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Summaries
of Foreign and Joint Venture
Groundfish Catches (metric tons)
in the Northeast Pacific Ocean
and Bering Sea, 1989

May 1990

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SUMMARIES OF FOREIGN AND JOINT VENTURE GROUND FISH CATCHES
(METRIC TONS) IN THE NORTHEAST PACIFIC OCEAN AND BERING SEA, 1989

Compiled by

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This booklet contains summaries of 1989 foreign and joint venture groundfish catches as estimated by the U.S. Observer Program. Catch estimates consist of a blend of vessel reports and observer data within week-nation-area-vessel class data cells. Observer data were used when coverage within a data cell was at least 20%; vessel reports were used when coverage was less than 20%. A further qualification is that if the observed estimate of a species was within 10% of the vessel report, the vessel report was used. Statistical areas of the northeast Pacific Ocean and Bering Sea are shown in Figure 1.

No groundfish resources were allocated for either foreign or joint venture fishing in the Gulf of Alaska in 1989. Off the Washington-Oregon-California coast, no groundfish resources were allocated for foreign fishing.

In 1989, target fisheries were defined in the following way: a vessel's target was defined as "yellowfin sole/flatfish" if the combination of yellowfin sole, rock sole, and other flatfish (excluding Greenland turbot, arrowtooth flounder, and Kamchakta flounder) was at least 20% of a vessel's weekly catch, "pollock mid-water" if pollock constituted at least 95% of the catch, "pollock bottom" if the combination of pollock and cod was at least 50% and Pacific cod was less than 5%, "non-specific" if the combination of pollock and Pacific cod was at least 50% and Pacific cod was at least 5%, and "Atka mackerel" if Atka mackerel constituted at least 20%. If a vessel's weekly catch failed to meet any of the above conditions, the target was "non-specific."

Descriptions of other terms employed will be given in later sections.

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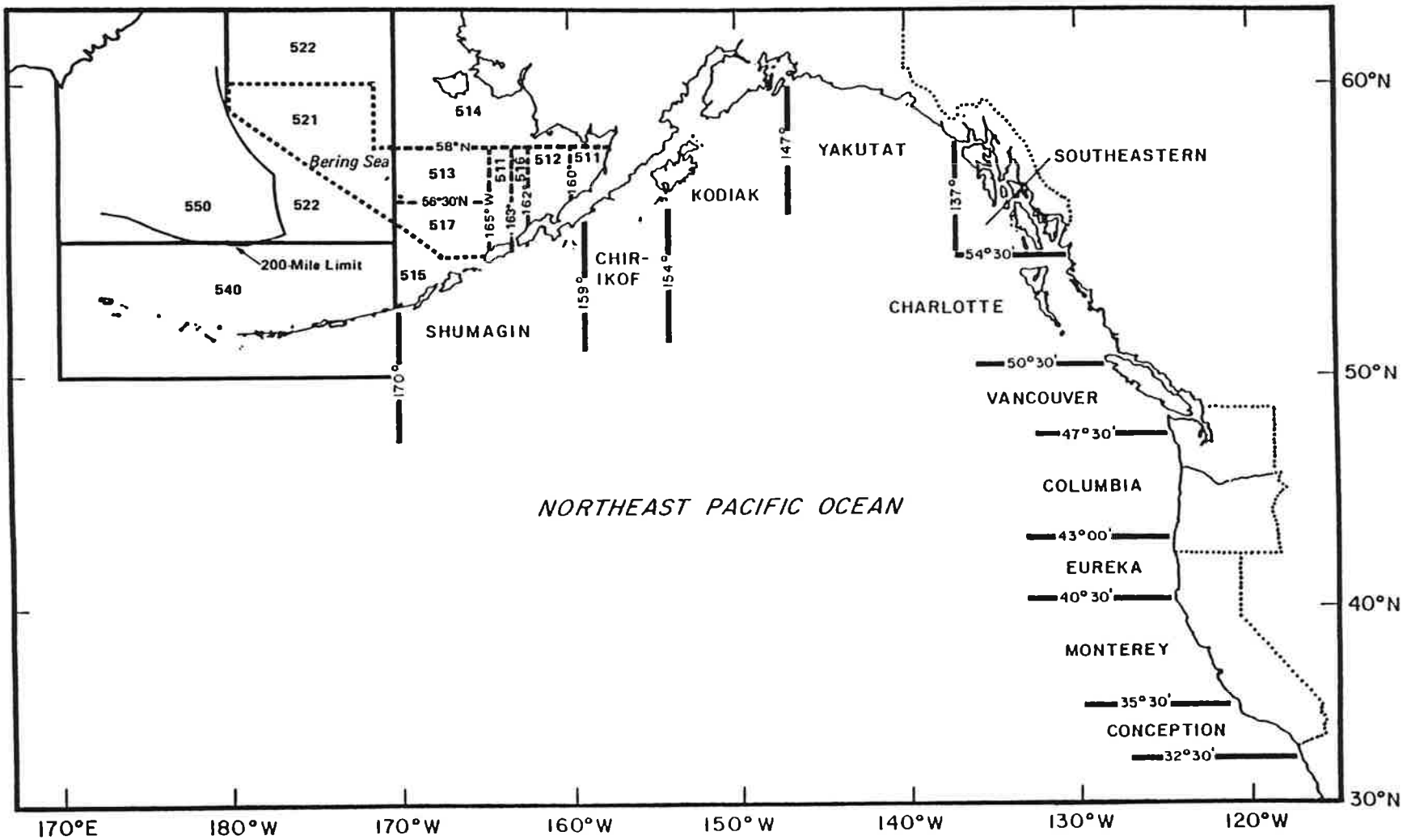


Figure 1. - Statistical areas of the Bering Sea and northeastern Pacific Ocean.

BERING SEA/ALEUTIAN ISLANDS GROUND FISH FISHERY

In 1989, Japan, the U.S.S.R., the Republic of Korea (ROK), Poland, and the People's Republic of China (PRC) participated in joint venture fisheries in the Bering Sea/Aleutian Islands region. The U.S.S.R. participated in the foreign fishery.

The following descriptions and species groups apply to the summary tables for the Bering Sea/Aleutian Islands joint venture and foreign fisheries.

Joint Venture Vessel Classes

Along with the target descriptions given on page 2, vessel class includes the designation "FJV" or "SJV". "FJV" describes foreign processing vessels which produce frozen products from catches received from U.S. fishing vessels, and "SJV" describes foreign processing vessels which additionally have the capability to produce surimi.

Foreign Vessel Classes

Snail pot - independent vessels fishing strings of pots for snails

Species groups

Pollock	- <u>Theragra chalcogramma</u>
Pacific cod	- <u>Gadus macrocephalus</u>
Sablefish	- <u>Anoplopoma fimbria</u>
Atka mackerel	- <u>Pleurogrammus monopterygius</u>
POP	- Pacific ocean perch, <u>Sebastes alutus</u> , Rougheye rockfish, <u>S. aleutianus</u> , Northern rockfish, <u>S. polyspinus</u> , Sharpchin rockfish, <u>S. zacentrus</u> , and Shortraker rockfish, <u>S. borealis</u>
Other rockfish	- all rockfish except POP
Arrowtooth	- arrowtooth flounder, <u>Atheresthes stomias</u> , and Kamchatka flounder, <u>A. erermanni</u>
Yellowfin sole	- <u>Limanda aspera</u>
Rock sole	- <u>Lepidopsetta bilineata</u>
Greenland turbot	- <u>Reinhardtius hippoglossoides</u>
Other flounders	- all flounders except yellowfin sole, rock sole, Greenland turbot, arrowtooth flounder, and Kamchatka flounder
Squid	- all species of squid
Herring	- <u>Clupea harengus pallasii</u>
Other fish	- sharks, skates, rays, sculpins, smelts, eulachon, capelin, and octopus
Snails	- all species of snails (only reported aboard snail pot vessels)

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989.

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	POLLOCK	BERING SEA 511	OTHER SJV	1	950.90
BERING SEA	POLLOCK	BERING SEA 511	OTHER FJV	1	1307.95
BERING SEA	POLLOCK	BERING SEA 511	OTHER FJV	2	123.99
BERING SEA	POLLOCK	BERING SEA 511	OTHER FJV	12	60.03
BERING SEA	POLLOCK	BERING SEA 511	YELL/FLT SJV	1	108.49
BERING SEA	POLLOCK	BERING SEA 511	YELL/FLT SJV	2	471.94
BERING SEA	POLLOCK	BERING SEA 511	YELL/FLT SJV	3	360.24
BERING SEA	POLLOCK	BERING SEA 511	YELL/FLT FJV	1	653.92
BERING SEA	POLLOCK	BERING SEA 511	YELL/FLT FJV	2	2757.77
BERING SEA	POLLOCK	BERING SEA 511	YELL/FLT FJV	3	1498.39
BERING SEA	POLLOCK	BERING SEA 511	POLL-BOT FJV	9	174.01
BERING SEA	POLLOCK	BERING SEA 511	POLL-BOT FJV	12	33.09
BERING SEA	POLLOCK	BERING SEA 511	POLL-MID FJV	1	2766.79
BERING SEA	POLLOCK	BERING SEA 511	POLL-MID FJV	9	611.67
BERING SEA	POLLOCK	BERING SEA 511	POLL-MID FJV	10	5.81
BERING SEA	POLLOCK	BERING SEA 511	POLL-MID SJV	1	6750.97
BERING SEA	POLLOCK	BERING SEA 511	POLL-MID SJV	9	1571.75
BERING SEA	POLLOCK	BERING SEA 513	OTHER SJV	9	7332.36
BERING SEA	POLLOCK	BERING SEA 513	OTHER SJV	10	79.69
BERING SEA	POLLOCK	BERING SEA 513	OTHER FJV	1	190.13
BERING SEA	POLLOCK	BERING SEA 513	OTHER FJV	2	107.75
BERING SEA	POLLOCK	BERING SEA 513	OTHER FJV	9	1398.09
BERING SEA	POLLOCK	BERING SEA 513	OTHER FJV	10	167.74
BERING SEA	POLLOCK	BERING SEA 513	OTHER FJV	12	32.80
BERING SEA	POLLOCK	BERING SEA 513	YELL/FLT SJV	11	56.75
BERING SEA	POLLOCK	BERING SEA 513	YELL/FLT FJV	3	2082.80
BERING SEA	POLLOCK	BERING SEA 513	YELL/FLT FJV	9	1291.94
BERING SEA	POLLOCK	BERING SEA 513	YELL/FLT FJV	10	639.31
BERING SEA	POLLOCK	BERING SEA 513	YELL/FLT FJV	11	1004.82
BERING SEA	POLLOCK	BERING SEA 513	YELL/FLT FJV	12	139.27
BERING SEA	POLLOCK	BERING SEA 513	POLL-BOT FJV	9	318.41
BERING SEA	POLLOCK	BERING SEA 513	POLL-MID FJV	1	1051.13
BERING SEA	POLLOCK	BERING SEA 513	POLL-MID FJV	9	187.00
BERING SEA	POLLOCK	BERING SEA 513	POLL-MID SJV	1	1664.68
BERING SEA	POLLOCK	BERING SEA 513	POLL-MID SJV	10	2695.20
BERING SEA	POLLOCK	BERING SEA 513	POLL-MID SJV	11	2093.90
BERING SEA	POLLOCK	BERING SEA 514	YELL/FLT FJV	9	1132.09
BERING SEA	POLLOCK	BERING SEA 514	YELL/FLT FJV	10	348.70
BERING SEA	POLLOCK	BERING SEA 514	YELL/FLT FJV	11	3.37
BERING SEA	POLLOCK	BERING SEA 514	YELL/FLT FJV	12	185.79
BERING SEA	POLLOCK	BERING SEA 515	OTHER FJV	1	0.71
BERING SEA	POLLOCK	BERING SEA 515	OTHER FJV	2	2.05
BERING SEA	POLLOCK	BERING SEA 515	OTHER FJV	9	29.69
BERING SEA	POLLOCK	BERING SEA 515	OTHER FJV	12	25.70

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	POLLOCK	BERING SEA 515	POLL-BOT FJV	9	86.75
BERING SEA	POLLOCK	BERING SEA 515	POLL-BOT FJV	10	32.02
BERING SEA	POLLOCK	BERING SEA 515	POLL-BOT FJV	12	129.09
BERING SEA	POLLOCK	BERING SEA 515	POLL-MID FJV	1	20.94
BERING SEA	POLLOCK	BERING SEA 515	POLL-MID FJV	12	377.22
BERING SEA	POLLOCK	BERING SEA 515	POLL-MID SJV	9	443.38
BERING SEA	POLLOCK	BERING SEA 515	POLL-MID SJV	10	35.95
BERING SEA	POLLOCK	BERING SEA 516	YELL/FLT SJV	2	1335.68
BERING SEA	POLLOCK	BERING SEA 516	YELL/FLT SJV	3	124.64
BERING SEA	POLLOCK	BERING SEA 516	YELL/FLT FJV	2	4667.60
BERING SEA	POLLOCK	BERING SEA 516	YELL/FLT FJV	3	470.77
BERING SEA	POLLOCK	BERING SEA 517	OTHER SJV	1	448.99
BERING SEA	POLLOCK	BERING SEA 517	OTHER SJV	2	103.90
BERING SEA	POLLOCK	BERING SEA 517	OTHER SJV	9	4671.79
BERING SEA	POLLOCK	BERING SEA 517	OTHER FJV	1	1604.07
BERING SEA	POLLOCK	BERING SEA 517	OTHER FJV	2	1318.47
BERING SEA	POLLOCK	BERING SEA 517	OTHER FJV	9	1840.11
BERING SEA	POLLOCK	BERING SEA 517	OTHER FJV	12	815.04
BERING SEA	POLLOCK	BERING SEA 517	YELL/FLT FJV	2	121.86
BERING SEA	POLLOCK	BERING SEA 517	YELL/FLT FJV	3	1751.08
BERING SEA	POLLOCK	BERING SEA 517	YELL/FLT FJV	9	12.96
BERING SEA	POLLOCK	BERING SEA 517	POLL-BOT FJV	3	41.50
BERING SEA	POLLOCK	BERING SEA 517	POLL-BOT FJV	9	906.12
BERING SEA	POLLOCK	BERING SEA 517	POLL-MID FJV	1	14418.58
BERING SEA	POLLOCK	BERING SEA 517	POLL-MID FJV	3	22.65
BERING SEA	POLLOCK	BERING SEA 517	POLL-MID FJV	9	7519.11
BERING SEA	POLLOCK	BERING SEA 517	POLL-MID FJV	10	7405.44
BERING SEA	POLLOCK	BERING SEA 517	POLL-MID FJV	11	6138.22
BERING SEA	POLLOCK	BERING SEA 517	POLL-MID FJV	12	1848.43
BERING SEA	POLLOCK	BERING SEA 517	POLL-BOT SJV	9	2718.11
BERING SEA	POLLOCK	BERING SEA 517	POLL-BOT SJV	11	750.10
BERING SEA	POLLOCK	BERING SEA 517	POLL-MID SJV	1	18149.99
BERING SEA	POLLOCK	BERING SEA 517	POLL-MID SJV	9	14041.50
BERING SEA	POLLOCK	BERING SEA 517	POLL-MID SJV	10	16839.05
BERING SEA	POLLOCK	BERING SEA 517	POLL-MID SJV	11	20533.70
BERING SEA	POLLOCK	BERING SEA 521	OTHER SJV	9	14008.30
BERING SEA	POLLOCK	BERING SEA 521	OTHER SJV	10	5411.23
BERING SEA	POLLOCK	BERING SEA 521	OTHER FJV	9	8044.38
BERING SEA	POLLOCK	BERING SEA 521	OTHER FJV	10	5691.16
BERING SEA	POLLOCK	BERING SEA 521	YELL/FLT FJV	3	10.50
BERING SEA	POLLOCK	BERING SEA 521	YELL/FLT FJV	10	1.50
BERING SEA	POLLOCK	BERING SEA 521	YELL/FLT FJV	11	0.24
BERING SEA	POLLOCK	BERING SEA 521	POLL-BOT FJV	9	394.70
BERING SEA	POLLOCK	BERING SEA 521	POLL-BOT FJV	10	786.90

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	POLLOCK	BERING SEA 521	POLL-MID FJV	10	714.73
BERING SEA	POLLOCK	BERING SEA 521	POLL-BOT SJV	9	10773.17
BERING SEA	POLLOCK	BERING SEA 521	POLL-BOT SJV	10	21003.87
BERING SEA	POLLOCK	BERING SEA 521	POLL-MID SJV	9	5852.60
BERING SEA	POLLOCK	BERING SEA 521	POLL-MID SJV	10	15314.95
BERING SEA	POLLOCK	BERING SEA 521	POLL-MID SJV	11	8732.86
BERING SEA	POLLOCK	BERING SEA 522	OTHER SJV	9	1021.85
BERING SEA	POLLOCK	BERING SEA 522	OTHER SJV	10	756.43
BERING SEA	POLLOCK	BERING SEA 522	YELL/FLT FJV	9	28.78
BERING SEA	POLLOCK	BERING SEA 522	POLL-BOT FJV	10	248.27
BERING SEA	POLLOCK	BERING SEA 522	POLL-BOT SJV	9	45.25
BERING SEA	POLLOCK	BERING SEA 522	POLL-BOT SJV	10	81.95
BERING SEA	POLLOCK	BERING SEA 522	POLL-BOT SJV	11	738.68
BERING SEA	POLLOCK	BERING SEA 522	POLL-MID SJV	9	1228.15
BERING SEA	POLLOCK	BERING SEA 522	POLL-MID SJV	10	95.54
BERING SEA	POLLOCK	ALEUTIANS 540	OTHER SJV	12	151.00
BERING SEA	POLLOCK	ALEUTIANS 540	POLL-MID FJV	12	913.70
BERING SEA	POLLOCK	ALEUTIANS 540	POLL-MID SJV	11	4446.60
BERING SEA	POLLOCK	ALEUTIANS 540	POLL-MID SJV	12	5057.20
BERING SEA	PACIFIC COD	BERING SEA 511	OTHER SJV	1	136.50
BERING SEA	PACIFIC COD	BERING SEA 511	OTHER FJV	1	2990.48
BERING SEA	PACIFIC COD	BERING SEA 511	OTHER FJV	2	805.90
BERING SEA	PACIFIC COD	BERING SEA 511	OTHER FJV	12	6.02
BERING SEA	PACIFIC COD	BERING SEA 511	YELL/FLT SJV	1	107.33
BERING SEA	PACIFIC COD	BERING SEA 511	YELL/FLT SJV	2	139.36
BERING SEA	PACIFIC COD	BERING SEA 511	YELL/FLT SJV	3	67.36
BERING SEA	PACIFIC COD	BERING SEA 511	YELL/FLT FJV	1	613.92
BERING SEA	PACIFIC COD	BERING SEA 511	YELL/FLT FJV	2	1080.12
BERING SEA	PACIFIC COD	BERING SEA 511	YELL/FLT FJV	3	282.87
BERING SEA	PACIFIC COD	BERING SEA 511	POLL-BOT FJV	9	1.31
BERING SEA	PACIFIC COD	BERING SEA 511	POLL-BOT FJV	12	1.35
BERING SEA	PACIFIC COD	BERING SEA 511	POLL-MID FJV	1	60.10
BERING SEA	PACIFIC COD	BERING SEA 511	POLL-MID FJV	9	5.79
BERING SEA	PACIFIC COD	BERING SEA 511	POLL-MID SJV	1	109.61
BERING SEA	PACIFIC COD	BERING SEA 511	POLL-MID SJV	9	14.73
BERING SEA	PACIFIC COD	BERING SEA 513	OTHER SJV	9	831.69
BERING SEA	PACIFIC COD	BERING SEA 513	OTHER SJV	10	21.27
BERING SEA	PACIFIC COD	BERING SEA 513	OTHER FJV	1	1256.26
BERING SEA	PACIFIC COD	BERING SEA 513	OTHER FJV	2	608.95
BERING SEA	PACIFIC COD	BERING SEA 513	OTHER FJV	9	152.28
BERING SEA	PACIFIC COD	BERING SEA 513	OTHER FJV	10	29.49
BERING SEA	PACIFIC COD	BERING SEA 513	OTHER FJV	12	5.00
BERING SEA	PACIFIC COD	BERING SEA 513	YELL/FLT SJV	11	60.98
BERING SEA	PACIFIC COD	BERING SEA 513	YELL/FLT FJV	1	0.36

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	PACIFIC COD	BERING SEA 513	YELL/FLT FJV	3	378.61
BERING SEA	PACIFIC COD	BERING SEA 513	YELL/FLT FJV	9	874.74
BERING SEA	PACIFIC COD	BERING SEA 513	YELL/FLT FJV	10	525.67
BERING SEA	PACIFIC COD	BERING SEA 513	YELL/FLT FJV	11	680.86
BERING SEA	PACIFIC COD	BERING SEA 513	YELL/FLT FJV	12	137.16
BERING SEA	PACIFIC COD	BERING SEA 513	POLL-BOT FJV	9	13.70
BERING SEA	PACIFIC COD	BERING SEA 513	POLL-MID FJV	1	10.23
BERING SEA	PACIFIC COD	BERING SEA 513	POLL-MID FJV	9	2.30
BERING SEA	PACIFIC COD	BERING SEA 513	POLL-MID SJV	1	22.03
BERING SEA	PACIFIC COD	BERING SEA 513	POLL-MID SJV	10	0.82
BERING SEA	PACIFIC COD	BERING SEA 513	POLL-MID SJV	11	13.62
BERING SEA	PACIFIC COD	BERING SEA 514	YELL/FLT FJV	9	784.54
BERING SEA	PACIFIC COD	BERING SEA 514	YELL/FLT FJV	10	319.44
BERING SEA	PACIFIC COD	BERING SEA 514	YELL/FLT FJV	11	2.45
BERING SEA	PACIFIC COD	BERING SEA 514	YELL/FLT FJV	12	131.45
BERING SEA	PACIFIC COD	BERING SEA 515	OTHER FJV	1	14.83
BERING SEA	PACIFIC COD	BERING SEA 515	OTHER FJV	2	103.14
BERING SEA	PACIFIC COD	BERING SEA 515	OTHER FJV	9	11.87
BERING SEA	PACIFIC COD	BERING SEA 515	OTHER FJV	12	9.62
BERING SEA	PACIFIC COD	BERING SEA 515	POLL-BOT FJV	9	6.00
BERING SEA	PACIFIC COD	BERING SEA 515	POLL-BOT FJV	10	0.78
BERING SEA	PACIFIC COD	BERING SEA 515	POLL-BOT FJV	12	0.36
BERING SEA	PACIFIC COD	BERING SEA 515	POLL-MID FJV	1	0.24
BERING SEA	PACIFIC COD	BERING SEA 515	POLL-MID FJV	12	1.19
BERING SEA	PACIFIC COD	BERING SEA 515	POLL-MID SJV	9	4.16
BERING SEA	PACIFIC COD	BERING SEA 516	YELL/FLT SJV	2	379.94
BERING SEA	PACIFIC COD	BERING SEA 516	YELL/FLT SJV	3	22.62
BERING SEA	PACIFIC COD	BERING SEA 516	YELL/FLT FJV	2	1081.15
BERING SEA	PACIFIC COD	BERING SEA 516	YELL/FLT FJV	3	83.13
BERING SEA	PACIFIC COD	BERING SEA 517	OTHER SJV	1	199.73
BERING SEA	PACIFIC COD	BERING SEA 517	OTHER SJV	2	861.23
BERING SEA	PACIFIC COD	BERING SEA 517	OTHER SJV	9	557.29
BERING SEA	PACIFIC COD	BERING SEA 517	OTHER FJV	1	9607.97
BERING SEA	PACIFIC COD	BERING SEA 517	OTHER FJV	2	11602.34
BERING SEA	PACIFIC COD	BERING SEA 517	OTHER FJV	9	162.63
BERING SEA	PACIFIC COD	BERING SEA 517	OTHER FJV	12	65.54
BERING SEA	PACIFIC COD	BERING SEA 517	YELL/FLT FJV	2	682.92
BERING SEA	PACIFIC COD	BERING SEA 517	YELL/FLT FJV	3	248.96
BERING SEA	PACIFIC COD	BERING SEA 517	YELL/FLT FJV	9	6.90
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-BOT FJV	9	39.94
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-MID FJV	1	239.31
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-MID FJV	3	0.48
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-MID FJV	9	49.28
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-MID FJV	10	16.16

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-MID FJV	11	31.64
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-MID FJV	12	7.48
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-BOT SJV	9	97.44
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-BOT SJV	11	4.49
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-MID SJV	1	209.60
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-MID SJV	9	110.01
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-MID SJV	10	51.57
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-MID SJV	11	85.07
BERING SEA	PACIFIC COD	BERING SEA 521	OTHER SJV	9	1346.29
BERING SEA	PACIFIC COD	BERING SEA 521	OTHER SJV	10	733.55
BERING SEA	PACIFIC COD	BERING SEA 521	OTHER FJV	9	872.21
BERING SEA	PACIFIC COD	BERING SEA 521	OTHER FJV	10	510.76
BERING SEA	PACIFIC COD	BERING SEA 521	YELL/FLT FJV	10	1.87
BERING SEA	PACIFIC COD	BERING SEA 521	YELL/FLT FJV	11	3.07
BERING SEA	PACIFIC COD	BERING SEA 521	POLL-BOT FJV	9	17.48
BERING SEA	PACIFIC COD	BERING SEA 521	POLL-BOT FJV	10	25.95
BERING SEA	PACIFIC COD	BERING SEA 521	POLL-MID FJV	10	3.76
BERING SEA	PACIFIC COD	BERING SEA 521	POLL-BOT SJV	9	44.77
BERING SEA	PACIFIC COD	BERING SEA 521	POLL-BOT SJV	10	674.42
BERING SEA	PACIFIC COD	BERING SEA 521	POLL-MID SJV	9	77.60
BERING SEA	PACIFIC COD	BERING SEA 521	POLL-MID SJV	10	58.09
BERING SEA	PACIFIC COD	BERING SEA 521	POLL-MID SJV	11	18.94
BERING SEA	PACIFIC COD	BERING SEA 522	OTHER SJV	9	97.30
BERING SEA	PACIFIC COD	BERING SEA 522	OTHER SJV	10	132.75
BERING SEA	PACIFIC COD	BERING SEA 522	YELL/FLT FJV	9	47.30
BERING SEA	PACIFIC COD	BERING SEA 522	POLL-BOT FJV	10	0.55
BERING SEA	PACIFIC COD	BERING SEA 522	POLL-BOT SJV	10	0.01
BERING SEA	PACIFIC COD	BERING SEA 522	POLL-BOT SJV	11	0.32
BERING SEA	PACIFIC COD	BERING SEA 522	POLL-MID SJV	9	1.15
BERING SEA	PACIFIC COD	BERING SEA 522	POLL-MID SJV	10	0.04
BERING SEA	PACIFIC COD	ALEUTIANS 540	POLL-MID FJV	12	1.49
BERING SEA	PACIFIC COD	ALEUTIANS 540	POLL-MID SJV	11	1.91
BERING SEA	PACIFIC COD	ALEUTIANS 540	POLL-MID SJV	12	2.32
BERING SEA	SABLEFISH	BERING SEA 511	OTHER FJV	1	0.04
BERING SEA	SABLEFISH	BERING SEA 511	YELL/FLT SJV	1	0.08
BERING SEA	SABLEFISH	BERING SEA 511	YELL/FLT SJV	2	0.03
BERING SEA	SABLEFISH	BERING SEA 511	YELL/FLT FJV	1	0.14
BERING SEA	SABLEFISH	BERING SEA 511	YELL/FLT FJV	2	0.03
BERING SEA	SABLEFISH	BERING SEA 515	OTHER FJV	9	1.50
BERING SEA	SABLEFISH	BERING SEA 515	POLL-BOT FJV	9	1.27
BERING SEA	SABLEFISH	BERING SEA 516	YELL/FLT SJV	2	<0.01
BERING SEA	SABLEFISH	BERING SEA 516	YELL/FLT FJV	2	<0.01
BERING SEA	SABLEFISH	BERING SEA 517	OTHER FJV	1	0.01
BERING SEA	SABLEFISH	BERING SEA 517	OTHER FJV	2	0.02

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	SABLEFISH	BERING SEA 517	OTHER FJV	9	0.08
BERING SEA	SABLEFISH	BERING SEA 517	POLL-MID FJV	10	0.15
BERING SEA	SABLEFISH	ALEUTIANS 540	POLL-MID SJV	12	0.02
BERING SEA	ATKA MACKEREL	BERING SEA 513	OTHER FJV	1	0.17
BERING SEA	ATKA MACKEREL	BERING SEA 515	OTHER FJV	9	7.64
BERING SEA	ATKA MACKEREL	BERING SEA 515	POLL-BOT FJV	9	14.30
BERING SEA	ATKA MACKEREL	BERING SEA 515	POLL-BOT FJV	10	2.30
BERING SEA	ATKA MACKEREL	BERING SEA 515	POLL-BOT FJV	12	18.08
BERING SEA	ATKA MACKEREL	BERING SEA 515	POLL-MID FJV	12	6.29
BERING SEA	ATKA MACKEREL	BERING SEA 517	OTHER FJV	1	0.32
BERING SEA	ATKA MACKEREL	BERING SEA 517	OTHER FJV	2	0.01
BERING SEA	ATKA MACKEREL	BERING SEA 517	POLL-MID FJV	9	0.01
BERING SEA	ATKA MACKEREL	BERING SEA 517	POLL-MID FJV	12	0.84
BERING SEA	ATKA MACKEREL	BERING SEA 517	POLL-MID SJV	10	1.10
BERING SEA	ATKA MACKEREL	ALEUTIANS 540	POLL-MID SJV	12	0.33
BERING SEA	POP	BERING SEA 513	POLL-MID SJV	10	1.60
BERING SEA	POP	BERING SEA 513	POLL-MID SJV	11	0.20
BERING SEA	POP	BERING SEA 515	OTHER FJV	9	1.44
BERING SEA	POP	BERING SEA 515	OTHER FJV	12	0.26
BERING SEA	POP	BERING SEA 515	POLL-BOT FJV	9	0.35
BERING SEA	POP	BERING SEA 515	POLL-BOT FJV	10	0.02
BERING SEA	POP	BERING SEA 515	POLL-MID FJV	12	0.03
BERING SEA	POP	BERING SEA 515	POLL-MID SJV	9	<0.01
BERING SEA	POP	BERING SEA 517	OTHER SJV	9	0.92
BERING SEA	POP	BERING SEA 517	OTHER FJV	2	0.29
BERING SEA	POP	BERING SEA 517	OTHER FJV	9	1.20
BERING SEA	POP	BERING SEA 517	POLL-BOT FJV	9	0.46
BERING SEA	POP	BERING SEA 517	POLL-MID FJV	9	0.12
BERING SEA	POP	BERING SEA 517	POLL-MID FJV	10	1.89
BERING SEA	POP	BERING SEA 517	POLL-MID FJV	11	2.09
BERING SEA	POP	BERING SEA 517	POLL-MID FJV	12	0.04
BERING SEA	POP	BERING SEA 517	POLL-BOT SJV	9	2.60
BERING SEA	POP	BERING SEA 517	POLL-BOT SJV	11	1.60
BERING SEA	POP	BERING SEA 517	POLL-MID SJV	9	0.53
BERING SEA	POP	BERING SEA 517	POLL-MID SJV	10	4.76
BERING SEA	POP	BERING SEA 517	POLL-MID SJV	11	8.41
BERING SEA	POP	BERING SEA 521	OTHER SJV	9	4.83
BERING SEA	POP	BERING SEA 521	OTHER FJV	9	6.35
BERING SEA	POP	BERING SEA 521	POLL-BOT FJV	9	0.56
BERING SEA	POP	BERING SEA 521	POLL-BOT FJV	10	0.18
BERING SEA	POP	ALEUTIANS 540	POLL-MID SJV	11	0.05
BERING SEA	POP	ALEUTIANS 540	POLL-MID SJV	12	0.02
BERING SEA	OTHER ROCKFISH	BERING SEA 511	OTHER FJV	1	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 511	YELL/FLT FJV	1	<0.01

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	OTHER ROCKFISH	BERING SEA 511	YELL/FLT FJV	2	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 513	OTHER SJV	9	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 513	POLL-MID FJV	1	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 517	OTHER SJV	9	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 517	OTHER FJV	1	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 517	OTHER FJV	2	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 517	OTHER FJV	9	0.10
BERING SEA	OTHER ROCKFISH	BERING SEA 517	POLL-MID FJV	9	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 517	POLL-MID FJV	10	0.04
BERING SEA	OTHER ROCKFISH	BERING SEA 517	POLL-MID FJV	11	0.14
BERING SEA	OTHER ROCKFISH	BERING SEA 517	POLL-MID SJV	9	0.19
BERING SEA	OTHER ROCKFISH	BERING SEA 517	POLL-MID SJV	10	0.05
BERING SEA	OTHER ROCKFISH	BERING SEA 517	POLL-MID SJV	11	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 521	OTHER SJV	9	1.16
BERING SEA	OTHER ROCKFISH	BERING SEA 521	OTHER FJV	9	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 521	POLL-BOT SJV	9	7.00
BERING SEA	OTHER ROCKFISH	BERING SEA 521	POLL-BOT SJV	10	0.07
BERING SEA	OTHER ROCKFISH	BERING SEA 522	OTHER SJV	9	1.19
BERING SEA	OTHER ROCKFISH	ALEUTIANS 540	POLL-MID SJV	12	0.02
BERING SEA	ARROWTOOTH	BERING SEA 511	OTHER SJV	1	1.29
BERING SEA	ARROWTOOTH	BERING SEA 511	OTHER FJV	1	20.77
BERING SEA	ARROWTOOTH	BERING SEA 511	OTHER FJV	2	5.11
BERING SEA	ARROWTOOTH	BERING SEA 511	YELL/FLT SJV	1	1.43
BERING SEA	ARROWTOOTH	BERING SEA 511	YELL/FLT SJV	2	2.83
BERING SEA	ARROWTOOTH	BERING SEA 511	YELL/FLT FJV	1	6.18
BERING SEA	ARROWTOOTH	BERING SEA 511	YELL/FLT FJV	2	7.16
BERING SEA	ARROWTOOTH	BERING SEA 511	YELL/FLT FJV	3	0.54
BERING SEA	ARROWTOOTH	BERING SEA 511	POLL-BOT FJV	9	0.01
BERING SEA	ARROWTOOTH	BERING SEA 511	POLL-BOT FJV	12	<0.01
BERING SEA	ARROWTOOTH	BERING SEA 511	POLL-MID FJV	9	0.14
BERING SEA	ARROWTOOTH	BERING SEA 511	POLL-MID SJV	9	0.28
BERING SEA	ARROWTOOTH	BERING SEA 513	OTHER SJV	9	135.01
BERING SEA	ARROWTOOTH	BERING SEA 513	OTHER SJV	10	8.84
BERING SEA	ARROWTOOTH	BERING SEA 513	OTHER FJV	1	31.79
BERING SEA	ARROWTOOTH	BERING SEA 513	OTHER FJV	2	3.11
BERING SEA	ARROWTOOTH	BERING SEA 513	OTHER FJV	9	15.64
BERING SEA	ARROWTOOTH	BERING SEA 513	OTHER FJV	10	4.09
BERING SEA	ARROWTOOTH	BERING SEA 513	OTHER FJV	12	1.30
BERING SEA	ARROWTOOTH	BERING SEA 513	YELL/FLT SJV	11	8.25
BERING SEA	ARROWTOOTH	BERING SEA 513	YELL/FLT FJV	1	0.14
BERING SEA	ARROWTOOTH	BERING SEA 513	YELL/FLT FJV	3	0.18
BERING SEA	ARROWTOOTH	BERING SEA 513	YELL/FLT FJV	9	239.20
BERING SEA	ARROWTOOTH	BERING SEA 513	YELL/FLT FJV	10	199.13
BERING SEA	ARROWTOOTH	BERING SEA 513	YELL/FLT FJV	11	149.98

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	ARROWTOOTH	BERING SEA 513	YELL/FLT FJV	12	20.58
BERING SEA	ARROWTOOTH	BERING SEA 513	POLL-MID FJV	9	0.01
BERING SEA	ARROWTOOTH	BERING SEA 513	POLL-MID SJV	1	0.05
BERING SEA	ARROWTOOTH	BERING SEA 513	POLL-MID SJV	11	8.02
BERING SEA	ARROWTOOTH	BERING SEA 514	YELL/FLT FJV	9	103.51
BERING SEA	ARROWTOOTH	BERING SEA 514	YELL/FLT FJV	10	64.20
BERING SEA	ARROWTOOTH	BERING SEA 514	YELL/FLT FJV	11	0.77
BERING SEA	ARROWTOOTH	BERING SEA 514	YELL/FLT FJV	12	5.58
BERING SEA	ARROWTOOTH	BERING SEA 515	OTHER FJV	1	0.12
BERING SEA	ARROWTOOTH	BERING SEA 515	OTHER FJV	2	3.33
BERING SEA	ARROWTOOTH	BERING SEA 515	OTHER FJV	12	0.78
BERING SEA	ARROWTOOTH	BERING SEA 515	POLL-MID FJV	12	0.02
BERING SEA	ARROWTOOTH	BERING SEA 515	POLL-MID SJV	9	1.66
BERING SEA	ARROWTOOTH	BERING SEA 516	YELL/FLT SJV	2	0.07
BERING SEA	ARROWTOOTH	BERING SEA 516	YELL/FLT FJV	2	3.37
BERING SEA	ARROWTOOTH	BERING SEA 516	YELL/FLT FJV	3	0.07
BERING SEA	ARROWTOOTH	BERING SEA 517	OTHER SJV	1	0.79
BERING SEA	ARROWTOOTH	BERING SEA 517	OTHER SJV	2	2.32
BERING SEA	ARROWTOOTH	BERING SEA 517	OTHER SJV	9	81.85
BERING SEA	ARROWTOOTH	BERING SEA 517	OTHER FJV	1	49.10
BERING SEA	ARROWTOOTH	BERING SEA 517	OTHER FJV	2	48.70
BERING SEA	ARROWTOOTH	BERING SEA 517	OTHER FJV	9	17.26
BERING SEA	ARROWTOOTH	BERING SEA 517	OTHER FJV	12	0.09
BERING SEA	ARROWTOOTH	BERING SEA 517	YELL/FLT FJV	2	5.89
BERING SEA	ARROWTOOTH	BERING SEA 517	YELL/FLT FJV	3	2.05
BERING SEA	ARROWTOOTH	BERING SEA 517	POLL-BOT FJV	9	12.69
BERING SEA	ARROWTOOTH	BERING SEA 517	POLL-MID FJV	1	0.83
BERING SEA	ARROWTOOTH	BERING SEA 517	POLL-MID FJV	9	1.02
BERING SEA	ARROWTOOTH	BERING SEA 517	POLL-MID FJV	10	2.91
BERING SEA	ARROWTOOTH	BERING SEA 517	POLL-MID FJV	11	3.63
BERING SEA	ARROWTOOTH	BERING SEA 517	POLL-MID FJV	12	2.80
BERING SEA	ARROWTOOTH	BERING SEA 517	POLL-BOT SJV	9	37.91
BERING SEA	ARROWTOOTH	BERING SEA 517	POLL-BOT SJV	11	41.22
BERING SEA	ARROWTOOTH	BERING SEA 517	POLL-MID SJV	9	4.07
BERING SEA	ARROWTOOTH	BERING SEA 517	POLL-MID SJV	10	20.28
BERING SEA	ARROWTOOTH	BERING SEA 517	POLL-MID SJV	11	13.99
BERING SEA	ARROWTOOTH	BERING SEA 521	OTHER SJV	9	294.58
BERING SEA	ARROWTOOTH	BERING SEA 521	OTHER SJV	10	155.89
BERING SEA	ARROWTOOTH	BERING SEA 521	OTHER FJV	9	136.82
BERING SEA	ARROWTOOTH	BERING SEA 521	OTHER FJV	10	106.06
BERING SEA	ARROWTOOTH	BERING SEA 521	YELL/FLT FJV	10	0.37
BERING SEA	ARROWTOOTH	BERING SEA 521	YELL/FLT FJV	11	1.02
BERING SEA	ARROWTOOTH	BERING SEA 521	POLL-BOT FJV	9	4.71
BERING SEA	ARROWTOOTH	BERING SEA 521	POLL-BOT FJV	10	20.38

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	ARROWTOOTH	BERING SEA 521	POLL-MID FJV	10	0.32
BERING SEA	ARROWTOOTH	BERING SEA 521	POLL-BOT SJV	9	12.50
BERING SEA	ARROWTOOTH	BERING SEA 521	POLL-BOT SJV	10	130.04
BERING SEA	ARROWTOOTH	BERING SEA 521	POLL-MID SJV	9	7.14
BERING SEA	ARROWTOOTH	BERING SEA 521	POLL-MID SJV	10	15.91
BERING SEA	ARROWTOOTH	BERING SEA 521	POLL-MID SJV	11	<0.01
BERING SEA	ARROWTOOTH	BERING SEA 522	OTHER SJV	9	1.58
BERING SEA	ARROWTOOTH	BERING SEA 522	OTHER SJV	10	2.49
BERING SEA	ARROWTOOTH	BERING SEA 522	YELL/FLT FJV	9	0.36
BERING SEA	ARROWTOOTH	BERING SEA 522	POLL-BOT FJV	10	<0.01
BERING SEA	ARROWTOOTH	BERING SEA 522	POLL-MID SJV	10	0.01
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	OTHER SJV	1	55.33
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	OTHER FJV	1	8.60
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	YELL/FLT SJV	1	2067.36
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	YELL/FLT SJV	2	3726.05
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	YELL/FLT SJV	3	4229.41
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	YELL/FLT FJV	1	4282.58
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	YELL/FLT FJV	2	15668.38
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	YELL/FLT FJV	3	14085.32
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	OTHER SJV	9	7.69
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	OTHER FJV	2	<0.01
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	OTHER FJV	9	1.15
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	OTHER FJV	10	0.59
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	YELL/FLT SJV	11	495.23
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	YELL/FLT FJV	1	39.20
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	YELL/FLT FJV	3	1277.98
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	YELL/FLT FJV	9	6864.96
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	YELL/FLT FJV	10	6075.77
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	YELL/FLT FJV	11	6378.12
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	YELL/FLT FJV	12	772.71
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	POLL-BOT FJV	9	0.84
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	POLL-MID SJV	1	0.07
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	POLL-MID SJV	11	<0.01
BERING SEA	YELLOWFIN SOLE	BERING SEA 514	YELL/FLT FJV	9	5251.53
BERING SEA	YELLOWFIN SOLE	BERING SEA 514	YELL/FLT FJV	10	3392.99
BERING SEA	YELLOWFIN SOLE	BERING SEA 514	YELL/FLT FJV	11	10.35
BERING SEA	YELLOWFIN SOLE	BERING SEA 514	YELL/FLT FJV	12	2160.81
BERING SEA	YELLOWFIN SOLE	BERING SEA 516	YELL/FLT SJV	2	17738.48
BERING SEA	YELLOWFIN SOLE	BERING SEA 516	YELL/FLT SJV	3	1608.45
BERING SEA	YELLOWFIN SOLE	BERING SEA 516	YELL/FLT FJV	2	49539.49
BERING SEA	YELLOWFIN SOLE	BERING SEA 516	YELL/FLT FJV	3	4420.11
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	OTHER FJV	1	0.34
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	OTHER FJV	2	0.16
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	YELL/FLT FJV	2	0.02

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	YELL/FLT FJV	3	1185.04
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	YELL/FLT FJV	9	44.54
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	POLL-BOT FJV	3	0.30
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	POLL-MID FJV	3	0.04
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	POLL-MID FJV	9	0.06
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	POLL-MID FJV	10	<0.01
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	POLL-BOT SJV	9	<0.01
BERING SEA	YELLOWFIN SOLE	BERING SEA 521	OTHER SJV	9	0.77
BERING SEA	YELLOWFIN SOLE	BERING SEA 521	OTHER SJV	10	1.25
BERING SEA	YELLOWFIN SOLE	BERING SEA 521	OTHER FJV	9	2.09
BERING SEA	YELLOWFIN SOLE	BERING SEA 521	OTHER FJV	10	0.48
BERING SEA	YELLOWFIN SOLE	BERING SEA 521	YELL/FLT FJV	10	3.35
BERING SEA	YELLOWFIN SOLE	BERING SEA 521	YELL/FLT FJV	11	3.90
BERING SEA	YELLOWFIN SOLE	BERING SEA 521	POLL-BOT SJV	9	0.20
BERING SEA	YELLOWFIN SOLE	BERING SEA 522	YELL/FLT FJV	9	104.01
BERING SEA	ROCK SOLE	BERING SEA 511	OTHER SJV	1	2.70
BERING SEA	ROCK SOLE	BERING SEA 511	OTHER FJV	1	137.87
BERING SEA	ROCK SOLE	BERING SEA 511	OTHER FJV	2	73.89
BERING SEA	ROCK SOLE	BERING SEA 511	OTHER FJV	12	0.01
BERING SEA	ROCK SOLE	BERING SEA 511	YELL/FLT SJV	1	254.70
BERING SEA	ROCK SOLE	BERING SEA 511	YELL/FLT SJV	2	709.94
BERING SEA	ROCK SOLE	BERING SEA 511	YELL/FLT SJV	3	551.33
BERING SEA	ROCK SOLE	BERING SEA 511	YELL/FLT FJV	1	663.97
BERING SEA	ROCK SOLE	BERING SEA 511	YELL/FLT FJV	2	3429.23
BERING SEA	ROCK SOLE	BERING SEA 511	YELL/FLT FJV	3	1265.66
BERING SEA	ROCK SOLE	BERING SEA 511	POLL-MID FJV	1	0.14
BERING SEA	ROCK SOLE	BERING SEA 513	OTHER SJV	9	15.43
BERING SEA	ROCK SOLE	BERING SEA 513	OTHER SJV	10	0.33
BERING SEA	ROCK SOLE	BERING SEA 513	OTHER FJV	1	11.57
BERING SEA	ROCK SOLE	BERING SEA 513	OTHER FJV	2	46.46
BERING SEA	ROCK SOLE	BERING SEA 513	OTHER FJV	9	0.46
BERING SEA	ROCK SOLE	BERING SEA 513	OTHER FJV	10	4.14
BERING SEA	ROCK SOLE	BERING SEA 513	YELL/FLT SJV	11	24.61
BERING SEA	ROCK SOLE	BERING SEA 513	YELL/FLT FJV	1	1.26
BERING SEA	ROCK SOLE	BERING SEA 513	YELL/FLT FJV	3	214.26
BERING SEA	ROCK SOLE	BERING SEA 513	YELL/FLT FJV	9	1312.64
BERING SEA	ROCK SOLE	BERING SEA 513	YELL/FLT FJV	10	1615.45
BERING SEA	ROCK SOLE	BERING SEA 513	YELL/FLT FJV	11	1469.95
BERING SEA	ROCK SOLE	BERING SEA 513	YELL/FLT FJV	12	392.62
BERING SEA	ROCK SOLE	BERING SEA 513	POLL-MID FJV	1	<0.01
BERING SEA	ROCK SOLE	BERING SEA 513	POLL-MID SJV	1	0.04
BERING SEA	ROCK SOLE	BERING SEA 513	POLL-MID SJV	11	<0.01
BERING SEA	ROCK SOLE	BERING SEA 514	YELL/FLT FJV	9	1427.88
BERING SEA	ROCK SOLE	BERING SEA 514	YELL/FLT FJV	10	470.56

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	ROCK SOLE	BERING SEA 514	YELL/FLT FJV	11	3.99
BERING SEA	ROCK SOLE	BERING SEA 514	YELL/FLT FJV	12	277.05
BERING SEA	ROCK SOLE	BERING SEA 515	OTHER FJV	1	0.04
BERING SEA	ROCK SOLE	BERING SEA 515	OTHER FJV	2	0.38
BERING SEA	ROCK SOLE	BERING SEA 515	POLL-MID FJV	1	<0.01
BERING SEA	ROCK SOLE	BERING SEA 516	YELL/FLT SJV	2	534.49
BERING SEA	ROCK SOLE	BERING SEA 516	YELL/FLT SJV	3	112.21
BERING SEA	ROCK SOLE	BERING SEA 516	YELL/FLT FJV	2	3453.79
BERING SEA	ROCK SOLE	BERING SEA 516	YELL/FLT FJV	3	355.88
BERING SEA	ROCK SOLE	BERING SEA 517	OTHER SJV	2	60.78
BERING SEA	ROCK SOLE	BERING SEA 517	OTHER SJV	9	4.45
BERING SEA	ROCK SOLE	BERING SEA 517	OTHER FJV	1	263.26
BERING SEA	ROCK SOLE	BERING SEA 517	OTHER FJV	2	1059.11
BERING SEA	ROCK SOLE	BERING SEA 517	OTHER FJV	9	1.10
BERING SEA	ROCK SOLE	BERING SEA 517	YELL/FLT FJV	2	205.99
BERING SEA	ROCK SOLE	BERING SEA 517	YELL/FLT FJV	3	370.33
BERING SEA	ROCK SOLE	BERING SEA 517	POLL-BOT FJV	9	<0.01
BERING SEA	ROCK SOLE	BERING SEA 517	POLL-MID FJV	1	3.97
BERING SEA	ROCK SOLE	BERING SEA 517	POLL-MID FJV	3	0.06
BERING SEA	ROCK SOLE	BERING SEA 517	POLL-MID FJV	10	<0.01
BERING SEA	ROCK SOLE	BERING SEA 517	POLL-MID FJV	11	0.01
BERING SEA	ROCK SOLE	BERING SEA 517	POLL-BOT SJV	9	<0.01
BERING SEA	ROCK SOLE	BERING SEA 517	POLL-MID SJV	9	0.01
BERING SEA	ROCK SOLE	BERING SEA 517	POLL-MID SJV	10	<0.01
BERING SEA	ROCK SOLE	BERING SEA 521	OTHER SJV	9	21.53
BERING SEA	ROCK SOLE	BERING SEA 521	OTHER SJV	10	22.16
BERING SEA	ROCK SOLE	BERING SEA 521	OTHER FJV	9	7.54
BERING SEA	ROCK SOLE	BERING SEA 521	OTHER FJV	10	22.31
BERING SEA	ROCK SOLE	BERING SEA 521	YELL/FLT FJV	3	7.80
BERING SEA	ROCK SOLE	BERING SEA 521	YELL/FLT FJV	10	18.48
BERING SEA	ROCK SOLE	BERING SEA 521	YELL/FLT FJV	11	34.69
BERING SEA	ROCK SOLE	BERING SEA 521	POLL-BOT FJV	10	6.12
BERING SEA	ROCK SOLE	BERING SEA 521	POLL-BOT SJV	9	1.00
BERING SEA	ROCK SOLE	BERING SEA 521	POLL-BOT SJV	10	41.62
BERING SEA	ROCK SOLE	BERING SEA 521	POLL-MID SJV	9	0.02
BERING SEA	ROCK SOLE	BERING SEA 521	POLL-MID SJV	10	5.30
BERING SEA	ROCK SOLE	BERING SEA 522	YELL/FLT FJV	9	17.60
BERING SEA	GREENLAND TURBOT	BERING SEA 511	OTHER FJV	1	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 511	OTHER FJV	2	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 511	YELL/FLT FJV	1	0.12
BERING SEA	GREENLAND TURBOT	BERING SEA 511	YELL/FLT FJV	2	0.17
BERING SEA	GREENLAND TURBOT	BERING SEA 511	YELL/FLT FJV	3	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 511	POLL-MID SJV	9	0.14
BERING SEA	GREENLAND TURBOT	BERING SEA 513	OTHER SJV	9	<0.01

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	GREENLAND TURBOT	BERING SEA 513	OTHER FJV	9	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 513	OTHER FJV	10	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 513	YELL/FLT FJV	3	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 513	YELL/FLT FJV	9	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 513	YELL/FLT FJV	10	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 513	YELL/FLT FJV	11	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 514	YELL/FLT FJV	9	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 514	YELL/FLT FJV	10	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 516	YELL/FLT FJV	2	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 517	OTHER SJV	9	0.60
BERING SEA	GREENLAND TURBOT	BERING SEA 517	OTHER FJV	1	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 517	OTHER FJV	2	0.07
BERING SEA	GREENLAND TURBOT	BERING SEA 517	OTHER FJV	9	0.13
BERING SEA	GREENLAND TURBOT	BERING SEA 517	YELL/FLT FJV	2	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 517	YELL/FLT FJV	3	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 517	POLL-BOT FJV	9	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 517	POLL-MID FJV	9	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 517	POLL-MID FJV	10	1.40
BERING SEA	GREENLAND TURBOT	BERING SEA 517	POLL-MID FJV	11	0.39
BERING SEA	GREENLAND TURBOT	BERING SEA 517	POLL-BOT SJV	9	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 517	POLL-MID SJV	9	0.18
BERING SEA	GREENLAND TURBOT	BERING SEA 517	POLL-MID SJV	10	3.38
BERING SEA	GREENLAND TURBOT	BERING SEA 517	POLL-MID SJV	11	8.39
BERING SEA	GREENLAND TURBOT	BERING SEA 521	OTHER SJV	9	8.31
BERING SEA	GREENLAND TURBOT	BERING SEA 521	OTHER SJV	10	9.06
BERING SEA	GREENLAND TURBOT	BERING SEA 521	OTHER FJV	9	3.91
BERING SEA	GREENLAND TURBOT	BERING SEA 521	OTHER FJV	10	4.62
BERING SEA	GREENLAND TURBOT	BERING SEA 521	POLL-BOT FJV	10	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 521	POLL-MID FJV	10	0.02
BERING SEA	GREENLAND TURBOT	BERING SEA 521	POLL-BOT SJV	9	0.38
BERING SEA	GREENLAND TURBOT	BERING SEA 521	POLL-BOT SJV	10	8.18
BERING SEA	GREENLAND TURBOT	BERING SEA 521	POLL-MID SJV	9	0.51
BERING SEA	GREENLAND TURBOT	BERING SEA 521	POLL-MID SJV	10	0.22
BERING SEA	GREENLAND TURBOT	BERING SEA 522	OTHER SJV	10	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 522	POLL-BOT FJV	10	0.03
BERING SEA	GREENLAND TURBOT	BERING SEA 522	POLL-MID SJV	9	0.03
BERING SEA	GREENLAND TURBOT	BERING SEA 522	POLL-MID SJV	10	0.01
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	OTHER SJV	1	15.76
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	OTHER FJV	1	78.99
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	OTHER FJV	2	15.37
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	OTHER FJV	12	0.48
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	YELL/FLT SJV	1	179.19
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	YELL/FLT SJV	2	346.73
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	YELL/FLT SJV	3	308.13

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	YELL/FLT FJV	1	333.01
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	YELL/FLT FJV	2	930.97
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	YELL/FLT FJV	3	1138.43
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	POLL-BOT FJV	9	0.01
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	POLL-BOT FJV	12	0.52
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	POLL-MID FJV	1	0.23
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	POLL-MID FJV	9	0.24
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	POLL-MID SJV	9	1.49
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	OTHER SJV	9	101.60
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	OTHER SJV	10	4.15
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	OTHER FJV	1	26.44
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	OTHER FJV	2	3.08
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	OTHER FJV	9	29.58
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	OTHER FJV	10	4.57
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	OTHER FJV	12	0.10
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	YELL/FLT SJV	11	36.53
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	YELL/FLT FJV	1	2.90
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	YELL/FLT FJV	3	1937.60
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	YELL/FLT FJV	9	1803.44
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	YELL/FLT FJV	10	727.79
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	YELL/FLT FJV	11	737.16
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	YELL/FLT FJV	12	125.95
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	POLL-BOT FJV	9	7.11
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	POLL-MID FJV	1	0.01
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	POLL-MID FJV	9	0.30
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	POLL-MID SJV	1	0.13
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	POLL-MID SJV	10	10.51
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	POLL-MID SJV	11	15.48
BERING SEA	OTHER FLOUNDERS	BERING SEA 514	YELL/FLT FJV	9	1963.35
BERING SEA	OTHER FLOUNDERS	BERING SEA 514	YELL/FLT FJV	10	1120.32
BERING SEA	OTHER FLOUNDERS	BERING SEA 514	YELL/FLT FJV	11	0.72
BERING SEA	OTHER FLOUNDERS	BERING SEA 514	YELL/FLT FJV	12	324.08
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	OTHER FJV	1	<0.01
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	OTHER FJV	2	0.04
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	OTHER FJV	9	1.87
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	OTHER FJV	12	0.49
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	POLL-BOT FJV	9	0.33
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	POLL-BOT FJV	10	1.75
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	POLL-BOT FJV	12	0.96
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	POLL-MID FJV	12	1.09
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	POLL-MID SJV	9	1.47
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	POLL-MID SJV	10	0.29
BERING SEA	OTHER FLOUNDERS	BERING SEA 516	YELL/FLT SJV	2	366.83
BERING SEA	OTHER FLOUNDERS	BERING SEA 516	YELL/FLT SJV	3	58.22

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	OTHER FLOUNDERS	BERING SEA 516	YELL/FLT FJV	2	1172.49
BERING SEA	OTHER FLOUNDERS	BERING SEA 516	YELL/FLT FJV	3	194.83
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	OTHER SJV	1	0.09
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	OTHER SJV	2	15.83
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	OTHER SJV	9	60.24
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	OTHER FJV	1	96.11
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	OTHER FJV	2	153.87
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	OTHER FJV	9	43.92
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	OTHER FJV	12	8.19
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	YELL/FLT FJV	2	30.57
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	YELL/FLT FJV	3	3173.61
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	YELL/FLT FJV	9	10.64
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-BOT FJV	3	1.92
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-BOT FJV	9	7.44
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-MID FJV	1	2.69
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-MID FJV	9	3.84
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-MID FJV	10	16.01
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-MID FJV	11	12.51
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-MID FJV	12	6.85
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-BOT SJV	9	22.29
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-BOT SJV	11	4.61
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-MID SJV	9	59.26
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-MID SJV	10	51.93
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-MID SJV	11	43.03
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	OTHER SJV	9	276.34
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	OTHER SJV	10	95.28
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	OTHER FJV	9	146.09
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	OTHER FJV	10	116.23
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	YELL/FLT FJV	11	<0.01
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	POLL-BOT FJV	9	2.00
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	POLL-BOT FJV	10	12.96
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	POLL-MID FJV	10	0.59
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	POLL-BOT SJV	9	22.15
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	POLL-BOT SJV	10	86.73
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	POLL-MID SJV	9	14.04
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	POLL-MID SJV	10	10.00
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	POLL-MID SJV	11	0.02
BERING SEA	OTHER FLOUNDERS	BERING SEA 522	OTHER SJV	9	28.07
BERING SEA	OTHER FLOUNDERS	BERING SEA 522	OTHER SJV	10	10.45
BERING SEA	OTHER FLOUNDERS	BERING SEA 522	YELL/FLT FJV	9	29.00
BERING SEA	OTHER FLOUNDERS	BERING SEA 522	POLL-BOT FJV	10	<0.01
BERING SEA	OTHER FLOUNDERS	BERING SEA 522	POLL-MID SJV	9	0.01
BERING SEA	SQUID	BERING SEA 511	OTHER SJV	1	4.56
BERING SEA	SQUID	BERING SEA 511	POLL-MID SJV	9	<0.01

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	SQUID	BERING SEA 513	OTHER SJV	9	<0.01
BERING SEA	SQUID	BERING SEA 513	OTHER FJV	2	0.10
BERING SEA	SQUID	BERING SEA 513	YELL/FLT SJV	11	<0.01
BERING SEA	SQUID	BERING SEA 513	YELL/FLT FJV	11	<0.01
BERING SEA	SQUID	BERING SEA 513	POLL-MID SJV	10	4.04
BERING SEA	SQUID	BERING SEA 513	POLL-MID SJV	11	4.38
BERING SEA	SQUID	BERING SEA 515	OTHER FJV	9	<0.01
BERING SEA	SQUID	BERING SEA 515	POLL-MID FJV	12	0.37
BERING SEA	SQUID	BERING SEA 515	POLL-MID SJV	9	0.20
BERING SEA	SQUID	BERING SEA 517	OTHER FJV	1	0.33
BERING SEA	SQUID	BERING SEA 517	POLL-MID FJV	1	0.05
BERING SEA	SQUID	BERING SEA 517	POLL-MID FJV	9	0.04
BERING SEA	SQUID	BERING SEA 517	POLL-MID FJV	10	6.87
BERING SEA	SQUID	BERING SEA 517	POLL-MID FJV	11	1.66
BERING SEA	SQUID	BERING SEA 517	POLL-MID FJV	12	0.87
BERING SEA	SQUID	BERING SEA 517	POLL-BOT SJV	9	0.44
BERING SEA	SQUID	BERING SEA 517	POLL-BOT SJV	11	2.81
BERING SEA	SQUID	BERING SEA 517	POLL-MID SJV	9	5.99
BERING SEA	SQUID	BERING SEA 517	POLL-MID SJV	10	33.66
BERING SEA	SQUID	BERING SEA 517	POLL-MID SJV	11	43.36
BERING SEA	SQUID	ALEUTIANS 540	POLL-MID SJV	11	0.02
BERING SEA	SQUID	ALEUTIANS 540	POLL-MID SJV	12	0.73
BERING SEA	HERRING	BERING SEA 511	YELL/FLT SJV	2	0.08
BERING SEA	HERRING	BERING SEA 511	POLL-BOT FJV	9	8.63
BERING SEA	HERRING	BERING SEA 511	POLL-MID FJV	1	<0.01
BERING SEA	HERRING	BERING SEA 511	POLL-MID FJV	9	0.66
BERING SEA	HERRING	BERING SEA 511	POLL-MID SJV	9	2.07
BERING SEA	HERRING	BERING SEA 513	OTHER SJV	9	14.80
BERING SEA	HERRING	BERING SEA 513	OTHER FJV	9	0.13
BERING SEA	HERRING	BERING SEA 513	YELL/FLT FJV	9	0.03
BERING SEA	HERRING	BERING SEA 513	POLL-BOT FJV	9	0.06
BERING SEA	HERRING	BERING SEA 513	POLL-MID FJV	9	0.70
BERING SEA	HERRING	BERING SEA 514	YELL/FLT FJV	9	<0.01
BERING SEA	HERRING	BERING SEA 515	OTHER FJV	9	2.62
BERING SEA	HERRING	BERING SEA 515	POLL-BOT FJV	9	17.82
BERING SEA	HERRING	BERING SEA 515	POLL-MID SJV	9	<0.01
BERING SEA	HERRING	BERING SEA 517	OTHER SJV	9	1.30
BERING SEA	HERRING	BERING SEA 517	OTHER FJV	2	<0.01
BERING SEA	HERRING	BERING SEA 517	OTHER FJV	9	0.25
BERING SEA	HERRING	BERING SEA 517	POLL-BOT FJV	9	0.11
BERING SEA	HERRING	BERING SEA 517	POLL-MID FJV	1	<0.01
BERING SEA	HERRING	BERING SEA 517	POLL-MID FJV	9	1.94
BERING SEA	HERRING	BERING SEA 517	POLL-BOT SJV	9	62.99
BERING SEA	HERRING	BERING SEA 517	POLL-MID SJV	9	3.99

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	HERRING	BERING SEA 517	POLL-MID SJV	10	49.07
BERING SEA	HERRING	BERING SEA 521	OTHER SJV	9	130.36
BERING SEA	HERRING	BERING SEA 521	OTHER SJV	10	70.35
BERING SEA	HERRING	BERING SEA 521	OTHER FJV	9	3.81
BERING SEA	HERRING	BERING SEA 521	OTHER FJV	10	24.00
BERING SEA	HERRING	BERING SEA 521	POLL-BOT FJV	10	0.06
BERING SEA	HERRING	BERING SEA 521	POLL-MID FJV	10	20.31
BERING SEA	HERRING	BERING SEA 521	POLL-BOT SJV	9	797.62
BERING SEA	HERRING	BERING SEA 521	POLL-BOT SJV	10	516.16
BERING SEA	HERRING	BERING SEA 521	POLL-MID SJV	9	163.41
BERING SEA	HERRING	BERING SEA 521	POLL-MID SJV	10	243.24
BERING SEA	HERRING	BERING SEA 521	POLL-MID SJV	11	51.59
BERING SEA	HERRING	BERING SEA 522	OTHER SJV	9	0.06
BERING SEA	HERRING	BERING SEA 522	OTHER SJV	10	63.59
BERING SEA	HERRING	BERING SEA 522	POLL-BOT FJV	10	90.09
BERING SEA	HERRING	BERING SEA 522	POLL-BOT SJV	9	4.88
BERING SEA	HERRING	BERING SEA 522	POLL-BOT SJV	10	15.41
BERING SEA	HERRING	BERING SEA 522	POLL-BOT SJV	11	124.70
BERING SEA	HERRING	BERING SEA 522	POLL-MID SJV	9	38.83
BERING SEA	HERRING	BERING SEA 522	POLL-MID SJV	10	1.64
BERING SEA	OTHER FISH	BERING SEA 511	OTHER SJV	1	1.80
BERING SEA	OTHER FISH	BERING SEA 511	OTHER FJV	1	40.96
BERING SEA	OTHER FISH	BERING SEA 511	OTHER FJV	2	5.86
BERING SEA	OTHER FISH	BERING SEA 511	OTHER FJV	12	0.20
BERING SEA	OTHER FISH	BERING SEA 511	YELL/FLT SJV	1	8.63
BERING SEA	OTHER FISH	BERING SEA 511	YELL/FLT SJV	2	82.48
BERING SEA	OTHER FISH	BERING SEA 511	YELL/FLT SJV	3	18.54
BERING SEA	OTHER FISH	BERING SEA 511	YELL/FLT FJV	1	47.70
BERING SEA	OTHER FISH	BERING SEA 511	YELL/FLT FJV	2	183.21
BERING SEA	OTHER FISH	BERING SEA 511	YELL/FLT FJV	3	101.01
BERING SEA	OTHER FISH	BERING SEA 511	POLL-BOT FJV	9	5.17
BERING SEA	OTHER FISH	BERING SEA 511	POLL-MID FJV	1	0.06
BERING SEA	OTHER FISH	BERING SEA 511	POLL-MID FJV	9	0.12
BERING SEA	OTHER FISH	BERING SEA 511	POLL-MID SJV	1	0.14
BERING SEA	OTHER FISH	BERING SEA 511	POLL-MID SJV	9	7.68
BERING SEA	OTHER FISH	BERING SEA 513	OTHER SJV	9	111.52
BERING SEA	OTHER FISH	BERING SEA 513	OTHER SJV	10	5.80
BERING SEA	OTHER FISH	BERING SEA 513	OTHER FJV	1	7.78
BERING SEA	OTHER FISH	BERING SEA 513	OTHER FJV	2	4.18
BERING SEA	OTHER FISH	BERING SEA 513	OTHER FJV	9	40.92
BERING SEA	OTHER FISH	BERING SEA 513	OTHER FJV	10	4.91
BERING SEA	OTHER FISH	BERING SEA 513	OTHER FJV	12	0.10
BERING SEA	OTHER FISH	BERING SEA 513	YELL/FLT SJV	11	33.15
BERING SEA	OTHER FISH	BERING SEA 513	YELL/FLT FJV	1	0.18

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	OTHER FISH	BERING SEA 513	YELL/FLT FJV	3	99.47
BERING SEA	OTHER FISH	BERING SEA 513	YELL/FLT FJV	9	299.51
BERING SEA	OTHER FISH	BERING SEA 513	YELL/FLT FJV	10	375.08
BERING SEA	OTHER FISH	BERING SEA 513	YELL/FLT FJV	11	424.57
BERING SEA	OTHER FISH	BERING SEA 513	YELL/FLT FJV	12	130.35
BERING SEA	OTHER FISH	BERING SEA 513	POLL-BOT FJV	9	3.02
BERING SEA	OTHER FISH	BERING SEA 513	POLL-MID FJV	9	0.40
BERING SEA	OTHER FISH	BERING SEA 513	POLL-MID SJV	1	0.31
BERING SEA	OTHER FISH	BERING SEA 513	POLL-MID SJV	11	0.96
BERING SEA	OTHER FISH	BERING SEA 514	YELL/FLT FJV	9	403.19
BERING SEA	OTHER FISH	BERING SEA 514	YELL/FLT FJV	10	125.11
BERING SEA	OTHER FISH	BERING SEA 514	YELL/FLT FJV	11	1.40
BERING SEA	OTHER FISH	BERING SEA 514	YELL/FLT FJV	12	99.65
BERING SEA	OTHER FISH	BERING SEA 515	OTHER FJV	1	0.05
BERING SEA	OTHER FISH	BERING SEA 515	OTHER FJV	2	2.47
BERING SEA	OTHER FISH	BERING SEA 515	OTHER FJV	9	0.48
BERING SEA	OTHER FISH	BERING SEA 515	OTHER FJV	12	0.32
BERING SEA	OTHER FISH	BERING SEA 515	POLL-BOT FJV	9	0.14
BERING SEA	OTHER FISH	BERING SEA 515	POLL-BOT FJV	10	0.14
BERING SEA	OTHER FISH	BERING SEA 515	POLL-MID SJV	9	2.13
BERING SEA	OTHER FISH	BERING SEA 516	YELL/FLT SJV	2	188.43
BERING SEA	OTHER FISH	BERING SEA 516	YELL/FLT SJV	3	11.89
BERING SEA	OTHER FISH	BERING SEA 516	YELL/FLT FJV	2	473.82
BERING SEA	OTHER FISH	BERING SEA 516	YELL/FLT FJV	3	52.87
BERING SEA	OTHER FISH	BERING SEA 517	OTHER SJV	1	2.43
BERING SEA	OTHER FISH	BERING SEA 517	OTHER SJV	2	4.05
BERING SEA	OTHER FISH	BERING SEA 517	OTHER SJV	9	106.95
BERING SEA	OTHER FISH	BERING SEA 517	OTHER FJV	1	116.93
BERING SEA	OTHER FISH	BERING SEA 517	OTHER FJV	2	79.57
BERING SEA	OTHER FISH	BERING SEA 517	OTHER FJV	9	51.54
BERING SEA	OTHER FISH	BERING SEA 517	OTHER FJV	12	1.59
BERING SEA	OTHER FISH	BERING SEA 517	YELL/FLT FJV	2	8.88
BERING SEA	OTHER FISH	BERING SEA 517	YELL/FLT FJV	3	73.38
BERING SEA	OTHER FISH	BERING SEA 517	YELL/FLT FJV	9	3.02
BERING SEA	OTHER FISH	BERING SEA 517	POLL-BOT FJV	9	3.11
BERING SEA	OTHER FISH	BERING SEA 517	POLL-MID FJV	1	2.14
BERING SEA	OTHER FISH	BERING SEA 517	POLL-MID FJV	3	0.02
BERING SEA	OTHER FISH	BERING SEA 517	POLL-MID FJV	9	10.95
BERING SEA	OTHER FISH	BERING SEA 517	POLL-MID FJV	10	11.23
BERING SEA	OTHER FISH	BERING SEA 517	POLL-MID FJV	11	4.78
BERING SEA	OTHER FISH	BERING SEA 517	POLL-MID FJV	12	1.80
BERING SEA	OTHER FISH	BERING SEA 517	POLL-BOT SJV	9	36.90
BERING SEA	OTHER FISH	BERING SEA 517	POLL-BOT SJV	11	2.53
BERING SEA	OTHER FISH	BERING SEA 517	POLL-MID SJV	1	0.01

Table 1.--Monthly joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	OTHER FISH	BERING SEA 517	POLL-MID SJV	9	15.15
BERING SEA	OTHER FISH	BERING SEA 517	POLL-MID SJV	10	14.55
BERING SEA	OTHER FISH	BERING SEA 517	POLL-MID SJV	11	15.68
BERING SEA	OTHER FISH	BERING SEA 521	OTHER SJV	9	153.76
BERING SEA	OTHER FISH	BERING SEA 521	OTHER SJV	10	99.93
BERING SEA	OTHER FISH	BERING SEA 521	OTHER FJV	9	128.68
BERING SEA	OTHER FISH	BERING SEA 521	OTHER FJV	10	120.80
BERING SEA	OTHER FISH	BERING SEA 521	YELL/FLT FJV	3	0.90
BERING SEA	OTHER FISH	BERING SEA 521	YELL/FLT FJV	10	1.82
BERING SEA	OTHER FISH	BERING SEA 521	YELL/FLT FJV	11	3.76
BERING SEA	OTHER FISH	BERING SEA 521	POLL-BOT FJV	9	3.73
BERING SEA	OTHER FISH	BERING SEA 521	POLL-BOT FJV	10	19.33
BERING SEA	OTHER FISH	BERING SEA 521	POLL-MID FJV	10	1.01
BERING SEA	OTHER FISH	BERING SEA 521	POLL-BOT SJV	9	19.22
BERING SEA	OTHER FISH	BERING SEA 521	POLL-BOT SJV	10	163.73
BERING SEA	OTHER FISH	BERING SEA 521	POLL-MID SJV	9	3.80
BERING SEA	OTHER FISH	BERING SEA 521	POLL-MID SJV	10	9.50
BERING SEA	OTHER FISH	BERING SEA 521	POLL-MID SJV	11	7.15
BERING SEA	OTHER FISH	BERING SEA 522	OTHER SJV	9	18.08
BERING SEA	OTHER FISH	BERING SEA 522	OTHER SJV	10	12.73
BERING SEA	OTHER FISH	BERING SEA 522	YELL/FLT FJV	9	8.70
BERING SEA	OTHER FISH	BERING SEA 522	POLL-BOT SJV	9	<0.01
BERING SEA	OTHER FISH	BERING SEA 522	POLL-BOT SJV	10	<0.01
BERING SEA	OTHER FISH	BERING SEA 522	POLL-BOT SJV	11	0.02
BERING SEA	OTHER FISH	BERING SEA 522	POLL-MID SJV	9	0.67
BERING SEA	OTHER FISH	ALEUTIANS 540	POLL-MID SJV	11	0.40
BERING SEA	OTHER FISH	ALEUTIANS 540	POLL-MID SJV	12	0.18

Table 2.--Annual joint venture catches in the Bering Sea by species, area, and vessel class, 1989.

REGION	SPECIES	AREA	VESSEL CLASS	BLEND EST.
BERING SEA	POLLOCK	BERING SEA 511	OTHER SJV	950.90
BERING SEA	POLLOCK	BERING SEA 511	OTHER FJV	1491.97
BERING SEA	POLLOCK	BERING SEA 511	YELL/FLT SJV	940.67
BERING SEA	POLLOCK	BERING SEA 511	YELL/FLT FJV	4910.08
BERING SEA	POLLOCK	BERING SEA 511	POLL-BOT FJV	207.10
BERING SEA	POLLOCK	BERING SEA 511	POLL-MID FJV	3384.27
BERING SEA	POLLOCK	BERING SEA 511	POLL-MID SJV	8322.72
BERING SEA	POLLOCK	BERING SEA 513	OTHER SJV	7412.05
BERING SEA	POLLOCK	BERING SEA 513	OTHER FJV	1896.51
BERING SEA	POLLOCK	BERING SEA 513	YELL/FLT SJV	56.75
BERING SEA	POLLOCK	BERING SEA 513	YELL/FLT FJV	5158.14
BERING SEA	POLLOCK	BERING SEA 513	POLL-BOT FJV	318.41
BERING SEA	POLLOCK	BERING SEA 513	POLL-MID FJV	1238.13
BERING SEA	POLLOCK	BERING SEA 513	POLL-MID SJV	6453.78
BERING SEA	POLLOCK	BERING SEA 514	YELL/FLT FJV	1669.95
BERING SEA	POLLOCK	BERING SEA 515	OTHER FJV	58.15
BERING SEA	POLLOCK	BERING SEA 515	POLL-BOT FJV	247.86
BERING SEA	POLLOCK	BERING SEA 515	POLL-MID FJV	398.16
BERING SEA	POLLOCK	BERING SEA 515	POLL-MID SJV	479.33
BERING SEA	POLLOCK	BERING SEA 516	YELL/FLT SJV	1460.31
BERING SEA	POLLOCK	BERING SEA 516	YELL/FLT FJV	5138.37
BERING SEA	POLLOCK	BERING SEA 517	OTHER SJV	5224.68
BERING SEA	POLLOCK	BERING SEA 517	OTHER FJV	5577.69
BERING SEA	POLLOCK	BERING SEA 517	YELL/FLT FJV	1885.90
BERING SEA	POLLOCK	BERING SEA 517	POLL-BOT FJV	947.62
BERING SEA	POLLOCK	BERING SEA 517	POLL-MID FJV	37352.43
BERING SEA	POLLOCK	BERING SEA 517	POLL-BOT SJV	3468.21
BERING SEA	POLLOCK	BERING SEA 517	POLL-MID SJV	69564.24
BERING SEA	POLLOCK	BERING SEA 521	OTHER SJV	19419.53
BERING SEA	POLLOCK	BERING SEA 521	OTHER FJV	13735.53
BERING SEA	POLLOCK	BERING SEA 521	YELL/FLT FJV	12.24
BERING SEA	POLLOCK	BERING SEA 521	POLL-BOT FJV	1181.60
BERING SEA	POLLOCK	BERING SEA 521	POLL-MID FJV	714.73
BERING SEA	POLLOCK	BERING SEA 521	POLL-BOT SJV	31777.04
BERING SEA	POLLOCK	BERING SEA 521	POLL-MID SJV	29900.41
BERING SEA	POLLOCK	BERING SEA 522	OTHER SJV	1778.28
BERING SEA	POLLOCK	BERING SEA 522	YELL/FLT FJV	28.78
BERING SEA	POLLOCK	BERING SEA 522	POLL-BOT FJV	248.27
BERING SEA	POLLOCK	BERING SEA 522	POLL-BOT SJV	865.88
BERING SEA	POLLOCK	BERING SEA 522	POLL-MID SJV	1323.69
BERING SEA	POLLOCK	ALEUTIANS 540	OTHER SJV	151.00
BERING SEA	POLLOCK	ALEUTIANS 540	POLL-MID FJV	913.70
BERING SEA	POLLOCK	ALEUTIANS 540	POLL-MID SJV	9503.80
BERING SEA	PACIFIC COD	BERING SEA 511	OTHER SJV	136.50

Table 2.--Annual joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	BLEND EST.
BERING SEA	PACIFIC COD	BERING SEA 511	OTHER FJV	3802.40
BERING SEA	PACIFIC COD	BERING SEA 511	YELL/FLT SJV	314.05
BERING SEA	PACIFIC COD	BERING SEA 511	YELL/FLT FJV	1976.90
BERING SEA	PACIFIC COD	BERING SEA 511	POLL-BOT FJV	2.66
BERING SEA	PACIFIC COD	BERING SEA 511	POLL-MID FJV	65.88
BERING SEA	PACIFIC COD	BERING SEA 511	POLL-MID SJV	124.34
BERING SEA	PACIFIC COD	BERING SEA 513	OTHER SJV	852.95
BERING SEA	PACIFIC COD	BERING SEA 513	OTHER FJV	2051.98
BERING SEA	PACIFIC COD	BERING SEA 513	YELL/FLT SJV	60.98
BERING SEA	PACIFIC COD	BERING SEA 513	YELL/FLT FJV	2597.39
BERING SEA	PACIFIC COD	BERING SEA 513	POLL-BOT FJV	13.70
BERING SEA	PACIFIC COD	BERING SEA 513	POLL-MID FJV	12.53
BERING SEA	PACIFIC COD	BERING SEA 513	POLL-MID SJV	36.47
BERING SEA	PACIFIC COD	BERING SEA 514	YELL/FLT FJV	1237.89
BERING SEA	PACIFIC COD	BERING SEA 515	OTHER FJV	139.46
BERING SEA	PACIFIC COD	BERING SEA 515	POLL-BOT FJV	7.14
BERING SEA	PACIFIC COD	BERING SEA 515	POLL-MID FJV	1.43
BERING SEA	PACIFIC COD	BERING SEA 515	POLL-MID SJV	4.16
BERING SEA	PACIFIC COD	BERING SEA 516	YELL/FLT SJV	402.55
BERING SEA	PACIFIC COD	BERING SEA 516	YELL/FLT FJV	1164.28
BERING SEA	PACIFIC COD	BERING SEA 517	OTHER SJV	1618.25
BERING SEA	PACIFIC COD	BERING SEA 517	OTHER FJV	21438.48
BERING SEA	PACIFIC COD	BERING SEA 517	YELL/FLT FJV	938.78
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-BOT FJV	39.94
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-MID FJV	344.36
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-BOT SJV	101.93
BERING SEA	PACIFIC COD	BERING SEA 517	POLL-MID SJV	456.26
BERING SEA	PACIFIC COD	BERING SEA 521	OTHER SJV	2079.84
BERING SEA	PACIFIC COD	BERING SEA 521	OTHER FJV	1382.98
BERING SEA	PACIFIC COD	BERING SEA 521	YELL/FLT FJV	4.94
BERING SEA	PACIFIC COD	BERING SEA 521	POLL-BOT FJV	43.43
BERING SEA	PACIFIC COD	BERING SEA 521	POLL-MID FJV	3.76
BERING SEA	PACIFIC COD	BERING SEA 521	POLL-BOT SJV	719.19
BERING SEA	PACIFIC COD	BERING SEA 521	POLL-MID SJV	154.63
BERING SEA	PACIFIC COD	BERING SEA 522	OTHER SJV	230.05
BERING SEA	PACIFIC COD	BERING SEA 522	YELL/FLT FJV	47.30
BERING SEA	PACIFIC COD	BERING SEA 522	POLL-BOT FJV	0.55
BERING SEA	PACIFIC COD	BERING SEA 522	POLL-BOT SJV	0.33
BERING SEA	PACIFIC COD	BERING SEA 522	POLL-MID SJV	1.19
BERING SEA	PACIFIC COD	ALEUTIANS 540	POLL-MID FJV	1.49
BERING SEA	PACIFIC COD	ALEUTIANS 540	POLL-MID SJV	4.23
BERING SEA	SABLEFISH	BERING SEA 511	OTHER FJV	0.04
BERING SEA	SABLEFISH	BERING SEA 511	YELL/FLT SJV	0.11
BERING SEA	SABLEFISH	BERING SEA 511	YELL/FLT FJV	0.17

Table 2.--Annual joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	BLEND EST.
BERING SEA	SABLEFISH	BERING SEA 515	OTHER FJV	1.50
BERING SEA	SABLEFISH	BERING SEA 515	POLL-BOT FJV	1.27
BERING SEA	SABLEFISH	BERING SEA 516	YELL/FLT SJV	<0.01
BERING SEA	SABLEFISH	BERING SEA 516	YELL/FLT FJV	<0.01
BERING SEA	SABLEFISH	BERING SEA 517	OTHER FJV	0.11
BERING SEA	SABLEFISH	BERING SEA 517	POLL-MID FJV	0.15
BERING SEA	SABLEFISH	ALEUTIANS 540	POLL-MID SJV	0.02
BERING SEA	ATKA MACKEREL	BERING SEA 513	OTHER FJV	0.17
BERING SEA	ATKA MACKEREL	BERING SEA 515	OTHER FJV	7.64
BERING SEA	ATKA MACKEREL	BERING SEA 515	POLL-BOT FJV	34.68
BERING SEA	ATKA MACKEREL	BERING SEA 515	POLL-MID FJV	6.29
BERING SEA	ATKA MACKEREL	BERING SEA 517	OTHER FJV	0.33
BERING SEA	ATKA MACKEREL	BERING SEA 517	POLL-MID FJV	0.85
BERING SEA	ATKA MACKEREL	BERING SEA 517	POLL-MID SJV	1.10
BERING SEA	ATKA MACKEREL	ALEUTIANS 540	POLL-MID SJV	0.33
BERING SEA	POP	BERING SEA 513	POLL-MID SJV	1.80
BERING SEA	POP	BERING SEA 515	OTHER FJV	1.70
BERING SEA	POP	BERING SEA 515	POLL-BOT FJV	0.37
BERING SEA	POP	BERING SEA 515	POLL-MID FJV	0.03
BERING SEA	POP	BERING SEA 515	POLL-MID SJV	<0.01
BERING SEA	POP	BERING SEA 517	OTHER SJV	0.92
BERING SEA	POP	BERING SEA 517	OTHER FJV	1.49
BERING SEA	POP	BERING SEA 517	POLL-BOT FJV	0.46
BERING SEA	POP	BERING SEA 517	POLL-MID FJV	4.14
BERING SEA	POP	BERING SEA 517	POLL-BOT SJV	4.20
BERING SEA	POP	BERING SEA 517	POLL-MID SJV	13.70
BERING SEA	POP	BERING SEA 521	OTHER SJV	4.83
BERING SEA	POP	BERING SEA 521	OTHER FJV	6.35
BERING SEA	POP	BERING SEA 521	POLL-BOT FJV	0.74
BERING SEA	POP	ALEUTIANS 540	POLL-MID SJV	0.07
BERING SEA	OTHER ROCKFISH	BERING SEA 511	OTHER FJV	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 511	YELL/FLT FJV	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 513	OTHER SJV	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 513	POLL-MID FJV	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 517	OTHER SJV	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 517	OTHER FJV	0.10
BERING SEA	OTHER ROCKFISH	BERING SEA 517	POLL-MID FJV	0.18
BERING SEA	OTHER ROCKFISH	BERING SEA 517	POLL-MID SJV	0.24
BERING SEA	OTHER ROCKFISH	BERING SEA 521	OTHER SJV	1.16
BERING SEA	OTHER ROCKFISH	BERING SEA 521	OTHER FJV	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 521	POLL-BOT SJV	7.07
BERING SEA	OTHER ROCKFISH	BERING SEA 522	OTHER SJV	1.19
BERING SEA	OTHER ROCKFISH	ALEUTIANS 540	POLL-MID SJV	0.02
BERING SEA	ARROWTOOTH	BERING SEA 511	OTHER SJV	1.29

Table 2.--Annual joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	BLEND EST.
BERING SEA	ARROWTOOTH	BERING SEA 511	OTHER FJV	25.89
BERING SEA	ARROWTOOTH	BERING SEA 511	YELL/FLT SJV	4.26
BERING SEA	ARROWTOOTH	BERING SEA 511	YELL/FLT FJV	13.88
BERING SEA	ARROWTOOTH	BERING SEA 511	POLL-BOT FJV	0.02
BERING SEA	ARROWTOOTH	BERING SEA 511	POLL-MID FJV	0.14
BERING SEA	ARROWTOOTH	BERING SEA 511	POLL-MID SJV	0.28
BERING SEA	ARROWTOOTH	BERING SEA 513	OTHER SJV	143.86
BERING SEA	ARROWTOOTH	BERING SEA 513	OTHER FJV	55.93
BERING SEA	ARROWTOOTH	BERING SEA 513	YELL/FLT SJV	8.25
BERING SEA	ARROWTOOTH	BERING SEA 513	YELL/FLT FJV	609.21
BERING SEA	ARROWTOOTH	BERING SEA 513	POLL-MID FJV	0.01
BERING SEA	ARROWTOOTH	BERING SEA 513	POLL-MID SJV	8.07
BERING SEA	ARROWTOOTH	BERING SEA 514	YELL/FLT FJV	174.07
BERING SEA	ARROWTOOTH	BERING SEA 515	OTHER FJV	4.23
BERING SEA	ARROWTOOTH	BERING SEA 515	POLL-MID FJV	0.02
BERING SEA	ARROWTOOTH	BERING SEA 515	POLL-MID SJV	1.66
BERING SEA	ARROWTOOTH	BERING SEA 516	YELL/FLT SJV	0.07
BERING SEA	ARROWTOOTH	BERING SEA 516	YELL/FLT FJV	3.44
BERING SEA	ARROWTOOTH	BERING SEA 517	OTHER SJV	84.95
BERING SEA	ARROWTOOTH	BERING SEA 517	OTHER FJV	115.16
BERING SEA	ARROWTOOTH	BERING SEA 517	YELL/FLT FJV	7.94
BERING SEA	ARROWTOOTH	BERING SEA 517	POLL-BOT FJV	12.69
BERING SEA	ARROWTOOTH	BERING SEA 517	POLL-MID FJV	11.19
BERING SEA	ARROWTOOTH	BERING SEA 517	POLL-BOT SJV	79.13
BERING SEA	ARROWTOOTH	BERING SEA 517	POLL-MID SJV	38.34
BERING SEA	ARROWTOOTH	BERING SEA 521	OTHER SJV	450.47
BERING SEA	ARROWTOOTH	BERING SEA 521	OTHER FJV	242.88
BERING SEA	ARROWTOOTH	BERING SEA 521	YELL/FLT FJV	1.39
BERING SEA	ARROWTOOTH	BERING SEA 521	POLL-BOT FJV	25.09
BERING SEA	ARROWTOOTH	BERING SEA 521	POLL-MID FJV	0.32
BERING SEA	ARROWTOOTH	BERING SEA 521	POLL-BOT SJV	142.55
BERING SEA	ARROWTOOTH	BERING SEA 521	POLL-MID SJV	23.05
BERING SEA	ARROWTOOTH	BERING SEA 522	OTHER SJV	4.07
BERING SEA	ARROWTOOTH	BERING SEA 522	YELL/FLT FJV	0.36
BERING SEA	ARROWTOOTH	BERING SEA 522	POLL-BOT FJV	<0.01
BERING SEA	ARROWTOOTH	BERING SEA 522	POLL-MID SJV	0.01
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	OTHER SJV	55.33
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	OTHER FJV	8.60
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	YELL/FLT SJV	10022.81
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	YELL/FLT FJV	34036.28
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	OTHER SJV	7.69
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	OTHER FJV	1.74
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	YELL/FLT SJV	495.23
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	YELL/FLT FJV	21408.74

Table 2.--Annual joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	BLEND EST.
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	POLL-BOT FJV	0.84
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	POLL-MID SJV	0.07
BERING SEA	YELLOWFIN SOLE	BERING SEA 514	YELL/FLT FJV	10815.68
BERING SEA	YELLOWFIN SOLE	BERING SEA 516	YELL/FLT SJV	19346.94
BERING SEA	YELLOWFIN SOLE	BERING SEA 516	YELL/FLT FJV	53959.60
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	OTHER FJV	0.50
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	YELL/FLT FJV	1229.60
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	POLL-BOT FJV	0.30
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	POLL-MID FJV	0.10
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	POLL-BOT SJV	<0.01
BERING SEA	YELLOWFIN SOLE	BERING SEA 521	OTHER SJV	2.02
BERING SEA	YELLOWFIN SOLE	BERING SEA 521	OTHER FJV	2.57
BERING SEA	YELLOWFIN SOLE	BERING SEA 521	YELL/FLT FJV	7.25
BERING SEA	YELLOWFIN SOLE	BERING SEA 521	POLL-BOT SJV	0.20
BERING SEA	YELLOWFIN SOLE	BERING SEA 522	YELL/FLT FJV	104.01
BERING SEA	ROCK SOLE	BERING SEA 511	OTHER SJV	2.70
BERING SEA	ROCK SOLE	BERING SEA 511	OTHER FJV	211.77
BERING SEA	ROCK SOLE	BERING SEA 511	YELL/FLT SJV	1515.96
BERING SEA	ROCK SOLE	BERING SEA 511	YELL/FLT FJV	5358.86
BERING SEA	ROCK SOLE	BERING SEA 511	POLL-MID FJV	0.14
BERING SEA	ROCK SOLE	BERING SEA 513	OTHER SJV	15.76
BERING SEA	ROCK SOLE	BERING SEA 513	OTHER FJV	62.62
BERING SEA	ROCK SOLE	BERING SEA 513	YELL/FLT SJV	24.61
BERING SEA	ROCK SOLE	BERING SEA 513	YELL/FLT FJV	5006.17
BERING SEA	ROCK SOLE	BERING SEA 513	POLL-MID FJV	<0.01
BERING SEA	ROCK SOLE	BERING SEA 513	POLL-MID SJV	0.04
BERING SEA	ROCK SOLE	BERING SEA 514	YELL/FLT FJV	2179.48
BERING SEA	ROCK SOLE	BERING SEA 515	OTHER FJV	0.42
BERING SEA	ROCK SOLE	BERING SEA 515	POLL-MID FJV	<0.01
BERING SEA	ROCK SOLE	BERING SEA 516	YELL/FLT SJV	646.70
BERING SEA	ROCK SOLE	BERING SEA 516	YELL/FLT FJV	3809.68
BERING SEA	ROCK SOLE	BERING SEA 517	OTHER SJV	65.23
BERING SEA	ROCK SOLE	BERING SEA 517	OTHER FJV	1323.48
BERING SEA	ROCK SOLE	BERING SEA 517	YELL/FLT FJV	576.32
BERING SEA	ROCK SOLE	BERING SEA 517	POLL-BOT FJV	<0.01
BERING SEA	ROCK SOLE	BERING SEA 517	POLL-MID FJV	4.04
BERING SEA	ROCK SOLE	BERING SEA 517	POLL-BOT SJV	<0.01
BERING SEA	ROCK SOLE	BERING SEA 517	POLL-MID SJV	0.02
BERING SEA	ROCK SOLE	BERING SEA 521	OTHER SJV	43.69
BERING SEA	ROCK SOLE	BERING SEA 521	OTHER FJV	29.85
BERING SEA	ROCK SOLE	BERING SEA 521	YELL/FLT FJV	60.97
BERING SEA	ROCK SOLE	BERING SEA 521	POLL-BOT FJV	6.12
BERING SEA	ROCK SOLE	BERING SEA 521	POLL-BOT SJV	42.62
BERING SEA	ROCK SOLE	BERING SEA 521	POLL-MID SJV	5.32

Table 2.--Annual joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	BLEND EST.
BERING SEA	ROCK SOLE	BERING SEA 522	YELL/FLT FJV	17.60
BERING SEA	GREENLAND TURBOT	BERING SEA 511	OTHER FJV	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 511	YELL/FLT FJV	0.29
BERING SEA	GREENLAND TURBOT	BERING SEA 511	POLL-MID SJV	0.14
BERING SEA	GREENLAND TURBOT	BERING SEA 513	OTHER SJV	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 513	OTHER FJV	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 513	YELL/FLT FJV	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 514	YELL/FLT FJV	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 516	YELL/FLT FJV	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 517	OTHER SJV	0.60
BERING SEA	GREENLAND TURBOT	BERING SEA 517	OTHER FJV	0.19
BERING SEA	GREENLAND TURBOT	BERING SEA 517	YELL/FLT FJV	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 517	POLL-BOT FJV	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 517	POLL-MID FJV	1.79
BERING SEA	GREENLAND TURBOT	BERING SEA 517	POLL-BOT SJV	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 517	POLL-MID SJV	11.95
BERING SEA	GREENLAND TURBOT	BERING SEA 521	OTHER SJV	17.37
BERING SEA	GREENLAND TURBOT	BERING SEA 521	OTHER FJV	8.53
BERING SEA	GREENLAND TURBOT	BERING SEA 521	POLL-BOT FJV	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 521	POLL-MID FJV	0.02
BERING SEA	GREENLAND TURBOT	BERING SEA 521	POLL-BOT SJV	8.56
BERING SEA	GREENLAND TURBOT	BERING SEA 521	POLL-MID SJV	0.73
BERING SEA	GREENLAND TURBOT	BERING SEA 522	OTHER SJV	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 522	POLL-BOT FJV	0.03
BERING SEA	GREENLAND TURBOT	BERING SEA 522	POLL-MID SJV	0.04
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	OTHER SJV	15.76
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	OTHER FJV	94.84
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	YELL/FLT SJV	834.05
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	YELL/FLT FJV	2402.41
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	POLL-BOT FJV	0.53
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	POLL-MID FJV	0.47
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	POLL-MID SJV	1.49
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	OTHER SJV	105.75
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	OTHER FJV	63.76
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	YELL/FLT SJV	36.53
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	YELL/FLT FJV	5334.84
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	POLL-BOT FJV	7.11
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	POLL-MID FJV	0.31
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	POLL-MID SJV	26.12
BERING SEA	OTHER FLOUNDERS	BERING SEA 514	YELL/FLT FJV	3408.47
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	OTHER FJV	2.41
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	POLL-BOT FJV	3.04
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	POLL-MID FJV	1.09
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	POLL-MID SJV	1.76

Table 2.--Annual joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	BLEND EST.
BERING SEA	OTHER FLOUNDERS	BERING SEA 516	YELL/FLT SJV	425.05
BERING SEA	OTHER FLOUNDERS	BERING SEA 516	YELL/FLT FJV	1367.32
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	OTHER SJV	76.16
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	OTHER FJV	302.09
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	YELL/FLT FJV	3214.81
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-BOT FJV	9.36
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-MID FJV	41.89
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-BOT SJV	26.90
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	POLL-MID SJV	154.23
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	OTHER SJV	371.62
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	OTHER FJV	262.31
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	YELL/FLT FJV	<0.01
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	POLL-BOT FJV	14.96
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	POLL-MID FJV	0.59
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	POLL-BOT SJV	108.88
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	POLL-MID SJV	24.06
BERING SEA	OTHER FLOUNDERS	BERING SEA 522	OTHER SJV	38.52
BERING SEA	OTHER FLOUNDERS	BERING SEA 522	YELL/FLT FJV	29.00
BERING SEA	OTHER FLOUNDERS	BERING SEA 522	POLL-BOT FJV	<0.01
BERING SEA	OTHER FLOUNDERS	BERING SEA 522	POLL-MID SJV	0.01
BERING SEA	SQUID	BERING SEA 511	OTHER SJV	4.56
BERING SEA	SQUID	BERING SEA 511	POLL-MID SJV	<0.01
BERING SEA	SQUID	BERING SEA 513	OTHER SJV	<0.01
BERING SEA	SQUID	BERING SEA 513	OTHER FJV	0.10
BERING SEA	SQUID	BERING SEA 513	YELL/FLT SJV	<0.01
BERING SEA	SQUID	BERING SEA 513	YELL/FLT FJV	<0.01
BERING SEA	SQUID	BERING SEA 513	POLL-MID SJV	8.42
BERING SEA	SQUID	BERING SEA 515	OTHER FJV	<0.01
BERING SEA	SQUID	BERING SEA 515	POLL-MID FJV	0.37
BERING SEA	SQUID	BERING SEA 515	POLL-MID SJV	0.20
BERING SEA	SQUID	BERING SEA 517	OTHER FJV	0.33
BERING SEA	SQUID	BERING SEA 517	POLL-MID FJV	9.48
BERING SEA	SQUID	BERING SEA 517	POLL-BOT SJV	3.24
BERING SEA	SQUID	BERING SEA 517	POLL-MID SJV	83.01
BERING SEA	SQUID	ALEUTIANS 540	POLL-MID SJV	0.75
BERING SEA	HERRING	BERING SEA 511	YELL/FLT SJV	0.08
BERING SEA	HERRING	BERING SEA 511	POLL-BOT FJV	8.63
BERING SEA	HERRING	BERING SEA 511	POLL-MID FJV	0.66
BERING SEA	HERRING	BERING SEA 511	POLL-MID SJV	2.07
BERING SEA	HERRING	BERING SEA 513	OTHER SJV	14.80
BERING SEA	HERRING	BERING SEA 513	OTHER FJV	0.13
BERING SEA	HERRING	BERING SEA 513	YELL/FLT FJV	0.03
BERING SEA	HERRING	BERING SEA 513	POLL-BOT FJV	0.06
BERING SEA	HERRING	BERING SEA 513	POLL-MID FJV	0.70

Table 2.--Annual joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	BLEND EST.
BERING SEA	HERRING	BERING SEA 514	YELL/FLT FJV	<0.01
BERING SEA	HERRING	BERING SEA 515	OTHER FJV	2.62
BERING SEA	HERRING	BERING SEA 515	POLL-BOT FJV	17.82
BERING SEA	HERRING	BERING SEA 515	POLL-MID SJV	<0.01
BERING SEA	HERRING	BERING SEA 517	OTHER SJV	1.30
BERING SEA	HERRING	BERING SEA 517	OTHER FJV	0.25
BERING SEA	HERRING	BERING SEA 517	POLL-BOT FJV	0.11
BERING SEA	HERRING	BERING SEA 517	POLL-MID FJV	1.95
BERING SEA	HERRING	BERING SEA 517	POLL-BOT SJV	62.99
BERING SEA	HERRING	BERING SEA 517	POLL-MID SJV	53.06
BERING SEA	HERRING	BERING SEA 521	OTHER SJV	200.71
BERING SEA	HERRING	BERING SEA 521	OTHER FJV	27.81
BERING SEA	HERRING	BERING SEA 521	POLL-BOT FJV	0.06
BERING SEA	HERRING	BERING SEA 521	POLL-MID FJV	20.31
BERING SEA	HERRING	BERING SEA 521	POLL-BOT SJV	1313.78
BERING SEA	HERRING	BERING SEA 521	POLL-MID SJV	458.24
BERING SEA	HERRING	BERING SEA 522	OTHER SJV	63.65
BERING SEA	HERRING	BERING SEA 522	POLL-BOT FJV	90.09
BERING SEA	HERRING	BERING SEA 522	POLL-BOT SJV	144.99
BERING SEA	HERRING	BERING SEA 522	POLL-MID SJV	40.47
BERING SEA	OTHER FISH	BERING SEA 511	OTHER SJV	1.80
BERING SEA	OTHER FISH	BERING SEA 511	OTHER FJV	47.03
BERING SEA	OTHER FISH	BERING SEA 511	YELL/FLT SJV	109.65
BERING SEA	OTHER FISH	BERING SEA 511	YELL/FLT FJV	331.91
BERING SEA	OTHER FISH	BERING SEA 511	POLL-BOT FJV	5.17
BERING SEA	OTHER FISH	BERING SEA 511	POLL-MID FJV	0.18
BERING SEA	OTHER FISH	BERING SEA 511	POLL-MID SJV	7.82
BERING SEA	OTHER FISH	BERING SEA 513	OTHER SJV	117.32
BERING SEA	OTHER FISH	BERING SEA 513	OTHER FJV	57.90
BERING SEA	OTHER FISH	BERING SEA 513	YELL/FLT SJV	33.15
BERING SEA	OTHER FISH	BERING SEA 513	YELL/FLT FJV	1329.17
BERING SEA	OTHER FISH	BERING SEA 513	POLL-BOT FJV	3.02
BERING SEA	OTHER FISH	BERING SEA 513	POLL-MID FJV	0.40
BERING SEA	OTHER FISH	BERING SEA 513	POLL-MID SJV	1.27
BERING SEA	OTHER FISH	BERING SEA 514	YELL/FLT FJV	629.35
BERING SEA	OTHER FISH	BERING SEA 515	OTHER FJV	3.32
BERING SEA	OTHER FISH	BERING SEA 515	POLL-BOT FJV	0.28
BERING SEA	OTHER FISH	BERING SEA 515	POLL-MID SJV	2.13
BERING SEA	OTHER FISH	BERING SEA 516	YELL/FLT SJV	200.32
BERING SEA	OTHER FISH	BERING SEA 516	YELL/FLT FJV	526.69
BERING SEA	OTHER FISH	BERING SEA 517	OTHER SJV	113.43
BERING SEA	OTHER FISH	BERING SEA 517	OTHER FJV	249.64
BERING SEA	OTHER FISH	BERING SEA 517	YELL/FLT FJV	85.27
BERING SEA	OTHER FISH	BERING SEA 517	POLL-BOT FJV	3.11

Table 2.--Annual joint venture catches in the Bering Sea by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	BLEND EST.
BERING SEA	OTHER FISH	BERING SEA 517	POLL-MID FJV	30.93
BERING SEA	OTHER FISH	BERING SEA 517	POLL-BOT SJV	39.44
BERING SEA	OTHER FISH	BERING SEA 517	POLL-MID SJV	45.38
BERING SEA	OTHER FISH	BERING SEA 521	OTHER SJV	253.69
BERING SEA	OTHER FISH	BERING SEA 521	OTHER FJV	249.48
BERING SEA	OTHER FISH	BERING SEA 521	YELL/FLT FJV	6.48
BERING SEA	OTHER FISH	BERING SEA 521	POLL-BOT FJV	23.06
BERING SEA	OTHER FISH	BERING SEA 521	POLL-MID FJV	1.01
BERING SEA	OTHER FISH	BERING SEA 521	POLL-BOT SJV	182.95
BERING SEA	OTHER FISH	BERING SEA 521	POLL-MID SJV	20.44
BERING SEA	OTHER FISH	BERING SEA 522	OTHER SJV	30.81
BERING SEA	OTHER FISH	BERING SEA 522	YELL/FLT FJV	8.70
BERING SEA	OTHER FISH	BERING SEA 522	POLL-BOT SJV	0.02
BERING SEA	OTHER FISH	BERING SEA 522	POLL-MID SJV	0.67
BERING SEA	OTHER FISH	ALEUTIANS 540	POLL-MID SJV	0.58

Table 3.--Monthly joint venture catches in the Bering Sea by species and area, 1989.

REGION	SPECIES	AREA	MONTH	BLEND EST.
BERING SEA	POLLOCK	BERING SEA 511	1	12539.02
BERING SEA	POLLOCK	BERING SEA 511	2	3353.70
BERING SEA	POLLOCK	BERING SEA 511	3	1858.63
BERING SEA	POLLOCK	BERING SEA 511	9	2357.43
BERING SEA	POLLOCK	BERING SEA 511	10	5.81
BERING SEA	POLLOCK	BERING SEA 511	12	93.12
BERING SEA	POLLOCK	BERING SEA 513	1	2905.94
BERING SEA	POLLOCK	BERING SEA 513	2	107.75
BERING SEA	POLLOCK	BERING SEA 513	3	2082.80
BERING SEA	POLLOCK	BERING SEA 513	9	10527.80
BERING SEA	POLLOCK	BERING SEA 513	10	3581.94
BERING SEA	POLLOCK	BERING SEA 513	11	3152.88
BERING SEA	POLLOCK	BERING SEA 513	12	172.07
BERING SEA	POLLOCK	BERING SEA 514	9	1132.09
BERING SEA	POLLOCK	BERING SEA 514	10	348.70
BERING SEA	POLLOCK	BERING SEA 514	11	3.37
BERING SEA	POLLOCK	BERING SEA 514	12	185.79
BERING SEA	POLLOCK	BERING SEA 515	1	21.65
BERING SEA	POLLOCK	BERING SEA 515	2	2.05
BERING SEA	POLLOCK	BERING SEA 515	9	559.82
BERING SEA	POLLOCK	BERING SEA 515	10	67.97
BERING SEA	POLLOCK	BERING SEA 515	12	532.01
BERING SEA	POLLOCK	BERING SEA 516	2	6003.27
BERING SEA	POLLOCK	BERING SEA 516	3	595.41
BERING SEA	POLLOCK	BERING SEA 517	1	34618.36
BERING SEA	POLLOCK	BERING SEA 517	2	1544.24
BERING SEA	POLLOCK	BERING SEA 517	3	1815.23
BERING SEA	POLLOCK	BERING SEA 517	9	31709.70
BERING SEA	POLLOCK	BERING SEA 517	10	24244.49
BERING SEA	POLLOCK	BERING SEA 517	11	27380.46
BERING SEA	POLLOCK	BERING SEA 517	12	3041.70
BERING SEA	POLLOCK	BERING SEA 521	3	10.50
BERING SEA	POLLOCK	BERING SEA 521	9	39073.15
BERING SEA	POLLOCK	BERING SEA 521	10	48924.34
BERING SEA	POLLOCK	BERING SEA 521	11	8733.10
BERING SEA	POLLOCK	BERING SEA 522	9	2324.03
BERING SEA	POLLOCK	BERING SEA 522	10	1182.19
BERING SEA	POLLOCK	BERING SEA 522	11	738.68
BERING SEA	POLLOCK	ALEUTIANS 540	11	4446.60
BERING SEA	POLLOCK	ALEUTIANS 540	12	6374.13
BERING SEA	PACIFIC COD	BERING SEA 511	1	4017.94
BERING SEA	PACIFIC COD	BERING SEA 511	2	2025.38
BERING SEA	PACIFIC COD	BERING SEA 511	3	350.22
BERING SEA	PACIFIC COD	BERING SEA 511	9	21.82

Table 3.--Monthly joint venture catches in the Bering Sea by species and area, 1989 (Continued).

REGION	SPECIES	AREA	MONTH	BLEND EST.
BERING SEA	PACIFIC COD	BERING SEA 511	12	7.37
BERING SEA	PACIFIC COD	BERING SEA 513	1	1288.88
BERING SEA	PACIFIC COD	BERING SEA 513	2	608.95
BERING SEA	PACIFIC COD	BERING SEA 513	3	378.61
BERING SEA	PACIFIC COD	BERING SEA 513	9	1874.70
BERING SEA	PACIFIC COD	BERING SEA 513	10	577.24
BERING SEA	PACIFIC COD	BERING SEA 513	11	754.63
BERING SEA	PACIFIC COD	BERING SEA 513	12	142.16
BERING SEA	PACIFIC COD	BERING SEA 514	9	784.54
BERING SEA	PACIFIC COD	BERING SEA 514	10	319.44
BERING SEA	PACIFIC COD	BERING SEA 514	11	2.45
BERING SEA	PACIFIC COD	BERING SEA 514	12	131.45
BERING SEA	PACIFIC COD	BERING SEA 515	1	15.07
BERING SEA	PACIFIC COD	BERING SEA 515	2	103.14
BERING SEA	PACIFIC COD	BERING SEA 515	9	22.02
BERING SEA	PACIFIC COD	BERING SEA 515	10	0.78
BERING SEA	PACIFIC COD	BERING SEA 515	12	11.17
BERING SEA	PACIFIC COD	BERING SEA 516	2	1461.09
BERING SEA	PACIFIC COD	BERING SEA 516	3	105.74
BERING SEA	PACIFIC COD	BERING SEA 517	1	10256.61
BERING SEA	PACIFIC COD	BERING SEA 517	2	13146.48
BERING SEA	PACIFIC COD	BERING SEA 517	3	249.44
BERING SEA	PACIFIC COD	BERING SEA 517	9	1023.51
BERING SEA	PACIFIC COD	BERING SEA 517	10	67.73
BERING SEA	PACIFIC COD	BERING SEA 517	11	121.19
BERING SEA	PACIFIC COD	BERING SEA 517	12	73.02
BERING SEA	PACIFIC COD	BERING SEA 521	9	2358.36
BERING SEA	PACIFIC COD	BERING SEA 521	10	2008.40
BERING SEA	PACIFIC COD	BERING SEA 521	11	22.01
BERING SEA	PACIFIC COD	BERING SEA 522	9	145.76
BERING SEA	PACIFIC COD	BERING SEA 522	10	133.35
BERING SEA	PACIFIC COD	BERING SEA 522	11	0.32
BERING SEA	PACIFIC COD	ALEUTIANS 540	11	1.91
BERING SEA	PACIFIC COD	ALEUTIANS 540	12	4.12
BERING SEA	SABLEFISH	BERING SEA 511	1	0.26
BERING SEA	SABLEFISH	BERING SEA 511	2	0.06
BERING SEA	SABLEFISH	BERING SEA 515	9	2.77
BERING SEA	SABLEFISH	BERING SEA 516	2	<0.01
BERING SEA	SABLEFISH	BERING SEA 517	1	0.01
BERING SEA	SABLEFISH	BERING SEA 517	2	0.02
BERING SEA	SABLEFISH	BERING SEA 517	9	0.08
BERING SEA	SABLEFISH	BERING SEA 517	10	0.15
BERING SEA	SABLEFISH	ALEUTIANS 540	12	0.02
BERING SEA	ATKA MACKEREL	BERING SEA 513	1	0.17

Table 3.--Monthly joint venture catches in the Bering Sea by species and area, 1989 (Continued).

REGION	SPECIES	AREA	MONTH	BLEND EST.
BERING SEA	ATKA MACKEREL	BERING SEA 515	9	21.94
BERING SEA	ATKA MACKEREL	BERING SEA 515	10	2.30
BERING SEA	ATKA MACKEREL	BERING SEA 515	12	24.36
BERING SEA	ATKA MACKEREL	BERING SEA 517	1	0.32
BERING SEA	ATKA MACKEREL	BERING SEA 517	2	0.01
BERING SEA	ATKA MACKEREL	BERING SEA 517	9	0.01
BERING SEA	ATKA MACKEREL	BERING SEA 517	10	1.10
BERING SEA	ATKA MACKEREL	BERING SEA 517	12	0.84
BERING SEA	ATKA MACKEREL	ALEUTIANS 540	12	0.33
BERING SEA	POP	BERING SEA 513	10	1.60
BERING SEA	POP	BERING SEA 513	11	0.20
BERING SEA	POP	BERING SEA 515	9	1.79
BERING SEA	POP	BERING SEA 515	10	0.02
BERING SEA	POP	BERING SEA 515	12	0.29
BERING SEA	POP	BERING SEA 517	2	0.29
BERING SEA	POP	BERING SEA 517	9	5.83
BERING SEA	POP	BERING SEA 517	10	6.65
BERING SEA	POP	BERING SEA 517	11	12.12
BERING SEA	POP	BERING SEA 517	12	0.04
BERING SEA	POP	BERING SEA 521	9	11.74
BERING SEA	POP	BERING SEA 521	10	0.18
BERING SEA	POP	ALEUTIANS 540	11	0.05
BERING SEA	POP	ALEUTIANS 540	12	0.02
BERING SEA	OTHER ROCKFISH	BERING SEA 511	1	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 511	2	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 513	1	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 513	9	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 517	1	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 517	2	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 517	9	0.29
BERING SEA	OTHER ROCKFISH	BERING SEA 517	10	0.09
BERING SEA	OTHER ROCKFISH	BERING SEA 517	11	0.14
BERING SEA	OTHER ROCKFISH	BERING SEA 521	9	8.16
BERING SEA	OTHER ROCKFISH	BERING SEA 521	10	0.07
BERING SEA	OTHER ROCKFISH	BERING SEA 522	9	1.19
BERING SEA	OTHER ROCKFISH	ALEUTIANS 540	12	0.02
BERING SEA	ARROWTOOTH	BERING SEA 511	1	29.68
BERING SEA	ARROWTOOTH	BERING SEA 511	2	15.10
BERING SEA	ARROWTOOTH	BERING SEA 511	3	0.54
BERING SEA	ARROWTOOTH	BERING SEA 511	9	0.44
BERING SEA	ARROWTOOTH	BERING SEA 511	12	<0.01
BERING SEA	ARROWTOOTH	BERING SEA 513	1	31.98
BERING SEA	ARROWTOOTH	BERING SEA 513	2	3.11
BERING SEA	ARROWTOOTH	BERING SEA 513	3	0.18

Table 3.--Monthly joint venture catches in the Bering Sea by species and area, 1989 (Continued).

REGION	SPECIES	AREA	MONTH	BLEND EST.
BERING SEA	ARROWTOOTH	BERING SEA 513	9	389.87
BERING SEA	ARROWTOOTH	BERING SEA 513	10	212.06
BERING SEA	ARROWTOOTH	BERING SEA 513	11	166.25
BERING SEA	ARROWTOOTH	BERING SEA 513	12	21.88
BERING SEA	ARROWTOOTH	BERING SEA 514	9	103.51
BERING SEA	ARROWTOOTH	BERING SEA 514	10	64.20
BERING SEA	ARROWTOOTH	BERING SEA 514	11	0.77
BERING SEA	ARROWTOOTH	BERING SEA 514	12	5.58
BERING SEA	ARROWTOOTH	BERING SEA 515	1	0.12
BERING SEA	ARROWTOOTH	BERING SEA 515	2	3.33
BERING SEA	ARROWTOOTH	BERING SEA 515	9	1.66
BERING SEA	ARROWTOOTH	BERING SEA 515	12	0.80
BERING SEA	ARROWTOOTH	BERING SEA 516	2	3.44
BERING SEA	ARROWTOOTH	BERING SEA 516	3	0.07
BERING SEA	ARROWTOOTH	BERING SEA 517	1	50.49
BERING SEA	ARROWTOOTH	BERING SEA 517	2	56.91
BERING SEA	ARROWTOOTH	BERING SEA 517	3	2.05
BERING SEA	ARROWTOOTH	BERING SEA 517	9	154.79
BERING SEA	ARROWTOOTH	BERING SEA 517	10	23.19
BERING SEA	ARROWTOOTH	BERING SEA 517	11	59.03
BERING SEA	ARROWTOOTH	BERING SEA 517	12	2.89
BERING SEA	ARROWTOOTH	BERING SEA 521	9	455.74
BERING SEA	ARROWTOOTH	BERING SEA 521	10	428.97
BERING SEA	ARROWTOOTH	BERING SEA 521	11	1.02
BERING SEA	ARROWTOOTH	BERING SEA 522	9	1.94
BERING SEA	ARROWTOOTH	BERING SEA 522	10	2.50
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	1	6413.87
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	2	19394.43
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	3	18314.72
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	1	39.27
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	2	<0.01
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	3	1277.98
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	9	6874.64
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	10	6076.36
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	11	6868.28
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	12	772.71
BERING SEA	YELLOWFIN SOLE	BERING SEA 514	9	5251.53
BERING SEA	YELLOWFIN SOLE	BERING SEA 514	10	3392.99
BERING SEA	YELLOWFIN SOLE	BERING SEA 514	11	10.35
BERING SEA	YELLOWFIN SOLE	BERING SEA 514	12	2160.81
BERING SEA	YELLOWFIN SOLE	BERING SEA 516	2	67277.98
BERING SEA	YELLOWFIN SOLE	BERING SEA 516	3	6028.56
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	1	0.33
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	2	0.19

Table 3.--Monthly joint venture catches in the Bering Sea by species and area, 1989 (Continued).

REGION	SPECIES	AREA	MONTH	BLEND EST.
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	3	1185.38
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	9	44.60
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	10	<0.01
BERING SEA	YELLOWFIN SOLE	BERING SEA 521	9	3.06
BERING SEA	YELLOWFIN SOLE	BERING SEA 521	10	5.09
BERING SEA	YELLOWFIN SOLE	BERING SEA 521	11	3.90
BERING SEA	YELLOWFIN SOLE	BERING SEA 522	9	104.01
BERING SEA	ROCK SOLE	BERING SEA 511	1	1059.37
BERING SEA	ROCK SOLE	BERING SEA 511	2	4213.06
BERING SEA	ROCK SOLE	BERING SEA 511	3	1816.99
BERING SEA	ROCK SOLE	BERING SEA 511	12	0.01
BERING SEA	ROCK SOLE	BERING SEA 513	1	12.87
BERING SEA	ROCK SOLE	BERING SEA 513	2	46.46
BERING SEA	ROCK SOLE	BERING SEA 513	3	214.26
BERING SEA	ROCK SOLE	BERING SEA 513	9	1328.53
BERING SEA	ROCK SOLE	BERING SEA 513	10	1619.92
BERING SEA	ROCK SOLE	BERING SEA 513	11	1494.55
BERING SEA	ROCK SOLE	BERING SEA 513	12	392.62
BERING SEA	ROCK SOLE	BERING SEA 514	9	1427.88
BERING SEA	ROCK SOLE	BERING SEA 514	10	470.56
BERING SEA	ROCK SOLE	BERING SEA 514	11	3.99
BERING SEA	ROCK SOLE	BERING SEA 514	12	277.05
BERING SEA	ROCK SOLE	BERING SEA 515	1	0.04
BERING SEA	ROCK SOLE	BERING SEA 515	2	0.38
BERING SEA	ROCK SOLE	BERING SEA 516	2	3988.28
BERING SEA	ROCK SOLE	BERING SEA 516	3	468.10
BERING SEA	ROCK SOLE	BERING SEA 517	1	255.24
BERING SEA	ROCK SOLE	BERING SEA 517	2	1325.89
BERING SEA	ROCK SOLE	BERING SEA 517	3	370.39
BERING SEA	ROCK SOLE	BERING SEA 517	9	5.56
BERING SEA	ROCK SOLE	BERING SEA 517	10	<0.01
BERING SEA	ROCK SOLE	BERING SEA 517	11	0.01
BERING SEA	ROCK SOLE	BERING SEA 521	3	7.80
BERING SEA	ROCK SOLE	BERING SEA 521	9	30.09
BERING SEA	ROCK SOLE	BERING SEA 521	10	115.99
BERING SEA	ROCK SOLE	BERING SEA 521	11	34.69
BERING SEA	ROCK SOLE	BERING SEA 522	9	17.60
BERING SEA	GREENLAND TURBOT	BERING SEA 511	1	0.12
BERING SEA	GREENLAND TURBOT	BERING SEA 511	2	0.17
BERING SEA	GREENLAND TURBOT	BERING SEA 511	3	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 511	9	0.14
BERING SEA	GREENLAND TURBOT	BERING SEA 513	3	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 513	9	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 513	10	<0.01

Table 3.--Monthly joint venture catches in the Bering Sea by species and area, 1989 (Continued).

REGION	SPECIES	AREA	MONTH	BLEND EST.
BERING SEA	GREENLAND TURBOT	BERING SEA 513	11	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 514	9	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 514	10	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 516	2	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 517	1	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 517	2	0.07
BERING SEA	GREENLAND TURBOT	BERING SEA 517	3	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 517	9	0.91
BERING SEA	GREENLAND TURBOT	BERING SEA 517	10	4.77
BERING SEA	GREENLAND TURBOT	BERING SEA 517	11	8.78
BERING SEA	GREENLAND TURBOT	BERING SEA 521	9	13.11
BERING SEA	GREENLAND TURBOT	BERING SEA 521	10	22.11
BERING SEA	GREENLAND TURBOT	BERING SEA 522	9	0.03
BERING SEA	GREENLAND TURBOT	BERING SEA 522	10	0.04
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	1	607.18
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	2	1293.06
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	3	1446.56
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	9	1.74
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	12	1.00
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	1	29.48
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	2	3.08
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	3	1937.60
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	9	1942.03
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	10	747.02
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	11	789.18
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	12	126.05
BERING SEA	OTHER FLOUNDERS	BERING SEA 514	9	1963.35
BERING SEA	OTHER FLOUNDERS	BERING SEA 514	10	1120.32
BERING SEA	OTHER FLOUNDERS	BERING SEA 514	11	0.72
BERING SEA	OTHER FLOUNDERS	BERING SEA 514	12	324.08
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	1	<0.01
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	2	0.04
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	9	3.67
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	10	2.04
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	12	2.55
BERING SEA	OTHER FLOUNDERS	BERING SEA 516	2	1539.32
BERING SEA	OTHER FLOUNDERS	BERING SEA 516	3	253.05
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	1	98.29
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	2	200.27
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	3	3175.53
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	9	207.63
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	10	67.95
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	11	59.91
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	12	15.04

Table 3.--Monthly joint venture catches in the Bering Sea by species and area, 1989 (Continued).

REGION	SPECIES	AREA	MONTH	BLEND EST.
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	9	460.62
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	10	321.79
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	11	0.02
BERING SEA	OTHER FLOUNDERS	BERING SEA 522	9	57.08
BERING SEA	OTHER FLOUNDERS	BERING SEA 522	10	10.45
BERING SEA	SQUID	BERING SEA 511	1	4.56
BERING SEA	SQUID	BERING SEA 511	9	<0.01
BERING SEA	SQUID	BERING SEA 513	2	0.10
BERING SEA	SQUID	BERING SEA 513	9	<0.01
BERING SEA	SQUID	BERING SEA 513	10	4.04
BERING SEA	SQUID	BERING SEA 513	11	4.38
BERING SEA	SQUID	BERING SEA 515	9	0.20
BERING SEA	SQUID	BERING SEA 515	12	0.37
BERING SEA	SQUID	BERING SEA 517	1	0.38
BERING SEA	SQUID	BERING SEA 517	9	6.46
BERING SEA	SQUID	BERING SEA 517	10	40.53
BERING SEA	SQUID	BERING SEA 517	11	47.83
BERING SEA	SQUID	BERING SEA 517	12	0.87
BERING SEA	SQUID	ALEUTIANS 540	11	0.02
BERING SEA	SQUID	ALEUTIANS 540	12	0.76
BERING SEA	HERRING	BERING SEA 511	1	<0.01
BERING SEA	HERRING	BERING SEA 511	2	0.08
BERING SEA	HERRING	BERING SEA 511	9	11.35
BERING SEA	HERRING	BERING SEA 513	9	15.72
BERING SEA	HERRING	BERING SEA 514	9	<0.01
BERING SEA	HERRING	BERING SEA 515	9	20.44
BERING SEA	HERRING	BERING SEA 517	1	<0.01
BERING SEA	HERRING	BERING SEA 517	2	<0.01
BERING SEA	HERRING	BERING SEA 517	9	70.59
BERING SEA	HERRING	BERING SEA 517	10	49.07
BERING SEA	HERRING	BERING SEA 521	9	1095.20
BERING SEA	HERRING	BERING SEA 521	10	874.12
BERING SEA	HERRING	BERING SEA 521	11	51.59
BERING SEA	HERRING	BERING SEA 522	9	43.77
BERING SEA	HERRING	BERING SEA 522	10	170.73
BERING SEA	HERRING	BERING SEA 522	11	124.70
BERING SEA	OTHER FISH	BERING SEA 511	1	99.30
BERING SEA	OTHER FISH	BERING SEA 511	2	271.55
BERING SEA	OTHER FISH	BERING SEA 511	3	119.55
BERING SEA	OTHER FISH	BERING SEA 511	9	12.97
BERING SEA	OTHER FISH	BERING SEA 511	12	0.20
BERING SEA	OTHER FISH	BERING SEA 513	1	8.27
BERING SEA	OTHER FISH	BERING SEA 513	2	4.18
BERING SEA	OTHER FISH	BERING SEA 513	3	99.47

Table 3.--Monthly joint venture catches in the Bering Sea by species and area, 1989 (Continued).

REGION	SPECIES	AREA	MONTH	BLEND EST.
BERING SEA	OTHER FISH	BERING SEA 513	9	455.37
BERING SEA	OTHER FISH	BERING SEA 513	10	385.80
BERING SEA	OTHER FISH	BERING SEA 513	11	458.35
BERING SEA	OTHER FISH	BERING SEA 513	12	130.45
BERING SEA	OTHER FISH	BERING SEA 514	9	403.19
BERING SEA	OTHER FISH	BERING SEA 514	10	125.11
BERING SEA	OTHER FISH	BERING SEA 514	11	1.40
BERING SEA	OTHER FISH	BERING SEA 514	12	99.65
BERING SEA	OTHER FISH	BERING SEA 515	1	0.05
BERING SEA	OTHER FISH	BERING SEA 515	2	2.47
BERING SEA	OTHER FISH	BERING SEA 515	9	2.75
BERING SEA	OTHER FISH	BERING SEA 515	10	0.14
BERING SEA	OTHER FISH	BERING SEA 515	12	0.32
BERING SEA	OTHER FISH	BERING SEA 516	2	662.25
BERING SEA	OTHER FISH	BERING SEA 516	3	64.76
BERING SEA	OTHER FISH	BERING SEA 517	1	120.95
BERING SEA	OTHER FISH	BERING SEA 517	2	92.50
BERING SEA	OTHER FISH	BERING SEA 517	3	73.40
BERING SEA	OTHER FISH	BERING SEA 517	9	227.63
BERING SEA	OTHER FISH	BERING SEA 517	10	25.77
BERING SEA	OTHER FISH	BERING SEA 517	11	23.06
BERING SEA	OTHER FISH	BERING SEA 517	12	3.39
BERING SEA	OTHER FISH	BERING SEA 521	3	0.90
BERING SEA	OTHER FISH	BERING SEA 521	9	309.20
BERING SEA	OTHER FISH	BERING SEA 521	10	416.11
BERING SEA	OTHER FISH	BERING SEA 521	11	10.91
BERING SEA	OTHER FISH	BERING SEA 522	9	27.45
BERING SEA	OTHER FISH	BERING SEA 522	10	12.73
BERING SEA	OTHER FISH	BERING SEA 522	11	0.02
BERING SEA	OTHER FISH	ALEUTIANS 540	11	0.40
BERING SEA	OTHER FISH	ALEUTIANS 540	12	0.18

Table 4.--Annual joint venture catches in the Bering Sea by species and area, 1989.

REGION	SPECIES	AREA	BLEND EST.
BERING SEA	POLLOCK	BERING SEA 511	20207.71
BERING SEA	POLLOCK	BERING SEA 513	22531.17
BERING SEA	POLLOCK	BERING SEA 514	1669.95
BERING SEA	POLLOCK	BERING SEA 515	1183.50
BERING SEA	POLLOCK	BERING SEA 516	6598.68
BERING SEA	POLLOCK	BERING SEA 517	124354.18
BERING SEA	POLLOCK	BERING SEA 521	96741.08
BERING SEA	POLLOCK	BERING SEA 522	4244.90
BERING SEA	POLLOCK	ALEUTIANS 540	10820.73
BERING SEA	PACIFIC COD	BERING SEA 511	6422.73
BERING SEA	PACIFIC COD	BERING SEA 513	5625.17
BERING SEA	PACIFIC COD	BERING SEA 514	1237.89
BERING SEA	PACIFIC COD	BERING SEA 515	152.18
BERING SEA	PACIFIC COD	BERING SEA 516	1566.83
BERING SEA	PACIFIC COD	BERING SEA 517	24937.98
BERING SEA	PACIFIC COD	BERING SEA 521	4388.77
BERING SEA	PACIFIC COD	BERING SEA 522	279.43
BERING SEA	PACIFIC COD	ALEUTIANS 540	6.04
BERING SEA	SABLEFISH	BERING SEA 511	0.32
BERING SEA	SABLEFISH	BERING SEA 515	2.77
BERING SEA	SABLEFISH	BERING SEA 516	<0.01
BERING SEA	SABLEFISH	BERING SEA 517	0.26
BERING SEA	SABLEFISH	ALEUTIANS 540	0.02
BERING SEA	ATKA MACKEREL	BERING SEA 513	0.17
BERING SEA	ATKA MACKEREL	BERING SEA 515	48.60
BERING SEA	ATKA MACKEREL	BERING SEA 517	2.28
BERING SEA	ATKA MACKEREL	ALEUTIANS 540	0.33
BERING SEA	POP	BERING SEA 513	1.80
BERING SEA	POP	BERING SEA 515	2.10
BERING SEA	POP	BERING SEA 517	24.93
BERING SEA	POP	BERING SEA 521	11.92
BERING SEA	POP	ALEUTIANS 540	0.07
BERING SEA	OTHER ROCKFISH	BERING SEA 511	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 513	<0.01
BERING SEA	OTHER ROCKFISH	BERING SEA 517	0.52
BERING SEA	OTHER ROCKFISH	BERING SEA 521	8.23
BERING SEA	OTHER ROCKFISH	BERING SEA 522	1.19
BERING SEA	OTHER ROCKFISH	ALEUTIANS 540	0.02
BERING SEA	ARROWTOOTH	BERING SEA 511	45.76
BERING SEA	ARROWTOOTH	BERING SEA 513	825.32
BERING SEA	ARROWTOOTH	BERING SEA 514	174.07
BERING SEA	ARROWTOOTH	BERING SEA 515	5.91
BERING SEA	ARROWTOOTH	BERING SEA 516	3.51
BERING SEA	ARROWTOOTH	BERING SEA 517	349.35

Table 4.--Annual joint venture catches in the Bering Sea by species and area, 1989 (Continued).

REGION	SPECIES	AREA	BLEND EST.
BERING SEA	ARROWTOOTH	BERING SEA 521	885.74
BERING SEA	ARROWTOOTH	BERING SEA 522	4.43
BERING SEA	YELLOWFIN SOLE	BERING SEA 511	44123.03
BERING SEA	YELLOWFIN SOLE	BERING SEA 513	21909.24
BERING SEA	YELLOWFIN SOLE	BERING SEA 514	10815.68
BERING SEA	YELLOWFIN SOLE	BERING SEA 516	73306.54
BERING SEA	YELLOWFIN SOLE	BERING SEA 517	1230.50
BERING SEA	YELLOWFIN SOLE	BERING SEA 521	12.04
BERING SEA	YELLOWFIN SOLE	BERING SEA 522	104.01
BERING SEA	ROCK SOLE	BERING SEA 511	7089.43
BERING SEA	ROCK SOLE	BERING SEA 513	5109.21
BERING SEA	ROCK SOLE	BERING SEA 514	2179.48
BERING SEA	ROCK SOLE	BERING SEA 515	0.42
BERING SEA	ROCK SOLE	BERING SEA 516	4456.38
BERING SEA	ROCK SOLE	BERING SEA 517	1957.09
BERING SEA	ROCK SOLE	BERING SEA 521	188.56
BERING SEA	ROCK SOLE	BERING SEA 522	17.60
BERING SEA	GREENLAND TURBOT	BERING SEA 511	0.43
BERING SEA	GREENLAND TURBOT	BERING SEA 513	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 514	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 516	<0.01
BERING SEA	GREENLAND TURBOT	BERING SEA 517	14.53
BERING SEA	GREENLAND TURBOT	BERING SEA 521	35.21
BERING SEA	GREENLAND TURBOT	BERING SEA 522	0.07
BERING SEA	OTHER FLOUNDERS	BERING SEA 511	3349.54
BERING SEA	OTHER FLOUNDERS	BERING SEA 513	5574.43
BERING SEA	OTHER FLOUNDERS	BERING SEA 514	3408.47
BERING SEA	OTHER FLOUNDERS	BERING SEA 515	8.30
BERING SEA	OTHER FLOUNDERS	BERING SEA 516	1792.37
BERING SEA	OTHER FLOUNDERS	BERING SEA 517	3824.61
BERING SEA	OTHER FLOUNDERS	BERING SEA 521	782.43
BERING SEA	OTHER FLOUNDERS	BERING SEA 522	67.54
BERING SEA	SQUID	BERING SEA 511	4.56
BERING SEA	SQUID	BERING SEA 513	8.52
BERING SEA	SQUID	BERING SEA 515	0.57
BERING SEA	SQUID	BERING SEA 517	96.06
BERING SEA	SQUID	ALEUTIANS 540	0.77
BERING SEA	HERRING	BERING SEA 511	11.43
BERING SEA	HERRING	BERING SEA 513	15.72
BERING SEA	HERRING	BERING SEA 514	<0.01
BERING SEA	HERRING	BERING SEA 515	20.44
BERING SEA	HERRING	BERING SEA 517	119.66
BERING SEA	HERRING	BERING SEA 521	2020.91
BERING SEA	HERRING	BERING SEA 522	339.20

Table 4.--Annual joint venture catches in the Bering Sea by species and area, 1989 (Continued).

REGION	SPECIES	AREA	BLEND EST.
BERING SEA	OTHER FISH	BERING SEA 511	503.56
BERING SEA	OTHER FISH	BERING SEA 513	1541.89
BERING SEA	OTHER FISH	BERING SEA 514	629.35
BERING SEA	OTHER FISH	BERING SEA 515	5.73
BERING SEA	OTHER FISH	BERING SEA 516	727.01
BERING SEA	OTHER FISH	BERING SEA 517	566.70
BERING SEA	OTHER FISH	BERING SEA 521	737.11
BERING SEA	OTHER FISH	BERING SEA 522	40.20
BERING SEA	OTHER FISH	ALEUTIANS 540	0.58

Table 5.--Monthly joint venture catches in the Bering Sea by species and vessel class, 1989.

REGION	SPECIES	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	POLLOCK	OTHER SJV	1	1399.89
BERING SEA	POLLOCK	OTHER SJV	2	103.90
BERING SEA	POLLOCK	OTHER SJV	9	27034.30
BERING SEA	POLLOCK	OTHER SJV	10	6247.35
BERING SEA	POLLOCK	OTHER SJV	12	151.00
BERING SEA	POLLOCK	OTHER FJV	1	3102.86
BERING SEA	POLLOCK	OTHER FJV	2	1552.26
BERING SEA	POLLOCK	OTHER FJV	9	11312.26
BERING SEA	POLLOCK	OTHER FJV	10	5858.90
BERING SEA	POLLOCK	OTHER FJV	12	933.57
BERING SEA	POLLOCK	YELL/FLT SJV	1	108.49
BERING SEA	POLLOCK	YELL/FLT SJV	2	1807.62
BERING SEA	POLLOCK	YELL/FLT SJV	3	484.88
BERING SEA	POLLOCK	YELL/FLT SJV	11	56.75
BERING SEA	POLLOCK	YELL/FLT FJV	1	653.92
BERING SEA	POLLOCK	YELL/FLT FJV	2	7547.23
BERING SEA	POLLOCK	YELL/FLT FJV	3	5813.54
BERING SEA	POLLOCK	YELL/FLT FJV	9	2465.78
BERING SEA	POLLOCK	YELL/FLT FJV	10	989.51
BERING SEA	POLLOCK	YELL/FLT FJV	11	1008.43
BERING SEA	POLLOCK	YELL/FLT FJV	12	325.06
BERING SEA	POLLOCK	POLL-BOT FJV	3	41.50
BERING SEA	POLLOCK	POLL-BOT FJV	9	1879.99
BERING SEA	POLLOCK	POLL-BOT FJV	10	1067.19
BERING SEA	POLLOCK	POLL-BOT FJV	12	162.18
BERING SEA	POLLOCK	POLL-MID FJV	1	18257.44
BERING SEA	POLLOCK	POLL-MID FJV	3	22.65
BERING SEA	POLLOCK	POLL-MID FJV	9	8317.78
BERING SEA	POLLOCK	POLL-MID FJV	10	8125.98
BERING SEA	POLLOCK	POLL-MID FJV	11	6138.22
BERING SEA	POLLOCK	POLL-MID FJV	12	3139.35
BERING SEA	POLLOCK	POLL-BOT SJV	9	13536.53
BERING SEA	POLLOCK	POLL-BOT SJV	10	21085.82
BERING SEA	POLLOCK	POLL-BOT SJV	11	1488.78
BERING SEA	POLLOCK	POLL-MID SJV	1	26565.64
BERING SEA	POLLOCK	POLL-MID SJV	9	23137.38
BERING SEA	POLLOCK	POLL-MID SJV	10	34980.69
BERING SEA	POLLOCK	POLL-MID SJV	11	35807.06
BERING SEA	POLLOCK	POLL-MID SJV	12	5057.20
BERING SEA	PACIFIC COD	OTHER SJV	1	336.23
BERING SEA	PACIFIC COD	OTHER SJV	2	861.23
BERING SEA	PACIFIC COD	OTHER SJV	9	2832.57
BERING SEA	PACIFIC COD	OTHER SJV	10	887.56
BERING SEA	PACIFIC COD	OTHER FJV	1	13869.54

Table 5.--Monthly joint venture catches in the Bering Sea by species and vessel class, 1989 (Continued).

REGION	SPECIES	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	PACIFIC COD	OTHER FJV	2	13120.33
BERING SEA	PACIFIC COD	OTHER FJV	9	1198.99
BERING SEA	PACIFIC COD	OTHER FJV	10	540.25
BERING SEA	PACIFIC COD	OTHER FJV	12	86.18
BERING SEA	PACIFIC COD	YELL/FLT SJV	1	107.33
BERING SEA	PACIFIC COD	YELL/FLT SJV	2	519.30
BERING SEA	PACIFIC COD	YELL/FLT SJV	3	89.97
BERING SEA	PACIFIC COD	YELL/FLT SJV	11	60.98
BERING SEA	PACIFIC COD	YELL/FLT FJV	1	614.28
BERING SEA	PACIFIC COD	YELL/FLT FJV	2	2844.19
BERING SEA	PACIFIC COD	YELL/FLT FJV	3	993.56
BERING SEA	PACIFIC COD	YELL/FLT FJV	9	1713.48
BERING SEA	PACIFIC COD	YELL/FLT FJV	10	846.98
BERING SEA	PACIFIC COD	YELL/FLT FJV	11	686.38
BERING SEA	PACIFIC COD	YELL/FLT FJV	12	268.61
BERING SEA	PACIFIC COD	POLL-BOT FJV	9	78.43
BERING SEA	PACIFIC COD	POLL-BOT FJV	10	27.28
BERING SEA	PACIFIC COD	POLL-BOT FJV	12	1.71
BERING SEA	PACIFIC COD	POLL-MID FJV	1	309.87
BERING SEA	PACIFIC COD	POLL-MID FJV	3	0.48
BERING SEA	PACIFIC COD	POLL-MID FJV	9	57.37
BERING SEA	PACIFIC COD	POLL-MID FJV	10	19.92
BERING SEA	PACIFIC COD	POLL-MID FJV	11	31.64
BERING SEA	PACIFIC COD	POLL-MID FJV	12	10.17
BERING SEA	PACIFIC COD	POLL-BOT SJV	9	142.22
BERING SEA	PACIFIC COD	POLL-BOT SJV	10	674.43
BERING SEA	PACIFIC COD	POLL-BOT SJV	11	4.81
BERING SEA	PACIFIC COD	POLL-MID SJV	1	341.24
BERING SEA	PACIFIC COD	POLL-MID SJV	9	207.66
BERING SEA	PACIFIC COD	POLL-MID SJV	10	110.52
BERING SEA	PACIFIC COD	POLL-MID SJV	11	119.54
BERING SEA	PACIFIC COD	POLL-MID SJV	12	2.32
BERING SEA	SABLEFISH	OTHER FJV	1	0.05
BERING SEA	SABLEFISH	OTHER FJV	2	0.02
BERING SEA	SABLEFISH	OTHER FJV	9	1.58
BERING SEA	SABLEFISH	YELL/FLT SJV	1	0.08
BERING SEA	SABLEFISH	YELL/FLT SJV	2	0.03
BERING SEA	SABLEFISH	YELL/FLT FJV	1	0.14
BERING SEA	SABLEFISH	YELL/FLT FJV	2	0.03
BERING SEA	SABLEFISH	POLL-BOT FJV	9	1.27
BERING SEA	SABLEFISH	POLL-MID FJV	10	0.15
BERING SEA	SABLEFISH	POLL-MID SJV	12	0.02
BERING SEA	ATKA MACKEREL	OTHER FJV	1	0.49
BERING SEA	ATKA MACKEREL	OTHER FJV	2	0.01

Table 5.--Monthly joint venture catches in the Bering Sea by species and vessel class, 1989 (Continued).

REGION	SPECIES	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	ATKA MACKEREL	OTHER FJV	9	7.64
BERING SEA	ATKA MACKEREL	POLL-BOT FJV	9	14.30
BERING SEA	ATKA MACKEREL	POLL-BOT FJV	10	2.30
BERING SEA	ATKA MACKEREL	POLL-BOT FJV	12	18.08
BERING SEA	ATKA MACKEREL	POLL-MID FJV	9	0.01
BERING SEA	ATKA MACKEREL	POLL-MID FJV	12	7.13
BERING SEA	ATKA MACKEREL	POLL-MID SJV	10	1.10
BERING SEA	ATKA MACKEREL	POLL-MID SJV	12	0.33
BERING SEA	POP	OTHER SJV	9	5.75
BERING SEA	POP	OTHER FJV	2	0.29
BERING SEA	POP	OTHER FJV	9	8.99
BERING SEA	POP	OTHER FJV	12	0.26
BERING SEA	POP	POLL-BOT FJV	9	1.37
BERING SEA	POP	POLL-BOT FJV	10	0.20
BERING SEA	POP	POLL-MID FJV	9	0.12
BERING SEA	POP	POLL-MID FJV	10	1.89
BERING SEA	POP	POLL-MID FJV	11	2.09
BERING SEA	POP	POLL-MID FJV	12	0.07
BERING SEA	POP	POLL-BOT SJV	9	2.60
BERING SEA	POP	POLL-BOT SJV	11	1.60
BERING SEA	POP	POLL-MID SJV	9	0.53
BERING SEA	POP	POLL-MID SJV	10	6.36
BERING SEA	POP	POLL-MID SJV	11	8.66
BERING SEA	POP	POLL-MID SJV	12	0.02
BERING SEA	OTHER ROCKFISH	OTHER SJV	9	2.35
BERING SEA	OTHER ROCKFISH	OTHER FJV	1	<0.01
BERING SEA	OTHER ROCKFISH	OTHER FJV	2	<0.01
BERING SEA	OTHER ROCKFISH	OTHER FJV	9	0.10
BERING SEA	OTHER ROCKFISH	YELL/FLT FJV	1	<0.01
BERING SEA	OTHER ROCKFISH	YELL/FLT FJV	2	<0.01
BERING SEA	OTHER ROCKFISH	POLL-MID FJV	1	<0.01
BERING SEA	OTHER ROCKFISH	POLL-MID FJV	9	<0.01
BERING SEA	OTHER ROCKFISH	POLL-MID FJV	10	0.04
BERING SEA	OTHER ROCKFISH	POLL-MID FJV	11	0.14
BERING SEA	OTHER ROCKFISH	POLL-BOT SJV	9	7.00
BERING SEA	OTHER ROCKFISH	POLL-BOT SJV	10	0.07
BERING SEA	OTHER ROCKFISH	POLL-MID SJV	9	0.19
BERING SEA	OTHER ROCKFISH	POLL-MID SJV	10	0.05
BERING SEA	OTHER ROCKFISH	POLL-MID SJV	11	<0.01
BERING SEA	OTHER ROCKFISH	POLL-MID SJV	12	0.02
BERING SEA	ARROWTOOTH	OTHER SJV	1	2.08
BERING SEA	ARROWTOOTH	OTHER SJV	2	2.32
BERING SEA	ARROWTOOTH	OTHER SJV	9	513.02
BERING SEA	ARROWTOOTH	OTHER SJV	10	167.22

Table 5.--Monthly joint venture catches in the Bering Sea by species and vessel class, 1989 (Continued).

REGION	SPECIES	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	ARROWTOOTH	OTHER FJV	1	101.79
BERING SEA	ARROWTOOTH	OTHER FJV	2	60.26
BERING SEA	ARROWTOOTH	OTHER FJV	9	169.72
BERING SEA	ARROWTOOTH	OTHER FJV	10	110.15
BERING SEA	ARROWTOOTH	OTHER FJV	12	2.17
BERING SEA	ARROWTOOTH	YELL/FLT SJV	1	1.43
BERING SEA	ARROWTOOTH	YELL/FLT SJV	2	2.90
BERING SEA	ARROWTOOTH	YELL/FLT SJV	11	8.25
BERING SEA	ARROWTOOTH	YELL/FLT FJV	1	6.32
BERING SEA	ARROWTOOTH	YELL/FLT FJV	2	16.42
BERING SEA	ARROWTOOTH	YELL/FLT FJV	3	2.84
BERING SEA	ARROWTOOTH	YELL/FLT FJV	9	343.08
BERING SEA	ARROWTOOTH	YELL/FLT FJV	10	263.70
BERING SEA	ARROWTOOTH	YELL/FLT FJV	11	151.77
BERING SEA	ARROWTOOTH	YELL/FLT FJV	12	26.16
BERING SEA	ARROWTOOTH	POLL-BOT FJV	9	17.41
BERING SEA	ARROWTOOTH	POLL-BOT FJV	10	20.38
BERING SEA	ARROWTOOTH	POLL-BOT FJV	12	<0.01
BERING SEA	ARROWTOOTH	POLL-MID FJV	1	0.83
BERING SEA	ARROWTOOTH	POLL-MID FJV	9	1.18
BERING SEA	ARROWTOOTH	POLL-MID FJV	10	3.23
BERING SEA	ARROWTOOTH	POLL-MID FJV	11	3.63
BERING SEA	ARROWTOOTH	POLL-MID FJV	12	2.82
BERING SEA	ARROWTOOTH	POLL-BOT SJV	9	50.41
BERING SEA	ARROWTOOTH	POLL-BOT SJV	10	130.04
BERING SEA	ARROWTOOTH	POLL-BOT SJV	11	41.22
BERING SEA	ARROWTOOTH	POLL-MID SJV	1	0.05
BERING SEA	ARROWTOOTH	POLL-MID SJV	9	13.14
BERING SEA	ARROWTOOTH	POLL-MID SJV	10	36.20
BERING SEA	ARROWTOOTH	POLL-MID SJV	11	22.01
BERING SEA	YELLOWFIN SOLE	OTHER SJV	1	55.33
BERING SEA	YELLOWFIN SOLE	OTHER SJV	9	8.46
BERING SEA	YELLOWFIN SOLE	OTHER SJV	10	1.25
BERING SEA	YELLOWFIN SOLE	OTHER FJV	1	8.94
BERING SEA	YELLOWFIN SOLE	OTHER FJV	2	0.17
BERING SEA	YELLOWFIN SOLE	OTHER FJV	9	3.24
BERING SEA	YELLOWFIN SOLE	OTHER FJV	10	1.07
BERING SEA	YELLOWFIN SOLE	YELL/FLT SJV	1	2067.36
BERING SEA	YELLOWFIN SOLE	YELL/FLT SJV	2	21464.53
BERING SEA	YELLOWFIN SOLE	YELL/FLT SJV	3	5837.86
BERING SEA	YELLOWFIN SOLE	YELL/FLT SJV	11	495.23
BERING SEA	YELLOWFIN SOLE	YELL/FLT FJV	1	4321.78
BERING SEA	YELLOWFIN SOLE	YELL/FLT FJV	2	65207.90
BERING SEA	YELLOWFIN SOLE	YELL/FLT FJV	3	20968.45

Table 5.--Monthly joint venture catches in the Bering Sea by species and vessel class, 1989 (Continued).

REGION	SPECIES	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	YELLOWFIN SOLE	YELL/FLT FJV	9	12265.04
BERING SEA	YELLOWFIN SOLE	YELL/FLT FJV	10	9472.11
BERING SEA	YELLOWFIN SOLE	YELL/FLT FJV	11	6392.37
BERING SEA	YELLOWFIN SOLE	YELL/FLT FJV	12	2933.52
BERING SEA	YELLOWFIN SOLE	POLL-BOT FJV	3	0.30
BERING SEA	YELLOWFIN SOLE	POLL-BOT FJV	9	0.84
BERING SEA	YELLOWFIN SOLE	POLL-MID FJV	3	0.04
BERING SEA	YELLOWFIN SOLE	POLL-MID FJV	9	0.06
BERING SEA	YELLOWFIN SOLE	POLL-MID FJV	10	<0.01
BERING SEA	YELLOWFIN SOLE	POLL-BOT SJV	9	0.20
BERING SEA	YELLOWFIN SOLE	POLL-MID SJV	1	0.07
BERING SEA	YELLOWFIN SOLE	POLL-MID SJV	11	<0.01
BERING SEA	ROCK SOLE	OTHER SJV	1	2.70
BERING SEA	ROCK SOLE	OTHER SJV	2	60.78
BERING SEA	ROCK SOLE	OTHER SJV	9	41.41
BERING SEA	ROCK SOLE	OTHER SJV	10	22.49
BERING SEA	ROCK SOLE	OTHER FJV	1	412.74
BERING SEA	ROCK SOLE	OTHER FJV	2	1179.84
BERING SEA	ROCK SOLE	OTHER FJV	9	9.10
BERING SEA	ROCK SOLE	OTHER FJV	10	26.45
BERING SEA	ROCK SOLE	OTHER FJV	12	0.01
BERING SEA	ROCK SOLE	YELL/FLT SJV	1	254.70
BERING SEA	ROCK SOLE	YELL/FLT SJV	2	1244.42
BERING SEA	ROCK SOLE	YELL/FLT SJV	3	663.54
BERING SEA	ROCK SOLE	YELL/FLT SJV	11	24.61
BERING SEA	ROCK SOLE	YELL/FLT FJV	1	665.23
BERING SEA	ROCK SOLE	YELL/FLT FJV	2	7089.02
BERING SEA	ROCK SOLE	YELL/FLT FJV	3	2213.93
BERING SEA	ROCK SOLE	YELL/FLT FJV	9	2758.12
BERING SEA	ROCK SOLE	YELL/FLT FJV	10	2104.49
BERING SEA	ROCK SOLE	YELL/FLT FJV	11	1508.63
BERING SEA	ROCK SOLE	YELL/FLT FJV	12	669.67
BERING SEA	ROCK SOLE	POLL-BOT FJV	9	<0.01
BERING SEA	ROCK SOLE	POLL-BOT FJV	10	6.12
BERING SEA	ROCK SOLE	POLL-MID FJV	1	4.11
BERING SEA	ROCK SOLE	POLL-MID FJV	3	0.06
BERING SEA	ROCK SOLE	POLL-MID FJV	10	<0.01
BERING SEA	ROCK SOLE	POLL-MID FJV	11	0.01
BERING SEA	ROCK SOLE	POLL-BOT SJV	9	1.00
BERING SEA	ROCK SOLE	POLL-BOT SJV	10	41.62
BERING SEA	ROCK SOLE	POLL-MID SJV	1	0.04
BERING SEA	ROCK SOLE	POLL-MID SJV	9	0.03
BERING SEA	ROCK SOLE	POLL-MID SJV	10	5.31
BERING SEA	ROCK SOLE	POLL-MID SJV	11	<0.01

Table 5.--Monthly joint venture catches in the Bering Sea by species and vessel class, 1989 (Continued).

REGION	SPECIES	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	GREENLAND TURBOT	OTHER SJV	9	8.91
BERING SEA	GREENLAND TURBOT	OTHER SJV	10	9.07
BERING SEA	GREENLAND TURBOT	OTHER FJV	1	<0.01
BERING SEA	GREENLAND TURBOT	OTHER FJV	2	0.07
BERING SEA	GREENLAND TURBOT	OTHER FJV	9	4.04
BERING SEA	GREENLAND TURBOT	OTHER FJV	10	4.62
BERING SEA	GREENLAND TURBOT	YELL/FLT FJV	1	0.12
BERING SEA	GREENLAND TURBOT	YELL/FLT FJV	2	0.17
BERING SEA	GREENLAND TURBOT	YELL/FLT FJV	3	<0.01
BERING SEA	GREENLAND TURBOT	YELL/FLT FJV	9	<0.01
BERING SEA	GREENLAND TURBOT	YELL/FLT FJV	10	<0.01
BERING SEA	GREENLAND TURBOT	YELL/FLT FJV	11	<0.01
BERING SEA	GREENLAND TURBOT	POLL-BOT FJV	9	<0.01
BERING SEA	GREENLAND TURBOT	POLL-BOT FJV	10	0.03
BERING SEA	GREENLAND TURBOT	POLL-MID FJV	9	<0.01
BERING SEA	GREENLAND TURBOT	POLL-MID FJV	10	1.42
BERING SEA	GREENLAND TURBOT	POLL-MID FJV	11	0.39
BERING SEA	GREENLAND TURBOT	POLL-BOT SJV	9	0.38
BERING SEA	GREENLAND TURBOT	POLL-BOT SJV	10	8.18
BERING SEA	GREENLAND TURBOT	POLL-MID SJV	9	0.86
BERING SEA	GREENLAND TURBOT	POLL-MID SJV	10	3.60
BERING SEA	GREENLAND TURBOT	POLL-MID SJV	11	8.39
BERING SEA	OTHER FLOUNDERS	OTHER SJV	1	15.85
BERING SEA	OTHER FLOUNDERS	OTHER SJV	2	15.83
BERING SEA	OTHER FLOUNDERS	OTHER SJV	9	466.24
BERING SEA	OTHER FLOUNDERS	OTHER SJV	10	109.88
BERING SEA	OTHER FLOUNDERS	OTHER FJV	1	201.55
BERING SEA	OTHER FLOUNDERS	OTHER FJV	2	172.35
BERING SEA	OTHER FLOUNDERS	OTHER FJV	9	221.46
BERING SEA	OTHER FLOUNDERS	OTHER FJV	10	120.80
BERING SEA	OTHER FLOUNDERS	OTHER FJV	12	9.26
BERING SEA	OTHER FLOUNDERS	YELL/FLT SJV	1	179.19
BERING SEA	OTHER FLOUNDERS	YELL/FLT SJV	2	713.56
BERING SEA	OTHER FLOUNDERS	YELL/FLT SJV	3	366.36
BERING SEA	OTHER FLOUNDERS	YELL/FLT SJV	11	36.53
BERING SEA	OTHER FLOUNDERS	YELL/FLT FJV	1	335.91
BERING SEA	OTHER FLOUNDERS	YELL/FLT FJV	2	2134.02
BERING SEA	OTHER FLOUNDERS	YELL/FLT FJV	3	6444.46
BERING SEA	OTHER FLOUNDERS	YELL/FLT FJV	9	3806.44
BERING SEA	OTHER FLOUNDERS	YELL/FLT FJV	10	1848.11
BERING SEA	OTHER FLOUNDERS	YELL/FLT FJV	11	737.88
BERING SEA	OTHER FLOUNDERS	YELL/FLT FJV	12	450.03
BERING SEA	OTHER FLOUNDERS	POLL-BOT FJV	3	1.92
BERING SEA	OTHER FLOUNDERS	POLL-BOT FJV	9	16.89

Table 5.--Monthly joint venture catches in the Bering Sea by species and vessel class, 1989 (Continued).

REGION	SPECIES	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	OTHER FLOUNDERS	POLL-BOT FJV	10	14.71
BERING SEA	OTHER FLOUNDERS	POLL-BOT FJV	12	1.48
BERING SEA	OTHER FLOUNDERS	POLL-MID FJV	1	2.92
BERING SEA	OTHER FLOUNDERS	POLL-MID FJV	9	4.38
BERING SEA	OTHER FLOUNDERS	POLL-MID FJV	10	16.61
BERING SEA	OTHER FLOUNDERS	POLL-MID FJV	11	12.51
BERING SEA	OTHER FLOUNDERS	POLL-MID FJV	12	7.94
BERING SEA	OTHER FLOUNDERS	POLL-BOT SJV	9	44.44
BERING SEA	OTHER FLOUNDERS	POLL-BOT SJV	10	86.73
BERING SEA	OTHER FLOUNDERS	POLL-BOT SJV	11	4.61
BERING SEA	OTHER FLOUNDERS	POLL-MID SJV	1	0.13
BERING SEA	OTHER FLOUNDERS	POLL-MID SJV	9	76.28
BERING SEA	OTHER FLOUNDERS	POLL-MID SJV	10	72.73
BERING SEA	OTHER FLOUNDERS	POLL-MID SJV	11	58.54
BERING SEA	SQUID	OTHER SJV	1	4.56
BERING SEA	SQUID	OTHER SJV	9	<0.01
BERING SEA	SQUID	OTHER FJV	1	0.33
BERING SEA	SQUID	OTHER FJV	2	0.10
BERING SEA	SQUID	OTHER FJV	9	<0.01
BERING SEA	SQUID	YELL/FLT SJV	11	<0.01
BERING SEA	SQUID	YELL/FLT FJV	11	<0.01
BERING SEA	SQUID	POLL-MID FJV	1	0.05
BERING SEA	SQUID	POLL-MID FJV	9	0.04
BERING SEA	SQUID	POLL-MID FJV	10	6.87
BERING SEA	SQUID	POLL-MID FJV	11	1.66
BERING SEA	SQUID	POLL-MID FJV	12	1.24
BERING SEA	SQUID	POLL-BOT SJV	9	0.44
BERING SEA	SQUID	POLL-BOT SJV	11	2.81
BERING SEA	SQUID	POLL-MID SJV	9	6.19
BERING SEA	SQUID	POLL-MID SJV	10	37.70
BERING SEA	SQUID	POLL-MID SJV	11	47.76
BERING SEA	SQUID	POLL-MID SJV	12	0.73
BERING SEA	HERRING	OTHER SJV	9	146.52
BERING SEA	HERRING	OTHER SJV	10	133.94
BERING SEA	HERRING	OTHER FJV	2	<0.01
BERING SEA	HERRING	OTHER FJV	9	6.82
BERING SEA	HERRING	OTHER FJV	10	24.00
BERING SEA	HERRING	YELL/FLT SJV	2	0.08
BERING SEA	HERRING	YELL/FLT FJV	9	0.03
BERING SEA	HERRING	POLL-BOT FJV	9	26.62
BERING SEA	HERRING	POLL-BOT FJV	10	90.15
BERING SEA	HERRING	POLL-MID FJV	1	<0.01
BERING SEA	HERRING	POLL-MID FJV	9	3.30
BERING SEA	HERRING	POLL-MID FJV	10	20.31

Table 5.--Monthly joint venture catches in the Bering Sea by species and vessel class, 1989 (Continued).

REGION	SPECIES	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	HERRING	POLL-BOT SJV	9	865.49
BERING SEA	HERRING	POLL-BOT SJV	10	531.57
BERING SEA	HERRING	POLL-BOT SJV	11	124.70
BERING SEA	HERRING	POLL-MID SJV	9	208.30
BERING SEA	HERRING	POLL-MID SJV	10	293.95
BERING SEA	HERRING	POLL-MID SJV	11	51.59
BERING SEA	OTHER FISH	OTHER SJV	1	4.23
BERING SEA	OTHER FISH	OTHER SJV	2	4.05
BERING SEA	OTHER FISH	OTHER SJV	9	390.31
BERING SEA	OTHER FISH	OTHER SJV	10	118.46
BERING SEA	OTHER FISH	OTHER FJV	1	165.73
BERING SEA	OTHER FISH	OTHER FJV	2	92.09
BERING SEA	OTHER FISH	OTHER FJV	9	221.63
BERING SEA	OTHER FISH	OTHER FJV	10	125.71
BERING SEA	OTHER FISH	OTHER FJV	12	2.21
BERING SEA	OTHER FISH	YELL/FLT SJV	1	8.63
BERING SEA	OTHER FISH	YELL/FLT SJV	2	270.91
BERING SEA	OTHER FISH	YELL/FLT SJV	3	30.44
BERING SEA	OTHER FISH	YELL/FLT SJV	11	33.15
BERING SEA	OTHER FISH	YELL/FLT FJV	1	47.88
BERING SEA	OTHER FISH	YELL/FLT FJV	2	665.90
BERING SEA	OTHER FISH	YELL/FLT FJV	3	327.62
BERING SEA	OTHER FISH	YELL/FLT FJV	9	714.42
BERING SEA	OTHER FISH	YELL/FLT FJV	10	502.02
BERING SEA	OTHER FISH	YELL/FLT FJV	11	429.73
BERING SEA	OTHER FISH	YELL/FLT FJV	12	230.00
BERING SEA	OTHER FISH	POLL-BOT FJV	9	15.17
BERING SEA	OTHER FISH	POLL-BOT FJV	10	19.47
BERING SEA	OTHER FISH	POLL-MID FJV	1	2.20
BERING SEA	OTHER FISH	POLL-MID FJV	3	0.02
BERING SEA	OTHER FISH	POLL-MID FJV	9	11.47
BERING SEA	OTHER FISH	POLL-MID FJV	10	12.24
BERING SEA	OTHER FISH	POLL-MID FJV	11	4.78
BERING SEA	OTHER FISH	POLL-MID FJV	12	1.80
BERING SEA	OTHER FISH	POLL-BOT SJV	9	56.12
BERING SEA	OTHER FISH	POLL-BOT SJV	10	163.73
BERING SEA	OTHER FISH	POLL-BOT SJV	11	2.55
BERING SEA	OTHER FISH	POLL-MID SJV	1	0.46
BERING SEA	OTHER FISH	POLL-MID SJV	9	29.43
BERING SEA	OTHER FISH	POLL-MID SJV	10	24.04
BERING SEA	OTHER FISH	POLL-MID SJV	11	24.19
BERING SEA	OTHER FISH	POLL-MID SJV	12	0.18

Table 6.--Annual joint venture catches in the Bering Sea by species and vessel class, 1989.

REGION	SPECIES	VESSEL CLASS	BLEND EST.
BERING SEA	POLLOCK	OTHER SJV	34936.44
BERING SEA	POLLOCK	OTHER FJV	22759.85
BERING SEA	POLLOCK	YELL/FLT SJV	2457.73
BERING SEA	POLLOCK	YELL/FLT FJV	18803.46
BERING SEA	POLLOCK	POLL-BOT FJV	3150.86
BERING SEA	POLLOCK	POLL-MID FJV	44001.42
BERING SEA	POLLOCK	POLL-BOT SJV	36111.13
BERING SEA	POLLOCK	POLL-MID SJV	125547.97
BERING SEA	PACIFIC COD	OTHER SJV	4917.59
BERING SEA	PACIFIC COD	OTHER FJV	28815.29
BERING SEA	PACIFIC COD	YELL/FLT SJV	777.58
BERING SEA	PACIFIC COD	YELL/FLT FJV	7967.47
BERING SEA	PACIFIC COD	POLL-BOT FJV	107.41
BERING SEA	PACIFIC COD	POLL-MID FJV	429.46
BERING SEA	PACIFIC COD	POLL-BOT SJV	821.45
BERING SEA	PACIFIC COD	POLL-MID SJV	781.28
BERING SEA	SABLEFISH	OTHER FJV	1.65
BERING SEA	SABLEFISH	YELL/FLT SJV	0.11
BERING SEA	SABLEFISH	YELL/FLT FJV	0.17
BERING SEA	SABLEFISH	POLL-BOT FJV	1.27
BERING SEA	SABLEFISH	POLL-MID FJV	0.15
BERING SEA	SABLEFISH	POLL-MID SJV	0.02
BERING SEA	ATKA MACKEREL	OTHER FJV	8.14
BERING SEA	ATKA MACKEREL	POLL-BOT FJV	34.68
BERING SEA	ATKA MACKEREL	POLL-MID FJV	7.14
BERING SEA	ATKA MACKEREL	POLL-MID SJV	1.43
BERING SEA	POP	OTHER SJV	5.75
BERING SEA	POP	OTHER FJV	9.54
BERING SEA	POP	POLL-BOT FJV	1.57
BERING SEA	POP	POLL-MID FJV	4.17
BERING SEA	POP	POLL-BOT SJV	4.20
BERING SEA	POP	POLL-MID SJV	15.57
BERING SEA	OTHER ROCKFISH	OTHER SJV	2.35
BERING SEA	OTHER ROCKFISH	OTHER FJV	0.10
BERING SEA	OTHER ROCKFISH	YELL/FLT FJV	<0.01
BERING SEA	OTHER ROCKFISH	POLL-MID FJV	0.18
BERING SEA	OTHER ROCKFISH	POLL-BOT SJV	7.07
BERING SEA	OTHER ROCKFISH	POLL-MID SJV	0.26
BERING SEA	ARROWTOOTH	OTHER SJV	684.64
BERING SEA	ARROWTOOTH	OTHER FJV	444.08
BERING SEA	ARROWTOOTH	YELL/FLT SJV	12.58
BERING SEA	ARROWTOOTH	YELL/FLT FJV	810.28
BERING SEA	ARROWTOOTH	POLL-BOT FJV	37.80
BERING SEA	ARROWTOOTH	POLL-MID FJV	11.68

Table 6.--Annual joint venture catches in the Bering Sea by species and vessel class, 1989 (Continued).

REGION	SPECIES	VESSEL CLASS	BLEND EST.
BERING SEA	ARROWTOOTH	POLL-BOT SJV	221.68
BERING SEA	ARROWTOOTH	POLL-MID SJV	71.40
BERING SEA	YELLOWFIN SOLE	OTHER SJV	65.04
BERING SEA	YELLOWFIN SOLE	OTHER FJV	13.42
BERING SEA	YELLOWFIN SOLE	YELL/FLT SJV	29864.98
BERING SEA	YELLOWFIN SOLE	YELL/FLT FJV	121561.16
BERING SEA	YELLOWFIN SOLE	POLL-BOT FJV	1.14
BERING SEA	YELLOWFIN SOLE	POLL-MID FJV	0.10
BERING SEA	YELLOWFIN SOLE	POLL-BOT SJV	0.20
BERING SEA	YELLOWFIN SOLE	POLL-MID SJV	0.07
BERING SEA	ROCK SOLE	OTHER SJV	127.38
BERING SEA	ROCK SOLE	OTHER FJV	1628.14
BERING SEA	ROCK SOLE	YELL/FLT SJV	2187.27
BERING SEA	ROCK SOLE	YELL/FLT FJV	17009.08
BERING SEA	ROCK SOLE	POLL-BOT FJV	6.12
BERING SEA	ROCK SOLE	POLL-MID FJV	4.18
BERING SEA	ROCK SOLE	POLL-BOT SJV	42.62
BERING SEA	ROCK SOLE	POLL-MID SJV	5.38
BERING SEA	GREENLAND TURBOT	OTHER SJV	17.97
BERING SEA	GREENLAND TURBOT	OTHER FJV	8.72
BERING SEA	GREENLAND TURBOT	YELL/FLT FJV	0.29
BERING SEA	GREENLAND TURBOT	POLL-BOT FJV	0.03
BERING SEA	GREENLAND TURBOT	POLL-MID FJV	1.82
BERING SEA	GREENLAND TURBOT	POLL-BOT SJV	8.56
BERING SEA	GREENLAND TURBOT	POLL-MID SJV	12.85
BERING SEA	OTHER FLOUNDERS	OTHER SJV	607.81
BERING SEA	OTHER FLOUNDERS	OTHER FJV	725.41
BERING SEA	OTHER FLOUNDERS	YELL/FLT SJV	1295.64
BERING SEA	OTHER FLOUNDERS	YELL/FLT FJV	15756.85
BERING SEA	OTHER FLOUNDERS	POLL-BOT FJV	35.00
BERING SEA	OTHER FLOUNDERS	POLL-MID FJV	44.36
BERING SEA	OTHER FLOUNDERS	POLL-BOT SJV	135.78
BERING SEA	OTHER FLOUNDERS	POLL-MID SJV	207.68
BERING SEA	SQUID	OTHER SJV	4.56
BERING SEA	SQUID	OTHER FJV	0.43
BERING SEA	SQUID	YELL/FLT SJV	<0.01
BERING SEA	SQUID	YELL/FLT FJV	<0.01
BERING SEA	SQUID	POLL-MID FJV	9.85
BERING SEA	SQUID	POLL-BOT SJV	3.24
BERING SEA	SQUID	POLL-MID SJV	92.38
BERING SEA	HERRING	OTHER SJV	280.46
BERING SEA	HERRING	OTHER FJV	30.82
BERING SEA	HERRING	YELL/FLT SJV	0.08
BERING SEA	HERRING	YELL/FLT FJV	0.03

Table 6.--Annual joint venture catches in the Bering Sea by species and vessel class, 1989 (Continued).

REGION	SPECIES	VESSEL CLASS	BLEND EST.
BERING SEA	HERRING	POLL-BOT FJV	116.77
BERING SEA	HERRING	POLL-MID FJV	23.61
BERING SEA	HERRING	POLL-BOT SJV	1521.75
BERING SEA	HERRING	POLL-MID SJV	553.83
BERING SEA	OTHER FISH	OTHER SJV	517.05
BERING SEA	OTHER FISH	OTHER FJV	607.37
BERING SEA	OTHER FISH	YELL/FLT SJV	343.12
BERING SEA	OTHER FISH	YELL/FLT FJV	2917.57
BERING SEA	OTHER FISH	POLL-BOT FJV	34.64
BERING SEA	OTHER FISH	POLL-MID FJV	32.52
BERING SEA	OTHER FISH	POLL-BOT SJV	222.40
BERING SEA	OTHER FISH	POLL-MID SJV	78.29

Table 7.--Monthly joint venture catches in the Bering Sea by species, 1989.

REGION	SPECIES	MONTH	BLEND EST.
BERING SEA	POLLOCK	1	50084.98
BERING SEA	POLLOCK	2	11011.01
BERING SEA	POLLOCK	3	6362.56
BERING SEA	POLLOCK	9	87684.03
BERING SEA	POLLOCK	10	78355.43
BERING SEA	POLLOCK	11	44455.09
BERING SEA	POLLOCK	12	10398.82
BERING SEA	PACIFIC COD	1	15578.49
BERING SEA	PACIFIC COD	2	17345.05
BERING SEA	PACIFIC COD	3	1084.01
BERING SEA	PACIFIC COD	9	6230.71
BERING SEA	PACIFIC COD	10	3106.94
BERING SEA	PACIFIC COD	11	902.52
BERING SEA	PACIFIC COD	12	369.29
BERING SEA	SABLEFISH	1	0.27
BERING SEA	SABLEFISH	2	0.08
BERING SEA	SABLEFISH	9	2.85
BERING SEA	SABLEFISH	10	0.15
BERING SEA	SABLEFISH	12	0.02
BERING SEA	ATKA MACKEREL	1	0.49
BERING SEA	ATKA MACKEREL	2	0.01
BERING SEA	ATKA MACKEREL	9	21.95
BERING SEA	ATKA MACKEREL	10	3.40
BERING SEA	ATKA MACKEREL	12	25.53
BERING SEA	POP	2	0.29
BERING SEA	POP	9	19.36
BERING SEA	POP	10	8.45
BERING SEA	POP	11	12.37
BERING SEA	POP	12	0.35
BERING SEA	OTHER ROCKFISH	1	<0.01
BERING SEA	OTHER ROCKFISH	2	<0.01
BERING SEA	OTHER ROCKFISH	9	9.64
BERING SEA	OTHER ROCKFISH	10	0.16
BERING SEA	OTHER ROCKFISH	11	0.14
BERING SEA	OTHER ROCKFISH	12	0.02
BERING SEA	ARROWTOOTH	1	112.27
BERING SEA	ARROWTOOTH	2	81.89
BERING SEA	ARROWTOOTH	3	2.84
BERING SEA	ARROWTOOTH	9	1107.96
BERING SEA	ARROWTOOTH	10	730.92
BERING SEA	ARROWTOOTH	11	227.06
BERING SEA	ARROWTOOTH	12	31.16
BERING SEA	YELLOWFIN SOLE	1	6453.48
BERING SEA	YELLOWFIN SOLE	2	86672.60

Table 7.--Monthly joint venture catches in the Bering Sea by species, 1989 (Continued).

REGION	SPECIES	MONTH	BLEND EST.
BERING SEA	YELLOWFIN SOLE	3	26806.65
BERING SEA	YELLOWFIN SOLE	9	12277.84
BERING SEA	YELLOWFIN SOLE	10	9474.44
BERING SEA	YELLOWFIN SOLE	11	6882.53
BERING SEA	YELLOWFIN SOLE	12	2933.52
BERING SEA	ROCK SOLE	1	1327.52
BERING SEA	ROCK SOLE	2	9574.07
BERING SEA	ROCK SOLE	3	2877.53
BERING SEA	ROCK SOLE	9	2809.66
BERING SEA	ROCK SOLE	10	2206.47
BERING SEA	ROCK SOLE	11	1533.24
BERING SEA	ROCK SOLE	12	669.68
BERING SEA	GREENLAND TURBOT	1	0.12
BERING SEA	GREENLAND TURBOT	2	0.24
BERING SEA	GREENLAND TURBOT	3	<0.01
BERING SEA	GREENLAND TURBOT	9	14.18
BERING SEA	GREENLAND TURBOT	10	26.92
BERING SEA	GREENLAND TURBOT	11	8.78
BERING SEA	OTHER FLOUNDERS	1	734.96
BERING SEA	OTHER FLOUNDERS	2	3035.76
BERING SEA	OTHER FLOUNDERS	3	6812.74
BERING SEA	OTHER FLOUNDERS	9	4636.13
BERING SEA	OTHER FLOUNDERS	10	2269.57
BERING SEA	OTHER FLOUNDERS	11	849.83
BERING SEA	OTHER FLOUNDERS	12	468.71
BERING SEA	SQUID	1	4.94
BERING SEA	SQUID	2	0.10
BERING SEA	SQUID	9	6.67
BERING SEA	SQUID	10	44.57
BERING SEA	SQUID	11	52.22
BERING SEA	SQUID	12	2.00
BERING SEA	HERRING	1	<0.01
BERING SEA	HERRING	2	0.08
BERING SEA	HERRING	9	1257.08
BERING SEA	HERRING	10	1093.92
BERING SEA	HERRING	11	176.29
BERING SEA	OTHER FISH	1	228.56
BERING SEA	OTHER FISH	2	1032.95
BERING SEA	OTHER FISH	3	358.08
BERING SEA	OTHER FISH	9	1438.56
BERING SEA	OTHER FISH	10	965.66
BERING SEA	OTHER FISH	11	494.14
BERING SEA	OTHER FISH	12	234.18

Table 8.--Annual joint venture catches in the Bering Sea by species, 1989.

REGION	SPECIES	BLEND EST.
BERING SEA	POLLOCK	288351.91
BERING SEA	PACIFIC COD	44617.01
BERING SEA	SABLEFISH	3.37
BERING SEA	ATKA MACKEREL	51.38
BERING SEA	POP	40.81
BERING SEA	OTHER ROCKFISH	9.96
BERING SEA	ARROWTOOTH	2294.10
BERING SEA	YELLOWFIN SOLE	151501.04
BERING SEA	ROCK SOLE	20998.17
BERING SEA	GREENLAND TURBOT	50.24
BERING SEA	OTHER FLOUNDERS	18807.69
BERING SEA	SQUID	110.48
BERING SEA	HERRING	2527.36
BERING SEA	OTHER FISH	4752.13

Table 9.--Monthly joint venture catches in the Bering Sea by area and vessel class, 1989.

REGION	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	BERING SEA 511	OTHER SJV	1	1168.84
BERING SEA	BERING SEA 511	OTHER FJV	1	4585.68
BERING SEA	BERING SEA 511	OTHER FJV	2	1030.13
BERING SEA	BERING SEA 511	OTHER FJV	12	66.73
BERING SEA	BERING SEA 511	YELL/FLT SJV	1	2727.20
BERING SEA	BERING SEA 511	YELL/FLT SJV	2	5479.43
BERING SEA	BERING SEA 511	YELL/FLT SJV	3	5535.01
BERING SEA	BERING SEA 511	YELL/FLT FJV	1	6601.54
BERING SEA	BERING SEA 511	YELL/FLT FJV	2	24057.04
BERING SEA	BERING SEA 511	YELL/FLT FJV	3	18372.20
BERING SEA	BERING SEA 511	POLL-BOT FJV	9	189.14
BERING SEA	BERING SEA 511	POLL-BOT FJV	12	34.96
BERING SEA	BERING SEA 511	POLL-MID FJV	1	2827.32
BERING SEA	BERING SEA 511	POLL-MID FJV	9	618.62
BERING SEA	BERING SEA 511	POLL-MID FJV	10	5.81
BERING SEA	BERING SEA 511	POLL-MID SJV	1	6860.72
BERING SEA	BERING SEA 511	POLL-MID SJV	9	1598.13
BERING SEA	BERING SEA 513	OTHER SJV	9	8550.10
BERING SEA	BERING SEA 513	OTHER SJV	10	120.09
BERING SEA	BERING SEA 513	OTHER FJV	1	1524.14
BERING SEA	BERING SEA 513	OTHER FJV	2	773.63
BERING SEA	BERING SEA 513	OTHER FJV	9	1638.24
BERING SEA	BERING SEA 513	OTHER FJV	10	215.53
BERING SEA	BERING SEA 513	OTHER FJV	12	39.30
BERING SEA	BERING SEA 513	YELL/FLT SJV	11	715.50
BERING SEA	BERING SEA 513	YELL/FLT FJV	1	44.04
BERING SEA	BERING SEA 513	YELL/FLT FJV	3	5990.89
BERING SEA	BERING SEA 513	YELL/FLT FJV	9	12686.47
BERING SEA	BERING SEA 513	YELL/FLT FJV	10	10158.19
BERING SEA	BERING SEA 513	YELL/FLT FJV	11	10845.45
BERING SEA	BERING SEA 513	YELL/FLT FJV	12	1718.63
BERING SEA	BERING SEA 513	POLL-BOT FJV	9	343.14
BERING SEA	BERING SEA 513	POLL-MID FJV	1	1061.37
BERING SEA	BERING SEA 513	POLL-MID FJV	9	190.71
BERING SEA	BERING SEA 513	POLL-MID SJV	1	1687.31
BERING SEA	BERING SEA 513	POLL-MID SJV	10	2712.16
BERING SEA	BERING SEA 513	POLL-MID SJV	11	2136.57
BERING SEA	BERING SEA 514	YELL/FLT FJV	9	11066.10
BERING SEA	BERING SEA 514	YELL/FLT FJV	10	5841.33
BERING SEA	BERING SEA 514	YELL/FLT FJV	11	23.05
BERING SEA	BERING SEA 514	YELL/FLT FJV	12	3184.41
BERING SEA	BERING SEA 515	OTHER FJV	1	15.75
BERING SEA	BERING SEA 515	OTHER FJV	2	111.41
BERING SEA	BERING SEA 515	OTHER FJV	9	57.11

Table 9.--Monthly joint venture catches in the Bering Sea by area and vessel class, 1989 (Continued).

REGION	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	BERING SEA 515	OTHER FJV	12	37.17
BERING SEA	BERING SEA 515	POLL-BOT FJV	9	126.96
BERING SEA	BERING SEA 515	POLL-BOT FJV	10	37.01
BERING SEA	BERING SEA 515	POLL-BOT FJV	12	148.49
BERING SEA	BERING SEA 515	POLL-MID FJV	1	21.18
BERING SEA	BERING SEA 515	POLL-MID FJV	12	386.21
BERING SEA	BERING SEA 515	POLL-MID SJV	9	453.00
BERING SEA	BERING SEA 515	POLL-MID SJV	10	36.24
BERING SEA	BERING SEA 516	YELL/FLT SJV	2	20543.91
BERING SEA	BERING SEA 516	YELL/FLT SJV	3	1938.03
BERING SEA	BERING SEA 516	YELL/FLT FJV	2	60391.71
BERING SEA	BERING SEA 516	YELL/FLT FJV	3	5577.67
BERING SEA	BERING SEA 517	OTHER SJV	1	652.03
BERING SEA	BERING SEA 517	OTHER SJV	2	1048.12
BERING SEA	BERING SEA 517	OTHER SJV	9	5485.39
BERING SEA	BERING SEA 517	OTHER FJV	1	11738.44
BERING SEA	BERING SEA 517	OTHER FJV	2	14262.61
BERING SEA	BERING SEA 517	OTHER FJV	9	2118.33
BERING SEA	BERING SEA 517	OTHER FJV	12	890.45
BERING SEA	BERING SEA 517	YELL/FLT FJV	2	1056.12
BERING SEA	BERING SEA 517	YELL/FLT FJV	3	6804.44
BERING SEA	BERING SEA 517	YELL/FLT FJV	9	78.06
BERING SEA	BERING SEA 517	POLL-BOT FJV	3	43.72
BERING SEA	BERING SEA 517	POLL-BOT FJV	9	969.87
BERING SEA	BERING SEA 517	POLL-MID FJV	1	14667.57
BERING SEA	BERING SEA 517	POLL-MID FJV	3	23.25
BERING SEA	BERING SEA 517	POLL-MID FJV	9	7586.39
BERING SEA	BERING SEA 517	POLL-MID FJV	10	7462.10
BERING SEA	BERING SEA 517	POLL-MID FJV	11	6195.07
BERING SEA	BERING SEA 517	POLL-MID FJV	12	1869.11
BERING SEA	BERING SEA 517	POLL-BOT SJV	9	2978.69
BERING SEA	BERING SEA 517	POLL-BOT SJV	11	807.36
BERING SEA	BERING SEA 517	POLL-MID SJV	1	18359.60
BERING SEA	BERING SEA 517	POLL-MID SJV	9	14240.88
BERING SEA	BERING SEA 517	POLL-MID SJV	10	17069.40
BERING SEA	BERING SEA 517	POLL-MID SJV	11	20751.63
BERING SEA	BERING SEA 521	OTHER SJV	9	16246.23
BERING SEA	BERING SEA 521	OTHER SJV	10	6598.70
BERING SEA	BERING SEA 521	OTHER FJV	9	9351.88
BERING SEA	BERING SEA 521	OTHER FJV	10	6596.42
BERING SEA	BERING SEA 521	YELL/FLT FJV	3	19.20
BERING SEA	BERING SEA 521	YELL/FLT FJV	10	27.39
BERING SEA	BERING SEA 521	YELL/FLT FJV	11	46.68
BERING SEA	BERING SEA 521	POLL-BOT FJV	9	423.18

Table 9.--Monthly joint venture catches in the Bering Sea by area and vessel class, 1989 (Continued).

REGION	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	BERING SEA 521	POLL-BOT FJV	10	871.88
BERING SEA	BERING SEA 521	POLL-MID FJV	10	740.74
BERING SEA	BERING SEA 521	POLL-BOT SJV	9	11678.02
BERING SEA	BERING SEA 521	POLL-BOT SJV	10	22624.81
BERING SEA	BERING SEA 521	POLL-MID SJV	9	6119.11
BERING SEA	BERING SEA 521	POLL-MID SJV	10	15657.21
BERING SEA	BERING SEA 521	POLL-MID SJV	11	8810.56
BERING SEA	BERING SEA 522	OTHER SJV	9	1168.13
BERING SEA	BERING SEA 522	OTHER SJV	10	978.43
BERING SEA	BERING SEA 522	YELL/FLT FJV	9	235.76
BERING SEA	BERING SEA 522	POLL-BOT FJV	10	338.94
BERING SEA	BERING SEA 522	POLL-BOT SJV	9	50.13
BERING SEA	BERING SEA 522	POLL-BOT SJV	10	97.37
BERING SEA	BERING SEA 522	POLL-BOT SJV	11	863.72
BERING SEA	BERING SEA 522	POLL-MID SJV	9	1268.85
BERING SEA	BERING SEA 522	POLL-MID SJV	10	97.24
BERING SEA	ALEUTIANS 540	OTHER SJV	12	151.00
BERING SEA	ALEUTIANS 540	POLL-MID FJV	12	915.19
BERING SEA	ALEUTIANS 540	POLL-MID SJV	11	4448.98
BERING SEA	ALEUTIANS 540	POLL-MID SJV	12	5060.82

Table 10.--Annual joint venture catches in the Bering Sea by area and vessel class.

REGION	AREA	VESSEL CLASS	BLEND EST.
BERING SEA	BERING SEA 511	OTHER SJV	1168.84
BERING SEA	BERING SEA 511	OTHER FJV	5682.54
BERING SEA	BERING SEA 511	YELL/FLT SJV	13741.65
BERING SEA	BERING SEA 511	YELL/FLT FJV	49030.78
BERING SEA	BERING SEA 511	POLL-BOT FJV	224.10
BERING SEA	BERING SEA 511	POLL-MID FJV	3451.74
BERING SEA	BERING SEA 511	POLL-MID SJV	8458.85
BERING SEA	BERING SEA 513	OTHER SJV	8670.18
BERING SEA	BERING SEA 513	OTHER FJV	4190.84
BERING SEA	BERING SEA 513	YELL/FLT SJV	715.50
BERING SEA	BERING SEA 513	YELL/FLT FJV	41443.67
BERING SEA	BERING SEA 513	POLL-BOT FJV	343.14
BERING SEA	BERING SEA 513	POLL-MID FJV	1252.08
BERING SEA	BERING SEA 513	POLL-MID SJV	6536.04
BERING SEA	BERING SEA 514	YELL/FLT FJV	20114.89
BERING SEA	BERING SEA 515	OTHER FJV	221.44
BERING SEA	BERING SEA 515	POLL-BOT FJV	312.46
BERING SEA	BERING SEA 515	POLL-MID FJV	407.39
BERING SEA	BERING SEA 515	POLL-MID SJV	489.24
BERING SEA	BERING SEA 516	YELL/FLT SJV	22481.95
BERING SEA	BERING SEA 516	YELL/FLT FJV	65969.38
BERING SEA	BERING SEA 517	OTHER SJV	7185.53
BERING SEA	BERING SEA 517	OTHER FJV	29009.82
BERING SEA	BERING SEA 517	YELL/FLT FJV	7938.62
BERING SEA	BERING SEA 517	POLL-BOT FJV	1013.59
BERING SEA	BERING SEA 517	POLL-MID FJV	37803.49
BERING SEA	BERING SEA 517	POLL-BOT SJV	3786.04
BERING SEA	BERING SEA 517	POLL-MID SJV	70421.51
BERING SEA	BERING SEA 521	OTHER SJV	22844.93
BERING SEA	BERING SEA 521	OTHER FJV	15948.30
BERING SEA	BERING SEA 521	YELL/FLT FJV	93.27
BERING SEA	BERING SEA 521	POLL-BOT FJV	1295.06
BERING SEA	BERING SEA 521	POLL-MID FJV	740.74
BERING SEA	BERING SEA 521	POLL-BOT SJV	34302.83
BERING SEA	BERING SEA 521	POLL-MID SJV	30586.88
BERING SEA	BERING SEA 522	OTHER SJV	2146.56
BERING SEA	BERING SEA 522	YELL/FLT FJV	235.76
BERING SEA	BERING SEA 522	POLL-BOT FJV	338.94
BERING SEA	BERING SEA 522	POLL-BOT SJV	1011.22
BERING SEA	BERING SEA 522	POLL-MID SJV	1366.09
BERING SEA	ALEUTIANS 540	OTHER SJV	151.00
BERING SEA	ALEUTIANS 540	POLL-MID FJV	915.19
BERING SEA	ALEUTIANS 540	POLL-MID SJV	9509.80

Table 11.--Monthly joint venture catches in the Bering Sea by area, 1989.

REGION	AREA	MONTH	BLEND EST.
BERING SEA	BERING SEA 511	1	24771.30
BERING SEA	BERING SEA 511	2	30566.60
BERING SEA	BERING SEA 511	3	23907.22
BERING SEA	BERING SEA 511	9	2405.89
BERING SEA	BERING SEA 511	10	5.81
BERING SEA	BERING SEA 511	12	101.70
BERING SEA	BERING SEA 513	1	4316.86
BERING SEA	BERING SEA 513	2	773.62
BERING SEA	BERING SEA 513	3	5990.89
BERING SEA	BERING SEA 513	9	23408.66
BERING SEA	BERING SEA 513	10	13205.97
BERING SEA	BERING SEA 513	11	13688.70
BERING SEA	BERING SEA 513	12	1757.93
BERING SEA	BERING SEA 514	9	11066.10
BERING SEA	BERING SEA 514	10	5841.33
BERING SEA	BERING SEA 514	11	23.05
BERING SEA	BERING SEA 514	12	3184.41
BERING SEA	BERING SEA 515	1	36.93
BERING SEA	BERING SEA 515	2	111.41
BERING SEA	BERING SEA 515	9	637.07
BERING SEA	BERING SEA 515	10	73.25
BERING SEA	BERING SEA 515	12	571.86
BERING SEA	BERING SEA 516	2	80935.63
BERING SEA	BERING SEA 516	3	7515.70
BERING SEA	BERING SEA 517	1	45400.98
BERING SEA	BERING SEA 517	2	16366.85
BERING SEA	BERING SEA 517	3	6871.41
BERING SEA	BERING SEA 517	9	33457.60
BERING SEA	BERING SEA 517	10	24531.49
BERING SEA	BERING SEA 517	11	27712.52
BERING SEA	BERING SEA 517	12	3137.79
BERING SEA	BERING SEA 521	3	19.20
BERING SEA	BERING SEA 521	9	43818.42
BERING SEA	BERING SEA 521	10	53117.15
BERING SEA	BERING SEA 521	11	8857.24
BERING SEA	BERING SEA 522	9	2722.86
BERING SEA	BERING SEA 522	10	1511.98
BERING SEA	BERING SEA 522	11	863.72
BERING SEA	ALEUTIANS 540	11	4448.98
BERING SEA	ALEUTIANS 540	12	6379.59

Table 12.--Annual joint venture catches in the Bering Sea
by area, 1989.

REGION	AREA	BLEND EST.
BERING SEA	BERING SEA 511	81758.51
BERING SEA	BERING SEA 513	63142.64
BERING SEA	BERING SEA 514	20114.89
BERING SEA	BERING SEA 515	1430.53
BERING SEA	BERING SEA 516	88451.32
BERING SEA	BERING SEA 517	157478.64
BERING SEA	BERING SEA 521	105812.01
BERING SEA	BERING SEA 522	5098.56
BERING SEA	ALEUTIANS 540	10828.57

Table 13.--Monthly foreign catches in the Bering Sea by species, area, and vessel class, 1989.

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
BERING SEA	SNAILS	BERING SEA 521	SNAIL POT	7	23.1
BERING SEA	SNAILS	BERING SEA 521	SNAIL POT	8	56.1
BERING SEA	SNAILS	BERING SEA 521	SNAIL POT	9	22.3
BERING SEA	SNAILS	BERING SEA 521	SNAIL POT	10	14.9

PACIFIC COAST WHITING FISHERY

In 1989, Japan, the U.S.S.R., the Republic of Korea (ROK), Poland, and the People's Republic of China (PRC) participated in joint venture fisheries in the Pacific region.

The following descriptions and species groups apply to the summary tables for the Pacific region joint venture fishery.

Joint Venture Vessel Classes

Along with the target description "other", vessel class includes the designation "FJV" or "SJV". "FJV" describes foreign processing vessels which produce frozen products from catches received from U.S. fishing vessels, and "SJV" describes foreign processing vessels which additionally have the capability to produce surimi.

Species groups

Pacific hake	- <u>Merluccius productus</u>
Jack mackerel	- retained <u>Trachurus symmetricus</u>
Sablefish	- retained <u>Anoplopoma fimbria</u>
POP	- retained Pacific ocean perch, <u>Sebastes alutus</u>
Other rockfish	- retained rockfish (except POP)
All flounders	- retained flatfish species (except halibut)
Other fish	- all retained other fish and invertebrate species (except salmon, halibut, and crab)
POP discards	- discarded POP
Other rockfish discards	- discarded other rockfish
Sablefish discards	- discarded sablefish
Jack mackerel discards	- discarded Jack mackerel
Flatfish discards	- discarded flatfish (except halibut)
Other discards	- all discarded other fish and invertebrate species (except salmon, halibut, and crab)

Note: Retained catches count against the allocated catch; discarded catches do not.

Table 14.--Monthly joint venture catches off the Pacific coast by species, area, and vessel class, 1989.

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
PACIFIC COAST	PACIFIC WHITING	VANCOUVER	OTH FJV	5	3883.59
PACIFIC COAST	PACIFIC WHITING	VANCOUVER	OTH FJV	6	4058.00
PACIFIC COAST	PACIFIC WHITING	COLUMBIA	OTH SJV	5	4833.85
PACIFIC COAST	PACIFIC WHITING	COLUMBIA	OTH SJV	6	3727.38
PACIFIC COAST	PACIFIC WHITING	COLUMBIA	OTH FJV	4	3165.49
PACIFIC COAST	PACIFIC WHITING	COLUMBIA	OTH FJV	5	56123.61
PACIFIC COAST	PACIFIC WHITING	COLUMBIA	OTH FJV	6	25986.26
PACIFIC COAST	PACIFIC WHITING	EUREKA	OTH SJV	5	31299.12
PACIFIC COAST	PACIFIC WHITING	EUREKA	OTH SJV	6	26267.61
PACIFIC COAST	PACIFIC WHITING	EUREKA	OTH FJV	4	18182.46
PACIFIC COAST	PACIFIC WHITING	EUREKA	OTH FJV	5	8058.70
PACIFIC COAST	PACIFIC WHITING	EUREKA	OTH FJV	6	16185.97
PACIFIC COAST	PACIFIC WHITING	MONTEREY	OTH SJV	5	394.55
PACIFIC COAST	PACIFIC WHITING	MONTEREY	OTH SJV	6	1410.90
PACIFIC COAST	JACK MACKEREL	COLUMBIA	OTH SJV	6	2.60
PACIFIC COAST	JACK MACKEREL	EUREKA	OTH SJV	6	1.15
PACIFIC COAST	JACK MACKEREL	EUREKA	OTH FJV	6	0.10
PACIFIC COAST	JACK MACKEREL	MONTEREY	OTH SJV	6	0.67
PACIFIC COAST	SABLEFISH	COLUMBIA	OTH SJV	6	1.25
PACIFIC COAST	SABLEFISH	COLUMBIA	OTH FJV	5	0.21
PACIFIC COAST	SABLEFISH	COLUMBIA	OTH FJV	6	0.62
PACIFIC COAST	SABLEFISH	EUREKA	OTH SJV	5	0.12
PACIFIC COAST	SABLEFISH	EUREKA	OTH FJV	5	<0.01
PACIFIC COAST	POP	VANCOUVER	OTH FJV	6	0.08
PACIFIC COAST	POP	COLUMBIA	OTH SJV	6	<0.01
PACIFIC COAST	POP	COLUMBIA	OTH FJV	5	0.09
PACIFIC COAST	POP	EUREKA	OTH SJV	5	0.10
PACIFIC COAST	POP	EUREKA	OTH SJV	6	<0.01
PACIFIC COAST	OTHER ROCKFISH	VANCOUVER	OTH FJV	5	9.80
PACIFIC COAST	OTHER ROCKFISH	VANCOUVER	OTH FJV	6	5.93
PACIFIC COAST	OTHER ROCKFISH	COLUMBIA	OTH SJV	5	10.98
PACIFIC COAST	OTHER ROCKFISH	COLUMBIA	OTH SJV	6	1.37
PACIFIC COAST	OTHER ROCKFISH	COLUMBIA	OTH FJV	4	2.26
PACIFIC COAST	OTHER ROCKFISH	COLUMBIA	OTH FJV	5	47.69
PACIFIC COAST	OTHER ROCKFISH	COLUMBIA	OTH FJV	6	13.84
PACIFIC COAST	OTHER ROCKFISH	EUREKA	OTH SJV	5	18.33
PACIFIC COAST	OTHER ROCKFISH	EUREKA	OTH SJV	6	31.37
PACIFIC COAST	OTHER ROCKFISH	EUREKA	OTH FJV	4	2.13
PACIFIC COAST	OTHER ROCKFISH	EUREKA	OTH FJV	5	0.07
PACIFIC COAST	OTHER ROCKFISH	MONTEREY	OTH SJV	5	0.11
PACIFIC COAST	OTHER ROCKFISH	MONTEREY	OTH SJV	6	25.61
PACIFIC COAST	ALL FLOUNDERS	COLUMBIA	OTH SJV	6	3.24
PACIFIC COAST	ALL FLOUNDERS	COLUMBIA	OTH FJV	5	1.78
PACIFIC COAST	ALL FLOUNDERS	COLUMBIA	OTH FJV	6	2.76

Table 14.--Monthly joint venture catches off the Pacific coast by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
PACIFIC COAST	ALL FLOUNDERS	EUREKA	OTH SJV	6	0.02
PACIFIC COAST	OTHER FISH	VANCOUVER	OTH FJV	6	6.15
PACIFIC COAST	OTHER FISH	COLUMBIA	OTH SJV	5	<0.01
PACIFIC COAST	OTHER FISH	COLUMBIA	OTH SJV	6	0.13
PACIFIC COAST	OTHER FISH	COLUMBIA	OTH FJV	4	<0.01
PACIFIC COAST	OTHER FISH	COLUMBIA	OTH FJV	5	0.04
PACIFIC COAST	OTHER FISH	COLUMBIA	OTH FJV	6	0.20
PACIFIC COAST	OTHER FISH	EUREKA	OTH SJV	6	1.40
PACIFIC COAST	OTHER FISH	EUREKA	OTH FJV	4	2.85
PACIFIC COAST	OTHER FISH	EUREKA	OTH FJV	6	<0.01
PACIFIC COAST	POP DISCARDS	VANCOUVER	OTH FJV	5	1.66
PACIFIC COAST	POP DISCARDS	VANCOUVER	OTH FJV	6	0.14
PACIFIC COAST	POP DISCARDS	COLUMBIA	OTH FJV	5	0.17
PACIFIC COAST	POP DISCARDS	COLUMBIA	OTH FJV	6	0.25
PACIFIC COAST	POP DISCARDS	EUREKA	OTH FJV	5	0.08
PACIFIC COAST	OTHER ROCKFISH DIS	VANCOUVER	OTH FJV	5	24.63
PACIFIC COAST	OTHER ROCKFISH DIS	VANCOUVER	OTH FJV	6	40.17
PACIFIC COAST	OTHER ROCKFISH DIS	COLUMBIA	OTH SJV	5	<0.01
PACIFIC COAST	OTHER ROCKFISH DIS	COLUMBIA	OTH SJV	6	<0.01
PACIFIC COAST	OTHER ROCKFISH DIS	COLUMBIA	OTH FJV	4	1.28
PACIFIC COAST	OTHER ROCKFISH DIS	COLUMBIA	OTH FJV	5	78.62
PACIFIC COAST	OTHER ROCKFISH DIS	COLUMBIA	OTH FJV	6	82.50
PACIFIC COAST	OTHER ROCKFISH DIS	EUREKA	OTH SJV	5	2.03
PACIFIC COAST	OTHER ROCKFISH DIS	EUREKA	OTH SJV	6	0.89
PACIFIC COAST	OTHER ROCKFISH DIS	EUREKA	OTH FJV	4	6.01
PACIFIC COAST	OTHER ROCKFISH DIS	EUREKA	OTH FJV	5	1.60
PACIFIC COAST	OTHER ROCKFISH DIS	EUREKA	OTH FJV	6	5.44
PACIFIC COAST	OTHER ROCKFISH DIS	MONTEREY	OTH SJV	6	13.39
PACIFIC COAST	SABLEFISH DISCARDS	VANCOUVER	OTH FJV	6	0.04
PACIFIC COAST	SABLEFISH DISCARDS	COLUMBIA	OTH FJV	5	0.54
PACIFIC COAST	SABLEFISH DISCARDS	COLUMBIA	OTH FJV	6	3.95
PACIFIC COAST	SABLEFISH DISCARDS	EUREKA	OTH SJV	6	<0.01
PACIFIC COAST	SABLEFISH DISCARDS	EUREKA	OTH FJV	4	1.84
PACIFIC COAST	SABLEFISH DISCARDS	EUREKA	OTH FJV	6	0.06
PACIFIC COAST	JACK MACKEREL DIS	COLUMBIA	OTH SJV	6	<0.01
PACIFIC COAST	JACK MACKEREL DIS	COLUMBIA	OTH FJV	6	5.22
PACIFIC COAST	JACK MACKEREL DIS	EUREKA	OTH SJV	6	1.61
PACIFIC COAST	JACK MACKEREL DIS	EUREKA	OTH FJV	6	0.09
PACIFIC COAST	JACK MACKEREL DIS	MONTEREY	OTH SJV	6	0.56
PACIFIC COAST	FLATFISH DISCARDS	VANCOUVER	OTH FJV	5	0.01
PACIFIC COAST	FLATFISH DISCARDS	VANCOUVER	OTH FJV	6	0.01
PACIFIC COAST	FLATFISH DISCARDS	COLUMBIA	OTH FJV	5	42.87
PACIFIC COAST	FLATFISH DISCARDS	COLUMBIA	OTH FJV	6	30.01
PACIFIC COAST	FLATFISH DISCARDS	EUREKA	OTH SJV	5	0.02

Table 14.--Monthly joint venture catches off the Pacific coast by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	MONTH	BLEND EST.
PACIFIC COAST	FLATFISH DISCARDS	EUREKA	OTH FJV	5	<0.01
PACIFIC COAST	FLATFISH DISCARDS	EUREKA	OTH FJV	6	0.08
PACIFIC COAST	OTHER DISCARDS	VANCOUVER	OTH FJV	5	1.41
PACIFIC COAST	OTHER DISCARDS	VANCOUVER	OTH FJV	6	24.17
PACIFIC COAST	OTHER DISCARDS	COLUMBIA	OTH SJV	5	0.20
PACIFIC COAST	OTHER DISCARDS	COLUMBIA	OTH SJV	6	0.18
PACIFIC COAST	OTHER DISCARDS	COLUMBIA	OTH FJV	4	0.11
PACIFIC COAST	OTHER DISCARDS	COLUMBIA	OTH FJV	5	13.67
PACIFIC COAST	OTHER DISCARDS	COLUMBIA	OTH FJV	6	27.16
PACIFIC COAST	OTHER DISCARDS	EUREKA	OTH SJV	5	12.42
PACIFIC COAST	OTHER DISCARDS	EUREKA	OTH SJV	6	7.21
PACIFIC COAST	OTHER DISCARDS	EUREKA	OTH FJV	4	24.85
PACIFIC COAST	OTHER DISCARDS	EUREKA	OTH FJV	5	2.76
PACIFIC COAST	OTHER DISCARDS	EUREKA	OTH FJV	6	10.27
PACIFIC COAST	OTHER DISCARDS	MONTEREY	OTH SJV	6	0.62

Table 15.--Annual joint venture catches off the Pacific coast by species, area, and vessel class, 1989.

REGION	SPECIES	AREA	VESSEL CLASS	BLEND EST.
PACIFIC COAST	PACIFIC WHITING	VANCOUVER	OTHER FJV	7941.59
PACIFIC COAST	PACIFIC WHITING	COLUMBIA	OTHER SJV	8561.23
PACIFIC COAST	PACIFIC WHITING	COLUMBIA	OTHER FJV	85275.36
PACIFIC COAST	PACIFIC WHITING	EUREKA	OTHER SJV	57566.73
PACIFIC COAST	PACIFIC WHITING	EUREKA	OTHER FJV	42427.13
PACIFIC COAST	PACIFIC WHITING	MONTEREY	OTHER SJV	1805.45
PACIFIC COAST	JACK MACKEREL	COLUMBIA	OTHER SJV	2.60
PACIFIC COAST	JACK MACKEREL	EUREKA	OTHER SJV	1.15
PACIFIC COAST	JACK MACKEREL	EUREKA	OTHER FJV	0.10
PACIFIC COAST	JACK MACKEREL	MONTEREY	OTHER SJV	0.67
PACIFIC COAST	SABLEFISH	COLUMBIA	OTHER SJV	1.25
PACIFIC COAST	SABLEFISH	COLUMBIA	OTHER FJV	0.83
PACIFIC COAST	SABLEFISH	EUREKA	OTHER SJV	0.12
PACIFIC COAST	SABLEFISH	EUREKA	OTHER FJV	<0.01
PACIFIC COAST	POP	VANCOUVER	OTHER FJV	0.08
PACIFIC COAST	POP	COLUMBIA	OTHER SJV	<0.01
PACIFIC COAST	POP	COLUMBIA	OTHER FJV	0.09
PACIFIC COAST	POP	EUREKA	OTHER SJV	0.10
PACIFIC COAST	OTHER ROCKFISH	VANCOUVER	OTHER FJV	15.73
PACIFIC COAST	OTHER ROCKFISH	COLUMBIA	OTHER SJV	12.35
PACIFIC COAST	OTHER ROCKFISH	COLUMBIA	OTHER FJV	63.79
PACIFIC COAST	OTHER ROCKFISH	EUREKA	OTHER SJV	49.71
PACIFIC COAST	OTHER ROCKFISH	EUREKA	OTHER FJV	2.19
PACIFIC COAST	OTHER ROCKFISH	MONTEREY	OTHER SJV	25.72
PACIFIC COAST	ALL FLOUNDERS	COLUMBIA	OTHER SJV	3.24
PACIFIC COAST	ALL FLOUNDERS	COLUMBIA	OTHER FJV	4.54
PACIFIC COAST	ALL FLOUNDERS	EUREKA	OTHER SJV	0.02
PACIFIC COAST	OTHER FISH	VANCOUVER	OTHER FJV	6.15
PACIFIC COAST	OTHER FISH	COLUMBIA	OTHER SJV	0.13
PACIFIC COAST	OTHER FISH	COLUMBIA	OTHER FJV	0.24
PACIFIC COAST	OTHER FISH	EUREKA	OTHER SJV	1.40
PACIFIC COAST	OTHER FISH	EUREKA	OTHER FJV	2.85
PACIFIC COAST	POP DISCARDS	VANCOUVER	OTHER FJV	1.80
PACIFIC COAST	POP DISCARDS	COLUMBIA	OTHER FJV	0.43
PACIFIC COAST	POP DISCARDS	EUREKA	OTHER FJV	0.08
PACIFIC COAST	OTHER ROCKFISH DIS	VANCOUVER	OTHER FJV	64.80
PACIFIC COAST	OTHER ROCKFISH DIS	COLUMBIA	OTHER SJV	<0.01
PACIFIC COAST	OTHER ROCKFISH DIS	COLUMBIA	OTHER FJV	162.40
PACIFIC COAST	OTHER ROCKFISH DIS	EUREKA	OTHER SJV	2.92
PACIFIC COAST	OTHER ROCKFISH DIS	EUREKA	OTHER FJV	13.05
PACIFIC COAST	OTHER ROCKFISH DIS	MONTEREY	OTHER SJV	13.39
PACIFIC COAST	SABLEFISH DISCARDS	VANCOUVER	OTHER FJV	0.04
PACIFIC COAST	SABLEFISH DISCARDS	COLUMBIA	OTHER FJV	4.48
PACIFIC COAST	SABLEFISH DISCARDS	EUREKA	OTHER SJV	<0.01

Table 15.--Annual joint venture catches off the Pacific coast by species, area, and vessel class, 1989 (Continued).

REGION	SPECIES	AREA	VESSEL CLASS	BLEND EST.
PACIFIC COAST	SABLEFISH DISCARDS	EUREKA	OTHER FJV	1.90
PACIFIC COAST	JACK MACKEREL DIS	COLUMBIA	OTHER SJV	<0.01
PACIFIC COAST	JACK MACKEREL DIS	COLUMBIA	OTHER FJV	5.22
PACIFIC COAST	JACK MACKEREL DIS	EUREKA	OTHER SJV	1.61
PACIFIC COAST	JACK MACKEREL DIS	EUREKA	OTHER FJV	0.09
PACIFIC COAST	JACK MACKEREL DIS	MONTEREY	OTHER SJV	0.56
PACIFIC COAST	FLATFISH DISCARDS	VANCOUVER	OTHER FJV	0.02
PACIFIC COAST	FLATFISH DISCARDS	COLUMBIA	OTHER FJV	72.88
PACIFIC COAST	FLATFISH DISCARDS	EUREKA	OTHER SJV	0.02
PACIFIC COAST	FLATFISH DISCARDS	EUREKA	OTHER FJV	0.08
PACIFIC COAST	OTHER DISCARDS	VANCOUVER	OTHER FJV	25.58
PACIFIC COAST	OTHER DISCARDS	COLUMBIA	OTHER SJV	0.38
PACIFIC COAST	OTHER DISCARDS	COLUMBIA	OTHER FJV	40.93
PACIFIC COAST	OTHER DISCARDS	EUREKA	OTHER SJV	19.64
PACIFIC COAST	OTHER DISCARDS	EUREKA	OTHER FJV	37.88
PACIFIC COAST	OTHER DISCARDS	MONTEREY	OTHER SJV	0.62

Table 16.--Monthly joint venture catches off the Pacific coast by species and vessel class, 1989.

REGION	SPECIES	VESSEL CLASS	MONTH	BLEND EST.
PACIFIC COAST	PACIFIC WHITING	OTHER SJV	5	36527.52
PACIFIC COAST	PACIFIC WHITING	OTHER SJV	6	31405.89
PACIFIC COAST	PACIFIC WHITING	OTHER FJV	4	21347.95
PACIFIC COAST	PACIFIC WHITING	OTHER FJV	5	68065.90
PACIFIC COAST	PACIFIC WHITING	OTHER FJV	6	46230.23
PACIFIC COAST	JACK MACKEREL	OTHER SJV	6	4.42
PACIFIC COAST	JACK MACKEREL	OTHER FJV	6	0.10
PACIFIC COAST	SABLEFISH	OTHER SJV	5	0.12
PACIFIC COAST	SABLEFISH	OTHER SJV	6	1.25
PACIFIC COAST	SABLEFISH	OTHER FJV	5	0.21
PACIFIC COAST	SABLEFISH	OTHER FJV	6	0.62
PACIFIC COAST	POP	OTHER SJV	5	0.10
PACIFIC COAST	POP	OTHER SJV	6	<0.01
PACIFIC COAST	POP	OTHER FJV	5	0.09
PACIFIC COAST	POP	OTHER FJV	6	0.08
PACIFIC COAST	OTHER ROCKFISH	OTHER SJV	5	29.43
PACIFIC COAST	OTHER ROCKFISH	OTHER SJV	6	58.35
PACIFIC COAST	OTHER ROCKFISH	OTHER FJV	4	4.39
PACIFIC COAST	OTHER ROCKFISH	OTHER FJV	5	57.56
PACIFIC COAST	OTHER ROCKFISH	OTHER FJV	6	19.76
PACIFIC COAST	ALL FLOUNDERS	OTHER SJV	6	3.26
PACIFIC COAST	ALL FLOUNDERS	OTHER FJV	5	1.78
PACIFIC COAST	ALL FLOUNDERS	OTHER FJV	6	2.76
PACIFIC COAST	OTHER FISH	OTHER SJV	5	<0.01
PACIFIC COAST	OTHER FISH	OTHER SJV	6	1.53
PACIFIC COAST	OTHER FISH	OTHER FJV	4	2.85
PACIFIC COAST	OTHER FISH	OTHER FJV	5	0.04
PACIFIC COAST	OTHER FISH	OTHER FJV	6	6.36
PACIFIC COAST	POP DISCARDS	OTHER FJV	5	1.92
PACIFIC COAST	POP DISCARDS	OTHER FJV	6	0.39
PACIFIC COAST	OTHER ROCKFISH DIS	OTHER SJV	5	2.03
PACIFIC COAST	OTHER ROCKFISH DIS	OTHER SJV	6	14.28
PACIFIC COAST	OTHER ROCKFISH DIS	OTHER FJV	4	7.28
PACIFIC COAST	OTHER ROCKFISH DIS	OTHER FJV	5	104.85
PACIFIC COAST	OTHER ROCKFISH DIS	OTHER FJV	6	128.11
PACIFIC COAST	SABLEFISH DISCARDS	OTHER SJV	6	<0.01
PACIFIC COAST	SABLEFISH DISCARDS	OTHER FJV	4	1.84
PACIFIC COAST	SABLEFISH DISCARDS	OTHER FJV	5	0.54
PACIFIC COAST	SABLEFISH DISCARDS	OTHER FJV	6	4.05
PACIFIC COAST	JACK MACKEREL DISCARDS	OTHER SJV	6	2.17
PACIFIC COAST	JACK MACKEREL DISCARDS	OTHER FJV	6	5.31
PACIFIC COAST	FLATFISH DISCARDS	OTHER SJV	5	0.02
PACIFIC COAST	FLATFISH DISCARDS	OTHER FJV	5	42.88
PACIFIC COAST	FLATFISH DISCARDS	OTHER FJV	6	30.10

Table 16.--Monthly joint venture catches off the Pacific coast by species and vessel class, 1989 (Continued).

REGION	SPECIES	VESSEL CLASS	MONTH	BLEND EST.
PACIFIC COAST	OTHER DISCARDS	OTHER SJV	5	12.63
PACIFIC COAST	OTHER DISCARDS	OTHER SJV	6	8.01
PACIFIC COAST	OTHER DISCARDS	OTHER FJV	4	24.96
PACIFIC COAST	OTHER DISCARDS	OTHER FJV	5	17.84
PACIFIC COAST	OTHER DISCARDS	OTHER FJV	6	61.60

Table 17.--Annual joint venture catches off the Pacific coast
by species and vessel class.

REGION	SPECIES	VESSEL CLASS	BLEND EST.
PACIFIC COAST	PACIFIC WHITING	OTHER SJV	67933.41
PACIFIC COAST	PACIFIC WHITING	OTHER FJV	135644.08
PACIFIC COAST	JACK MACKEREL	OTHER SJV	4.42
PACIFIC COAST	JACK MACKEREL	OTHER FJV	0.10
PACIFIC COAST	SABLEFISH	OTHER SJV	1.37
PACIFIC COAST	SABLEFISH	OTHER FJV	0.83
PACIFIC COAST	POP	OTHER SJV	0.10
PACIFIC COAST	POP	OTHER FJV	0.17
PACIFIC COAST	OTHER ROCKFISH	OTHER SJV	87.78
PACIFIC COAST	OTHER ROCKFISH	OTHER FJV	81.71
PACIFIC COAST	ALL FLOUNDERS	OTHER SJV	3.26
PACIFIC COAST	ALL FLOUNDERS	OTHER FJV	4.54
PACIFIC COAST	OTHER FISH	OTHER SJV	1.53
PACIFIC COAST	OTHER FISH	OTHER FJV	9.24
PACIFIC COAST	POP DISCARDS	OTHER FJV	2.31
PACIFIC COAST	OTHER ROCKFISH DIS	OTHER SJV	16.31
PACIFIC COAST	OTHER ROCKFISH DIS	OTHER FJV	240.24
PACIFIC COAST	SABLEFISH DISCARDS	OTHER SJV	<0.01
PACIFIC COAST	SABLEFISH DISCARDS	OTHER FJV	6.42
PACIFIC COAST	JACK MACKEREL DIS	OTHER SJV	2.17
PACIFIC COAST	JACK MACKEREL DIS	OTHER FJV	5.31
PACIFIC COAST	FLATFISH DISCARDS	OTHER SJV	0.02
PACIFIC COAST	FLATFISH DISCARDS	OTHER FJV	72.98
PACIFIC COAST	OTHER DISCARDS	OTHER SJV	20.64
PACIFIC COAST	OTHER DISCARDS	OTHER FJV	104.39

Table 18.--Monthly joint venture catches off the Pacific coast
by area and vessel class, 1989.

REGION	SPECIES	VESSEL CLASS	MONTH	BLEND EST.
PACIFIC COAST	VANCOUVER	OTHER FJV	5	3921.10
PACIFIC COAST	VANCOUVER	OTHER FJV	6	4134.69
PACIFIC COAST	COLUMBIA	OTHER SJV	5	4845.04
PACIFIC COAST	COLUMBIA	OTHER SJV	6	3736.15
PACIFIC COAST	COLUMBIA	OTHER FJV	4	3169.13
PACIFIC COAST	COLUMBIA	OTHER FJV	5	56309.28
PACIFIC COAST	COLUMBIA	OTHER FJV	6	26152.77
PACIFIC COAST	EUREKA	OTHER SJV	5	31332.15
PACIFIC COAST	EUREKA	OTHER SJV	6	26311.27
PACIFIC COAST	EUREKA	OTHER FJV	4	18220.13
PACIFIC COAST	EUREKA	OTHER FJV	5	8063.21
PACIFIC COAST	EUREKA	OTHER FJV	6	16202.01
PACIFIC COAST	MONTEREY	OTHER SJV	5	394.66
PACIFIC COAST	MONTEREY	OTHER SJV	6	1451.75

Table 19.--Annual joint venture catches off the Pacific coast
by area and vessel class.

REGION	AREA	VESSEL CLASS	BLEND EST.
PACIFIC COAST	VANCOUVER	OTHER FJV	8055.80
PACIFIC COAST	COLUMBIA	OTHER SJV	8581.19
PACIFIC COAST	COLUMBIA	OTHER FJV	85631.19
PACIFIC COAST	EUREKA	OTHER SJV	57643.42
PACIFIC COAST	EUREKA	OTHER FJV	42485.35
PACIFIC COAST	MONTEREY	OTHER SJV	1846.41

APPENDIX

1989 Foreign and Joint Venture Catches and Allocations in the Pacific Northwest and Alaska Fishing Area Under the Magnuson Fishery Conservation and Management Act.

Appendix A.--Joint venture catch statistics for the Bering Sea/
Aleutian Islands region, 1989.

Species	Landings	JVP ¹	TAC ²
Walleye pollock			
Bering Sea	277,531.2	294,415	1,340,000
Aleutian Islands	10,820.7	24,018	26,950
Total	288,351.9	318,433	1,366,950
Pacific cod	44,617.0	67,466	226,079
Sablefish			
Bering Sea	3.4	0	2,800
Aleutian Islands	<0.1	0	3,400
Total	3.4	0	6,200
Atka mackerel	51.4	0	20,285
POP complex			
Bering Sea	40.7	0	4,250
Aleutian Islands	0.1	0	5,100
Total	40.8	0	9,350
Other rockfish			
Bering Sea	10.0	0	340
Aleutian Islands	<0.1	0	935
Total	10.0	0	1,275
Arrowtooth	2,294.1	2,700	7,800
Yellowfin sole	151,501.0	172,678	193,952
Rock sole	20,998.2	34,605	77,148
Greenland turbot	50.2	200	8,000
Other flounders	18,807.7	55,000	63,906
Squid	110.5	175	925
Herring	2,527.4	0	0
Other fish	4,752.1	5,000	15,774
Total catch	534,115.7	656,257	1,997,644

¹Joint venture processing allowance.

²Total allowable catch.

Appendix B.--Foreign catch statistics for the Bering Sea/Aleutian Islands region, 1989.

Foreign fishery	Landings	TALFF ¹	TAC ²
Snails	116.2	3,000	3,000

¹Total allowable level of foreign fishing.

²Total allowable catch.

Appendix C.--Joint venture catch statistics for the Pacific coast
whiting fishery.

	Retained	Discard	Total	JVP ^{1, 2}	TAC ³
Pacific whiting	203,577.5	⁴	203,577.5	207,000	225,000
Jack mackerel	4.5	7.5	12.0	3.0%	3.0%
Sablefish	2.2	6.4	8.6	0.173%	0.173%
Pacific ocean perch	0.3	2.3	2.6	0.062%	0.062%
Other rockfish	169.5	256.6	426.1	0.738%	0.738%
Flounders	7.8	73.0	80.8	0.1%	0.1%
Other fish	10.8	125.0	135.8	0.5%	0.5%
Total fish	203,772.6	470.8	204,243.4		

¹Joint venture processing allocation.

²All non-Pacific whiting allowances are based on a percentage of the Pacific whiting allocation.

³Total allowable catch.

⁴All Pacific whiting landings are considered as retained.