



**Northwest and
Alaska Fisheries
Center**

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Fishing Log: U.S.—U.S.S.R.
Cooperative Bottom Trawl Survey
of the Central and Western
Gulf of Alaska
and Aleutian Islands,
March—August 1985

April 1987

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Cooperative Bottom Trawl Survey of the
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March - August, 1985

by

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INTRODUCTION

Between March 31 and August 7, 1985, scientists from the Northwest and Alaska Fisheries Center, Seattle, WA and the Pacific Scientific Research Institute of Fisheries and Oceanography's (TINRO) Laboratory of North Pacific Fish Resources, Vladivostok, U.S.S.R. conducted a cooperative bottom trawl survey of the central and western Gulf of Alaska and the Aleutian Islands. The Soviet research vessel Poseydon, an 84.7 m, 2,000 hp, BMRT-style stern trawler, completed 550 trawl stations along the continental shelf and upper slope from Middleton Island in the central Gulf of Alaska (146°W long.) to Stalemate Bank in the western Aleutian Islands (170°E long.) (Figs. 1-9).

The primary survey objectives were to: (1) describe the distribution and relative abundance of the groundfish complex inhabiting the outer continental shelf and upper slope in the central and western Gulf of Alaska and the Aleutian Islands region, with emphasis on collecting biological information on Atka mackerel, and (2) to collect surface and bottom temperatures at selected sites throughout the sampling range.

The first six trawl hauls were non-survey tows made for the purpose of testing and calibrating the fishing gear. The next 13 hauls (tows 7-19) were midwater hauls made in conjunction with a Soviet ichthyoplankton survey centered in the Kodiak Island region. Trawls 20-550 were bottom tows completed as part of the general trawl survey of the Gulf and Aleutian Islands.

The Soviet bottom trawl used during the survey was constructed of polyethylene webbing with stretched mesh measurements of 100 mm in the wings, 80 mm in the body, and 55 mm in the intermediate section. The codend was constructed of three layers of webbing: the inner layer utilizing 30 mm mesh and the two outside layers, 55 mm mesh. One hundred twenty spherical floats, 200 mm diameter, were arranged along the 31 m headrope, while roller gear

consisting of 17 bobbins, 500 mm in diameter, with spacers, was attached to the 45 m footrope. When towed behind 60 m dandylines and 3 m diameter, 1,750 kg steel oval doors, the trawl had an estimated vertical opening of 6 m and horizontal opening of 18 m (Table 1).

The midwater trawl used during the ichthyoplankton portion of the survey had two hundred floats, 20 cm in diameter, distributed along the 77.4 m head-rope while a 650 kg weight was attached to each end of the 77.4 m footrope. Stretched mesh measurements of this trawl were 800 mm in the wings, 600 mm in the throat, 350 mm in the body, 70 mm in the intermediate section, and 30 mm in the codend. This net was towed behind 90 m dandylines and the same oval doors used with the bottom trawl. The estimated vertical and horizontal openings of this trawl were 30 and 40 m respectively (Table 2).

Section I contains 9 charts (Figs. 1-9) showing the geographical location of each haul. Section II contains a listing of the species catch of each consecutive haul. Section III contains a listing of catch rates for selected species by station number in descending order of magnitude along with the mean weight per fish and depth of capture.

The authors would like to acknowledge and thank Chief Scientist, Dr. Valeriy Pashchenko, and the scientific staff from the TINRO laboratory and Captain Eugeny Schemelov and the crew of the Soviet R/V Poseydon, for their cooperation and assistance during this cooperative groundfish survey.

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SECTION I

Geographical Locations of Trawl Stations

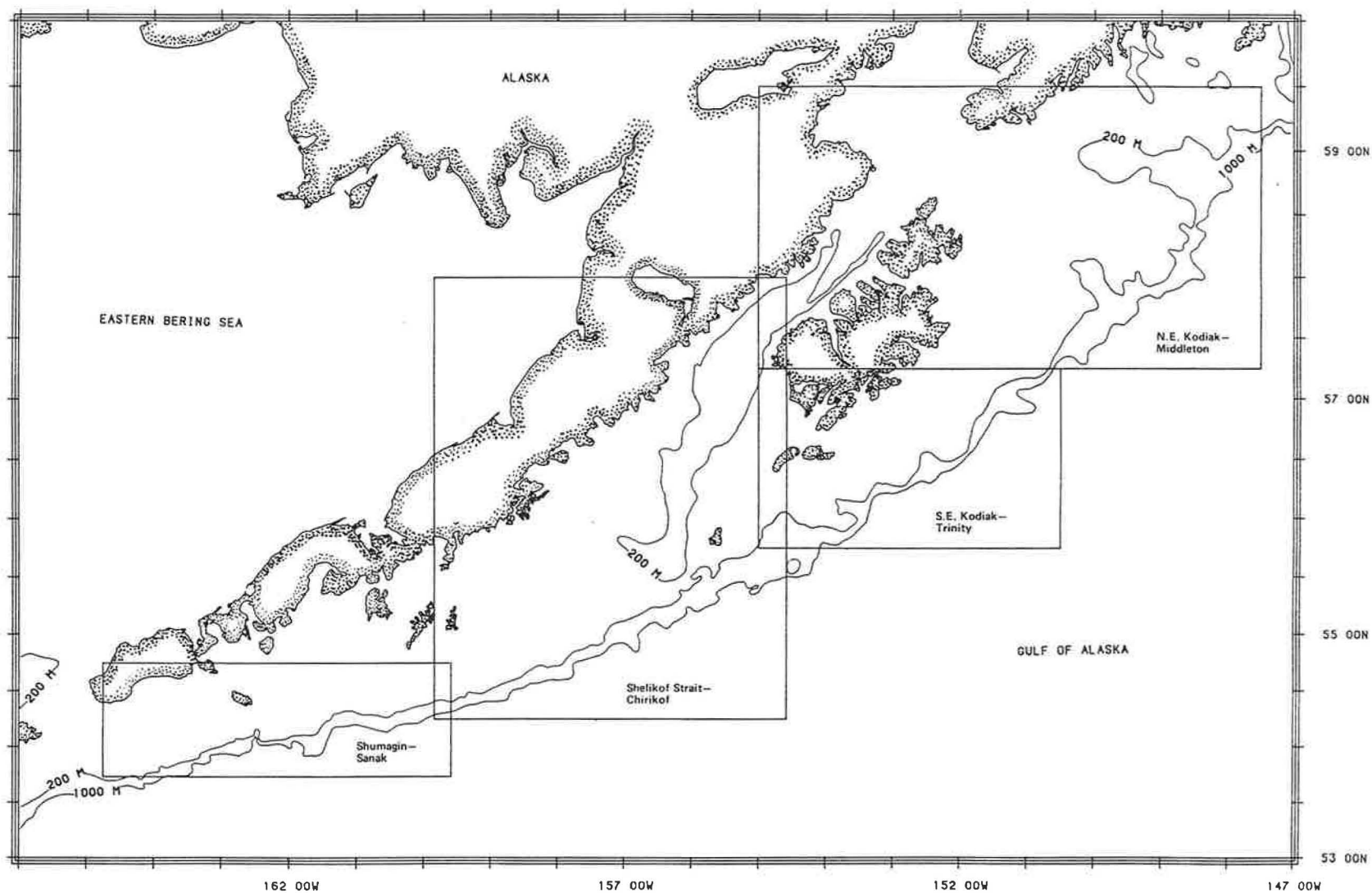


Figure 1.--Areas surveyed in the Gulf of Alaska, during the 1985 joint U.S.-U.S.S.R. groundfish survey.

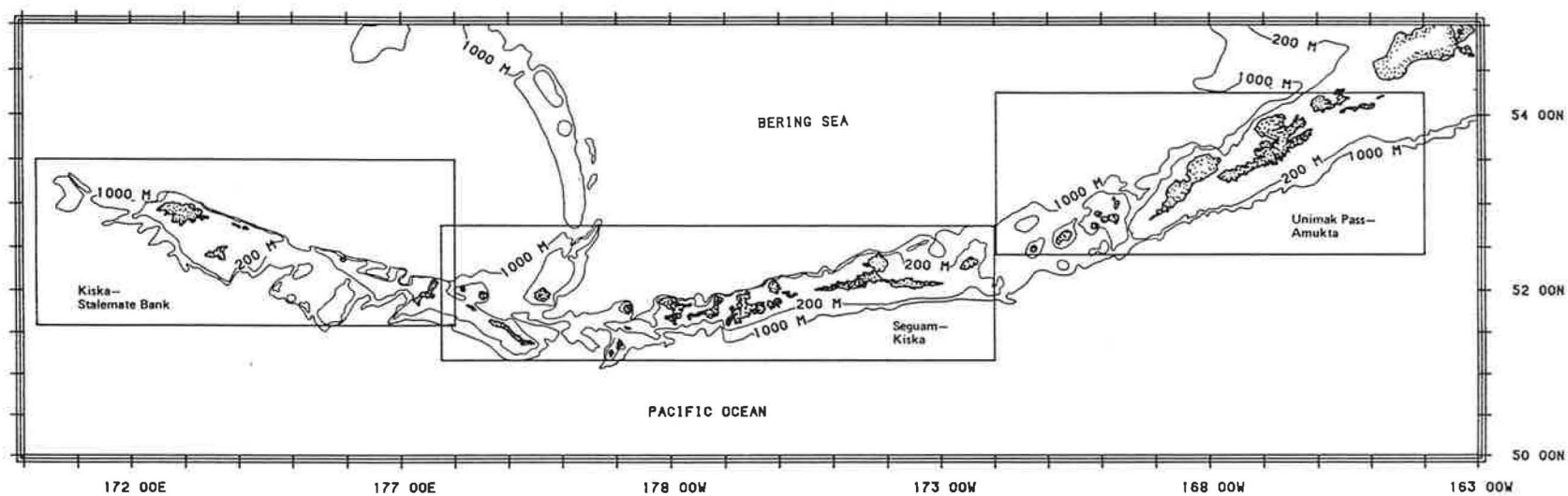


Figure 2.--Areas surveyed in the Aleutian Islands, during the 1985 joint U.S.-U.S.S.R. groundfish survey.

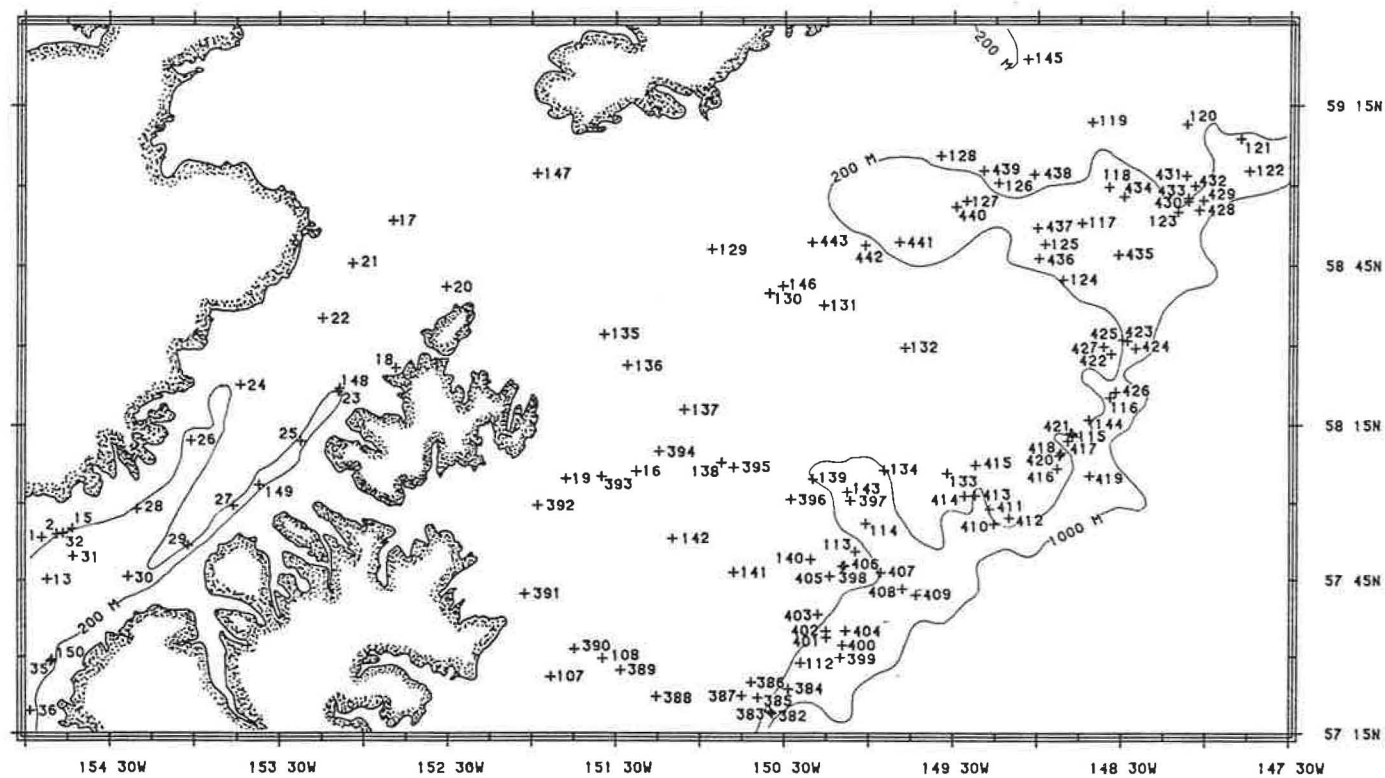


Figure 3.--Trawl stations sampled in the N.E. Kodiak and Middleton areas by the Soviet R/V Poseydon.

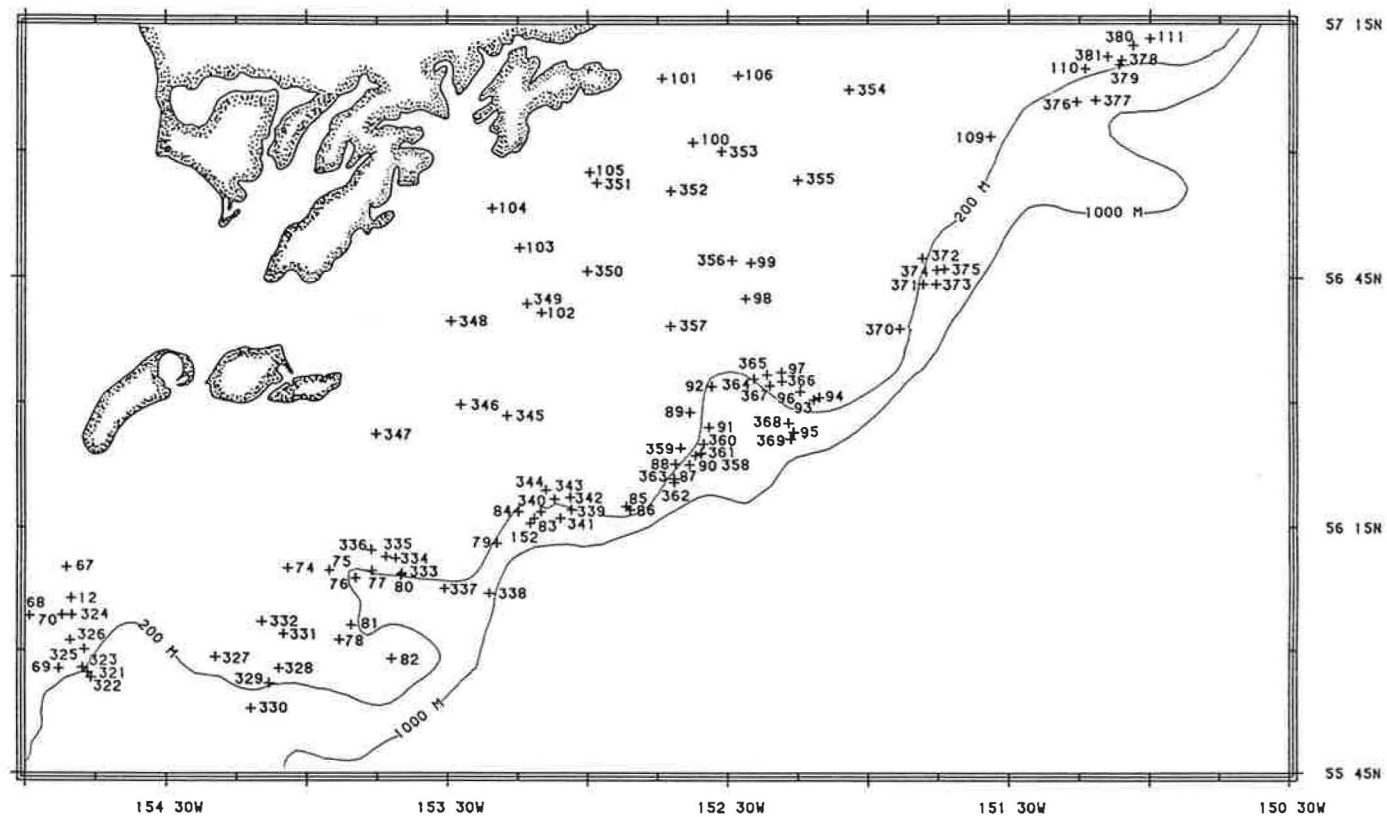


Figure 4.--Trawl stations sampled in the S.E. Kodiak and Trinity areas by the Soviet R/V Poseydon.

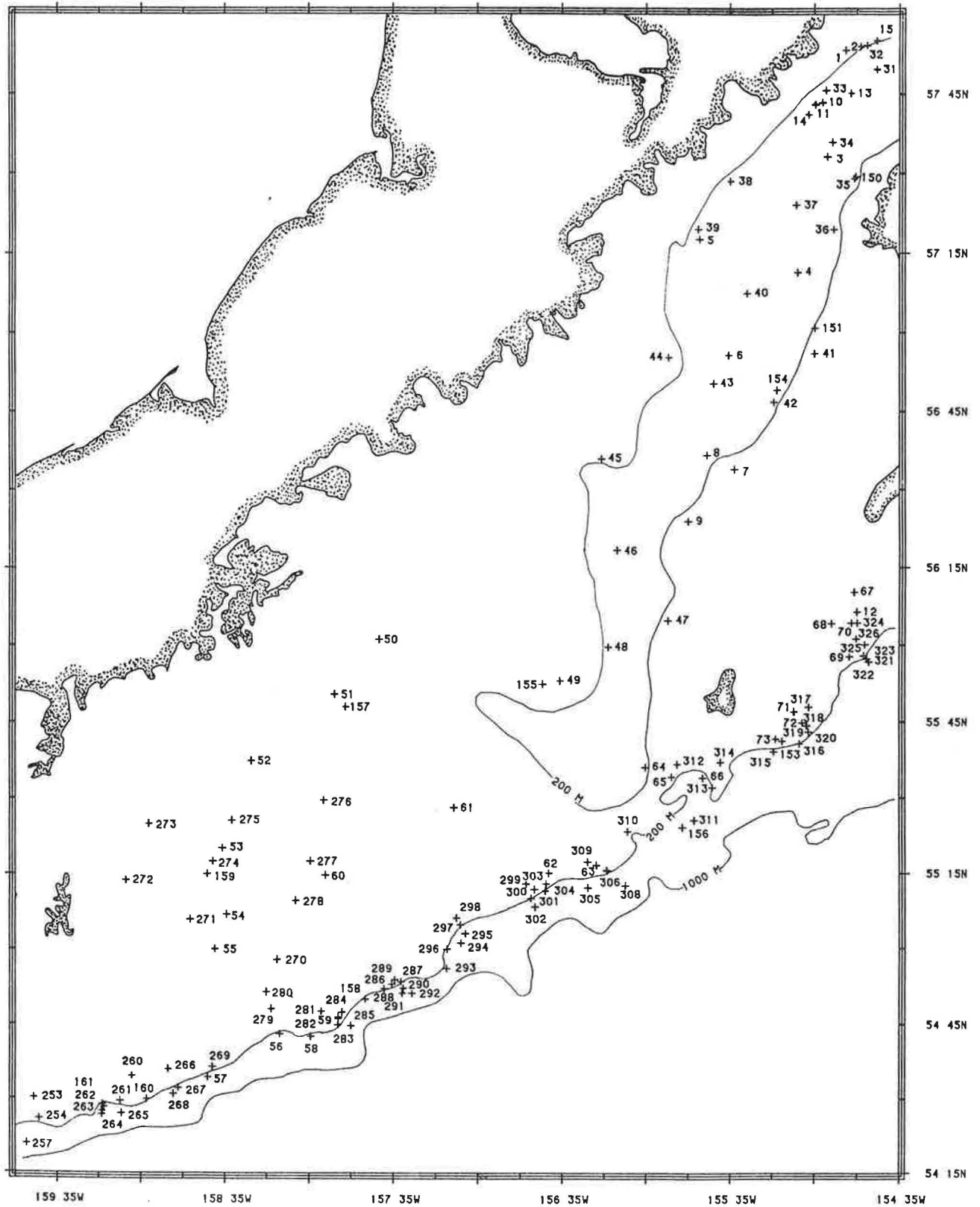


Figure 5.--Trawl stations sampled in the Shelikof Strait and Chirikof areas by the Soviet R/V Poseydon.

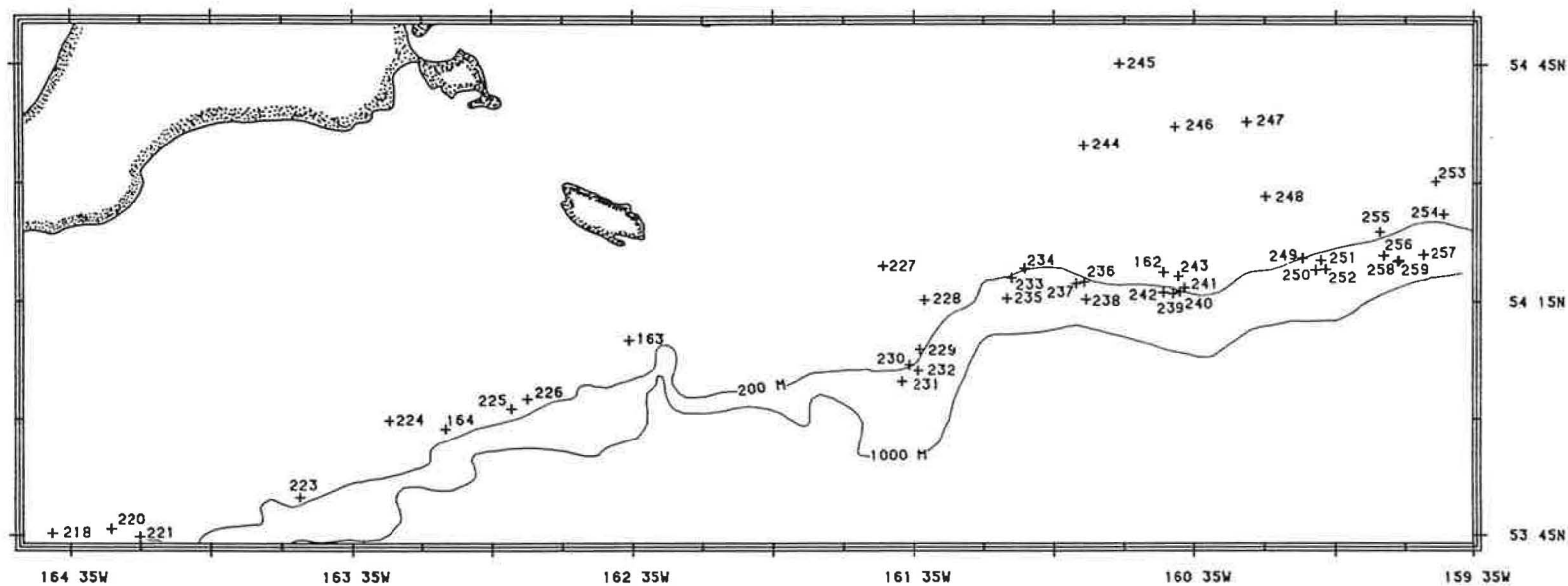


Figure 6.--Trawl stations sampled in the Shumagin and Sanak areas by the Soviet R/V Poseydon.

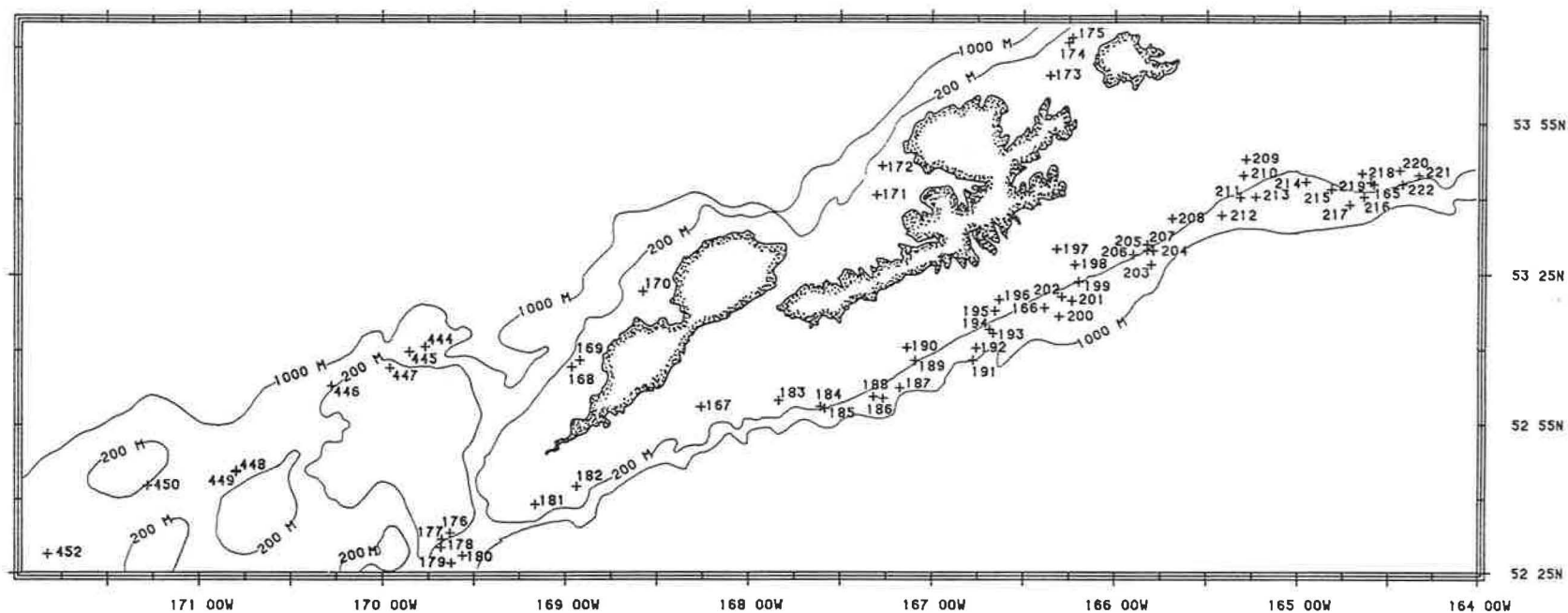


Figure 7.--Trawl stations sampled in the Unimak Pass and Amukta areas by the Soviet R/V Poseydon.

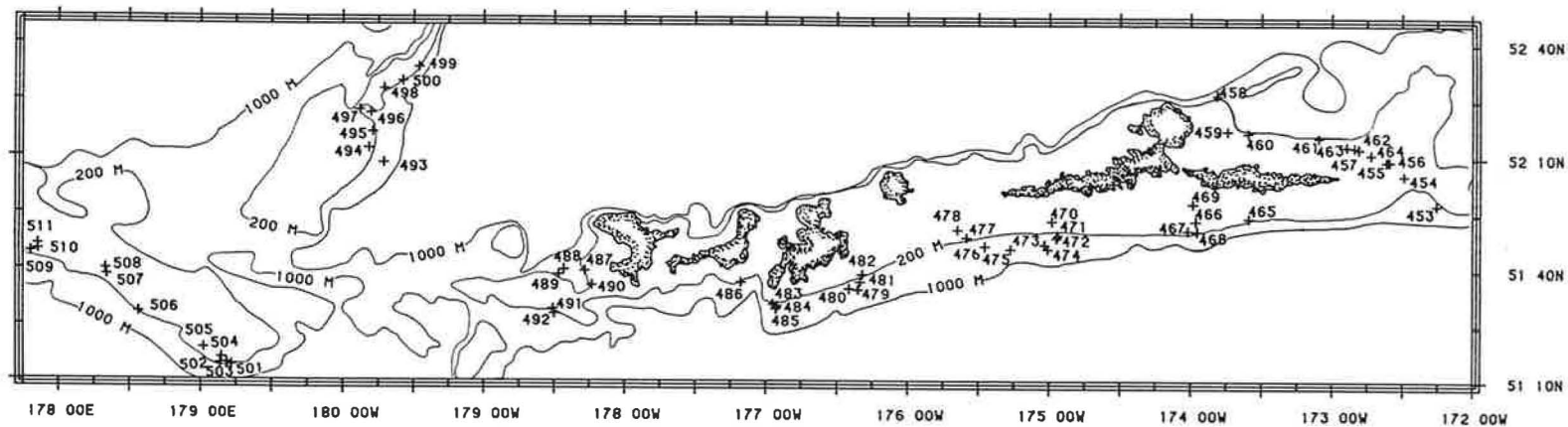


Figure 8.--Trawl stations sampled in the Segum and Kiska areas by the Soviet R/V Poseydon.

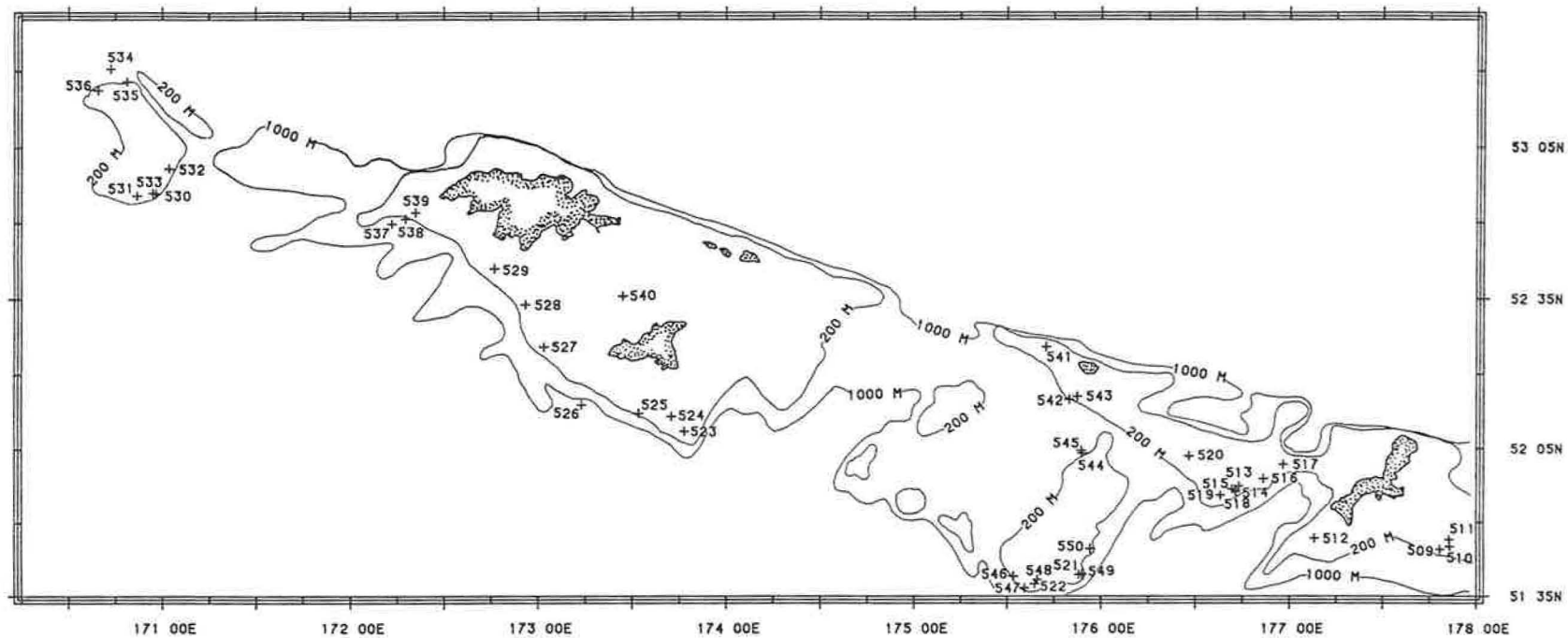


Figure 9.--Trawl stations sampled in the Kiska and Stalemate Bank areas by the Soviet R/V Poseydon.

SECTION II

Station Data

Symbols and Codes used in the text

Gear depth	fathoms
Duration	tenths of an hour (1/2 hr. was standard on-bottom towing time)
Distance fished	nautical miles
Performance	0 = satisfactory 1 = satisfactory although the net hung up or tore (trawl was hauled early, but the damage to the net and fish loss was determined to be minimal) 5 = unsatisfactory, hung up 7 = unsatisfactory, torn net
Gear	790 = Soviet bottom trawl with roller gear 783 = Soviet midwater trawl with 650 kg tow weights
Catch	pounds per hour

Table 1.--Soviet bottom trawl.

Description	Size	Numbers
Oval steel doors	3 m x 3 m (1,750 kg each)	1 pair
Dandylines	60 m	2
Headrope	31 m	1
Footrope	45 m	1
Steel roller gear bobbins	500 mm diameter	17
Aluminum floats	200 mm diameter	120
Wing mesh	100 mm	
Body mesh	80 mm	
Intermediate mesh	55 mm	
Codend	55 mm	
Codend liner	30 mm	
Verticle opening	6 m	
Horizontal opening	18 m	

Table 2.--Soviet midwater trawl.

Description	Size	Numbers
Oval steel doors	3 m x 3 m (1,750 kg each)	1 pair
Dandylines	90 m	2 pair
Headrope	77.4 m	1
Footrope	77.4 m	1
Chain on the Footrope	250 kg	
Breast lines	73 m	2
Tom weights	650 kg	2
Aluminum floats	200 mm diameter	200
Wing mesh	800 mm	
Throat mesh	600 mm	
Body mesh	350 mm	
Intermediate mesh	70 mm	
Codend mesh	30 mm	
Total net length	132 m	
Vertical opening	30 m	
Horizontal opening	40 m	

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	12	13	14	15	16	17	18	19	20	21	22
MONTH/DAY/YEAR	4/ 9/85	4/10/85	4/10/85	4/10/85	4/17/85	4/18/85	4/19/85	4/21/85	4/22/85	4/22/85	4/22/85
LATITUDE START	56 6.4	57 45.2	57 41.1	57 55.1	58 6.3	58 53.6	58 26.0	58 4.9	58 41.2	58 45.5	58 35.3
LONGITUDE START	154 50.1	154 52.0	155 7.0	154 43.1	151 22.6	152 49.5	152 48.5	151 47.6	152 30.5	153 3.8	153 14.5
LATITUDE END	56 4.9	57 42.9	57 38.9	57 54.1	58 6.8	58 52.2	58 27.4	58 4.0	58 39.3	58 43.7	58 33.8
LONGITUDE END	154 53.5	154 51.5	155 7.0	154 41.7	151 18.5	152 45.4	152 51.5	151 50.3	152 32.4	153 5.6	153 13.1
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	26	44	65	69	11	33	20	31	69	46	53
DURATION IN HOURS	0.67	0.83	0.67	0.42	0.50	0.87	0.92	0.50	0.50	0.50	0.50
DISTANCE FISHED	2.33	2.40	2.30	1.50	1.50	2.60	2.75	1.50	2.00	1.75	1.75
PERFORMANCE / GEAR	0 /783	0 /783	0 /783	0 /783	0 /783	0 /783	0 /783	0 /783	0 /790	0 /790	0 /790
POLLOCK	1.9	2789.0	25837.2	14841.7	464.2	47.6	3591.3	1838.6	264.0	1178.0	416.6
PACIFIC COD	0.0	9.6	406.0	0.0	0.0	0.0	0.0	0.0	209.0	265.0	501.8
PAC OCEAN PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NORTHERN RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEY RKFH	0.0	1.8	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
SHORTSPINE TH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.8
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.0	1.0	6.8
OTHER ROUND FISH	0.0	228.9	1.0	342.6	0.0	25.3	0.0	11.2	39.8	336.6	108.4
TOTAL ROUND FISH	1.9	3029.4	26268.7	15184.3	464.2	72.9	3591.3	1849.8	585.2	1780.6	1035.2
ARROWTOOTH FL	0.0	7.5	0.0	445.7	0.0	0.0	0.0	0.0	418.0	112.0	147.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	7.5	0.0	26.2	0.0	0.0	0.0	0.0	14.0	11.0	28.0
ROCK SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REX SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	1.0	2.4
DOVER SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.0	2.0	2.0
PAC HALIBUT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	238.4	218.6	217.4
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0
TOTAL FLATFISH	0.0	14.9	0.0	471.9	0.0	0.0	0.0	0.0	737.0	344.6	396.8
SKATES	0.0	51.3	0.0	78.6	0.0	0.0	0.0	0.0	39.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0
TOTAL ELASMOBRH	0.0	51.3	0.0	78.6	0.0	0.0	0.0	0.0	67.0	0.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.0	0.0
OTHER INVERTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.2	6.6	20.4
TOTAL INVERTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.8	7.6	20.4
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	1.9	3095.7	26268.7	15734.8	464.2	72.9	3591.3	1849.8	1434.0	2132.8	1452.4

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	1	2	3	4	5	6	7	8	9	10	11
MONTH/DAY/YEAR	3/31/85	4/ 1/85	4/ 1/85	4/ 2/85	4/ 3/85	4/ 4/85	4/ 5/85	4/ 5/85	4/ 7/85	4/ 8/85	4/ 8/85
LATITUDE START	57 53.3	57 54.0	57 33.1	57 11.3	57 17.5	56 55.6	56 33.8	56 36.5	56 23.8	57 43.4	57 43.0
LONGITUDE START	154 53.9	154 48.7	155 0.5	155 11.0	155 45.9	155 35.6	155 33.5	155 43.4	155 50.0	155 2.1	155 4.6
LATITUDE END	57 51.8	57 52.6	57 33.1	57 10.3	57 15.8	56 54.5	56 32.5	56 34.5	56 21.1	57 41.4	57 42.5
LONGITUDE END	154 56.1	154 46.4	154 58.1	155 12.3	155 43.0	155 34.0	155 34.8	155 42.0	155 47.6	155 2.1	155 5.9
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	99	82	72	72	81	84	41	48	16	19	63
DURATION IN HOURS	0.58	0.50	0.50	0.50	0.50	0.50	0.50	0.62	1.16	0.50	0.25
DISTANCE FISHED	1.75	1.50	1.50	1.50	1.50	1.50	1.50	1.85	2.92	2.00	0.75
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	5 /790	0 /783	0 /783	0 /783	0 /783	0 /783
POLLACK	3904.0	155.0	859.0	723.6	505.0	0.0	148.6	198.1	11393.0	482.2	105726.8
PACIFIC COD	93.4	0.0	11.0	9.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC OCEAN PERCH	0.0	0.0	3.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0
NORTHERN RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEY RKFH	27.4	0.0	34.0	38.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0
SHORTSPINE TH	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	5271.2	7048.4	1174.0	1056.4	1623.0	0.0	1.4	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	3.3	33.0	105.4	61.2	206.4	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROUND FISH	981.4	1544.0	2344.2	4413.0	524.0	0.0	8.0	64.2	0.0	0.0	0.0
TOTAL ROUND FISH	10280.7	8780.4	4530.6	6301.2	2922.6	0.0	158.0	262.3	11393.0	482.2	105726.8
ARROWTOOTH FL	5756.9	5286.4	2561.6	1984.6	1233.0	0.0	0.0	30.6	0.0	0.0	0.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	48.3	881.0	186.0	160.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCK SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REX SOLE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
DOVER SOLE	27.4	0.0	2.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	170.2	0.0	111.4	272.8	912.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER FLATFISH	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	6002.8	6167.4	2861.0	2420.0	2173.2	0.0	0.0	30.6	0.0	0.0	0.0
SKATES	434.7	0.0	404.4	543.8	350.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	434.7	0.0	404.4	543.8	350.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	0.0	0.0	5.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	0.0	0.0	132.0	10.0	136.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL INVERTS	0.0	0.0	132.0	15.0	138.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	16718.1	14947.8	7928.0	9280.0	5583.8	0.0	158.0	292.9	11393.0	482.2	105726.8

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	23	24	25	26	27	28	29	30	31	32	33
MONTH/DAY/YEAR	4/22/85	4/22/85	4/22/85	4/23/85	4/23/85	4/23/85	4/23/85	4/23/85	4/23/85	4/24/85	4/24/85
LATITUDE START	58 21.5	58 22.8	58 12.1	58 12.2	57 59.6	57 59.0	57 51.8	57 49.7	57 49.7	57 54.2	57 45.7
LONGITUDE START	153 8.9	153 43.6	153 22.4	154 0.9	153 46.2	154 20.1	154 1.9	154 23.4	154 43.0	154 46.4	155 0.9
LATITUDE END	58 19.8	58 22.1	58 10.6	58 10.4	57 58.2	57 58.2	57 50.8	57 45.6	57 48.9	57 52.9	57 43.2
LONGITUDE END	153 11.1	153 45.9	153 24.6	154 2.8	153 48.7	154 23.0	154 4.2	154 27.0	154 47.3	154 49.5	155 3.2
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	65	60	65	85	68	84	69	63	79	73	168
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.50	2.05	1.95	1.50	1.80	1.70	1.50	1.50	2.40	2.20	2.45
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	336.0	1503.0	368.0	342.0	36.0	362.0	43.0	212.0	83.0	150.0	55.0
PACIFIC COD	20.0	511.0	0.0	40.0	0.0	67.0	22.0	109.0	130.0	701.4	47.0
PAC OCEAN PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
NORTHERN RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEYE RKFH	0.0	4.0	0.0	0.0	0.0	5.0	0.0	18.0	29.8	0.0	0.0
SHORTSPINE TH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	265.4	1.4	552.8	0.0	474.0	1395.0	249.0	1126.0	569.6	16.0	354.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	21.0	4.0	0.0	0.0	24.6	20.0	0.8	14.6	2.6	45.0	9.8
OTHER ROUND FISH	262.6	42.6	258.6	19.0	174.6	311.0	93.8	162.4	200.4	51.6	1940.8
TOTAL ROUND FISH	905.0	2066.0	1179.4	401.0	709.2	2160.0	408.6	1646.0	1015.4	964.0	2406.6
ARROWTOOTH FL	6320.8	508.0	3574.4	64.0	2181.0	350.8	1608.0	2447.0	1969.4	365.0	7980.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	1101.0	301.2	1946.8	308.0	34.0	102.0	140.0	823.0	310.0	91.2	85.0
ROCK SOLE	0.0	2.6	0.0	0.0	4.0	0.0	2.8	1.0	2.0	6.4	0.0
REX SOLE	0.0	0.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.4	0.0
DOVER SOLE	17.4	24.0	6.0	0.0	6.0	6.0	8.0	0.0	0.0	155.6	0.0
PAC HALIBUT	899.4	692.0	145.8	54.2	404.0	334.2	108.4	1009.6	603.8	215.4	701.2
OTHER FLATFISH	55.6	6.0	0.0	0.0	42.0	8.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	8394.2	1534.6	5673.0	426.2	2671.0	1001.2	1867.2	4280.6	2885.2	834.0	8766.2
SKATES	742.2	22.0	2000.2	0.0	960.0	306.4	595.0	191.2	90.0	23.0	932.0
OTHER ELASMOBRH	208.4	0.0	27.6	0.0	14.4	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	950.6	22.0	2027.8	0.0	974.4	306.4	595.0	191.2	90.0	23.0	932.0
TANNER CRAB	0.0	27.6	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	2.0	0.0	0.0	7.0	0.0	3.0	0.0	0.0	0.0	14.0
OTHER INVERTS	394.0	44.0	788.4	24.6	138.0	100.0	89.0	320.0	184.0	7.0	130.0
TOTAL INVERTS	394.0	73.6	788.4	24.6	145.0	100.0	92.0	326.0	184.0	7.0	144.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	10643.8	3696.2	9668.6	851.8	4499.6	3567.6	2962.8	6443.8	4174.6	1828.0	12248.8

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	34	35	36	37	38	39	40	41	42	43	44
MONTH/DAY/YEAR	4/24/85	4/24/85	4/24/85	4/24/85	4/25/85	4/25/85	4/25/85	4/25/85	4/25/85	4/25/85	4/25/85
LATITUDE START	57 35.9	57 29.0	57 19.4	57 24.0	57 28.4	57 19.4	57 7.3	56 56.0	56 46.7	56 50.2	56 55.2
LONGITUDE START	154 58.6	154 51.0	154 58.2	155 11.5	155 35.0	155 46.4	155 29.0	155 5.0	155 19.5	155 41.0	155 57.1
LATITUDE END	57 34.0	57 27.7	57 17.9	57 25.0	57 27.0	57 17.3	57 6.5	56 54.5	56 45.0	56 51.0	56 54.9
LONGITUDE END	154 59.1	154 52.0	154 58.6	155 14.0	155 36.5	155 47.2	155 27.1	155 6.1	155 21.1	155 43.4	155 58.5
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	71	65	63	76	92	79	81	45	63	88	76
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.25
DISTANCE FISHED	1.90	1.50	1.50	1.60	1.75	1.75	1.40	1.50	1.50	1.50	1.40
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	138.0	69.0	50.0	65.2	89.0	269.0	84.0	79.0	35.0	47.4	37.6
PACIFIC COD	386.0	269.0	437.0	84.0	8.0	240.0	41.0	0.0	132.0	0.0	69.6
PAC OCEAN PERCH	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0
NORTHERN RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SHORTRAKER RKFH	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHIE RKFH	15.0	5.0	12.0	50.0	0.0	2.0	8.0	2.0	16.2	24.8	35.6
SHORTSPINE TH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	0.0	0.0	53.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	1765.0	237.0	52.0	1170.0	153.0	194.0	902.0	0.0	0.0	79.6	348.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENAIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	21.4	10.0	194.2	24.0	46.0	173.0	29.0	0.0	15.0	176.2	237.6
OTHER ROUND FISH	840.6	50.0	134.0	5576.0	324.0	914.4	8016.8	174.0	153.0	327.8	642.8
TOTAL ROUND FISH	3216.0	640.0	935.2	6969.2	620.0	1800.4	9080.8	255.0	370.2	655.8	1371.2
ARROWTOOTH FL	3342.0	14875.8	2451.0	2572.0	1738.0	2023.0	872.0	666.0	1446.0	1141.0	1940.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	348.0	60.0	25.0	392.0	34.0	20.0	294.0	80.0	208.0	122.6	38.4
ROCK SOLE	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
REX SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
DOVER SOLE	3.0	0.0	108.0	0.0	0.0	56.0	4.4	0.0	4.6	0.0	113.6
PAC HALIBUT	392.8	1504.6	240.0	53.2	1117.8	1238.0	209.8	5.6	60.8	86.2	1157.6
OTHER FLATFISH	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	4085.8	16440.4	2833.0	3017.2	2889.8	3339.0	1380.2	751.6	1719.4	1349.8	3257.6
SKATES	250.0	300.0	60.0	724.0	514.0	260.0	326.0	0.0	700.0	92.8	728.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.6
TOTAL ELASMOBRH	250.0	300.0	60.0	724.0	514.0	260.0	326.0	0.0	700.0	92.8	747.6
TANNER CRAB	0.0	0.0	0.0	26.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	0.0	0.0	16.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0
OTHER INVERTS	100.0	0.0	72.0	50.0	60.0	312.0	0.0	0.0	56.0	60.0	163.6
TOTAL INVERTS	100.0	0.0	72.0	114.0	60.0	312.0	16.4	0.0	56.0	60.0	163.6
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	7651.8	17380.4	3900.2	10824.4	4083.8	5711.4	10803.4	1006.6	2845.6	2158.4	5540.0

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	43	46	47	48	49	50	51	52	53	54	55
MONTH/DAY/YEAR	4/26/85	4/26/85	4/26/85	4/26/85	4/26/85	4/27/85	4/27/85	4/27/85	4/27/85	4/27/85	4/27/85
LATITUDE START	56 35.8	56 18.3	56 4.7	55 59.6	55 53.0	56 1.1	55 50.4	55 37.4	55 20.1	55 6.9	55 0.0
LONGITUDE START	156 21.0	156 15.4	155 57.1	156 18.5	156 35.7	157 39.8	157 55.8	158 25.6	158 36.0	158 34.5	158 38.7
LATITUDE END	56 34.0	56 17.0	56 2.8	56 0.0	55 52.9	55 59.4	55 48.4	55 36.6	55 18.7	55 5.3	54 59.0
LONGITUDE END	156 22.9	156 14.9	155 58.0	156 15.5	156 30.9	157 39.7	157 56.0	158 27.9	158 36.5	158 34.8	158 37.8
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	60	81	24	63	68	24	32	42	60	63	79
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.33
DISTANCE FISHED	2.15	1.50	2.00	1.50	1.95	1.50	2.00	1.50	1.50	1.50	1.00
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	46.0	166.0	8.0	18.0	19.8	0.0	0.0	34.0	0.0	15.8	0.0
PACIFIC COD	184.0	42.0	4.0	30.0	41.2	4.0	5.0	212.0	0.0	36.2	189.7
PAC OCEAN PERCH	3.0	8.0	0.0	8.0	11.2	0.0	0.0	0.0	0.0	18.0	0.0
NORTHERN RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEY RKFH	80.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	203.0	20.6	0.0
SHORTSPINE TH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	3.6	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0
SABLEFISH	6.0	101.0	0.0	47.0	17.4	288.0	8.0	0.0	88.0	30.2	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	71.0	59.0	2.0	21.4	0.0	3.0	0.0	0.0	0.4	24.0	0.0
OTHER ROUND FISH	0.0	170.0	62.0	0.0	78.4	6.0	0.0	8.0	0.0	24.4	0.9
TOTAL ROUND FISH	393.6	546.0	76.0	128.4	173.0	301.0	13.0	254.0	291.4	180.2	190.6
ARROWTOOTH FL	2291.0	1874.0	0.0	934.0	707.6	0.0	1.0	766.0	1585.8	1743.2	231.8
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	31.0	20.0	4.0	0.0	30.0	0.2	0.0	159.0	1533.2	791.8	272.7
ROCK SOLE	6.0	0.0	1.0	4.0	0.0	16.0	4.0	4.0	3.0	2.2	0.9
REX SOLE	2.0	0.0	0.0	11.0	0.0	0.0	0.0	1.0	4.0	5.4	6.1
DOVER SOLE	51.0	5.6	0.0	3.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	1332.4	356.2	82.8	1354.0	334.0	17.8	3.8	67.6	53.0	684.0	290.9
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	3713.4	2255.8	87.8	2306.0	1077.6	34.0	8.8	993.6	3179.0	3226.6	802.4
SKATES	300.0	680.0	150.8	0.0	0.0	0.0	0.0	0.0	230.0	160.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	300.0	680.0	150.8	0.0	0.0	0.0	0.0	0.0	230.0	160.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	8.0	30.0	0.0	4.0	26.8	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL INVERTS	8.0	30.0	0.0	4.0	26.8	0.0	0.0	0.0	0.0	0.0	0.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	4415.0	3511.8	314.6	2438.4	1277.4	335.0	21.8	1247.6	3700.4	3566.8	993.0

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	56	57	58	59	60	61	62	63	64	65	66
MONTH/DAY/YEAR	4/28/85	4/28/85	4/28/85	4/28/85	4/28/85	4/29/85	4/29/85	4/29/85	4/29/85	4/29/85	4/29/85
LATITUDE START	54 43.1	54 34.4	54 42.6	54 46.4	55 14.7	55 28.1	55 15.1	55 16.6	55 36.0	55 34.1	55 33.9
LONGITUDE START	158 15.4	158 41.1	158 4.5	157 54.7	157 59.3	157 13.5	156 39.8	156 22.8	156 5.2	155 56.0	155 44.9
LATITUDE END	54 42.0	54 35.4	54 43.0	54 47.5	55 15.9	55 28.2	55 15.2	55 16.6	55 35.9	55 34.2	55 34.9
LONGITUDE END	158 15.8	158 39.1	158 6.9	157 52.1	158 0.8	157 12.6	156 37.3	156 20.5	156 2.2	155 53.0	155 47.8
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	69	98	110	63	25	27	66	56	77	59	64
DURATION IN HOURS	0.42	0.50	0.50	0.50	0.50	0.12	0.50	0.42	0.50	0.50	0.50
DISTANCE FISHED	1.25	1.50	1.50	1.50	1.50	0.35	1.50	1.34	1.50	1.50	2.00
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	81.0	238.0	289.0	9.6	0.0	50.0	0.0	4.8	8.6	3.0	1.6
PACIFIC COD	84.5	0.0	0.0	135.0	1095.2	73.3	186.0	113.1	0.0	287.4	80.8
PAC OCEAN PERCH	4254.8	3.0	0.0	119.2	14.2	0.0	48.0	0.0	0.0	9.2	0.0
NORTHERN RKFH	0.0	0.0	0.0	0.0	0.0	0.0	22.0	54.8	0.0	17.4	76.8
SHORTRAKER RKFH	0.0	110.0	40.0	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEYE RKFH	0.0	328.0	76.0	60.0	0.2	0.0	3.0	0.0	104.6	0.2	0.0
SHORTSPINE TH	0.0	202.0	7.0	4.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	4.8	0.0	0.0	0.0	4.2	0.0	64.6	20.2	0.0	47.2	37.8
SABLEFISH	63.1	360.0	0.0	5.0	0.0	0.0	68.0	0.0	8.2	12.2	22.8
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	103.6	76.0	14.0	0.2	2.0	112.5	77.2	117.9	0.0	50.2	12.0
OTHER ROUND FISH	198.8	0.0	0.0	18.0	0.6	8.3	30.0	11.9	43.2	31.4	138.4
TOTAL ROUND FISH	4790.5	1317.0	426.0	363.0	1118.2	244.2	498.8	322.6	164.6	458.2	370.2
ARROWTOOTH FL	510.7	432.0	477.0	346.4	36.6	0.0	3462.0	1900.0	574.6	4040.0	2403.2
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	5.2	0.0	0.0	0.0	3.6	21.4	19.4	77.0
ROCK SOLE	0.0	0.0	0.0	0.0	24.0	20.8	0.0	8.3	2.0	1.0	0.0
REX SOLE	10.7	31.0	62.0	186.2	18.6	0.0	7.6	90.5	8.6	382.2	607.2
DOVER SOLE	26.2	15.0	66.0	18.0	1.2	0.0	12.0	4.8	6.4	8.0	93.2
PAC HALIBUT	3789.8	0.0	0.0	45.0	106.4	165.0	58.8	119.8	10.0	16.4	508.6
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	4337.4	478.0	605.0	600.8	186.8	185.8	3540.4	2126.9	623.0	4467.0	3689.2
SKATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.0	160.0	380.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	17.0	0.0
TOTAL ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	58.0	177.0	380.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	69.0	84.0	57.0	19.8	2.6	0.0	0.0	4.8	0.2	0.0	0.0
OTHER INVERTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0
TOTAL INVERTS	69.0	84.0	57.0	19.8	2.6	0.0	0.0	4.8	11.6	0.0	0.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	9196.9	1879.0	1088.0	983.6	1307.6	430.0	4039.2	2462.6	857.2	5102.2	4439.4

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	67	68	69	70	71	72	73	74	75	76	77
MONTH/DAY/YEAR	4/30/85	4/30/85	4/30/85	4/30/85	4/30/85	4/30/85	4/30/85	5/ 1/85	5/ 1/85	5/ 1/85	5/ 1/85
LATITUDE START	56 10.2	56 4.2	55 57.8	56 4.3	55 47.0	55 44.3	55 41.6	56 10.1	56 9.9	56 8.9	56 9.8
LONGITUDE START	154 51.1	154 59.0	154 52.6	154 52.0	155 12.1	155 7.6	155 18.8	154 3.8	153 55.1	153 49.5	153 45.9
LATITUDE END	56 10.6	56 2.8	55 58.7	56 4.3	55 48.3	55 43.4	55 40.7	56 8.2	56 8.4	56 7.4	56 9.8
LONGITUDE END	154 56.5	155 0.5	154 50.6	154 54.8	155 11.5	155 9.9	155 21.8	154 3.8	153 56.0	153 50.5	153 47.9
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	18	28	61	34	34	63	59	46	67	147	84
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	2.20	1.50	1.50	1.50	1.60	1.45	1.90	1.75	1.50	1.50	1.40
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	1 /790	0 /790
POLLOCK	0.0	104.0	4.0	1273.6	0.0	3.0	0.8	0.0	1274.0	815.0	9564.4
PACIFIC COD	3236.0	239.0	23.0	152.0	14.0	89.2	79.4	693.0	349.0	32.0	166.0
PAC OCEAN PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.6	129.0	130.8
NORTHERN RKFH	0.0	0.0	0.0	0.0	0.0	3.4	143.8	127.0	5.0	2.0	3.2
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEY RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
SHORTSPINE TH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	175.2
OTHER ROCKFISH	0.0	0.0	0.0	0.0	0.0	9.4	64.2	66.0	3.0	0.0	4.0
SABLEFISH	0.0	0.0	3.0	0.0	0.0	6.6	0.8	1.0	28.0	30.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	10.0
GIANT GRENAIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	6.0	0.4	31.0	7.0	22.0	2.0	0.0	18.0	17.0	131.0	199.6
OTHER ROUNDFISH	30.0	0.2	0.0	0.0	0.0	0.0	0.0	98.0	156.0	1.0	12.4
TOTAL ROUNDFISH	3272.0	343.6	61.0	1432.6	36.0	113.6	289.0	1003.0	1879.6	1164.0	10266.4
ARROWTOOTH FL	0.0	111.0	220.0	84.0	251.6	930.4	522.8	392.0	8816.4	6612.0	2957.6
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	27.0	6.0	54.0	0.0	39.4	117.6	63.0	13.0	3.0	0.0
ROCK SOLE	157.0	156.0	7.0	73.0	144.0	41.8	0.0	4.0	0.0	0.0	0.0
REX SOLE	0.0	0.0	210.0	0.0	75.0	67.8	276.4	354.0	94.0	133.0	66.4
DOVER SOLE	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	5.0	5.0	0.0
PAC HALIBUT	51.4	1040.2	47.2	2317.2	478.2	370.6	423.0	393.0	446.4	170.6	666.4
OTHER FLATFISH	0.0	0.0	0.4	38.0	11.0	0.8	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	208.4	1334.2	490.6	2566.2	959.8	1450.8	1341.8	1209.0	9374.8	6923.6	3690.4
SKATES	0.0	0.0	0.0	0.0	0.0	419.0	0.0	190.0	0.0	24.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	0.0	0.0	0.0	12.0	419.0	0.0	190.0	0.0	24.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	2.0	0.0
OTHER INVERTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL INVERTS	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	2.0	0.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	3480.4	1677.8	551.6	3998.8	1007.8	1983.4	1641.8	2402.0	11254.4	8113.6	13956.8

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	78	79	80	81	82	83	84	85	86	87	88
MONTH/DAY/YEAR	5/ 1/85	5/ 2/85	5/ 2/85	5/ 2/85	5/ 2/85	5/ 2/85	5/ 2/85	5/ 3/85	5/ 3/85	5/ 3/85	5/ 3/85
LATITUDE START	56 1.3	56 13.1	56 9.2	56 3.1	55 59.0	56 16.1	56 16.9	56 17.5	56 17.1	56 22.5	56 22.6
LONGITUDE START	153 53.0	153 19.3	153 39.8	153 50.5	153 41.8	153 11.3	153 14.8	152 51.6	152 50.9	152 38.2	152 41.2
LATITUDE END	56 2.5	56 12.0	56 8.9	56 3.9	55 59.0	56 16.1	56 15.8	56 17.6	56 17.3	56 21.0	56 21.2
LONGITUDE END	153 51.3	153 21.5	153 42.3	153 52.9	153 42.1	153 8.4	153 15.5	152 55.1	152 48.2	152 38.7	152 42.0
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	28	82	93	50	24	94	61	55	104	59	75
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.83	0.50	0.42	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.60	1.60	1.50	1.50	0.33	1.60	1.25	1.50	1.50	1.50	1.50
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	3 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	0.0	42.0	312.0	1462.0	0.0	299.0	8497.1	1337.0	0.0	4443.0	269.6
PACIFIC COD	0.0	0.0	5.0	22.0	0.0	46.6	133.3	191.0	0.0	163.0	16.0
PAC OCEAN PERCH	0.0	96.0	59.0	2.0	0.0	33.2	1463.8	0.0	0.0	43.0	68.0
NORTHERN RKFH	44.6	0.0	0.0	12.0	2.4	8.6	875.2	0.0	0.0	24.0	61.6
SHORTRAKER RKFH	0.0	0.0	194.0	0.0	0.0	54.6	0.0	0.0	237.0	0.0	0.0
ROUGHEY RKFH	0.0	0.0	116.0	0.0	0.0	103.6	0.0	0.0	194.0	0.0	0.0
SHORTSPINE TH	0.0	85.0	794.0	0.0	0.0	762.0	7.1	0.0	419.0	0.0	454.4
OTHER ROCKFISH	0.0	9.0	0.0	0.0	0.0	3.0	11107.6	0.0	0.0	32.0	0.0
SABLEFISH	0.0	21.0	69.0	0.0	0.0	111.0	0.0	23.0	77.0	64.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	6.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	249.0	0.0	0.0
SCULPINS	0.4	0.0	44.0	0.0	0.0	32.4	179.0	0.2	0.0	2.0	1.2
OTHER ROUNDFISH	0.0	19.0	0.0	40.0	1.0	0.4	351.7	46.6	0.4	0.0	0.0
TOTAL ROUNDFISH	45.0	272.0	1593.0	1538.0	3.4	1454.4	22615.0	1597.8	1176.4	4783.0	876.8
ARROWTOOTH FL	2.6	4887.0	1090.0	2250.0	0.0	1506.4	560.0	583.0	4046.0	1131.0	1616.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	13.0	0.0	29.0	73.3	67.0	11.0	36.0	104.0
ROCK SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REX SOLE	0.0	92.0	301.0	2062.0	1.2	424.6	89.5	213.0	74.0	413.0	481.6
DOVER SOLE	0.0	165.0	144.0	0.0	0.0	207.0	31.4	91.0	2331.0	19.0	323.2
PAC HALIBUT	19.8	757.6	170.2	305.0	0.0	933.4	76.9	286.6	1186.8	425.8	773.2
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	22.4	5901.6	1705.2	4630.0	1.2	3100.4	831.2	1240.6	7648.8	2024.8	3298.0
SKATES	0.0	0.0	0.0	170.0	0.0	23.4	98.6	150.0	60.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
TOTAL ELASMOBRH	0.0	0.0	0.0	170.0	0.0	23.4	98.6	150.0	60.0	3.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	0.0	0.0	0.0	0.0	16.4	83.8	27.0	20.0	10.0	13.4
OTHER INVERTS	6.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	11.0	0.0
TOTAL INVERTS	6.0	0.0	0.0	0.0	0.0	22.4	83.8	27.0	20.0	21.0	13.4
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	73.4	6173.6	3298.2	6338.0	4.6	4600.6	23628.6	3015.4	8905.2	6831.8	4188.2

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	89	90	91	92	93	94	95	96	97	98	99
MONTH/DAY/YEAR	5/ 3/85	5/ 3/85	5/ 3/85	5/ 3/85	5/ 4/85	5/ 4/85	5/ 4/85	5/ 4/85	5/ 4/85	5/ 4/85	5/ 4/85
LATITUDE START	56 28.8	56 23.8	56 27.0	56 31.9	56 30.3	56 30.6	56 26.4	56 31.3	56 33.6	56 42.4	56 46.7
LONGITUDE START	152 38.0	152 35.6	152 34.0	152 33.3	152 11.6	152 10.3	152 15.9	152 14.5	152 18.5	152 26.1	152 24.9
LATITUDE END	56 28.5	56 22.8	56 28.5	56 33.2	56 30.4	56 30.6	56 26.9	56 30.0	56 33.4	56 41.5	56 48.0
LONGITUDE END	152 37.6	152 37.8	152 33.5	152 31.9	152 12.0	152 10.3	152 13.2	152 13.0	152 17.6	152 23.9	152 26.2
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	34	87	84	60	34	34	125	34	36	56	52
DURATION IN HOURS	0.17	0.50	0.50	0.50	0.08	0.02	0.50	0.50	0.33	0.50	0.50
DISTANCE FISHED	0.50	1.60	1.50	1.50	0.25	0.05	1.50	1.50	1.00	1.50	1.60
PERFORMANCE / GEAR	5 /790	0 /790	0 /790	0 /790	1 /790	6 /790	0 /790	5 /790	5 /790	0 /790	0 /790
POLLOCK	0.0	163.2	35.0	339.4	0.0	0.0	65.0	0.0	0.0	62.8	30.4
PACIFIC COD	0.0	52.8	74.4	175.6	50.0	0.0	0.0	0.0	4.5	0.0	0.0
PAC OCEAN PERCH	0.0	27.4	101.2	16.2	9411.3	450.0	0.0	0.0	0.0	0.0	14.4
NORTHERN RKFH	0.0	63.2	5.4	6.8	13193.8	2500.0	0.0	0.0	30.9	14.8	56.0
SHORTRAKER RKFH	0.0	59.2	38.0	0.0	0.0	0.0	380.0	0.0	0.0	0.0	0.0
ROUGHEYE RKFH	0.0	21.2	0.0	0.0	0.0	0.0	41.0	0.0	0.0	38.6	0.0
SHORTSPINE TH	0.0	194.0	555.2	9.4	0.0	0.0	150.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	0.0	11.0	4.0	2.0	181.3	900.0	0.0	0.0	29.1	9.4	0.0
SABLEFISH	0.0	42.4	39.2	108.4	0.0	0.0	458.0	0.0	0.0	15.2	0.0
ATKA MACKEREL	0.0	0.0	0.0	5.0	700.0	6800.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	103.0	0.0	0.0	0.0	0.0
SCULPINS	0.0	5.6	27.6	0.0	0.0	0.0	5.0	0.0	1.8	20.6	48.2
OTHER ROUNDFISH	0.0	0.0	0.0	21.0	102.5	0.0	0.0	0.0	0.0	22.0	144.0
TOTAL ROUNDFISH	0.0	640.0	880.0	683.8	23638.8	10650.0	1202.0	0.0	66.4	183.4	293.0
ARROWTOOTH FL	0.0	957.0	3097.2	1452.8	0.0	0.0	368.0	0.0	18.2	3621.2	5041.6
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	19.6	5.2	15.2	0.0	0.0	0.0	0.0	27.6	109.6	899.0
ROCK SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.1	2.0	0.0
REX SOLE	0.0	86.8	958.6	620.4	0.0	0.0	9.0	0.0	0.0	38.8	44.4
DOVER SOLE	0.0	131.6	316.0	172.0	0.0	0.0	546.0	0.0	0.0	24.4	2.0
PAC HALIBUT	0.0	279.2	141.0	31.8	0.0	0.0	571.6	0.0	0.0	281.2	175.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	0.0	1474.2	4518.0	2292.2	0.0	0.0	1494.6	0.0	104.8	4077.2	6162.0
SKATES	0.0	0.0	0.0	280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
TOTAL ELASMOBRH	0.0	0.0	0.0	280.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
TANNER CRAB	0.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	173.0	130.4	126.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0
OTHER INVERTS	0.0	0.0	0.0	0.0	0.0	0.0	148.0	0.0	0.0	0.0	10.0
TOTAL INVERTS	0.0	180.6	130.4	126.0	0.0	0.0	182.0	0.0	0.0	0.0	10.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	0.0	2294.8	5528.4	3382.0	23638.8	10650.0	2878.6	0.0	171.2	4263.6	6465.0

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	100	101	102	103	104	105	106	107	108	109	110
MONTH/DAY/YEAR	5/ 4/85	5/ 4/85	5/ 5/85	5/ 5/85	5/ 5/85	5/ 5/85	5/ 5/85	5/ 5/85	5/ 5/85	5/ 6/85	5/ 6/85
LATITUDE START	57 1.0	57 8.6	56 40.7	56 48.5	56 53.2	56 57.5	57 9.0	57 26.0	57 29.6	57 1.7	57 9.8
LONGITUDE START	152 37.4	152 44.0	153 9.8	153 14.5	153 20.4	152 59.5	152 27.6	151 53.1	151 34.6	151 33.8	151 13.8
LATITUDE END	57 2.3	57 7.1	56 39.4	56 50.0	56 54.0	56 57.0	57 9.8	57 24.6	57 28.7	57 3.3	57 10.3
LONGITUDE END	152 37.0	152 44.0	153 8.2	153 13.0	153 17.7	153 2.1	152 25.3	151 54.6	151 31.6	151 33.8	151 13.5
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	48	48	48	55	50	42	44	22	50	45	34
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.12
DISTANCE FISHED	1.45	1.50	1.55	1.55	1.60	1.50	1.50	1.60	1.90	1.55	1.50
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	5 /790
POLLOCK	242.4	2183.2	108.0	811.0	1449.0	480.0	15564.0	0.4	71.2	1104.0	0.0
PACIFIC COD	164.8	243.6	90.0	446.0	883.0	130.0	240.0	1794.0	164.0	31.0	0.0
PAC OCEAN PERCH	38.4	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8
NORTHERN RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4300.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEYE RKFH	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SHORTSPINE TH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	36.8	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	358.3
SABLEFISH	0.0	2.0	16.0	15.0	6.0	36.0	0.0	0.0	0.0	11.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	0.0	0.0	0.0	36.0	483.0	162.0	0.0	7.0	11.4	0.0	0.0
OTHER ROUNDFISH	18.2	39.6	2.6	20.0	22.2	4.0	0.0	0.0	0.0	60.0	0.0
TOTAL ROUNDFISH	500.6	2470.4	216.6	1351.0	2847.2	812.0	15804.0	2001.4	246.6	1206.0	4679.2
ARROWTOOTH FL	8608.0	1745.6	1330.0	1248.0	508.0	3918.0	2940.0	0.0	1065.2	3636.0	0.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	4408.0	794.4	1404.0	1634.0	230.0	2324.0	1928.0	0.0	539.4	206.0	0.0
ROCK SOLE	0.0	1.2	2.0	8.0	6.0	64.0	0.0	279.2	21.4	132.0	0.0
REX SOLE	0.0	0.0	4.0	8.0	3.0	8.0	12.0	0.0	28.4	440.0	0.0
DOVER SOLE	0.0	0.0	0.0	3.0	1.0	1.0	48.0	0.0	3.4	100.0	0.0
PAC HALIBUT	315.0	981.4	1924.4	505.2	77.2	447.8	2623.6	621.0	361.2	851.8	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	62.0	372.0	5.4	18.4	2.0	0.0
TOTAL FLATFISH	13331.0	3522.6	4664.4	3406.2	825.2	6824.8	7923.6	905.6	2037.4	5367.8	0.0
SKATES	352.0	100.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	352.0	100.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER CRAB	0.0	28.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	8.0	0.0	0.0	4.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL INVERTS	8.0	28.4	0.0	4.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	14191.6	6121.4	4971.0	4761.2	3715.4	7636.8	23727.6	2907.0	2284.0	6573.8	4679.2

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	111	112	113	114	115	116	117	118	119	120	121
MONTH/DAY/YEAR	5/ 6/85	5/ 6/85	5/ 6/85	5/ 6/85	5/ 7/85	5/ 7/85	5/ 8/85	5/ 8/85	5/ 8/85	5/ 8/85	5/ 8/85
LATITUDE START	57 13.3	57 28.7	57 50.5	57 56.0	58 13.3	58 20.3	58 53.0	58 59.7	59 11.8	59 11.4	59 8.7
LONGITUDE START	151 0.0	150 24.1	150 4.6	150 1.0	148 47.3	148 34.0	148 44.1	148 34.5	148 40.6	148 6.8	147 47.5
LATITUDE END	57 14.3	57 29.6	57 51.6	57 56.1	58 14.7	58 22.3	58 54.9	59 0.6	59 11.8	59 12.0	59 7.4
LONGITUDE END	150 57.8	150 22.0	150 6.3	149 59.0	148 46.3	148 34.0	148 45.0	148 32.8	148 43.6	148 4.1	147 46.1
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	63	63	63	81	109	104	90	74	40	49	66
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.50	1.50	1.60	1.60	1.50	1.50	1.70	1.55	1.50	1.50	1.50
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	240.0	234.8	134.0	92.6	120.0	0.0	0.0	34.0	0.0	110.4	359.2
PACIFIC COD	177.0	69.4	118.0	3.8	0.0	0.0	0.0	206.0	841.0	113.4	116.6
PAC OCEAN PERCH	206.0	0.0	0.0	104.6	0.0	8.0	2.0	387.0	63.0	0.0	0.8
NORTHERN RKFH	476.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	78.0	14.0	26.0	0.0	0.0	0.0	0.0
ROUGHEY RKFH	15.0	0.0	0.0	0.0	868.0	46.0	3.0	0.0	0.0	0.0	3.0
SHORTSPINE TH	18.0	0.0	0.0	249.0	236.0	404.0	388.0	2.0	0.0	0.0	0.0
OTHER ROCKFISH	373.0	0.0	0.0	2.2	0.0	0.0	0.0	13.0	16.0	0.0	0.0
SABLEFISH	0.0	0.0	7.2	276.2	3736.0	750.0	730.0	805.0	4.0	0.0	82.6
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	81.0	0.0	0.0	147.6	0.0	0.0	0.0	0.2	0.0	0.0	0.0
OTHER ROUND FISH	2.0	0.0	30.4	33.6	0.0	0.0	100.0	322.0	41.0	15.8	36.6
TOTAL ROUND FISH	1588.0	304.2	289.6	909.6	5038.0	1222.0	1249.0	1769.2	972.0	239.6	598.8
ARROWTOOTH FL	582.0	1823.4	1381.2	1690.4	1400.0	2247.0	3566.0	2038.0	411.0	565.2	602.6
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	11.0	30.0	93.2	19.8	0.0	0.0	70.0	142.0	48.0	7.2	31.0
ROCK SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REX SOLE	130.0	811.0	790.4	364.8	0.0	46.0	382.0	204.0	22.0	46.8	122.8
DOVER SOLE	103.0	193.4	36.4	114.0	11036.0	5236.0	264.0	89.8	2.0	3.4	57.6
PAC HALIBUT	151.4	758.6	231.6	602.0	42.6	73.6	723.4	269.4	249.6	484.8	202.8
OTHER FLATFISH	0.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	977.4	3629.8	2532.8	2791.0	12478.6	7602.6	5005.4	2743.2	732.6	1107.4	1016.8
SKATES	0.0	0.0	0.0	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6	0.0
TOTAL ELASMOBRH	0.0	0.0	0.0	14.2	0.0	0.0	0.0	0.0	0.0	21.6	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	78.0	36.4	8.6	0.0	152.0	54.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	0.2	0.0	0.0	8.0	0.0	0.0	4.0	8.0	0.0	0.0	0.0
TOTAL INVERTS	78.2	36.4	8.6	8.0	152.0	54.0	4.0	8.0	0.0	0.0	0.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	2643.6	3970.4	2831.0	3722.8	17668.6	8878.6	6258.4	4520.4	1704.6	1368.6	1615.6

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	122	123	124	125	126	127	128	129	130	131	132
MONTH/DAY/YEAR	5/ 8/85	5/ 8/85	5/ 9/85	5/ 9/85	5/ 9/85	5/ 9/85	5/ 9/85	5/10/85	5/10/85	5/10/85	5/10/85
LATITUDE START	59 2.7	58 55.0	58 42.3	58 49.0	59 0.5	58 57.1	59 5.5	58 48.1	58 39.9	58 37.6	58 29.6
LONGITUDE START	147 44.5	148 10.0	148 50.8	148 57.2	149 13.8	149 25.3	149 34.5	150 55.8	150 35.1	150 15.8	149 47.1
LATITUDE END	59 2.1	58 54.5	58 42.1	58 50.4	58 59.0	58 58.5	59 3.9	58 47.1	58 41.0	58 36.8	58 28.8
LONGITUDE END	147 47.3	148 12.5	148 47.1	148 56.8	149 14.3	149 25.3	149 33.6	150 58.3	150 33.0	150 13.5	149 45.6
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	106	91	73	79	67	79	68	51	69	39	40
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.55	1.50	1.50	1.50	1.50	1.50	1.69	1.70	1.50	1.50	1.50
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	156.4	8.0	0.0	85.8	12.6	84.8	69.2	65.0	78.0	877.0	176.0
PACIFIC COD	0.0	0.0	12.0	72.0	8.8	17.2	140.0	340.0	54.6	359.0	54.0
PAC OCEAN PERCH	54.0	2966.6	54.0	27.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0
NORTHERN RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	194.0	38.0
SHORTRAKER RKFH	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEYE RKFH	464.0	74.6	5.0	7.0	0.0	78.2	93.2	0.0	7.6	0.0	0.0
SHORTSPINE TH	740.8	755.2	62.0	0.0	1.4	38.4	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	11.6	70.0	0.0
SABLEFISH	812.4	29.0	658.0	2161.0	131.8	140.0	169.6	65.0	81.2	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	169.2	155.8	0.0	0.0	20.6	0.0	0.4	4.0	0.0	38.0	5.0
OTHER ROUND FISH	0.0	0.0	0.0	33.0	24.0	51.8	5.6	5.4	0.0	26.0	5.0
TOTAL ROUND FISH	2404.8	3989.2	805.0	2385.8	199.2	410.4	478.0	479.4	233.0	1577.0	278.0
ARROWTOOTH FL	4534.8	5071.6	3830.0	8600.6	329.6	2861.8	2867.0	942.0	7600.0	665.0	126.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	39.6	9.0	10.6	267.4	48.0	31.2	47.0	16.0
ROCK SOLE	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	11.0	6.0
REX SOLE	68.4	0.0	258.0	105.6	9.6	9.6	26.2	16.0	23.2	73.0	6.0
DOVER SOLE	698.4	25.4	42.0	13.2	13.6	10.8	48.0	13.0	39.2	46.0	2.0
PAC HALIBUT	65.2	712.2	1942.6	1203.8	103.0	249.0	245.6	295.2	1464.0	317.4	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	5366.8	5809.2	6072.6	9966.0	464.8	3141.8	3454.2	1314.2	9157.6	1159.4	156.0
SKATES	0.0	0.0	20.0	0.0	0.0	25.2	0.0	0.0	0.0	18.0	0.0
OTHER ELASMOBRH	0.0	0.0	12.0	0.0	0.0	27.2	14.0	0.0	48.0	12.0	0.0
TOTAL ELASMOBRH	0.0	0.0	32.0	0.0	0.0	52.4	14.0	0.0	48.0	30.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	16.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	0.0	0.0	0.0	0.0	0.0	103.6	0.0	0.0	0.0	0.0	0.6
TOTAL INVERTS	16.0	14.0	0.0	0.0	0.0	109.0	0.0	0.0	0.0	0.0	0.6
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	7787.6	9812.4	6909.6	12351.8	664.0	3713.6	3946.2	1793.6	9438.6	2766.4	434.6

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	133	134	135	136	137	138	139	140	141	142	143
MONTH/DAY/YEAR	5/10/85	5/10/85	5/11/85	5/11/85	5/11/85	5/11/85	5/11/85	5/11/85	5/11/85	5/11/85	5/16/85
LATITUDE START	58 5.8	58 6.4	58 32.2	58 26.4	58 18.0	58 7.9	58 4.7	57 49.0	57 46.5	57 53.1	58 2.2
LONGITUDE START	149 32.0	149 54.3	151 34.1	151 25.8	151 5.5	150 52.1	150 19.8	150 20.5	150 47.8	151 9.6	150 7.5
LATITUDE END	58 5.8	58 5.5	58 30.8	58 25.0	58 16.9	58 6.6	58 4.7	57 49.0	57 46.4	57 54.6	57 59.3
LONGITUDE END	149 35.3	149 57.0	151 32.0	151 26.0	151 3.0	150 50.8	150 17.0	150 21.0	150 50.3	151 14.5	150 4.8
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	61	93	56	51	39	49	66	34	25	24	139
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.08	0.50	0.50	1.00
DISTANCE FISHED	1.75	1.60	1.70	1.70	1.60	1.50	1.60	0.29	1.75	3.00	3.00
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	1 /790	1 /790	1 /790
POLLOCK	636.0	45.2	67.0	131.0	169.0	745.0	28.2	0.0	0.0	54.8	81.6
PACIFIC COD	288.8	90.0	29.0	186.0	74.0	525.0	87.0	66.3	3.8	637.4	156.2
PAC OCEAN PERCH	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
NORTHERN RKFH	0.0	0.0	0.0	2.0	0.0	0.0	0.0	165.0	0.0	0.4	3.6
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHIE RKFH	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SHORTSPINE TH	0.0	94.4	0.0	0.0	0.0	0.0	16.6	0.0	0.0	0.0	53.0
OTHER ROCKFISH	0.0	0.0	0.0	0.0	0.0	6.0	0.0	21.3	0.0	0.0	0.0
SABLEFISH	1092.8	2304.4	0.0	0.0	0.0	4.0	152.8	0.0	0.0	0.0	408.4
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENAIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	0.0	31.6	0.0	56.0	83.0	19.0	20.6	52.5	107.6	1203.8	8.7
OTHER ROUND FISH	0.0	0.0	7.0	2.6	0.4	13.0	0.0	28.8	4.2	12.8	0.0
TOTAL ROUND FISH	2017.6	2570.0	103.0	377.6	326.4	1315.0	305.2	333.7	115.6	1909.2	711.5
ARROWTOOTH FL	12759.2	4998.8	352.0	347.0	371.0	834.0	7266.4	116.3	3.0	31.8	2247.6
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	1225.6	179.2	23.0	105.0	286.0	785.0	150.8	0.0	0.0	1.6	62.6
ROCK SOLE	0.0	0.0	0.0	0.0	677.0	43.0	5.2	38.8	36.6	123.6	0.0
REX SOLE	724.0	504.0	28.0	50.0	43.0	383.0	541.2	0.0	0.0	0.0	343.6
DOVER SOLE	120.0	34.8	15.0	19.0	8.0	399.0	186.4	0.0	0.4	0.4	55.6
PAC HALIBUT	876.0	5909.8	32.8	756.2	674.4	78.2	1071.4	0.0	109.0	969.0	355.4
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	19.0	0.8
TOTAL FLATFISH	15704.8	11626.6	450.8	1277.2	2059.4	2546.2	9221.4	155.0	149.0	1145.4	3065.6
SKATES	0.0	80.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	55.4	0.0
OTHER ELASMOBRH	36.0	3.0	28.0	0.0	0.0	37.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	36.0	83.0	62.0	0.0	0.0	37.0	0.0	0.0	0.0	55.4	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.4
OTHER INVERTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	47.4	0.8
TOTAL INVERTS	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	47.4	1.2
QOTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	17758.4	14279.6	615.8	1654.8	2387.0	3898.2	9526.6	488.8	264.6	3157.4	3778.3

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	144	145	146	147	148	149	150	151	152	153	154
MONTH/DAY/YEAR	5/17/85	5/18/85	5/19/85	5/20/85	5/21/85	5/22/85	5/23/85	5/24/85	5/25/85	5/26/85	5/27/85
LATITUDE START	58 16.0	59 23.5	58 41.2	59 2.3	58 22.1	58 3.7	57 29.4	57 0.8	56 15.5	55 41.2	56 49.0
LONGITUDE START	148 41.5	149 3.6	150 30.5	151 58.0	153 8.4	153 37.0	154 50.5	155 4.8	153 12.2	155 16.4	155 18.3
LATITUDE END	58 17.8	59 25.6	58 37.8	59 4.7	58 19.1	58 1.5	57 26.5	56 57.3	56 12.8	55 40.8	56 45.5
LONGITUDE END	148 36.0	149 7.8	150 30.8	152 4.7	153 12.6	153 42.5	154 54.8	155 7.5	153 15.0	155 18.7	155 19.2
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	139	118	118	111	117	137	125	114	128	120	128
DURATION IN HOURS	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.33	1.00
DISTANCE FISHED	3.40	3.00	3.70	3.50	3.60	3.60	3.70	3.70	3.00	1.17	3.50
PERFORMANCE / GEAR	1 /790	1 /790	1 /790	1 /790	1 /790	1 /790	1 /790	1 /790	1 /790	1 /790	1 /790
POLLOCK	17.0	7.7	31.0	1794.1	2961.2	75.4	31.2	66.6	1673.4	74.5	30.0
PACIFIC COD	167.0	93.0	29.0	169.5	556.4	0.0	86.8	62.0	37.8	166.7	74.0
PAC OCEAN PERCH	776.0	0.0	0.5	0.0	0.0	0.0	0.0	369.0	147.4	147.0	11.5
NORTHERN RKFH	91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	204.2	690.3	0.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7	15.0	0.0	133.0
ROUGHIEYE RKFH	36.0	10.9	101.0	0.0	21.8	0.0	0.0	21.0	5.4	9.1	56.5
SHORTSPINE TH	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	40.3	0.0
OTHER ROCKFISH	39.0	0.0	3.0	0.0	0.0	0.0	0.0	94.0	98.6	671.5	41.0
SABLEFISH	2768.0	9.1	139.0	0.0	781.0	1789.6	200.8	5.6	24.4	27.9	78.5
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	18.5	0.1	0.0	84.2	0.0	16.8	39.6	16.7	0.0	43.0	0.5
OTHER ROUND FISH	9.0	17.4	8.0	0.0	10.0	20.2	26.4	100.6	0.0	102.1	71.8
TOTAL ROUND FISH	3931.5	138.2	311.5	2047.8	4330.4	1902.0	384.8	746.2	2209.2	1972.4	496.8
ARROWTOOTH FL	1464.0	915.5	669.0	83.5	1734.6	1155.8	4979.2	1802.9	650.8	1078.5	6076.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	4.0	86.5	61.5	3.5	1013.4	144.4	24.8	276.4	67.8	146.7	291.5
ROCK SOLE	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REX SOLE	259.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	43.8	940.6	13.5
DOVER SOLE	725.0	6.6	23.0	29.5	0.0	15.0	24.0	17.6	76.0	17.6	29.5
PAC HALIBUT	876.9	387.8	310.0	491.5	101.3	174.3	707.4	197.4	483.9	341.8	259.2
OTHER FLATFISH	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	3328.9	1425.4	1063.5	622.0	2849.3	1489.5	5735.4	2294.3	1322.3	2525.2	6669.7
SKATES	0.0	3.3	85.8	38.0	55.0	0.0	189.0	172.0	3.0	13.9	481.0
OTHER ELASMOBRH	0.0	11.4	169.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	14.7	254.8	42.0	55.0	0.0	189.0	172.0	3.0	13.9	481.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	16.4	0.0	0.0	0.0	4.1	6.0	0.0	93.4	0.0	0.0
OTHER INVERTS	0.0	87.2	0.0	0.0	245.0	77.0	1.2	20.3	0.0	0.0	171.0
TOTAL INVERTS	0.0	103.6	0.0	0.0	245.0	81.1	7.2	20.3	93.4	0.0	171.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	7260.4	1681.9	1629.8	2711.8	7479.7	3472.6	6316.4	3232.8	3627.9	4511.5	7818.5

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	155	156	157	158	159	160	161	162	163	164	165
MONTH/DAY/YEAR	5/28/85	5/29/85	5/30/85	5/31/85	6/ 1/85	6/ 2/85	6/ 2/85	6/ 3/85	6/ 4/85	6/ 5/85	6/ 6/85
LATITUDE START	55 52.4	55 24.1	55 48.0	54 50.0	53 15.0	54 29.9	54 28.8	54 18.7	54 10.0	53 58.7	53 43.0
LONGITUDE START	156 42.0	155 52.0	157 52.0	157 45.0	158 41.3	159 3.1	159 18.7	160 41.7	162 35.7	163 14.9	164 35.0
LATITUDE END	55 54.7	55 22.6	55 47.2	54 51.9	53 13.1	54 29.7	54 27.0	54 20.0	54 10.0	53 59.5	53 43.0
LONGITUDE END	156 37.0	155 58.0	157 49.6	157 39.7	158 46.4	159 3.5	159 23.9	160 34.2	162 38.9	163 9.9	164 41.1
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	115	111	71	124	109	126	109	134	128	111	118
DURATION IN HOURS	1.00	1.00	0.50	1.00	1.00	0.08	1.00	1.00	1.16	0.92	1.00
DISTANCE FISHED	3.60	3.50	1.75	3.60	3.50	0.24	3.50	3.50	3.00	3.00	3.50
PERFORMANCE / GEAR	1 /790	0 /790	1 /790	0 /790	0 /790	5 /790	0 /790	0 /790	0 /790	1 /790	0 /790
POLLOCK	24.0	36.0	0.0	3207.0	0.0	27.5	0.0	121.0	112.8	19.2	79.3
PACIFIC COD	95.0	236.8	233.6	58.0	20.4	70.0	123.8	181.5	14.7	17.0	35.3
PAC OCEAN PERCH	1.0	3264.8	0.0	240.0	0.0	1140.0	29.4	1100.0	572.2	767.9	111.7
NORTHERN RKFH	0.0	162.0	0.0	96.0	0.0	62.5	22.4	38.0	2.7	11.7	115.5
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.0	94.8	0.0	0.0
ROUGHEYE RKFH	4.0	0.0	3.0	0.0	10.4	28.8	0.0	0.0	0.0	1.6	0.0
SHORTSPINE TH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.6	1421.8	0.0	82.1
OTHER ROCKFISH	0.0	327.6	2.0	12.0	0.0	45.0	0.0	1.0	6.8	4.8	15.0
SABLEFISH	21.5	250.8	0.0	26.0	447.2	63.8	8.5	551.5	413.8	5.4	100.2
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	579.3	0.0	35.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	460.0	0.0	0.0
SCULPINS	39.0	3.6	0.0	34.6	43.2	395.0	0.2	50.3	196.6	0.4	2.0
OTHER ROUNDFISH	65.5	83.6	0.0	0.6	30.5	26.3	0.0	20.0	0.1	1.7	1.0
TOTAL ROUNDFISH	250.0	4365.2	238.6	3674.2	561.3	1858.7	184.3	2132.9	3875.6	829.9	577.1
ARROWTOOTH FL	520.0	253.9	265.8	553.0	2606.0	1352.5	2567.0	1115.0	313.9	16.6	356.8
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	41.0	0.0	19.4	22.0	576.0	131.3	14.6	0.0	0.0	0.0	0.6
ROCK SOLE	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
REX SOLE	29.5	901.2	6.8	165.0	0.0	512.5	86.8	32.5	43.4	5.1	464.3
DOVER SOLE	4.0	64.4	3.2	41.0	5.2	103.8	24.4	31.5	29.3	0.0	0.0
PAC HALIBUT	107.6	1442.1	91.0	15.8	129.2	371.3	392.5	75.9	154.1	17.2	72.5
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	702.9	2661.6	386.2	796.8	3316.4	2471.3	3085.3	1254.9	540.7	48.9	894.2
SKATES	0.0	0.0	0.0	0.0	280.0	0.0	0.0	0.0	0.0	0.0	158.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	93.9
TOTAL ELASMOBRH	0.0	0.0	0.0	0.0	280.0	0.0	9.7	0.0	0.0	0.0	251.9
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.4
OTHER INVERTS	50.5	4.5	0.0	0.0	235.2	3.8	0.0	0.0	0.0	7.6	0.0
TOTAL INVERTS	50.5	4.5	0.0	0.0	235.2	3.8	0.0	0.0	0.0	7.6	92.4
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	1003.4	7031.3	624.8	4471.0	4392.9	4333.8	3279.3	3387.8	4416.3	886.4	1815.6

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	166	167	168	169	170	171	172	173	174	175	176
MONTH/DAY/YEAR	6/ 7/85	6/ 8/85	6/ 8/85	6/ 8/85	6/ 8/85	6/ 9/85	6/ 9/85	6/ 9/85	6/ 9/85	6/ 9/85	6/11/85
LATITUDE START	53 18.4	52 58.6	53 6.7	53 8.0	53 21.7	53 40.9	53 46.7	54 4.6	54 11.1	54 12.1	52 33.1
LONGITUDE START	166 23.0	168 15.5	168 57.7	168 55.1	168 34.5	167 18.2	167 16.4	166 21.4	166 15.3	166 14.0	169 37.9
LATITUDE END	53 16.9	52 57.9	53 6.5	53 7.9	53 23.3	53 39.1	53 44.8	54 4.6	54 10.4	54 11.7	52 32.9
LONGITUDE END	166 28.0	168 16.9	168 57.2	168 55.1	168 32.8	167 17.3	167 16.6	166 23.9	166 17.9	166 16.9	169 39.6
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	164	60	74	0	48	52	89	49	98	153	89
DURATION IN HOURS	1.00	0.25	0.15	0.00	0.50	0.50	0.50	0.50	0.50	0.50	0.33
DISTANCE FISHED	3.50	1.05	0.48	0.00	1.80	1.80	1.90	1.60	1.75	1.60	1.13
PERFORMANCE / GEAR	0 /790	0 /790	5 /790	5 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	4.4	3261.6	433.3	0.0	24.0	4435.6	903.2	12385.2	1473.0	209.0	26.7
PACIFIC COD	0.0	331.2	313.3	0.0	788.0	274.0	404.0	50.8	170.0	108.0	333.9
PAC OCEAN PERCH	47.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	192.0	0.0
NORTHERN RKFH	2.5	11.2	10.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	3.6
SHORTRAKER RKFH	50.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0
ROUGHEYE RKFH	106.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0
SHORTSPINE TH	87.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0
OTHER ROCKFISH	0.0	0.0	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	458.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	47.0	0.0
ATKA MACKEREL	0.0	4.0	0.0	0.0	2.0	2.0	0.0	4.6	0.0	0.0	8.8
GIANT GRENADIER	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	8.3	29.2	3.3	0.0	31.4	40.0	0.4	63.4	42.0	35.4	53.6
OTHER ROUND FISH	0.5	6.0	0.0	0.0	0.4	0.0	0.6	0.0	1.0	14.6	0.3
TOTAL ROUND FISH	778.0	3645.6	786.7	0.0	845.8	4751.6	1308.2	12504.0	1698.0	714.0	427.0
ARROWTOOTH FL	94.1	80.0	0.0	0.0	16.0	15.0	168.0	30.8	173.0	58.0	20.3
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.5	0.0	0.0	0.0	0.0	42.4	28.0	4.2	2.0	0.0	0.0
ROCK SOLE	0.0	78.4	36.7	0.0	0.0	64.0	2.0	54.6	0.0	5.0	48.5
REX SOLE	74.4	0.0	0.0	0.0	2.0	2.2	50.0	0.0	18.0	50.0	0.0
DOVER SOLE	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	17.5	0.0	0.0	0.0	209.4	82.0	132.2	2.4	0.0	0.0	439.4
OTHER FLATFISH	0.0	0.0	6.7	0.0	229.0	0.0	0.4	0.0	69.0	59.0	0.0
TOTAL FLATFISH	187.5	158.4	43.3	0.0	456.4	205.6	400.6	92.0	262.0	172.0	508.2
SKATES	0.0	4.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	4.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	84.6	0.0	0.0	0.0	0.0	0.8	35.4	9.0	4.0	13.0	0.0
OTHER INVERTS	0.8	22.0	200.0	0.0	0.0	0.0	4.0	0.0	0.0	6.0	23.0
TOTAL INVERTS	85.4	22.0	200.0	0.0	0.0	0.8	39.4	9.0	4.0	19.0	23.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	1050.9	3830.0	1030.0	0.0	1302.2	4958.0	1748.2	12665.0	1964.0	905.0	958.2

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	177	178	179	180	181	182	183	184	185	186	187
MONTH/DAY/YEAR	6/11/85	6/11/85	6/11/85	6/11/85	6/11/85	6/11/85	6/12/85	6/12/85	6/12/85	6/12/85	6/12/85
LATITUDE START	52 31.9	52 30.2	52 27.0	52 28.5	52 38.9	52 42.6	52 59.9	52 58.7	52 58.3	53 0.4	53 2.3
LONGITUDE START	169 40.6	169 40.8	169 37.5	169 33.7	169 9.8	168 56.2	167 50.1	167 36.5	167 35.1	167 15.9	167 10.4
LATITUDE END	52 32.1	52 30.5	52 25.9	52 27.3	52 38.2	52 42.8	53 0.2	52 59.1	52 58.6	53 0.9	53 1.6
LONGITUDE END	169 37.9	169 38.0	169 41.0	169 35.9	169 13.1	168 55.7	167 47.3	167 34.0	167 32.3	167 13.2	167 12.6
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	103	136	150	186	64	60	57	95	113	202	159
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.08	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.65	1.70	1.65	1.65	2.10	0.28	1.80	1.80	1.70	1.60	1.50
PERFORMANCE / GEAR	0 /790	7 /790	7 /790	7 /790	7 /790	5 /790	0 /790	0 /790	0 /790	0 /790	7 /790
POLLOCK	1695.2	203.0	0.0	0.0	2655.4	2318.8	1539.6	529.4	79.6	21.2	50.4
PACIFIC COD	676.6	178.0	0.0	0.0	450.6	230.0	246.6	160.2	126.2	0.0	26.6
PAC OCEAN PERCH	16.2	216.8	2272.6	0.0	4.0	1.3	0.0	1.4	1307.0	274.6	202.8
NORTHERN RKFH	29.8	13.8	1.6	0.0	31.4	62.5	10.8	7.8	108.6	9.6	14.4
SHORTRAKER RKFH	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	20.8	413.4	143.8
ROUGHEY RKFH	9.8	42.6	653.6	1281.2	10.0	1.3	0.0	0.0	10.8	202.6	500.8
SHORTSPINE TH	0.0	12.8	71.6	20.4	0.0	0.0	0.0	0.0	71.2	249.0	274.0
OTHER ROCKFISH	0.0	0.0	0.0	0.0	11.2	0.0	0.0	0.0	21.8	5.4	2.0
SABLEFISH	0.0	81.2	1064.2	339.0	0.0	0.0	0.0	0.0	59.4	211.6	202.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	10.8	0.0	3.0	36.8	20.8	0.0	0.0
GIANT GRENADIER	0.0	0.0	1297.8	1359.8	0.0	0.0	0.0	0.0	0.0	304.0	0.0
SCULPINS	135.8	39.6	391.8	62.6	198.6	66.3	3.6	9.8	0.8	16.6	51.4
OTHER ROUNDFISH	0.2	0.2	51.6	0.2	2.0	12.5	0.0	0.0	2.2	0.0	0.0
TOTAL ROUNDFISH	2563.6	788.0	5804.8	3103.2	3374.0	2692.5	1803.6	745.4	1829.2	1708.0	1468.2
ARROWTOOTH FL	49.0	64.6	54.6	22.4	60.2	91.3	8.6	155.6	392.6	58.8	43.4
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	3.2	0.0	0.0	1.8	0.0	2.4	8.4	2.0	0.0	0.0
ROCK SOLE	39.4	0.0	0.0	0.0	8.6	17.5	202.0	65.0	40.2	3.6	0.0
REX SOLE	3.6	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.2	8.2	2.0
DOVER SOLE	0.0	0.0	13.0	0.0	0.0	0.0	0.0	3.4	14.2	123.0	0.0
PAC HALIBUT	893.8	238.4	0.0	0.0	129.0	0.0	166.0	32.8	116.2	0.0	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	985.8	306.2	67.6	22.4	199.6	115.0	379.0	267.2	571.4	193.6	45.4
SKATES	55.0	42.4	0.0	7.0	0.0	0.0	0.0	0.0	6.6	0.0	0.2
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.8	20.6	0.0	0.0
TOTAL ELASMOBRH	55.0	42.4	0.0	7.0	0.0	0.0	0.0	19.8	27.2	0.0	0.2
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	9.8	71.8	95.2	10.8	19.0	71.3	0.0	0.0	207.2	27.4	248.2
OTHER INVERTS	20.0	14.2	222.2	0.0	99.0	463.8	0.0	0.0	0.0	101.4	0.0
TOTAL INVERTS	29.8	86.0	317.4	10.8	118.0	535.0	0.0	0.0	207.2	128.8	248.2
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	3634.2	1222.6	6189.8	3143.4	3691.6	3342.5	2182.6	1032.4	2635.0	2030.4	1762.0

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	188	189	190	191	192	193	194	195	196	197	198
MONTH/DAY/YEAR	6/12/85	6/12/85	6/12/85	6/13/85	6/13/85	6/13/85	6/13/85	6/13/85	6/13/85	6/13/85	6/13/85
LATITUDE START	53 0.7	53 8.0	53 10.5	53 8.0	53 10.4	53 13.3	53 14.1	53 17.8	53 20.1	53 30.1	53 27.0
LONGITUDE START	167 19.1	167 5.5	167 8.2	166 46.4	166 45.5	166 39.8	166 41.1	166 39.3	166 37.9	166 19.1	166 13.1
LATITUDE END	53 0.1	53 7.0	53 11.0	53 10.0	53 11.0	53 14.3	53 13.1	53 16.8	53 21.5	53 30.5	53 27.5
LONGITUDE END	167 21.3	167 7.9	167 5.6	166 44.6	166 43.1	166 37.0	166 44.3	166 42.0	166 35.2	166 18.1	166 10.3
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	155	100	63	197	168	148	123	93	62	66	87
DURATION IN HOURS	0.43	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.20	0.50
DISTANCE FISHED	1.39	1.70	1.70	1.60	1.50	1.85	1.65	1.75	1.80	0.68	1.80
PERFORMANCE / GEAR	7 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	1 /790	0 /790
POLLOCK	17.0	516.0	6090.0	0.0	10.0	2.4	12.8	243.4	3459.6	640.0	52.0
PACIFIC COD	121.2	198.4	130.8	0.0	0.0	10.6	133.2	181.4	102.6	136.5	366.4
PAC OCEAN PERCH	1152.8	81.2	16.8	3.4	13.0	202.8	521.2	16.4	0.0	17.0	0.0
NORTHERN RKFH	27.4	26.6	0.0	0.0	1.2	2.0	21.4	11.2	6.4	43.0	5.0
SHORTRAKER RKFH	119.1	0.0	0.0	57.2	40.4	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEYE RKFH	528.1	22.8	0.0	10.8	595.8	108.2	31.0	0.0	0.0	0.0	0.0
SHORTSPINE TH	490.2	23.2	3.6	336.2	316.6	192.4	90.2	4.6	0.0	0.0	0.0
OTHER ROCKFISH	6.5	12.4	9.6	0.0	0.0	0.0	10.0	0.0	0.0	0.0	2.8
SABLEFISH	140.0	0.0	0.0	799.2	486.6	306.8	256.8	7.4	0.0	0.0	0.0
ATKA MACKEREL	0.0	44.0	3.6	0.0	0.0	0.0	34.8	23.2	2.6	3.0	7.0
GIANT GRENADIER	22.3	0.0	0.0	68.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	18.1	9.4	18.8	0.4	23.8	4.0	14.4	1.8	28.6	13.0	8.8
OTHER ROUND FISH	0.0	0.0	1.2	1.0	0.8	0.2	0.2	0.0	8.0	6.0	0.0
TOTAL ROUND FISH	2642.8	934.0	6274.4	1276.6	1478.2	829.4	1126.0	489.4	3607.8	860.5	442.0
ARROWTOOTH FL	98.6	136.4	25.6	131.0	213.0	47.0	269.2	313.6	49.6	88.5	1067.8
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.2	0.0	0.0	0.0	6.4	19.4	0.0	0.0	0.0	87.2
ROCK SOLE	4.9	15.4	35.6	0.0	0.0	0.0	12.8	146.0	10.4	50.5	99.4
REX SOLE	0.0	4.8	0.0	42.4	110.0	127.2	47.2	13.8	0.0	2.5	103.2
DOVER SOLE	0.0	0.0	0.0	49.0	6.2	9.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	89.3	184.0	89.6	0.0	48.8	16.6	132.4	123.6	64.6	950.0	250.4
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
TOTAL FLATFISH	192.8	340.8	150.8	222.4	378.0	206.2	481.0	597.0	124.6	1091.5	1611.0
SKATES	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	164.8
OTHER ELASMOBRH	0.0	10.0	0.0	0.0	0.0	117.0	0.0	39.6	0.0	21.5	17.6
TOTAL ELASMOBRH	0.0	10.0	0.0	0.4	0.0	117.0	0.0	39.6	0.0	21.5	182.4
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	205.1	121.2	190.0	126.0	191.2	517.0	530.8	128.0	51.4	58.5	108.6
OTHER INVERTS	15.3	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
TOTAL INVERTS	220.5	121.2	190.0	126.0	191.2	517.6	530.8	128.0	51.4	58.5	108.6
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	3056.0	1406.0	6615.2	1625.4	2047.4	1670.2	2137.8	1254.0	3783.8	2032.0	2344.0

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	199	200	201	202	203	204	205	206	207	208	209
MONTH/DAY/YEAR	6/13/85	6/14/85	6/14/85	6/14/85	6/14/85	6/14/85	6/14/85	6/14/85	6/14/85	6/14/85	6/15/85
LATITUDE START	53 23.6	53 16.7	53 19.8	53 20.6	53 27.0	53 27.8	53 29.9	53 29.0	53 31.0	53 36.2	53 48.0
LONGITUDE START	166 11.8	166 18.3	166 14.0	166 17.3	165 48.1	165 47.3	165 49.3	165 53.9	165 49.3	165 41.2	165 17.2
LATITUDE END	53 22.6	53 16.0	53 18.9	53 21.4	53 28.7	53 30.6	53 28.8	53 28.5	53 31.5	53 37.1	53 47.4
LONGITUDE END	166 14.8	166 21.0	166 16.9	166 14.8	165 46.7	165 44.5	166 51.4	165 51.5	165 46.8	165 38.0	165 20.0
LORAN START											
LORAN END											
GEAR DEPTH	126	246	195	157	216	167	142	108	74	59	74
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	2.00	1.80	1.90	1.75	1.80	1.90	1.55	1.60	1.75	2.00	1.80
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	10.2	8.0	19.8	12.0	41.2	81.2	44.2	51.0	2281.6	1209.6	138.6
PACIFIC COD	21.6	0.0	0.0	0.0	0.0	10.2	30.0	68.8	465.6	100.8	409.4
PAC OCEAN PERCH	81.6	9.0	0.0	182.6	1.2	200.6	249.0	40.4	21.2	21.2	1.4
NORTHERN RKFH	68.4	9.4	2.4	3.2	0.0	0.0	92.6	106.0	20.8	20.4	19.8
SHORTRAKER RKFH	0.0	0.0	30.8	0.0	24.0	0.0	8.0	0.0	0.0	0.0	0.0
ROUGHEY RKFH	4.4	0.0	48.4	242.6	26.8	123.4	16.0	0.0	0.0	0.0	0.0
SHORTSPINE TH	44.4	80.6	117.0	149.8	237.4	290.4	160.4	58.2	5.6	0.0	0.0
OTHER ROCKFISH	32.2	0.0	0.0	0.0	0.0	0.0	32.4	0.0	0.0	0.0	6.6
SABLEFISH	492.4	252.2	1025.2	627.2	655.4	876.6	517.6	41.4	0.0	0.0	6.2
ATKA MACKEREL	5.2	0.0	0.0	0.0	0.0	0.0	0.0	4.6	105.2	76.0	38.4
GIANT GRENADIER	0.0	198.2	97.2	0.0	1350.4	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	0.2	0.0	0.0	0.0	0.0	4.0	0.4	0.0	48.4	34.4	10.4
OTHER ROUND FISH	0.2	17.4	9.4	0.0	7.0	0.0	0.0	0.2	0.0	0.0	12.0
TOTAL ROUND FISH	760.8	574.8	1350.2	1217.4	2343.4	1586.4	1150.6	370.6	2948.4	1462.4	642.8
ARROWTOOTH FL	222.0	26.4	180.2	126.6	264.8	59.0	614.4	1389.4	678.8	144.8	290.4
GREENLAND TURBOT	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	29.0	0.0	0.0	17.2	0.0	7.6	44.6	10.6	3.2	0.0	7.0
ROCK SOLE	0.0	0.0	0.0	0.0	0.0	0.0	2.8	7.8	58.0	385.6	6.2
REX SOLE	286.0	21.0	198.8	431.2	29.2	59.2	152.0	56.6	10.0	0.8	561.0
DOVER SOLE	0.0	51.0	3.2	6.4	10.8	20.0	4.6	2.6	0.0	0.0	0.0
PAC HALIBUT	87.0	0.0	97.0	56.8	0.0	189.8	68.6	227.0	105.6	71.2	100.4
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	624.0	98.4	479.2	638.2	339.8	335.6	887.0	1694.0	855.6	602.4	965.0
SKATES	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	8.8	17.2	28.0	28.0	14.8
TOTAL ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	10.8	17.2	28.0	28.0	14.8
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	198.6	126.4	106.2	480.0	96.0	209.2	235.6	199.4	180.0	21.6	42.6
OTHER INVERTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL INVERTS	198.6	126.4	106.2	480.0	96.0	209.2	235.6	199.4	180.0	21.6	42.6
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	1583.4	799.6	1935.6	2335.6	2779.2	2131.2	2284.0	2281.2	4012.0	2114.4	1665.2

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	210	211	212	213	214	215	216	217	218	219	220
MONTH/DAY/YEAR	6/15/85	6/15/85	6/15/85	6/15/85	6/15/85	6/15/85	6/15/85	6/15/85	6/15/85	6/16/85	6/16/85
LATITUDE START	53 44.8	53 40.4	53 36.8	53 40.5	53 43.5	53 42.0	53 40.5	53 38.9	53 45.2	53 43.4	53 45.8
LONGITUDE START	165 17.9	165 19.0	165 25.1	165 14.0	164 57.5	164 49.0	164 38.2	164 42.9	164 38.9	164 36.0	164 26.2
LATITUDE END	53 44.3	53 40.0	53 37.9	53 41.3	53 43.2	53 41.8	53 40.2	53 39.8	53 46.9	53 43.7	53 45.9
LONGITUDE END	165 20.7	165 22.4	165 23.0	165 11.1	164 54.3	164 46.8	164 41.1	164 40.2	164 40.6	164 38.8	164 23.3
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	93	118	195	177	116	152	190	227	66	95	68
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.42	0.50	0.50	0.50
DISTANCE FISHED	1.55	2.00	1.80	1.60	1.70	1.60	1.70	1.46	1.75	1.70	1.80
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	68.0	11.0	57.6	29.0	179.0	80.8	39.4	20.0	593.0	44.4	2810.8
PACIFIC COD	267.8	109.6	11.4	0.0	34.2	14.2	0.0	0.0	323.0	142.6	46.4
PAC OCEAN PERCH	0.0	65.4	227.8	131.8	106.6	137.2	13.2	0.0	0.0	143.4	10.4
NORTHERN RKFH	8.4	29.4	12.8	11.0	24.0	4.2	2.0	0.0	22.2	23.4	60.0
SHORTRAKER RKFH	0.0	0.0	45.2	0.0	0.0	21.2	390.0	61.2	0.0	0.0	0.0
ROUGHEYE RKFH	0.0	0.0	538.2	187.4	0.0	58.6	116.0	49.5	0.0	0.0	0.0
SHORTSPINE TH	55.0	136.0	604.8	350.6	110.4	356.8	299.4	372.4	12.0	196.8	0.8
OTHER ROCKFISH	5.2	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0
SABLEFISH	52.0	294.0	1120.4	1013.6	120.0	1265.6	1408.6	1373.8	30.8	618.2	188.8
ATKA MACKEREL	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	10.8	14.4
GIANT GRENADIER	0.0	0.0	19.2	0.0	0.0	0.0	182.8	1416.4	0.0	0.0	0.0
SCULPINS	0.0	0.4	37.2	0.0	0.0	27.0	1.2	0.0	3.0	1.2	8.6
OTHER ROUND FISH	0.6	0.6	3.0	0.2	0.2	0.0	0.0	0.7	0.0	0.0	1.2
TOTAL ROUND FISH	475.8	658.8	2677.6	1723.6	574.4	1965.6	2452.6	3294.0	1024.0	1189.2	3141.4
ARROWTOOTH FL	2652.4	481.4	76.6	70.2	264.4	66.4	60.0	87.1	828.8	446.4	1293.6
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	37.0	12.6	0.0	0.0	0.0	0.0
FLATHEAD SOLE	6.2	18.6	0.0	10.6	20.0	11.6	0.4	0.0	10.2	4.6	40.0
ROCK SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	219.2	4.8	251.2
REX SOLE	248.0	486.0	303.0	129.2	413.8	621.0	242.4	35.7	147.4	483.2	126.8
DOVER SOLE	0.0	0.0	0.0	7.0	1.0	8.6	0.0	28.6	0.0	0.0	0.0
PAC HALIBUT	312.0	94.4	95.0	0.0	81.8	0.0	104.8	206.0	524.6	10.6	691.4
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	3218.6	1080.4	474.6	217.0	781.0	744.6	420.2	357.4	1730.2	949.6	2403.0
SKATES	0.0	0.2	0.0	0.0	128.4	0.0	0.0	0.0	13.6	10.0	165.2
OTHER ELASMOBRH	89.8	24.0	0.0	10.6	0.0	0.0	0.0	0.0	24.0	0.0	0.0
TOTAL ELASMOBRH	89.8	24.2	0.0	10.6	128.4	0.0	0.0	0.0	37.6	10.0	165.2
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	80.0	210.2	325.4	399.6	87.6	143.8	43.6	9.0	33.0	45.6	26.0
OTHER INVERTS	0.0	0.4	6.0	4.4	0.0	0.0	1.0	1.2	0.0	0.0	13.6
TOTAL INVERTS	80.0	210.6	331.4	404.0	87.6	143.8	44.6	10.2	33.0	45.6	39.6
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	3864.2	1974.0	3483.6	2355.2	1571.4	2854.0	2917.4	3661.7	2824.8	2194.4	5749.2

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	221	222	223	224	225	226	227	228	229	230	231
MONTH/DAY/YEAR	6/16/85	6/16/85	6/16/85	6/16/85	6/16/85	6/16/85	6/17/85	6/17/85	6/17/85	6/17/85	6/17/85
LATITUDE START	53 44.8	53 43.0	53 49.8	53 59.8	54 1.3	54 2.6	54 19.5	54 15.2	54 8.9	54 6.9	54 4.8
LONGITUDE START	164 20.0	164 25.3	163 45.9	163 27.0	163 0.8	162 57.3	161 41.6	161 32.6	161 33.6	161 36.0	161 37.5
LATITUDE END	53 44.2	53 43.4	53 49.8	54 0.0	54 1.3	54 2.4	54 20.0	54 13.8	54 7.8	54 7.9	54 4.2
LONGITUDE END	164 23.8	164 28.0	163 47.1	163 23.9	163 1.3	163 0.1	161 38.4	161 30.9	161 35.6	161 33.7	161 35.0
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	90	115	55	60	57	53	77	60	130	145	175
DURATION IN HOURS	0.50	0.50	0.17	0.50	0.07	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	2.05	1.70	0.53	1.80	0.23	1.75	1.80	1.75	1.75	1.75	1.80
PERFORMANCE / GEAR	0 /790	0 /790	1 /790	0 /790	6 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	290.8	328.2	0.0	39.4	514.3	2132.0	38.0	0.6	58.4	17.6	35.6
PACIFIC COD	100.4	10.8	0.0	140.0	622.9	108.0	210.4	80.0	92.2	145.2	0.0
PAC OCEAN PERCH	148.4	1314.4	64.7	0.0	22.7	0.8	0.0	2.6	1000.2	317.2	118.4
NORTHERN RKFH	167.6	67.4	1168.8	0.0	412.9	46.4	7.2	864.0	174.8	14.0	4.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	329.6
ROUGHEY RKFH	0.0	0.0	0.0	0.0	0.0	0.0	9.8	0.0	12.2	169.8	1431.2
SHORTSPINE TH	80.0	614.2	35.3	0.0	0.0	0.0	0.0	0.0	174.6	1432.8	711.2
OTHER ROCKFISH	12.0	0.0	40.0	0.0	0.0	0.0	0.0	25.2	54.8	5.2	0.0
SABLEFISH	10786.4	1217.0	0.0	0.0	40.0	23.2	75.2	0.0	59.8	692.0	278.8
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	41.6	0.0	13.2	4.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	484.4
SCULPINS	4.0	1.4	0.0	0.0	28.6	18.8	0.0	29.8	100.2	367.6	527.0
OTHER ROUND FISH	0.0	0.0	29.4	0.0	11.4	6.4	0.0	93.8	53.2	104.4	62.4
TOTAL ROUND FISH	11589.6	3553.4	1338.2	179.4	1652.9	2377.2	340.6	1109.2	1784.4	3267.8	3982.6
ARROWTOOTH FL	677.2	105.4	34.1	240.0	251.4	202.8	820.4	458.8	226.8	1134.6	414.8
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	1.6	0.0	75.2	48.6	0.0	120.6	13.0	0.0	0.0	0.0
ROCK SOLE	0.0	0.0	102.4	183.0	67.1	52.0	5.0	57.2	0.0	0.0	0.0
REX SOLE	9.2	70.4	14.1	52.0	0.0	0.0	28.8	1.2	9.0	76.6	28.0
DOVER SOLE	0.0	9.8	0.0	0.0	0.0	0.0	0.0	5.2	22.0	397.2	372.0
PAC HALIBUT	192.4	15.2	35.3	261.2	0.0	67.8	230.8	19.2	32.8	0.0	103.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	878.8	202.4	185.9	811.4	367.1	322.6	1205.6	554.6	290.6	1608.4	917.8
SKATES	0.0	53.0	105.9	4.0	0.0	0.0	58.8	0.0	0.0	0.0	57.8
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	53.0	105.9	4.0	0.0	0.0	58.8	0.0	0.0	0.0	57.8
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	29.6	16.5	7.0	0.0	21.2	0.0	0.0	11.0	10.2	39.2
OTHER INVERTS	0.0	64.0	27.1	0.0	0.0	27.2	0.0	0.0	0.0	2.8	82.2
TOTAL INVERTS	0.0	93.6	43.5	7.0	0.0	48.4	0.0	0.0	11.0	13.0	121.4
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	12468.4	3902.4	1673.5	1001.8	2020.0	2748.2	1605.0	1663.8	2086.0	4889.2	5079.6

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	232	233	234	235	236	237	238	239	240	241	242
MONTH/DAY/YEAR	6/17/85	6/17/85	6/17/85	6/17/85	6/18/85	6/18/85	6/18/85	6/18/85	6/18/85	6/18/85	6/18/85
LATITUDE START	54 6.2	54 18.0	54 19.2	54 15.4	54 17.5	54 17.3	54 15.3	54 16.0	54 16.3	54 16.8	54 16.1
LONGITUDE START	161 34.0	161 14.0	161 11.2	161 13.0	160 38.3	161 0.1	160 38.1	160 39.6	160 38.0	160 37.0	160 41.7
LATITUDE END	54 5.4	54 18.4	54 19.2	54 14.9	54 17.6	54 17.3	54 15.3	54 16.2	54 16.1	54 16.6	54 16.5
LONGITUDE END	161 36.5	161 11.2	161 14.0	161 17.8	161 1.7	161 3.1	161 1.0	160 38.5	160 40.4	160 39.6	160 38.9
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	224	90	72	123	143	200	246	161	179	119	145
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.16	0.50	0.50	0.50
DISTANCE FISHED	1.60	1.75	1.80	1.75	1.75	1.75	1.75	0.50	1.70	1.60	1.75
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	7 /790	0 /790	0 /790	0 /790	1 /790	0 /790	0 /790	0 /790
POLLOCK	0.0	3652.0	896.6	0.0	46.0	0.0	0.0	22.5	6.2	149.8	20.0
PACIFIC COD	0.0	246.4	16.6	0.0	130.8	0.0	0.0	0.0	0.0	244.8	23.2
PAC OCEAN PERCH	3.0	80.0	10.8	0.0	122.8	6.6	0.0	4.4	6.4	333.4	476.4
NORTHERN RKFH	0.0	289.6	118.0	0.0	0.0	0.0	0.0	0.0	0.0	166.0	22.4
SHORTRAKER RKFH	760.4	0.0	0.0	0.0	0.0	88.4	0.0	60.6	286.6	0.0	0.0
ROUGHEY RKFH	408.6	40.0	0.0	0.0	16.0	32.6	12.4	261.3	309.8	7.0	14.4
SHORTSPINE TH	404.4	18.4	2.2	0.0	317.2	416.8	161.2	690.6	310.0	63.4	386.4
OTHER ROCKFISH	0.0	44.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0
SABLEFISH	343.2	140.8	27.6	0.0	3018.8	333.8	194.4	1299.4	785.4	232.0	2185.6
ATKA MACKEREL	0.0	24.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	504.4	0.0	0.0	0.0	52.0	1006.0	1513.8	102.5	78.8	0.0	0.0
SCULPINS	3.6	3.2	19.2	0.0	47.6	42.2	0.0	135.6	42.4	35.6	56.0
OTHER ROUND FISH	8.6	0.0	9.2	0.0	0.0	0.2	9.6	0.0	0.4	0.0	1.6
TOTAL ROUND FISH	2436.2	4538.4	1113.8	0.0	3731.2	1926.6	1891.4	2576.9	1826.0	1237.2	3186.0
ARROWTOOTH FL	129.0	700.8	514.4	0.0	966.8	88.6	4.6	414.4	150.6	238.0	438.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	11.2	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCK SOLE	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REX SOLE	36.8	0.0	41.4	0.0	160.8	96.4	24.6	100.6	69.0	13.2	48.0
DOVER SOLE	496.0	0.0	0.0	0.0	93.2	173.4	215.8	237.5	176.0	11.0	180.0
PAC HALIBUT	129.0	101.8	299.4	0.0	21.0	0.0	0.0	0.0	0.0	129.8	90.8
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	790.8	808.2	858.8	0.0	1241.8	369.6	245.0	752.5	395.6	392.0	756.8
SKATES	0.0	0.0	81.4	0.0	0.0	0.0	0.0	1.9	17.6	16.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	0.0	81.4	0.0	0.0	0.0	0.0	1.9	17.6	16.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	22.0	0.0	3.0	0.0	77.2	165.6	248.6	21.3	70.0	11.4	21.6
OTHER INVERTS	6.0	0.0	0.0	0.0	0.0	0.0	6.0	26.3	10.0	10.0	14.0
TOTAL INVERTS	28.0	0.0	3.0	0.0	77.2	165.6	254.6	47.5	80.0	22.4	35.6
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	3255.0	5346.6	2057.0	0.0	5070.2	2461.8	2391.0	3378.7	2319.2	1667.6	3978.4

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	243	244	245	246	247	248	249	250	251	252	253
MONTH/DAY/YEAR	6/18/85	6/19/85	6/19/85	6/19/85	6/19/85	6/19/85	6/19/85	6/19/85	6/19/85	6/19/85	6/20/85
LATITUDE START	54 18.2	54 34.8	54 45.1	54 37.1	54 37.8	54 28.3	54 20.5	54 19.0	54 20.2	54 19.1	54 30.2
LONGITUDE START	160 38.3	160 58.6	160 51.1	160 39.2	160 23.8	160 19.7	160 11.8	160 9.1	160 8.0	160 7.0	159 43.4
LATITUDE END	54 18.5	54 35.4	54 46.4	54 37.4	54 36.1	54 27.4	54 21.1	54 19.5	54 20.8	54 19.0	54 30.3
LONGITUDE END	160 35.5	160 56.2	160 50.1	160 36.4	160 23.4	160 17.8	160 9.3	160 6.1	160 5.4	160 9.9	159 40.3
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	87	71	60	66	61	80	112	160	134	218	67
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.75	1.80	1.80	1.75	1.75	1.60	1.70	1.80	1.75	1.75	1.80
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	40.4	53.0	43.4	22.8	40.0	84.4	444.0	73.6	232.4	0.0	10.6
PACIFIC COD	122.0	272.0	187.0	140.2	95.0	490.2	181.2	0.0	284.0	0.0	182.0
PAC OCEAN PERCH	62.0	0.0	0.0	0.0	0.0	0.0	732.0	507.2	688.4	30.0	8.8
NORTHERN RKFH	94.6	33.2	0.0	0.0	0.0	1.6	298.0	22.4	8.8	0.0	224.6
SHORTAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.8	0.0
ROUGHEY RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	114.4	0.0	7.0	0.0
SHORTSPINE TH	8.0	0.0	0.0	0.0	0.0	0.0	0.0	1186.4	240.8	209.6	0.0
OTHER ROCKFISH	6.6	0.0	0.0	0.0	0.0	0.0	22.4	19.2	24.4	0.0	12.0
SABLEFISH	60.0	20.0	8.0	14.4	5.2	0.0	16.8	2038.4	112.4	399.4	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	16.6	24.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	738.4	0.0
SCULPINS	8.4	0.0	11.2	12.0	2.2	0.2	134.8	172.8	125.2	1.4	74.4
OTHER ROUNDFISH	5.0	18.6	0.0	0.0	5.6	0.0	17.0	0.0	0.0	0.0	63.0
TOTAL ROUNDFISH	407.0	396.8	249.6	189.4	148.0	576.4	1862.8	4158.4	1716.4	1432.6	575.4
ARROWTOOTH FL	694.8	432.8	781.8	275.8	144.4	576.2	1259.6	1632.8	1072.0	48.4	343.6
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	20.2	426.2	94.4	19.6	80.6	0.0	9.6	0.0	0.0	2.8
ROCK SOLE	0.0	0.0	53.0	2.0	8.6	4.6	0.0	0.0	0.0	0.0	40.8
REX SOLE	142.8	19.0	11.6	19.4	23.8	368.8	146.8	180.0	241.2	55.2	0.6
DOVER SOLE	40.0	0.0	0.0	0.0	0.0	16.6	37.6	685.6	180.0	215.2	0.0
PAC HALIBUT	19.0	204.2	234.0	94.2	24.0	352.0	85.0	173.6	248.4	48.8	25.2
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	17.4	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	896.6	676.2	1506.6	485.8	220.4	1416.2	1529.0	2681.6	1741.6	367.6	413.0
SKATES	0.0	0.0	122.6	0.0	0.0	180.0	0.0	0.0	0.0	0.0	0.0
OTHER ELASMOBRH	16.0	6.0	35.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	16.0	6.0	158.2	0.0	0.0	180.0	0.0	0.0	0.0	0.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	46.0	0.2	0.0	0.0	0.0	0.0	5.2	44.0	40.8	194.4	0.0
OTHER INVERTS	5.2	12.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
TOTAL INVERTS	51.2	12.2	0.0	0.0	0.0	0.0	5.2	44.0	42.8	194.4	0.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	1370.8	1091.2	1914.4	675.2	368.4	2172.6	3397.0	6884.0	3500.8	1994.6	988.4

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	254	255	256	257	258	259	260	261	262	263	264
MONTH/DAY/YEAR	6/20/85	6/20/85	6/20/85	6/20/85	6/20/85	6/20/85	6/21/85	6/21/85	6/21/85	6/21/85	6/21/85
LATITUDE START	54 26.0	54 23.8	54 20.8	54 20.9	54 20.1	54 20.1	54 34.6	54 29.5	54 28.3	54 27.5	54 26.8
LONGITUDE START	159 41.5	159 55.3	159 54.4	159 45.9	159 51.5	159 51.3	159 8.4	159 12.5	159 18.3	159 19.0	159 19.0
LATITUDE END	54 26.0	54 23.9	54 21.0	54 21.5	54 20.6	54 21.1	54 33.5	54 29.5	54 28.5	54 27.7	54 26.6
LONGITUDE END	159 43.6	159 54.3	159 52.6	159 43.5	159 48.7	159 48.7	159 11.1	159 15.8	159 16.6	159 15.8	159 15.9
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	86	109	131	150	174	193	60	98	109	134	157
DURATION IN HOURS	0.33	0.17	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.17	0.58	1.60	1.50	1.70	1.75	1.90	1.90	1.60	1.75	1.70
PERFORMANCE / GEAR	7 /790	1 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	20.9	0.0	124.0	0.0	22.4	10.4	11.6	0.0	26.4	126.6	12.0
PACIFIC COD	101.5	575.9	216.2	60.8	37.6	0.0	45.2	37.2	22.4	16.8	128.0
PAC OCEAN PERCH	0.0	8.8	295.0	43.0	17.6	0.0	6.6	36.4	825.6	411.4	69.6
NORTHERN RKFH	12.7	8.2	36.6	0.0	0.0	0.0	945.0	48.4	137.6	12.4	0.0
SHORTRAKER RKFH	0.0	0.0	7.0	0.0	63.2	221.6	0.0	0.0	0.0	0.0	39.0
ROUGHEY RKFH	0.0	0.0	10.4	45.0	839.6	426.4	0.0	0.0	0.0	11.6	47.6
SHORTSPINE TH	0.0	15.9	358.6	1108.4	1105.2	736.8	0.0	0.0	0.0	226.4	719.6
OTHER ROCKFISH	6.4	0.0	0.0	0.0	0.0	0.0	48.4	0.0	27.6	0.0	0.0
SABLEFISH	0.0	0.0	101.6	609.2	720.4	369.2	0.0	86.0	300.0	911.0	5268.4
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	1991.2	0.0	0.0	0.0	0.0	0.0
SCULPINS	1.2	4.7	144.0	68.0	49.2	38.8	11.2	1.2	22.8	142.8	143.0
OTHER ROUND FISH	0.0	0.0	0.0	16.8	19.2	21.6	16.6	1.6	27.6	0.0	0.0
TOTAL ROUND FISH	142.7	613.5	1293.4	1951.2	2874.4	3816.0	1084.6	210.8	1390.0	1859.0	6427.2
ARROWTOOTH FL	384.5	1975.3	1064.6	659.4	240.0	160.0	157.8	3380.8	3150.0	719.4	1256.4
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	9.6	0.0	0.0
ROCK SOLE	0.0	0.0	0.0	0.0	0.0	0.0	63.8	4.0	0.0	0.0	0.0
REX SOLE	25.8	52.9	103.2	101.4	196.0	101.6	0.0	327.2	259.6	89.2	164.8
DOVER SOLE	0.0	37.1	139.8	267.8	380.0	246.4	0.0	32.8	62.4	50.8	242.8
PAC HALIBUT	0.0	0.0	44.0	198.0	221.2	171.8	0.0	164.0	170.2	0.0	97.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	410.3	2065.3	1351.6	1226.6	1037.2	679.8	221.6	3915.2	3651.8	859.4	1761.0
SKATES	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.4	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	161.6	36.2	8.4	12.6
TOTAL ELASMOBRH	0.0	0.0	0.0	0.0	20.0	0.0	0.0	161.6	36.6	8.4	12.6
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.3	0.0	11.8	58.4	102.8	197.0	0.0	0.0	0.0	14.4	40.0
OTHER INVERTS	4.8	12.4	10.2	41.4	6.4	0.0	8.6	0.0	50.0	12.8	12.0
TOTAL INVERTS	5.2	12.4	22.0	99.8	109.2	197.0	8.6	0.0	50.0	27.2	52.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	558.2	2691.2	2667.0	3277.6	4040.8	4692.8	1314.8	4287.6	5128.4	2754.0	8252.8

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	265	266	267	268	269	270	271	272	273	274	275
MONTH/DAY/YEAR	6/21/85	6/21/85	6/22/85	6/22/85	6/22/85	6/22/85	6/22/85	6/22/85	6/23/85	6/23/85	6/23/85
LATITUDE START	54 27.0	54 36.0	54 32.2	54 31.0	54 36.5	54 57.9	55 5.9	55 13.7	55 24.9	55 17.5	55 25.6
LONGITUDE START	159 12.1	158 55.3	158 51.6	158 53.4	158 39.4	158 16.4	158 47.6	159 10.6	159 2.4	158 39.3	158 32.6
LATITUDE END	54 27.7	54 36.5	54 31.7	54 31.2	54 36.3	54 58.8	55 6.9	55 14.6	55 25.4	55 15.9	55 27.3
LONGITUDE END	159 9.3	158 52.5	158 54.4	158 50.4	158 38.5	158 15.5	158 45.0	159 13.2	158 59.5	158 38.3	158 31.7
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	192	65	92	114	143	96	111	85	90	112	80
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.17	0.30	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.70	1.75	1.75	1.80	0.58	1.02	1.75	1.80	1.80	1.75	1.75
PERFORMANCE / GEAR	0 /790	1 /790	0 /790	1 /790	7 /790	1 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	0.0	20.0	265.2	2164.0	0.0	8.3	29.2	166.0	10.8	19.8	24.2
PACIFIC COD	0.0	929.2	150.0	24.0	0.0	86.0	26.0	347.6	72.6	13.0	0.0
PAC OCEAN PERCH	0.0	0.0	2.2	1264.4	8.8	2.7	0.0	1.4	0.0	0.0	0.0
NORTHERN RKFH	0.0	16.6	10.4	192.8	8.8	3.7	0.0	0.0	0.0	0.0	0.0
SHORTRAKER RKFH	196.0	27.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEY RKFH	309.6	0.0	0.0	0.0	4.7	0.0	9.2	0.0	6.8	0.0	70.8
SHORTSPINE TH	1418.0	11.4	0.0	8.0	224.7	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	0.0	0.0	2.4	22.8	0.0	0.0	4.0	0.0	0.0	0.0	0.0
SABLEFISH	684.0	29.6	656.6	5235.2	897.6	54.0	181.2	10.0	36.2	252.8	3.2
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADE	390.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	237.2	2.2	2.0	72.4	19.4	0.0	60.4	1.0	29.2	28.8	1.0
OTHER ROUNDFISH	0.8	35.0	2.0	0.0	1.2	61.3	21.2	4.8	21.2	221.0	75.4
TOTAL ROUNDFISH	3235.6	1071.4	1090.8	8983.6	1165.3	216.0	331.2	530.8	176.8	535.4	174.6
ARROWTOOTH FL	140.8	1633.8	1189.2	530.4	461.8	95.0	4986.4	851.0	1054.8	1791.6	614.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	4.0	1.6	0.0	0.0	3.3	261.6	17.6	462.2	515.0	263.8
ROCK SOLE	0.0	4.0	0.0	0.0	0.0	3.3	4.0	0.0	0.0	0.0	0.0
REX SOLE	211.2	12.0	106.8	25.2	16.5	61.0	14.4	22.4	6.4	8.0	2.8
DOVER SOLE	417.2	2.6	82.4	73.2	133.5	22.7	14.8	3.4	0.0	21.0	0.0
PAC HALIBUT	141.4	314.2	143.0	0.0	76.5	154.0	1409.8	209.8	128.8	108.8	127.6
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	910.6	1970.6	1523.0	628.8	688.2	339.3	6691.0	1104.2	1652.2	2444.4	1008.2
SKATES	0.0	0.0	0.0	63.2	0.0	0.0	131.6	70.0	36.0	34.6	0.0
OTHER ELASMOBRH	13.6	0.0	27.4	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	13.6	0.0	27.4	70.0	0.0	0.0	131.6	70.0	36.0	34.6	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	25.6	1.2	6.6	12.2	3.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	162.8	17.0	0.0	0.4	7.6	1.0	0.0	0.0	0.0	1.4	6.2
OTHER INVERTS	13.6	12.0	2.0	42.0	21.2	5.0	627.2	0.0	210.2	635.0	104.4
TOTAL INVERTS	176.4	29.0	2.0	42.4	28.8	6.0	652.8	1.2	216.8	648.6	113.6
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	4336.2	3071.0	2643.2	9724.8	1882.4	561.3	7806.6	1706.2	2081.8	3663.0	1296.4

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	276	277	278	279	280	281	282	283	284	285	286
MONTH/DAY/YEAR	6/23/85	6/23/85	6/23/85	6/23/85	6/23/85	6/24/85	6/24/85	6/24/85	6/24/85	6/24/85	6/24/85
LATITUDE START	55 29.6	55 17.5	55 9.6	54 48.1	54 51.5	54 47.6	54 46.1	54 44.9	54 47.4	54 44.7	54 53.0
LONGITUDE START	158 0.0	158 4.6	158 9.8	158 18.3	158 20.1	158 0.8	157 54.7	157 54.8	157 53.4	157 50.1	157 35.6
LATITUDE END	55 29.8	55 16.0	55 8.0	54 48.9	54 51.9	54 48.8	54 45.0	54 45.8	54 46.2	54 46.7	54 53.6
LONGITUDE END	157 57.3	158 5.4	158 10.1	158 19.5	158 20.5	157 58.2	157 57.1	157 52.5	157 55.6	157 48.3	157 33.3
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	66	60	74	112	102	68	102	159	193	230	114
DURATION IN HOURS	0.50	0.50	0.50	0.17	0.10	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.50	1.70	1.70	0.60	0.35	1.50	1.60	1.75	1.75	1.75	1.50
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	1 /790	6 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	7.4	2.6	0.8	71.8	60.0	5.4	0.0	0.0	0.0	3.0	0.0
PACIFIC COD	306.4	53.6	0.0	73.5	257.0	86.2	324.6	0.0	0.0	0.0	70.2
PAC OCEAN PERCH	0.0	0.0	1.6	784.7	127.0	20.0	34.2	53.4	9.4	0.0	664.2
NORTHERN RKFH	0.0	4.8	0.0	14.7	0.0	23.8	6.8	6.8	0.0	0.0	69.4
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.0	205.0	20.8	0.0
ROUGHEY RKFH	0.0	0.0	0.0	0.0	0.0	18.4	0.0	31.6	64.4	35.0	10.4
SHORTSPINE TH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	124.8	266.6	189.4	19.0
OTHER ROCKFISH	0.0	0.0	0.0	1200.0	84.0	5.4	21.8	0.0	0.0	0.0	11.2
SABLEFISH	1.6	0.0	0.0	0.0	0.0	0.0	0.0	6124.0	948.0	546.8	21.4
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	221.4	82.4	1855.2	44.0
SCULPINS	1.6	0.6	0.0	0.0	1.0	52.0	1.4	132.8	71.0	0.0	49.6
OTHER ROUND FISH	15.6	0.6	0.0	1.8	8.0	21.4	0.8	57.2	0.0	0.0	6.2
TOTAL ROUND FISH	332.6	62.2	2.4	2146.5	537.0	234.6	389.6	6823.0	1646.8	2650.2	965.6
ARROWTOOTH FL	797.4	271.2	1127.6	3.5	41.0	31.6	1321.2	428.8	350.6	154.6	642.6
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	88.2	8.8	52.4	0.0	0.0	2.0	11.2	0.0	0.0	0.0	0.0
ROCK SOLE	0.0	8.6	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0
REX SOLE	19.0	14.0	154.8	131.8	77.0	6.4	78.4	51.6	94.0	22.6	70.4
DOVER SOLE	2.0	0.0	0.0	48.8	83.0	43.0	108.2	245.2	132.6	191.6	32.4
PAC HALIBUT	239.2	4.8	0.0	0.0	0.0	22.8	13.2	0.0	78.6	105.2	22.8
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	1145.8	307.4	1334.8	184.1	201.0	110.4	1532.2	725.6	655.8	474.0	768.2
SKATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	8.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	8.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0
SQUID	0.0	0.0	0.0	0.6	8.0	0.0	0.0	14.0	6.0	1.4	0.0
OTHER INVERTS	0.0	0.0	0.0	0.0	0.0	10.6	0.6	31.6	0.0	0.0	0.0
TOTAL INVERTS	0.0	0.0	0.0	0.6	8.0	10.6	0.6	49.4	6.0	1.4	0.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	1478.4	369.6	1337.2	2331.2	746.0	355.6	1922.4	7598.0	2319.6	3133.6	1733.8

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	287	288	289	290	291	292	293	294	295	296	297
MONTH/DAY/YEAR	6/24/85	6/24/85	6/24/85	6/24/85	6/25/85	6/25/85	6/25/85	6/25/85	6/25/85	6/25/85	6/25/85
LATITUDE START	54 53.5	54 52.1	54 53.9	54 52.2	54 51.2	54 51.2	54 56.1	55 1.1	55 3.0	54 59.9	55 4.8
LONGITUDE START	157 32.3	157 38.3	157 34.6	157 31.6	157 31.9	157 28.5	157 16.2	157 11.1	157 9.4	157 15.9	157 11.2
LATITUDE END	54 54.2	54 52.3	54 54.4	54 51.2	54 51.3	54 51.8	54 56.8	55 2.3	55 4.1	55 1.4	55 5.9
LONGITUDE END	157 30.0	157 37.5	157 31.8	157 34.0	157 29.4	157 25.7	157 14.5	157 9.4	157 7.3	157 13.6	157 8.9
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	133	102	83	151	180	245	235	191	150	131	97
DURATION IN HOURS	0.50	0.15	0.50	0.50	0.50	0.50	0.37	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.60	0.53	1.75	1.75	1.70	1.70	1.28	1.60	1.60	1.75	1.75
PERFORMANCE / GEAR	0 /790	6 /790	0 /790	7 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	30.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4	36.0	10.4
PACIFIC COD	0.0	635.3	276.2	0.0	0.0	0.0	0.0	0.0	0.0	14.2	204.2
PAC OCEAN PERCH	427.2	194.0	8.6	72.0	33.8	0.0	0.0	6.0	226.4	745.4	46.2
NORTHERN RKFH	2.0	15.3	24.6	8.0	0.0	0.0	0.0	0.0	6.6	1.8	37.4
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	451.4	22.6	37.6	419.0	0.0	0.0	0.0
ROUGHEYE RKFH	0.4	0.0	0.0	21.6	893.6	29.8	0.0	493.8	81.4	43.8	0.0
SHORTSPINE TH	22.2	0.0	0.0	144.0	679.8	51.8	373.0	459.2	492.2	156.8	0.0
OTHER ROCKFISH	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.4	0.0
SABLEFISH	760.2	11.3	39.0	595.0	605.2	275.0	1242.4	402.6	342.6	375.0	10.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4
GIANT GRENADIER	0.0	0.0	0.0	20.8	721.2	1687.8	930.8	24.8	0.0	0.0	0.0
SCULPINS	161.4	0.7	1.6	126.2	105.6	0.8	32.2	22.4	67.8	35.8	61.0
OTHER ROUND FISH	34.8	0.0	6.6	1.0	0.0	2.0	0.0	0.0	16.8	160.4	64.0
TOTAL ROUND FISH	1441.4	856.7	356.6	988.6	3490.6	2069.8	2615.9	1827.8	1252.2	1581.6	439.6
ARROWTOOTH FL	798.4	174.0	1445.8	142.8	221.4	12.6	26.5	243.8	574.0	974.8	2041.6
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	5.6
ROCK SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REX SOLE	0.0	112.0	162.0	8.6	33.4	7.6	26.2	48.8	145.2	92.0	170.8
DOVER SOLE	52.0	11.3	110.0	65.2	196.2	41.2	92.7	220.2	334.8	295.8	55.6
PAC HALIBUT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.0	172.2	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	850.4	297.3	1717.8	216.6	451.0	75.4	145.4	512.8	1098.0	1539.0	2273.6
SKATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.2
OTHER ELASMOBRH	17.0	0.0	46.6	11.2	0.0	0.0	0.0	0.0	12.0	0.0	15.0
TOTAL ELASMOBRH	17.0	0.0	46.6	11.2	0.0	0.0	0.0	0.0	12.4	0.0	15.2
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	60.7	4.4	14.8	43.4	71.4	29.7	9.6	84.8	26.6	8.0
OTHER INVERTS	12.0	31.3	16.2	1.0	18.8	0.0	9.5	1.0	0.0	12.6	0.0
TOTAL INVERTS	12.0	92.0	20.6	15.8	62.2	71.4	39.2	18.4	84.8	39.2	8.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	2320.8	1246.0	2141.6	1232.2	4003.8	2216.6	2800.5	2359.0	2447.4	3159.8	2736.4

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	298	299	300	301	302	303	304	305	306	307	308
MONTH/DAY/YEAR	6/25/85	6/26/85	6/26/85	6/26/85	6/26/85	6/26/85	6/26/85	6/26/85	6/26/85	6/26/85	6/26/85
LATITUDE START	55 6.1	55 12.9	55 11.8	55 10.0	55 8.3	55 12.9	55 11.5	55 12.1	55 15.6	55 15.5	55 12.5
LONGITUDE START	157 12.6	156 47.8	156 45.0	156 46.2	156 44.8	156 40.8	156 41.1	156 25.8	156 19.2	156 19.0	156 12.5
LATITUDE END	55 7.4	55 13.8	55 10.4	55 10.9	55 9.1	55 13.5	55 12.0	55 13.1	55 16.1	55 16.3	55 11.1
LONGITUDE END	157 10.8	156 45.8	156 46.3	156 43.6	156 42.1	156 37.5	156 36.0	156 23.4	156 16.2	156 16.8	156 14.5
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	80	73	100	132	159	183	235	198	150	121	230
DURATION IN HOURS	0.50	0.50	0.50	0.33	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.75	1.80	1.70	1.13	1.75	1.75	1.65	1.75	1.80	1.75	1.75
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	1 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	0.0	0.0	7.0	40.0	5.6	0.0	0.0	0.0	10.4	96.8	0.0
PACIFIC COD	127.4	668.4	451.4	130.3	0.0	0.0	0.0	0.0	10.0	45.6	0.0
PAC OCEAN PERCH	0.0	0.0	10.6	202.4	113.8	20.8	0.0	0.0	120.0	875.2	27.2
NORTHERN RKFH	34.8	2.0	31.2	12.1	2.4	0.0	0.0	0.0	0.0	4.8	0.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	11.6	42.8	0.0	99.6	27.0	0.0	0.0
ROUGHEY RKFH	0.0	0.0	0.0	0.0	29.4	40.0	0.0	36.0	51.2	12.8	0.0
SHORTSPINE TH	0.0	0.0	0.0	0.0	225.6	474.8	304.8	630.2	843.8	28.8	40.0
OTHER ROCKFISH	4.8	6.0	5.8	15.5	0.0	0.0	0.0	0.0	0.0	27.6	0.0
SABLEFISH	0.0	0.0	10.2	643.3	2182.0	1712.8	1732.4	373.6	2128.8	6850.8	24.6
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	4153.6	1645.0	0.0	0.0	762.4
SCULPINS	23.0	21.8	56.0	121.8	44.4	71.6	0.0	60.2	37.4	113.6	0.0
OTHER ROUND FISH	8.6	41.4	0.0	289.4	0.2	0.0	10.8	0.0	0.0	168.0	0.0
TOTAL ROUND FISH	198.6	739.6	572.2	1454.8	2615.0	2362.8	6201.6	2844.6	3228.6	8224.0	854.2
ARROWTOOTH FL	947.0	846.2	5005.6	657.0	1078.0	4818.4	133.6	214.8	163.2	173.2	0.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	3.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0
ROCK SOLE	0.0	27.8	2.8	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0
REX SOLE	122.2	4.6	180.8	20.6	101.2	114.4	141.2	100.0	23.4	48.8	2.8
DOVER SOLE	33.4	63.0	53.2	128.8	230.2	262.4	1491.6	198.6	156.0	102.0	20.4
PAC HALIBUT	0.0	30.4	34.2	159.4	87.4	67.2	38.2	0.0	103.0	0.0	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	1102.6	972.0	5276.6	968.8	1503.0	5262.4	1804.6	513.4	445.6	324.0	23.2
SKATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
OTHER ELASMOBRH	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0
SQUID	10.0	7.0	0.0	5.5	38.6	57.2	84.2	6.2	9.0	2.0	4.0
OTHER INVERTS	6.0	100.0	92.0	21.2	3.0	58.2	112.0	2.6	0.0	5.6	0.0
TOTAL INVERTS	16.0	107.0	92.0	26.7	41.6	115.4	196.2	15.4	9.0	7.6	4.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	1328.0	1818.6	5940.8	2450.3	4159.6	7740.6	8202.4	3373.6	3683.2	8555.6	881.4

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	309	310	311	312	313	314	315	316	317	318	319
MONTH/DAY/YEAR	6/27/85	6/27/85	6/27/85	6/27/85	6/27/85	6/27/85	6/27/85	6/27/85	6/28/85	6/28/85	6/28/85
LATITUDE START	55 17.3	55 23.3	55 25.5	55 36.6	55 32.0	55 37.0	55 39.1	55 40.7	55 47.9	55 44.8	55 44.2
LONGITUDE START	156 26.0	156 11.7	155 47.9	155 53.9	155 41.5	155 38.5	155 19.6	155 10.3	155 7.0	155 9.3	155 7.8
LATITUDE END	55 18.0	55 23.4	55 27.0	55 34.6	55 30.3	55 37.4	55 38.0	55 41.1	55 46.8	55 43.7	55 43.2
LONGITUDE END	156 23.5	156 9.9	155 46.3	155 53.9	155 41.5	155 36.1	155 22.9	155 7.9	155 9.4	155 12.0	155 11.0
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	96	109	126	105	113	84	188	236	74	104	118
DURATION IN HOURS	0.45	0.20	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.35	0.60	1.75	1.60	1.80	1.75	1.60	1.55	1.80	1.90	2.10
PERFORMANCE / GEAR	0 /790	1 /790	0 /790	0 /790	0 /790	6 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	0.0	0.0	4.0	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0
PACIFIC COD	122.4	232.5	16.4	141.4	0.0	159.2	0.0	0.0	15.2	382.4	649.6
PAC OCEAN PERCH	26.2	79.5	2529.2	5.0	30.8	0.2	6.0	0.0	0.6	6.0	16.0
NORTHERN RKFH	122.2	440.5	34.4	32.6	71.6	39.0	18.6	0.0	268.4	109.2	12.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	401.4	0.0	0.0	0.0	0.0
ROUGHEYE RKFH	0.0	0.0	44.4	0.0	0.0	0.0	663.2	0.0	0.0	0.0	0.0
SHORTSPINE TH	18.9	16.5	0.0	0.0	0.0	0.0	416.4	100.4	0.0	0.0	0.0
OTHER ROCKFISH	90.2	133.5	2.0	0.0	20.2	0.0	0.0	0.0	371.4	58.4	0.0
SABLEFISH	35.8	373.0	806.0	164.6	21.6	36.0	1416.4	599.2	0.0	26.4	748.8
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENAIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	235.2	0.0	0.0	0.0
SCULPINS	58.2	118.0	14.0	99.6	0.4	40.2	6.2	6.0	19.8	21.2	0.0
OTHER ROUNDFISH	93.6	49.0	264.8	66.8	1.8	0.0	7.6	0.0	0.0	54.6	0.0
TOTAL ROUNDFISH	567.6	1442.5	3715.2	510.0	146.4	274.6	2944.4	940.8	675.4	658.2	1426.4
ARROWTOOTH FL	1380.4	296.5	123.2	713.4	858.2	1387.4	972.4	58.6	50.0	5100.8	20537.6
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	7.6	13.0	0.0	106.0	9.6	0.0	7.2	0.0	0.0	164.0	34.4
ROCK SOLE	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REX SOLE	62.4	268.5	7.6	1159.6	34.4	10.4	426.8	101.0	0.0	240.4	307.2
DOVER SOLE	43.3	172.5	12.0	61.4	0.0	0.0	217.2	355.8	7.4	32.0	288.0
PAC HALIBUT	0.0	0.0	143.4	30.2	689.6	280.6	38.2	0.0	0.0	190.6	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	11.6	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	1496.0	750.5	286.2	2070.6	1603.4	1678.4	1661.8	515.4	57.4	5727.8	21167.2
SKATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	10.0	22.0	9.6	0.0	0.0	0.0	68.0
TOTAL ELASMOBRH	0.0	0.0	0.0	0.0	10.0	22.0	9.6	0.0	0.0	0.0	68.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	8.0	0.0	0.0	0.0	0.0	53.0	65.2	0.0	0.0	0.0
OTHER INVERTS	0.0	0.0	13.6	0.0	0.0	0.0	12.0	4.0	0.0	2.0	0.0
TOTAL INVERTS	0.0	8.0	13.6	0.0	0.0	0.0	65.0	69.2	0.0	2.0	17.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	2063.6	2201.0	4015.0	2580.6	1759.8	1975.0	4680.8	1525.4	732.8	6388.0	22678.6

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	320	321	322	323	324	325	326	327	328	329	330
MONTH/DAY/YEAR	6/28/85	6/28/85	6/28/85	6/28/85	6/28/85	6/29/85	6/29/85	6/29/85	6/29/85	6/29/85	6/29/85
LATITUDE START	55 43.0	55 57.3	55 56.7	55 57.9	56 4.3	56 0.1	56 1.2	55 59.2	55 57.8	55 56.0	55 52.9
LONGITUDE START	155 7.0	154 46.6	154 45.9	154 47.7	154 49.9	154 47.3	154 50.2	154 19.5	154 5.9	154 8.0	154 11.8
LATITUDE END	55 42.5	55 56.6	55 55.6	55 56.6	56 3.3	55 59.1	55 59.8	55 57.3	55 56.5	55 54.5	55 54.2
LONGITUDE END	155 9.9	154 47.9	154 47.8	154 49.5	154 52.4	154 49.3	154 47.6	154 18.1	154 7.0	154 8.9	154 9.9
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	149	243	192	153	69	128	97	137	131	194	314
DURATION IN HOURS	0.30	0.33	0.50	0.50	0.50	0.50	0.50	0.47	0.50	0.50	0.50
DISTANCE FISHED	1.80	1.07	1.70	1.70	1.75	1.60	1.60	1.63	1.65	1.70	1.70
PERFORMANCE / GEAR	0 /790	1 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	80.0	22.4	0.0	192.0	0.0	806.8	7.2	211.1	4.6	0.0	0.0
PACIFIC COD	180.8	0.0	0.0	31.8	621.0	24.0	46.8	72.3	132.4	10.0	0.0
PAC OCEAN PERCH	4825.2	16.4	22.8	796.8	134.8	557.6	0.0	509.4	1253.2	225.0	2.4
NORTHERN RKFH	40.0	0.0	0.0	27.0	8.0	62.4	10.0	18.3	393.0	4.4	0.0
SHORTRAKER RKFH	0.0	0.0	113.6	19.0	0.0	0.0	0.0	34.0	0.0	206.4	18.8
ROUGHEYE RKFH	0.0	0.0	109.0	20.6	0.0	0.0	0.0	253.6	13.8	21.2	5.0
SHORTSPINE TH	114.8	66.1	626.2	330.0	8.8	16.4	0.0	1078.7	475.0	362.0	159.4
OTHER ROCKFISH	16.4	0.0	0.0	9.6	0.0	12.0	0.0	7.2	27.8	0.0	0.0
SABLEFISH	1544.0	25.2	1408.8	9398.8	27.2	7175.2	67.4	3903.0	407.0	815.0	129.2
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	75.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	566.6
SCULPINS	6.0	0.0	12.2	0.0	117.8	0.0	1.6	19.6	16.0	31.8	2.2
OTHER ROUND FISH	67.2	1.2	0.0	14.0	22.4	0.0	0.0	1.7	0.0	0.0	73.8
TOTAL ROUND FISH	6874.4	207.0	2292.6	10839.6	940.0	8654.4	133.0	6108.9	2722.8	1675.8	957.4
ARROWTOOTH FL	890.0	0.0	384.0	1662.0	472.6	428.8	234.0	1286.0	117.6	574.0	0.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	6.0	0.0	0.0	2.2	0.0	0.4	0.0	0.0
ROCK SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REX SOLE	214.8	15.2	195.2	178.8	172.0	21.2	67.6	120.4	43.4	92.2	3.6
DOVER SOLE	143.6	82.7	179.6	357.6	32.0	56.4	3.6	347.7	9.6	259.4	131.2
PAC HALIBUT	70.6	0.0	52.0	11.2	5.8	0.0	0.0	0.0	0.0	0.0	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	1319.0	97.9	810.8	2215.6	682.4	506.4	307.4	1754.0	171.0	925.6	134.8
SKATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	17.2	0.0	9.8	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	0.0	0.0	0.0	17.2	0.0	9.8	0.0	0.0	0.0	6.4
TANNER CRAB	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0
SQUID	0.0	0.0	34.0	25.2	8.4	36.0	9.4	6.0	0.0	0.0	0.0
OTHER INVERTS	0.8	0.0	2.2	0.0	0.0	1.2	0.6	24.7	0.0	2.0	2.4
TOTAL INVERTS	2.0	0.0	36.2	25.2	8.4	37.2	10.0	36.2	0.0	2.0	2.4
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	8195.4	304.8	3139.6	13080.4	1648.0	9198.0	460.2	7899.1	2893.8	2603.4	1101.0

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	331	332	333	334	335	336	337	338	339	340	341
MONTH/DAY/YEAR	6/29/85	6/29/85	6/30/85	6/30/85	6/30/85	6/30/85	6/30/85	6/30/85	6/30/85	6/30/85	6/30/85
LATITUDE START	56 2.0	56 3.3	56 9.3	56 11.3	56 11.3	56 12.3	56 7.6	56 7.0	56 17.1	56 16.9	56 16.1
LONGITUDE START	154 4.8	154 9.4	153 39.7	153 41.0	153 43.0	153 46.0	153 30.5	153 21.1	153 3.5	153 9.9	153 5.8
LATITUDE END	56 0.7	56 4.7	56 9.6	56 10.3	56 10.8	56 12.1	56 7.2	56 8.5	56 17.9	56 17.4	56 16.4
LONGITUDE END	154 2.8	154 11.7	153 43.1	153 44.0	153 40.3	153 43.4	153 33.3	153 22.5	153 6.5	153 7.0	153 2.8
LORAN START											
LORAN END											
GEAR DEPTH	105	71	161	139	90	78	194	241	159	185	221
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.75	1.75	1.80	1.80	1.70	1.70	1.60	1.60	1.20	1.75	1.75
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	0.0	0.0	2.0	48.0	0.0	0.0	16.4	11.4	33.2	9.4	40.4
PACIFIC COD	181.2	35.0	0.0	15.0	287.6	0.0	0.0	0.0	0.0	0.0	0.0
PAC OCEAN PERCH	3763.2	138.6	130.0	371.6	12.0	0.0	34.4	9.6	170.4	44.2	0.0
NORTHERN RKFH	644.8	477.2	4.4	2.2	0.0	0.0	0.0	1.6	0.0	0.0	0.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	52.8	27.0	64.4	124.8	88.0
ROUGHEY RKFH	0.0	0.0	8.0	8.0	0.0	0.0	0.0	0.0	214.0	126.4	10.4
SHORTSPINE TH	0.0	0.0	994.4	172.4	1.2	0.0	844.0	603.0	382.4	204.2	46.4
OTHER ROCKFISH	134.4	68.6	4.4	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	24.8	0.0	3839.6	642.4	26.0	0.0	5285.2	363.6	1632.0	1043.2	98.4
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	73.2	2302.4	0.0	0.0	180.8
SCULPINS	7.2	1.2	94.0	19.2	0.4	0.0	5.2	0.0	54.8	0.0	0.0
OTHER ROUND FISH	11.6	1.4	8.2	0.4	0.0	0.0	18.8	2.2	0.8	0.2	2.2
TOTAL ROUND FISH	4767.2	722.0	5085.0	1286.2	327.2	0.0	6330.0	3320.8	2552.0	1552.4	466.6
ARROWTOOTH FL	298.4	456.6	445.6	234.4	4080.0	191.2	991.2	58.6	4968.8	499.8	92.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	1.6	0.0
ROCK SOLE	0.0	14.4	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REX SOLE	30.4	575.6	50.0	47.6	412.4	30.0	210.8	34.4	71.2	33.6	4.2
DOVER SOLE	9.2	0.0	92.4	43.2	14.0	0.0	1770.0	320.0	431.6	491.0	233.0
PAC HALIBUT	0.0	215.2	0.0	0.0	75.6	0.0	102.6	0.0	22.0	0.0	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	338.0	1261.8	592.0	325.2	4582.0	221.2	3074.6	413.0	5498.0	1026.0	329.2
SKATES	0.0	0.2	0.0	0.0	0.0	0.0	6.0	21.6	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	0.2	0.0	0.0	40.0	0.0	6.0	21.6	0.0	0.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
SQUID	4.8	0.0	0.0	22.0	0.0	0.4	0.0	1.0	4.4	371.0	10.8
OTHER INVERTS	0.0	0.0	16.0	22.0	0.8	5.2	0.0	15.8	48.0	46.8	2.0
TOTAL INVERTS	4.8	0.0	16.0	44.0	1.2	5.6	5.0	16.8	52.4	417.8	12.8
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	5110.0	1984.0	5693.0	1655.4	4950.4	226.8	9415.6	3772.2	8102.4	2996.2	808.6

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	342	343	344	345	346	347	348	349	350	351	352
MONTH/DAY/YEAR	7/ 1/85	7/ 1/85	7/ 1/85	7/ 1/85	7/ 1/85	7/ 1/85	7/ 1/85	7/ 1/85	7/ 1/85	7/ 2/85	7/ 2/85
LATITUDE START	56 18.6	56 18.4	56 19.5	56 28.4	56 29.7	56 26.2	56 39.7	56 41.8	56 45.7	56 56.3	56 55.3
LONGITUDE START	153 3.7	153 7.0	153 8.9	153 17.2	153 27.0	153 45.0	153 29.0	153 12.9	153 0.0	152 58.0	152 42.1
LATITUDE END	56 18.2	56 18.7	56 19.5	56 28.2	56 29.8	56 27.6	56 38.2	56 42.8	56 47.6	56 55.9	56 55.7
LONGITUDE END	153 6.5	153 4.2	153 5.6	153 17.7	153 29.6	153 43.5	153 30.9	153 9.3	153 1.8	152 54.3	152 38.9
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	125	100	76	38	52	49	87	82	38	66	78
DURATION IN HOURS	0.50	0.50	0.50	0.10	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.80	1.80	1.75	0.35	1.65	1.65	1.70	2.10	2.00	2.10	1.80
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	6 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	56.4	9.0	171.0	3.0	5.0	21.2	733.4	4795.2	5.6	112.0	3598.8
PACIFIC COD	50.0	645.2	2139.0	291.0	0.0	14.4	437.6	520.0	10.0	217.8	405.6
PAC OCEAN PERCH	1470.0	41.4	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NORTHERN RKFH	78.4	10.2	9.6	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SHORTTRAKER RKFH	165.2	0.0	18.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEYE RKFH	0.0	3.2	2.8	0.0	0.0	0.0	56.4	81.6	0.0	0.0	124.2
SHORTSPINE TH	139.6	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	25.6	11.0	332.4	85.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
SABLEFISH	376.8	78.8	0.0	38.0	0.0	0.0	0.0	35.2	10.4	0.0	3.2
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	0.0	0.0	147.8	66.0	0.0	31.8	12.4	0.0	7.6	7.0	0.0
OTHER ROUND FISH	1.6	2.0	52.0	18.0	0.0	1.0	22.0	19.2	19.8	18.4	31.6
TOTAL ROUND FISH	2363.6	810.8	2879.6	512.0	5.0	68.4	1261.8	5451.2	53.4	355.2	4166.6
ARROWTOOTH FL	1913.6	3171.6	932.8	165.0	65.0	107.0	2440.0	2597.6	24.0	491.8	2890.4
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	20.0	60.6	137.8	92.0	0.0	2.2	2275.2	2040.8	128.2	735.8	880.8
ROCK SOLE	0.0	0.0	403.6	518.0	49.4	112.0	0.0	12.0	20.0	17.2	2.0
REX SOLE	140.0	180.6	397.6	93.0	0.0	0.0	0.0	8.0	0.0	138.4	57.6
DOVER SOLE	360.8	333.4	628.8	0.0	0.0	0.0	0.0	0.0	0.0	56.0	48.4
PAC HALIBUT	42.4	296.0	145.4	159.0	62.2	105.6	0.0	1403.6	123.0	465.0	991.6
OTHER FLATFISH	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	2476.8	4042.2	2652.2	1027.0	176.6	326.8	4715.2	6062.0	295.2	1904.2	4870.8
SKATES	0.0	99.0	51.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6
OTHER ELASMOBRH	0.0	14.2	0.0	0.0	12.0	30.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	113.2	51.2	0.0	12.0	30.0	0.0	0.0	0.0	0.0	10.6
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.2	10.8	8.8	0.0	50.0	10.8
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	0.8	0.8	361.8	247.0	9.4	2.0	0.0	0.0	19.4	0.0	120.0
TOTAL INVERTS	0.8	0.8	361.8	247.0	9.4	2.2	10.8	8.8	19.4	50.0	130.8
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	4841.2	4967.0	5944.8	1786.0	203.0	427.4	5987.8	11522.0	368.0	2309.4	9178.8

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	353	354	355	356	357	358	359	360	361	362	363
MONTH/DAY/YEAR	7/ 2/85	7/ 2/85	7/ 2/85	7/ 2/85	7/ 2/85	7/ 2/85	7/ 3/85	7/ 3/85	7/ 3/85	7/ 3/85	7/ 3/85
LATITUDE START	57 0.0	57 7.3	56 56.6	56 47.0	56 39.1	56 23.6	56 24.5	56 25.0	56 23.9	56 20.4	56 20.8
LONGITUDE START	152 31.3	152 4.0	152 15.0	152 29.0	152 42.1	152 36.9	152 40.1	152 35.1	152 35.6	152 41.5	152 41.5
LATITUDE END	57 1.2	57 7.9	56 55.6	56 45.5	56 37.5	56 23.4	56 23.3	56 23.8	56 23.3	56 22.1	56 22.1
LONGITUDE END	152 28.9	152 1.0	152 15.5	152 29.5	152 43.6	152 39.9	152 42.7	152 37.2	152 38.5	152 41.0	152 40.6
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	76	42	39	95	40	226	72	98	126	144	161
DURATION IN HOURS	0.50	0.50	0.33	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.75	1.75	1.13	1.70	1.70	1.75	1.90	1.80	1.70	1.75	1.75
PERFORMANCE / GEAR	0 /790	0 /790	1 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	3837.6	0.0	0.0	221.2	0.0	0.0	1515.8	218.8	75.2	56.4	14.8
PACIFIC COD	114.0	36.6	33.3	0.0	15.0	0.0	40.0	143.2	92.8	152.8	106.4
PAC OCEAN PERCH	0.0	0.0	3.0	0.0	0.0	0.0	9.0	1286.4	5632.8	721.2	92.8
NORTHERN RKFH	0.0	0.0	224.8	51.0	137.6	0.0	74.4	53.6	161.6	66.8	4.6
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	50.8	0.0	0.0	334.4	231.6	141.2
ROUGHEY RKFH	0.0	0.0	0.0	367.4	0.0	0.0	0.0	0.0	0.0	60.8	60.0
SHORTSPINE TH	0.0	0.0	0.0	0.0	0.0	200.4	175.0	43.6	690.4	494.8	393.2
OTHER ROCKFISH	11.6	0.0	200.9	0.0	0.0	0.0	17.0	11.2	59.2	55.2	0.0
SABLEFISH	3.2	20.4	0.0	210.0	0.0	6480.4	94.4	4176.4	4212.0	7740.8	4610.4
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	448.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	30.0	4.0	4.2	20.6	6.8	0.0	2.0	0.0	17.6	65.2	77.2
OTHER ROUND FISH	0.0	35.4	70.3	17.4	19.6	31.2	12.0	0.4	0.0	60.4	83.0
TOTAL ROUND FISH	3996.4	96.4	536.7	887.6	179.0	7210.8	1939.6	5933.6	11276.0	9706.0	5583.6
ARROWTOOTH FL	2278.4	10.2	0.0	5505.6	54.2	421.6	751.6	766.8	5546.4	1931.6	1540.4
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	668.8	0.0	0.0	668.4	0.0	0.0	4.8	0.0	0.0	8.0	0.8
ROCK SOLE	0.0	399.0	16.4	0.0	99.0	0.0	0.0	0.0	0.0	0.0	0.0
REX SOLE	646.0	0.0	0.0	73.2	0.0	21.6	99.8	17.2	48.0	56.4	35.4
DOVER SOLE	120.0	0.0	0.0	66.0	0.0	1354.0	327.2	46.0	600.0	424.0	365.2
PAC HALIBUT	435.0	488.8	8.2	6.2	1226.0	0.0	0.0	0.0	320.0	29.0	157.8
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	4148.2	898.0	24.5	6319.4	1379.2	1797.2	1183.4	830.0	6514.4	2449.0	2099.6
SKATES	0.0	7.0	0.0	12.8	0.0	25.6	0.0	0.0	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	14.6	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	7.0	0.0	12.8	0.0	25.6	14.6	0.0	0.0	0.0	0.0
TANNER CRAB	50.8	5.4	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.2	3.0
OTHER INVERTS	0.0	0.0	15.2	547.8	28.0	58.4	13.0	1.2	13.6	2.0	11.8
TOTAL INVERTS	50.8	5.4	15.2	551.8	28.0	58.4	13.0	1.2	13.6	122.2	14.8
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	8195.4	1006.8	576.4	7771.6	1586.2	9092.0	3150.6	6764.8	17804.0	12277.2	7698.0

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	364	365	366	367	368	369	370	371	372	373	374
MONTH/DAY/YEAR	7/ 3/85	7/ 3/85	7/ 4/85	7/ 4/85	7/ 4/85	7/ 4/85	7/ 4/85	7/ 4/85	7/ 4/85	7/ 4/85	7/ 5/85
LATITUDE START	56 32.8	56 33.3	56 32.5	56 32.0	56 27.5	56 25.6	56 38.8	56 44.2	56 47.3	56 44.2	56 45.9
LONGITUDE START	152 24.3	152 21.5	152 18.3	152 21.0	152 16.9	152 16.4	151 53.1	151 48.1	151 48.3	151 45.3	151 45.3
LATITUDE END	56 32.7	56 33.1	56 33.3	56 32.0	56 26.2	56 26.6	56 40.2	56 45.5	56 45.7	56 45.8	56 47.4
LONGITUDE END	152 27.3	152 24.7	152 22.3	152 17.9	152 19.0	152 14.5	151 51.3	151 46.3	151 49.6	151 44.0	151 44.3
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	134	101	73	118	190	213	108	136	72	237	158
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.70	1.70	1.80	1.75	1.75	1.60	1.70	1.70	1.75	1.75	1.70
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	5 /790	0 /790
POLLOCK	547.4	0.0	0.0	9.2	0.0	0.0	3464.0	217.2	8128.0	0.0	9.0
PACIFIC COD	86.8	107.4	0.0	88.0	0.0	0.0	123.4	78.0	20.0	0.0	11.0
PAC OCEAN PERCH	862.4	15856.2	0.0	3205.2	32.0	0.0	827.4	562.6	13.2	0.0	55.6
NORTHERN RKFH	10.0	642.2	13.2	120.8	0.0	0.0	73.2	8.0	12.0	0.0	0.0
SHORTRAKER RKFH	0.0	0.0	0.0	62.4	128.0	1002.8	12.4	0.0	0.0	0.0	116.0
ROUGHEYE RKFH	2.8	0.0	0.0	6.4	24.6	56.0	0.0	1.2	0.0	0.0	34.6
SHORTSPINE TH	23.6	0.0	0.0	54.0	127.6	141.0	0.0	327.6	3.6	0.0	205.0
OTHER ROCKFISH	16.8	407.4	94.0	42.0	0.0	0.0	0.0	22.6	0.0	0.0	7.4
SABLEFISH	2954.0	3465.0	0.0	4969.6	1598.8	588.6	630.8	1367.6	0.0	0.0	1380.2
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	98.0	512.6	0.0	0.0	0.0	0.0	0.0
SCULPINS	36.0	0.2	0.0	0.0	1.4	30.6	0.0	28.4	3.6	0.0	45.2
OTHER ROUND FISH	0.8	6.4	0.0	61.2	0.0	2.4	6.8	1.4	0.0	0.0	0.8
TOTAL ROUND FISH	4540.6	20484.8	107.2	8618.8	2010.4	2334.0	5138.0	2614.6	8180.4	0.0	1884.8
ARROWTOOTH FL	1321.4	645.2	249.6	1746.8	138.6	83.4	106.2	238.0	1785.6	0.0	246.2
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	9.0	0.0	2.8	69.6	6.8	0.0	7.0	5.2	290.0	0.0	1.0
ROCK SOLE	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	336.0	0.0	0.0
REX SOLE	117.0	26.2	59.0	92.8	39.8	12.2	0.0	426.4	137.6	0.0	69.6
DOVER SOLE	294.0	25.0	37.6	357.2	198.2	257.4	19.2	234.8	31.6	0.0	264.0
PAC HALIBUT	90.0	271.6	0.0	0.0	0.0	0.0	0.0	39.6	556.0	0.0	33.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	1831.4	968.0	351.0	2266.4	383.4	353.0	132.4	944.0	3136.8	0.0	613.8
SKATES	8.4	9.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	8.4	9.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0
TANNER CRAB	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	5.6	0.0	1.6	0.0	10.0	5.6	0.0	28.0	3.6	0.0	205.2
OTHER INVERTS	0.0	0.0	0.0	9.2	1.4	74.2	0.0	2.0	16.0	0.0	19.0
TOTAL INVERTS	5.6	0.0	1.8	9.2	11.4	79.8	0.0	30.0	19.6	0.0	224.2
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	6386.0	21461.8	460.0	10894.4	2405.2	2773.4	5270.4	3588.6	11336.8	0.0	2722.8

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	375	376	377	378	379	380	381	382	383	384	385
MONTH/DAY/YEAR	7/ 5/85	7/ 5/85	7/ 5/85	7/ 5/85	7/ 5/85	7/ 5/85	7/ 5/85	7/ 6/85	7/ 6/85	7/ 6/85	7/ 6/85
LATITUDE START	56 46.0	57 5.9	57 6.1	57 10.8	57 10.2	57 12.5	57 11.2	57 18.8	57 19.2	57 23.6	57 21.9
LONGITUDE START	151 43.6	151 15.6	151 11.6	151 6.0	151 6.5	151 3.5	151 9.0	150 34.1	150 34.8	150 28.5	150 39.3
LATITUDE END	56 47.5	57 6.2	57 6.4	57 12.2	57 9.7	57 11.3	57 12.3	57 19.7	57 20.6	57 22.7	57 23.0
LONGITUDE END	151 42.6	151 12.5	151 7.6	151 3.6	151 9.0	151 6.3	151 6.6	150 31.3	150 32.3	150 31.3	150 36.8
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	193	242	191	145	100	125	74	246	192	153	132
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.60	1.75	1.50	1.75	1.70	1.75	1.75	1.80	1.80	1.75	1.75
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	0.0	5.6	0.0	174.4	68.2	400.0	2239.6	0.0	0.0	78.8	252.4
PACIFIC COD	0.0	0.0	0.0	0.0	40.8	126.0	64.8	0.0	0.0	44.8	140.6
PAC OCEAN PERCH	5.6	0.0	0.0	456.8	633.0	2266.4	12.0	0.0	0.0	535.6	200.6
NORTHERN RKFH	0.0	0.0	0.0	20.0	0.0	37.2	0.0	0.0	0.0	4.0	8.8
SHORTRAKER RKFH	142.8	14.0	97.6	54.0	0.0	0.0	0.0	31.6	83.0	43.6	0.0
ROUGHEYE RKFH	238.2	0.0	49.8	0.0	0.0	0.0	0.0	0.0	7.0	22.0	2.2
SHORTSPINE TH	276.8	108.2	260.4	268.0	6.0	240.0	0.0	175.0	98.4	434.0	295.6
OTHER ROCKFISH	0.0	0.0	0.0	26.6	0.0	25.2	0.0	0.0	0.0	10.0	6.2
SABLEFISH	940.6	704.6	1000.6	4878.6	18409.2	1618.8	4830.4	1699.2	648.2	4432.0	2942.8
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	270.2	1412.0	22.8	0.0	0.0	0.0	0.0	1026.0	42.0	0.0	0.0
SCULPINS	20.6	0.0	10.8	13.0	4.0	13.4	0.0	0.0	0.0	28.4	19.0
OTHER ROUND FISH	0.6	2.4	0.0	0.2	0.0	13.2	0.0	6.0	6.4	0.0	0.0
TOTAL ROUND FISH	1895.4	2246.8	1442.0	5891.6	19161.2	4740.2	7146.8	2937.8	885.0	5633.2	3868.2
ARROWTOOTH FL	94.0	33.0	100.0	494.0	1042.0	673.2	2817.6	84.8	63.8	938.4	253.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	36.4	5.2	129.2	1.2	0.0	0.0	0.0	0.0
ROCK SOLE	0.0	0.0	0.0	0.0	0.0	0.0	88.0	0.0	0.0	0.0	0.0
REX SOLE	60.8	40.8	49.4	70.6	68.8	289.6	12.4	59.4	43.2	479.2	304.0
DOVER SOLE	288.0	219.8	167.6	83.4	29.6	596.0	142.8	466.8	76.4	928.4	306.8
PAC HALIBUT	36.8	0.0	0.0	39.6	1059.0	190.0	1835.4	0.0	0.0	32.8	150.2
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	479.6	293.6	317.0	724.0	2204.6	1878.0	4897.4	611.0	183.4	2378.8	1014.0
SKATES	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	81.6	90.0	34.0	10.4	0.0	2.4	0.0	12.4	279.8	140.0	2.6
OTHER INVERTS	34.6	16.0	14.6	4.0	0.0	2.0	4.0	54.0	0.0	0.0	0.0
TOTAL INVERTS	116.2	106.0	48.6	14.4	0.0	4.4	4.0	66.4	279.8	140.0	2.6
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	2491.2	2646.4	1807.6	6630.0	21365.8	6634.6	12048.2	3615.2	1348.2	8152.0	4884.8

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	386	387	388	389	390	391	392	393	394	395	396
MONTH/DAY/YEAR	7/ 6/85	7/ 6/85	7/ 6/85	7/ 6/85	7/ 6/85	7/ 7/85	7/ 7/85	7/ 7/85	7/ 7/85	7/ 7/85	7/ 7/85
LATITUDE START	57 24.9	57 22.3	57 22.1	57 27.3	57 31.5	57 42.3	57 59.7	58 5.3	58 10.1	58 7.0	58 0.8
LONGITUDE START	150 41.6	150 45.0	151 15.5	151 28.1	151 44.6	152 2.4	151 57.8	151 35.0	151 14.5	150 47.8	150 27.5
LATITUDE END	57 25.4	57 21.1	57 23.0	57 28.0	57 31.9	57 44.0	58 0.2	58 5.6	58 11.0	58 6.3	58 0.5
LONGITUDE END	150 39.0	150 47.1	151 17.0	151 31.8	151 45.6	152 0.9	152 0.9	151 32.1	151 11.8	150 45.0	150 24.3
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	101	74	60	89	86	67	95	84	74	82	92
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.17	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.75	1.70	1.70	2.10	0.58	1.80	1.70	1.70	1.75	1.75	1.70
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	1 /790	0 /790	0 /790	0 /790	5 /790	0 /790	0 /790
POLLOCK	258.0	0.0	5876.8	1756.4	58.8	1704.4	893.6	2788.4	18.8	15671.8	3204.8
PACIFIC COD	165.0	16.0	358.4	86.8	13.5	314.6	3722.0	757.6	8.8	1340.8	602.8
PAC OCEAN PERCH	538.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NORTHERN RKFH	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEYE RKFH	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0
SHORTSPINE TH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	3.2	0.0	0.0	0.0	20.0	7.6	0.0	0.0	0.0	0.0	0.0
SABLEFISH	491.0	11.0	0.0	0.0	0.0	4.2	255.2	238.8	0.0	153.6	431.2
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	17.0	0.0	0.0	3.6	26.5	0.0	0.0	265.6	7.4	0.0	0.0
OTHER ROUND FISH	0.0	0.2	236.8	0.0	40.0	0.8	0.0	2.4	49.0	0.0	0.0
TOTAL ROUND FISH	1476.2	30.8	6472.0	1846.8	158.8	2031.6	4884.8	4052.8	84.0	17166.2	4238.8
ARROWTOOTH FL	225.6	21.6	3808.0	994.0	76.5	345.0	1707.2	2175.6	8.4	3870.0	1758.8
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	28.0	1.2	84.0	2022.8	871.2	1218.0	642.0	188.0	18.4	2133.2	400.4
ROCK SOLE	0.0	6.4	725.6	8.8	0.0	62.0	3.2	8.0	0.0	28.8	0.0
REX SOLE	194.2	2.6	0.0	298.0	44.1	0.0	0.0	3.6	0.0	1328.8	1154.4
DOVER SOLE	261.2	0.0	0.0	253.6	0.0	0.0	5.6	22.0	0.0	1330.0	469.6
PAC HALIBUT	362.6	0.0	1144.4	756.8	241.2	88.2	269.4	494.4	0.0	818.4	288.0
OTHER FLATFISH	3.4	0.0	272.0	5.2	11.8	109.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	1075.0	31.8	6034.0	4339.2	1244.7	1822.2	2627.4	2891.6	26.8	9509.2	4071.2
SKATES	0.0	0.0	0.0	0.0	2.9	184.6	0.0	0.0	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	10.6	0.0	0.0	0.0	98.4	20.0
TOTAL ELASMOBRH	0.0	0.0	0.0	0.0	2.9	195.2	0.0	0.0	0.0	98.4	20.0
TANNER CRAB	0.0	0.0	0.0	2.4	21.8	9.6	29.8	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	0.0	0.2	0.0	0.0	0.0	0.0	40.0	12.0	0.0	0.0	0.0
TOTAL INVERTS	0.0	0.2	0.0	2.4	21.8	9.6	69.8	12.0	0.0	0.0	0.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	2551.2	62.8	12506.0	6188.4	1428.2	4058.6	7582.0	6956.4	110.8	26773.8	8330.0

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	397	398	399	400	401	402	403	404	405	406	407
MONTH/DAY/YEAR	7/ 7/85	7/ 7/85	7/ 8/85	7/ 8/85	7/ 8/85	7/ 8/85	7/ 8/85	7/ 8/85	7/ 8/85	7/ 8/85	7/ 8/85
LATITUDE START	58 0.5	57 47.6	57 29.8	57 32.2	57 33.7	57 35.0	57 38.2	57 35.0	57 45.7	57 47.8	57 46.4
LONGITUDE START	150 6.3	150 9.3	150 10.0	150 9.3	150 15.0	150 15.1	150 18.0	150 8.1	150 13.8	150 8.5	149 55.6
LATITUDE END	58 0.3	57 46.1	57 31.0	57 30.6	57 32.9	57 35.9	57 38.2	57 37.4	57 45.7	57 46.1	57 47.0
LONGITUDE END	150 3.1	150 10.6	150 8.0	150 11.6	150 18.0	150 12.3	150 20.8	150 10.1	150 13.8	150 8.1	149 54.0
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	149	111	246	189	150	130	71	100	68	99	137
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.02	0.50	0.50
DISTANCE FISHED	1.75	1.75	1.80	1.80	1.75	1.75	1.75	1.65	0.06	1.70	1.70
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	6 /790	0 /790	0 /790
POLLOCK	774.2	119.4	0.0	0.0	28.4	31.6	0.0	3.4	0.0	3024.8	60.0
PACIFIC COD	86.0	46.0	0.0	0.0	49.8	61.0	32.0	741.6	0.0	186.0	223.4
PAC OCEAN PERCH	7.0	0.0	0.0	0.0	99.8	606.4	13.0	128.0	0.0	24.0	12.0
NORTHERN RKFH	0.0	0.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0	30.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEYE RKFH	5.4	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	10.0
SHORTSPINE TH	98.0	4.0	149.8	11.2	210.6	187.4	4.0	2.0	0.0	0.0	322.6
OTHER ROCKFISH	0.0	0.0	0.0	0.0	9.4	19.4	0.0	0.0	0.0	0.0	51.0
SABLEFISH	4288.6	46.8	642.0	0.0	767.8	545.4	0.0	3281.6	0.0	3814.0	284.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	522.2	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	15.2	0.0	0.0	0.6	0.0	80.4	0.0	0.0	0.0	2.4	62.4
OTHER ROUNDFISH	4.0	14.0	1.2	0.0	0.0	0.4	32.6	0.0	0.0	24.4	0.0
TOTAL ROUNDFISH	5278.4	230.2	1315.2	61.8	1167.8	1548.4	81.6	4156.6	0.0	7075.6	1055.4
ARROWTOOTH FL	691.8	425.0	28.0	0.0	516.4	1624.0	218.8	150.0	0.0	3394.4	316.8
GREENLAND TURBOT	0.0	0.0	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	36.6	294.0	14.0	0.0	0.0	6.8	0.0	87.6	0.0	100.0	52.0
ROCK SOLE	0.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REX SOLE	350.0	675.4	90.0	0.0	255.8	202.6	4.4	340.2	0.0	424.4	433.0
DOVER SOLE	271.2	273.6	280.6	31.0	332.6	292.2	0.0	613.6	0.0	268.0	246.4
PAC HALIBUT	90.0	142.8	0.0	0.0	268.0	0.0	0.0	7.6	0.0	79.0	295.8
OTHER FLATFISH	0.0	0.0	0.0	0.0	1.4	0.0	0.0	31.2	0.0	0.0	0.0
TOTAL FLATFISH	1440.4	1812.8	428.4	31.0	1374.2	2125.6	223.2	1230.2	0.0	4265.8	1344.0
SKATES	0.0	0.0	5.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	0.0	5.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	113.0	40.0	12.0	2.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	34.4	0.0	6.0	29.0	20.6	7.2	0.8	0.0	0.0	0.0	149.0
TOTAL INVERTS	147.4	40.0	18.0	31.8	25.6	7.2	0.8	0.0	0.0	0.0	149.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	6866.2	2083.0	1766.6	134.6	2567.6	3681.2	305.6	5386.8	0.0	11341.4	2548.4

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	408	409	410	411	412	413	414	415	416	417	418
MONTH/DAY/YEAR	7/ 8/85	7/ 9/85	7/ 9/85	7/ 9/85	7/ 9/85	7/ 9/85	7/ 9/85	7/ 9/85	7/10/85	7/10/85	7/10/85
LATITUDE START	57 43.2	57 42.0	57 55.9	57 58.8	57 57.1	58 1.5	58 1.4	58 7.4	58 6.7	58 12.0	58 9.7
LONGITUDE START	149 48.0	149 43.1	149 15.5	149 17.1	149 10.1	149 22.1	149 25.8	149 22.0	148 52.8	148 49.0	148 51.5
LATITUDE END	57 44.4	57 43.5	57 55.6	57 58.0	57 58.0	58 1.4	58 3.0	58 7.9	58 7.0	58 10.4	58 11.1
LONGITUDE END	149 46.0	149 42.5	149 18.5	149 15.0	149 13.0	149 25.8	149 25.8	149 24.6	148 52.8	148 49.8	148 52.0
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	177	243	243	164	156	117	106	74	68	98	128
DURATION IN HOURS	0.50	0.50	0.50	0.33	0.50	0.50	0.50	0.42	0.10	0.50	0.50
DISTANCE FISHED	1.75	1.50	1.75	1.17	1.75	1.70	1.75	1.46	0.34	1.80	1.75
PERFORMANCE / GEAR	1 /790	0 /790	0 /790	1 /790	7 /790	0 /790	0 /790	1 /790	7 /790	0 /790	0 /790
POLLOCK	0.0	0.0	3.6	0.0	0.0	84.0	46.4	0.2	0.0	0.0	9.6
PACIFIC COD	0.0	0.0	0.0	30.0	97.4	241.0	143.0	463.3	0.0	649.8	119.0
PAC OCEAN PERCH	5.2	0.0	0.0	6.1	163.2	147.2	494.4	0.0	0.0	17.8	726.2
NORTHERN RKFH	1.8	0.0	0.0	0.0	0.0	30.0	36.8	275.0	505.0	0.0	9.0
SHORTRAKER RKFH	356.0	13.0	52.8	399.4	118.6	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEY RKFH	409.8	0.0	0.0	304.2	353.2	30.6	0.0	1.0	0.0	0.0	53.2
SHORTSPINE TH	252.0	213.8	53.0	563.3	341.0	100.6	6.8	0.0	0.0	0.0	22.2
OTHER ROCKFISH	0.0	0.0	0.0	0.0	19.0	10.0	10.0	61.9	76.0	0.0	37.2
SABLEFISH	862.6	1145.8	113.2	854.2	1380.2	127.0	408.6	13.3	0.0	68.4	2105.4
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADE	94.0	618.6	1353.6	26.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	48.6	33.0	4.4	577.0	86.0	130.6	42.2	6.0	10.0	0.0	17.8
OTHER ROUND FISH	0.0	0.4	8.0	63.6	0.0	4.4	0.0	15.0	17.0	0.0	5.4
TOTAL ROUND FISH	2030.0	2024.6	1588.6	2824.2	2558.6	905.4	1188.2	835.7	608.0	736.0	3105.0
ARROWTOOTH FL	210.6	28.6	11.2	309.1	1617.2	1321.4	586.6	436.7	0.0	159.2	254.2
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	0.0	0.0	188.8	392.2	46.0	0.0	0.0	0.0
ROCK SOLE	0.0	0.0	0.0	0.0	0.0	1.6	0.0	7.1	0.0	0.0	0.0
REX SOLE	19.4	66.8	0.0	0.0	2.8	631.4	468.2	39.0	11.0	58.4	2.4
DOVER SOLE	203.4	401.8	86.8	474.2	237.2	306.2	342.0	16.7	0.0	0.0	85.6
PAC HALIBUT	0.0	0.0	0.0	68.8	566.0	92.8	209.6	12.4	0.0	0.0	0.0
OTHER FLATFISH	0.0	0.0	2.0	0.0	10.0	3.2	2.8	0.0	0.0	0.0	0.0
TOTAL FLATFISH	433.4	497.2	100.0	852.1	2433.2	2565.4	2001.4	557.9	11.0	217.6	342.2
SKATES	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
TOTAL ELASMOBRH	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	9.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	10.0	6.0	0.0	34.5	10.0	6.2	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	0.4	19.4	0.0	15.2	0.0	7.4	8.0	13.1	0.0	2.2	46.2
TOTAL INVERTS	10.4	25.4	0.0	49.7	10.0	13.6	8.0	13.1	0.0	2.2	46.2
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	2473.8	2547.2	1688.6	3726.1	5010.8	3464.4	3197.6	1406.7	619.0	955.8	3502.4

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	419	420	421	422	423	424	425	426	427	428	429
MONTH/DAY/YEAR	7/10/85	7/10/85	7/10/85	7/10/85	7/10/85	7/10/85	7/11/85	7/11/85	7/11/85	7/11/85	7/11/85
LATITUDE START	58 5.3	58 9.2	58 13.5	58 28.5	58 30.9	58 29.5	58 31.1	58 21.3	58 29.8	58 55.4	58 57.2
LONGITUDE START	148 41.3	148 52.0	148 48.0	148 33.6	148 27.8	148 24.8	148 29.6	148 32.0	148 36.3	148 2.5	148 1.0
LATITUDE END	58 6.7	58 7.5	58 13.8	58 29.8	58 29.7	58 30.9	58 29.3	58 23.0	58 28.2	58 56.9	58 56.3
LONGITUDE END	148 41.3	148 52.0	148 47.0	148 32.3	148 29.8	148 22.8	148 31.1	148 31.8	148 38.0	148 1.0	148 4.0
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	177	142	227	118	97	314	185	146	77	254	192
DURATION IN HOURS	0.50	0.50	0.20	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.75	1.60	0.66	1.70	1.75	1.75	1.80	1.75	1.60	1.65	1.70
PERFORMANCE / GEAR	0 /790	0 /790	1 /790	0 /790	0 /790	0 /790	7 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	22.0	12.2	0.0	388.2	163.8	0.0	13.2	9.8	0.0	0.0	2.8
PACIFIC COD	11.4	49.4	0.0	180.0	2116.6	0.0	0.0	261.2	9456.0	0.0	0.0
PAC OCEAN PERCH	51.0	354.0	0.0	260.6	5838.4	67.0	0.0	91.8	224.0	0.0	3.4
NORTHERN RKFH	0.0	0.0	0.0	2.0	94.8	0.0	0.0	0.0	5613.6	0.0	0.0
SHORTRAKER RKFH	567.2	0.0	1150.0	0.0	0.0	0.0	309.6	26.2	0.0	0.0	124.8
ROUGHEYE RKFH	697.2	94.0	85.0	154.6	12.2	0.0	112.0	215.2	0.0	0.0	450.6
SHORTSPINE TH	26.8	40.4	556.0	71.4	0.0	15.0	325.8	306.4	0.0	22.4	193.4
OTHER ROCKFISH	5.0	7.0	0.0	53.8	231.4	0.0	0.0	23.4	13323.2	0.0	0.0
SABLEFISH	430.4	445.4	3389.0	988.8	306.4	18.0	1487.6	1510.0	0.0	124.4	746.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	2655.0	0.0	0.0	623.0	49.2	0.0	0.0	1242.0	10.0
SCULPINS	111.6	32.2	0.0	40.0	64.8	1.6	117.6	56.2	15.2	0.2	75.8
OTHER ROUND FISH	0.4	0.0	42.0	1.4	13.6	18.0	4.4	0.4	4.6	2.8	1.0
TOTAL ROUND FISH	1923.0	1034.6	7877.0	2140.8	8842.0	742.6	2419.4	2500.6	28636.6	1391.8	1609.8
ARROWTOOTH FL	384.4	109.0	483.0	111.4	571.8	20.0	568.4	175.8	169.6	0.0	180.8
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCK SOLE	0.0	0.0	0.0	0.0	6.0	2.0	0.0	0.0	92.0	0.0	0.0
REX SOLE	11.6	3.2	240.0	18.6	46.0	3.0	63.8	2.2	0.0	21.2	102.6
DOVER SOLE	47.8	28.0	620.0	47.0	144.2	32.0	126.0	32.0	0.0	24.0	110.0
PAC HALIBUT	0.0	108.8	0.0	0.0	0.0	0.0	0.0	0.0	342.2	0.0	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	443.8	249.0	1343.0	177.0	768.0	57.0	758.2	210.0	603.8	45.2	393.4
SKATES	0.0	0.0	0.0	0.0	0.0	62.0	0.0	0.0	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	0.0	0.0	0.0	0.0	62.0	0.0	0.0	0.0	0.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	0.0	115.0	17.6	0.0	0.0	5.0	6.8	0.0	0.0	59.0
OTHER INVERTS	6.0	47.0	0.0	4.4	0.0	0.0	3.0	27.0	0.0	9.0	3.4
TOTAL INVERTS	6.0	47.0	115.0	22.0	0.0	0.0	8.0	33.8	0.0	9.0	62.4
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	2372.8	1330.6	9335.0	2339.8	9610.0	861.6	3185.6	2744.4	29240.4	1446.0	2065.6

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	430	431	432	433	434	435	436	437	438	439	440
MONTH/DAY/YEAR	7/11/85	7/11/85	7/12/85	7/12/85	7/12/85	7/12/85	7/12/85	7/12/85	7/12/85	7/12/85	7/12/85
LATITUDE START	58 57.0	59 1.8	58 59.9	58 57.6	58 57.9	58 47.0	58 46.3	58 52.1	59 2.1	59 2.8	58 56.0
LONGITUDE START	148 6.3	148 7.1	148 4.0	148 6.3	148 29.1	148 31.1	148 59.5	149 0.0	149 1.1	149 19.3	149 29.0
LATITUDE END	58 56.0	59 2.0	58 59.8	58 57.1	58 57.8	58 45.4	58 46.3	58 53.6	59 1.1	59 2.7	58 54.5
LONGITUDE END	148 9.3	148 5.6	148 0.0	148 7.0	148 32.6	148 29.8	149 2.5	148 59.5	149 4.0	149 21.1	149 30.6
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	148	73	99	124	131	157	130	145	101	123	134
DURATION IN HOURS	0.50	0.28	0.50	0.15	0.50	0.50	0.50	0.50	0.50	0.33	0.50
DISTANCE FISHED	1.75	0.99	1.80	0.54	1.75	1.75	1.65	1.70	1.70	1.13	1.75
PERFORMANCE / GEAR	0 /790	1 /790	0 /790	1 /790	0 /790	0 /790	0 /790	0 /790	0 /790	1 /790	0 /790
POLLOCK	70.6	0.0	2.0	24.7	33.6	46.8	171.0	261.4	112.0	303.0	887.0
PACIFIC COD	134.8	0.0	351.0	498.7	313.0	8.8	14.6	11.6	118.8	0.0	0.0
PAC OCEAN PERCH	1519.4	194.6	1030.6	2838.0	270.6	49.0	37.2	0.0	972.4	0.0	2.6
NORTHERN RKFH	0.0	540.0	74.0	8.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0
SHORTAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0
ROUGHEYE RKFH	383.2	0.0	8.4	10.7	11.8	27.6	16.2	22.0	6.6	0.0	24.8
SHORTSPINE TH	819.0	0.0	0.0	146.7	157.0	691.2	104.0	55.6	7.4	0.0	4.4
OTHER ROCKFISH	3.8	120.0	583.4	426.0	249.4	6.6	0.0	0.0	0.0	0.0	0.0
SABLEFISH	429.8	75.7	108.0	268.7	247.0	2171.8	194.2	164.6	303.0	303.0	902.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	173.4	158.6	7.8	32.7	21.6	14.0	0.0	0.0	0.0	0.0	4.0
OTHER ROUND FISH	9.6	23.9	44.2	56.7	80.2	3.6	28.4	4.0	73.0	0.0	0.0
TOTAL ROUND FISH	3543.6	1112.9	2209.4	4311.3	1386.2	3019.4	565.6	519.2	1593.2	606.1	1838.8
ARROWTOOTH FL	373.4	66.8	431.8	651.3	120.0	168.6	142.6	138.6	182.0	0.0	194.4
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	2.2	0.0	21.0	0.0	2.4	0.0	12.0	0.0	2.6
ROCK SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REX SOLE	6.8	142.1	139.4	30.0	47.0	138.0	7.2	4.8	1.6	0.0	14.2
DOVER SOLE	60.0	31.1	90.2	0.0	10.2	45.6	27.0	20.0	0.0	0.0	35.2
PAC HALIBUT	0.0	139.6	0.0	0.0	154.4	0.0	0.0	437.0	78.2	0.0	69.4
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0
TOTAL FLATFISH	440.2	379.6	663.6	681.3	352.6	352.2	179.2	603.6	273.8	0.0	315.8
SKATES	71.0	0.0	0.0	140.7	0.0	2.4	0.0	0.0	0.0	0.0	4.4
OTHER ELASMOBRH	4.0	15.0	7.8	0.0	10.0	0.0	0.0	0.0	20.6	0.0	0.0
TOTAL ELASMOBRH	75.0	15.0	7.8	140.7	10.0	2.4	0.0	0.0	20.6	0.0	4.4
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	103.6	55.4	0.0	4.7	3.6	6.8	0.0	0.0	0.0	0.0	387.8
OTHER INVERTS	0.0	5.4	4.0	130.0	30.6	0.0	285.8	26.0	188.0	0.0	109.8
TOTAL INVERTS	103.6	60.7	4.0	134.7	34.2	6.8	285.8	26.0	188.0	0.0	497.6
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	4162.4	1568.2	2884.8	5268.0	1783.0	3380.8	1030.6	1148.8	2075.6	606.1	2656.6

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	441	442	443	444	445	446	447	448	449	450	451
MONTH/DAY/YEAR	7/13/85	7/13/85	7/13/85	7/20/85	7/21/85	7/21/85	7/21/85	7/21/85	7/21/85	7/21/85	7/22/85
LATITUDE START	58 49.4	58 48.8	58 49.4	53 10.7	53 9.7	53 2.9	53 6.5	52 45.9	52 45.6	52 42.8	52 24.9
LONGITUDE START	149 49.1	150 1.3	150 20.1	169 45.9	169 51.1	170 16.6	169 57.6	170 47.8	170 47.8	171 16.8	171 50.6
LATITUDE END	58 49.5	58 47.0	58 49.2	53 11.9	53 10.5	53 2.9	53 7.0	52 45.6	52 44.5	52 41.2	52 23.4
LONGITUDE END	149 52.6	150 0.8E	150 20.8	169 44.1	169 50.6	170 16.2	169 54.8	170 47.2	170 50.1	171 17.9	171 50.0
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	130	121	80	138	183	153	123	164	238	165	150
DURATION IN HOURS	0.50	0.50	0.08	0.50	0.23	0.08	0.50	0.17	0.50	0.45	0.50
DISTANCE FISHED	1.80	1.80	0.29	1.60	0.81	0.28	1.65	0.50	1.80	1.70	1.60
PERFORMANCE / GEAR	0 /790	0 /790	6 /790	0 /790	7 /790	6 /790	0 /790	6 /790	0 /790	1 /790	0 /790
FOLLOCK	1235.6	3219.6	112.5	2089.6	1226.5	0.0	32000.0	5530.6	0.0	1810.4	2144.0
PACIFIC COD	143.4	269.8	276.3	260.4	263.9	0.0	368.0	200.6	0.0	362.4	22.0
PAC OCEAN PERCH	0.0	36.6	62.5	2519.4	1600.0	0.0	52.0	48.8	4.6	393.8	40.0
NORTHERN RKFH	0.0	0.0	0.0	0.0	3.0	0.0	14.0	0.0	0.0	5.3	0.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	111.2	0.0	0.0
ROUGHEYE RKFH	16.6	8.2	0.0	75.2	3137.0	0.0	0.0	0.0	60.0	158.2	8.0
SHORTSPINE TH	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0
SABLEFISH	2661.4	1450.4	416.3	0.0	269.6	0.0	10.0	0.0	66.8	272.2	14.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	2.2	53.2	0.0	74.4	59.1	0.0	40.0	25.3	125.0	258.9	26.4
OTHER ROUND FISH	16.4	54.4	86.3	0.2	0.4	0.0	0.0	1.2	1.0	1.8	0.0
TOTAL ROUND FISH	4090.6	5092.2	953.8	5019.2	6559.6	0.0	32492.0	5806.5	368.6	3270.9	2254.4
ARROWTOOTH FL	370.6	394.2	4303.8	245.8	145.2	0.0	22.0	29.4	110.0	91.6	10.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	72.6	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	13.4	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCK SOLE	0.0	0.0	0.0	4.6	0.0	0.0	14.0	0.0	0.0	0.0	0.0
REX SOLE	33.8	3.8	62.5	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DOVER SOLE	39.2	26.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	186.8	45.6	0.0	0.0	0.0	0.0	0.0	29.4	154.4	188.4	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	643.8	481.6	4421.3	260.4	217.8	0.0	36.0	58.8	264.4	280.0	10.0
SKATES	23.0	30.0	0.0	0.0	0.0	0.0	30.0	26.5	47.4	66.4	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	23.0	30.0	0.0	0.0	0.0	0.0	30.0	26.5	47.4	66.4	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	15.1	10.0
SQUID	463.6	5.4	62.5	11.6	101.7	0.0	2.0	58.8	21.2	11.1	0.0
OTHER INVERTS	107.2	167.8	55.0	3.0	26.1	0.0	0.0	76.5	651.2	2590.7	0.2
TOTAL INVERTS	570.8	173.2	117.5	14.6	127.8	0.0	2.0	135.3	677.2	2616.9	10.2
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	5328.4	5777.0	5492.5	5294.2	6905.2	0.0	32560.0	6027.1	1357.6	6234.2	2274.6

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	452	453	454	455	456	457	458	459	460	461	462
MONTH/DAY/YEAR	7/22/85	7/22/85	7/22/85	7/22/85	7/23/85	7/23/85	7/23/85	7/23/85	7/23/85	7/23/85	7/24/85
LATITUDE START	52 28.9	51 57.6	52 5.4	52 9.2	52 9.2	52 12.9	52 26.7	52 17.2	52 16.6	52 15.4	52 12.5
LONGITUDE START	171 49.5	172 15.5	172 29.4	172 35.6	172 36.9	172 50.6	173 48.8	173 44.5	173 35.7	173 5.9	172 48.7
LATITUDE END	52 28.7	51 57.4	52 3.9	52 7.7	52 7.9	52 13.6	52 26.9	52 16.9	52 16.4	52 15.4	52 13.6
LONGITUDE END	171 49.1	172 12.6	172 27.2	172 33.6	172 35.5	172 53.0	173 46.0	173 41.5	173 36.5	173 8.4	172 50.5
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	318	142	87	85	77	92	100	101	65	77	90
DURATION IN HOURS	0.23	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.22	0.50	0.50
DISTANCE FISHED	0.58	1.90	1.90	1.75	1.65	1.70	1.70	1.80	0.50	1.75	1.60
PERFORMANCE / GEAR	1 /790	0 /790	0 /790	5 /790	0 /790	0 /790	0 /790	0 /790	1 /790	0 /790	0 /790
POLLOCK	39.1	324.6	0.0	0.0	0.0	5419.6	9896.8	2.4	3.6	1.0	7112.0
PACIFIC COD	0.0	0.0	710.2	14.0	1296.0	3660.6	1422.0	12.8	1426.4	44.0	1416.0
PAC OCEAN PERCH	0.0	166.0	24.4	0.0	0.0	0.0	2.0	0.0	38.2	1.4	0.0
NORTHERN RKFH	0.0	0.0	1.4	0.0	6.0	0.0	0.0	0.0	206.8	8.0	0.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEY RKFH	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SHORTSPINE TH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0
SABLEFISH	21.7	14.6	0.0	0.0	0.0	62.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	23.0	0.0	10.0	34144.0	0.0	0.0	0.0	0.0	19992.0
GIANT GRENAIER	178.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	0.0	96.4	262.0	5.0	394.4	14.0	0.8	2.0	21.4	16.6	339.0
OTHER ROUND FISH	0.4	1.8	0.2	0.0	0.0	0.0	0.4	1.6	22.3	0.0	0.0
TOTAL ROUND FISH	239.6	627.2	1021.2	19.0	1706.4	44308.2	11322.0	18.8	1728.2	71.0	28859.0
ARROWTOOTH FL	0.0	32.6	0.0	0.0	0.0	0.0	500.0	1141.2	21.4	74.0	22.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	30.0	28.8	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	93.0	22.3	7.0	0.0
ROCK SOLE	0.0	0.0	336.6	0.0	184.0	431.2	24.0	70.4	50.9	26.0	364.0
REX SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	9.1	0.0	0.0
DOVER SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	0.0	0.0	407.8	222.0	91.6	45.0	11.8	18.4	118.6	25.6	91.2
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	0.0	32.6	744.4	222.0	275.6	476.2	565.8	1360.4	222.3	132.6	477.2
SKATES	0.0	0.0	117.4	0.0	0.0	144.0	0.0	30.8	27.3	0.0	30.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	0.0	117.4	0.0	10.0	144.0	0.0	30.8	27.3	0.0	30.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.4	6.8	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	0.0	33.8	1306.8	40.0	461.0	6.0	533.6	962.0	1361.8	615.8	196.0
TOTAL INVERTS	0.0	47.4	1306.8	40.0	461.0	6.0	533.6	979.4	1368.6	615.8	196.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	239.6	707.2	3189.8	281.0	2453.0	44934.4	12421.4	2389.4	3346.4	819.4	29562.2

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	463	464	465	466	467	468	469	470	471	472	473
MONTH/DAY/YEAR	7/24/85	7/24/85	7/24/85	7/24/85	7/25/85	7/25/85	7/25/85	7/25/85	7/25/85	7/25/85	7/25/85
LATITUDE START	52 13.1	52 11.0	51 54.1	51 53.3	51 50.8	51 50.6	51 57.9	51 53.3	51 49.5	51 48.8	51 47.0
LONGITUDE START	172 53.9	172 43.5	173 35.5	173 57.7	174 1.0	173 57.1	173 59.0	174 58.9	174 56.2	174 56.8	175 1.9
LATITUDE END	52 12.2	52 10.0	51 54.1	51 53.8	51 50.3	51 51.1	51 56.0	51 53.3	51 49.9	51 48.6	51 47.2
LONGITUDE END	172 51.4	172 41.3	173 38.0	173 59.1	174 0.4	173 56.2	173 59.0	174 55.8	174 59.0	175 0.0	174 59.5
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	68	92	84	84	172	146	56	82	122	152	194
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.17	0.20	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.60	1.75	1.50	1.65	0.55	0.70	1.80	1.80	1.80	1.90	1.60
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	0 /790	1 /790	7 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	524.0	20.0	0.0	0.0	466.5	1500.0	0.0	5.2	3526.8	1821.6	193.0
PACIFIC COD	1336.0	600.0	2146.6	1435.2	0.0	0.0	292.6	219.6	151.6	70.0	0.0
PAC OCEAN PERCH	0.0	30.0	1380.0	8430.8	108.2	3000.0	1.6	0.0	33.8	627.0	49.8
NORTHERN RKFH	0.0	0.0	8202.2	1175.0	8.8	0.0	0.0	0.0	33.6	16.0	0.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	29.4	0.0	0.0	0.0	0.0	0.0	658.0
ROUGHEY RKFH	0.0	0.0	0.0	0.0	274.1	0.0	0.0	0.0	0.0	0.0	90.4
SHORTSPINE TH	0.0	0.0	0.0	0.0	8.2	0.0	0.0	0.0	0.0	29.6	31.2
OTHER ROCKFISH	0.0	0.0	1442.8	44.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	50.0	0.0	0.0	0.0	250.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	2175.0	65238.8	9755.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	55.0	20.0	22.2	46.0	14.7	0.0	22.0	11.8	7.2	1.8	10.0
OTHER ROUND FISH	0.0	0.0	23.2	44.0	0.0	0.0	0.0	0.6	0.0	2.0	0.0
TOTAL ROUND FISH	4090.0	65958.8	22972.6	11175.6	910.0	4750.0	316.2	237.2	3753.0	2568.0	1032.4
ARROWTOOTH FL	0.0	0.0	0.0	71.8	0.0	0.0	1.0	26.0	115.2	76.6	18.4
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCK SOLE	74.0	40.0	80.0	89.0	0.0	0.0	130.4	60.2	278.2	205.8	92.0
REX SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	39.4	35.4
DOVER SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	0.0	0.0	322.6	114.8	0.0	0.0	67.2	58.6	0.0	402.8	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	74.0	40.0	402.6	275.6	0.0	0.0	198.6	144.8	421.4	724.6	145.8
SKATES	50.0	0.0	0.0	0.0	0.0	0.0	23.6	44.4	0.0	30.0	11.4
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.0
TOTAL ELASMOBRH	50.0	0.0	0.0	0.0	0.0	0.0	23.6	44.4	0.0	38.6	11.4
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	29.8	26.6
OTHER INVERTS	34.0	0.0	0.0	530.8	167.1	50.0	60.0	20.0	0.0	5.6	0.0
TOTAL INVERTS	34.0	0.0	0.0	530.8	167.1	50.0	60.0	20.0	12.6	35.4	26.6
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	4248.0	65998.8	23375.2	11982.0	1077.1	4800.0	598.4	446.4	4187.0	3366.6	1216.2

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	474	475	476	477	478	479	480	481	482	483	484
MONTH/DAY/YEAR	7/25/85	7/26/85	7/26/85	7/26/85	7/26/85	7/26/85	7/26/85	7/26/85	7/26/85	7/26/85	7/27/85
LATITUDE START	51 45.8	51 45.8	51 46.5	51 48.8	51 50.9	51 34.9	51 35.2	51 37.0	51 39.0	51 31.0	51 30.5
LONGITUDE START	175 0.5	175 16.4	175 27.2	175 35.0	175 38.9	176 21.0	176 24.8	176 20.1	176 19.1	176 57.0	176 55.2
LATITUDE END	51 45.8	51 45.3	51 46.1	51 48.3	51 51.3	51 34.5	51 35.6	51 37.3	51 38.2	51 31.0	51 30.1
LONGITUDE END	175 3.5	175 18.2	175 29.9	175 38.4	175 35.7	176 23.2	176 22.0	176 17.7	176 22.0	176 54.8	176 58.0
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	246	191	122	100	81	246	189	148	103	142	164
DURATION IN HOURS	0.50	0.42	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.65	1.38	1.70	1.75	1.90	1.80	1.75	1.60	1.95	1.50	1.70
PERFORMANCE / GEAR	0 /790	1 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	0.0	11.0	691.4	3291.0	2288.6	4.0	840.8	480.4	1050.0	1890.8	428.0
PACIFIC COD	0.0	67.9	25.6	148.0	614.6	0.0	38.0	85.0	682.4	697.2	162.0
PAC OCEAN PERCH	13.4	9.0	24.8	20.0	0.0	0.0	13.2	31.6	51.0	7632.0	2441.8
NORTHERN RKFH	0.0	2.4	7.6	3.0	1.4	0.0	0.0	2.6	6.8	2.8	3.0
SHORTRAKER RKFH	177.6	164.3	0.0	0.0	0.0	0.0	439.8	45.4	0.0	0.0	255.6
ROUGHEY RKFH	21.2	1948.6	57.4	4.0	0.0	0.0	131.2	13.4	7.6	0.0	61.4
SHORTSPINE TH	10.0	50.7	3.6	0.0	0.0	8.8	6.0	6.0	0.0	0.0	22.0
OTHER ROCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	71.4	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	2.6	15.2	2.8	56.0	56.2	0.0	4.2	4.6	2.8	41.6	10.4
OTHER ROUND FISH	0.0	12.9	0.4	1.6	0.4	0.0	0.2	0.0	0.4	0.0	0.0
TOTAL ROUND FISH	224.8	2353.3	813.6	3523.6	2961.2	25.8	1474.8	669.0	1801.0	10264.4	3384.2
ARROWTOOTH FL	0.0	30.0	43.4	20.0	15.4	0.0	42.6	10.0	15.2	0.0	0.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCK SOLE	2.0	2.4	50.8	56.6	22.0	0.0	0.0	4.4	5.2	0.0	0.0
REX SOLE	2.6	7.1	0.4	5.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0
DOVER SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	0.0	0.0	179.0	0.0	111.8	0.0	0.0	52.2	11.8	0.0	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	4.6	39.5	273.6	84.6	149.2	0.0	45.4	66.6	32.2	0.0	0.0
SKATES	18.8	0.0	11.6	14.0	2.8	0.0	26.0	8.6	0.0	0.0	5.4
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.6	0.0	0.0	0.0
TOTAL ELASMOBRH	18.8	0.0	11.6	14.0	2.8	0.0	26.0	88.2	0.0	0.0	5.4
TANNER CRAB	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	6.0	12.0	10.0	0.0	0.2	4.4	5.4	0.0	0.0	28.8
OTHER INVERTS	0.0	66.7	77.0	0.0	0.0	0.0	52.6	42.4	339.2	0.0	224.0
TOTAL INVERTS	2.8	72.6	89.0	10.0	0.0	0.2	57.0	47.8	339.2	0.0	252.8
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	251.0	2465.5	1187.8	3632.2	3113.2	26.0	1603.2	871.6	2172.4	10264.4	3642.4

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	485	486	487	488	489	490	491	492	493	494	495
MONTH/DAY/YEAR	7/27/85	7/27/85	7/27/85	7/27/85	7/27/85	7/28/85	7/28/85	7/28/85	7/28/85	7/28/85	7/28/85
LATITUDE START	51 29.7	51 36.9	51 39.9	51 40.3	51 39.0	51 36.1	51 29.7	51 28.4	52 8.5	52 12.4	52 16.6
LONGITUDE START	176 55.7	177 10.6	178 16.8	178 25.8	178 28.0	178 13.9	178 30.5	178 30.0	179 42.6	179 49.0	179 47.3
LATITUDE END	51 29.4	51 35.9	51 39.4	0 0.0	51 38.1	51 37.5	51 28.5	51 27.1	52 10.1	52 15.3	52 18.4
LONGITUDE END	176 59.3	177 12.5	178 16.7	0 0.0	178 25.2	178 15.7	178 32.1	178 32.2	179 42.1	179 50.4	179 47.9
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	216	125	131	246	180	101	114	143	143	65	101
DURATION IN HOURS	0.50	0.50	0.13	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	2.20	1.60	0.48	1.50	1.50	1.80	1.70	1.80	1.60	2.90	1.80
PERFORMANCE / GEAR	0 /790	0 /790	7 /790	0 /790	1 /790	7 /790	1 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	11.4	2067.6	0.0	20.0	4271.2	0.0	14.6	1940.8	3719.4	20.4	8.4
PACIFIC COD	0.0	134.6	1010.0	31.0	468.8	0.0	1322.0	419.2	16.2	0.0	0.0
PAC OCEAN PERCH	26.0	48.4	23.1	12.0	70.2	0.0	348.2	1513.6	11.4	3.2	0.0
NORTHERN RKFH	0.0	1.0	0.0	6.0	16.6	0.0	8.6	12.0	0.0	0.0	0.0
SHORTAKER RKFH	26.0	6.6	0.0	8.6	144.6	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEYE RKFH	66.0	10.4	0.0	68.6	30.2	0.0	0.0	0.0	8.0	0.0	0.0
SHORTSPINE TH	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	1132.8	12.6	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	4.0	66.8	0.0	0.0	0.0
GIANT GRENADIER	24.2	0.0	0.0	502.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	5.4	16.0	115.4	27.6	146.6	0.0	98.8	18.0	22.6	0.0	3.8
OTHER ROUND FISH	15.6	1.0	0.0	0.6	6.8	0.0	0.0	36.8	0.4	0.0	0.0
TOTAL ROUND FISH	184.2	2285.6	1148.5	1809.4	5167.6	0.0	1796.2	4007.2	3778.0	23.6	12.2
ARROWTOOTH FL	0.0	24.6	94.6	218.6	296.4	0.0	1.0	16.0	48.0	0.0	2.6
GREENLAND TURBOT	0.0	0.0	0.0	10.8	0.0	0.0	0.0	0.0	35.4	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCK SOLE	0.0	16.4	17.7	6.4	10.0	0.0	27.0	0.0	5.0	2.0	154.0
REX SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DOVER SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	0.0	17.6	0.0	243.2	202.8	0.0	243.2	35.4	87.6	0.0	130.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	0.0	58.6	112.3	479.0	509.2	0.0	271.2	51.4	176.0	2.0	286.6
SKATES	0.0	0.0	0.0	8.0	24.0	0.0	0.0	0.0	50.2	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	0.0	0.0	8.0	24.0	0.0	0.0	0.0	50.2	0.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	10.6	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	4.2	11.0	0.0	6.0	55.6	0.0	0.0	10.4	7.6	0.0	0.0
OTHER INVERTS	132.0	30.0	723.1	60.0	0.0	0.0	64.0	0.0	850.6	72.4	0.8
TOTAL INVERTS	146.8	41.0	723.1	66.0	81.6	0.0	64.0	10.4	858.2	72.4	0.8
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	331.0	2385.2	1983.8	2362.4	5782.4	0.0	2131.4	4069.0	4862.4	98.0	299.6

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	496	497	498	499	500	501	502	503	504	505	506
MONTH/DAY/YEAR	7/28/85	7/28/85	7/29/85	7/29/85	7/29/85	7/29/85	7/29/85	7/29/85	7/29/85	7/29/85	7/30/85
LATITUDE START	52 21.6	52 22.4	52 28.1	52 33.8	52 30.1	51 14.2	51 14.7	51 14.8	51 16.3	51 18.9	51 28.5
LONGITUDE START	179 48.1	179 52.8	179 42.5	179 27.6	179 34.5	179 13.1E	179 8.5E	179 11.1E	179 8.8E	179 1.3E	178 34.0E
LATITUDE END	52 21.3	52 21.7	52 28.1	52 32.3	52 31.3	51 14.1	51 14.6	51 15.0	51 16.4	51 20.1	51 29.4
LONGITUDE END	179 48.3	179 50.1	179 44.0	179 28.9	179 32.6	179 10.3E	179 10.3E	179 7.3E	179 8.0E	178 59.5E	178 36.5E
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	110	124	56	88	77	219	149	118	49	98	143
DURATION IN HOURS	0.08	0.50	0.30	0.50	0.50	0.50	0.50	0.50	0.10	0.50	0.50
DISTANCE FISHED	0.29	1.80	1.10	1.80	1.70	1.80	1.40	2.30	0.30	1.75	1.70
PERFORMANCE / GEAR	6 /790	0 /790	1 /790	0 /790	0 /790	0 /790	0 /790	0 /790	6 /790	0 /790	0 /790
POLLOCK	0.0	1060.0	0.0	0.0	0.2	9.2	1942.0	35000.0	0.0	0.0	304.8
PACIFIC COD	0.0	51.2	1914.7	240.8	776.8	0.0	204.4	251.2	0.0	123.2	218.4
PAC OCEAN PERCH	7.5	133.2	63.3	0.0	0.0	0.0	2489.8	733.4	0.0	0.0	128.8
NORTHERN RKFH	0.0	0.0	271.3	0.0	0.0	0.0	0.0	22.0	0.0	0.0	3.4
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	18.4	0.0	0.0	0.0	0.0	0.0
ROUGHEY RKFH	8.8	6.4	0.0	0.0	0.0	26.2	114.8	0.0	0.0	0.0	60.0
SHORTSPINE TH	0.0	0.0	0.0	0.0	0.0	11.4	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	5436.7	361.4	42.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0.0
SCULPINS	11.3	6.8	20.0	0.8	20.4	10.6	127.6	0.0	0.0	1.2	274.2
OTHER ROUND FISH	0.0	0.4	2.7	2.8	0.4	0.0	0.4	0.0	0.0	0.0	6.6
TOTAL ROUND FISH	27.5	1258.0	7708.7	603.8	839.8	126.4	4879.0	36006.6	0.0	124.4	996.2
ARROWTOOTH FL	0.0	120.4	0.0	2.8	0.0	0.0	2.2	16.4	0.0	2.4	30.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	34.4	-0.0	0.0	0.0	0.0	38.0
FLATHEAD SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCK SOLE	0.0	6.4	27.3	73.6	8.8	0.0	0.0	25.0	0.0	56.0	40.0
REX SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DOVER SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
PAC HALIBUT	0.0	0.0	24.0	78.8	44.0	0.0	0.0	0.0	0.0	136.0	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	0.0	126.8	51.3	155.2	52.8	34.4	2.2	41.4	0.0	194.4	111.6
SKATES	0.0	46.4	0.0	33.8	20.8	80.0	0.0	0.0	0.0	0.0	114.4
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	80.0	13.2	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	46.4	0.0	33.8	20.8	160.0	13.2	0.0	0.0	0.0	114.4
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	7.6	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
SQUID	0.0	11.4	9.3	0.0	0.0	17.6	14.8	31.4	0.0	6.6	0.0
OTHER INVERTS	0.0	829.6	3080.0	168.0	0.0	10.0	0.0	0.0	0.0	140.2	71.0
TOTAL INVERTS	0.0	848.6	3096.0	168.0	0.0	27.6	14.8	31.4	0.0	146.8	81.0
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	27.5	2279.8	10856.0	962.8	913.4	348.4	4909.2	36079.4	0.0	465.6	1303.2

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	507	508	509	510	511	512	513	514	515	516	517
MONTH/DAY/YEAR	7/30/85	7/30/85	7/30/85	7/30/85	7/30/85	7/31/85	7/31/85	7/31/85	7/31/85	7/31/85	7/31/85
LATITUDE START	51 38.5	51 40.1	51 44.5	51 45.1	51 46.5	51 46.8	51 57.4	51 56.7	51 56.8	51 58.9	52 1.8
LONGITUDE START	178 20.5E	178 20.0E	177 48.3E	177 51.5E	177 51.3E	177 8.0E	176 43.8E	176 42.6E	176 41.6E	176 51.6E	176 58.0E
LATITUDE END	51 38.9	51 39.3	51 44.2	51 45.7	51 47.1	51 45.9	51 57.0	51 56.0	51 56.4	51 58.7	52 2.0
LONGITUDE END	178 21.1E	178 21.8E	177 51.0E	177 48.8E	177 48.0E	177 6.5E	176 43.1E	176 40.0E	176 39.0E	176 54.3E	177 0.5E
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	56	89	149	91	67	68	57	92	64	82	89
DURATION IN HOURS	0.22	0.50	0.50	0.50	0.50	0.42	0.17	0.50	0.50	0.40	0.50
DISTANCE FISHED	0.74	1.50	1.70	1.80	2.00	1.46	0.60	1.80	1.80	1.50	1.60
PERFORMANCE / GEAR	1 /790	0 /790	0 /790	0 /790	7 /790	1 /790	1 /790	0 /790	0 /790	1 /790	0 /790
POLLOCK	0.0	4.0	67.6	4.8	0.0	0.0	0.0	0.4	0.0	0.0	21.0
PACIFIC COD	231.8	1879.0	0.0	100.2	0.0	7.1	0.0	34.4	6.0	158.8	292.0
PAC OCEAN PERCH	60.0	2.6	1.8	8.0	0.0	0.0	0.0	72.4	20.0	1.0	51.0
NORTHERN RKFH	828.6	23.0	0.0	9.8	0.0	0.0	55.9	2105.4	1141.4	26.3	3.4
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEYE RKFH	0.0	0.0	0.0	2.0	0.0	0.0	17.6	94.0	29.0	0.0	0.0
SHORTSPINE TH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	1837.7	62.0	0.0	0.0	0.0	1.9	111.8	13.6	17.0	6.5	3.0
GIANT GRENAIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	5.9	41.0	1.0	2.8	0.0	0.0	0.0	0.4	0.0	2.0	10.8
OTHER ROUNDFISH	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.2	0.0	14.0
TOTAL ROUNDFISH	2964.1	2011.6	70.4	130.2	0.0	9.0	185.3	2320.6	1234.6	194.5	395.2
ARROWTOOTH FL	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	302.4
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROCK SOLE	0.0	70.0	29.0	264.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
REX SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DOVER SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	0.0	7.4	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	0.0	80.2	33.8	264.0	0.0	0.0	0.0	25.0	0.0	0.0	312.4
SKATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.0	0.0	40.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.0	0.0	40.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SQUID	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
OTHER INVERTS	1363.6	0.0	20.0	1.6	0.0	0.0	352.9	0.0	980.0	162.5	32.0
TOTAL INVERTS	1363.6	0.0	23.0	1.6	0.0	0.0	352.9	0.0	980.0	162.5	37.4
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	4327.7	2091.8	127.2	395.8	0.0	9.0	538.2	2345.6	2263.6	357.0	785.0

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	518	519	520	521	522	523	524	525	526	527	528
MONTH/DAY/YEAR	7/31/85	7/31/85	7/31/85	8/ 1/85	8/ 1/85	8/ 1/85	8/ 1/85	8/ 1/85	8/ 1/85	8/ 2/85	8/ 2/85
LATITUDE START	51 56.2	51 55.5	52 3.5	51 39.4	51 37.5	52 8.6	52 11.6	52 12.2	52 13.9	52 25.5	52 33.9
LONGITUDE START	176 42.8E	176 38.0E	176 27.8E	175 52.8E	175 38.8E	173 46.6E	173 42.6E	173 32.1E	173 14.0E	173 2.0E	172 56.1E
LATITUDE END	51 55.7	51 56.1	52 2.7	51 39.4	51 38.5	52 9.4	52 12.1	52 13.9	52 14.7	52 26.0	52 32.2
LONGITUDE END	176 40.5E	176 39.8E	176 29.3E	175 52.3E	175 36.6E	173 44.1E	173 42.0E	173 31.6E	173 11.3E	173 1.1E	172 56.8E
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	160	115	85	85	123	136	69	120	93	73	118
DURATION IN HOURS	0.50	0.50	0.50	0.07	0.50	0.50	0.17	0.50	0.50	0.22	0.50
DISTANCE FISHED	1.60	1.80	1.20	0.23	1.80	1.80	0.63	1.60	1.75	0.74	1.70
PERFORMANCE / GEAR	0 /790	0 /790	0 /790	7 /790	0 /790	5 /790	1 /790	0 /790	5 /790	1 /790	0 /790
POLLOCK	14.0	0.0	11.2	0.0	68.4	80.0	41.2	576.0	0.0	5479.1	4176.8
PACIFIC COD	54.8	46.0	106.0	0.0	0.0	0.0	37.6	346.0	0.0	248.6	80.0
PAC OCEAN PERCH	55.8	40.0	6.8	0.0	293.0	1.0	8.2	1350.0	0.0	81.8	8.0
NORTHERN RKFH	0.0	4.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	1868.6	4.8
SHORTRAKER RKFH	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROUGHEYE RKFH	211.4	7.0	0.0	0.0	0.0	7.2	10.0	0.0	0.0	0.0	0.0
SHORTSPINE TH	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	10.6	2.8	0.0	0.0	17.6	0.0	0.0	4.4	0.0	4.5	56.8
OTHER ROUNDFISH	2.0	0.2	0.2	0.0	34.6	0.0	0.0	1.8	0.0	0.0	0.0
TOTAL ROUNDFISH	390.6	100.0	137.2	0.0	413.6	88.2	97.1	2278.2	0.0	7682.7	4326.4
ARROWTOOTH FL	26.0	0.0	0.0	0.0	4.0	0.0	27.1	18.4	0.0	0.0	200.0
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FLATHEAD SOLE	0.0	0.0	0.0	0.0	2.8	1.6	233.5	30.0	0.0	9.1	430.4
ROCK SOLE	0.0	8.0	0.0	0.0	0.0	0.0	95.3	12.0	0.0	9.1	136.0
REX SOLE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	2.2	0.0	0.0	34.0
DOVER SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	128.0	8.0	0.0	0.0	7.0	1.6	355.9	62.6	0.0	18.2	800.4
SKATES	26.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	26.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	14.0
SQUID	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	276.6	31.6	6.0	0.0	59.0	0.0	499.4	0.0	0.0	136.4	0.0
TOTAL INVERTS	276.6	31.6	6.0	0.0	59.0	3.6	499.4	8.0	0.0	136.4	15.2
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	821.4	139.6	143.2	0.0	479.6	93.4	952.4	2348.8	0.0	7837.3	5142.0

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	529	530	531	532	533	534	535	536	537	538	539
MONTH/DAY/YEAR	8/ 2/85	8/ 2/85	8/ 2/85	8/ 3/85	8/ 3/85	8/ 3/85	8/ 3/85	8/ 4/85	8/ 4/85	8/ 4/85	8/ 4/85
LATITUDE START	52 41.0	52 55.9	52 55.5	53 0.8	52 56.0	53 20.4	53 17.9	53 16.2	52 49.8	52 50.8	52 52.1
LONGITUDE START	172 46.1E	170 58.1E	170 52.0E	171 2.3E	170 57.1E	170 43.6E	170 48.8E	170 39.5E	172 13.3E	172 17.6E	172 20.8E
LATITUDE END	52 42.0	52 55.2	52 55.3	53 2.1	52 55.9	53 20.4	53 17.8	53 14.8	52 49.9	52 50.8	52 52.9
LONGITUDE END	172 44.3E	170 55.5E	170 49.0E	170 57.1E	170 55.0E	170 46.8E	170 48.6E	170 39.5E	172 15.8E	172 15.5E	172 18.0E
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	92	115	92	149	103	265	164	115	218	161	100
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.05	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.60	1.80	1.75	1.70	1.70	1.75	0.15	1.70	1.70	1.45	1.80
PERFORMANCE / GEAR	0 /790	0 /790	7 /790	0 /790	0 /790	1 /790	6 /790	0 /790	0 /790	0 /790	0 /790
POLLOCK	143.4	1089.0	0.0	761.0	20.0	0.0	0.0	2499.2	0.0	4394.6	23466.0
PACIFIC COD	363.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	132.0	388.2
PAC OCEAN PERCH	0.0	42.0	0.0	4.0	300.0	0.0	0.0	7216.0	0.0	3.2	2.8
NORTHERN RKFH	0.0	0.0	0.0	2.0	30.0	0.0	0.0	422.4	0.0	0.0	0.0
SHORTRAKER RKFH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0
ROUGHEYE RKFH	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	2.4	0.0	0.0
SHORTSPINE TH	0.0	152.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER ROCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.8	19776.6	0.0	784.6	83190.0	0.0	0.0	24675.2	0.0	0.0	2.6
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	70.8	264.8	0.0	14.2	0.0	0.0	0.0	86.2	2.0	13.0	27.0
OTHER ROUND FISH	0.8	33.8	0.0	0.0	0.0	4.4	0.0	281.6	3.2	8.4	0.4
TOTAL ROUND FISH	579.2	21359.0	0.0	1565.8	83380.0	4.4	0.0	35180.6	12.0	4551.2	23887.0
ARROWTOOTH FL	289.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.8	7.6	114.2
GREENLAND TURBOT	0.0	48.4	0.0	0.0	0.0	0.0	0.0	0.0	54.0	25.0	0.0
FLATHEAD SOLE	34.8	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	32.0
ROCK SOLE	136.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	24.4
REX SOLE	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0
DOVER SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FLATFISH	469.8	48.4	0.0	14.6	0.0	0.0	0.0	0.0	77.4	32.6	170.6
SKATES	0.0	156.2	0.0	63.0	20.0	0.0	0.0	0.0	4.6	64.4	30.6
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	156.2	0.0	63.0	20.0	0.0	0.0	0.0	4.6	64.4	30.6
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	10.0	0.0	12.0	0.0	0.0	0.0	0.0	3.2	13.6	84.0
SQUID	0.0	8240.0	0.0	0.0	0.0	6.0	0.0	19.8	0.4	72.4	10.0
OTHER INVERTS	30.0	0.0	0.0	30.0	0.0	30.0	0.0	7.8	0.0	182.4	17.8
TOTAL INVERTS	30.0	8250.0	0.0	42.0	0.0	36.0	0.0	27.6	3.6	268.4	111.8
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	1079.0	29813.6	0.0	1685.4	83400.0	40.4	0.0	35208.2	97.6	4916.6	24200.0

POSEYDON 1985 HAUL AND CATCH DATA FOR GULF OF ALASKA

HAUL #	540	541	542	543	544	545	546	547	548	549	550
MONTH/DAY/YEAR	8/ 5/85	8/ 5/85	8/ 5/85	8/ 5/85	8/ 6/85	8/ 6/85	8/ 6/85	8/ 6/85	8/ 6/85	8/ 7/85	8/ 7/85
LATITUDE START	52 35.6	52 25.5	52 15.0	52 15.6	52 4.1	52 4.7	51 39.1	51 36.7	51 38.4	51 39.6	51 44.7
LONGITUDE START	173 27.1E	175 42.3E	175 49.8E	175 52.3E	175 53.8E	175 53.6E	175 31.8E	175 35.5E	175 39.6E	175 53.8E	175 56.5E
LATITUDE END	52 35.6	52 26.0	52 13.9	52 15.2	52 4.5	52 5.6	51 37.7	51 35.4	51 37.7	51 40.3	51 45.2
LONGITUDE END	173 25.0E	175 40.1E	175 51.8E	175 53.6E	175 54.3E	175 56.1E	175 33.6E	175 35.5E	175 42.1E	175 54.6E	175 57.5E
LORAN START											
LORAN START											
LORAN END											
LORAN END											
GEAR DEPTH	73	96	235	156	128	219	203	204	96	114	98
DURATION IN HOURS	0.50	0.47	0.50	0.25	0.13	0.50	0.50	0.50	0.50	0.33	0.25
DISTANCE FISHED	1.70	1.41	1.75	0.88	0.44	1.70	1.75	1.75	1.80	1.13	0.85
PERFORMANCE / GEAR	0 /790	1 /790	0 /790	1 /790	1 /790	1 /790	5 /790	1 /790	0 /790	0 /790	0 /790
POLLOCK	418.2	666.8	10.0	8670.8	46.2	0.0	0.0	10.4	96.6	0.0	0.0
PACIFIC COD	0.0	1034.5	0.0	140.0	0.0	0.0	0.0	0.0	20.8	0.0	224.0
PAC OCEAN PERCH	0.0	1.1	0.0	372.4	207.7	0.0	0.0	6.4	787.6	59.1	72.4
NORTHERN RKFH	0.0	14.3	0.0	5.2	0.0	0.0	0.0	0.0	214.0	4.2	11069.2
SHORTRAKER RKFH	0.0	0.0	60.6	0.0	0.0	0.0	0.0	585.0	0.0	0.0	0.0
ROUGHEYE RKFH	0.0	10.6	49.6	4.0	3.8	0.0	0.0	691.0	12.0	6.1	192.0
SHORTSPINE TH	0.0	0.0	4.0	0.0	0.0	0.0	0.0	76.6	0.0	0.0	0.0
OTHER ROCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.8	0.0	0.0	0.0
ATKA MACKEREL	0.0	4826.0	0.0	0.0	0.0	0.0	0.0	0.0	12153.4	0.0	12034.8
GIANT GRENADIER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	8.8	0.0	0.0	40.8	364.6	0.0	0.0	37.4	16.2	25.2	40.4
OTHER ROUND FISH	2.6	20.2	0.0	0.8	1.5	0.0	0.0	0.4	15.6	8.8	116.8
TOTAL ROUND FISH	429.6	6573.4	124.2	9234.0	623.8	0.0	0.0	1468.0	13316.2	103.3	23761.2
ARROWTOOTH FL	52.8	0.0	273.4	51.6	180.8	0.0	0.0	114.0	6.0	15.2	159.6
GREENLAND TURBOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	253.4	0.0	0.0	0.0
FLATHEAD SOLE	158.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
ROCK SOLE	1.0	28.9	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
REX SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	0.0
DOVER SOLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER FLATFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0
TOTAL FLATFISH	212.4	28.9	273.4	51.6	180.8	0.0	0.0	367.4	12.0	29.7	159.6
SKATES	0.0	0.0	0.0	0.0	27.7	0.0	0.0	0.0	269.6	180.0	302.8
OTHER ELASMOBRH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ELASMOBRH	0.0	0.0	0.0	0.0	27.7	0.0	0.0	0.0	269.6	180.0	302.8
TANNER CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GOLDEN KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	33.9	0.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.4	0.0	0.0	0.0
OTHER INVERTS	50.0	4.3	0.0	0.0	173.1	0.0	0.0	657.0	0.0	27.3	449.6
TOTAL INVERTS	50.0	4.3	0.0	0.0	173.1	0.0	0.0	726.0	0.0	61.2	449.6
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	692.0	6606.6	397.6	9285.6	1005.4	0.0	0.0	2561.4	13597.8	374.2	24673.2

SECTION III

Catch Rates, Average Individual Weights,
and Depth of Capture by Species

POSEYDON CRUISE 851

SPECIES PACIFIC HALIBUT

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
134	5909.8	14.9	93
56	3789.8	26.5	69
106	2623.6	4.8	44
70	2317.2	2.9	34
124	1942.6	57.1	73
102	1924.4	16.0	48
381	1835.4	51.0	74
35	1504.6	13.0	65
130	1464.0	19.8	69
156	1442.1	38.0	111
271	1409.8	30.6	111
349	1403.6	43.9	82
48	1354.0	45.1	63
45	1332.4	13.1	60
39	1238.0	18.2	79
357	1226.0	4.2	40
125	1203.8	28.7	79
86	1186.8	20.5	104
44	1157.6	19.3	76
388	1144.4	28.6	60
38	1117.8	18.6	92
139	1071.4	14.1	66
379	1059.0	66.2	100
68	1040.2	2.9	28
30	1009.6	16.3	63
352	991.6	26.1	78
101	981.4	8.8	48
142	969.0	10.8	24
197	950.0	190.0	66
83	933.4	11.1	94
5	912.0	24.0	81
23	899.4	11.0	65
177	893.8	17.2	103
144	876.9	38.1	139
133	876.0	18.3	61
109	851.8	18.5	45
395	818.4	31.5	82
88	773.2	12.5	75
112	758.6	15.8	63
79	757.6	13.1	82
389	756.8	75.7	89
136	756.2	63.0	51
117	723.4	24.1	90
123	712.2	89.0	91
150	707.4	9.8	125
33	701.2	11.0	168
24	692.0	10.5	60
220	691.4	15.7	68

POSEYDON CRUISE 851

SPECIES PACIFIC HALIBUT

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
313	689.6	28.7	113
54	684.0	48.9	63
137	674.4	17.7	39
77	666.4	33.3	84
107	621.0	4.8	22
31	603.8	15.9	79
114	602.0	20.1	81
95	571.6	22.0	125
412	566.0	141.5	156
372	556.0	34.8	72
218	524.6	7.7	66
66	508.6	6.9	64
103	505.2	14.0	55
393	494.4	41.2	84
147	491.5	18.2	111
354	488.8	5.2	42
120	484.8	48.5	49
152	483.9	16.1	128
71	478.2	3.5	34
351	465.0	23.3	66
105	447.8	7.5	42
75	446.4	15.9	67
176	439.4	9.7	89
437	437.0	218.5	145
353	435.0	31.1	76
87	425.8	11.8	59
73	423.0	9.2	59
454	407.8	11.3	87
27	404.0	13.5	68
472	402.8	40.3	152
74	393.0	7.9	46
34	392.8	12.3	71
161	392.5	19.6	109
145	387.8	25.9	118
160	371.3	14.9	126
72	370.6	5.5	63
386	362.6	36.3	101
108	361.2	30.1	50
46	356.2	16.2	81
143	355.4	19.7	139
248	352.0	16.0	80
427	342.2	42.8	77
153	341.8	11.3	120
28	334.2	7.3	84
49	334.0	27.8	68
465	322.6	10.8	84
361	320.0	32.0	126
131	317.4	52.9	39

POSEYDON CRUISE 851

SPECIES PACIFIC HALIBUT

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
100	315.0	17.5	48
266	314.2	31.4	65
210	312.0	8.7	93
146	310.0	28.2	118
81	305.0	11.7	50
234	299.4	37.4	72
343	296.0	24.7	100
407	295.8	37.0	137
129	295.2	14.8	51
55	290.9	19.2	79
396	288.0	144.0	92
85	286.6	15.9	55
98	281.2	17.6	56
314	280.6	46.8	84
90	279.2	15.5	87
4	272.8	13.6	72
365	271.6	27.2	101
118	269.4	11.2	74
392	269.4	19.2	95
401	268.0	44.7	150
224	261.2	13.1	60
154	259.2	21.6	128
198	250.4	5.2	87
119	249.6	6.9	40
127	249.0	31.1	79
251	248.4	24.8	134
128	245.6	13.6	68
488	243.2	60.8	246
491	243.2	40.5	114
390	241.2	20.5	86
36	240.0	12.0	63
276	239.2	17.1	66
20	238.4	6.0	69
178	238.4	29.8	136
245	234.0	11.7	60
113	231.6	11.6	63
227	230.8	11.5	77
206	227.0	7.6	108
455	222.0	27.8	85
258	221.2	27.6	174
21	218.6	9.1	46
22	217.4	6.4	53
32	215.4	4.9	73
332	215.2	9.8	71
40	209.8	17.5	81
272	209.8	52.5	85
414	209.6	21.0	106
170	209.4	4.6	48

POSEYDON CRUISE 831

SPECIES PACIFIC HALIBUT

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
217	206.0	28.8	227
244	204.2	34.0	71
121	202.8	14.5	66
489	202.8	101.4	180
257	198.0	99.0	150
151	197.4	13.2	114
221	192.4	16.0	90
318	190.6	15.9	104
380	190.0	47.5	125
204	189.8	13.6	167
450	188.4	84.8	165
441	186.8	46.7	130
189	184.0	3.7	100
476	179.0	29.8	122
99	175.0	8.8	52
149	174.3	11.6	137
250	173.6	14.5	160
296	172.2	17.2	131
259	171.8	28.6	193
76	170.6	12.2	147
80	170.2	17.0	93
262	170.2	17.0	109
1	170.2	11.0	99
183	166.0	5.5	57
61	165.0	1.4	27
261	164.0	11.7	98
301	159.4	26.3	132
345	159.0	4.0	38
363	157.8	78.9	161
434	154.4	77.2	131
449	154.4	77.2	238
163	154.1	11.9	128
270	154.0	46.2	96
172	152.2	12.7	89
111	151.4	15.1	63
385	150.2	37.5	132
25	145.8	10.4	65
344	145.4	18.2	76
311	143.4	71.7	126
267	143.0	35.8	92
398	142.8	35.7	111
265	141.4	35.4	192
91	141.0	11.8	84
431	139.6	39.1	73
505	136.0	17.0	98
194	132.4	7.4	123
495	130.0	16.3	101
241	129.8	16.2	119

POSEYDON CRUISE 831

SPECIES PACIFIC HALIBUT

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
159	129.2	18.5	109
181	129.0	4.0	64
232	129.0	32.3	224
273	128.8	21.5	90
275	127.6	16.0	80
195	123.6	4.1	93
350	123.0	20.5	38
63	119.8	8.4	56
460	118.6	26.1	65
185	116.2	7.3	113
466	114.8	9.6	84
478	111.8	55.9	81
3	111.4	8.0	72
141	109.0	54.5	25
274	108.8	27.2	112
420	108.8	54.4	142
29	108.4	7.7	69
155	107.6	12.0	115
60	106.4	3.0	25
207	105.6	26.4	74
347	105.6	3.8	49
285	105.2	26.3	230
216	104.8	26.2	190
126	103.0	25.8	67
231	103.0	51.5	175
306	103.0	51.5	150
337	102.6	25.7	194
518	102.0	25.5	160
233	101.8	25.5	90
148	101.3	11.3	117
209	100.4	5.0	74
201	97.0	24.3	195
264	97.0	16.2	157
212	95.0	15.8	155
211	94.4	11.8	118
246	94.2	9.4	66
413	92.8	15.5	117
456	91.6	11.5	77
462	91.2	7.6	90
157	91.0	22.8	71
242	90.8	15.1	145
364	90.0	45.0	134
397	90.0	45.0	149
190	89.6	4.5	63
188	89.3	12.8	155
391	88.2	14.7	67
493	87.6	43.8	145
302	87.4	43.7	159

POSEYDON CRUISE 831

SPECIES PACIFIC HALIBUT

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
199	87.0	7.3	126
43	86.2	10.8	88
249	85.0	14.2	112
47	82.8	3.5	24
171	82.0	5.9	52
214	81.8	5.1	116
406	79.0	19.8	99
499	78.8	19.7	88
284	78.6	19.7	193
138	78.2	39.1	48
438	78.2	39.1	101
104	77.2	3.9	50
84	76.9	5.4	61
269	76.5	13.0	143
162	75.9	8.4	134
335	75.6	18.9	90
116	73.6	36.8	104
165	72.5	8.1	118
208	71.2	11.9	59
320	70.6	17.7	149
440	69.4	34.7	134
411	68.8	22.7	164
205	68.6	8.6	142
226	67.8	6.8	53
52	67.6	8.5	42
303	67.2	33.6	183
469	67.2	4.8	56
122	65.2	32.6	106
196	64.6	10.8	62
346	62.2	3.1	52
42	60.8	15.2	63
62	58.8	9.8	66
470	58.6	7.3	82
202	56.8	7.1	157
26	54.2	9.0	85
37	53.2	8.9	76
53	53.0	13.3	60
481	52.2	26.1	148
322	52.0	26.0	192
67	51.4	1.6	18
192	48.8	24.4	168
252	48.8	24.4	218
69	47.2	3.4	61
442	45.6	22.8	121
59	45.0	11.3	63
457	45.0	7.5	92
256	44.0	22.0	131
295	44.0	22.0	150

POSEYDON CRUISE 851

SPECIES PACIFIC HALIBUT

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
500	44.0	22.0	77
115	42.6	21.3	109
342	42.4	21.2	125
371	39.6	19.8	136
378	39.6	19.8	145
304	38.2	19.1	235
315	38.2	19.1	188
375	36.8	18.4	193
492	35.4	8.9	143
223	35.3	6.0	55
300	34.2	8.6	100
374	33.0	8.3	158
135	32.8	2.3	56
184	32.8	3.3	95
229	32.8	16.4	130
384	32.8	16.4	153
92	31.8	5.3	60
299	30.4	15.2	73
312	30.2	5.0	105
448	29.4	5.0	164
362	29.0	7.3	144
461	25.6	6.4	77
253	25.2	6.3	67
514	25.0	12.5	92
247	24.0	6.0	61
498	24.0	7.2	56
281	22.8	11.4	68
286	22.8	11.4	114
339	22.0	11.0	159
236	21.0	10.5	143
78	19.8	2.0	28
228	19.2	9.6	60
243	19.0	9.5	87
459	18.4	9.2	101
50	17.8	1.8	24
486	17.6	8.8	125
166	17.5	8.8	164
164	17.2	15.8	111
193	16.6	4.2	148
65	16.4	4.1	59
158	15.8	15.8	124
222	15.2	7.6	115
282	13.2	6.6	102
415	12.4	5.2	74
458	11.8	5.9	100
482	11.8	5.9	103
323	11.2	5.6	153
219	10.6	5.3	95

POSEYDON CRUISE 851

SPECIES PACIFIC HALIBUT

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
64	10.0	5.0	77
355	8.2	2.7	39
529	8.0	4.0	92
404	7.6	3.8	100
508	7.4	1.9	89
356	6.2	3.1	95
324	5.8	2.9	69
41	5.6	2.8	43
277	4.8	2.4	60
51	3.8	1.9	32
173	2.4	1.2	49

POSEYDON CRUISE 831

SPECIES FLATHEAD SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
100	4408.0	0.6	48
105	2324.0	0.6	42
348	2275.2	0.5	87
395	2133.2	0.7	82
349	2040.8	0.5	82
389	2022.8	0.6	89
25	1946.8	0.9	65
106	1928.0	0.6	44
103	1634.0	0.6	55
53	1533.2	0.6	60
102	1404.0	0.5	48
133	1225.6	0.7	61
391	1218.0	0.6	67
23	1101.0	0.7	65
148	1013.4	0.7	117
99	899.0	0.6	52
2	881.0	9.6	82
352	880.8	0.5	78
390	871.2	0.7	86
30	823.0	0.7	63
101	794.4	0.5	48
54	791.8	0.7	63
138	785.0	0.7	48
351	735.8	0.5	66
353	668.8	0.5	76
356	668.4	0.5	95
392	642.0	0.6	95
159	576.0	0.7	109
108	539.4	0.7	50
274	515.0	0.5	112
273	462.2	0.4	90
528	430.4	0.3	118
245	426.2	0.4	60
396	400.4	0.8	92
414	392.2	0.4	106
37	392.0	0.0	76
34	348.0	0.9	71
31	310.0	0.7	79
26	308.0	0.6	85
24	301.2	0.5	60
40	294.0	0.8	81
398	294.0	0.6	111
154	291.5	0.7	128
372	290.0	0.9	72
137	286.0	0.6	39
151	276.4	0.6	114
55	272.7	1.0	79
128	267.4	0.5	68

POSEYDON CRUISE 831

SPECIES FLATHEAD SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
275	263.8	0.3	80
271	261.6	0.6	111
524	233.5	0.5	69
104	230.0	0.0	50
42	208.0	0.6	63
109	206.0	0.6	45
413	188.8	0.5	117
393	188.0	0.5	84
3	186.0	0.9	72
134	179.2	0.9	93
318	164.0	1.4	104
4	160.0	1.0	72
540	158.6	0.2	73
52	155.0	0.0	42
139	150.8	0.8	66
153	146.7	0.9	120
149	144.4	0.7	137
118	142.0	0.6	74
29	140.0	0.8	69
344	137.8	1.0	76
160	131.3	0.5	126
380	129.2	0.5	123
350	128.2	0.5	38
43	122.6	0.7	88
227	120.6	0.5	77
73	117.6	0.8	59
98	109.6	0.6	56
312	106.0	0.8	105
136	105.0	0.0	51
88	104.0	0.6	75
28	102.0	0.8	84
406	100.0	0.8	99
246	94.4	0.4	66
113	93.2	0.6	63
459	93.0	0.7	101
345	92.0	1.0	38
32	91.2	0.9	73
276	88.2	0.4	66
404	87.6	0.7	100
198	87.2	1.2	87
145	86.5	0.6	118
33	85.0	0.8	168
388	84.0	0.8	60
248	80.6	0.5	80
41	80.0	0.0	45
66	77.0	0.5	64
224	75.2	1.0	60
84	73.3	0.6	61

POSEYDON CRUISE 831

SPECIES FLATHEAD SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
117	70.0	0.7	90
367	69.6	0.4	118
152	67.8	0.4	128
85	67.0	0.5	55
74	63.0	0.9	46
143	62.6	0.8	139
146	61.5	0.8	118
343	60.6	0.4	100
35	60.0	0.9	65
70	54.0	0.8	34
278	52.4	0.7	74
407	52.0	0.7	137
225	48.6	1.1	57
1	48.3	0.7	99
119	48.0	0.0	40
129	48.0	0.5	51
131	47.0	0.0	39
415	46.0	0.5	74
205	44.6	0.8	142
171	42.4	0.9	52
155	41.0	0.6	115
220	40.0	1.7	68
125	39.6	0.7	79
72	39.4	0.8	63
44	38.4	0.7	76
397	36.6	0.6	149
378	36.4	0.5	145
87	36.0	0.7	59
529	34.8	0.4	92
319	34.4	2.2	118
27	34.0	0.6	68
38	34.0	0.7	92
539	32.0	0.7	100
130	31.2	0.7	69
45	31.0	0.7	60
121	31.0	0.9	66
49	30.0	0.0	68
112	30.0	0.0	63
525	30.0	0.7	120
83	29.0	0.7	94
199	29.0	0.4	126
22	28.0	0.7	53
172	28.0	0.8	89
386	28.0	0.5	101
97	27.6	0.9	36
68	27.0	0.9	28
15	26.2	0.6	69
36	25.0	0.9	63

POSEYDON CRUISE 851

SPECIES FLATHEAD SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
150	24.8	0.8	125
135	23.0	0.6	56
460	22.3	0.7	65
158	22.0	0.9	124
64	21.4	0.8	77
434	21.0	0.8	131
244	20.2	0.7	71
39	20.0	0.7	79
46	20.0	0.8	81
214	20.0	0.4	116
342	20.0	0.7	125
114	19.8	0.7	81
90	19.6	0.5	87
247	19.6	0.4	61
65	19.4	1.0	59
157	19.4	0.4	71
194	19.4	0.6	123
211	18.6	0.4	118
394	18.4	0.5	74
272	17.6	0.5	85
202	17.2	0.3	157
132	16.0	0.7	40
92	15.2	0.8	60
161	14.6	0.8	109
20	14.0	1.0	69
399	14.0	0.5	246
441	13.4	0.6	130
75	13.0	1.1	67
81	13.0	0.0	50
228	13.0	0.7	60
310	13.0	1.3	109
438	12.0	1.0	101
442	12.0	0.8	121
215	11.6	0.3	152
282	11.2	1.1	102
21	11.0	0.5	46
86	11.0	0.7	104
111	11.0	0.5	63
127	10.6	0.6	79
206	10.6	0.7	108
213	10.6	1.1	177
218	10.2	1.7	66
250	9.6	1.2	160
262	9.6	1.2	109
313	9.6	1.2	113
527	9.1	0.7	73
126	9.0	0.6	67
364	9.0	0.6	134

POSEYDON CRUISE 851

SPECIES FLATHEAD SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
277	8.8	0.3	60
184	8.4	1.4	95
362	8.0	1.0	144
204	7.6	0.6	167
309	7.6	1.1	96
13	7.5	0.7	44
120	7.2	0.9	49
315	7.2	1.2	188
209	7.0	0.5	74
370	7.0	0.4	108
461	7.0	0.9	77
368	6.8	0.7	190
402	6.8	0.9	130
193	6.4	0.1	148
261	6.4	0.8	98
210	6.2	0.8	93
69	6.0	1.0	61
323	6.0	1.0	153
233	5.6	0.7	90
297	5.6	0.7	97
59	5.2	1.3	63
91	5.2	0.5	84
371	5.2	0.5	136
379	5.2	0.5	100
302	4.8	0.8	159
359	4.8	0.5	72
509	4.8	1.2	149
219	4.6	2.3	95
532	4.6	2.3	149
339	4.4	0.6	159
173	4.2	1.1	49
296	4.2	0.7	131
47	4.0	1.0	24
144	4.0	0.7	139
266	4.0	0.7	65
63	3.6	1.5	56
147	3.5	0.6	111
270	3.3	1.0	96
178	3.2	1.6	136
207	3.2	0.8	74
301	3.0	1.0	132
76	3.0	0.5	147
477	3.0	1.5	100
253	2.8	0.7	67
366	2.8	1.4	73
522	2.8	1.4	123
440	2.6	0.7	134
183	2.4	1.2	57

POSEYDON CRUISE 851

SPECIES FLATHEAD SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
436	2.4	1.2	130
326	2.2	1.1	97
347	2.2	1.1	49
432	2.2	1.1	99
174	2.0	0.5	98
185	2.0	1.0	113
281	2.0	1.0	68
348	2.0	1.0	96
181	1.8	0.9	64
142	1.6	0.8	24
222	1.6	0.8	115
267	1.6	0.8	92
340	1.6	0.4	185
523	1.6	0.8	136
381	1.2	0.3	74
387	1.2	0.6	74
5	1.0	0.5	81
374	1.0	0.5	158
363	0.8	0.4	161
165	0.6	0.6	118
166	0.5	0.5	164
216	0.4	0.1	190
328	0.4	0.2	131
50	0.2	0.1	24
189	0.2	0.1	100

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SPECIES DOVER SOLE

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HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
115	11036.0	1.5	109
116	5236.0	1.8	104
86	2331.0	1.8	104
337	1770.0	1.7	194
304	1491.6	1.1	235
358	1354.0	2.0	226
395	1330.0	1.4	82
384	928.4	1.0	153
144	725.0	1.2	139
122	698.4	1.2	106
250	685.6	1.8	160
344	628.8	1.7	76
404	613.6	1.1	100
361	600.0	1.7	126
380	596.0	1.4	125
95	546.0	1.5	125
232	496.0	1.5	224
340	491.0	1.8	185
411	474.2	1.9	164
396	469.6	1.8	92
382	466.8	0.9	246
339	431.6	1.6	159
362	424.0	1.6	144
265	417.2	1.5	192
409	401.8	1.0	243
138	399.0	1.2	48
230	397.2	1.6	145
258	380.0	1.5	174
231	372.0	1.9	175
363	365.2	1.7	161
342	360.8	1.6	125
323	357.6	1.4	153
367	357.2	1.6	118
316	355.8	1.2	236
327	347.7	2.1	137
414	342.0	1.1	106
295	334.8	1.3	150
343	333.4	1.8	100
401	332.6	1.0	150
359	327.2	1.8	72
88	323.2	1.4	75
338	320.0	1.4	241
91	316.0	1.3	84
421	310.0	1.3	227
421	310.0	1.3	227
385	306.8	0.9	132
413	306.2	0.9	117
296	295.8	1.4	131

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
364	294.0	1.9	134
402	292.2	1.1	130
319	288.0	1.6	118
375	288.0	1.4	193
399	280.6	0.9	246
398	273.6	1.1	111
397	271.2	1.1	149
406	268.0	1.1	99
257	267.8	1.7	150
117	264.0	1.4	90
374	264.0	1.3	158
303	262.4	1.5	183
386	261.2	1.0	101
329	259.4	1.6	194
369	257.4	1.9	213
389	253.6	1.8	89
259	246.4	1.6	193
407	246.4	1.0	137
283	245.2	1.2	159
264	242.8	1.6	157
239	237.5	2.0	161
412	237.2	1.5	156
371	234.8	1.3	136
341	233.0	1.7	221
302	230.2	1.2	159
294	220.2	1.4	191
376	219.8	1.0	242
315	217.2	1.2	188
238	215.8	1.6	246
252	215.2	1.3	218
83	207.0	1.7	94
408	203.4	1.3	177
309	198.6	1.3	198
368	198.2	1.8	190
291	196.2	1.3	180
112	193.4	1.2	63
285	191.6	1.2	230
139	186.4	1.2	66
242	180.0	2.0	145
251	180.0	1.9	134
322	179.6	1.3	192
240	176.0	1.9	179
237	173.4	1.8	200
310	172.5	1.3	109
92	172.0	1.0	60
377	167.6	1.3	191
79	165.0	1.5	82
306	156.0	1.3	150

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
32	155.6	1.3	73
423	144.2	0.8	97
80	144.0	1.8	93
320	143.6	1.6	149
381	142.8	1.1	74
256	139.8	2.0	131
269	133.5	2.5	143
284	132.6	1.4	193
90	131.6	1.5	87
330	131.2	1.2	314
301	128.8	1.7	132
425	126.0	1.6	185
186	123.0	2.4	202
133	120.0	1.4	61
353	120.0	2.7	76
114	114.0	1.2	81
44	113.6	1.3	76
289	110.0	1.8	83
429	110.0	1.3	192
282	108.2	1.4	102
36	108.0	1.3	63
160	103.8	1.7	126
111	103.0	1.5	63
307	102.0	1.3	121
109	100.0	1.5	45
66	93.2	1.2	64
236	93.2	1.7	143
293	92.7	1.4	235
333	92.4	2.3	161
85	91.0	1.4	55
432	90.2	1.1	99
118	89.8	0.0	74
410	86.8	1.3	243
418	85.6	1.0	128
378	83.4	1.2	145
280	83.0	2.1	102
321	82.7	1.2	243
267	82.4	2.0	92
383	76.4	0.0	192
152	76.0	1.7	128
268	73.2	2.0	114
58	66.0	1.9	110
356	66.0	3.7	95
290	65.2	1.4	151
156	64.4	1.8	111
299	63.0	2.4	73
262	62.4	2.2	109
312	61.4	1.5	105

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HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
430	60.0	1.3	148
20	58.0	1.5	69
121	57.6	0.8	66
325	56.4	1.6	128
39	56.0	1.3	79
351	56.0	1.5	66
297	55.6	1.6	97
143	55.6	1.5	139
443	55.0	2.2	80
300	53.2	1.7	100
287	52.0	1.9	133
45	51.0	1.2	60
200	51.0	2.6	246
263	50.8	1.8	134
191	49.0	1.9	197
279	48.8	2.8	112
352	48.4	4.0	78
106	48.0	2.0	44
128	48.0	1.5	68
419	47.8	1.1	177
422	47.0	0.8	118
131	46.0	0.9	39
360	46.0	1.6	98
435	45.6	2.1	157
309	43.3	1.3	96
334	43.2	2.7	139
281	43.0	2.2	68
124	42.0	1.5	73
292	41.2	1.2	245
158	41.0	1.7	124
243	40.0	2.0	87
130	39.2	1.4	69
441	39.2	1.8	130
249	37.6	1.9	112
366	37.6	1.3	73
255	37.1	2.1	109
113	36.4	1.3	63
440	35.2	2.5	134
134	34.8	1.7	93
298	33.4	1.5	80
261	32.8	2.1	98
286	32.4	1.5	114
318	32.0	1.6	104
324	32.0	2.3	69
424	32.0	1.1	314
426	32.0	0.9	146
372	31.6	1.6	72
162	31.5	2.3	134

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SPECIES DOVER SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
84	31.4	1.7	61
431	31.1	1.5	73
400	31.0	1.1	189
379	29.6	1.2	100
147	29.5	1.1	111
154	29.5	1.2	128
163	29.3	1.7	128
217	28.6	2.4	227
420	28.0	1.2	142
1	27.4	1.4	99
5	27.0	1.5	81
436	27.0	1.7	130
56	26.2	1.6	69
442	26.0	1.3	121
123	25.4	0.8	91
365	25.0	2.1	101
161	24.4	2.4	109
98	24.4	1.5	56
24	24.0	1.7	60
150	24.0	1.2	125
428	24.0	1.2	254
146	23.0	2.1	118
270	22.7	2.3	96
229	22.0	1.6	130
393	22.0	0.7	84
274	21.0	2.6	112
308	20.4	1.5	250
204	20.0	1.7	167
437	20.0	1.3	145
370	19.2	1.6	108
87	19.0	1.4	59
136	19.0	0.6	51
59	18.0	1.3	63
151	17.6	1.5	114
153	17.6	1.2	120
23	17.4	1.7	65
415	16.7	1.2	74
248	16.6	1.7	80
57	15.0	2.5	98
135	15.0	1.1	56
149	15.0	1.3	137
271	14.8	1.9	111
185	14.2	1.8	113
335	14.0	1.8	90
126	13.6	0.8	67
125	13.2	2.2	79
129	13.0	0.7	51
179	13.0	6.5	150

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SPECIES DOVER SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
62	12.0	1.2	66
311	12.0	1.5	126
288	11.3	1.7	102
241	11.0	2.8	119
127	10.8	1.4	79
203	10.8	2.7	216
434	10.2	1.7	131
222	9.8	4.9	115
328	9.6	0.8	131
331	9.2	2.3	105
193	9.0	1.5	148
215	8.6	1.4	152
29	8.0	0.8	69
65	8.0	1.3	59
137	8.0	0.8	39
317	7.4	3.7	74
213	7.0	3.5	177
145	6.6	0.9	118
64	6.4	1.1	77
202	6.4	1.6	157
192	6.2	1.6	168
25	6.0	0.8	65
27	6.0	1.5	68
28	6.0	1.5	84
49	6.0	1.5	68
46	5.6	1.4	81
392	5.6	1.4	95
228	5.2	2.6	60
159	5.2	1.3	109
75	5.0	1.3	67
76	5.0	1.3	147
63	4.8	0.7	56
42	4.6	2.3	63
205	4.6	2.3	142
40	4.4	0.7	81
155	4.0	1.3	115
326	3.6	1.8	97
506	3.6	1.8	143
108	3.4	1.7	50
120	3.4	0.9	49
184	3.4	1.7	95
272	3.4	0.6	85
157	3.2	1.6	71
201	3.2	1.6	195
34	3.0	1.5	71
48	3.0	1.5	63
74	3.0	0.5	46
103	3.0	1.5	55

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SPECIES DOVER SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
206	2.6	1.3	108
266	2.6	1.3	65
3	2.0	1.0	72
21	2.0	0.5	46
22	2.0	1.0	53
73	2.0	1.0	59
99	2.0	1.0	52
119	2.0	1.0	40
132	2.0	1.0	40
276	2.0	1.0	66
60	1.2	0.6	25
104	1.0	0.5	50
105	1.0	0.5	42
166	1.0	1.0	164
214	1.0	0.5	116
141	0.4	0.2	25
142	0.4	0.1	24

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SPECIES REX SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
81	2062.0	1.8	30
395	1328.8	1.0	82
312	1159.6	0.9	105
396	1154.4	0.9	92
91	958.6	0.9	84
153	940.6	0.0	120
156	901.2	0.9	111
112	811.0	0.8	63
113	790.4	1.0	63
133	724.0	0.6	61
398	675.4	0.7	111
413	651.4	0.7	117
353	646.0	1.3	76
215	621.0	0.7	152
92	620.4	0.9	60
66	592.2	1.0	64
332	575.6	1.2	71
209	561.0	1.3	74
139	541.2	1.0	66
160	512.5	1.0	126
134	504.0	1.1	93
211	486.0	0.9	118
219	483.2	1.1	95
88	481.6	0.8	75
384	479.2	0.7	153
414	468.2	0.6	106
165	464.3	1.0	118
109	440.0	0.9	45
407	433.0	0.6	137
202	431.2	0.9	157
315	426.8	0.7	188
371	426.4	0.7	136
83	424.6	1.0	94
406	424.4	0.6	99
214	413.8	0.8	116
87	413.0	0.8	59
335	412.4	1.1	90
344	397.6	1.0	76
138	383.0	1.0	48
65	382.2	1.1	59
117	382.0	0.0	90
248	368.8	1.0	80
114	364.8	0.8	81
74	354.0	1.0	46
397	350.0	0.8	149
143	343.6	0.9	139
404	340.2	0.8	100
261	327.2	1.0	98

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SPECIES REX SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
319	307.2	1.0	118
385	304.0	0.6	132
212	303.0	1.2	155
80	301.0	1.0	93
389	298.0	1.5	89
380	289.6	0.6	125
199	286.0	0.9	126
73	276.4	1.1	59
310	268.5	0.9	109
262	259.6	1.0	109
144	259.0	0.6	139
124	258.0	0.0	73
401	255.8	0.6	150
210	248.0	1.4	93
216	242.4	1.0	190
251	241.2	0.8	134
318	240.4	1.1	104
320	214.8	1.0	149
85	213.0	0.7	55
265	211.2	0.8	192
337	210.8	1.0	194
69	210.0	0.6	61
118	204.0	0.0	74
402	202.6	0.7	130
201	198.8	1.2	195
258	196.0	0.9	174
322	195.2	0.9	192
386	194.2	0.6	101
59	186.2	0.9	63
300	180.8	1.0	100
343	180.6	0.9	100
250	180.0	0.9	160
323	178.6	0.9	153
324	172.0	1.2	69
297	170.8	0.9	97
158	165.0	1.0	124
264	164.8	0.8	157
289	162.0	1.2	83
236	160.8	0.8	143
278	154.8	1.0	74
205	152.0	0.8	142
218	147.4	0.9	66
249	146.8	1.0	112
295	145.2	0.8	150
243	142.8	0.9	87
431	142.1	0.5	73
304	141.2	0.8	235
342	140.0	0.9	125

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SPECIES REX SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
432	139.4	0.5	99
351	138.4	1.3	66
435	138.0	0.6	157
372	137.6	0.7	72
76	133.0	1.2	147
279	131.8	0.9	112
111	130.0	0.0	63
213	129.2	0.6	177
193	127.2	1.1	148
220	126.8	0.9	68
121	122.8	0.5	66
298	122.2	1.1	80
327	120.4	0.7	137
421	120.0	0.5	227
421	120.0	0.5	227
364	117.0	0.7	134
303	114.4	0.8	183
288	112.0	1.0	102
192	110.0	1.1	168
267	106.8	1.0	92
125	105.6	0.8	79
198	103.2	0.9	87
256	103.2	1.0	131
429	102.6	1.0	192
259	101.6	0.8	193
257	101.4	0.9	150
302	101.2	0.7	159
316	101.0	0.7	236
239	100.6	0.8	161
305	100.0	0.8	198
359	99.8	0.7	72
237	96.4	0.9	200
75	94.0	1.0	67
284	94.0	0.8	193
345	93.0	1.0	38
367	92.8	0.5	118
329	92.2	0.8	194
79	92.0	0.9	82
296	92.0	0.9	131
63	90.5	0.0	56
399	90.0	0.6	246
84	89.5	0.7	61
263	89.2	0.8	134
90	86.8	0.9	87
161	86.8	1.0	109
282	78.4	0.8	102
280	77.0	1.0	102
230	76.6	1.0	145

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SPECIES REX SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
71	75.0	0.9	34
166	74.4	1.0	164
86	74.0	0.8	104
356	73.2	0.9	95
131	73.0	0.8	39
339	71.2	0.9	159
378	70.6	0.6	145
222	70.4	1.0	115
286	70.4	0.9	114
374	69.6	0.8	158
240	69.0	0.8	179
379	68.8	0.8	100
122	68.4	0.5	106
72	67.8	1.1	63
326	67.6	1.1	97
409	66.8	0.6	243
77	66.4	1.0	84
425	63.8	0.4	185
443	62.5	1.0	80
309	62.4	0.9	96
58	62.0	1.1	110
270	61.0	1.2	96
375	60.8	0.7	193
382	59.4	0.6	246
204	59.2	0.5	167
366	59.0	0.7	73
417	58.4	0.5	98
352	57.6	1.6	78
206	56.6	0.9	108
362	56.4	0.8	144
252	55.2	0.8	218
255	52.9	1.1	109
224	52.0	1.0	60
283	51.6	0.8	159
136	50.0	0.6	51
172	50.0	1.0	89
175	50.0	1.0	153
333	50.0	1.0	161
377	49.4	0.7	191
294	48.8	0.7	191
307	48.8	1.1	121
242	48.0	0.6	145
361	48.0	0.9	126
334	47.6	1.1	139
194	47.2	1.0	123
434	47.0	0.6	131
120	46.8	0.6	49
116	46.0	0.0	104

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SPECIES REX SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
423	46.0	0.6	97
99	44.4	1.1	52
390	44.1	1.9	86
152	43.8	0.7	128
163	43.4	0.5	128
328	43.4	0.8	131
383	43.2	0.7	192
137	43.0	0.0	39
191	42.4	1.1	197
234	41.4	1.6	72
376	40.8	0.6	242
368	39.6	0.7	190
472	39.4	1.2	152
415	39.0	0.7	74
98	38.8	1.1	56
232	36.8	0.8	224
217	35.7	1.1	227
363	35.4	0.7	161
473	35.4	1.2	194
313	34.4	1.0	113
338	34.4	0.8	241
528	34.0	0.5	118
441	33.8	0.6	130
340	33.6	1.0	185
291	33.4	0.8	180
162	32.5	1.0	134
57	31.0	1.0	98
331	30.4	0.8	105
433	30.0	0.6	124
336	30.0	1.2	78
155	29.5	1.3	115
203	29.2	1.1	216
145	29.0	0.6	118
227	28.8	1.0	77
108	28.4	1.0	50
135	28.0	0.8	56
231	28.0	0.8	175
471	28.0	1.1	122
293	26.2	0.8	235
128	26.2	0.6	68
365	26.2	0.9	101
254	25.8	1.4	86
268	25.2	0.8	114
238	24.6	0.9	246
247	23.8	0.7	61
306	23.4	0.8	150
130	23.2	1.5	69
285	22.6	0.6	230

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SPECIES REX SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
272	22.4	0.7	85
119	22.0	0.0	40
358	21.6	1.1	226
325	21.2	1.1	128
428	21.2	0.4	254
200	21.0	0.8	246
301	20.6	0.9	132
246	19.4	0.4	66
408	19.4	0.7	177
244	19.0	0.6	71
276	19.0	0.5	66
60	18.6	0.8	25
422	18.6	0.0	118
174	18.0	0.8	98
360	17.2	1.1	98
269	16.5	0.9	143
129	16.0	0.7	51
321	15.2	1.0	243
66	15.0	1.1	64
549	14.5	2.4	114
271	14.4	1.2	111
440	14.2	1.0	134
223	14.1	1.2	55
277	14.0	1.2	60
195	13.8	0.5	93
154	13.5	0.9	128
241	13.2	0.6	119
381	12.4	0.8	74
369	12.2	1.0	213
106	12.0	0.5	44
266	12.0	0.9	65
245	11.6	0.2	60
419	11.6	0.6	177
416	11.0	0.6	68
48	11.0	1.4	63
56	10.7	1.5	69
314	10.4	1.0	84
207	10.0	0.8	74
444	10.0	1.7	138
126	9.6	0.7	67
127	9.6	0.7	79
221	9.2	1.2	90
460	9.1	1.0	65
95	9.0	0.8	125
229	9.0	1.5	130
64	8.6	1.4	77
290	8.6	0.9	151
459	8.6	1.1	101

POSEYDON CRUISE 851

SPECIES REX SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
186	8.2	1.0	202
44	8.0	1.0	76
103	8.0	1.0	55
105	8.0	1.0	42
274	8.0	0.4	112
349	8.0	0.2	82
62	7.6	0.8	66
292	7.6	0.8	245
311	7.6	1.0	126
436	7.2	0.6	130
475	7.1	1.5	191
157	6.8	0.9	71
430	6.8	1.1	148
273	6.4	0.2	90
281	6.4	1.6	68
185	6.2	1.0	113
55	6.1	1.0	79
132	6.0	1.0	40
54	5.4	1.4	63
164	5.1	0.5	111
477	5.0	0.5	100
189	4.8	0.8	100
437	4.8	0.6	145
299	4.6	1.2	73
403	4.4	0.7	71
341	4.2	0.7	221
20	4.0	1.0	69
53	4.0	1.0	60
102	4.0	0.4	48
442	3.8	0.5	121
177	3.6	1.8	103
330	3.6	0.9	314
393	3.6	0.3	84
420	3.2	0.4	142
104	3.0	0.5	50
424	3.0	0.5	314
275	2.8	0.3	80
308	2.8	0.7	250
412	2.8	0.7	156
480	2.8	0.7	189
387	2.6	0.7	74
474	2.6	1.3	246
197	2.5	0.5	66
22	2.4	0.4	53
418	2.4	0.4	128
171	2.2	0.4	52
426	2.2	0.6	146
525	2.2	1.1	120

POSEYDON CRUISE 851

SPECIES REX SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
45	2.0	1.0	60
170	2.0	1.0	48
184	2.0	0.5	95
187	2.0	0.2	159
529	2.0	0.5	92
438	1.6	0.8	101
537	1.6	0.8	218
82	1.2	1.0	24
228	1.2	0.6	60
21	1.0	0.3	46
52	1.0	0.5	42
24	0.8	0.4	60
208	0.8	0.1	59
253	0.6	0.3	67
32	0.4	0.2	73
476	0.4	0.2	122
5	0.2	0.1	81
28	0.2	0.1	84
522	0.2	0.1	123

POSEYDON CRUISE 831

SPECIES ROCK SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
388	725.6	0.8	60
137	677.0	0.5	39
345	518.0	0.5	38
457	431.2	1.0	92
344	403.6	1.4	76
354	399.0	0.9	42
208	385.6	0.9	59
462	364.0	1.1	90
454	336.6	1.0	87
372	336.0	0.7	72
107	279.2	0.0	22
471	278.2	0.7	122
510	264.0	0.7	91
220	251.2	1.1	68
218	219.2	1.3	66
472	205.8	0.8	152
183	202.0	0.7	57
456	184.0	1.0	77
224	183.0	1.4	60
67	157.0	0.9	18
68	156.0	0.0	28
495	154.0	0.9	101
195	146.0	1.4	93
71	144.0	1.6	34
528	136.0	1.0	118
529	136.0	0.9	92
109	132.0	0.6	45
469	130.4	0.5	56
142	123.6	0.3	24
347	112.0	0.8	49
223	102.4	0.6	55
198	99.4	1.5	87
357	99.0	0.5	40
524	95.3	0.6	69
427	92.0	1.0	77
473	92.0	1.1	194
466	89.0	0.9	84
381	88.0	0.8	74
465	80.0	0.9	84
167	78.4	1.3	60
463	74.0	0.8	68
499	73.6	0.7	88
70	73.0	1.3	34
459	70.4	1.2	101
508	70.0	0.6	89
225	67.1	0.7	57
184	65.0	0.8	95
105	64.0	0.8	42

POSEYDON CRUISE 831

SPECIES ROCK SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
171	64.0	0.8	52
260	63.8	1.1	60
391	62.0	0.9	67
470	60.2	0.4	82
97	59.1	0.8	36
207	58.0	1.5	74
228	57.2	1.5	60
477	56.6	0.6	100
505	56.0	0.8	98
173	54.6	0.5	49
245	53.0	0.8	60
226	52.0	0.7	53
460	50.9	1.0	65
476	50.8	0.7	122
197	50.5	1.7	66
346	49.4	0.9	52
176	48.5	1.5	89
138	43.0	0.0	48
72	41.8	2.6	63
253	40.8	1.0	67
185	40.2	0.8	113
464	40.0	0.0	92
506	40.0	1.2	143
177	39.4	2.0	103
140	38.8	0.6	34
168	36.7	1.4	74
141	36.6	0.4	25
190	35.6	0.7	63
541	28.9	1.1	96
395	28.8	0.8	82
299	27.8	1.2	73
498	27.3	1.0	56
491	27.0	1.5	114
509	27.0	1.0	149
461	26.0	0.7	77
503	25.0	1.6	118
539	24.4	1.0	100
60	24.0	0.8	25
458	24.0	1.5	100
478	22.0	0.8	81
108	21.4	0.5	50
61	20.8	0.6	27
350	20.0	0.6	38
487	17.7	0.8	131
182	17.5	0.3	60
351	17.2	0.8	66
486	16.4	1.2	125
355	16.4	0.3	39

POSEYDON CRUISE 831

SPECIES ROCK SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
50	16.0	0.9	24
189	15.4	1.0	100
332	14.4	1.4	71
447	14.0	1.8	123
194	12.8	1.6	123
349	12.0	1.5	82
523	12.0	1.0	120
131	11.0	0.9	39
196	10.4	1.0	62
164	10.0	1.8	111
489	10.0	1.7	180
517	10.0	1.3	89
532	10.0	1.3	149
147	9.3	1.1	111
527	9.1	0.7	73
389	8.8	0.7	89
500	8.8	0.9	77
181	8.6	0.3	64
247	8.6	1.1	61
277	8.6	0.9	60
63	8.3	0.4	56
103	8.0	1.0	55
393	8.0	1.0	84
519	8.0	1.0	115
206	7.8	1.3	108
415	7.1	1.5	74
69	7.0	1.2	61
32	6.4	1.6	73
387	6.4	1.1	74
488	6.4	1.1	246
497	6.4	1.1	124
209	6.2	0.8	74
45	6.0	1.0	60
104	6.0	0.8	50
132	6.0	0.8	40
423	6.0	1.0	97
139	5.2	0.4	66
482	5.2	0.9	103
175	5.0	0.8	153
227	5.0	1.3	77
493	5.0	1.3	145
188	4.9	2.1	155
219	4.8	1.2	95
248	4.6	1.2	80
281	4.6	2.3	68
444	4.6	2.3	138
481	4.4	1.1	148
27	4.0	1.0	68

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SPECIES ROCK SOLE

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
48	4.0	2.0	63
51	4.0	1.0	32
52	4.0	2.0	42
74	4.0	2.0	46
261	4.0	1.0	98
266	4.0	1.0	65
271	4.0	1.0	111
333	4.0	1.0	161
186	3.6	1.8	202
234	3.6	1.8	72
270	3.3	1.0	96
125	3.2	0.5	79
392	3.2	0.8	95
53	3.0	0.8	60
29	2.8	0.7	69
205	2.8	1.4	142
300	2.8	0.7	100
548	2.8	1.4	96
24	2.6	0.7	60
475	2.4	1.0	191
309	2.2	1.0	96
54	2.2	0.6	63
31	2.0	1.0	79
39	2.0	1.0	79
64	2.0	0.3	77
98	2.0	0.5	56
102	2.0	1.0	48
172	2.0	0.2	89
246	2.0	1.0	66
352	2.0	0.5	78
366	2.0	1.0	73
398	2.0	1.0	111
424	2.0	1.0	314
474	2.0	1.0	246
494	2.0	0.5	65
509	2.0	1.0	149
413	1.6	0.8	117
302	1.4	0.7	159
101	1.2	0.3	48
30	1.0	0.5	63
47	1.0	0.5	24
65	1.0	0.5	59
540	1.0	0.5	73
55	0.9	0.3	79
155	0.8	0.4	115
397	0.8	0.4	149

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SPECIES SABLEFISH

SPECIES SABLEFISH

SPECIES SABLEFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
379	18409.2	4.8	100
221	10786.4	3.6	90
323	9398.8	4.8	153
362	7740.8	6.2	144
325	7175.2	4.1	128
2	7048.4	4.6	82
307	6850.8	3.9	121
358	6480.4	6.8	226
283	6124.0	4.8	159
337	5285.2	5.9	194
1	5271.2	4.6	99
264	5268.4	5.0	157
268	5235.2	3.8	114
367	4969.6	4.8	118
378	4878.6	6.2	145
381	4830.4	4.0	74
363	4610.4	6.3	161
384	4432.0	5.8	153
397	4288.6	5.3	149
361	4212.0	5.9	126
360	4176.4	4.3	98
327	3903.0	6.1	137
333	3839.6	4.7	161
406	3814.0	4.5	99
115	3736.0	6.9	109
365	3465.0	4.8	101
404	3281.6	4.4	100
236	3018.8	4.2	143
364	2954.0	5.8	134
385	2942.8	6.1	132
144	2768.0	3.4	139
441	2661.4	6.4	130
134	2304.4	4.8	93
242	2185.6	4.0	145
302	2182.0	6.5	159
435	2171.8	6.0	157
125	2161.0	3.1	79
306	2128.8	4.5	150
418	2105.4	4.1	128
250	2038.4	4.4	160
149	1789.6	1.9	137
34	1765.0	4.5	71
304	1732.4	6.8	235
303	1712.8	7.1	183
382	1699.2	7.1	246
421	1694.5	6.8	227
421	1694.5	6.8	227
339	1632.0	7.3	159

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
5	1623.0	4.9	81
380	1618.8	6.0	125
368	1598.8	7.2	190
320	1544.0	5.8	149
426	1510.0	6.1	146
425	1487.6	7.2	185
442	1450.4	6.3	121
315	1416.4	5.9	188
322	1408.8	5.3	192
216	1408.6	4.8	190
28	1395.0	2.5	84
374	1380.2	6.4	158
412	1380.2	7.7	156
217	1373.8	5.5	227
371	1367.6	6.1	136
239	1299.4	4.6	161
215	1265.6	5.0	152
293	1242.4	5.8	235
222	1217.0	4.3	115
3	1174.0	6.5	72
37	1170.0	3.6	76
409	1145.8	6.4	243
488	1132.8	4.8	246
30	1126.0	2.7	63
212	1120.4	4.6	155
133	1092.8	4.3	61
179	1064.2	3.9	150
4	1056.4	2.8	72
340	1043.2	7.9	185
201	1025.2	3.6	195
213	1013.6	3.9	177
377	1000.6	6.9	191
422	988.8	4.5	118
284	948.0	4.9	193
375	940.6	6.8	193
263	911.0	2.8	134
40	902.0	0.0	81
440	902.0	6.8	134
269	897.6	4.9	143
204	876.6	4.4	167
408	862.6	7.3	177
411	854.2	7.8	164
329	815.0	6.4	194
122	812.4	4.4	106
311	806.0	4.1	126
118	805.0	2.5	74
191	799.2	3.6	197
240	785.4	5.3	179

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
148	781.0	3.0	117
401	767.8	5.4	150
287	760.2	4.5	133
116	750.0	5.8	104
319	748.8	4.3	118
429	746.0	7.9	192
117	730.0	4.6	90
258	720.4	5.1	174
376	704.6	6.5	242
230	692.0	5.2	145
265	684.0	4.4	192
124	658.0	3.2	73
267	656.6	4.1	92
203	655.4	4.0	216
383	648.2	6.2	192
301	643.3	6.2	132
334	642.4	3.8	139
399	642.0	5.6	246
370	630.8	5.5	108
202	627.2	3.4	157
219	618.2	3.4	95
257	609.2	3.8	150
291	605.2	6.6	180
316	599.2	6.0	236
290	595.0	4.5	151
369	588.6	8.0	213
31	569.6	2.6	79
25	552.8	2.1	65
162	551.5	3.0	134
285	546.8	6.7	230
402	545.4	4.7	130
205	517.6	2.9	142
199	492.4	1.9	126
386	491.0	4.7	101
192	486.6	4.2	168
27	474.0	1.9	68
166	458.2	3.6	164
95	458.0	4.7	125
159	447.2	2.2	109
420	445.4	4.1	142
396	431.2	4.7	92
419	430.4	6.9	177
443	429.8	7.7	148
163	416.3	4.8	80
163	413.8	6.0	128
414	408.6	5.4	106
143	408.4	3.8	139
328	407.0	5.0	131

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SPECIES SABLEFISH

SPECIES SABLEFISH

SPECIES SABLEFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
294	402.6	6.7	191
252	399.4	4.9	218
342	376.8	5.9	125
296	375.0	6.0	131
305	373.6	5.2	198
310	373.0	4.7	109
259	369.2	4.4	193
338	363.6	6.3	241
57	360.0	5.1	98
33	354.0	3.0	168
44	348.0	4.4	76
232	343.2	5.2	224
295	342.6	7.4	150
180	339.0	3.8	186
237	333.8	5.4	200
193	306.8	3.7	148
423	306.4	3.4	97
439	303.0	0.0	123
438	303.0	6.6	101
262	300.0	5.0	109
211	294.0	4.2	118
50	288.0	0.6	24
407	284.0	7.1	137
231	278.8	5.8	175
114	276.2	4.1	81
292	275.0	6.3	245
450	272.2	6.1	165
445	269.6	7.8	183
433	268.7	6.7	124
23	265.4	2.0	65
194	256.8	3.1	123
392	255.2	4.6	95
274	252.8	3.7	112
200	252.2	3.8	246
156	250.8	3.9	111
468	250.0	0.0	146
29	249.0	1.2	69
434	247.0	6.5	131
393	238.8	4.6	84
35	237.0	4.0	65
241	232.0	5.0	119
186	211.6	5.3	202
356	210.0	4.4	95
187	202.0	3.7	159
150	200.8	3.6	125
238	194.4	4.6	246
436	194.2	6.9	130
39	194.0	3.7	79

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
220	188.8	2.1	68
271	181.2	3.8	111
128	169.6	3.1	68
312	164.6	3.0	103
437	164.6	5.9	145
395	153.6	4.3	82
38	153.0	3.6	92
139	152.8	4.0	66
233	140.8	5.9	90
127	140.0	3.9	79
188	140.0	3.5	155
146	139.0	4.6	118
126	131.8	3.1	67
330	129.2	6.5	314
413	127.0	6.4	117
428	124.4	6.2	254
214	120.0	1.9	116
410	113.2	7.1	243
251	112.4	4.7	134
83	111.0	7.9	94
92	108.4	1.9	60
432	108.0	4.9	99
256	101.6	3.2	131
46	101.0	2.1	81
165	100.2	2.7	118
341	98.4	8.2	221
359	94.4	5.2	72
53	88.0	1.8	60
261	86.0	3.1	98
121	82.6	2.0	66
130	81.2	4.5	69
178	81.2	6.8	136
43	79.6	4.4	88
343	78.8	5.6	100
154	78.5	5.2	128
86	77.0	5.5	104
431	75.7	5.3	73
227	75.2	2.0	77
475	71.4	7.5	191
80	69.0	0.0	93
417	68.4	2.6	98
62	68.0	2.8	66
326	67.4	3.4	97
449	66.8	8.4	238
129	65.0	2.5	51
87	64.0	1.9	59
160	63.8	2.6	126
56	63.1	2.9	69

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
457	62.0	6.2	92
547	60.8	7.6	204
243	60.0	3.3	87
229	59.8	2.1	130
185	59.4	2.5	113
270	54.0	3.2	96
36	52.0	3.3	63
210	52.0	2.2	93
464	50.0	3.1	92
48	47.0	3.4	63
175	47.0	3.9	153
398	46.8	5.9	111
90	42.4	7.1	87
206	41.4	1.9	108
225	40.0	2.8	57
91	39.2	2.5	84
289	39.0	2.8	83
345	38.0	0.8	38
273	36.2	1.6	90
105	36.0	1.1	42
314	36.0	3.6	84
309	35.8	5.4	96
349	35.2	2.2	82
218	30.8	5.1	66
54	30.2	1.9	63
76	30.0	1.9	147
266	29.6	1.9	65
123	29.0	4.8	91
75	28.0	1.8	67
153	27.9	4.6	120
234	27.6	4.6	72
324	27.2	2.3	69
318	26.4	3.3	104
158	26.0	3.3	124
335	26.0	2.2	90
321	25.2	8.3	243
331	24.8	6.2	105
308	24.6	6.2	250
152	24.4	4.1	128
226	23.2	1.9	53
85	23.0	1.6	55
66	22.8	1.9	64
452	21.7	5.0	318
313	21.6	5.4	113
155	21.5	3.6	115
286	21.4	3.6	114
79	21.0	1.8	82
354	20.4	0.7	42

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SPECIES SABLEFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
244	20.0	1.7	71
424	18.0	9.0	314
49	17.4	8.7	68
249	16.8	2.1	112
32	16.0	0.7	73
102	16.0	1.6	48
98	15.2	1.9	56
103	15.0	1.3	55
453	14.6	7.3	142
246	14.4	1.2	66
451	14.0	7.0	150
415	13.3	5.6	74
479	13.0	3.3	246
489	12.6	6.3	180
65	12.2	2.0	59
288	11.3	1.7	102
109	11.0	1.1	45
387	11.0	2.8	74
350	10.4	0.9	38
300	10.2	5.1	100
272	10.0	1.7	85
297	10.0	2.5	97
447	10.0	5.0	123
145	9.1	1.3	118
161	8.5	2.8	109
64	8.2	4.1	77
51	8.0	0.7	32
174	8.0	4.0	98
245	8.0	1.0	60
195	7.4	3.7	93
113	7.2	1.2	63
72	6.6	1.7	63
20	6.4	1.1	69
209	6.2	3.1	74
45	6.0	3.0	60
104	6.0	0.5	50
151	5.6	0.7	114
164	5.4	2.5	111
247	5.2	1.3	61
59	5.0	2.5	63
391	4.2	2.1	67
119	4.0	2.0	40
138	4.0	2.0	48
275	3.2	1.6	80
352	3.2	0.8	78
353	3.2	0.8	76
69	3.0	1.5	61
101	2.0	0.5	48

POSEYDON CRUISE 851

SPECIES SABLEFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
276	1.6	0.8	66
7	1.4	0.7	41
24	1.4	0.2	60
74	1.0	0.5	46
22	0.8	0.4	53
73	0.8	0.4	59

POSEYDON CRUISE 851

SPECIES PACIFIC COD

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
427	9456.0	4.1	77
392	3722.0	5.3	95
457	3668.6	13.1	92
67	3236.0	4.4	18
465	2146.6	7.5	84
344	2139.0	4.7	76
423	2116.6	5.6	97
107	1994.0	3.5	22
498	1914.7	10.6	56
508	1879.0	10.0	89
466	1435.2	3.5	84
460	1426.4	5.9	65
458	1422.0	4.4	100
462	1416.0	10.7	90
395	1340.8	6.6	82
463	1336.0	9.7	68
491	1322.0	5.6	114
456	1296.0	7.2	77
60	1095.2	4.4	25
541	1034.5	7.4	96
487	1010.0	4.9	131
266	929.2	4.3	65
104	883.0	4.7	50
119	841.0	2.4	40
170	788.0	6.0	48
500	776.8	6.1	77
393	757.6	5.4	84
404	741.6	3.4	100
434	710.2	8.3	87
32	701.4	4.4	73
483	697.2	7.6	142
74	693.0	4.1	46
482	682.4	5.7	103
177	676.6	5.7	103
299	668.4	5.0	73
417	649.8	4.2	98
319	649.6	5.1	118
343	645.2	10.4	100
142	637.4	2.2	24
288	635.3	6.0	102
225	622.9	10.9	57
324	621.0	4.1	69
478	614.6	7.9	81
396	602.8	5.6	92
464	600.0	15.0	92
255	575.9	7.0	109
148	556.4	5.3	117
138	525.0	5.1	48

POSEYDON CRUISE 851

SPECIES PACIFIC COD

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
349	520.0	5.9	82
24	511.0	3.2	60
22	501.8	4.2	53
433	498.7	6.8	124
248	490.2	5.6	80
489	468.8	6.7	180
207	465.6	5.8	74
415	463.3	3.7	74
300	451.4	6.4	100
181	450.6	8.3	64
103	446.0	5.3	55
348	437.6	5.9	87
36	437.0	5.0	63
492	419.2	8.1	143
209	409.4	7.1	74
14	406.0	8.0	65
352	405.6	6.0	78
172	404.0	4.9	89
539	388.2	8.4	100
34	386.0	6.4	71
318	382.4	4.6	104
447	368.0	7.1	123
198	366.4	13.1	87
529	363.4	4.3	92
450	362.4	7.4	165
131	359.0	4.0	39
388	358.4	5.6	60
432	351.0	5.5	99
75	349.0	4.2	67
272	347.6	5.1	85
525	346.0	8.2	120
129	340.0	3.3	51
176	333.9	5.5	89
167	331.2	4.4	60
218	325.0	7.1	66
282	324.6	6.8	102
391	314.6	7.2	67
168	313.3	9.4	74
434	313.0	4.3	131
276	306.4	5.5	66
469	292.6	8.6	56
517	292.0	6.1	89
345	291.0	3.6	38
133	288.8	4.0	61
335	287.6	4.2	90
65	287.4	4.2	59
251	284.0	4.7	134
443	276.3	3.7	80

POSEYDON CRUISE 851

SPECIES PACIFIC COD

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
289	276.2	4.5	83
171	274.0	4.9	32
244	272.0	3.9	71
210	269.8	7.1	93
442	269.8	4.5	121
35	269.0	5.2	65
21	265.0	5.1	46
445	263.9	6.7	183
426	261.2	5.4	146
444	260.4	6.9	138
280	257.0	5.1	102
503	251.2	2.4	118
527	248.6	5.5	73
183	246.6	10.3	57
233	246.4	6.2	90
101	245.6	4.7	48
241	244.8	6.1	119
413	241.0	5.7	117
499	240.8	8.6	88
39	240.0	6.7	79
106	240.0	7.5	44
68	239.0	4.1	28
156	236.8	4.9	111
157	233.6	7.3	71
310	232.5	4.7	109
307	231.8	4.6	56
182	230.0	3.7	60
550	224.0	14.0	98
407	223.4	5.1	137
470	219.6	4.2	82
506	218.4	4.4	143
351	217.8	4.2	66
256	216.2	5.4	131
52	212.0	1.8	42
227	210.4	5.8	77
20	209.0	4.2	69
118	206.0	2.3	74
502	204.4	5.1	149
297	204.2	6.4	97
448	200.6	6.8	164
189	198.4	9.0	100
85	191.0	3.5	55
55	189.7	5.2	79
245	187.0	3.9	60
62	186.0	5.8	66
136	186.0	4.2	51
406	186.0	3.6	99
45	184.0	4.8	60

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SPECIES PACIFIC COD

SPECIES PACIFIC COD

SPECIES PACIFIC COD

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
253	182.0	7.6	67
162	181.5	5.5	134
195	181.4	8.2	93
249	181.2	5.7	112
331	181.2	3.2	105
320	180.8	6.5	149
422	180.0	6.0	118
178	178.0	5.9	136
111	177.0	4.2	63
92	175.6	3.3	60
174	170.0	7.1	98
147	169.5	8.9	111
144	167.0	4.4	139
153	166.7	6.9	120
77	166.0	5.9	84
386	165.0	6.9	101
100	164.8	5.2	48
108	164.0	5.1	50
87	163.0	3.0	59
484	162.0	5.4	164
184	160.2	8.9	95
314	159.2	4.4	84
516	158.8	5.3	82
143	156.2	6.5	139
362	152.8	5.5	144
70	152.0	3.6	34
471	151.6	2.9	122
267	150.0	5.4	92
477	148.0	5.7	100
230	145.2	6.0	145
441	143.4	6.0	130
360	143.2	6.0	98
414	143.0	6.0	106
219	142.6	10.2	95
312	141.4	5.1	105
385	140.6	5.9	132
246	140.2	3.2	66
128	140.0	5.0	68
224	140.0	3.0	60
543	140.0	5.8	156
197	136.5	5.5	66
59	135.0	5.2	63
430	134.8	6.7	148
486	134.6	6.7	125
84	133.3	5.6	61
194	133.2	6.7	123
328	132.4	3.9	131
42	132.0	7.3	63

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
538	132.0	6.6	161
190	130.8	8.2	63
236	130.8	4.1	143
301	130.3	6.1	132
31	130.0	5.9	79
105	130.0	5.4	42
264	128.0	10.7	157
298	127.4	5.8	80
185	126.2	5.7	113
380	126.0	5.3	125
161	123.8	5.9	109
370	123.4	3.4	108
505	123.2	4.4	98
309	122.4	4.2	96
243	122.0	4.1	87
188	121.2	6.5	155
418	119.0	4.0	128
438	118.8	4.0	101
113	118.0	1.4	63
121	116.6	5.3	66
353	114.0	4.8	76
120	113.4	2.8	49
63	113.1	4.8	56
211	109.6	7.8	118
30	109.0	6.8	63
175	108.0	3.6	153
226	108.0	3.4	53
365	107.4	3.8	101
363	106.4	4.8	161
520	106.0	8.8	85
196	102.6	4.7	62
254	101.5	4.8	86
208	100.8	6.3	59
221	100.4	5.0	90
510	100.2	6.3	91
412	97.4	5.4	156
155	95.0	6.3	115
247	95.0	2.5	61
1	93.4	4.9	99
145	93.0	5.8	118
361	92.8	5.8	126
229	92.2	5.1	130
102	90.0	5.6	48
134	90.0	7.5	93
72	89.2	5.6	63
367	88.0	5.5	118
139	87.0	7.3	66
150	86.8	5.4	125

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
364	86.8	4.3	134
389	86.8	5.4	89
281	86.2	4.3	68
270	86.0	4.3	96
397	86.0	6.1	149
481	85.0	6.1	148
56	84.5	5.1	69
37	84.0	0.0	76
66	80.8	4.5	64
228	80.0	2.7	60
528	80.0	4.0	118
73	79.4	3.6	59
371	78.0	4.9	136
91	74.4	5.3	84
137	74.0	2.5	39
154	74.0	7.4	128
279	73.5	4.2	112
61	73.3	4.4	27
273	72.6	5.2	90
327	72.3	5.7	137
125	72.0	7.2	79
286	70.2	5.8	114
160	70.0	2.8	126
472	70.0	3.5	152
44	69.6	5.8	76
112	69.4	6.9	63
206	68.8	6.9	108
475	67.9	5.7	191
28	67.0	6.7	84
140	66.3	1.8	34
381	64.8	4.1	74
151	62.0	5.6	114
402	61.0	5.1	130
257	60.8	4.3	150
158	58.0	4.8	124
518	54.8	5.5	160
130	54.6	4.6	69
132	54.0	3.9	40
277	53.6	4.5	60
90	52.8	2.9	87
497	51.2	8.5	124
173	50.8	4.2	49
93	50.0	2.0	34
342	50.0	12.5	125
401	49.8	8.3	150
420	49.4	4.9	142
33	47.0	4.7	168
326	46.8	3.9	97

POSEYDON CRUISE 851

SPECIES PACIFIC COD

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
83	46.6	5.8	94
220	46.4	3.9	68
398	46.0	4.6	111
519	46.0	5.8	115
307	45.6	5.7	121
260	45.2	3.8	60
384	44.8	5.6	153
461	44.0	4.4	77
46	42.0	7.0	81
49	41.2	5.2	68
40	41.0	4.1	81
379	40.8	4.1	100
26	40.0	6.7	85
359	40.0	5.0	72
480	38.0	4.8	189
152	37.8	6.3	128
524	37.6	3.2	69
258	37.6	4.7	174
261	37.2	9.3	98
354	36.6	1.7	42
54	36.2	4.5	63
165	35.3	7.1	118
332	35.0	2.5	71
514	34.4	5.7	92
214	34.2	5.7	116
355	33.3	1.0	39
5	33.0	8.3	81
76	32.0	5.3	147
403	32.0	5.3	71
323	31.8	5.3	153
109	31.0	3.1	45
488	31.0	5.2	246
411	30.0	5.0	164
48	30.0	5.0	63
205	30.0	5.0	142
135	29.0	3.6	56
146	29.0	5.8	118
187	26.6	6.7	159
271	26.0	6.5	111
476	25.6	2.1	122
268	24.0	6.0	114
325	24.0	6.0	128
242	23.2	3.9	145
69	23.0	3.8	61
262	22.4	5.6	109
29	22.0	5.5	69
81	22.0	3.7	50
451	22.0	11.0	150

POSEYDON CRUISE 851

SPECIES PACIFIC COD

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
199	21.6	5.4	126
548	20.8	10.4	96
159	20.4	5.1	109
23	20.0	5.0	65
372	20.0	2.5	72
127	17.2	8.6	79
164	17.0	5.2	111
263	16.8	4.2	134
234	16.6	4.2	72
311	16.4	4.1	126
493	16.2	8.1	145
88	16.0	4.0	75
387	16.0	4.0	74
317	15.2	2.5	74
334	15.0	7.5	139
357	15.0	1.3	40
163	14.7	4.3	128
436	14.6	7.3	130
347	14.4	1.4	49
215	14.2	7.1	152
296	14.2	7.1	131
71	14.0	3.5	34
455	14.0	7.0	85
390	13.5	2.3	86
274	13.0	6.5	112
459	12.8	3.2	101
124	12.0	2.0	73
437	11.6	5.8	145
212	11.4	5.7	155
419	11.4	5.7	177
3	11.0	5.5	72
374	11.0	5.5	158
222	10.8	5.4	115
193	10.6	5.3	148
204	10.2	5.1	167
306	10.0	5.0	150
329	10.0	5.0	194
350	10.0	0.8	38
13	9.6	4.0	44
4	9.0	4.5	72
126	8.8	4.4	67
394	8.8	4.4	74
435	8.8	4.4	157
38	8.0	4.0	92
512	7.1	3.0	68
515	6.0	3.0	64
51	5.0	2.5	32
80	5.0	2.5	93

POSEYDON CRUISE 851

SPECIES PACIFIC COD

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
97	4.5	1.5	36
47	4.0	2.0	24
50	4.0	2.0	24
114	3.8	0.1	81
141	3.8	0.2	25

POSEYDON CRUISE 851

SPECIES WALLEYE POLLOCK

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
11	105726.8	1.6	63
503	35000.0	1.8	118
447	32000.0	2.0	123
14	25837.2	1.2	65
539	23466.0	1.2	100
395	15671.8	2.0	82
106	15564.0	2.0	44
15	14841.7	1.6	69
173	12385.2	1.9	49
9	11393.0	2.4	16
458	9896.8	2.2	100
77	9564.4	1.8	84
543	8670.8	1.9	156
84	8497.1	1.6	61
372	8128.0	1.9	72
462	7112.0	2.6	90
457	6419.6	2.2	92
190	6090.0	1.8	63
388	5876.8	1.7	60
448	5530.6	2.3	164
527	5479.1	0.5	73
349	4795.2	2.1	82
87	4443.0	1.7	59
171	4435.6	0.3	52
538	4394.6	1.3	161
489	4271.2	1.9	180
528	4176.8	1.3	118
1	3904.0	1.8	99
353	3837.6	2.3	76
493	3719.4	1.4	145
233	3652.0	1.8	90
352	3598.8	2.4	78
18	3591.3	1.4	20
471	3526.8	1.5	122
370	3464.0	1.9	108
196	3459.6	1.9	62
477	3291.0	1.3	100
167	3261.6	1.5	60
442	3219.6	1.0	121
158	3207.0	1.7	124
396	3204.8	2.3	92
406	3024.8	2.0	99
148	2961.2	2.6	117
220	2810.8	2.1	68
13	2789.0	1.5	44
393	2788.4	1.7	84
181	2655.4	1.8	64
536	2499.2	1.6	115

POSEYDON CRUISE 851

SPECIES WALLEYE POLLOCK

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
182	2318.8	1.9	60
478	2288.6	1.6	81
207	2281.6	2.0	74
381	2239.6	1.9	74
101	2183.2	2.3	48
268	2164.0	1.7	114
451	2144.0	2.5	150
226	2132.0	2.0	53
444	2089.6	2.0	138
486	2067.6	1.6	125
502	1942.0	1.8	149
492	1940.8	1.9	143
483	1890.8	1.8	142
19	1838.6	0.4	31
472	1821.6	1.9	152
450	1810.4	2.2	165
147	1794.1	1.3	111
389	1756.4	2.2	89
391	1704.4	1.6	67
177	1695.2	1.6	103
152	1673.4	1.4	128
183	1539.6	1.6	37
359	1515.8	1.9	72
24	1503.0	2.1	60
468	1500.0	1.6	146
174	1475.0	2.5	98
81	1462.0	1.6	50
104	1449.0	1.8	50
85	1337.0	1.7	55
75	1274.0	1.6	67
70	1273.6	2.4	34
441	1235.6	1.1	130
445	1226.5	2.1	183
208	1209.6	2.0	59
21	1178.0	1.4	46
109	1104.0	1.7	45
530	1089.0	1.7	115
497	1060.0	1.4	124
482	1050.0	1.8	103
172	903.2	1.3	89
234	896.6	1.7	72
392	893.6	1.9	95
440	887.0	0.9	134
131	877.0	0.8	39
3	859.0	0.3	72
480	840.8	1.7	189
76	815.0	1.9	147
103	811.0	2.5	55

POSEYDON CRUISE 851

SPECIES WALLEYE POLLOCK

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
325	806.8	2.0	128
397	774.2	1.8	149
532	761.0	1.7	149
138	745.0	2.4	48
348	733.4	2.4	87
4	723.6	1.0	72
476	691.4	1.9	122
541	666.8	1.8	96
197	640.0	1.9	66
133	636.0	1.8	61
218	593.0	2.0	66
525	576.0	1.3	120
364	547.4	1.9	134
184	529.4	2.0	95
463	524.0	1.7	68
189	516.0	2.2	100
225	514.3	1.9	57
5	505.0	0.6	81
10	482.2	1.5	19
481	480.4	2.0	148
105	480.0	2.4	42
467	466.5	1.8	172
16	464.2	1.3	11
249	444.0	1.9	112
168	433.3	2.1	74
484	428.0	1.9	164
540	418.2	0.5	73
22	416.6	1.4	53
380	400.0	1.9	125
422	388.2	2.3	118
25	368.0	2.6	65
28	362.0	1.7	84
121	359.2	1.6	66
26	342.0	1.4	85
92	339.4	1.7	60
23	336.0	1.6	65
222	328.2	2.2	115
453	324.6	2.1	142
80	312.0	1.1	93
506	304.8	1.7	143
439	303.0	1.6	123
83	299.0	0.5	94
221	290.8	2.6	90
58	289.0	1.5	110
88	269.6	1.6	75
39	269.0	0.5	79
267	265.2	1.7	92
20	264.0	1.3	69

POSEYDON CRUISE 831

SPECIES WALLEYE POLLOCK

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
437	261.4	1.0	145
386	258.0	1.8	101
385	252.4	2.1	132
195	243.4	2.3	93
100	242.4	1.9	48
111	240.0	1.6	63
57	238.0	1.8	98
112	234.8	1.7	63
251	232.4	1.8	134
356	221.2	2.1	95
360	218.8	1.8	98
371	217.2	1.8	136
30	212.0	1.6	63
327	211.1	2.0	137
175	209.0	1.6	153
178	203.0	1.8	136
8	198.1	1.2	48
473	193.0	2.1	194
323	192.0	1.9	153
214	179.0	2.4	116
132	176.0	0.7	40
378	174.4	1.7	145
344	171.0	1.2	76
436	171.0	1.6	130
137	169.0	1.6	39
46	166.0	0.7	81
272	166.0	2.2	85
423	163.8	3.0	97
90	163.2	1.3	87
122	156.4	2.1	106
2	155.0	1.8	82
32	150.0	0.6	73
241	149.8	2.1	119
7	148.6	1.6	41
529	143.4	1.4	92
209	138.6	1.8	74
34	138.0	2.8	71
113	134.0	2.1	63
136	131.0	0.9	51
263	126.6	1.9	134
256	124.0	2.2	131
162	121.0	1.8	134
115	120.0	1.7	109
398	119.4	2.6	111
163	112.8	2.1	128
443	112.5	1.3	80
351	112.0	2.1	66
438	112.0	2.8	101

POSEYDON CRUISE 831

SPECIES WALLEYE POLLOCK

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
120	110.4	1.0	49
102	108.0	2.3	48
68	104.0	1.9	28
307	96.8	1.9	121
548	96.6	1.0	96
114	92.6	2.6	81
38	89.0	0.9	92
125	85.8	2.1	79
127	84.8	2.4	79
248	84.4	2.1	80
40	84.0	1.8	81
413	84.0	2.0	117
31	83.0	0.9	79
143	81.6	2.3	139
204	81.2	1.8	167
56	81.0	1.4	69
215	80.8	2.7	152
320	80.0	2.0	149
523	80.0	1.3	136
185	79.6	2.2	113
165	79.3	2.1	118
41	79.0	0.9	45
384	78.8	2.5	153
130	78.0	2.2	69
149	75.4	2.7	137
361	75.2	1.9	126
153	74.5	1.5	120
250	73.6	1.8	160
279	71.8	1.7	112
108	71.2	2.0	50
430	70.6	2.2	148
128	69.2	1.7	68
35	69.0	2.0	65
522	68.4	1.9	123
379	68.2	1.8	100
210	68.0	2.0	93
509	67.6	1.8	149
135	67.0	1.7	56
151	66.6	0.2	114
37	65.2	1.6	76
95	65.0	1.7	125
129	65.0	1.2	51
98	62.8	2.0	56
280	60.0	2.0	102
407	60.0	1.7	137
390	58.8	2.0	86
229	58.4	1.8	130
212	57.6	2.1	155

POSEYDON CRUISE 831

SPECIES WALLEYE POLLOCK

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
342	56.4	2.0	125
362	56.4	3.5	144
33	55.0	1.6	168
142	54.8	0.5	24
244	53.0	1.8	71
198	52.0	2.0	87
206	51.0	1.6	108
187	50.4	1.7	139
36	50.0	1.3	63
61	50.0	1.2	27
334	48.0	1.7	139
17	47.6	0.6	33
43	47.4	2.0	88
435	46.8	1.7	157
414	46.4	2.1	106
544	46.2	2.0	128
45	46.0	1.8	60
236	46.0	2.3	143
134	45.2	1.9	93
219	44.4	2.2	95
205	44.2	1.8	142
245	43.4	1.1	60
29	43.0	1.1	69
79	42.0	1.5	82
203	41.2	1.7	216
524	41.2	0.5	69
243	40.4	1.8	87
341	40.4	1.8	221
247	40.0	1.7	61
301	40.0	1.9	132
216	39.4	2.0	190
224	39.4	1.8	60
452	39.1	1.8	318
227	38.0	1.9	77
44	37.6	1.9	76
27	36.0	0.5	68
156	36.0	2.3	111
296	36.0	1.6	131
231	35.6	1.8	175
42	35.0	1.9	63
91	35.0	2.5	84
52	34.0	1.5	42
118	34.0	0.8	74
434	33.6	1.5	131
339	33.2	2.8	159
402	31.6	2.0	130
150	31.2	2.0	125
146	31.0	1.3	118

POSEYDON CRUISE 831

SPECIES WALLEYE POLLOCK

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
99	30.4	1.5	52
287	30.4	1.9	133
154	30.0	1.5	128
271	29.2	2.4	111
213	29.0	2.1	177
401	28.4	2.4	150
139	28.2	2.3	66
160	27.5	2.2	126
176	26.7	2.2	89
262	26.4	2.2	109
433	24.7	1.9	124
275	24.2	1.3	80
155	24.0	0.5	115
170	24.0	3.0	48
246	22.8	1.1	66
239	22.5	1.8	161
321	22.4	1.9	243
258	22.4	1.9	174
419	22.0	1.8	177
186	21.2	1.8	202
347	21.2	0.1	49
517	21.0	0.9	89
254	20.9	1.7	86
494	20.4	1.5	65
217	20.0	1.7	227
242	20.0	1.7	145
266	20.0	0.6	65
464	20.0	1.7	92
488	20.0	3.3	246
533	20.0	1.7	103
49	19.8	2.0	68
201	19.8	2.0	195
274	19.8	0.3	112
164	19.2	2.0	111
394	18.8	1.6	74
295	18.4	1.5	150
48	18.0	1.5	63
230	17.6	1.8	145
144	17.0	2.1	139
188	17.0	1.8	155
337	16.4	2.0	194
54	15.8	2.0	63
363	14.8	1.9	161
491	14.6	0.7	114
518	14.0	0.9	160
425	13.2	2.2	185
194	12.8	2.1	123
126	12.6	1.6	67

POSEYDON CRUISE 831

SPECIES WALLEYE POLLOCK

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
420	12.2	1.5	142
202	12.0	2.0	157
264	12.0	1.5	157
260	11.6	0.6	60
338	11.4	1.9	241
485	11.4	1.9	216
520	11.2	0.5	85
211	11.0	1.8	118
475	11.0	2.3	191
273	10.8	0.1	90
253	10.6	1.1	67
259	10.4	2.6	193
297	10.4	2.6	97
306	10.4	1.7	150
547	10.4	1.7	204
199	10.2	1.7	126
192	10.0	1.7	168
542	10.0	2.5	239
426	9.8	1.2	146
59	9.6	1.2	63
418	9.6	0.8	128
340	9.4	2.4	185
367	9.2	1.2	118
501	9.2	2.3	219
343	9.0	2.3	100
374	9.0	1.5	158
64	8.6	1.4	77
315	8.6	2.2	188
495	8.4	0.2	101
270	8.3	2.5	96
47	8.0	2.0	24
123	8.0	1.3	91
200	8.0	2.0	246
145	7.7	1.3	118
276	7.4	1.2	66
326	7.2	1.8	97
300	7.0	1.8	100
240	6.2	1.6	179
302	5.6	1.4	159
350	5.6	2.8	38
376	5.6	2.8	242
281	5.4	2.7	68
470	5.2	0.9	82
346	5.0	0.1	52
510	4.8	0.5	91
63	4.8	1.0	56
328	4.6	2.3	131
166	4.4	2.2	164

POSEYDON CRUISE 831

SPECIES WALLEYE POLLOCK

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
69	4.0	0.7	61
311	4.0	1.0	126
479	4.0	2.0	246
508	4.0	2.0	89
460	3.6	0.4	65
410	3.6	1.8	243
404	3.4	1.7	100
65	3.0	1.5	59
72	3.0	1.5	63
285	3.0	1.5	230
345	3.0	0.2	38
429	2.8	1.4	192
277	2.6	1.3	60
193	2.4	1.2	148
459	2.4	0.6	101
333	2.0	0.5	161
432	2.0	1.0	99
12	1.9	1.3	26
66	1.6	0.8	64
461	1.0	0.3	77
73	0.8	0.4	59
278	0.8	0.1	74
228	0.6	0.1	60
107	0.4	0.1	22
514	0.4	0.2	92
415	0.2	0.1	74
500	0.2	0.1	77

POSEYDON CRUISE 831

POSEYDON CRUISE 831

POSEYDON CRUISE 831

SPECIES ROUGH-EYE ROCKFISH

SPECIES ROUGH-EYE ROCKFISH

SPECIES ROUGH-EYE ROCKFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
445	3137.0	2.2	183
475	1948.6	2.5	191
231	1431.2	3.7	175
180	1281.2	2.9	186
291	893.6	3.3	180
115	868.0	3.4	109
258	839.6	3.4	174
419	697.2	2.2	177
547	691.0	4.1	204
315	663.2	3.5	188
179	653.6	2.4	150
192	585.8	3.2	168
212	538.2	3.1	155
188	528.1	2.2	155
187	500.8	2.5	159
294	493.8	3.1	191
122	464.0	2.3	106
429	450.6	2.7	192
259	426.4	3.1	193
408	409.8	2.9	177
232	408.6	3.3	224
430	383.2	1.7	148
356	367.4	1.4	95
412	353.2	1.4	156
57	328.0	3.3	98
240	309.8	3.2	179
265	309.6	3.1	192
411	304.2	2.2	164
467	274.1	1.9	172
239	261.3	2.6	161
327	253.6	2.7	137
202	242.6	3.5	157
375	238.2	3.1	193
426	215.2	1.3	146
339	214.0	2.9	159
518	211.4	2.0	160
53	203.0	2.0	60
186	202.6	2.5	202
86	194.0	3.1	104
550	192.0	2.4	98
213	187.4	3.2	177
230	169.8	1.5	145
450	158.2	2.5	165
422	154.6	0.8	118
480	131.2	1.7	189
340	126.4	3.3	185
352	124.2	1.9	78
204	123.4	2.6	167

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
80	116.0	3.2	93
216	116.0	2.8	190
502	114.8	1.8	149
250	114.4	3.6	160
425	112.0	2.7	185
322	109.0	3.4	192
193	108.2	2.6	148
166	106.6	3.2	164
64	104.6	2.4	77
83	103.6	2.2	94
146	101.0	1.6	118
420	94.0	2.1	142
514	94.0	1.5	92
128	93.2	4.7	68
473	90.4	2.7	194
349	81.6	2.0	82
295	81.4	2.5	150
45	80.0	2.0	60
127	78.2	3.3	79
58	76.0	3.5	110
444	75.2	1.4	138
123	74.6	1.0	91
275	70.8	1.1	80
488	68.6	2.6	246
485	66.0	2.5	216
284	64.4	3.2	193
484	61.4	1.2	164
362	60.8	3.8	144
59	60.0	3.3	63
363	60.0	4.3	161
449	60.0	2.3	238
506	60.0	1.2	143
215	58.6	3.7	152
476	57.4	2.4	122
154	56.5	3.8	128
348	56.4	1.9	87
369	56.0	1.9	213
374	54.6	3.0	158
418	53.2	0.7	128
306	51.2	2.1	150
37	50.0	0.0	76
377	49.8	3.1	191
542	49.6	3.5	235
217	49.5	4.2	227
201	48.4	3.5	195
264	47.6	2.0	157
116	46.0	2.6	104
257	45.0	1.3	150

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
311	44.4	1.0	126
296	43.8	2.0	131
178	42.6	1.8	136
421	42.5	2.8	227
421	42.5	2.8	227
95	41.0	2.6	125
233	40.0	5.0	90
303	40.0	3.3	183
533	40.0	0.0	103
98	38.6	2.1	56
4	38.0	3.2	72
144	36.0	1.5	139
305	36.0	3.0	198
44	35.6	1.8	76
285	35.0	5.8	230
3	34.0	2.4	72
237	32.6	3.3	200
283	31.6	2.0	159
194	31.0	3.9	123
413	30.6	1.3	117
489	30.2	2.2	180
31	29.8	14.9	79
292	29.8	3.7	245
302	29.4	2.5	159
515	29.0	1.3	64
160	28.8	1.2	126
435	27.6	1.4	157
1	27.4	1.4	99
203	26.8	2.7	216
501	26.2	3.3	219
43	24.8	6.2	88
440	24.8	1.8	134
368	24.6	3.1	190
14	24.5	8.2	65
453	23.8	2.4	142
189	22.8	2.9	100
384	22.0	2.8	153
437	22.0	2.2	145
148	21.8	2.2	117
290	21.6	2.7	151
90	21.2	2.7	87
329	21.2	2.1	194
474	21.2	3.5	246
151	21.0	1.8	114
54	20.6	1.7	63
323	20.6	3.4	153
281	18.4	9.2	68
5	18.0	4.5	81

POSEYDON CRUISE 831

SPECIES ROUGH-EYE ROCKFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
30	18.0	1.0	63
513	17.6	3.0	57
441	16.6	1.4	130
42	16.2	2.0	63
436	16.2	1.6	130
103	16.0	2.0	55
205	16.0	4.0	142
236	16.0	4.0	143
34	15.0	1.3	71
111	15.0	1.5	63
242	14.4	1.2	145
392	14.0	1.8	95
328	13.8	0.8	131
481	13.4	2.2	148
307	12.8	3.2	121
238	12.4	6.2	246
229	12.2	1.5	130
423	12.2	1.0	97
36	12.0	3.0	63
548	12.0	1.2	96
434	11.8	1.2	131
263	11.6	1.5	134
145	10.9	1.2	118
185	10.8	2.7	113
191	10.8	1.8	197
433	10.7	1.6	124
541	10.6	1.3	96
159	10.4	1.3	109
256	10.4	0.6	131
286	10.4	2.6	114
341	10.4	5.2	221
486	10.4	2.6	125
181	10.0	5.0	64
407	10.0	2.5	137
524	10.0	0.6	69
177	9.8	2.5	103
227	9.8	2.5	77
271	9.2	2.3	111
153	9.1	3.0	120
496	8.8	0.7	110
432	8.4	4.2	99
442	8.2	0.8	121
40	8.0	2.0	81
333	8.0	1.0	161
334	8.0	0.8	139
451	8.0	4.0	150
493	8.0	0.5	145
130	7.6	1.9	69

POSEYDON CRUISE 831

SPECIES ROUGH-EYE ROCKFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
482	7.6	1.9	103
523	7.2	1.8	136
125	7.0	1.8	79
241	7.0	1.8	119
252	7.0	3.5	218
383	7.0	3.5	192
519	7.0	1.2	115
273	6.8	3.4	90
438	6.6	3.3	101
367	6.4	1.6	118
497	6.4	1.1	124
549	6.1	2.0	114
175	6.0	3.0	153
152	5.4	2.7	128
397	5.4	2.7	149
28	5.0	2.5	84
35	5.0	2.5	65
49	5.0	2.5	68
124	5.0	2.5	73
330	5.0	2.5	314
269	4.7	0.4	143
134	4.4	1.1	93
199	4.4	2.2	126
24	4.0	0.4	60
155	4.0	1.0	115
477	4.0	2.0	100
543	4.0	1.0	156
544	3.8	0.5	128
343	3.2	1.6	100
62	3.0	1.5	66
117	3.0	1.5	90
121	3.0	1.5	66
157	3.0	1.5	71
344	2.8	0.3	76
364	2.8	1.4	134
537	2.4	1.2	218
385	2.2	1.1	132
39	2.0	1.0	79
41	2.0	1.0	45
401	2.0	1.0	150
510	2.0	1.0	91
13	1.8	1.5	44
164	1.6	0.8	111
182	1.3	0.1	60
371	1.2	0.6	136
415	1.0	0.4	74
22	0.8	0.4	53
77	0.8	0.2	84

POSEYDON CRUISE 831

SPECIES ROUGH-EYE ROCKFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
287	0.4	0.2	133
60	0.2	0.1	25
65	0.2	0.1	59

POSEYDON CRUISE 851

SPECIES PACIFIC OCEAN PERCH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
365	15856.2	1.3	101
93	9411.3	0.7	34
466	8430.8	0.4	84
483	7632.0	1.1	142
536	7216.0	0.7	115
423	5838.4	1.1	97
361	5632.8	1.3	126
320	4825.2	1.4	149
56	4254.8	1.3	69
331	3763.2	1.1	105
156	3264.8	1.4	111
367	3205.2	1.3	118
468	3000.0	0.0	146
123	2966.6	1.3	91
433	2838.0	1.2	124
311	2529.2	1.3	126
444	2519.4	1.6	138
502	2489.8	1.2	149
484	2441.8	1.4	164
179	2272.6	1.3	150
380	2266.4	1.3	125
445	1600.0	1.5	183
430	1519.4	1.1	148
492	1513.6	0.7	143
342	1470.0	1.4	125
84	1463.8	1.4	61
465	1380.0	0.4	84
525	1350.0	0.7	120
222	1314.4	1.4	115
185	1307.0	1.4	113
360	1286.4	1.3	98
268	1264.4	1.3	114
328	1253.2	1.1	131
188	1152.8	1.2	155
160	1140.0	1.3	126
162	1100.0	1.3	134
432	1030.6	0.9	99
229	1000.2	1.3	130
438	972.4	1.8	101
307	875.2	1.3	121
364	862.4	1.3	134
370	827.4	1.3	108
262	825.6	1.3	109
323	796.8	1.3	153
548	787.6	0.9	96
279	784.7	1.3	112
144	776.0	0.9	139
164	767.9	1.8	111

POSEYDON CRUISE 851

SPECIES PACIFIC OCEAN PERCH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
296	745.4	1.2	131
503	733.4	1.1	118
249	732.0	1.2	112
418	726.2	1.2	128
362	721.2	1.4	144
251	688.4	1.3	134
286	664.2	1.3	114
379	633.0	1.3	100
472	627.0	1.2	152
402	606.4	1.2	130
163	572.2	1.5	128
371	562.6	1.4	136
325	557.6	1.3	128
386	538.8	1.4	101
384	535.6	1.4	153
194	521.2	2.7	123
327	509.4	1.3	137
250	507.2	1.4	160
414	494.4	1.3	106
242	476.4	1.4	145
378	456.8	1.2	145
94	450.0	0.7	34
287	427.2	1.4	133
263	411.4	1.2	134
450	393.8	1.4	165
118	387.0	1.8	74
543	372.4	1.3	156
334	371.6	1.8	139
151	369.0	2.2	114
420	354.0	1.4	142
491	348.2	0.4	114
241	333.4	1.3	119
230	319.2	1.4	145
533	300.0	0.0	103
256	295.0	1.3	131
522	293.0	1.6	123
186	274.6	1.2	202
434	270.6	0.9	131
422	260.6	1.3	118
205	249.0	1.2	142
158	240.0	1.3	124
212	227.8	1.3	155
295	226.4	1.3	150
329	225.0	1.3	194
427	224.0	1.1	77
178	216.8	1.1	136
544	207.7	1.2	128
111	206.0	1.6	63

POSEYDON CRUISE 851

SPECIES PACIFIC OCEAN PERCH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
187	202.8	1.2	159
193	202.8	1.0	148
301	202.4	1.3	132
204	200.6	1.3	167
385	200.6	1.4	132
431	194.6	0.6	73
288	194.0	1.3	102
175	192.0	1.7	153
202	182.6	1.2	157
339	170.4	1.4	159
453	166.0	1.2	142
412	163.2	1.5	156
221	148.4	1.2	90
152	147.4	1.4	128
413	147.2	1.2	117
153	147.0	1.5	120
219	143.4	1.4	95
332	138.6	1.3	71
215	137.2	1.4	152
324	134.8	1.3	69
497	133.2	1.0	124
213	131.8	1.3	177
77	130.8	0.9	84
333	130.0	2.0	161
76	129.0	1.7	147
506	128.8	1.0	143
404	128.0	1.6	100
280	127.0	1.1	102
236	122.8	1.5	143
306	120.0	1.5	150
59	119.2	0.9	63
231	118.4	1.4	175
302	113.8	1.3	159
165	111.7	1.6	118
467	108.2	0.5	172
214	106.6	1.9	116
114	104.6	1.3	81
91	101.2	1.4	84
401	99.8	1.4	150
79	96.0	1.5	82
363	92.8	1.4	161
426	91.8	1.0	146
527	81.8	0.4	73
199	81.6	1.2	126
189	81.2	1.1	100
233	80.0	1.3	90
310	79.5	1.2	109
514	72.4	0.8	92

POSEYDON CRUISE 851

SPECIES PACIFIC OCEAN PERCH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
550	72.4	0.5	98
290	72.0	1.2	151
489	70.2	1.3	180
264	69.6	1.3	157
88	68.0	1.0	75
424	67.0	1.2	314
211	65.4	1.4	118
223	64.7	1.2	55
498	63.3	0.5	56
119	63.0	0.3	40
443	62.5	1.3	80
243	62.0	1.0	87
507	60.0	0.9	56
549	59.1	1.5	114
80	59.0	2.0	93
518	55.8	0.9	160
374	55.6	1.3	158
122	54.0	1.7	106
124	54.0	0.9	73
283	53.4	1.2	159
447	52.0	1.2	123
419	51.0	1.3	177
482	51.0	0.3	103
517	51.0	0.9	89
473	49.8	1.2	194
435	49.0	1.2	157
448	48.8	1.0	164
486	48.4	0.4	125
62	48.0	1.3	66
75	47.6	0.0	67
166	47.0	1.2	164
297	46.2	1.5	97
87	45.0	0.8	59
340	44.2	1.4	185
257	43.0	1.2	150
530	42.0	1.2	115
343	41.4	1.2	100
206	40.4	1.0	108
451	40.0	2.2	150
519	40.0	0.9	115
100	38.4	1.6	48
460	38.2	0.1	65
436	37.2	1.6	130
442	36.6	0.9	121
261	36.4	1.3	98
337	34.4	1.4	194
282	34.2	1.0	102
291	33.8	1.1	180

POSEYDON CRUISE 851

SPECIES PACIFIC OCEAN PERCH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
471	33.8	0.5	122
83	33.2	1.8	94
368	32.0	1.2	190
481	31.6	0.8	148
313	30.8	0.9	113
252	30.0	1.7	218
464	30.0	0.0	92
161	29.4	1.2	109
90	27.4	1.5	87
308	27.2	1.5	250
125	27.0	1.7	79
309	26.2	1.2	96
485	26.0	1.4	216
476	24.8	1.0	122
454	24.4	1.5	87
406	24.0	1.5	99
487	23.1	0.5	131
225	22.9	0.3	57
322	22.8	1.3	192
207	21.2	0.9	74
208	21.2	0.8	59
110	20.8	0.3	34
303	20.8	1.3	183
281	20.0	1.4	68
477	20.0	1.3	100
515	20.0	0.4	64
42	19.0	2.4	63
54	18.0	1.3	63
417	17.8	1.1	98
258	17.6	1.5	174
197	17.0	0.4	66
190	16.8	1.1	63
195	16.4	1.2	93
321	16.4	1.4	243
92	16.2	0.7	60
177	16.2	0.8	103
319	16.0	2.0	118
99	14.4	1.0	52
60	14.2	0.8	25
474	13.4	1.1	246
216	13.2	1.3	190
372	13.2	1.7	72
480	13.2	0.9	189
131	13.0	0.7	39
192	13.0	1.1	168
403	13.0	1.3	71
335	12.0	3.0	90
381	12.0	1.5	74

POSEYDON CRUISE 851

SPECIES PACIFIC OCEAN PERCH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
407	12.0	1.5	137
488	12.0	0.8	246
154	11.5	2.3	128
493	11.4	0.7	145
49	11.2	1.9	68
234	10.8	1.1	72
300	10.6	0.8	100
220	10.4	1.7	68
338	9.6	1.6	241
284	9.4	1.6	193
65	9.2	1.2	59
475	9.0	0.8	191
200	9.0	1.5	246
359	9.0	1.5	72
255	8.8	1.5	109
269	8.8	1.5	143
253	8.8	0.2	67
289	8.6	1.4	83
5	8.4	2.1	81
524	8.2	0.5	69
46	8.0	2.0	81
48	8.0	2.0	63
116	8.0	1.3	104
510	8.0	0.7	91
528	8.0	0.5	118
496	7.5	0.3	110
103	7.0	1.8	55
397	7.0	1.8	149
520	6.8	1.1	85
237	6.6	1.7	200
260	6.6	0.3	60
344	6.6	0.8	76
240	6.4	1.1	179
547	6.4	1.6	204
411	6.1	2.0	164
294	6.0	1.5	191
315	6.0	1.5	188
318	6.0	1.5	104
375	5.6	1.4	193
408	5.2	1.3	177
312	5.0	2.5	105
449	4.6	1.2	238
239	4.4	0.7	161
30	4.0	2.0	63
181	4.0	1.0	64
532	4.0	0.7	149
387	3.6	1.8	74
191	3.4	0.9	197

POSEYDON CRUISE 851

SPECIES PACIFIC OCEAN PERCH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
429	3.4	1.7	192
494	3.2	0.8	65
538	3.2	1.4	161
355	3.0	0.5	39
3	3.0	1.5	72
36	3.0	1.5	63
45	3.0	0.8	60
57	3.0	1.5	98
138	3.0	0.8	48
232	3.0	1.5	224
539	2.8	1.4	100
270	2.7	0.8	96
228	2.6	0.2	60
440	2.6	1.3	134
508	2.6	1.3	89
167	2.4	0.3	60
330	2.4	1.2	314
267	2.2	0.6	92
81	2.0	1.0	50
117	2.0	1.0	90
458	2.0	0.5	100
509	1.8	0.9	149
278	1.6	0.8	74
469	1.6	0.8	56
184	1.4	0.7	95
209	1.4	0.7	74
272	1.4	0.7	85
461	1.4	0.2	77
182	1.3	0.1	60
203	1.2	0.6	216
541	1.1	0.5	96
155	1.0	1.0	115
516	1.0	0.4	82
523	1.0	0.5	136
121	0.8	0.4	66
226	0.8	0.2	53
317	0.6	0.2	74
146	0.5	0.3	118
314	0.2	0.1	84

POSEYDON CRUISE 831

SPECIES DUSKY ROCKFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
84	10841.9	3.4	61
427	7628.8	2.6	77
465	1442.8	2.0	84
279	1200.0	2.4	112
94	900.0	2.3	34
153	608.2	2.6	120
365	407.4	2.4	101
317	367.2	2.4	74
110	341.7	1.6	34
344	332.4	2.9	76
111	274.0	2.4	63
156	204.8	2.3	111
355	182.1	1.2	39
93	181.3	2.1	34
331	134.4	2.2	105
310	133.5	2.1	109
433	100.7	2.5	124
152	98.6	2.1	128
423	96.6	2.7	97
151	94.0	2.2	114
366	90.8	2.5	73
345	85.0	2.8	38
280	84.0	2.1	102
309	79.3	2.2	96
416	76.0	2.5	68
332	68.6	2.5	71
74	66.0	2.2	46
73	64.2	2.0	59
432	62.0	1.9	99
415	59.5	2.3	74
36	53.0	2.0	63
260	48.4	1.9	60
65	47.2	2.0	59
160	45.0	1.8	126
466	44.6	3.2	84
233	44.0	2.8	90
362	41.2	3.4	144
154	41.0	2.1	128
361	40.0	2.5	126
100	36.8	2.3	48
229	36.2	2.3	130
431	35.7	2.0	73
66	34.8	2.5	64
223	34.1	2.9	55
205	32.4	3.2	142
199	32.2	2.3	126
62	32.0	3.2	66
87	32.0	2.3	59

POSEYDON CRUISE 831

SPECIES DUSKY ROCKFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
144	31.0	2.6	139
97	29.1	2.4	36
418	27.2	3.4	128
168	26.7	2.0	74
328	25.6	2.6	131
342	25.6	3.2	125
228	25.2	2.1	60
251	24.4	3.0	134
131	23.0	1.0	39
268	22.8	2.9	114
371	22.6	2.8	136
367	22.0	2.8	118
185	21.8	2.7	113
380	20.4	2.5	125
318	20.0	2.5	104
390	20.0	1.1	86
250	19.2	2.4	160
262	18.8	4.7	109
307	18.8	4.7	121
140	18.8	1.5	34
282	18.2	2.3	102
63	17.9	2.5	56
359	17.0	2.8	72
320	16.4	4.1	149
249	16.0	4.0	112
378	15.6	2.6	145
402	15.6	2.6	130
165	15.0	3.0	118
118	13.0	2.2	74
211	12.4	3.1	118
412	12.2	3.1	156
221	12.0	3.0	90
253	12.0	2.0	67
325	12.0	3.0	128
353	11.6	2.9	76
181	11.2	2.8	64
360	11.2	2.8	98
90	11.0	2.8	87
343	11.0	2.8	100
189	10.4	2.6	100
158	10.0	2.5	124
194	10.0	2.5	123
234	10.0	2.5	72
313	10.0	2.5	113
384	10.0	2.5	153
413	10.0	2.5	117
414	10.0	2.5	106
190	9.6	2.4	63

POSEYDON CRUISE 831

SPECIES DUSKY ROCKFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
460	9.5	2.1	65
72	9.4	2.4	63
98	9.4	2.4	56
219	8.4	4.2	95
39	8.0	2.0	79
286	8.0	4.0	114
450	7.8	3.5	165
391	7.6	1.9	67
301	7.6	2.5	132
163	6.8	2.0	128
364	6.8	3.4	134
209	6.6	1.7	74
243	6.6	3.3	87
435	6.6	3.3	157
188	6.5	2.8	155
401	6.4	3.2	150
254	6.4	2.1	86
385	6.2	3.1	132
124	6.0	3.0	73
138	6.0	1.0	48
299	6.0	3.0	73
54	5.8	2.9	63
300	5.8	2.9	100
186	5.4	2.7	202
281	5.4	2.7	68
426	5.4	2.7	146
210	5.2	2.6	93
241	5.2	2.6	119
79	5.0	2.5	82
298	4.8	2.4	80
56	4.8	2.0	69
5	4.4	2.2	81
407	4.4	2.2	137
60	4.2	2.1	25
48	4.0	2.0	63
45	3.6	0.9	60
352	3.2	0.8	78
198	2.8	1.4	87
267	2.4	1.2	92
104	2.0	0.5	50
162	1.0	1.0	134

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POSEYDON CRUISE 831

POSEYDON CRUISE 831

SPECIES NORTHERN ROCKFISH

SPECIES NORTHERN ROCKFISH

SPECIES NORTHERN ROCKFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
93	13193.8	1.1	34
550	11069.2	0.9	98
465	8202.2	0.9	84
427	5613.6	1.2	77
110	4300.0	1.1	34
94	2500.0	1.2	34
514	2105.4	1.1	92
527	1868.6	0.6	73
466	1175.0	0.9	84
223	1168.8	1.4	55
515	1141.4	0.8	64
260	945.0	1.1	60
84	875.2	2.0	61
228	864.0	1.1	60
507	828.6	0.7	56
153	690.3	1.2	120
331	644.8	1.0	105
365	642.2	1.1	101
431	540.0	1.2	73
416	505.0	1.2	68
332	477.2	1.2	71
111	476.0	0.0	63
310	440.5	1.1	109
536	422.4	0.7	115
225	412.9	1.0	57
328	393.0	1.0	131
249	298.0	1.1	112
233	289.6	1.2	90
415	275.0	1.3	74
498	271.3	0.7	56
317	268.4	1.1	74
355	224.8	0.8	39
253	224.6	1.1	67
548	214.0	1.0	96
460	206.8	0.7	65
152	204.2	1.1	128
131	194.0	0.9	39
268	192.8	1.1	114
229	174.8	1.2	130
221	167.6	1.0	90
241	166.0	1.1	119
140	165.0	1.1	34
156	162.0	0.0	111
361	161.6	1.2	126
73	143.8	1.3	59
262	137.6	1.2	109
357	137.6	1.0	40
74	127.0	1.3	46

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
309	122.2	1.3	96
367	120.8	1.1	118
234	118.0	1.2	72
165	115.5	1.1	118
318	109.2	1.2	104
185	108.6	1.0	113
206	106.0	1.1	108
158	96.0	1.1	124
423	94.8	1.1	97
243	94.6	1.4	87
205	92.6	1.0	142
144	91.0	1.1	139
342	78.4	1.1	125
66	76.8	1.4	64
359	74.4	1.1	72
432	74.0	1.1	99
370	73.2	1.2	108
313	71.6	1.1	113
286	69.4	1.1	114
199	68.4	1.1	126
222	67.4	1.1	115
362	66.8	1.2	144
90	63.2	1.4	87
160	62.5	1.3	126
182	62.5	1.0	60
325	62.4	1.0	128
88	61.6	1.2	75
220	60.0	1.5	68
99	56.0	1.6	52
513	55.9	0.8	57
63	54.8	0.0	56
360	53.6	1.2	98
356	51.0	1.4	95
261	48.4	1.1	98
226	46.4	1.1	53
78	44.6	1.1	28
197	43.0	1.2	66
320	40.0	1.1	149
314	39.0	1.2	84
132	38.0	1.0	40
162	38.0	1.1	134
297	37.4	1.0	97
380	37.2	1.2	125
414	36.8	1.1	106
256	36.6	1.1	131
298	34.8	1.2	80
311	34.4	1.1	126
471	33.6	0.5	122

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
244	33.2	1.1	71
312	32.6	1.4	105
181	31.4	1.0	64
300	31.2	1.3	100
97	30.9	1.5	36
407	30.0	1.1	137
413	30.0	1.1	117
533	30.0	0.0	103
177	29.8	0.9	103
211	29.4	1.1	118
188	27.4	1.1	155
323	27.0	1.1	153
189	26.6	1.0	100
516	26.3	0.9	82
281	25.8	1.1	68
289	24.6	1.1	83
87	24.0	1.3	59
214	24.0	1.2	116
219	23.4	1.1	95
508	23.0	0.8	89
161	22.4	1.5	109
242	22.4	1.1	145
250	22.4	1.4	160
218	22.2	0.9	66
62	22.0	1.2	66
503	22.0	0.8	118
194	21.4	1.2	123
207	20.8	1.0	74
208	20.4	1.0	59
378	20.0	1.1	145
209	19.8	0.9	74
315	18.6	1.2	188
327	18.3	1.1	137
65	17.4	1.1	59
266	16.6	1.7	65
489	16.6	0.7	180
402	16.4	1.2	130
472	16.0	0.6	152
288	15.3	1.2	102
98	14.8	1.5	56
279	14.7	1.3	112
187	14.4	1.0	159
541	14.3	1.0	96
230	14.0	1.2	145
447	14.0	0.9	123
178	13.8	0.9	136
366	13.2	1.7	73
212	12.8	1.3	155

POSEYDON CRUISE 851

SPECIES NORTHERN ROCKFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
254	12.7	1.4	86
263	12.4	1.0	134
301	12.1	1.0	132
81	12.0	1.2	50
319	12.0	1.5	118
372	12.0	1.5	72
492	12.0	1.0	143
164	11.7	1.0	111
167	11.2	0.5	60
195	11.2	0.9	93
345	11.0	1.1	38
213	11.0	1.4	177
183	10.8	1.8	57
267	10.4	1.0	92
343	10.2	1.3	100
168	10.0	0.8	74
326	10.0	1.0	97
364	10.0	1.0	134
510	9.8	1.0	91
186	9.6	1.2	202
344	9.6	1.0	76
200	9.4	1.2	246
418	9.0	1.1	128
269	8.8	1.5	143
467	8.8	0.8	172
251	8.8	1.1	134
385	8.8	1.1	132
433	8.7	1.3	124
83	8.6	1.4	94
491	8.6	0.9	114
210	8.4	1.4	93
255	8.2	1.4	109
290	8.0	1.3	151
324	8.0	1.0	69
371	8.0	1.3	136
461	8.0	0.8	77
184	7.8	1.0	95
476	7.6	0.8	122
227	7.2	1.2	77
119	7.0	1.8	40
92	6.8	1.1	60
282	6.8	1.1	102
283	6.8	1.1	159
482	6.8	0.5	103
295	6.6	1.1	150
196	6.4	1.1	62
456	6.0	1.5	77
488	6.0	0.6	246

POSEYDON CRUISE 851

SPECIES NORTHERN ROCKFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
91	5.4	1.4	84
450	5.3	1.2	165
543	5.2	1.3	156
75	5.0	1.3	67
175	5.0	0.8	153
198	5.0	1.3	87
277	4.8	1.2	60
307	4.8	1.2	121
528	4.8	0.6	118
363	4.6	1.2	161
329	4.4	1.1	194
333	4.4	1.1	161
549	4.2	1.4	114
215	4.2	1.1	152
231	4.0	1.0	175
384	4.0	1.0	153
519	4.0	0.7	115
270	3.7	1.1	96
176	3.6	1.2	89
143	3.6	0.9	139
72	3.4	0.9	63
506	3.4	0.9	143
517	3.4	0.9	89
77	3.2	0.8	84
202	3.2	0.8	157
386	3.2	0.8	101
445	3.0	0.7	183
477	3.0	0.3	100
484	3.0	0.8	164
520	3.0	1.5	85
483	2.8	0.3	142
163	2.7	1.6	128
481	2.6	0.7	148
166	2.5	1.3	164
82	2.4	1.0	24
201	2.4	1.2	195
302	2.4	1.2	159
475	2.4	1.0	191
334	2.2	1.1	139
76	2.0	1.0	147
136	2.0	1.0	51
174	2.0	1.0	98
193	2.0	1.0	148
216	2.0	1.0	190
287	2.0	1.0	133
299	2.0	1.0	73
422	2.0	1.0	118
434	2.0	1.0	131

POSEYDON CRUISE 851

SPECIES NORTHERN ROCKFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
532	2.0	1.0	149
296	1.8	0.9	131
408	1.8	0.9	177
179	1.6	0.8	150
248	1.6	0.8	80
338	1.6	0.8	241
454	1.4	0.7	87
478	1.4	0.7	81
192	1.2	0.6	168
486	1.0	0.5	125
142	0.4	0.2	24

POSEYDON CRUISE 851

SPECIES SHORTRAKER ROCKFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
369	1002.8	12.2	213
232	760.4	7.3	224
473	658.0	4.1	194
547	585.0	3.3	204
421	575.0	11.5	227
421	575.0	11.5	227
419	567.2	14.9	177
291	451.4	6.4	180
480	439.8	5.1	189
294	419.0	9.1	191
186	413.4	5.0	202
315	401.4	8.7	188
411	399.4	8.8	164
216	390.0	4.2	190
95	380.0	10.6	125
408	356.0	12.7	177
361	334.4	10.5	126
231	329.6	9.2	175
425	309.6	8.1	185
240	286.6	6.2	179
484	255.6	3.3	164
86	237.0	9.1	104
362	231.6	9.7	144
259	221.6	7.4	193
329	206.4	11.5	194
284	205.0	7.9	193
265	196.0	6.1	192
80	194.0	7.5	93
474	177.6	4.9	246
342	165.2	8.3	125
475	164.3	2.9	191
489	144.6	5.2	180
187	143.8	9.0	159
375	142.8	6.5	193
363	141.2	4.2	161
154	133.0	8.9	128
368	128.0	5.8	190
340	124.8	5.2	185
429	124.8	8.9	192
188	119.1	12.8	155
412	118.6	8.5	156
374	116.0	11.6	158
322	113.6	11.4	192
449	111.2	5.6	238
57	110.0	7.9	98
305	99.6	5.5	198
377	97.6	7.0	191
163	94.8	13.8	128

POSEYDON CRUISE 851

SPECIES SHORTRAKER ROCKFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
237	88.4	11.1	200
341	88.0	7.3	221
383	83.0	10.4	192
115	78.0	6.5	109
283	71.0	8.9	159
339	64.4	8.1	159
258	63.2	7.9	174
367	62.4	15.6	118
217	61.2	4.3	227
239	60.6	9.7	161
542	60.6	4.3	235
175	60.0	30.0	153
90	59.2	14.8	87
191	57.2	5.7	197
83	54.6	6.8	94
378	54.0	13.5	145
337	52.8	13.2	194
410	52.8	8.8	243
166	50.8	7.3	164
358	50.8	6.4	226
34	50.0	1.3	71
252	46.8	4.7	218
481	45.4	3.8	148
212	45.2	11.3	155
384	43.6	10.9	153
303	42.8	10.7	183
192	40.4	10.1	168
58	40.0	6.7	110
180	40.0	4.0	186
264	39.0	9.8	157
91	38.0	9.5	84
293	37.6	7.0	235
327	34.0	8.0	137
382	31.6	7.9	246
201	30.8	3.9	195
467	29.4	2.5	172
518	28.0	14.0	160
266	27.4	13.7	65
306	27.0	4.5	150
338	27.0	6.8	241
426	26.2	13.1	146
117	26.0	13.0	90
485	26.0	3.3	216
203	24.0	4.0	216
292	22.6	5.7	245
215	21.2	10.6	152
185	20.8	10.4	113
285	20.8	5.2	230

POSEYDON CRUISE 851

SPECIES SHORTRAKER ROCKFISH

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
323	19.0	9.5	153
330	18.8	9.4	314
344	18.4	9.2	76
501	18.4	4.6	219
152	15.0	7.5	128
116	14.0	7.0	104
376	14.0	7.0	242
440	14.0	7.0	134
409	13.0	6.5	243
370	12.4	6.2	108
59	11.8	5.9	63
302	11.6	5.8	159
151	10.7	10.7	114
159	9.6	2.4	109
488	8.6	2.2	246
122	8.0	2.0	106
205	8.0	4.0	142
256	7.0	3.5	131
486	6.6	3.3	125
537	4.4	2.2	218

POSEYDON CRUISE 851

SPECIES RED SQUID (=MAJESTIC SQUID)

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
530	8240.0	1.1	115
194	530.8	0.6	123
202	480.0	0.6	157
441	463.6	0.1	130
193	413.6	1.1	148
440	387.8	0.0	134
212	325.4	0.7	155
383	279.8	0.2	192
213	259.6	1.0	177
187	248.2	1.2	159
205	235.6	0.5	142
211	210.2	0.4	118
204	209.2	0.9	167
185	207.2	0.0	113
374	205.2	0.2	158
188	205.1	1.4	155
206	199.4	0.5	108
199	198.6	0.8	126
192	191.2	1.1	168
190	190.0	1.0	63
207	180.0	0.7	74
90	173.0	0.0	87
115	152.0	0.0	109
215	143.8	0.6	152
384	140.0	0.0	153
91	130.4	0.0	84
195	128.0	0.0	93
92	126.0	0.0	60
191	126.0	0.0	197
200	126.0	0.3	246
189	121.2	0.0	100
259	120.0	0.5	193
397	113.0	0.1	149
198	108.6	0.5	87
201	106.2	1.1	195
430	103.6	0.3	148
258	102.8	0.4	174
445	101.7	1.0	183
203	96.0	1.0	216
252	94.6	0.2	218
152	93.4	0.0	128
165	92.4	0.0	118
214	87.6	0.4	116
166	84.6	0.0	164
57	84.0	0.4	98
84	83.8	0.0	61
375	81.6	0.2	193
210	80.0	0.6	93

POSEYDON CRUISE 851

SPECIES RED SQUID (=MAJESTIC SQUID)

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
111	78.0	0.0	63
236	77.2	0.4	143
538	72.4	1.2	161
178	71.8	0.0	136
292	71.4	0.3	245
182	71.3	0.8	60
240	70.0	0.3	179
179	69.6	0.0	150
56	69.0	0.0	69
316	65.2	0.3	236
547	65.0	0.9	204
443	62.5	0.0	80
288	60.7	0.6	102
429	59.0	0.4	192
448	58.8	0.8	164
197	58.5	1.1	66
257	58.4	0.5	150
421	57.5	0.2	227
421	57.5	0.2	227
303	57.2	0.3	183
58	57.0	0.0	110
489	55.6	1.1	180
431	55.4	0.2	73
116	54.0	0.0	104
315	53.0	0.3	188
196	51.4	0.9	62
265	51.2	0.4	192
243	46.0	0.4	87
219	45.6	0.5	95
250	44.0	0.3	160
216	43.6	0.5	190
291	43.4	0.4	180
209	42.6	0.6	74
251	40.8	0.3	134
264	40.0	0.6	157
398	40.0	0.0	111
231	39.2	0.4	175
302	38.6	0.3	159
112	36.4	0.0	63
325	36.0	0.6	128
172	35.4	0.0	89
411	34.5	0.2	164
95	34.0	0.0	125
322	34.0	0.3	192
377	34.0	0.3	191
218	33.0	0.7	66
503	31.4	0.7	118
472	29.8	0.7	152

POSEYDON CRUISE 851

SPECIES RED SQUID (=MAJESTIC SQUID)

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
293	29.7	0.3	235
222	29.6	0.6	115
484	28.8	1.1	164
371	28.0	0.3	136
186	27.4	0.0	202
85	27.0	0.0	55
296	26.6	0.5	131
473	26.6	0.8	194
220	26.0	0.5	68
237	25.6	0.4	200
238	25.4	0.4	246
323	25.2	0.6	153
232	22.0	0.5	224
208	21.6	0.6	59
242	21.6	0.3	145
239	21.3	0.5	161
226	21.2	0.7	53
449	20.8	0.9	238
86	20.0	0.0	104
59	19.8	0.6	63
536	19.8	0.5	115
181	19.0	0.8	64
295	17.8	0.6	150
422	17.6	0.2	118
501	17.6	0.8	219
266	17.0	0.4	65
223	16.5	0.9	55
145	16.4	0.8	118
83	16.4	0.0	94
37	16.0	0.0	76
40	16.0	1.0	81
122	16.0	1.0	106
340	15.4	0.3	185
290	14.8	0.3	151
502	14.8	0.7	149
263	14.4	0.9	134
33	14.0	0.9	168
123	14.0	0.0	91
283	14.0	0.5	159
88	13.4	0.0	75
175	13.0	0.0	153
471	12.6	0.6	122
382	12.4	0.5	246
399	12.0	0.5	246
476	12.0	0.6	122
256	11.8	0.0	131
444	11.6	1.2	138
241	11.4	0.2	119

POSEYDON CRUISE 851

SPECIES RED SQUID (=MAJESTIC SQUID)

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
450	11.1	0.8	165
73	11.0	0.0	59
229	11.0	0.4	130
486	11.0	1.8	125
180	10.8	0.0	186
341	10.8	0.1	221
378	10.4	0.4	145
492	10.4	1.3	143
230	10.2	0.5	145
87	10.0	0.0	59
298	10.0	0.6	80
368	10.0	0.3	190
376	10.0	0.2	242
408	10.0	0.0	177
412	10.0	0.3	156
477	10.0	0.6	100
539	10.0	1.0	100
177	9.8	0.6	103
294	9.6	0.4	191
326	9.4	0.6	97
498	9.3	1.4	56
217	9.0	0.4	227
173	9.0	0.4	49
306	9.0	0.3	150
113	8.6	0.6	63
324	8.4	0.7	69
297	8.0	0.4	97
310	8.0	0.4	109
269	7.6	0.4	143
493	7.6	1.0	145
27	7.0	1.2	68
224	7.0	0.9	60
299	7.0	0.7	73
426	6.8	0.3	146
435	6.8	1.1	157
505	6.6	0.7	98
275	6.2	0.0	80
305	6.2	0.4	198
413	6.2	0.8	117
150	6.0	1.5	125
284	6.0	0.0	193
409	6.0	0.0	243
488	6.0	1.0	246
327	6.0	0.4	137
475	6.0	0.6	191
364	5.6	0.7	134
369	5.6	0.7	213
301	5.5	0.5	132

POSEYDON CRUISE 851

SPECIES RED SQUID (=MAJESTIC SQUID)

HAUL	CATCH LB/1.0 HR	AV WGT (LB)	GEAR DEPTH (FM)
442	5.4	0.0	121
481	5.4	1.4	148
517	5.4	1.4	89
249	5.2	0.7	112
401	5.0	0.4	150
425	5.0	0.5	185
331	4.8	1.2	105
63	4.8	2.0	56
433	4.7	0.7	124
289	4.4	0.7	83
339	4.4	0.6	159
480	4.4	1.1	189
485	4.2	0.4	216
174	4.0	0.3	98
308	4.0	2.0	250
372	3.6	0.3	72
434	3.6	0.6	131
523	3.6	0.9	136
29	3.0	1.5	69
234	3.0	0.4	72
363	3.0	1.5	161
509	3.0	1.5	149
400	2.8	1.4	189
20	2.6	0.4	69
60	2.6	1.3	25
385	2.6	0.7	132
380	2.4	0.6	125
453	2.2	1.1	142
24	2.0	1.0	60
76	2.0	1.0	147
307	2.0	0.2	121
447	2.0	1.0	123
366	1.6	0.8	73
285	1.4	0.4	230
21	1.0	0.5	46
137	1.0	0.0	39
270	1.0	0.0	96
338	1.0	0.5	241
171	0.8	0.4	52
279	0.6	0.1	112
143	0.4	0.1	139
64	0.2	0.1	77
149	0.1	0.1	137

