	Sum	
Fishery and gear type	l	2 ·		Dun	
Menhaden - purse seines	44	, * <u>-</u> '		1414	•
Mackerek (king) - troll lines	8	5	_	13	
Finfish - pots	17	27	-	44	
gill nets, anchor	3	1	1	5	
gill nets, runaround	6	11	_	17	
hand lines	23	16	·	39	
Groundfish - otter trawl	21	50	22	93	
Crab (blue) - otter trawl	5	86	35	126	
pots	3	4	1	8	
Lobster (spiny) - pots	102	15	· <b>-</b>	117	
Shrimp - otter trawl	712	171	36	919	
Clams - dredges	2	, t	· • <del>-</del>	2	
Oysters - dredges (common)	4	2	13	19	
Sum	950	388	108	1,446	
		-			

<sup>\*</sup>Vessel groups: 1 - vessels with one type of gear 2 - vessels with two different types of gear

<sup>3 -</sup> vessels with three different types of gear

# Region 5 - Gulf of Mexico

States: Florida (West Coast)

Alabama Mississippi Louisiana Texas

Total number of vessels: 4,320

Number of vessels analyzed: 4,307 (99.7% of total)

	Name	Code number	Fishery (main species)
1.	Haul seines - common	020	finfish
2.	Purse seines	110	thread herring
3.	Purse seines	125	menhaden
4.	Butterfly nets	189	shrimp
5.	Otter trawl	210	groundfish
6.	Otter trawl	215	shrimp
7.	Pots	333	stone crab
8.	Pots	355	spiny lobster
9.	Gill nets - runaround	475	finfish
10.	Trammel nets	530	finfish
11.	Lines - hand	610	grouper, snapper, and other finfish
12.	Lines - troll	660	king mackerel, sea trout
13.	Dredges - common	815	oysters
14.	Tongs	840	oysters

Gear Code	020	110	125	189	210	215	333	355	475	530	610	660	815	840	Sum
020	5					1	- <u>Numbe</u>	<u>r</u>	7						13
110	1 <b>.</b>	3							• • •				y		3
125	•		72												72
189				3		13							1		17
210					11	42				ı	. •		1	•	55
215		<u>1</u> 1/				3275		14	2	2	37		179	6	3,506
333							2	3	1	2	1				9
355							<u>5</u> 2/	49	5		12	4			75
475	2.5					2 <sup>3</sup> /			27	3	1				33
530			•	. *					3 <sup>1</sup> /	6		•			9
610	•								6 <u>5</u> /		247	8		. •	261
660								<u>5</u> 6/		<b>,</b>		2		•	7
815								1	·				247		247
840									· · · · · · · · · · · · · · · · · · ·					0	0
			<del> </del>												4,307

브

1/ Vessel with additional gear #125

2/Included are: 1 vessel with additional gear #215

3 vessels with additional gear #475

l vessel with additional gear #610

3/ Included are: 1 vessel with additional gear #020

1 vessel with additional gear #355

4/ Included are: 2 vessels with additional gear #020

l vessel with additional gear #215

5/-Included are: 1 vessel with additional gear #215

4 vessels with additional gear #355

1 vessel with additional gear #530

6/Included are: 1 vessel with additional gear #475

4 vessels with additional gear #610

Region 5

	Ve	ssel gi	coups*		
Fishery and gear type		2	3	Sum	
Menhaden - purse seines	72	. <b>-</b>	1	73	
Herring (thread) - purse seines	3		1	14	
Mackerel (king) - troll lines	2	12	5	19	
Finfish - haul seines	5	8	3	16	
gill nets, runaround	27	19	15	61	
trammel nets	6	8	` 4	18	
hand lines	247	59	11	317	
Groundfish - otter trawl	1,1	44	, ··	55	
Crab (stone) - pots	2	7	5	14	÷
Lobster (spiny) - pots	49	28	15	92	
Shrimp - otter trawl	3,275	286	6	3,567	
butterfly nets	3	14	-	17	
Oyster - dredges (common)	247	181		428	
tongs		6	-	6	
Sum	3,949	672	66	4,687	

<sup>\*</sup>Vessel groups: 1 - vessels with one type of gear
2 - vessels with two different types of gear
3 - vessels with three different types of gear

# Region 6 - Pacific Coast

State: California

Total number of vessels: 1,914

Number of vessels analyzed: 1,895 (99% of total)

	Name	Code number	Fishery (main species)
ı.	Purse seines	103	anchovy
2.	Purse seines	120	mackerel
3.	Purse seines	140	tuna (yellowfin, skipjack)
4.	Lampara nets	175	mackerel, anchovy
5.	Otter trawl	210	groundfish
6.	Otter trawl	215	shrimp
7.	Pots	331	dungeness crab
8.	Pots	355	spiny lobster
9.	Gill nets - drift	460	sea bass
10.	Lines - hand .	601	tuna (albacore)
11.	Lines - hand	605	rockfish, flounder
12.	Lines - hand	607	tuna (yellowfin, skipjack)
13.	Lines - hand (other)	610	bonito, sea bass
14.	Lines - troll	650 ·	salmon
15.	Lines - troll	655	albacore tuna
16.	Lines - long or set with hooks	675	California halibut and other groundfish
17.	Harpoon	751	swordfish
18.	Diving outfit	941	abalone

Vessels by Gear Type

Gear Code	103	120	140	175	210	2]5	331	355	460	601	605	607	610	650	655	675	751	941	Sum
103	3	6						<u>Numb</u> e	<u>:r</u>						1				. 10
120	•	2	16	4					1	<b>V</b>					1	•		*	24
140			95						. · .										95
175			111/	1.		•										- 2			12
210					28	25									. 7				60
215		n .		•		0 .	2												2
331					<u>/2</u> و		4							31	11	•			55
355			•					2	1	1	2	1		1	26	2	2	<b>,7</b>	45
460									3	. 1					11				15
601					* •					10	1.	40			19	. 3	1	1	75
605					•				1 <u>3</u> /		4			1	43	1	2		52
607		**										12	•			•			12
610			1 <u>4</u> /								115/		1		5				18
650					26/		<sub>5</sub> 7/		- 1 / - 1	1 <u>8</u> /				126	660	1		1	796
655					4 <u>9</u> /		<sub>305</sub> 10/	1811/		3 <sup>12</sup> /	2413			2214/	173	11	6	3	569
675		<u>1</u> 1	<u>5</u> /	:	·						116/			•	1117/	6		i	20
751								318/			119/				<sub>5</sub> 20/		5	3	17
941			4		· · · · · · · · · · · · · · · · · · ·						2 <u>21</u> /				<u>922/</u>	٠.,		<sup>1</sup> 4	18

23

1/ Vessels with additional gear #120	
$\underline{2}$ / Vessels with additional gear #215	
3/ Vessel with additional gear #601	
$\underline{4}$ / Vessel with additional gear #120	
5/ Included are: 1 vessel with additional gear #331 2 vessels with additional gear #355 8 vessels with additional gear #601	
6/ Vessels with additional gear #215	
7/ Included are: 1 vessel with additional gear #601 3 vessels with additional gear #605 1 vessel with additional gear #610	
8/ Vessel with additional gear #605	
<pre>9/ Included are: 1 vessel with additional gear #605 3 vessels with additional gear #650</pre>	
10/ Included are: 1 vessel with additional gear #601 304 vessels with additional gear #650	
11/ Included are: 3 vessels with additional gear #460 2 vessels with additional gear #601 12 vessels with additional gear #605 1 vessel with additional gear #650	
12/ Included are: 1 vessel with additional gear #607 2 vessels with additional gear #610	

```
13/ Included are: 7 vessels with additional gear #601 17 vessels with additional gear #610
14/1 ncluded are: 1 vessel with additional gear #460 5 vessels with additional gear #601 2 vessels with additional gear #605
                        12 vessels with additional gear #675
1 vessel with additional gear #751
                         1 vessel with additional gear #941
15/ Vessel with additional gear #103
16/ Vessel with additional gear #610
17/ Included are: 2 vessels with additional gear #210 1 vessel with additional gear #215
                         2 vessels with additional gear #355
                        l vessel with additional gear #450
4 vessels with additional gear #601
                         l vessel with additional gear #607
18/: Vessels with additional gear #675
19/ Yessel with additional gear #610
20/ Included are: 1 vessel with additional gear #355
                         2 vessels with additional gear #605
                         2 vessels with additional gear #675
21/ Included are: 1 vessel with additional gear #610
                         1 vessel with additional gear #650
22/ Included are: 3 vessels with additional gear #355
1 vessel with additional gear #605
                         2 vessels with additional gear #675
                         3 vessels with additional gear #751
```

Region 6- California

	<del>-                                    </del>	essel g	rouns*	
Fishery and gear type	1	2	3	Sum
Anchovy - purse seines	3	7	1	11 -
lampara nets	1	4	11	16
Mackerel - purse seines	2	28	13	43
Tuna (albacore) - hand lines (bait boats)	10	67	33	110
troll lines	173	804	401	1,378
Tuna (yellowfin, skipjack) - purse seines	95	16	12	· 123
hand lines (bait boats)	12	41	2	55
Salmon - troll lines	126	695	339	1,160
Sea bass - gill nets (drift)	3	14	- 6	23
hand lines (other)	1	5	35	41
Swordfish - harpoon	5	14	13	32
Groundfish - otter trawl	28	32	17	77
hand lines	4	50	62	116
long lines	6	19	32	57
Dungeness crab - pots	· 4	1414	320	368
Lobster (spiny) - pots	2	43	29	74
Shrimp - otter trawl	0	27	12	39
Abalone - diving outfit	7	16	12	35
Sum	482	1,926	1,350	3,758

<sup>\*</sup>Vessel groups:

<sup>1 -</sup> vessels with one type of gear
2 - vessels with two different types of gear
3 - vessels with three different types of gear

# Region 6 - Pacific Coast

States: Oregon
Washington

Total number of vessels: 2,598

Number of vessels analyzed: 2,306 (88.8% of total)

	<u>Name</u> <u>C</u>	Code number	Fishery (main species)
1.	Haul seines - common	020	herring, perch, smelt
2.	Purse seines	110	herring
3.	Purse seines	130	salmon
4.	Otter trawl	210	groundfish
5.	Otter trawl	215	shrimp
6.	Pots	331	crab (dungeness)
7.	Gill nets - drift	455	salmon
8.	Lines - hand	601	tuna (albacore)
9.	Lines - troll	650	salmon
10.	Lines - troll	655	tuna (albacore)
11.	Lines - troll	660	lingcod
12.	Lines - long or set with hooks	675	halibut, black cod
13.	Dredges	803	clams
14.	Dredges - common	815	oysters

Vessels by Gear Type

lear lode	020	110	130	210	215	331	455	601	650	655	660	675	803	815	Sum
020	10						<u>N</u> 5	lumber		1					16
110		1											•		1
.30			257	41		8	2		1	4					313
210		11/	•	53	8		2	1	1	7		2	• •		75
215		÷ *		•	11	7			4	3		1			26
31				5 <u>2</u> /		40	15		36	30				,	126
55			<u>1</u> 3/	• '			284		17		ı				303
01								41	1	1					43
50			•	5 <u>4</u> /		<sub>5</sub> 5/	4 <u>6</u> /	•	516	492	1	2		1	1,026
55		•			/آو	85 <u>8</u> /			<sub>8</sub> 2/	189		19			310
60										•	1		•		1
575	4.		1 <u>10</u> /									35			36
303									. \				3		3
B15														27	27
										· · · · · · · · · · · · · · · · · · ·					2,306

Region 6 - Oregon and Washington - Vessels by Gear Type (continued)

- 1/ Yessel with additional gear #130
- 2/ Vessels with additional gear #215
- 3/ Vessel with additional gear #210
- 4/ Vessels with additional gear #215
- 5/ Included are: 2 vessels with additional gear #210
  - l vessel with additional gear #215
  - 2 vessels with additional gear #455
- 6/ Included are: 2 vessels with additional gear #655
  - 2 vessels with additional gear #660
- 7/ Included are: 8 vessels with additional gear #210
  - l vessel with additional gear #650
- 8/ Included are: 6 vessels with additional gear #215
  - 78 vessels with additional gear #650
  - 1 vessel with additional gear #675
- 9/ Included are: 6 vessels with additional gear #660
  - 2 vessels with additional gear #675
- 10/ Vessel with additional gear #110

Region 6 - Oregon and Washington

					<u> </u>
		essel	-		
Fishery and gear type	1	2	3	Sum	
Herring (sea) - haul seines	10	6	·	16	
purse seines	1	_	2	3	
Salmon - purse seines	257	56	3	316	
gill nets	284	42	7	333	
troll lines	516	556	101	1,173	1
Tuna (albacore) - hand lines	41	3	<u>-</u>	44	
troll lines	189	557	104	<b>₹850</b>	
Groundfish - otter trawl	53	62	22	137	
troll lines	1	2	8	11	
long lines (halibut)	35	24	14	63	
Crabs (dungeness) - pots	40	96	95	231	
Shrimp - otter trawl	11	23	26	60	
Clams - dredges	3		_	3	
Oysters - dredges (common)	27	1	-	28	
Sum	1,468	1,428	372	3,268	

<sup>\*</sup>Vessel groups: 1 - vessels with one type of gear
2 - vessels with two different types of gear
3 - vessels with three different types of gear

# Region 6 - Pacific Coast

State: Alaska

Total number of vessels: 1,974

Number of vessels analyzed: 1,974

	<u>Name</u>	Code number	Fishery (main species)
1.	Purse seines	110	herring
2.	Purse seines	130	salmon
3.	Beam trawl	192	shrimp
4.	Otter trawl	210	groundfish
5.	Otter trawl	215	shrimp
6.	Pots	331	dungeness crab
7.	Pots	332	king crab
8.	Pots	333	tanner crab
9.	Gill nets - anchor	415	salmon
10.	Gill nets - drift	455	salmon
11.	Lines - troll	650	salmon
12.	Lines - long or set with hooks	675	halibut
13.	Dredges	825	scallop

Sum	825	675	650	455	415	333	332 Number		331	215	210	192	130	110	Gear Code
11	•	2					Number			1			7	1	110
619	•	41	<b>38</b> 1 2	89	8	•	17		1		ı	2	422		130
8				2		•				1		5			192
2		1									1			•	210
17							1		1	13	•	<u>1</u> 2/		1 <u>1</u> /	215
29		1		2	2		12		12			•			331
142		1	1	1		62	62			1 <u>4</u> /			14 <u>3</u> /		332
45						1	445/								.333
13		•		14	7.		<u>2</u> 6/								415
467		37	27	385			<u>3</u> 8/						<sub>15</sub> <u>1</u> /		455
495		42	445	2 <u>12</u> /			111/	<u>o</u> /	1 <u>10</u>				/ <u>9</u> ر		650
113		63	1815/	**************************************			3 <sup>14</sup> /						29 <sup>13</sup> /		675
13	12						1 <sup>16</sup> /						• 10 10 10 10 10 10 10 10 10 10 10 10 10		825

30

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1/ Vessel with additional gear #130
 2/ Vessel with additional gear #210
 3/ Included are: 3 vessels with additional gear #110
                   l vessel with additional gear #192
                   10 vessels with additional gear #331
 4/Vessel with additional gear #331
 5/ Included are: 29 vessels with additional gear #130
                    3 vessels with additional gear #215
                   12 vessels with additional gear #331
 6/V essels with additional gear #333
 7/ I ncluded are: 2 vessels with additional gear #110
                   5 vessels with additional gear #331
                   3 vessels with additional gear #332
                   5 vessels with additional gear #415
 8/V essels with additional gear #333
 9/I ncluded are: 1 vessel with additional gear #331
                   3 vessels with additional gear #455
10/V essel with additional gear #455
11/V essel with additional gear #333
12/I ncluded are: 1 vessel with additional gear #332
                  l vessel with additional gear #415
```

- 13/ Included are: 1 vessel with additional gear #332
  2 vessels with additional gear #415
  5 vessels with additional gear #455
  21 vessels with additional gear #650
- 14, Vessels with additional gear #333
- 15/ Included are: 1 vessel with additional gear #331 1 vessel with additional gear #332 1 vessel with additional gear #415 15 vessels with additional gear #455
- 16/ Vessel with additional gear #333

Region 6 - Alaska

Fishery and gear type	Vess l	sel grou <u>r</u> 2	os* 3	Sum	
Herring - purse seines	1	10	6	17	
Salmon - purse seines	422	204	92	718	
gill nets, anchor	7 .	14	11	32	
gill nets, drift	385	162	44	591	
troll lines	445	108	47	600	
Groundfish - otter trawl	1	2	. 1	4	
long lines	63	125	50	238	
Dungeness crab - pots	12	19	31	62	•
King crab - pots	62	95	75	232	
Tanner crab - pots	1	62	54	117	
Shrimp - beam trawl	5	5	2	12	
otter trawl	13	4	6	23	
Scallop - dredges	12	- -	1	13	
Sum	1,429	810	420	2,659	

<sup>\*</sup>Yessel groups: 1 - vessels with one type of gear 2 - vessels with two different types of gear

<sup>3 -</sup> vessels with three different types of gear

