

INTERNATIONAL PACIFIC HALIBUT COMMISSION

Recruitment Investigations: Trawl Catch
Records, Gulf of Alaska, 1967

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Introduction

The International Pacific Halibut Commission conducted an extensive trawl survey in the Gulf of Alaska from 1961 to 1963 (IPHC, 1964). This was prior to the development of any large scale foreign bottom fishing in the region. The survey was for the purpose of estimating the potential for a demersal trawl fishery in the Gulf of Alaska between Cape Spencer and Unimak Pass, and the effect such a fishery might have upon stocks of juvenile and adult halibut in the region.

Subsequently the Commission has annually monitored a representative sample of the approximately 750 offshore stations occupied on the continental shelf during the 1961-1963 survey. Four clusters of such offshore stations are being assessed annually near Cape St. Elias, off Cape Chiniak, off Chirikof Island, and off Unimak Island (Table 1, Figure 1).

Table 1. Summary of Operations in Gulf of Alaska, 1967

<u>Study Areas</u>	INPFC		<u>Vessel</u>	<u>Haul Numbers</u>
	<u>Statistical Area</u>	<u>Fishing Dates</u>		
<u>OFFSHORE STATIONS</u>				
Cape St. Elias	Yakutat	July 1-8	DON EDWARDS	58-89
Cape Chiniak	Kodiak	July 12-23	" "	90-128
Chirikof Island	Chirikof	Aug. 1-19	" "	147-175
		Aug. 15-17	HARMONY	184-191
Unimak Island	Shumagin	Aug. 3-8	"	160-172
<u>INSHORE STATIONS</u>				
Shelikof Bay	Southeastern	June 16-18	DON EDWARDS	1-21
		Sept. 2-3	" "	210-219
Icy Straits	Southeastern	June 20-21	" "	22-36
		Aug. 31-Sept. 1	" "	200-209
Kayak Island	Yakutat	June 23-24	" "	37-57
		Aug. 27-29	" "	189-199
Alitak Bay	Chirikof	July 27-30	" "	129-146
		Aug. 20-22	" "	176-188
Unimak Island	Shumagin	Aug. 8-11	HARMONY	173-183

The continuing program is designed to provide some indication of the changes that may be occurring in the availability of young halibut in the region as might arise from natural fluctuations of year-class strengths or from the effects of foreign trawling that has greatly increased in the area since the 1961-1963 trawl survey.

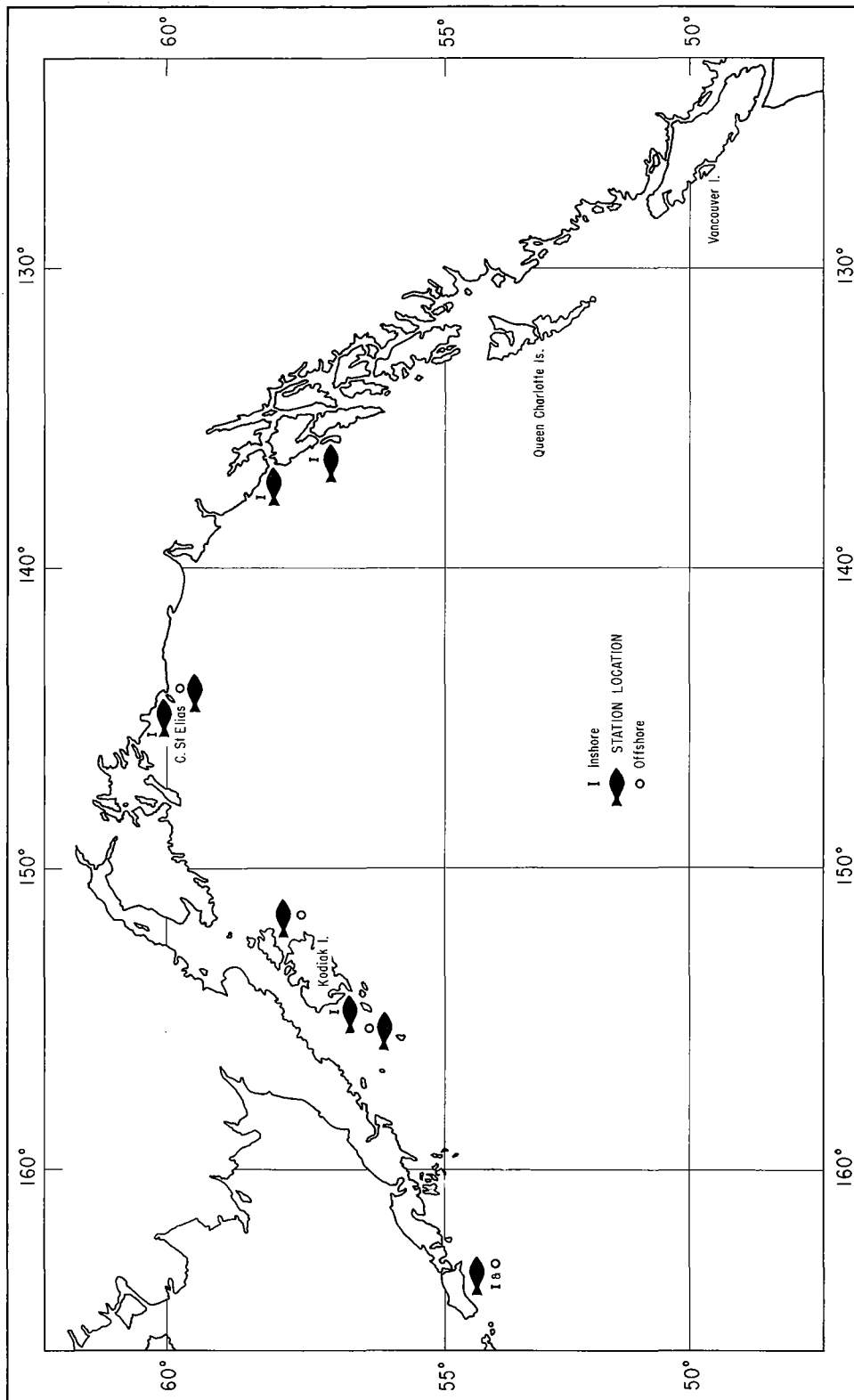


Figure 1. Location of Inshore and Offshore Study Areas.

To collect information on the smallest sizes of halibut, groups of inshore stations have been sampled annually at Shelikof Bay, Icy Straits, Kayak Island, Alitak Bay and Unimak Island (Table 1, Figure 1).

The 1967 Survey in the Gulf of Alaska

The commercial otter-trawl vessel DON EDWARDS was chartered for a period of 92 days from June 12 through September 11 to carry out the 1967 program in the Gulf of Alaska. The DON EDWARDS is 70 feet in overall length, 82 gross tons, and powered by a 310-horsepower diesel engine.

The crew complement consisted of the captain, two fishermen, and two members of the scientific staff of the Halibut Commission.

The Unimak Island stations were occupied by the chartered trawler HARMONY whose primary mission was the monitoring of the juvenile halibut resource in eastern Bering Sea (Best, 1969). In addition, eight comparison hauls were made by the two vessels in the vicinity of Chirikof Island. These hauls, DON EDWARDS Nos. 165 to 172, and HARMONY Nos. 184 to 191, were carried out to evaluate the relative fishing power of the two vessels and to permit comparison of their catches.

The commercial trawl nets used at the offshore stations with 3.5-inch (90 mm.) codend mesh were identical to those used on the 1961-1963 trawl survey by the Halibut Commission. Since the stations occupied had been fished previously on a number of occasions, familiarity with the bottom made it possible to dispense with a snagline.

The inshore stations were sampled by a small mesh net with a 1.25-inch (32 mm.) codend. This net was constructed on approximately a two-third scale of the offshore net described above.

A 60-minute haul with the 3.5-inch net was attempted at each of the offshore stations occupied, and 15-minute hauls with the 1.25-inch net were made at each of the inshore stations. Catches of all hauls, including the 15-minute inshore stations, were standardized to a 60-minute basis and tabulated in Appendix Table 1.

All halibut were sorted from the catch as soon as brought on deck and were placed in a live-tank with running sea water. A sample of the remaining catch was then drawn to determine the relative weight of the various species of fish and other important faunal items present. A visual estimate of the total weight of the catch was made by the captain experienced in such matters.

For age and sex composition studies otoliths from the left or white side of three halibut in each centimeter size group through 64 cm. were collected from each area.

On completing sampling of the catch for age materials the viable halibut in the live-tank were tagged. Individuals less than 65 cm. in total length were tagged by attaching wire-reinforced, vinyl spaghetti-

type tags around the pre-opercular bone; fish between 65 and 80 cm. were double-tagged with the spaghetti tag and the regular IPHC metal strap tag inserted through the opercular bone near the upper angle of the gill opening; and fish over 80 cm. were tagged with the regular IPHC metal strap tag only. All tags were placed on the right or pigmented side of the fish. The length frequency of tagged halibut is given in Table 2.

Table 2. Length Frequency of Halibut Tagged During Recruitment Investigations, Gulf of Alaska, 1967

<u>Centimeter Group</u>	<u>Number</u>	<u>Centimeter Group</u>	<u>Number</u>	<u>Centimeter Group</u>	<u>Number</u>
15-19	12	65-69	195	115-119	8
20-24	418	70-74	107	120-124	4
25-29	466	75-79	66	125-129	4
30-34	819	80-84	71	130-134	0
35-39	439	85-89	41	135-139	1
40-44	428	90-94	36	140-144	2
45-49	465	95-99	16	145-149	0
50-54	402	100-104	20	150-154	0
55-59	337	105-109	15	155-159	1
60-64	222	110-114	10	Total tagged	4,605

The sample for the determination of composition of catch was sorted and weighed by species upon completion of the tagging and measuring of the halibut. A haul-by-haul tabulation of this incidental catch is appended to this report. For some hauls the primary demands of tagging and measuring the halibut precluded the detailed tabulation of the associated species. Consequently, only 223 of the 251 hauls were sorted by species. The unsorted hauls appear as a zero catch in Appendix Table 1. This does not necessarily mean no fish were caught but rather that it was impossible to expend the time to enumerate species other than halibut.

Bathythermograph casts were made at all stations occupied as well as at those deemed to be unfishable due to weather or bottom topography.

Results

The total catch by species is summarized in Table 3 for the 223 hauls that were sorted according to species.

The clusters of stations occupied in this survey have been selected for their availability of juvenile halibut. Consequently, the proportion of halibut in the total catch (10.5 percent) is higher than is usual in average trawl fishing in the region. These grounds also produced relatively high catches of other flatfish species and rather low proportions of round fish.

The number and weight of halibut taken have been summarized by grounds in Tables 4 through 8. Also given are the length frequencies of

the halibut caught and the age composition of those below 65 cm. in total length.

Table 3. Summary of Total Catch of 223 Hauls Sorted by Species, Gulf of Alaska, 1967

<u>Species</u>	<u>Pounds</u>	<u>Percent of Catch</u>
Pacific halibut	30,500	10.5
Rock sole	29,500	10
Butter sole	27,100	9
Arrowtooth flounder	25,600	9
Starry flounder	21,600	7
Tanner crab	21,000	7
Yellowfin sole	20,300	7
King crab	17,000	6
Flathead sole	15,800	5
Sculpins (cottidae)	14,700	5
English sole	13,100	5
Skates	8,600	3
Dungeness crab	7,900	3
Sand sole	6,100	2
Walleye pollock	5,400	2
Rex sole	4,700	2
True cod	4,600	2
All other species	<u>16,700</u>	<u>6</u>
Total	290,200	100.5

A haul by-haul tabulation of the catches of halibut, other fish, and shellfish is given in Appendix Table 1. The halibut catch is tabulated by number and weight for both legal and sublegal sizes. All other fish and shellfish are listed as the weight in pounds per 60-minute haul.

As explained previously, all catches have been calculated on the basis of a 60-minute haul; however, the actual time fished is given in the identification heading for each station. Consequently, on account of the calculated character of some of the hauls the halibut catch in Appendix Table 1 will not agree with the actual catch of halibut listed in Tables 4 through 8.

Literature Cited

Best, E. A.

1969 Recruitment investigations: Trawl catch records in Bering Sea, 1967. Int. Pac. Hal. Comm. Tech. Rept. (1): 24 pp., Seattle.

International Pacific Halibut Commission

1964 Catch records of a trawl survey conducted by the International Pacific Halibut Commission between Unimak Pass and Cape Spencer, Alaska from May 1961 to April 1963. Int. Pac. Hal. Comm. Rept. (36): 524 pp., Seattle.

Table 4. The number, weight, age composition, and length frequency of halibut taken in Shelikof Bay and Icy Strait (INPFC Area - Southeastern).

	<u>Shelikof Bay</u>	<u>Icy Strait</u>
<u>Operations</u>		
No. of hauls	30	25
Fishing time (hrs.)	7.8	6.5
Depth range (fms.)	12-22	22-25
<u>Halibut</u>		
No. individuals <65 cm.	848	356
No. individuals >64 cm.	14	45
Wt. in lbs. of individuals <65 cm.	1,122	1,142
Wt. in lbs. of individuals >64 cm.	94	372
Total weight halibut	1,216	1,514

<u>Age composition of halibut under 65 cm.</u>				<u>Halibut length frequency</u>		
<u>Year Class</u>	<u>Age</u>	<u>Shelikof Bay</u>	<u>Icy Strait</u>	<u>Cm. Group</u>	<u>Shelikof Bay</u>	<u>Icy Strait</u>
		<u>No.</u>	<u>No.</u>		<u>No.</u>	<u>No.</u>
1967	0	145	0	5-9	145	0
1966	1	160	0	10-14	73	0
				15-19	38	0
				20-24	33	0
				25-29	23	0
1965	2	45	2	30-34	16	2
1964	3	98	9	35-39	66	8
				40-44	158	28
				45-49	160	69
1963	4	205	46	50-54	84	99
				55-59	35	95
1962	5	117	92	60-64	17	55
				65-69	12	23
				70-74	2	10
1961	6	66	165	75-79	0	8
				80-84	0	2
1960	7	9	31	85-89	0	0
				90-94	0	2
1959	8	3	5	Total	862	401
1958	9	0	6			
Total		848	356			

Table 5. The number, weight, age composition, and length frequency of halibut taken at Kayak Island and Cape St. Elias (INPFC Area - Yakutat).

<u>Operations</u>	<u>Kayak Island</u>	<u>Cape St. Elias</u>
No. of hauls	30	32
Fishing time (hrs.)	7.8	30.0
Depth range (fms.)	11-26	20-128
<u>Halibut</u>		
No. individuals <65 cm.	3,136	317
No. individuals >64 cm.	7	95
Wt. in lbs. of individuals <65 cm.	541	856
Wt. in lbs. of individuals >64 cm.	64	1,365
Total weight halibut	605	2,221

<u>Age composition of halibut under 65 cm.</u>				<u>Halibut length frequency</u>		
<u>Year Class</u>	<u>Age</u>	<u>Kayak Island No.</u>	<u>Cape St. Elias No.</u>	<u>Cm. Group</u>	<u>Kayak Island No.</u>	<u>Cape St. Elias No.</u>
1967	0	240	0	5-9	317	0
1966	1	2,394	0	10-14	1,614	0
				15-19	696	0
				20-24	110	0
				25-29	106	0
1965	2	273	0	30-34	99	11
1964	3	133	21	35-39	73	34
				40-44	60	50
				45-49	31	60
1963	4	56	69	50-54	12	63
				55-59	11	60
1962	5	30	67	60-64	7	39
				65-69	3	27
				70-74	3	16
1961	6	10	114	75-79	0	12
				80-84	0	13
1960	7	0	32	85-89	0	8
				90-94	1	2
				95-99	0	2
1959	8	0	6	100-104	0	3
				105-109	0	3
1958	9	0	9	110-114	0	3
				115-119	0	2
Total		3,136	317	120-124	0	2
				125-129	0	1
				130-134	0	0
				135-139	0	0
				140-144	0	1
				Total	3,143	412

Table 6. The number, weight, age composition, and length frequency of halibut taken at Cape Chiniak (INPFC Area - Kodiak).

<u>Operations</u>	<u>Cape Chiniak</u>
No. of hauls	39
Fishing time (hrs.)	26.9
Depth range (fms.)	29-90
<u>Halibut</u>	
No. individuals <65 cm.	913
No. individuals >64 cm.	136
Wt. in lbs. of individuals <65 cm.	1,866
Wt. in lbs. of individuals >64 cm.	1,846
Total weight halibut	3,712

<u>Age composition of halibut under 65 cm.</u>			<u>Halibut length frequency</u>	
<u>Year Class</u>	<u>Age</u>	<u>Cape Chiniak No.</u>	<u>Cm. Group</u>	<u>Cape Chiniak No.</u>
1965	2	3	20-24	1
1964	3	304	25-29	62
			30-34	201
1963	4	232	35-39	114
			40-44	123
1962	5	200	45-49	111
			50-54	105
1961	6	150	55-59	115
			60-64	81
1960	7	18	65-69	46
			70-74	22
1959	8	6	75-79	16
			80-84	13
Total		913	85-89	12
			90-94	6
			95-99	2
			100-104	6
			105-109	3
			110-114	3
			115-119	3
			120-124	1
			125-129	1
			130-134	0
			135-139	1
			140-144	1
			Total	1,049

Table 7. The number, weight, age composition, and length frequency of halibut taken at Alitak and Chirikof Island (INPFC Area - Chirikof).

	<u>Alitak</u>	<u>Chirikof Island</u>
<u>Operations</u>		
No. of hauls	31	37
Fishing time (hrs.)	4.6	34.3
Depth range (fms.)	8-22	15-80
<u>Halibut</u>		
No. individuals <65 cm.	11,044	7,395
No. individuals >64 cm.	24	331
Wt. in lbs. of individuals <65 cm.	929	6,997
Wt. in lbs. of individuals >64 cm.	248	4,360
Total weight halibut	1,177	11,357

<u>Age composition of halibut under 65 cm.</u>				<u>Halibut length frequency</u>		
<u>Year Class</u>	<u>Age</u>	<u>Alitak No.</u>	<u>Chirikof Island No.</u>	<u>Cm. Group</u>	<u>Alitak No.</u>	<u>Chirikof Island No.</u>
1966	1	8,238	87	5-9	194	0
1965	2	1,299	1,240	10-14	7,651	44
				15-19	1,560	92
				20-24	1,090	582
				25-29	263	1,599
1964	3	1,431	4,134	30-34	154	2,734
1963	4	52	967	35-39	57	856
				40-44	25	465
				45-49	14	391
				50-54	22	280
1962	5	21	568	55-59	7	206
1961	6	3	348	60-64	7	146
				65-69	12	84
				70-74	2	65
1960	7	0	32	75-79	0	43
				80-84	5	42
				85-89	3	24
1959	8	0	15	90-94	1	27
				95-99	0	13
				100-104	1	10
				105-109	0	6
1958	9	0	4	110-114	0	8
				115-119	0	6
				120-124	0	1
				125-129	0	1
				130-134	0	0
				135-139	0	0
				140-144	0	0
				145-149	0	0
				150-154	0	0
				155-159	0	1
				Total		11,044

Table 8. The number, weight, age composition, and length frequency of halibut taken off Unimak Island (INPFC Area - Shumagin).

<u>Operations</u>	<u>Inshore</u>	<u>Offshore</u>
No. of hauls	12	11
Fishing time (hrs.)	12.0	2.7
Depth range (fms.)	20-56	6-18
<u>Halibut</u>		
No. individuals <65 cm.	448	192
No. individuals >64 cm.	7	10
Wt. in lbs. of individuals <65 cm.	480	62
Wt. in lbs. of individuals >64 cm.	162	197
Total weight halibut	642	259

<u>Age composition of halibut under 65 cm.</u>				<u>Halibut length frequency</u>		
<u>Year Class</u>	<u>Age</u>	<u>Inshore No.</u>	<u>Offshore No.</u>	<u>Cm. Group</u>	<u>Inshore No.</u>	<u>Offshore No.</u>
1966	1	103	0	10-14	67	-
1965	2	46	44	15-19	41	15
				20-24	47	28
				25-29	11	20
				30-34	5	152
1964	3	22	148	35-39	6	141
1963	4	8	148	40-44	7	45
				45-49	2	13
				50-54	4	15
				55-59	1	10
1962	5	9	61	60-64	1	9
1961	6	4	45	65-69	1	1
				70-74	1	1
				75-79	-	-
				80-84	2	-
1960	7	0	2	85-89	-	1
				90-94	2	1
				95-99	-	-
				100-104	1	-
				105-109	3	1
				110-114	-	-
				115-119	-	1
				120-124	-	-
				125-129	-	1
				Total		192

APPENDIX TABLE 1

HAUL NO.	= Sequence of hauls beginning with No. 1.
STATION	= Identification of station within predetermined grid.
MO DA YR	= Date station occupied, 053167 = 31 May 1967.
W. LONG.	= Position of station in degrees and minutes of west long.
N. LAT.	= Position of station in degrees and minutes of north lat.
VESSEL	= Vessel name.
DURATION	= Length of haul in minutes.
DEPTH MAX.	= Maximum depth of haul in fathoms.
NET MESH	= Size of codend mesh in inches.
CATCH	= All catch information adjusted to a 60-minute haul.
HALIBUT	= <u>Hippoglossus hippoglossus stenolepis</u> .
NO.LESS 65	= No. halibut less than 65 cm. in total length.
NO.GTR 64	= No. halibut greater than 64 cm. in total length.
WT.LESS 65	= Weight, in pounds, of halibut less than 65 cm.
WT.GTR 64	= Weight, in pounds, of halibut greater than 64 cm.
TOTAL WT.	= Total weight of halibut.
SOLE+FLFSH	= Weight, in pounds, of flatfish.
FLATHEAD	= <u>Hippoglossoides elassodon</u> .
ROCK	= <u>Lepidopsetta bilineata</u> .
REX	= <u>Glyptocephalus zachirus</u> .
BUTTER	= <u>Isopsetta isolepis</u> .
YELLOWFIN	= <u>Limanda aspera</u> .
ENGLISH	= <u>Parophrys vetulus</u> .
DOVER	= <u>Microstomus pacificus</u> .
TURBOT	= <u>Atheresthes stomias</u> .
STR FLDR	= <u>Platichthys stellatus</u> .
ALA PLAICE	= <u>Pleuronectes quadrituberculatus</u> .
SAND SOLE	= <u>Psettichthys melanostictus</u> .
PETRALE	= <u>Eopsetta jordani</u> .
MISC FTFSH	= All other flatfish.
TOT. FTFSH	= Total weight, in pounds, of all flatfish less halibut.
ROUND FISH	= Weight, in pounds, of other fish except elasmobranchs.
LING COD	= <u>Ophiodon elongatus</u> .
TRUE COD	= <u>Gadus macrocephalus</u> .
BLACK COD	= <u>Anoplopoma fimbria</u> .
POLLACK	= <u>Theragra chalcogrammus</u> .
COTTIDS	= All fishes of the Family Cottidae.
IDIOTS	= <u>Sebastolobus alascanus</u> .
OC. PERCH	= <u>Sebastes alutus</u> .
ROCKFISH	= <u>Sebastes</u> species.
GRENADIER	= All fishes of the Family Macrouridae.
MISC RDFSH	= All other round fishes caught.
TOT. RDFSH	= Total weight, in pounds, of all round fish.
SHELL FISH	= Weight, in pounds, of shell fish.
KING CRB	= <u>Paralithodes camtschatica</u> .
TANNER CRB	= <u>Chionectes</u> spp.
DUNGEN CRB	= <u>Cancer magister</u> .
SHRIMP	= All shrimp species.
SCALLOP	= All scallop species.
TOT. SHFSH	= Total weight, in pounds, of all shell fish.
OCPS + SQD	= Weight of octopus and squid.
ELASMOBRCH	= Weight of all sharks, skates and rays.
TOT. CATCH	= Total weight of all fish and shell fish caught.

HAUL NO. STATION	D 1 2	D 2 2	D 3 4	D 4 3	D 5 1	D 6 5
MO DA YR	061667	061767	061767	061767	061767	061767
W. LONG.	135 47	135 47	135 47	135 47	135 47	135 47
N. LAT.	57 09	57 09	57 09	57 09	57 09	57 09
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	15	15	15	15	15	15
DEPTH MAX.	015	014	015	013	022	022
NET MESH	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
CATCH						
HALIBUT						
NO.LESS 65	0.	100.0	40.0	96.0	40.0	268.0
NO.GTR 64	0.	8.0	4.0	0.	0.	16.0
WT.LESS 65	0.	120.9	72.3	18.4	73.5	618.3
WT.GTR 64	0.	54.2	30.5	0.	0.	110.1
TOTAL WT.	0.	183.1	102.7	18.4	73.5	728.4
SOLE+FLFSH						
FLATHEAD	0.	0.	0.	0.	0.	0.
ROCK	0.	40.7	40.7	106.7	80.0	680.0
REX	0.	0.	0.	0.	0.	0.
BUTTER	0.	82.7	80.0	53.1	40.0	0.
YELLOWFIN	0.	0.	0.	1.2	4.0	0.
ENGLISH	0.	0.	0.	6.0	4.0	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	0.	12.0	0.	1.2	0.8	0.
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.8	4.0	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	2.0	0.	0.
TOT. FTFSH	0.	136.2	124.7	170.1	128.8	680.0
ROUND FISH						
LING COD	0.	16.0	0.	82.0	0.	124.0
TRUE COD	0.	0.	0.	0.	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	0.	0.	0.	0.	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.8	1.6	0.8	0.	0.
TOT. RDFS	0.	16.8	1.6	82.8	0.	124.0
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	0.	0.	0.	0.	0.	0.
DUNGEN CRB	0.	40.0	0.	8.0	0.	0.
SHRIMP	0.	0.	0.4	0.8	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	0.	40.0	0.4	8.8	0.	0.
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	0.	376.1	229.5	280.1	202.3	1532.4

HAUL NO. STATION	D 7 1	D 8 4	D 9 3	D 10 2	D 11 5	D 12 1
MO DA YR	061767	061767	061767	061767	061767	061767
W. LONG.	135 47	135 47	135 47	135 47	135 47	135 47
N. LAT.	57 09	57 09	57 09	57 09	57 09	57 09
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	15	15	15	15	15	15
DEPTH MAX.	022	015	013	014	022	022
NET MESH	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
CATCH						
HALIBUT						
NO.LESS 65	32.0	32.0	48.0	40.0	80.0	20.0
NO.GTR 64	0.	4.0	0.	0.	0.	0.
WT.LESS 65	55.2	43.2	24.8	80.5	124.5	42.7
WT.GTR 64	0.	25.2	0.	0.	0.	0.
TOTAL WT.	55.2	68.3	24.8	80.5	124.5	42.7
SOLE+FLFSH						
FLATHEAD	0.	8.0	0.	0.	0.	0.
ROCK	100.0	80.0	28.4	67.3	620.0	136.0
REX	0.	0.	0.	0.	0.	0.
BUTTER	0.	160.0	34.3	88.0	0.	136.0
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	0.	4.8	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	0.	0.	1.1	6.0	0.	8.0
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	8.0	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.4	0.	0.
TOT. FTFSH	100.0	256.0	68.5	161.7	620.0	280.0
ROUND FISH						
LING COD	56.0	2.0	0.	116.0	56.0	48.0
TRUE COD	0.	0.	0.	0.	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	0.	0.	0.	0.	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.	2.0	0.	0.	0.
TOT. RDFS	56.0	2.0	2.0	116.0	56.0	48.0
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	0.	0.	0.	0.	0.	0.
DUNGEN CRB	0.	0.	0.	8.0	0.	8.0
SHRIMP	0.	0.	0.	0.8	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	0.	0.	0.	8.8	0.	8.0
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	240.0	0.	0.	0.
TOT. CATCH	211.2	326.3	335.4	367.1	800.5	378.7

HAUL NO. STATION	D 13	D 14	D 15	D 16	D 17	D 18
MO DA YR	061767	061867	061867	061867	061867	061867
W. LONG.	135 47	135 47	135 47	135 47	135 47	135 47
N. LAT.	57 09	57 09	57 09	57 09	57 09	57 09
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	15	15	15	15	15	15
DEPTH MAX.	015	013	014	013	015	014
NET MESH	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
CATCH						
HALIBUT						
NO. LESS 65	28.0	80.0	76.0	104.0	92.0	96.0
NO. GTR 64	0.	0.	4.0	0.	0.	8.0
WT. LESS 65	35.2	98.3	111.6	52.2	104.0	108.9
WT. GTR 64	0.	0.	24.0	0.	0.	53.0
TOTAL WT.	35.2	98.3	135.6	52.2	104.0	161.9
SOLE+FLFSH						
FLATHEAD	0.	0.	0.	0.	0.	0.
ROCK	100.0	114.0	56.0	120.0	120.0	35.5
REX	0.	0.	0.	0.	0.	0.
BUTTER	100.0	284.7	336.0	120.0	140.0	400.8
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	0.	0.	0.4	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	0.	0.	11.2	0.	4.0	14.4
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	5.6	0.	0.	2.4
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	5.8	5.6	0.	0.	0.
TOT. FTFSH	200.0	404.5	414.4	240.4	264.0	453.1
ROUND FISH						
LING COD	0.	32.0	40.0	0.	0.	100.0
TRUE COD	0.	0.	0.	0.	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	0.	0.	0.	0.	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.	0.	0.	0.	1.2
TOT. RDFS	0.	32.0	40.0	0.	0.	101.2
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	0.	0.	0.	0.	0.	0.
DUNGEN CRB	20.0	12.0	0.	0.	0.	30.0
SHRIMP	0.	0.	0.	0.	0.	0.8
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	20.0	12.0	0.	0.	0.	30.8
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	180.0	0.	0.	0.
TOT. CATCH	255.2	546.8	770.0	292.6	368.0	747.0

HAUL NO. STATION	D 19	D 20	D 21	D 22	D 23	D 24
MO DA YR	061867	061867	061867	062067	062067	062067
W. LONG.	135 47	135 47	135 47	136 12	136 12	136 12
N. LAT.	57 09	57 09	57 09	58 13	58 13	58 13
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	15	15	15	15	15	15
DEPTH MAX.	022	022	022	025	023	024
NET MESH	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
CATCH						
HALIBUT						
NO. LESS 65	188.0	64.0	112.0	60.0	28.0	112.0
NO. GTR 64	8.0	4.0	0.	8.0	0.	4.0
WT. LESS 65	364.6	130.1	197.2	200.1	72.8	293.1
WT. GTR 64	92.9	24.0	0.	55.8	0.	26.4
TOTAL WT.	417.5	154.1	197.2	256.0	72.8	319.5
SOLE+FLFSH						
FLATHEAD	0.	0.	0.	265.7	368.5	77.0
ROCK	520.0	80.0	120.0	375.2	475.2	109.2
REX	0.	0.	0.	79.2	17.6	34.4
BUTTER	0.	160.0	0.	160.8	1227.7	256.8
YELLOWFIN	0.	0.	0.	888.0	613.2	154.8
ENGLISH	0.	0.	0.	887.3	1928.7	232.2
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	0.	4.0	0.	1949.5	665.8	25.2
STR FLDR	0.	0.	0.	20.0	20.0	2311.2
ALA PLAICE	0.	0.	0.	0.	0.	705.6
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	520.0	244.0	120.0	4625.7	5316.7	3906.4
ROUND FISH						
LING COD	0.	56.0	0.	0.	0.	0.
TRUE COD	0.	0.	0.	660.0	281.6	117.6
BLACK COD	0.	0.	0.	72.0	316.8	0.
POLLACK	0.	0.	0.	0.	20.0	215.0
COTTIDS	0.	0.	0.	2.0	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.	0.	63.6	2.0	1.6
TOT. RDFS	0.	56.0	0.	797.6	620.4	334.2
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	0.	0.	0.	444.0	140.8	378.4
DUNGEN CRB	0.	0.	0.	0.	24.0	168.0
SHRIMP	0.	0.	0.	8.8	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	0.	0.	0.	452.8	164.8	546.4
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	20.0	0.	0.
TOT. CATCH	937.5	454.1	317.2	6152.1	6174.6	5106.6

HAUL NO.	D 25	D 26	D 27	D 28	D 29	D 30
STATION	1	2	3	1	2	3
MO DA YR	062067	062067	062067	062167	062167	062167
W. LONG.	136 12	136 12	136 12	136 12	136 12	136 12
N. LAT.	58 13	58 13	58 13	58 13	58 13	58 13
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	15	15	15	15	15	15
DEPTH MAX.	024	023	024	025	023	024
NET MESH	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
CATCH						
HALIBUT						
NO.LESS 65	24.0	48.0	100.0	40.0	48.0	92.0
NO.GTR 64	4.0	12.0	16.0	8.0	0.	16.0
WT.LESS 65	97.3	175.8	312.9	157.8	146.4	297.2
WT.GTR 64	30.5	78.2	118.8	71.0	0.	107.4
TOTAL WT.	127.8	254.0	431.7	228.8	146.4	404.6
SOLE+FLFSH						
FLATHEAD	120.0	176.9	245.7	659.0	363.7	307.6
ROCK	168.0	226.8	318.6	0.	170.8	295.0
REX	24.0	8.4	11.6	123.7	108.9	130.5
BUTTER	72.0	588.0	818.0	548.6	906.9	1065.2
YELLOWFIN	400.0	294.0	408.0	631.7	183.0	438.1
ENGLISH	400.0	927.7	1287.0	577.9	910.0	827.6
DOVER	0.	0.	0.	13.6	0.	0.
TURBOT	880.0	319.2	443.8	783.7	606.7	522.1
STR FLDR	0.	0.	0.	0.	512.4	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	2064.0	2541.0	3534.0	3338.4	3762.4	3586.1
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	300.0	134.4	185.6	0.	0.	0.
BLACK COD	0.	121.2	440.8	489.6	0.	60.0
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	0.	0.	0.	0.	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	28.0	0.	0.	28.8	24.0	0.
TOT. RDFS	328.0	285.6	626.4	518.4	24.0	60.0
SHELL FISH						
KING CRB	0.	0.	0.	0.	40.0	0.
TANNER CRB	3600.0	1920.0	92.8	343.3	0.	403.5
DUNGEN CRB	0.	0.	0.	50.0	312.0	32.0
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	3600.0	1920.0	92.8	393.3	352.0	435.5
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	600.0	360.0	320.0
TOT. CATCH	6119.8	5000.6	4684.9	5078.9	4644.8	4806.2

HAUL NO.	D 31	D 32	D 33	D 34	D 35	D 36
STATION	1	2	3	1	2	3
MO DA YR	062167	062167	062167	062167	062167	062167
W. LONG.	136 12	136 12	136 12	136 12	136 12	136 12
N. LAT.	58 13	58 13	58 13	58 13	58 13	58 13
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	15	15	15	15	15	15
DEPTH MAX.	025	023	024	025	022	024
NET MESH	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
CATCH						
HALIBUT						
NO.LESS 65	24.0	68.0	92.0	28.0	76.0	64.0
NO.GTR 64	8.0	12.0	8.0	12.0	16.0	8.0
WT.LESS 65	101.6	264.3	289.8	102.6	250.6	217.4
WT.GTR 64	71.5	116.6	73.7	138.6	121.4	61.3
TOTAL WT.	173.0	380.9	363.5	241.2	372.1	278.7
SOLE+FLFSH						
FLATHEAD	65.1	15.4	64.1	88.3	377.0	51.1
ROCK	95.2	182.0	93.6	123.2	151.2	72.8
REX	187.0	117.0	28.8	255.0	97.2	23.2
BUTTER	40.8	973.8	213.6	52.8	807.7	170.4
YELLOWFIN	220.0	195.0	122.4	290.0	162.0	104.4
ENGLISH	221.8	973.3	191.7	294.5	826.7	153.9
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	487.4	648.9	21.6	649.8	537.8	16.8
STR FLDR	0.	546.0	1922.4	0.	453.6	1533.6
ALA PLAICE	0.	0.	604.8	0.	0.	470.4
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	1317.3	3651.5	3263.0	1759.7	3413.2	2596.6
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	180.0	0.	180.0	210.0	0.	78.4
BLACK COD	72.0	0.	0.	0.	0.	0.
POLLACK	0.	0.	180.0	0.	0.	140.0
COTTIDS	0.	0.	0.	0.	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	12.8	64.0	3.2	19.6	3.6	1.6
TOT. RDFS	264.8	64.0	363.2	229.6	3.6	220.0
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	1800.0	0.	312.4	140.0	0.	250.8
DUNGEN CRB	40.0	332.8	144.0	0.	291.6	0.
SHRIMP	4.8	0.	0.	0.	0.	112.0
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	1844.8	332.8	456.4	140.0	291.6	362.8
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	360.0	360.0	0.	0.	0.	0.
TOT. CATCH	3960.0	4789.2	4446.1	2370.5	4080.4	3458.1

HAUL NO. STATION MO DA YR W. LONG. N. LAT. VESSEL DURATION DEPTH MAX. NET MESH CATCH HALIBUT NO. LESS 65 NO. GTR 64 WT. LESS 65 WT. GTR 64 TOTAL WT.	D 37 3 062367 144 32 59 54 DON ED 15 012 1 1/4	D 38 1 062367 144 32 59 54 DON ED 15 011 1 1/4	D 39 2 062367 144 32 59 54 DON ED 15 018 1 1/4	D 40 4 062367 144 32 59 54 DON ED 15 018 1 1/4	D 41 5 062367 144 32 59 54 DON ED 15 025 1 1/4	D 42 2 062367 144 32 59 54 DON ED 15 018 1 1/4
SOLE+FLFSH						
FLATHEAD	0.	0.	22.4	4.0	37.4	33.6
ROCK	18.0	37.6	0.	0.	0.	0.
REX	5.9	0.	47.8	24.9	10.1	71.7
BUTTER	43.2	138.6	49.3	132.6	34.0	73.6
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	0.	0.	4.0	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	5.8	6.2	15.4	20.9	46.0	23.0
STR FLDR	82.5	147.2	19.2	0.	0.	28.8
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	4.8	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	160.2	329.6	154.0	186.4	127.5	230.7
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	0.	0.	0.	0.	0.
BLACK COD	0.	0.	0.	0.	48.0	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	0.	0.	0.	0.	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	9.6	7.7	20.8	32.6	11.7
TOT. RDFS	0.	9.6	7.7	20.8	80.6	11.7
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	1.6	0.	0.	0.	8.0	0.
DUNGEN CRB	0.	36.0	0.	20.0	52.8	0.
SHRIMP	1.6	3.2	0.	4.0	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	3.2	39.2	0.	24.0	60.8	0.
OCPS + SQD ELASMOBRCH	0. 0.	0. 0.	0. 0.	0. 0.	0. 0.	0. 0.
TOT. CATCH	251.5	440.2	343.9	332.6	383.9	344.4

HAUL NO. STATION MO DA YR W. LONG. N. LAT. VESSEL DURATION DEPTH MAX. NET MESH CATCH HALIBUT NO. LESS 65 NO. GTR 64 WT. LESS 65 WT. GTR 64 TOTAL WT.	D 43 4 062367 144 32 59 54 DON ED 15 018 1 1/4	D 44 3 062367 144 32 59 54 DON ED 15 012 1 1/4	D 45 1 062367 144 32 59 54 DON ED 15 012 1 1/4	D 46 5 062367 144 32 59 54 DON ED 15 025 1 1/4	D 47 5 062367 144 32 59 54 DON ED 15 025 1 1/4	D 48 5 062467 144 32 59 54 DON ED 15 025 1 1/4
SOLE+FLFSH						
FLATHEAD	6.0	0.	0.	0.	60.6	45.8
ROCK	0.	17.5	44.8	0.	0.	0.
REX	37.3	0.	5.9	0.	22.6	23.2
BUTTER	198.4	43.2	166.5	0.	76.0	26.6
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	6.0	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	31.3	5.8	7.5	0.	103.5	156.5
STR FLDR	0.	82.5	177.9	0.	0.	36.0
ALA PLAICE	32.0	0.	0.	0.	0.	0.
SAND SOLE	0.	4.8	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	311.1	161.7	396.7	0.	285.6	288.2
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	0.	0.	0.	0.	0.
BLACK COD	0.	0.	0.	0.	108.0	10.8
POLLACK	0.	0.	0.	0.	0.	7.6
COTTIDS	0.	0.	0.	0.	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	31.2	0.	9.6	0.	73.3	0.
TOT. RDFS	31.2	0.	9.6	0.	181.3	18.4
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	0.	1.6	0.	0.	10.8	7.7
DUNGEN CRB	16.0	0.	0.	0.	72.0	72.0
SHRIMP	4.0	1.6	3.2	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	20.0	3.2	3.2	0.	82.8	79.7
OCPS + SQD ELASMOBRCH	0. 0.	0. 0.	0. 0.	0. 0.	0. 0.	0. 0.
TOT. CATCH	396.3	258.5	475.9	0.	648.9	450.9

HAUL NO.	D 49	D 50	D 51	D 52	D 53	D 54
STATION	4	3	1	2	4	3
MO DA YR	062467	062467	062467	062467	062467	062467
W. LONG.	144 32	144 32	144 32	144 32	144 32	144 32
N. LAT.	59 54	59 54	59 54	59 54	59 54	59 54
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	15	15	15	15	15	15
DEPTH MAX.	018	012	012	018	018	012
NET MESH	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
CATCH						
HALIBUT						
NO. LESS 65	88.0	724.0	448.0	224.0	328.0	260.0
NO. GTR 64	0.	0.	0.	0.	4.0	0.
WT. LESS 65	29.2	74.2	84.9	64.5	25.4	41.7
WT. GTR 64	0.	0.	0.	0.	25.2	0.
TOTAL WT.	29.2	74.2	84.9	64.5	50.5	41.7
SOLE+FLFSH						
FLATHEAD	19.4	0.	0.	0.	19.4	0.
ROCK	0.	17.6	11.2	0.	0.	3.2
REX	53.8	8.8	0.	79.3	53.8	1.6
BUTTER	53.7	52.8	24.0	79.3	53.7	9.6
YELLOWFIN	4.0	0.	0.	0.	4.0	0.
ENGLISH	24.0	0.	0.	0.	24.0	0.
DOVER	0.	4.4	0.	0.	0.	0.8
TURBOT	109.1	4.4	9.6	66.1	109.1	0.8
STR FLDR	56.0	242.0	190.4	0.	56.0	44.0
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	320.1	330.0	235.2	224.6	320.1	60.0
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	0.	0.	0.	0.	0.
BLACK COD	60.0	0.	0.	60.0	0.	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	0.	0.	0.	0.	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	2.0	0.	0.	16.7	40.0	0.
TOT. RDFS	62.0	0.	0.	76.7	40.0	0.
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	10.0	0.	6.4	4.0	10.0	0.
DUNGEN CRB	33.0	0.	24.0	36.0	33.0	0.
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	43.0	0.	30.4	40.0	43.0	0.
OCPS + SGD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	24.0	0.	0.	240.0
TOT. CATCH	454.3	404.2	374.5	405.8	453.7	341.7

HAUL NO.	D 55	D 56	D 57	D 58	D 59	D 60
STATION	1	2	5	77A	77B	78B
MO DA YR	062467	062467	062467	070167	070167	070167
W. LONG.	144 32	144 32	144 32	146 00	146 00	145 45
N. LAT.	59 54	59 54	59 54	60 18	60 12	60 09
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	15	15	15	60	60	60
DEPTH MAX.	012	018	025	030	060	060
NET MESH	1 1/4	1 1/4	1 1/4	3 1/2	3 1/2	3 1/2
CATCH						
HALIBUT						
NO. LESS 65	472.0	228.0	28.0	0.	2.0	2.0
NO. GTR 64	0.	0.	0.	0.	2.0	0.
WT. LESS 65	64.9	30.0	51.5	0.	8.1	7.7
WT. GTR 64	0.	0.	0.	0.	17.5	0.
TOTAL WT.	64.9	30.0	51.5	0.	25.5	7.7
SOLE+FLFSH						
FLATHEAD	0.	0.	78.1	2.1	78.5	30.0
ROCK	12.6	0.	0.	0.	0.	0.
REX	0.	102.9	39.2	0.5	29.1	12.0
BUTTER	28.0	103.1	44.8	0.	0.	0.
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	10.8	85.1	266.1	0.	196.1	91.2
STR FLDR	219.0	0.	60.0	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	270.4	291.3	488.2	2.6	305.7	133.2
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	0.	0.	0.	36.4	0.
BLACK COD	0.	48.0	18.0	0.	39.0	21.6
POLLACK	0.	0.	1.3	3.0	123.4	120.0
COTTIDS	0.	0.	0.	0.	7.8	2.4
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	13.0	24.0
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	21.7	0.	0.	2.6	0.
TOT. RDFS	0.	69.7	19.3	3.0	222.2	168.0
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	14.4	0.	1.3	0.	524.3	1200.0
DUNGEN CRB	24.0	0.	0.	0.	0.	0.
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	20.0
TOT. SHFSH	38.4	0.	1.3	0.	524.3	1220.0
OCPS + SGD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	373.7	391.0	560.3	5.6	1075.8	1528.9

HAUL NO. STATION	D 61 78C	D 62 78E	D 63 77E	D 64 77F	D 65 78F	D 66 78G
MO DA YR	070167	070267	070267	070267	070267	070267
W. LONG.	145 45	145 45	146 00	146 00	145 45	145 45
N. LAT.	60 03	59 51	59 54	59 48	59 45	59 39
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	60	60	60	60	60	60
DEPTH MAX.	053	055	053	054	058	058
NET MESH	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
CATCH						
HALIBUT						
NO.LESS 65	10.0	2.0	15.0	5.0	3.0	10.0
NO.GTR 64	3.0	2.0	1.0	4.0	6.0	1.0
WT.LESS 65	35.6	5.6	39.6	17.0	9.9	33.4
WT.GTR 64	80.6	15.8	8.0	26.5	123.7	7.3
TOTAL WT.	116.2	21.4	47.6	43.5	133.6	40.6
SOLE+FLFSH						
FLATHEAD	39.8	35.8	97.7	74.2	0.	522.5
ROCK	0.	0.	0.	0.	0.	0.
REX	0.	8.0	17.0	11.2	66.6	0.
BUTTER	0.	0.	0.	0.	0.	0.
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	12.0	17.0	29.4	118.4	0.
TURBOT	120.0	210.6	71.0	197.5	590.0	223.3
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	159.8	266.4	202.7	312.4	775.0	745.8
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	44.0	68.0	111.1	0.	0.
BLACK COD	21.0	0.	8.5	0.	28.0	0.
POLLACK	7.0	87.8	47.3	172.2	663.4	0.
COTTIDS	0.	0.	3.4	0.	0.	29.6
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.	0.	0.	0.	0.
TOT. RDFS	28.0	131.8	427.2	283.3	691.4	29.6
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	640.0	102.6	120.8	65.7	590.0	26.1
DUNGEN CRB	0.	0.	0.	0.	0.	0.
SHRIMP	0.	0.	1.7	0.	0.	0.
SCALLOP	10.0	5.0	3.0	3.2	3.0	0.
TOT. SHFSH	650.0	107.6	125.5	68.9	593.0	26.1
OCPS + SGD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	10.0	0.	0.	0.	0.
TOT. CATCH	954.0	537.2	803.0	708.1	2193.0	842.2

HAUL NO. STATION	D 67 79G	D 68 79F	D 69 79E	D 70 80E	D 71 80D	D 72 79C
MO DA YR	070367	070367	070367	070367	070367	070467
W. LONG.	145 30	145 30	145 30	145 15	145 15	145 30
N. LAT.	59 36	59 42	59 48	59 45	59 51	60 00
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	60	60	60	60	60	60
DEPTH MAX.	067	061	060	081	073	052
NET MESH	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
CATCH						
HALIBUT						
NO.LESS 65	3.0	16.0	17.0	0.	2.0	14.0
NO.GTR 64	8.0	7.0	9.0	2.0	3.0	1.0
WT.LESS 65	8.5	57.8	44.2	0.	7.2	29.8
WT.GTR 64	110.7	66.4	132.4	87.3	52.9	8.0
TOTAL WT.	119.2	124.2	176.6	87.3	60.0	37.7
SOLE+FLFSH						
FLATHEAD	908.8	500.0	134.2	213.1	9.0	150.9
ROCK	0.	0.	0.	0.	0.	0.
REX	0.	34.5	21.3	0.	5.4	25.9
BUTTER	0.	0.	0.	0.	0.	0.
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	0.	0.	0.	9.0	0.
DOVER	52.0	0.	42.2	2.8	44.8	0.
TURBOT	778.9	218.2	115.5	370.5	354.1	85.7
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	1739.7	752.6	313.2	586.5	422.3	262.6
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	96.1	53.2	155.8	45.0	0.
BLACK COD	12.0	86.8	0.	78.4	27.0	6.0
POLLACK	0.	0.	0.	96.9	85.5	129.6
COTTIDS	0.	0.	0.	2.8	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	74.1	130.2	0.
ROCKFISH	0.	0.	17.1	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.6	0.	0.	0.	0.
TOT. RDFS	12.0	183.5	70.3	408.0	287.7	135.6
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	0.	62.4	19.2	0.	37.3	107.7
DUNGEN CRB	0.	0.	0.	0.	0.	0.
SHRIMP	0.	0.	0.	0.	1.9	0.
SCALLOP	15.0	5.0	10.0	0.	0.	38.0
TOT. SHFSH	15.0	67.4	29.2	0.	39.1	145.7
OCPS + SGD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	95.0	5.0	0.	0.
TOT. CATCH	1885.9	1127.7	684.3	1086.9	809.2	581.6

HAUL NO. STATION	D 73 80C	D 74 80D	D 75 79B	D 76 79A	D 77 80A	D 78 81B
MO DA YR	070467	070467	070467	070467	070567	070567
W. LONG.	145 15	145 15	145 30	145 30	145 15	145 00
N. LAT.	59 57	60 03	60 06	60 12	60 09	60 06
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	60	60	60	60	60	60
DEPTH MAX.	070	072	074	025	026	030
NET MESH	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
CATCH						
HALIBUT						
NO.LESS 65	4.0	0.	0.	8.0	25.0	30.0
NO.GTR 64	5.0	1.0	4.0	5.0	2.0	6.0
WT.LESS 65	14.7	0.	0.	25.3	69.4	89.0
WT.GTR 64	60.7	8.7	31.8	73.9	19.5	84.7
TOTAL WT.	75.3	8.7	31.8	99.1	88.9	173.7
SOLE+FLFSH						
FLATHEAD	95.3	275.0	217.3	149.2	336.6	166.9
ROCK	0.	0.	0.	0.	0.	0.
REX	41.7	60.0	104.4	40.0	0.	26.0
BUTTER	0.	0.	0.	0.	0.	0.
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	0.	0.	52.5	44.8	190.4
DOVER	16.2	42.5	44.0	0.	0.	21.6
TURBOT	297.8	250.0	435.0	99.2	126.6	28.8
STR FLDR	0.	0.	0.	62.5	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	451.0	627.5	800.7	403.4	508.0	433.8
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	0.	5.0	222.5	5.0	24.0
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	40.5	200.0	325.5	593.7	179.2	238.0
COTTIDS	0.	20.0	0.	6.0	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	238.7	0.	70.4	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.	0.	0.	0.	24.0
TOT. RDFS	279.2	220.0	400.9	822.2	184.2	286.0
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	59.7	151.4	217.5	0.	2.8	7.1
DUNGEN CRB	0.	0.	0.	140.0	140.0	72.0
SHRIMP	0.	5.0	0.	0.2	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	59.7	156.4	217.5	140.2	142.8	79.1
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	60.0	100.0	0.	0.	100.0	125.0
TOT. CATCH	925.1	1112.6	1450.9	1465.0	1023.9	1097.6

HAUL NO. STATION	D 79 81C	D 80 82C	D 81 82B	D 82 82A	D 83 83A	D 84 83B
MO DA YR	070567	070567	070567	070767	070767	070767
W. LONG.	145 00	144 45	144 45	144 45	144 30	144 30
N. LAT.	60 00	59 57	60 03	60 03	60 06	60 00
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	60	30	35	60	60	60
DEPTH MAX.	070	128	113	021	017	070
NET MESH	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
CATCH						
HALIBUT						
NO.LESS 65	1.0	0.	0.	45.0	8.0	2.0
NO.GTR 64	1.0	2.0	0.	3.0	1.0	2.0
WT.LESS 65	4.1	0.	0.	117.6	20.0	8.5
WT.GTR 64	8.0	73.9	0.	22.9	9.9	14.2
TOTAL WT.	12.1	73.9	0.	140.4	30.0	22.8
SOLE+FLFSH						
FLATHEAD	280.5	58.5	8.2	46.7	0.	0.
ROCK	0.	0.	0.	11.5	0.	0.
REX	5.1	117.3	41.1	34.8	2.8	0.
BUTTER	0.	0.	0.	58.2	51.4	0.
YELLOWFIN	0.	0.	0.	0.	2.8	0.
ENGLISH	71.4	0.	0.	3.0	0.	0.
DOVER	12.0	0.	0.	0.	0.	0.
TURBOT	617.1	0.	0.	32.9	0.	0.
STR FLDR	0.	0.	0.	186.0	0.	0.
ALA PLAICE	0.	0.	0.	9.2	0.	0.
SAND SOLE	0.	0.	0.	0.	49.0	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	986.1	175.8	49.4	382.3	106.0	0.
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	1.0	0.	0.	25.3	0.	0.
BLACK COD	158.1	0.	0.	12.0	0.	0.
POLLACK	0.	64.0	16.5	55.2	0.	0.
COTTIDS	5.0	0.	10.3	0.	4.2	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	408.0	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.	0.	7.0	0.	0.
TOT. RDFS	572.1	64.0	26.7	59.5	4.2	0.
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	76.5	48.8	103.7	0.	0.	480.0
DUNGEN CRB	0.	0.	0.	139.2	90.0	0.
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	76.5	48.8	103.7	139.2	90.0	480.0
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	1.0	105.6	78.2	0.	300.0	0.
TOT. CATCH	1647.8	468.1	258.0	761.5	530.2	502.8

HAUL NO.	D 85	D 86	D 87	D 88	D 89	D 90
STATION	82D	82E	78A	76A	76B	540
MO DA YR	070767	070767	070867	070867	070867	071267
W. LONG.	144 45	145 00	145 45	146 15	146 15	151 45
N. LAT.	59 51	59 45	60 15	60 15	60 09	57 39
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	60	60	60	60	55	60
DEPTH MAX.	064	035	030	034	046	037
NET MESH	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
CATCH						
HALIBUT						
NO.LESS 65	0.	23.0	23.0	16.0	33.8	25.0
NO.GTR 64	0.	1.0	5.0	4.0	5.5	0.
WT.LESS 65	0.	46.4	62.8	48.5	48.2	37.5
WT.GTR 64	0.	6.6	70.6	69.5	116.6	117.5
TOTAL WT.	0.	53.0	133.4	118.0	164.7	155.0
SOLE+FLFSH						
FLATHEAD	145.2	172.1	126.7	0.	159.5	0.
ROCK	0.	0.	0.	0.	0.	1048.2
REX	48.3	140.3	38.1	0.	12.2	43.5
BUTTER	0.	0.	0.	0.	0.	0.
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	133.6	0.	0.	0.	0.
DOVER	0.	77.0	21.0	0.	0.	0.
TURBOT	132.3	63.0	84.7	0.	175.0	0.
STR FLDR	0.	63.0	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	325.8	649.1	270.5	0.	346.8	1091.7
ROUND FISH						
LING COD	0.	2.5	0.	0.	0.	0.
TRUE COD	40.5	262.5	33.6	0.	0.	105.0
BLACK COD	8.0	0.	0.	0.	36.7	0.
POLLACK	164.7	350.0	359.4	0.	0.	0.
COTTIDS	0.	0.	0.	0.	0.	785.8
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	40.5	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.2	0.	0.	36.7	0.
TOT. RDFS	253.7	015.2	393.0	0.	73.3	890.8
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	214.6
TANNER CRB	29.7	31.6	2.1	480.0	0.	8.7
DUNGEN CRB	0.	0.	136.5	0.	0.	0.
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	3.0	7.0	0.	0.	27.8	0.
TOT. SHFSH	32.7	38.6	138.6	480.0	27.8	223.3
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	612.2	1355.8	935.6	598.0	612.6	2360.8

HAUL NO.	D 91	D 92	D 93	D 94	D 95	D 96
STATION	54N	54M	54L	55M	55N	55O
MO DA YR	071367	071367	071367	071467	071467	071467
W. LONG.	151 45	151 45	151 45	151 30	151 30	151 30
N. LAT.	57 45	57 51	57 57	57 34	57 48	57 42
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	5	60	60	7	13	2
DEPTH MAX.	029	032	044	033	031	034
NET MESH	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
CATCH						
HALIBUT						
NO.LESS 65	24.0	161.0	143.0	8.6	9.2	0.
NO.GTR 64	12.0	3.0	4.0	0.	0.	0.
WT.LESS 65	22.5	213.5	172.4	2.6	12.6	0.
WT.GTR 64	329.5	40.7	54.3	0.	0.	0.
TOTAL WT.	352.1	254.2	226.7	2.6	12.6	0.
SOLE+FLFSH						
FLATHEAD	0.	0.	321.3	0.	0.	0.
ROCK	721.0	376.4	535.7	800.0	403.4	1530.0
REX	0.	0.	21.4	0.	0.	0.
BUTTER	0.	39.3	80.2	2314.3	0.	0.
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	154.3	0.	0.
TURBOT	0.	78.4	117.9	0.	0.	0.
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	721.0	494.1	1076.6	3268.6	403.4	1530.0
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	78.4	0.	0.	131.5	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	42.8	0.	0.	0.
COTTIDS	308.6	255.1	64.2	330.3	166.6	81.0
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	1.2	0.	0.	0.	70.2	0.
TOT. RDFS	309.8	333.5	107.0	330.3	368.3	81.0
SHELL FISH						
KING CRB	0.	203.0	85.8	0.	0.	0.
TANNER CRB	0.	0.	0.	130.3	0.	0.
DUNGEN CRB	0.	0.	0.	0.	0.	0.
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	15.0	3.0	0.	0.	0.
TOT. SHFSH	0.	218.0	88.8	130.3	0.	0.
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	1382.8	1299.7	1499.1	3731.8	784.3	1611.0

HAUL NO. STATION	D 97 55P	D 98 55Q	D 99 56R	D100 56Q	D101 56P	D102 56O
MO DA YR	071467	071467	071567	071567	071567	071567
W. LONG.	151 30	151 30	151 15	151 15	151 15	151 15
N. LAT.	57 36	57 30	57 27	57 33	57 39	57 45
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	60	60	15	55	60	31
DEPTH MAX.	040	088	045	040	037	036
NET MESH	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
CATCH						
HALIBUT						
NO. LESS 65	66.0	3.0	4.0	16.4	68.0	46.5
NO. GTR 64	2.0	1.0	4.0	4.4	7.0	3.9
WT. LESS 65	117.4	7.5	2.0	33.1	106.5	49.8
WT. GTR 64	16.7	16.6	41.5	48.6	126.7	64.6
TOTAL WT.	134.0	24.1	43.4	81.7	233.2	114.5
SOLE+FLFSH						
FLATHEAD	61.6	189.9	0.	0.	0.	0.
ROCK	721.8	0.	180.9	368.0	724.3	642.8
REX	0.	24.3	28.8	0.	0.	0.
BUTTER	84.0	37.8	0.	0.	0.	0.
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	78.4	460.8	70.4	38.6	16.4	226.8
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	945.8	712.8	280.1	406.6	740.7	869.6
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	19.2	0.	123.0	107.0	110.6
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	27.0	0.	0.	16.4	6.2
COTTIDS	560.0	62.1	169.4	251.8	288.1	391.7
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.	0.	67.1	66.0	12.3
TOT. RDFS	560.0	108.3	169.4	441.9	477.5	520.9
SHELL FISH						
KING CRB	160.0	24.8	0.	0.	13.2	0.
TANNER CRB	0.	5.4	6.4	0.	131.8	0.
DUNGEN CRB	0.	0.	0.	0.	0.	0.
SHRIMP	0.	2.7	0.	32.3	24.7	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	160.0	32.9	6.4	34.5	169.7	0.
OCPS + SQD	0.	0.	0.	2.2	0.	0.
ELASMOBRCH	0.	40.0	0.	0.	0.	0.
TOT. CATCH	1799.8	918.2	499.3	964.7	1621.1	1504.9

HAUL NO. STATION	D103 56N	D104 56M	D105 56L	D106 55L	D107 54K	D108 55K
MO DA YR	071667	071667	071667	071667	071867	071867
W. LONG.	151 15	151 15	151 15	151 30	151 45	151 30
N. LAT.	57 51	57 57	58 03	58 00	58 03	58 06
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	33	15	60	60	60	60
DEPTH MAX.	040	040	050	050	090	068
NET MESH	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
CATCH						
HALIBUT						
NO. LESS 65	20.0	0.	7.0	10.0	14.0	52.0
NO. GTR 64	5.5	0.	3.0	4.0	6.0	9.0
WT. LESS 65	39.8	0.	23.0	27.2	46.8	185.3
WT. GTR 64	229.8	0.	71.3	41.9	53.4	65.4
TOTAL WT.	269.6	0.	94.3	69.2	100.2	250.8
SOLE+FLFSH						
FLATHEAD	0.	0.	27.0	104.6	101.9	89.3
ROCK	303.8	342.1	0.	109.2	0.	0.
REX	0.	0.	0.	0.	0.	11.0
BUTTER	0.	0.	0.	0.	0.	0.
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	0.	13.8	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	65.5	0.	0.	9.0	269.1	243.3
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	369.2	342.1	40.8	222.8	371.1	343.5
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	38.4	36.8	0.	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	27.9	0.
COTTIDS	254.5	28.8	190.2	391.3	14.5	26.1
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	24.0	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	54.5	12.8	2.2	0.	8.9	4.4
TOT. RDFS	309.1	80.0	229.3	391.3	75.3	30.5
SHELL FISH						
KING CRB	0.	0.	0.	52.8	26.4	63.0
TANNER CRB	283.6	0.	27.2	50.0	58.0	30.4
DUNGEN CRB	0.	0.	0.	0.	0.	0.
SHRIMP	0.	0.	0.	0.	15.0	2.2
SCALLOP	0.	0.	0.	136.5	0.	0.
TOT. SHFSH	283.6	0.	27.2	239.3	99.4	95.6
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	1231.5	422.1	391.6	922.7	646.0	720.4

HAUL NO. STATION	D109 56K	D110 56J	D111 57G	D112 57H	D113 57I	D114 57J
MO DA YR	071867		071967	071967	071967	071967
W. LONG.	151 15		151 00	151 00	151 00	151 00
N. LAT.	58 09		58 30	58 24	58 18	58 12
VESSEL	DON ED		DON ED	DON ED	DON ED	DON ED
DURATION	60	0	52	15	30	60
DEPTH MAX.	073		059	040	055	063
NET MESH	3 1/2		3 1/2	3 1/2	3 1/2	3 1/2
CATCH		N TRWL				
HALIBUT						
NO.LESS 65	11.0	0.	8.1	52.0	6.0	8.0
NO.GTR 64	4.0	0.	2.3	0.	2.0	0.
WT.LESS 65	43.2	0.	24.7	59.9	12.4	25.8
WT.GTR 64	62.9	0.	71.9	0.	29.7	0.
TOTAL WT.	106.1	0.	96.5	59.9	42.1	25.8
SOLE+FLFSH						
FLATHEAD	150.1	0.	6.3	0.	51.6	0.
ROCK	0.	0.	302.5	507.5	153.1	0.
REX	0.	0.	0.	0.	0.	0.
BUTTER	0.	0.	0.	0.	0.	0.
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	116.8	0.	270.1	68.3	18.7	247.2
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	267.0	0.	579.0	575.8	223.4	247.2
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	78.5	0.	0.	91.2	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	0.	516.5
COTTIDS	26.8	0.	350.5	169.2	343.6	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.	0.	52.8	1.8	0.
TOT. RDFS	105.3	0.	350.5	313.2	345.4	516.5
SHELL FISH						
KING CRB	44.0	0.	448.3	0.	562.4	0.
TANNER CRB	8.2	0.	116.5	40.0	10.8	107.6
DUNGEN CRB	0.	0.	0.	0.	0.	0.
SHRIMP	2.1	0.	0.	0.	0.	10.8
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	54.3	0.	564.8	40.0	573.2	118.4
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	2.1	0.	0.	0.	0.	0.
TOT. CATCH	534.8	0.	1590.7	988.9	1184.1	907.0

HAUL NO. STATION	D115 520	D116 52Q	D117 525	D118 53P	D119 53Q	D120 53T
MO DA YR	072067	072067	072167	072167		072167
W. LONG.	152 15	152 15	152 15	152 00		151 30
N. LAT.	57 15	57 03	56 51	57 00		57 12
VESSEL	DON ED	DON ED	DON ED	DON ED		DON ED
DURATION	20	30	60	25	0	5
DEPTH MAX.	045	043	049	045		000
NET MESH	3 1/2	3 1/2	3 1/2	3 1/2		3 1/2
CATCH					N TRWL	
HALIBUT						
NO.LESS 65	9.0	38.0	19.0	36.0	0.	0.
NO.GTR 64	0.	2.0	1.0	2.4	0.	0.
WT.LESS 65	20.5	79.0	32.1	36.1	0.	0.
WT.GTR 64	0.	12.6	16.6	47.5	0.	0.
TOTAL WT.	20.5	91.6	48.7	83.6	0.	0.
SOLE+FLFSH						
FLATHEAD	0.	0.	0.	0.	0.	0.
ROCK	220.0	314.1	68.9	181.7	0.	248.3
REX	0.	0.	0.	0.	0.	0.
BUTTER	0.	0.	0.	0.	0.	0.
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	5.2	0.	0.	0.
TURBOT	14.4	69.6	47.7	33.0	0.	0.
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	234.4	383.7	121.8	214.7	0.	248.3
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	0.	0.	18.2	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	234.0	454.4	206.0	124.1	0.	59.4
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.	184.8	0.	0.	59.4
TOT. RDFS	234.0	454.4	390.8	142.3	0.	118.8
SHELL FISH						
KING CRB	520.8	56.0	0.	266.4	0.	66.0
TANNER CRB	127.5	140.8	0.	4.3	0.	0.
DUNGEN CRB	0.	0.	0.	0.	0.	0.
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	2.6	2.2	0.	12.0
TOT. SHFSH	648.3	196.8	2.6	272.9	0.	78.0
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	1137.2	1126.5	564.0	713.4	0.	445.1

HAUL NO. STATION MO DA YR W. LONG. N. LAT. VESSEL DURATION DEPTH MAX. NET MESH CATCH	D121 55L 072267 151 30 58 00 DON ED 60 050 3 1/2	D122 55L 072267 151 30 58 00 DON ED 60 050 3 1/2	D123 55K 072267 151 30 58 06 DON ED 60 065 3 1/2	D124 55K 072267 151 30 58 06 DON ED 60 065 3 1/2	D125 54K 072367 151 45 58 03 DON ED 60 090 3 1/2	D126 54L 072367 151 45 57 57 DON ED 60 044 3 1/2
NO. LESS 65	31.0	20.0	29.0	29.0	18.0	33.0
NO. GTR 64	33.0	7.0	7.0	9.0	4.0	2.0
WT. LESS 65	91.1	52.8	100.4	98.6	65.4	78.2
WT. GTR 64	430.2	105.2	61.0	94.8	27.1	49.7
TOTAL WT.	521.3	157.9	161.4	193.5	92.6	127.9
SOLE+FLFSH						
FLATHEAD	77.0	66.1	21.3	9.3	301.8	4.6
ROCK	190.8	164.3	0.	0.	0.	157.0
REX	0.	0.	7.9	6.2	0.	2.3
BUTTER	0.	0.	0.	0.	0.	94.9
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	37.2	32.0	167.2	195.3	367.1	53.2
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	72.0	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	305.1	262.3	268.4	210.8	668.9	312.0
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	15.0	12.9	48.0	55.8	0.	53.5
BLACK COD	0.	0.	0.	0.	0.	9.2
POLLACK	0.	0.	0.	0.	57.0	0.
COTTIDS	292.6	251.3	82.4	96.1	5.0	421.0
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.	5.4	6.2	0.	0.
TOT. RDFS	307.6	264.2	135.8	158.1	62.0	483.7
SHELL FISH						
KING CRB	56.1	29.7	18.9	6.3	32.8	55.1
TANNER CRB	74.6	63.9	292.0	340.5	48.9	6.9
DUNGEN CRB	0.	0.	0.	0.	0.	0.
SHRIMP	0.	0.	0.	0.	7.5	0.
SCALLOP	60.0	60.0	5.0	6.0	0.	0.
TOT. SHFSH	190.7	153.6	315.9	352.8	89.2	62.0
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	1324.7	838.1	881.4	915.2	912.7	985.6

HAUL NO. STATION MO DA YR W. LONG. N. LAT. VESSEL DURATION DEPTH MAX. NET MESH CATCH	D127 54L 072367 151 45 57 57 DON ED 60 044 3 1/2	D128 54K 072367 151 45 58 03 DON ED 60 087 3 1/2	D129 10 072767 154 16 56 49 DON EL 15 022 1 1/4	D130 3 072767 154 16 56 49 DON ED 15 008 1 1/4	D131 1 072767 154 16 56 49 DON ED 15 018 1 1/4	D132 4 072767 154 16 56 49 DON ED 15 022 1 1/4
NO. LESS 65	36.0	14.0	220.0	924.0	188.0	636.0
NO. GTR 64	1.0	5.0	0.	0.	8.0	8.0
WT. LESS 65	74.2	55.7	72.3	68.8	69.9	257.3
WT. GTR 64	30.1	34.5	0.	0.	50.4	126.3
TOTAL WT.	104.3	90.2	72.3	68.8	120.3	383.6
SOLE+FLFSH						
FLATHEAD	4.6	301.8	17.0	0.	7.2	0.
ROCK	157.0	0.	0.	49.6	0.	0.
REX	2.3	0.	0.	0.	0.	0.
BUTTER	97.2	0.	0.	132.9	71.3	0.
YELLOWFIN	0.	0.	985.8	10.0	488.8	483.7
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	53.2	367.1	44.8	0.	27.4	42.6
STR FLDR	0.	0.	0.	347.6	0.	24.0
ALA PLAICE	0.	0.	42.0	0.	0.	8.0
SAND SOLE	0.	0.	58.8	97.9	19.2	7.7
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	314.4	668.9	1148.5	636.0	614.0	566.1
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	53.5	70.0	2.8	0.	0.	0.
BLACK COD	9.2	0.	0.	0.	0.	0.
POLLACK	0.	57.0	16.8	0.	0.	0.
COTTIDS	421.0	0.	39.2	50.0	77.3	4.0
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.	11.2	26.7	3.6	50.6
TOT. RDFS	483.7	127.0	70.0	78.7	80.9	54.6
SHELL FISH						
KING CRB	170.4	19.5	410.4	0.	0.	0.
TANNER CRB	34.5	48.9	0.	0.	0.	0.
DUNGEN CRB	0.	0.	0.	84.7	13.2	30.4
SHRIMP	0.	7.5	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	204.9	75.9	410.4	84.7	13.2	30.4
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	1107.3	962.0	1701.1	870.3	828.4	1034.7

HAUL NO. STATION	D133 5	D134 4	D135 2	D136 10	D137 3	D138 5
MO DA YR	072867	072867	072867	072867	072867	072967
W. LONG.	154 16	154 16	154 16	154 16	154 16	154 16
N. LAT.	56 49	56 49	56 49	56 49	56 49	56 49
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	12	15	15	15	15	15
DEPTH MAX.	013	022	013	022	008	012
NET MESH	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
CATCH						
HALIBUT						
NO.LESS 65	2310.0	1048.0	2012.0	604.0	836.0	3140.0
NO.GTR 64	0.	0.	4.0	0.	4.0	0.
WT.LESS 65	103.7	179.1	120.3	41.0	58.1	193.2
WT.GTR 64	0.	0.	27.7	0.	50.9	0.
TOTAL WT.	103.7	179.1	148.0	41.0	108.9	193.2
SOLE+FLFSH						
FLATHEAD	0.	0.	0.	17.0	0.	0.
ROCK	253.3	0.	20.1	0.	36.8	405.5
REX	0.	0.	0.	0.	0.	0.
BUTTER	0.	0.	303.5	0.	100.1	0.
YELLOWFIN	90.9	605.1	40.4	985.8	0.	145.4
ENGLISH	0.	0.	0.	0.	0.	0.
DOVEP	0.	0.	0.	0.	0.	0.
TURBOT	0.	193.6	0.	44.8	0.	0.
STR FLDR	0.	28.8	118.0	0.	264.4	0.
ALA PLAICE	0.	9.6	0.	42.0	0.	0.
SAND SOLE	64.6	150.6	257.4	58.8	73.0	103.5
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	408.8	587.5	739.5	1148.3	474.3	654.0
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	0.	0.	2.8	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	16.8	0.	0.
COTTIDS	8.0	7.2	22.0	39.2	40.0	12.8
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	84.0	0.	5.6	21.5	0.
TOT. RDFS	8.0	91.2	22.0	64.4	61.5	12.8
SHELL FISH						
KING CRB	0.	0.	0.	360.4	0.	33.6
TANNER CRB	0.	0.	0.	0.	0.	0.
DUNGEN CRB	83.6	240.0	36.0	36.0	62.9	133.7
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	83.6	240.0	36.0	396.4	62.9	167.3
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	604.0	1497.9	945.5	1650.1	707.6	1027.3

HAUL NO. STATION	D139 4	D140 5	D141 2	D142 10	D143 1	D144 2
MO DA YR	072967	072967	072967	072967	073067	073067
W. LONG.	154 16	154 16	154 16	154 16	154 16	154 16
N. LAT.	56 49	56 49	56 49	56 49	56 49	56 49
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	15	15	15	15	15	15
DEPTH MAX.	022	012	013	022	018	013
NET MESH	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
CATCH						
HALIBUT						
NO.LESS 65	1168.0	4152.0	3812.0	600.0	748.0	2904.0
NO.GTR 64	12.0	4.0	0.	4.0	0.	4.0
WT.LESS 65	150.4	215.7	268.7	68.6	164.1	147.0
WT.GTR 64	89.4	46.9	0.	55.0	0.	63.9
TOTAL WT.	239.8	262.7	268.7	123.6	164.1	211.0
SOLE+FLFSH						
FLATHEAD	0.	0.	0.	14.1	16.8	0.
ROCK	0.	607.9	30.1	0.	0.	25.1
REX	0.	0.	0.	0.	0.	0.
BUTTER	0.	0.	455.3	0.	164.7	379.4
YELLOWFIN	607.1	218.1	60.4	821.5	1110.2	50.4
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	53.5	0.	0.	37.8	62.6	0.
STR FLDR	28.8	0.	180.9	0.	0.	149.5
ALA PLAICE	9.6	0.	0.	36.0	0.	0.
SAND SOLE	9.7	155.0	411.0	50.4	44.8	321.4
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	708.7	981.0	1137.8	959.7	1399.2	925.8
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	0.	0.	2.4	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	14.4	0.	0.
COTTIDS	4.8	19.2	33.0	33.6	174.9	27.7
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	63.3	0.	0.	4.8	8.4	0.
TOT. RDFS	68.1	19.2	33.0	55.2	183.3	27.7
SHELL FISH						
KING CRB	0.	68.8	96.0	630.0	0.	50.4
TANNER CRB	0.	0.	0.	0.	0.	0.
DUNGEN CRB	38.4	200.6	55.2	0.	30.8	45.6
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	38.4	269.4	151.2	630.0	30.8	96.0
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	1055.0	1532.3	1590.7	1768.5	1777.4	1260.5

HAUL NO.	D145	D146	D147	D148	D149	D150
STATION	3	1	40L	40M	40N	40O
MO DA YR	073067	073067	080167	080167	080167	
W. LONG.	154 16	154 16	155 15	155 15	155 15	
N. LAT.	56 49	56 49	56 39	56 33	56 27	
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	
DURATION	15	15	60	60	60	0
DEPTH MAX.	008	018	030	030	025	
NET MESH	1 1/4	1 1/4	3 1/2	3 1/2	3 1/2	
CATCH						N TRWL
HALIBUT						
NO. LESS 65	744.0	668.0	129.0	143.0	232.0	0.
NO. GTR 64	0.	0.	4.0	7.0	12.0	0.
WT. LESS 65	40.6	69.4	130.7	113.9	160.9	0.
WT. GTR 64	0.	0.	36.1	71.7	176.9	0.
TOTAL WT.	40.6	69.4	166.9	185.6	337.8	0.
SOLE+FLFSH						
FLATHEAD	0.	7.2	0.	0.	0.	0.
ROCK	49.6	0.	0.	120.0	75.0	0.
REX	0.	0.	0.	0.	0.	0.
BUTTER	132.9	61.0	499.8	0.	0.	0.
YELLOWFIN	10.0	414.7	21.7	0.	0.	0.
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	0.	23.3	18.7	0.	0.	0.
STR FLDR	347.6	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	97.9	17.1	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	638.0	523.3	540.2	120.0	75.0	0.
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	0.	0.	0.	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	50.0	65.1	6.2	0.	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	28.7	3.0	6.2	0.	0.	0.
TOT. RDFS	78.7	68.1	12.4	0.	0.	0.
SHELL FISH						
KING CRB	0.	0.	65.1	387.5	18.0	0.
TANNER CRB	0.	0.	6.2	0.	0.	0.
DUNGEN CRB	84.7	11.0	118.7	0.	0.	0.
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	84.7	11.0	190.0	387.5	18.0	0.
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	842.1	671.7	909.6	693.1	430.8	0.

HAUL NO.	D151	D152	D153	D154	D155	D156
STATION	400	40P	40Q	38P	38O	38M
MO DA YR	080267	080267	080267	080367	080567	080567
W. LONG.	155 15	155 15	155 15	155 45	155 45	155 47
N. LAT.	56 21	56 15	56 09	55 57	56 03	56 15
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	60	60	60	60	60	60
DEPTH MAX.	025	025	025	032	035	041
NET MESH	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
CATCH						
HALIBUT						
NO. LESS 65	190.0	585.0	368.0	163.0	100.0	45.0
NO. GTR 64	15.0	10.0	21.0	2.0	2.0	0.
WT. LESS 65	202.4	371.9	518.5	139.9	124.1	65.0
WT. GTR 64	221.8	130.4	281.8	42.8	98.8	0.
TOTAL WT.	424.2	502.3	800.3	182.7	222.9	65.0
SOLE+FLFSH						
FLATHEAD	0.	0.	0.	0.	0.	6.4
ROCK	65.0	0.	160.0	261.2	80.0	6.5
REX	0.	0.	0.	0.	0.	0.
BUTTER	0.	0.	0.	0.	0.	13.1
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	0.	0.	0.	0.	0.	34.3
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	65.0	0.	160.0	261.2	80.0	60.4
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	0.	0.	0.	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	0.	0.	0.	0.	80.0	224.4
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.	0.	0.	3.0	0.
TOT. RDFS	0.	0.	0.	0.	83.0	224.4
SHELL FISH						
KING CRB	161.7	5.8	319.2	642.4	61.5	77.4
TANNER CRB	0.	0.	0.	310.5	12.0	24.0
DUNGEN CRB	0.	0.	0.	218.0	18.0	0.
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	1.0
TOT. SHFSH	161.7	5.8	319.2	1170.9	91.5	102.4
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	650.9	508.1	1279.2	1614.7	477.4	452.1

HAUL NO. STATION MO DA YR W. LONG. N. LAT. VESSEL DURATION DEPTH MAX. NET MESH CATCH	D157 39P 080567 155 30 56 12 DON ED 60 030 3 1/2	D158 43H 080767 154 30 56 42 DON ED 60 040 3 1/2	D159 41T 081167 155 00 56 00 DON ED 30 085 3 1/2	D160 40T 081167 155 15 55 51 DON ED 60 040 3 1/2	D161 40R 081467 155 15 56 03 DON ED 60 022 3 1/2	D162 40Q 081467 155 15 56 09 DON ED 60 025 3 1/2		
HALIBUT NO. LESS 65 NO. GTR 64 WT. LESS 65 WT. GTR 64 TOTAL WT.	245.0 24.0 186.4 508.4 694.7	156.0 11.0 161.0 150.4 311.4	0. 0. 0. 0. 0.	490.0 20.0 697.6 180.1 877.7	93.0 3.0 119.0 27.5 146.5	148.0 7.0 200.6 169.4 370.1		
SOLE+FLFSH FLATHEAD ROCK REX BUTTER YELLOWFIN ENGLISH DOVER TURBOT STR FLDR ALA PLAICE SAND SOLE PETRALE MISC FTFSH TOT. FTFSH	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	3.6 56.7 0. 0. 135.8 0. 0. 0. 1.8 61.2 0. 0. 0. 0. 309.0	0. 38.1 40.6 0. 0. 0. 0. 36.2 0. 0. 0. 0. 0. 0. 115.0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	
ROUND FISH LING COD TRUE COD BLACK COD POLLACK COTTIDS IDIOTS OC. PERCH ROCKFISH GRENADIER MISC RDFS TOT. RDFS	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 10.2 0. 0. 0. 0. 0. 12.3 22.5	0. 49.0 0. 21.0 158.1 0. 0. 7.0 0. 0. 0. 235.1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	
SHELL FISH KING CRB TANNER CRB DUNGEN CRB SHRIMP SCALLOP TOT. SHFSH OCPS + SQD ELASMOBRCH TOT. CATCH	564.3 0. 0. 0. 0. 564.3 0. 0.	657.3 32.1 19.8 0. 0. 730.8 21.6 0.	593.4 93.9 0. 0. 0. 687.3 0. 0.	560.0 0. 0. 0. 0. 560.0 0. 0.	1054.8 0. 0. 0. 0. 1054.8 0. 0.	557.7 0. 0. 0. 0. 557.7 0. 0.	557.7 0. 0. 0. 0. 557.7 0. 0.	1259.0 1373.8 1037.4 1437.7 1201.3 927.8

HAUL NO. STATION MO DA YR W. LONG. N. LAT. VESSEL DURATION DEPTH MAX. NET MESH CATCH	D163 40P 081467 155 15 56 15 DON ED 60 025 3 1/2	D164 400 081467 155 15 56 21 DON ED 60 025 3 1/2	D165 38P 081567 155 45 55 57 DON ED 60 030 3 1/2	D166 38P 081567 155 45 55 57 DON ED 10 000 3 1/2	D167 38P 081667 155 45 55 57 DON ED 120 030 3 1/2	D168 38P 081667 155 45 55 57 DON ED 33 029 3 1/2	
HALIBUT NO. LESS 65 NO. GTR 64 WT. LESS 65 WT. GTR 64 TOTAL WT.	397.0 17.0 502.3 217.4 719.7	654.0 28.0 578.7 343.5 922.2	197.0 16.0 203.8 161.5 365.5	60.0 0. 34.1 0. 34.1	173.0 4.0 131.6 61.1 192.8	180.0 5.5 162.8 40.0 202.8	
SOLE+FLFSH FLATHEAD ROCK REX BUTTER YELLOWFIN ENGLISH DOVER TURBOT STR FLDR ALA PLAICE SAND SOLE PETRALE MISC FTFSH TOT. FTFSH	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 100.0 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 100.0	0. 210.7 0. 0. 0. 0. 0. 0. 12.3 0. 0. 0. 0. 0. 223.0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 521.3 0. 0. 0. 0. 0. 0. 29.5 0. 0. 0. 0. 0. 550.8	0. 31.1 0. 0. 0. 0. 0. 0. 5.5 0. 0. 0. 0. 0. 36.5	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
ROUND FISH LING COD TRUE COD BLACK COD POLLACK COTTIDS IDIOTS OC. PERCH ROCKFISH GRENADIER MISC RDFS TOT. RDFS	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 2.0 0. 0. 0. 0. 0. 2.0	0. 0. 0. 0. 0. 8.1 0. 0. 0. 0. 0. 8.1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 19.7 0. 0. 0. 0. 49.2 68.9	0. 0. 0. 0. 0. 1.2 0. 0. 0. 0. 0. 1.2	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
SHELL FISH KING CRB TANNER CRB DUNGEN CRB SHRIMP SCALLOP TOT. SHFSH OCPS + SQD ELASMOBRCH TOT. CATCH	223.2 0. 0. 0. 0. 223.2 0. 0.	148.5 0. 0. 0. 0. 148.5 0. 0.	8.8 24.6 6.2 1.3 0. 40.9 0. 0.	0. 0. 0. 0. 0. 0. 0. 0.	75.1 59.1 36.7 0.2 0. 171.2 0. 0.	0. 0. 0. 0. 0. 0. 0. 0.	942.9 1172.7 637.3 34.1 983.8 240.5

HAUL NO. STATION MO DA YR W. LONG. N. LAT. VESSEL DURATION DEPTH MAX. NET MESH CATCH	D169 38P 081667 155 45 55 57 DON ED 94 29 3 1/2	D170 4UM 081767 155 15 56 33 DON ED 30 30 3 1/2	D171 4UM 081767 155 15 56 33 DON ED 60 030 3 1/2	D172 40M 081767 155 15 56 33 DON ED 90 030 3 1/2	D173 43G 081967 154 30 56 48 DON ED 60 035 3 1/2	D174 44F 081967 154 45 56 48 DON ED 60 028 3 1/2
HALIBUT						
NO. LESS 65	200.4	80.0	91.0	256.7	60.0	195.0
NO. GTR 64	16.6	8.0	10.0	7.3	6.0	9.0
WT. LESS 65	191.2	74.9	88.5	209.9	141.9	287.8
WT. GTR 64	173.5	80.2	134.2	79.6	66.2	83.0
TOTAL WT.	364.8	155.2	222.6	289.5	208.1	370.7
SOLE+FLFSH						
FLATHEAD	0.	0.	0.	0.	27.4	33.6
ROCK	816.2	78.0	117.6	143.4	25.9	0.
REX	0.	0.	0.	0.	0.	0.
BUTTER	0.	232.7	349.1	426.6	0.	0.
YELLOWFIN	0.	60.0	90.5	110.0	54.6	365.2
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	78.5	0.	0.	0.	0.	2.8
STR FLDR	0.	98.0	147.0	176.0	91.8	0.
ALA PLAICE	0.	0.	0.	0.	0.	137.2
SAND SOLE	0.	48.0	120.0	88.0	0.	106.4
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	894.7	216.7	824.2	944.0	199.7	645.2
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	0.	0.	0.	0.	11.2
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	31.4	24.0	36.0	44.2	419.1	176.4
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	1.5	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	78.5	0.	0.	0.	1.8	0.
TOT. RDFS	109.9	24.0	36.0	44.2	422.4	187.6
SHELL FISH						
KING CRB	0.	798.0	399.0	0.	862.8	114.4
TANNER CRB	94.2	122.0	184.0	223.7	146.1	45.1
DUNGEN CRB	22.3	70.0	105.0	0.	32.4	309.1
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	116.6	990.0	688.0	223.7	1041.3	468.6
OCPS + SQD ELASMOBRCH	0. 0.	0. 0.	0. 0.	0. 0.	0. 0.	0. 0.
TOT. CATCH	1486.0	1685.9	1770.8	1501.3	1871.5	1672.1

HAUL NO. STATION MO DA YR W. LONG. N. LAT. VESSEL DURATION DEPTH MAX. NET MESH CATCH	D175 43H 081967 154 30 56 42 DON ED 60 015 3 1/2	D176 1U 082067 154 16 56 49 DON EI 15 020 1 1/4	D177 1 082067 154 16 56 49 DON ED 15 017 1 1/4	D178 2 082067 154 16 56 49 DON ED 15 013 1 1/4	D179 4 082067 154 16 56 49 DON ED 022 022 1 1/4	D180 10 082167 154 16 56 49 DON ED 021 021 1 1/4
HALIBUT						
NO. LESS 65	164.0	672.0	1080.0	2996.0	548.0	512.0
NO. GTR 64	8.0	0.	8.0	8.0	0.	8.0
WT. LESS 65	81.2	56.3	129.1	195.2	83.3	97.2
WT. GTR 64	84.3	0.	54.2	49.1	0.	82.2
TOTAL WT.	165.5	56.3	183.2	244.3	83.3	179.5
SOLE+FLFSH						
FLATHEAD	0.	17.5	0.	0.	0.	22.0
ROCK	206.5	3.6	3.1	82.9	143.0	4.4
REX	0.	0.	0.	0.	0.	0.
BUTTER	0.	0.	6.4	96.6	300.2	0.
YELLOWFIN	0.	962.9	563.2	4.8	200.0	1203.6
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	0.	76.9	18.2	0.	68.6	96.3
STR FLDR	343.4	111.6	196.3	55.2	0.	136.4
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	161.0	304.0	363.4	398.5	202.4
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	549.9	1333.5	1091.2	602.9	1110.2	1665.1
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	0.	0.	0.	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	10.8	0.	0.	0.	13.2
COTTIDS	5.0	252.2	27.4	20.7	30.8	314.9
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	30.0	7.2	18.2	2.4	2.8	8.8
TOT. RDFS	35.0	270.2	45.6	23.1	33.6	336.9
SHELL FISH						
KING CRB	3.0	160.0	0.	0.	0.	0.
TANNER CRB	0.	0.	0.	0.	0.	0.
DUNGEN CRB	750.0	0.	63.0	239.2	58.8	0.
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	753.0	160.0	63.0	239.2	58.8	0.
OCPS + SQD ELASMOBRCH	0. 0.	0. 0.	0. 0.	0. 0.	0. 0.	0. 0.
TOT. CATCH	1503.4	1820.0	1383.0	1109.5	1285.9	2181.5

HAUL NO.	D181	D182	D183	D184	D185	D186
STATION	3	5	4	5	3	2
MO DA YR	082167	082167	082167	082267	082267	082267
W. LONG.	154 16	154 16	154 16	154 16	154 16	154 16
N. LAT.	56 49	56 49	56 49	56 49	56 49	56 49
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	15	15	15	15	15	15
DEPTH MAX.	008	012	022	011	008	013
NET MESH	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
CATCH						
HALIBUT						
NO. LESS 65	2522.0	1344.0	1308.0	1636.0	1788.0	2684.0
NO. GTR 64	0.	4.0	12.0	0.	0.	4.0
WT. LESS 65	174.1	78.5	148.6	97.9	128.4	177.8
WT. GTR 64	0.	59.3	138.7	0.	0.	68.8
TOTAL WT.	174.1	137.9	287.2	97.9	128.4	246.5
SOLE+FLFSH						
FLATHEAD	0.	0.	0.	0.	0.	0.
ROCK	77.3	90.1	71.5	157.5	58.1	48.4
REX	0.	0.	0.	0.	0.	0.
BUTTER	42.2	138.1	149.5	240.9	31.2	56.4
YELLOWFIN	15.7	0.	100.0	0.	31.9	2.8
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	0.	0.	34.2	0.	0.	0.
STR FLDR	202.4	0.	0.	0.	156.4	32.2
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	134.2	137.9	197.7	241.9	100.0	212.2
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	471.8	366.1	552.8	640.4	377.7	352.0
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	0.	0.	0.	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	0.	9.6	16.1	0.	1.6	12.1
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	7.2	6.0	1.4	10.8	4.8	1.4
TOT. RDFS	7.2	15.6	17.6	10.8	6.4	13.5
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	0.	1.2	0.	2.0	0.	0.
DUNGEN CRB	321.2	26.4	29.4	45.6	241.9	138.7
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	321.2	27.6	29.4	47.6	241.9	138.7
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	974.2	547.2	887.0	796.6	754.4	750.7

HAUL NO.	D187	D188	D189	D190	D191	D192
STATION	1	8	3	1	2	1
MO DA YR	082267	082267	082767		082867	082867
W. LONG.	154 16	154 06	144 32		144 32	144 32
N. LAT.	56 49	56 52	59 54		59 54	59 54
VESSEL	DON ED	DON ED	DON ED		DON ED	DON ED
DURATION	15	15	15	0	15	15
DEPTH MAX.	018	032	012		018	012
NET MESH	1 1/4	1 1/4	1 1/4		1 1/4	1 1/4
CATCH				N TRWL		
HALIBUT						
NO. LESS 65	792.0	12.0	724.0	0.	468.0	576.0
NO. GTR 64	0.	4.0	0.	0.	0.	0.
WT. LESS 65	55.4	16.6	209.2	0.	59.4	266.1
WT. GTR 64	0.	27.7	0.	0.	0.	0.
TOTAL WT.	55.4	44.3	209.2	0.	59.4	266.1
SOLE+FLFSH						
FLATHEAD	0.	0.	0.	0.	0.	0.
ROCK	0.9	0.	0.	0.	0.	4.8
REX	0.	0.	0.	0.	32.4	1.1
BUTTER	1.6	0.	326.0	0.	140.6	375.5
YELLOWFIN	162.4	69.6	0.	0.	56.0	0.
ENGLISH	0.	0.	0.	0.	12.6	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	5.3	1.6	0.	0.	21.1	0.
STR FLDR	59.7	0.	22.8	0.	118.8	26.4
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	88.0	0.	119.4	0.	0.	6.0
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	8.8	0.
TOT. FTFSH	317.9	71.2	468.2	0.	390.2	413.8
ROUND FISH						
LING COD	0.	0.	4.8	0.	0.	0.
TRUE COD	0.	0.	0.	0.	0.	0.
BLACK COD	0.	0.	0.	0.	16.8	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	7.9	78.3	10.8	0.	8.4	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	4.0	1.6	0.	0.	12.8	0.
TOT. RDFS	11.9	79.9	15.6	0.	38.0	0.
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	0.	4.0	0.	0.	0.	0.
DUNGEN CRB	16.8	4.8	0.	0.	17.6	0.
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	16.8	8.8	0.	0.	17.6	0.
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	108.0	0.	99.2	205.8
TOT. CATCH	402.1	204.2	801.0	0.	604.4	885.7

HAUL NO. STATION	D193 4	D194 5	D195 3	D196 1	D197 4	D198 2
MO DA YR	082867	082867	082867	082867	082967	082967
W. LONG.	144 32	144 32	144 32	144 32	144 32	144 32
N. LAT.	59 54	59 54	59 54	59 54	59 54	59 54
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	15	15	15	15	15	15
DEPTH MAX.	018	026	012	012	018	018
NET MESH	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
CATCH						
HALIBUT						
NO.LESS 65	304.0	156.0	1704.0	792.0	236.0	356.0
NO.GTR 64	0.	0.	0.	4.0	0.	0.
WT.LESS 65	46.3	15.2	101.5	91.4	26.4	49.0
WT.GTR 64	0.	0.	0.	33.4	0.	0.
TOTAL WT.	46.3	15.2	101.5	124.7	26.4	49.0
SOLE+FLFSH						
FLATHEAD	0.	20.8	0.	0.	0.	8.0
ROCK	18.0	17.6	0.	4.8	13.5	8.0
REX	217.0	25.7	0.	1.1	154.9	38.9
BUTTER	177.7	0.	326.0	375.5	126.4	169.1
YELLOWFIN	15.8	12.8	0.	0.	11.3	68.0
ENGLISH	2.0	97.6	0.	0.	1.6	15.0
DOVER	19.8	6.4	0.	0.	141.2	0.
TURBOT	39.6	38.6	0.	0.	28.1	25.3
STR FLDR	0.	0.	22.8	26.4	0.	140.4
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	119.4	6.0	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	10.4
TOT. FTFSH	489.9	219.5	468.2	413.8	477.0	483.1
ROUND FISH						
LING COD	100.0	20.4	4.8	0.	0.	0.
TRUE COD	0.	0.	0.	0.	0.	0.
BLACK COD	0.	0.	0.	0.	0.	21.6
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	35.2	22.4	10.8	0.	25.6	10.2
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	105.1	0.	0.	0.	15.2
TOT. RDFS	135.2	147.9	15.6	0.	25.6	47.0
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	0.	0.	0.	0.	0.	0.
DUNGEN CRB	12.0	136.0	0.	0.	9.6	17.6
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	12.0	136.0	0.	0.	9.6	17.6
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	56.0	0.	108.0	205.8	44.8	99.2
TOT. CATCH	739.4	518.6	693.3	744.3	583.4	696.0

HAUL NO. STATION	D199 5	0200 1	0201 2	0202 3	D203 1	D204 2
MO DA YR	082967	083167	083167	083167	083167	083167
W. LONG.	144 32	136 12	136 12	136 12	136 12	136 12
N. LAT.	59 54	58 13	58 13	58 13	58 13	58 13
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	15	15	15	15	15	15
DEPTH MAX.	025	026	024	024	026	024
NET MESH	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
CATCH						
HALIBUT						
NO.LESS 65	112.0	8.0	48.0	24.0	28.0	56.0
NO.GTR 64	0.	0.	0.	4.0	0.	8.0
WT.LESS 65	17.2	37.6	109.8	59.6	89.9	206.6
WT.GTR 64	0.	0.	0.	25.2	0.	64.9
TOTAL WT.	17.2	37.6	109.8	84.7	89.9	271.5
SOLE+FLFSH						
FLATHEAD	19.2	552.6	334.3	414.8	691.4	365.1
ROCK	17.6	0.	418.7	414.0	0.	455.8
REX	25.7	14.0	55.1	207.4	17.2	60.3
BUTTER	0.	0.	295.0	534.8	0.	322.5
YELLOWFIN	12.8	54.4	295.3	460.0	70.4	322.1
ENGLISH	97.6	182.0	74.1	135.3	223.6	81.7
DOVER	6.4	0.	0.	24.0	0.	0.
TURBOT	38.6	690.0	247.0	277.7	865.0	272.2
STR FLDR	0.	835.9	980.0	603.2	1049.8	1080.0
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	217.9	2328.9	2699.5	3071.3	2917.3	2959.7
ROUND FISH						
LING COD	1.2	0.	0.	0.	0.	0.
TRUE COD	0.	72.0	344.0	188.6	88.0	366.9
BLACK COD	0.	32.4	0.	0.	39.6	0.
POLLACK	0.	156.4	188.2	369.8	202.4	207.4
COTTIDS	22.4	0.	0.	0.	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	160.0	0.	0.	196.8	0.	0.
TOT. RDFS	183.6	260.8	532.2	755.2	330.0	574.3
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	0.	284.3	0.	144.0	349.9	0.
DUNGEN CRB	136.0	28.8	0.	0.	35.2	0.
SHRIMP	0.	345.2	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	136.0	658.3	0.	144.0	385.1	0.
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	128.0	220.0	152.0	0.	220.0	167.2
TOT. CATCH	682.6	3505.6	3493.4	4055.2	3942.3	3972.6

HAUL NO. STATION	D205 3	D206 3	D207 2	D208 1	D209 3	D210 3
MO DA YR	083167	083167	090167	090167	090167	090267
W. LONG.	136 12	136 12	136 12	136 12	136 12	135 47
N. LAT.	58 13	58 13	58 13	58 13	58 13	57 09
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	15	15	15	15	15	15
DEPTH MAX.	024	024	023	025	025	013
NET MESH	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
CATCH						
HALIBUT						
NO. LESS 65	68.0	80.0	68.0	32.0	112.0	396.0
NO. GTR 64	8.0	12.0	12.0	0.	4.0	0.
WT. LESS 65	185.9	262.0	200.3	102.4	336.2	96.4
WT. GTR 64	70.5	136.5	78.2	0.	38.1	0.
TOTAL WT.	256.5	398.4	278.5	102.4	374.3	96.4
SOLE+FLFSH						
FLATHEAD	504.4	668.3	334.3	506.6	504.4	0.
ROCK	504.0	670.5	418.7	0.	504.0	62.0
REX	252.3	334.0	55.1	12.8	252.3	0.
BUTTER	649.6	862.1	295.0	0.	649.6	390.2
YELLOWFIN	560.0	743.3	295.3	51.2	560.0	0.
ENGLISH	162.4	216.5	74.1	160.4	162.4	12.8
DOVER	28.0	38.0	0.	0.	28.0	0.
TURBOT	336.0	445.7	247.0	635.0	336.0	0.
STR FLDR	728.0	967.2	980.0	777.6	728.0	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	92.6
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	3724.7	4945.7	2699.5	2149.6	3724.7	557.6
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	192.0
TRUE COD	229.6	303.4	344.0	64.0	229.6	0.
BLACK COD	0.	0.	0.	28.8	0.	0.
POLLACK	448.0	593.8	188.2	147.2	448.0	0.
COTTIDS	0.	0.	0.	0.	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	22.4	311.6	0.	0.	22.4	0.
TOT. RDFS	700.0	1208.8	532.2	240.0	700.0	192.0
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	168.0	228.0	0.	262.4	168.0	0.
DUNGEN CRB	0.	0.	0.	20.6	0.	54.4
SHRIMP	0.	0.	0.	316.5	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	168.0	228.0	0.	604.5	168.0	54.4
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	152.0	22.0	0.	0.
TOT. CATCH	4849.2	6780.9	5030.2	3316.5	4966.9	700.4

HAUL NO. STATION	D211 1	D212 4	D213 2	D214 5	D215 3	D216 5
MO DA YR	090267	090267	090267	090267	090367	090367
W. LONG.	135 47	135 47	135 47	135 47	135 47	135 47
N. LAT.	57 09	57 09	57 09	57 09	57 09	57 09
VESSEL	DON ED	DON ED	DON ED	DON ED	DON ED	DON ED
DURATION	15	15	15	15	15	15
DEPTH MAX.	022	015	014	022	012	022
NET MESH	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
CATCH						
HALIBUT						
NO. LESS 65	108.0	24.0	16.0	792.0	68.0	172.0
NO. GTR 64	0.	0.	0.	0.	0.	0.
WT. LESS 65	46.1	42.5	23.9	1598.7	71.7	56.6
WT. GTR 64	0.	0.	0.	0.	0.	0.
TOTAL WT.	46.1	42.5	23.9	1598.7	71.7	56.6
SOLE+FLFSH						
FLATHEAD	6.0	0.	2.4	0.	0.	0.
ROCK	191.3	0.	0.	863.3	24.0	287.8
REX	0.	0.	0.	0.	0.	0.
BUTTER	527.5	688.3	194.3	302.5	146.3	101.6
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	57.6	19.2	0.	4.3	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	1.9	0.	0.	0.	0.	0.
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	65.8	0.	0.	34.3	0.
PETRALE	92.4	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	19.2	0.	6.4
TOT. FTFSH	779.1	811.7	215.9	1185.1	208.9	395.8
ROUND FISH						
LING COD	300.0	0.	2.4	0.	96.0	0.
TRUE COD	1.9	3.4	14.8	0.	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	0.	0.	0.	0.	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	3.3	4.9	0.	0.	0.8
TOT. RDFS	301.9	6.7	22.1	0.	96.0	0.8
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	0.
TANNER CRB	0.	0.	0.	0.	0.	0.
DUNGEN CRB	28.0	62.4	57.6	0.	18.1	0.
SHRIMP	0.	0.	0.	19.2	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	28.0	62.4	57.6	19.2	18.1	0.
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	260.0	176.0	84.0	0.	0.	0.
TOT. CATCH	1415.0	1099.3	403.6	2803.0	394.7	453.2

HAUL NO.	D217	D218	D219		H160	H162
STATION	1	4	2		3B	3A
MO DA YR	090367	090367	090367		080367	080367
W. LONG.	135 47	135 47	135 47		164 30	164 24
N. LAT.	57 09	57 09	57 09		54 24	54 25
VESSEL	DON ED	DON ED	DON ED		HARMNY	HARMNY
DURATION	15	15	15	0	60	60
DEPTH MAX.	022	015	014		56	28
NET MESH	1 1/4	1 1/4	1 1/4		3 1/2	3 1/2
CATCH						
HALIBUT						
NO. LESS 65	124.0	44.0	12.0	0.	152.0	43.0
NO. GTR 64	0.	0.	0.	0.	0.	0.
WT. LESS 65	22.6	28.8	8.9	0.	135.8	14.8
WT. GTR 64	0.	0.	0.	0.	0.	0.
TOTAL WT.	22.6	28.8	8.9	0.	135.8	14.8
SOLE+FLFSH						
FLATHEAD	1.2	0.	1.2	0.	26.4	0.
ROCK	37.8	0.	0.	0.	88.0	597.8
REX	0.	0.	0.	0.	0.	0.
BUTTER	131.9	138.2	97.1	0.	0.	0.
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	11.5	9.0	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	0.5	0.	0.	0.	0.	0.
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	13.3	0.	0.	0.	0.
PETRALE	16.8	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	188.2	163.1	107.3	0.	114.4	597.8
ROUND FISH						
LING COD	60.0	0.	1.2	0.	0.	0.
TRUE COD	0.	0.6	7.6	0.	176.7	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	0.	0.	0.	0.	264.7	1.8
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.7	2.5	0.	52.8	1.8
TOT. RDFS	60.0	1.3	11.3	0.	494.1	3.6
SHELL FISH						
KING CRB	0.	0.	0.	0.	0.	115.2
TANNER CRB	0.	0.	0.	0.	308.6	0.
DUNGEN CRB	5.6	15.6	28.8	0.	0.	0.
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	5.6	15.6	28.8	0.	308.6	115.2
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	52.0	170.0	84.0	0.	286.0	0.
TOT. CATCH	328.4	384.8	240.4	0.	1338.9	731.4

HAUL NO.	H163	H164	H165	H166	H167	H168
STATION	4A	4B	4C	4D	4E	4F
MO DA YR	080367	080467	080467	080467	080467	080467
W. LONG.	164 15	164 14	164 15	164 15	164 15	164 15
N. LAT.	54 32	54 27	54 21	54 15	54 09	54 04
VESSEL	HARMNY	HARMNY	HARMNY	HARMNY	HARMNY	HARMNY
DURATION	60	60	60	60	60	60
DEPTH MAX.	29	62	56	41	41	48
NET MESH	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
CATCH						
HALIBUT						
NO. LESS 65	30.0	32.0	70.0	23.0	52.0	4.0
NO. GTR 64	2.0	0.	0.	2.0	0.	0.
WT. LESS 65	21.5	85.5	95.5	15.0	47.6	4.8
WT. GTR 64	21.7	0.	0.	59.6	0.	0.
TOTAL WT.	43.2	85.5	95.5	74.6	47.6	4.8
SOLE+FLFSH						
FLATHEAD	0.	0.	100.5	0.	0.	0.
ROCK	220.6	0.	50.2	0.	0.	0.
REX	0.	0.	0.	0.	0.	0.
BUTTER	0.	0.	0.	0.	0.	0.
YELLOWFIN	73.5	0.	2.5	0.	0.	0.
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	14.7	0.	452.2	0.	0.	0.
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	102.8	0.	62.8	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	411.5	0.	668.2	0.	0.	0.
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	18.0	0.	32.5	0.	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	25.0	0.	0.	0.
COTTIDS	5.0	0.	201.3	0.	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	4.5	0.	27.5	0.	0.	0.
TOT. RDFS	27.5	0.	286.3	0.	0.	0.
SHELL FISH						
KING CRB	121.6	185.6	0.	371.2	444.8	646.4
TANNER CRB	0.	0.	45.0	0.	0.	0.
DUNGEN CRB	65.2	0.	0.	0.	0.	0.
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	186.8	185.6	45.0	371.2	444.8	646.4
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	669.1	271.1	1095.0	445.8	492.4	651.2

HAUL NO. STATION	H169 4G	H170 5A	H171 7A	H172 7B	H173 1Z	H174 2Z
MO DA YR	080467	080567	080867	080867	080867	080867
W. LONG.	164 15	164 00	163 30	163 30	163 22	163 20
N. LAT.	53 57	54 36	54 35	54 28	54 44	54 44
VESSEL	HARMNY	HARMNY	HARMNY	HARMNY	HARMNY	HARMNY
DURATION	60	60	60	60	15	15
DEPTH MAX.	50	31	56	56	14	20
NET MESH	3 1/2	3 1/2	3 1/2	3 1/2	1 1/4	1 1/4
CATCH						
HALIBUT						
NO.LESS 65	3.0	20.0	18.0	1.0	452.0	212.0
NO.GTR 64	0.	3.0	0.	0.	4.0	4.0
WT.LESS 65	6.5	18.9	20.4	0.9	40.4	43.6
WT.GTR 64	0.	90.3	0.	0.	120.4	55.0
TOTAL WT.	6.5	109.2	20.4	0.9	160.9	98.6
SOLE+FLFSH						
FLATHEAD	0.	0.	14.0	0.	0.	0.
ROCK	0.	72.8	70.0	0.	25.3	0.
REX	0.	0.	0.	0.	0.	0.
BUTTER	0.	0.	0.	0.	0.	0.
YELLOWFIN	0.	52.1	5.6	0.	50.4	0.
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	0.	3.1	35.0	0.	0.	0.
STR FLDR	0.	0.	0.	0.	8.8	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	187.0	0.	0.	210.5	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	0.	315.0	124.6	0.	295.0	0.
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	72.8	112.0	0.	30.4	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	0.	6.0	112.0	0.	24.0	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	6.2	5.6	0.	0.	0.
TOT. RDFS	0.	85.0	229.6	0.	54.4	0.
SHELL FISH						
KING CRB	230.4	0.	336.0	4.0	0.	12.0
TANNER CRB	0.	0.	0.	0.	0.	0.
DUNGEN CRB	0.	92.2	84.0	0.	47.2	0.
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	230.4	92.2	422.8	4.0	47.2	12.0
OCPS + SQD	0.	0.	2.8	0.	0.	0.
ELASMOBRCH	0.	0.	18.2	0.	168.0	0.
TOT. CATCH	236.9	601.5	815.6	4.9	725.5	110.6

HAUL NO. STATION	H175 3Z	H176 4Z	H177 5Z	H178 6Z	H179 7Z	H180 8Z
MO DA YR	080967	080967	080967	081067	081067	081067
W. LONG.	162 10	163 06	163 30	162 37	162 32	162 30
N. LAT.	55 03	55 05	55 01	55 14	55 14	55 09
VESSEL	HARMNY	HARMNY	HARMNY	HARMNY	HARMNY	HARMNY
DURATION	15	15	15	15	15	15
DEPTH MAX.	14	18	47	16	22	55
NET MESH	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
CATCH						
HALIBUT						
NO.LESS 65	28.0	12.0	24.0	0.	24.0	0.
NO.GTR 64	8.0	8.0	4.0	0.	4.0	0.
WT.LESS 65	12.9	18.3	62.3	0.	48.0	0.
WT.GTR 64	150.3	76.0	33.4	0.	113.3	0.
TOTAL WT.	163.2	94.3	95.7	0.	161.4	0.
SOLE+FLFSH						
FLATHEAD	0.	0.	0.	0.	0.	0.
ROCK	0.	0.	0.	0.	0.	0.
REX	0.	0.	0.	0.	0.	0.
BUTTER	0.	0.	0.	0.	0.	0.
YELLOWFIN	0.	0.	0.	0.	0.	0.
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	0.	0.	0.	0.	0.	0.
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	0.	0.	0.	0.	0.	0.
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	0.	0.	0.	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	0.	0.	0.	0.	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.	0.	0.	0.	0.
TOT. RDFS	0.	0.	0.	0.	0.	0.
SHELL FISH						
KING CRB	0.	0.	24.0	0.	0.	36.0
TANNER CRB	0.	0.	0.	0.	0.	0.
DUNGEN CRB	0.	0.	0.	0.	0.	0.
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	0.	0.	24.0	0.	0.	36.0
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	163.2	94.3	119.7	0.	161.4	36.0

HAUL NO. STATION	H181 92	H182 10Z	H183 11Z	H184 38P	H185 38P	H186 38P
MO DA YR	081167	081167	081167	081567		081667
W. LONG.	162 00	161 29	161 36	155 45		155 45
N. LAT.	55 13	55 36	55 27	55 57		55 57
VESSEL	HARMNY	HARMNY	HARMNY	HARMNY		HARMNY
DURATION	15	16	13	60	0	120
DEPTH MAX.	12	17	41	30		30
NET MESH	1 1/4	1 1/4	1 1/4	3 1/2		3 1/2
CATCH					N TRWL	
HALIBUT						
NO. LESS 65	12.0	3.7	0.	165.0	0.	118.5
NO. GTR 64	4.0	3.7	0.	4.0	0.	1.5
WT. LESS 65	18.4	2.5	0.	109.5	0.	64.4
WT. GTR 64	109.8	119.9	0.	35.2	0.	14.3
TOTAL WT.	128.3	122.4	0.	144.7	0.	78.7
SOLE+FLFSH						
FLATHEAD	0.	0.	0.	0.	0.	0.
ROCK	0.	0.	0.	192.0	0.	0.
REX	0.	0.	0.	0.	0.	0.
BUTTER	0.	0.	0.	0.	0.	0.
YELLOWFIN	16.0	0.	0.	0.	0.	0.
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	0.	0.	0.	11.2	0.	0.
STR FLDR	0.	0.	0.	0.	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	0.	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	16.0	0.	0.	203.2	0.	0.
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	4.0	0.	0.	0.	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	0.	0.	0.	16.0	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.	0.	0.	0.	0.
TOT. RDFS	4.0	0.	0.	16.0	0.	0.
SHELL FISH						
KING CRB	256.0	382.5	0.	0.	0.	384.4
TANNER CRB	0.	0.	0.	40.0	0.	0.
DUNGEN CRB	0.	0.	0.	80.0	0.	0.
SHRIMP	4.0	0.	784.6	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	260.0	382.5	784.6	121.5	0.	384.4
OCPS + SQD	0.	0.	0.	1.5	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	408.3	504.9	784.6	485.4	0.	463.1

HAUL NO. STATION	H187 38P	H188 38P	H189 40M	H190 40M	H191 40M	
MO DA YR	081667	081667	081767	081767	081767	
W. LONG.	155 45	155 45	155 15	155 15	155 15	
N. LAT.	55 57	55 57	56 33	56 33	56 33	
VESSEL	HARMNY	HARMNY	HARMNY	HARMNY	HARMNY	
DURATION	31	90	30	60	90	0
DEPTH MAX.	29	29	30	30	30	
NET MESH	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	
CATCH						
HALIBUT						
NO. LESS 65	67.7	193.3	66.0	89.0	338.0	0.
NO. GTR 64	7.7	0.7	12.0	14.0	10.0	0.
WT. LESS 65	81.6	128.1	55.7	99.8	197.6	0.
WT. GTR 64	83.9	8.1	145.4	190.9	137.1	0.
TOTAL WT.	165.5	136.2	201.1	290.7	334.8	0.
SOLE+FLFSH						
FLATHEAD	0.	0.	0.	0.	0.	0.
ROCK	0.	0.	0.	159.4	0.	0.
REX	0.	0.	0.	0.	0.	0.
BUTTER	0.	0.	0.	0.	0.	0.
YELLOWFIN	0.	0.	0.	12.8	0.	0.
ENGLISH	0.	0.	0.	0.	0.	0.
DOVER	0.	0.	0.	0.	0.	0.
TURBOT	0.	0.	0.	15.8	0.	0.
STR FLDR	0.	0.	0.	99.2	0.	0.
ALA PLAICE	0.	0.	0.	0.	0.	0.
SAND SOLE	0.	0.	0.	95.6	0.	0.
PETRALE	0.	0.	0.	0.	0.	0.
MISC FTFSH	0.	0.	0.	0.	0.	0.
TOT. FTFSH	0.	0.	0.	382.8	0.	0.
ROUND FISH						
LING COD	0.	0.	0.	0.	0.	0.
TRUE COD	0.	0.	0.	0.	0.	0.
BLACK COD	0.	0.	0.	0.	0.	0.
POLLACK	0.	0.	0.	0.	0.	0.
COTTIDS	0.	0.	0.	6.4	0.	0.
IDIOTS	0.	0.	0.	0.	0.	0.
OC. PERCH	0.	0.	0.	0.	0.	0.
ROCKFISH	0.	0.	0.	0.	0.	0.
GRENADIER	0.	0.	0.	0.	0.	0.
MISC RDFS	0.	0.	0.	6.4	0.	0.
TOT. RDFS	0.	0.	0.	12.8	0.	0.
SHELL FISH						
KING CRB	90.0	39.3	693.0	399.6	552.2	0.
TANNER CRB	0.	0.	0.	358.7	0.	0.
DUNGEN CRB	0.	0.	0.	158.3	0.	0.
SHRIMP	0.	0.	0.	0.	0.	0.
SCALLOP	0.	0.	0.	0.	0.	0.
TOT. SHFSH	90.0	39.3	693.0	916.7	552.2	0.
OCPS + SQD	0.	0.	0.	0.	0.	0.
ELASMOBRCH	0.	0.	0.	0.	0.	0.
TOT. CATCH	255.5	175.5	894.1	1603.0	887.0	0.