

Table 1.
Distribution of total and observed tows obtained from September-December, 2001, by depth range, period, and area.

All data

Depth Range	Target Strategy ⁵	Sep-Oct, 2001				Nov-Dec, 2001				2001 Total			
		N ¹	S ²	Missing*	Total ³	N ¹	S ²	Missing*	Total ³	N ¹	S ²	Missing*	Total ³
0-100 FM	DTS	294	3		297	5	1		6	299	4		303
	Shelf RKF	44	85		129	198	38		236	242	123		365
	Slope RKF	1	6		7		1		1	1	7		8
	Flatfish	1,441	1,096	13	2,550	426	875	12	1,313	1,867	1,971	25	3,863
	Non GF ⁴		2		2		2		2				4
SUM	1,780	1,192	13	2,985	629	917	12	1,558	2,409	2,109	25	4,543	
100-200 FM	DTS	235	12		247	2	2		4	237	14		251
	Shelf RKF	1	26		27	4	16		20	5	42		47
	Slope RKF	18	26	1	45		35		35	18	61	1	80
	Flatfish	292	78		370	165	133		298	457	211		668
	Non GF ⁴	2	1		3					2	1		3
SUM	548	143	1	692	171	186		357	719	329	1	1,049	
> 200 FM	DTS	395	212		607		2		2	395	214		609
	Slope RKF	5	3		8		18		18	5	21		26
	Flatfish	19	11		30	26	28		54	45	39		84
	Non GF ⁴		1		1								1
	SUM	419	227		646	26	48		74	445	275		720
Grand Total	2,747	1,562	14	4,323	826	1,151	12	1,989	3,573	2,713	26	6,312	

Observed

Depth Range	Target Strategy ⁵	Sep-Oct, 2001				Nov-Dec, 2001				2001 Total			
		N ¹	S ²	Missing*	Total ³	N ¹	S ²	Missing*	Total ³	N ¹	S ²	Missing*	Total ³
0-100 FM	DTS	9			9					9			9
	Shelf RKF	5	8		13	33	1		34	38	9		47
	Flatfish	107	118		225	61	29		90	168	147		315
	SUM	121	126		247	94	30		124	215	156		371
100-200 FM	DTS		19		19						19		19
	Shelf RKF	3			3					3			3
	Slope RKF		4		4	5			5	5	4		9
	Flatfish	33	13		46	5	13		18	38	26		64
	SUM	36	36		72	10	13		23	46	49		95
> 200 FM	DTS		20		20								20
	Flatfish	4			4								4
	SUM	4	20		24					4	20		24
Grand Total	161	182		343	104	43		147	265	225		490	

* Missing = Positions not recorded in logbooks.

¹ N = North of 40°10'

² S = South of 40°10'

³ Total = N + S

⁴ Non GF = Tow with no groundfish retained, no catch in the net or all catch was discarded.

⁵ Target Strategy = The species/ category with the largest cumulative catch among the five strategies (the species for Pacific whiting, DTS, Shelf rockfish, slope rockfish and flatfish strategies are listed in Appendix Table I).

Table 2.
 Summary of trips in logbook and observer data. Note that
 37 trips with an observer on board do not have logbook records.

period	No observer on board	Observer on board	Total
Sep-Oct, 2001 Logbook	852	80	932
Nov-Dec, 2001 Logbook	562	33	595
Sep-Dec, 2001 Sum	1414	113	1527
Sep-Dec, 2001 No Logbook	0	37	37
Total	1414	150	1564

Table 3.
Summary of observed and total landings (lbs) for groundfish and groundfish plus sharks and skates obtained from fish ticket data.

Port Group	Category	Sep-Oct, 2001			Nov-Dec, 2001			Jan-Feb, 2002		
		Observed	Total	% Observed	Observed	Total	% Observed	Observed	Total	% Observed
BODEGA BAY AREA PORTS	Groundfish		55,282	0%		82,376	0%		134,076	0%
	Groundfish+Shark+Skate		55,282	0%		82,376	0%		134,120	0%
FORT BRAGG AREA PORTS	Groundfish		551,240	0%		40,589	0%	47,694	610,326	8%
	Groundfish+Shark+Skate		558,621	0%		43,064	0%	47,779	617,451	8%
BROOKINGS AREA PORTS	Groundfish		29,127	0%	1,170	160,701	1%		5,244	0%
	Groundfish+Shark+Skate		32,184	0%	1,525	161,056	1%		5,244	0%
COOS BAY AREA PORTS	Groundfish	16,830	265,897	6%	12,532	340,426	4%		449,367	0%
	Groundfish+Shark+Skate	25,675	321,239	8%	15,011	376,221	4%		472,176	0%
CRESCENT CITY AREA PORTS	Groundfish	35,160	432,506	8%	19,324	118,719	16%	44,487	385,231	12%
	Groundfish+Shark+Skate	36,681	497,365	7%	34,757	149,819	23%	47,660	403,584	12%
COLUMBIA RIVER PORTS (OR)	Groundfish	7,295	694,299	1%	163,772	656,474	25%		72,595	0%
	Groundfish+Shark+Skate	7,295	698,105	1%	163,772	656,474	25%		72,836	0%
COLUMBIA RIVER PORTS (WA)	Groundfish	32,021	32,021	100%		79,312	0%		41,337	0%
	Groundfish+Shark+Skate	32,021	32,021	100%		79,312	0%		41,337	0%
WASHINGTON COASTAL PORTS	Groundfish		69,288	0%	39,005	78,940	49%			
	Groundfish+Shark+Skate		69,318	0%	39,005	78,940	49%			
EUREKA AREA PORTS	Groundfish	68,823	591,162	12%	24,668	315,193	8%	136,544	736,135	19%
	Groundfish+Shark+Skate	104,007	723,856	14%	24,668	331,884	7%	141,188	748,963	19%
LOS ANGEL PORTS	Groundfish		46	0%					1,155	0%
	Groundfish+Shark+Skate		46	0%					1,155	0%
MONTEREY AREA PORTS	Groundfish	25,143	277,890	9%	29,615	240,353	12%	34,377	391,572	9%
	Groundfish+Shark+Skate	25,143	278,496	9%	29,615	242,190	12%	34,377	393,546	9%
MORRO BAY AREA PORTS	Groundfish	54,813	180,776	30%	3,480	115,131	3%	18,261	259,024	7%
	Groundfish+Shark+Skate	54,839	181,633	30%	3,520	115,799	3%	18,261	259,102	7%
NEWPORT AREA PORTS	Groundfish	72,006	325,635	22%	65,550	401,486	16%			
	Groundfish+Shark+Skate	79,296	394,417	20%	68,436	432,828	16%			
NORTH PUGET SOUND PORTS	Groundfish	32,868	2,686,842	1%	53,685	751,907	7%		533,833	0%
	Groundfish+Shark+Skate	46,771	2,820,224	2%	54,846	967,059	6%		574,216	0%
SANTA BARBARA AREA PORTS	Groundfish		10,737	0%		18,552	0%		34,450	0%
	Groundfish+Shark+Skate		11,664	0%		19,036	0%		35,858	0%
SAN DIEGO AREA PORTS	Groundfish									
SAN FRANCISCO AREA PORTS	Groundfish	89,063	567,487	16%	13,217	311,364	4%	141,426	464,418	30%
	Groundfish+Shark+Skate	90,291	575,200	16%	13,217	318,330	4%	158,273	484,702	33%
TILLAMOOK AREA PORTS	Groundfish		44,827	0%						
	Groundfish+Shark+Skate		45,065	0%						
PORT NOT RECORDED*	Groundfish							1,021		0%
	Groundfish+Shark+Skate							1,021		0%
Sum	Groundfish	434,022	6,815,062	6%	426,018	3,711,523	11%	422,789	4,119,784	10%
	Groundfish+Shark+Skate	502,019	7,294,736	7%	448,372	4,054,388	11%	447,538	4,245,311	11%

* Port not recorded = Port of landing not recorded.

Table 3. Continued.

Port Group	Category	Mar-Apr,2002			May-Jun, 2002			Jul-Aug, 2002			Grand Total		
		Observed	Total	% Observed	Observed	Total	% Observed	Observed	Total	% Observed	Observed	Total	% Observed
BODEGA BAY AREA PORTS	Groundfish	49,514	110,329	45%	5,674	55,691	10%	27,883	91,749	30%	83,071	529,503	16%
	Groundfish+Shark+Skate	49,514	110,359	45%	5,674	55,691	10%	27,883	93,291	30%	83,071	531,119	16%
FORT BRAGG AREA PORTS	Groundfish	67,319	687,312	10%	26,313	717,844	4%	315,226	1,020,979	31%	456,552	3,628,290	13%
	Groundfish+Shark+Skate	68,581	689,479	10%	26,313	717,844	4%	315,226	1,020,979	31%	457,899	3,647,438	13%
BROOKINGS AREA PORTS	Groundfish		2,690	0%		8,848	0%		656	0%	1,170	207,266	1%
	Groundfish+Shark+Skate		2,690	0%		8,848	0%		656	0%	1,525	210,678	1%
COOS BAY AREA PORTS	Groundfish	56,126	440,023	13%	21,319	319,974	7%	109,156	266,869	41%	215,963	2,082,556	10%
	Groundfish+Shark+Skate	57,913	496,433	12%	23,874	328,080	7%	116,296	296,309	39%	238,769	2,290,458	10%
CRESCENT CITY AREA PORTS	Groundfish	106,217	664,400	16%	49,901	578,854	9%	61,232	430,483	14%	316,321	2,610,193	12%
	Groundfish+Shark+Skate	110,271	684,992	16%	53,487	582,816	9%	61,232	430,589	14%	344,088	2,749,165	13%
COLUMBIA RIVER PORTS (OR)	Groundfish	62,344	227,821	27%	275,221	950,551	29%	181,199	1,458,018	12%	689,831	4,059,758	17%
	Groundfish+Shark+Skate	67,943	236,550	29%	287,863	986,742	29%	189,218	1,540,209	12%	716,091	4,190,916	17%
COLUMBIA RIVER PORTS (WA)	Groundfish		51,705	0%							32,021	204,375	16%
	Groundfish+Shark+Skate		51,705	0%							32,021	204,375	16%
WASHINGTON COASTAL PORTS	Groundfish	21,952	105,741	21%	15,023	219,644	7%		8,385,574	0%	75,980	8,859,187	1%
	Groundfish+Shark+Skate	22,717	106,506	21%	15,093	219,749	7%		8,425,483	0%	76,815	8,899,996	1%
EUREKA AREA PORTS	Groundfish	90,244	892,011	10%	58,913	526,591	11%	33,498	532,579	6%	412,690	3,593,671	11%
	Groundfish+Shark+Skate	93,151	907,839	10%	58,913	526,591	11%	33,498	532,594	6%	455,425	3,771,727	12%
LOS ANGEL PORTS	Groundfish		1,911	0%		1,845	0%		4	0%	-	4,961	0%
	Groundfish+Shark+Skate		1,911	0%		1,865	0%		4	0%	-	4,981	0%
MONTEREY AREA PORTS	Groundfish	2,663	322,647	1%	68,085	342,906	20%	27,860	205,182	14%	187,743	1,780,550	11%
	Groundfish+Shark+Skate	2,845	340,987	1%	69,045	348,732	20%	27,860	206,291	14%	188,885	1,810,242	10%
MORRO BAY AREA PORTS	Groundfish	76,206	185,821	41%	74,371	267,730	28%		364,142	0%	227,131	1,372,624	17%
	Groundfish+Shark+Skate	76,522	186,272	41%	74,371	267,752	28%		364,194	0%	227,513	1,374,752	17%
NEWPORT AREA PORTS	Groundfish	32,118	79,425	40%	43,116	324,047	13%	4,662	381,870	1%	217,452	1,512,463	14%
	Groundfish+Shark+Skate	61,042	151,367	40%	64,158	416,359	15%	7,096	432,811	2%	280,028	1,827,782	15%
NORTH PUGET SOUND PORTS	Groundfish	53,720	1,118,946	5%	316,459	2,719,758	12%	585,129	4,012,709	15%	1,041,861	11,823,995	9%
	Groundfish+Shark+Skate	119,447	1,225,628	10%	328,289	3,047,970	11%	602,704	4,161,680	14%	1,152,057	12,796,777	9%
SANTA BARBARA AREA PORTS	Groundfish		24,764	0%		27,182	0%		22,697	0%	-	138,382	0%
	Groundfish+Shark+Skate		25,308	0%		27,248	0%		23,055	0%	-	142,169	0%
SAN DIEGO AREA PORTS	Groundfish								2,766	0%	-	2,766	0%
	Groundfish+Shark+Skate								2,766	0%	-	2,766	0%
SAN FRANCISCO AREA PORTS	Groundfish	100,875	615,231	16%		320,437	0%	27,780	242,307	11%	372,361	2,521,244	15%
	Groundfish+Shark+Skate	101,974	620,087	16%		322,087	0%	28,210	242,855	12%	391,965	2,563,261	15%
TILLAMOOK AREA PORTS	Groundfish		28,535	0%	21,860	57,537	38%	7,707	54,912	14%	29,567	185,811	16%
	Groundfish+Shark+Skate		28,915	0%	22,626	58,375	39%	7,985	55,923	14%	30,611	188,278	16%
PORT NOT RECORDED*	Groundfish		32	0%							-	1,053	0%
	Groundfish+Shark+Skate		32	0%							-	1,053	0%
Sum	Groundfish	719,298	5,559,344	13%	976,255	7,439,439	13%	1,381,332	17,473,496	8%	4,359,714	45,118,648	10%
	Groundfish+Shark+Skate	831,920	5,867,060	14%	1,029,706	7,916,749	13%	1,417,208	17,829,689	8%	4,676,763	47,207,933	10%

* Port not recorded = Port of landing not recorded.

Table 4.

Number of sampled trawl trips by period, area, and port group. The trips are allocated to the nearest area.

Port group	Sep-Oct, 2001			Nov-Dec, 2001			Jan-Feb, 2002			SUM		
	N ¹	S ²	Total ³	N ¹	S ²	Total ³	N ¹	S ²	Total ³	N ¹	S ²	Total ³
BODEGA BAY AREA PORTS												
FORT BRAGG AREA PORTS								4	4			
BROOKINGS AREA PORTS						1		3				3
COOS BAY AREA PORTS	7		7	3		3		7				7
CRESCENT CITY AREA PORTS	5		5	7		7		5				5
COLUMBIA RIVER PORTS (OR)	8		8	9		9		10				10
COLUMBIA RIVER PORTS (WA)	1		1									
WASHINGTON COASTAL PORTS				2		2		3				3
EUREKA AREA PORTS	22	1	23	2		2		15				15
MONTEREY AREA PORTS		1	1		7	7			5			5
MORRO BAY AREA PORTS		7	7		2	2			1			1
NEWPORT AREA PORTS	7		7	4		4		7				7
NORTH PUGET SOUND PORTS	7		7	14		14		11				11
SANTA BARBARA AREA PORTS									1			1
SAN FRANCISCO AREA PORTS		31	31		3	3			15			15
TILLAMOOK AREA PORTS												
PORT NOT RECORDED ⁴												
TOTAL	58	40	98	42	12	54	61	26	87			

Port group	Mar-Apr, 2002			May-Jun, 2002			Jul-Aug, 2002			SUM		
	N ¹	S ²	Total ³	N ¹	S ²	Total ³	N ¹	S ²	Total ³	N ¹	S ²	Total ³
BODEGA BAY AREA PORTS			4			4			5			5
FORT BRAGG AREA PORTS												1
BROOKINGS AREA PORTS			4			4			5			5
COOS BAY AREA PORTS	4		4	2		2			2			2
CRESCENT CITY AREA PORTS	15	1	16	13		13	12		12			12
COLUMBIA RIVER PORTS (OR)	19		19	9	1	10	12		12			12
COLUMBIA RIVER PORTS (WA)	15		15	23		23	12		12			12
WASHINGTON COASTAL PORTS												
EUREKA AREA PORTS	2		2	1		1						
MONTEREY AREA PORTS	11	1	12	9	1	10	5	6	11			
MORRO BAY AREA PORTS		6	6		7	7		8	8			
NEWPORT AREA PORTS		6	6		4	4						
NORTH PUGET SOUND PORTS	11		11	7		7	1		1			
SANTA BARBARA AREA PORTS	20		20	19		19	55		55			
SAN FRANCISCO AREA PORTS												
TILLAMOOK AREA PORTS		10	10		1	1		4	4			
PORT NOT RECORDED ⁴	1		1	6		6	2		2			
TOTAL	98	34	132	89	21	110	101	36	137	449	169	618

¹ N = North of 40°10'² S = South of 40°10'³ Total = N + S⁴ Port not recorded = Port of landing not recorded.

Table 5.

Number of tows sampled by trip limit period, port group areas, and depth range (Fathoms).

Port Group Area	Sep-Oct, 2001				Nov-Dec, 2001			2001
	0-100	100-200	> 200	Total	0-100	100-200	Total	Total
FORT BRAGG AREA PORTS			10	10	3	1	4	14
COOS BAY AREA PORTS	18	12	21	51	12	13	25	76
CRESCENT CITY AREA PORTS	2	1	18	21	32		32	53
COLUMBIA RIVER PORTS (OR)	10	16	22	48	32		32	80
COLUMBIA RIVER PORTS (WA)	12	3		15				15
WASHINGTON COASTAL PORTS					6		6	6
EUREKA AREA PORTS	65	10		75	3		3	78
MONTEREY AREA PORTS		1	4	5	14	12	26	31
MORRO BAY AREA PORTS	3	34	4	41	16		16	57
NEWPORT AREA PORTS	54	23	11	88	27		27	115
NORTH PUGET SOUND PORTS	28	2		30	29	13	42	72
SAN FRANCISCO AREA PORTS	129	7		136	6		6	142
TOTAL	321	109	90	520	180	39	219	739

Port Group Area	Jan-Feb, 2002				Mar-Apr, 2002			
	0-100	100-200	> 200	Total	0-100	100-200	> 200	Total
BODEGA BAY AREA PORTS						8	16	24
FORT BRAGG AREA PORTS	1	7	13	21	5	3	22	30
BROOKINGS AREA PORTS			9	9			17	17
COOS BAY AREA PORTS		6	29	35	4	23	57	84
CRESCENT CITY AREA PORTS	4	2	15	21	29	1	45	75
COLUMBIA RIVER PORTS (OR)		20	41	61	57	14	58	129
WASHINGTON COASTAL PORTS		13	13	26	33			33
EUREKA AREA PORTS	1	12	46	59	14	5	41	60
MONTEREY AREA PORTS	1	1	20	22	13			13
MORRO BAY AREA PORTS		13	4	17	14	2	4	20
NEWPORT AREA PORTS		23	35	58	27	33	48	108
NORTH PUGET SOUND PORTS	26	23	43	92	68	6	20	94
SANTA BARBARA AREA PORTS		4	3	7				
SAN FRANCISCO AREA PORTS	61	6	9	76	15	3	17	35
TILLAMOOK AREA PORTS					15			15
PORT NOT RECORDED ¹								
TOTAL	94	130	280	504	294	98	345	737

Port Group Area	May-Jun, 2002				Jul-Aug, 2002				2002
	0-100	100-200	> 200	Total	0-100	100-200	> 200	Total	Total
BODEGA BAY AREA PORTS	7	5	2	14			3	3	41
FORT BRAGG AREA PORTS	2	1	5	8		5	77	82	141
BROOKINGS AREA PORTS			7	7					33
COOS BAY AREA PORTS	34	9	9	52	110	10	6	126	297
CRESCENT CITY AREA PORTS	31	11	26	68	51	3	6	60	224
COLUMBIA RIVER PORTS (OR)	326	13	10	349	130	7	2	139	678
WASHINGTON COASTAL PORTS	17			17					76
EUREKA AREA PORTS	10	13	22	45	21	4	43	68	232
MONTEREY AREA PORTS	7	3	10	20	1	4	27	32	87
MORRO BAY AREA PORTS		4	16	20					57
NEWPORT AREA PORTS	45	9	5	59	5			5	230
NORTH PUGET SOUND PORTS	96			96	245	32		277	559
SANTA BARBARA AREA PORTS									7
SAN FRANCISCO AREA PORTS		1	2	3	1	1	6	8	122
TILLAMOOK AREA PORTS	41			41	19			19	75
PORT NOT RECORDED ¹					22		3	25	25
TOTAL	616	69	114	799	605	66	173	844	2884

¹ Port not recorded = Port of landing for tows not recorded.

Table 6.

Number of tows sampled by trip limit period, target strategy, area, and depth range (Fathoms).

Depth Range	Target Strategy ⁵	Sep-Oct, 2001			Nov-Dec, 2001			Jan-Feb, 2002		
		N ¹	S ²	Total ³	N ¹	S ²	Total ³	N ¹	S ²	Total ³
0-100	Whiting									
	DTS	37		37				1		1
	Shelf RKF	6	4	10	54	1	55		3	3
	Slope RKF	1		1						
	Flatfish	136	127	263	82	35	117	20	53	73
	Non GF ⁴	9	1	10	8		8	10	7	17
	Sum	189	132	321	144	36	180	31	63	94
100-200	DTS	38	1	39				12		12
	Shelf RKF		5	5					5	5
	Slope RKF	5	1	6		5	5	11	18	29
	Flatfish	23	34	57	26	6	32	74	5	79
	Non GF ⁴	1	1	2	1	1	2	2	3	5
		Sum	67	42	109	27	12	39	99	31
> 200	DTS	80	4	84				176	46	222
	Slope RKF	1		1						
	Flatfish		4	4				48		48
	Non GF ⁴	1		1				7	3	10
		Sum	82	8	90				231	49
Total		338	182	520	171	48	219	361	143	504

Depth Range	Target Strategy ⁵	Mar-Apr, 2002			May-Jun, 2002			Jul-Aug, 2002			Total		
		N ¹	S ²	Total ³	N ¹	S ²	Total ³	N ¹	S ²	Total ³	N ¹	S ²	Total ³
0-100	Whiting							8		8	8	0	8
	DTS	44	2	46	121	3	124	59		59	262	5	267
	Shelf RKF	8	8	16	31	6	37	37		37	136	22	158
	Slope RKF				2		2				3	0	3
	Flatfish	191	37	228	429	7	436	491		491	1349	259	1608
	Non GF ⁴	4		4	17		17	8	2	10	56	10	66
	Sum	247	47	294	600	16	616	603	2	605	1814	296	2110
100-200	DTS	39	4	43	33	7	40	26	8	34	148	20	168
	Shelf RKF	1	2	3	1	2	3	1		1	3	14	17
	Slope RKF	4	11	15	13	8	21	4	3	7	37	46	83
	Flatfish	33	1	34	4		4	21	3	24	181	49	230
	Non GF ⁴	1	2	3	1		1				6	7	13
		Sum	78	20	98	52	17	69	52	14	66	375	136
> 200	DTS	255	59	314	64	37	101	14	156	170	589	302	891
	Shelf RKF					10	10		1	1	1	11	12
	Slope RKF	22		22				1		1	71	4	75
	Non GF ⁴	8	1	9	1	2	3		1	1	17	7	24
		Sum	285	60	345	65	49	114	15	158	173	678	324
Total		610	127	737	717	82	799	670	174	844	2867	756	3623

¹ N = North of 40°10'² S = South of 40°10'³ Total = N + S⁴ Non GF = Tow with no groundfish retained, no catch in the net, or all catch was discarded.⁵ Target Strategy = The species/category with the largest cumulative catch among the five strategies (The species for Pacific whiting, DTS, Shelf rockfish, Slope rockfish and Flatfish strategies are listed in Appendix Table I.)

Appendix A. Observer Haul Form

D or R	Port	Date	Time
D			
R			

OBSERVER HAUL FORM

Page ____ of ____

Observer name _____ Year _____ Vessel Name _____

USCG Vessel # _____ GF Permit # _____ Trip # _____

Fish Ticket # _____ Vessel Logbook # _____

Haul/ Set #	DATE		TIME (local 24-hour clock)	LATITUDE		LONGITUDE		Average depth of catch (fathoms)	Gear Type	Target Strategy	Observer Total Catch Estimate (tenth of a pound)	Weight Method	Gear performance	Fixed Gear - Total Hook/Pot Count Trawler - midtow position/duration effects or Comments
	Month	Day		Degrees	Minutes	Degrees	Minutes							
			Start ¹		.		.							
			End ²		.		.							
			Start		.		.							
			End		.		.							
			Start		.		.							
			End		.		.							
			Start ¹		.		.							
			End		.		.							
			Start		.		.							
			End		.		.							
			Start		.		.							
			End		.		.							
			Start		.		.							
			End		.		.							
			Start		.		.							
			End		.		.							

¹ Start - Time the brake is set

² End - Time the haul back is started

Appendix F: Gear Codes

Observer Program Gear		PacFIN Gear				
Code	Description	Type*	GRID	Group	Short Name	Description
14	ALL NET GEAR EXCEPT TRAWL	2	NET	ALL	NETS	ALL NET GEAR EXCEPT TRAWL
16	ALL OTHER MISCELLANEOUS GEAR	2	MSC	ALL	OTH GEARS	ALL OTHER MISCELLANEOUS GEAR
15	ALL TROLL GEAR	2	TLS	ALL	TROLLS	ALL TROLL GEAR
4	DANISH/SCOTTISH SEINE (TRAWL)	1	DNT	TWL	DNSH SEINE	DANISH/SCOTTISH SEINE (TRAWL)
10	FISH POT	1	FPT	POT	FISH POT	FISH POT
	GROUND FISH TRAWL, FOOTROPE <					GROUND FISH TRAWL, FOOTROPE < 8
1	8in	1	GFS	TWL	GFTRAWL<8	in.
	GROUND FISH TRAWL, FOOTROPE >					GROUND FISH TRAWL, FOOTROPE > 8
2	8in	1	GFL	TWL	GFTRAWL>8	in.
6	LONGLINE OR SETLINE	1	LGL	HKL	LONGLINE	LONGLINE OR SETLINE
3	MIDWATER TRAWL	1	MDT	TWL	MID-TRAWL	MIDWATER TRAWL
9	OTHER HOOK AND LINE GEAR	1	OHL	HKL	OTH HK&LN	OTHER HOOK AND LINE GEAR
5	OTHER TRAWL GEAR	1	OTW	TWL	OTH TRAWLS	OTHER TRAWL GEAR
8	POLE (COMMERCIAL)	1	POL	HKL	POLE(COM) PRWN-	POLE (COMMERCIAL)
11	PRAWN TRAWL	1	PWT	TWS	TRAWL	PRAWN TRAWL
13	SHRIMP TRAWL, DOUBLE RIGGED	1	DST	TWS	DBL-SHRIMP	SHRIMP TRAWL, DOUBLE RIGGED
12	SHRIMP TRAWL, SINGLE RIGGED	1	SST	TWS	SGL-SHRIMP	SHRIMP TRAWL, SINGLE RIGGED
7	VERTICAL HOOK AND LINE GEAR	1	VHL	HKL	VRTCL HKL	VERTICAL HOOK AND LINE GEAR

* 1=gear code; 2=gear group

Database Table Hierarchy

TRIPS

- FISHING_ACTIVITIES
 - FISHING_ACT_LOCS
 - CATCHES
 - SUB_SAMPLES
 - SPECIES_COMPOSITIONS
 - BIOLOGICAL_SPECIMENS
 - SPECIMEN_CHARACTERISTICS

Database Table Descriptions

The database tables listed in the table below are a subset of the total tables contained in the Oracle database. They represent the tables that are actually used to contain the observer data collected by the WCGOP.

TABLE NAME	DESCRIPTION
BIOLOGICAL_SPECIMENS	Physical measurements collected for an individual fish, mammal or bird occurring in a sub sample
CATCHES	PacFIN catch category based estimates of fish caught during a haul or set
CATCH_CATEGORIES	PacFIN catch categories
FISHING_ACTIVITIES	Fishing hauls or sets occurring during a trip
FISHING_ACT_LOCS	Locations of hauls or sets
PORTS	Coastal cities where fishing activity is based out of
SPECIES	Fish, mammal and bird species that might be encountered during fishing
SPECIMEN_CHARACTERISTICS	Physical specimens collected for an individual fish, mammal or bird
SPECIES_COMPOSTIONS	Weights and counts for individual species occurring in a sub sample
SUB_SAMPLES	Sets of species weights and counts resulting from sampling catches occurring in a haul or set
TRIPS	Sets of fishing activities that occur between the time a vessel leaves port and when it returns
VESSELS	Trawl, longline, pot or other fishing vessels

Appendix Table I.

Species/categories identifier (SPID) used in logbook and fish ticket data. The observer program uses scientific name, which was translated into equivalent SPID. Target species/categories for the six target strategies are grouped together: PWHT: Pacific whiting strategy, DTS: DTS strategy, SHLF: shelf rockfish strategy, SLOP: slope rockfish strategy, FLAT: flatfish strategy, SHOR: nearshore rockfish strategy. Grouped name is to determine whether the species is groundfish (GRND), sharks (SHRK), skates (SKAT), salmon(SAMN), Pacific Halibut (PHLB), and dungenes crab (DCRB).

SPID	Common Name	Scientific Name	Target Strategy	Grouped Name
PWHT	PACIFIC WHITING	MERLUCCIUS PRODUCTUS	PWHT	GRND
DOVR	DOVER SOLE	MICROSTOMUS PACIFICUS	DTS	GRND
LSP1	NOM. LONGSPINE THORNYHEAD	N/A	DTS	GRND
LSPN	LONGSPINE THORNYHEAD	SEBASTOLOBUS ALTIVELIS	DTS	GRND
SSP1	NOM. SHORTSPINE THORNYHEAD	N/A	DTS	GRND
SSPN	SHORTSPINE THORNYHEAD	SEBASTOLOBUS ALASCANUS	DTS	GRND
THD1	NOM. THORNYHEADS	N/A	DTS	GRND
THDS	THORNYHEADS (MIXED)	SEBASTOLOBUS SPP.	DTS	GRND
SABL	SABLEFISH	ANOPLOPOMA FIMBRIA	DTS	GRND
BCAC	BOCACCIO	SEBASTES PAUCISPINIS	SHLF	GRND
BCC1	NOM. BOCACCIO	N/A	SHLF	GRND
BRNZ	BRONZESPOTTED ROCKFISH	SEBASTES GILLI	SHLF	GRND
BRZ1	NOM. BRONZESPOTTED ROCKFISH	N/A	SHLF	GRND
CLP1	NOM. CHILIPEPPER	N/A	SHLF	GRND
CLPR	CHILIPEPPER	SEBASTES GOODEI	SHLF	GRND
CMEL	CHAMELEON ROCKFISH	SEBASTES PHILLIPSI	SHLF	GRND
CML1	NOM. CHAMELEON ROCKFISH	N/A	SHLF	GRND
CNR1	NOM. CANARY ROCKFISH	N/A	SHLF	GRND
CNRY	CANARY ROCKFISH	SEBASTES PINNIGER	SHLF	GRND
CWC1	NOM. COWCOD ROCKFISH	N/A	SHLF	GRND
CWCD	COWCOD ROCKFISH	SEBASTES LEVIS	SHLF	GRND
DWRF	DWARF-RED ROCKFISH	SEBASTES RUFIANUS	SHLF	GRND
FLAG	FLAG ROCKFISH	SEBASTES RUBRIVINCTUS	SHLF	GRND
FLG1	NOM. FLAG ROCKFISH	N/A	SHLF	GRND
FRCK	FRECKLED ROCKFISH	SEBASTES LENTIGINOSUS	SHLF	GRND
GBL1	NOM. GREENBLOTCHED ROCKFISH	N/A	SHLF	GRND
GBLC	GREENBLOTCHED ROCKFISH	SEBASTES ROSENBLATTI	SHLF	GRND
GSP1	NOM. GREENSPOTTED ROCKFISH	N/A	SHLF	GRND
GSPT	GREENSPOTTED ROCKFISH	SEBASTES CHLOROSTICTUS	SHLF	GRND
GSR1	NOM. GREENSTRIPED ROCKFISH	N/A	SHLF	GRND
GSRK	GREENSTRIPED ROCKFISH	SEBASTES ELONGATUS	SHLF	GRND
HBRK	HALFBANDED ROCKFISH	SEBASTES SEMICINCTUS	SHLF	GRND
HNY1	NOM. HONEYCOMB ROCKFISH	N/A	SHLF	GRND
HNYC	HONEYCOMB ROCKFISH	SEBASTES UMBROSUS	SHLF	GRND
MXR1	NOM. MEXICAN ROCKFISH	N/A	SHLF	GRND
MXRF	MEXICAN ROCKFISH	SEBASTES MACDONALDI	SHLF	GRND
NSLF	NORTHERN SHELF ROCKFISH	N/A	SHLF	GRND
NUSF	NOR. UNSP. SHELF ROCKFISH	N/A	SHLF	GRND
PGMY	PYGMY ROCKFISH	SEBASTES WILSONI	SHLF	GRND
PNK1	NOM. PINK ROCKFISH	N/A	SHLF	GRND
PNKR	PINK ROCKFISH	SEBASTES EOS	SHLF	GRND
PRR1	NOM. PINKROSE ROCKFISH	N/A	SHLF	GRND
PRRK	PINKROSE ROCKFISH	SEBASTES SIMULATOR	SHLF	GRND
RCK1	BOCACCIO+CHILIPEPPER RCKFSH	N/A	SHLF	GRND
RCK3	UNSP. DPWTR REDS RCKFSH	N/A	SHLF	GRND

Appendix Table I. Continued

SPID	Common Name	Scientific Name	Target Strategy	Grouped Name
RCK4	UNSP. REDS RCKFSH	N/A	SHLF	GRND
RCK8	CANARY+VERMILION RCKFSH	N/A	SHLF	GRND
REDS	REDSTRIPE ROCKFISH	SEBASTES PRORIGER	SHLF	GRND
ROS1	NOM. ROSY ROCKFISH	N/A	SHLF	GRND
ROSY	ROSY ROCKFISH	SEBASTES ROSACEUS	SHLF	GRND
RST1	NOM. ROSETHORN ROCKFISH	N/A	SHLF	GRND
RSTN	ROSETHORN ROCKFISH	SEBASTES HELVOMACULATUS	SHLF	GRND
SLGR	SILVERGREY ROCKFISH	SEBASTES BREVISPINIS	SHLF	GRND
SPK1	NOM. SPECKLED ROCKFISH	N/A	SHLF	GRND
SPKL	SPECKLED ROCKFISH	SEBASTES OVALIS	SHLF	GRND
SQR1	NOM. SQUARESPOT	N/A	SHLF	GRND
SQRS	SQUARESPOT ROCKFISH	SEBASTES HOPKINSI	SHLF	GRND
SSLF	SOUTHERN SHELF ROCKFISH	N/A	SHLF	GRND
STAR	STARRY ROCKFISH	SEBASTES CONSTELLATUS	SHLF	GRND
STL1	NOM. STRIPETAIL ROCKFISH	N/A	SHLF	GRND
STR1	NOM. STARRY ROCKFISH	N/A	SHLF	GRND
STRK	STRIPETAIL ROCKFISH	SEBASTES SAXICOLA	SHLF	GRND
SUSF	SOU. UNSP. SHELF ROCKFISH	N/A	SHLF	GRND
SWS1	NOM. SWORDSPINE ROCKFISH	N/A	SHLF	GRND
SWSP	SWORDSPINE ROCKFISH	SEBASTES ENSIFER	SHLF	GRND
TIGR	TIGER ROCKFISH	SEBASTES NIGROCINCTUS	SHLF	GRND
USLF	UNSP. SHELF ROCKFISH	N/A	SHLF	GRND
VRM1	NOM. VERMILLION ROCKFISH	N/A	SHLF	GRND
VRML	VERMILION ROCKFISH	SEBASTES MINIATUS	SHLF	GRND
WDOW	WIDOW ROCKFISH	SEBASTES ENTOMELAS	SHLF	GRND
WDW1	NOM. WIDOW ROCKFISH	N/A	SHLF	GRND
YEY1	NOM. YELLOWEYE ROCKFISH	N/A	SHLF	GRND
YEYE	YELLOWEYE ROCKFISH	SEBASTES RUBERRIMUS	SHLF	GRND
YTR1	NOM. YELLOWTAIL ROCKFISH	N/A	SHLF	GRND
YTRK	YELLOWTAIL ROCKFISH	SEBASTES FLAVIDUS	SHLF	GRND
ARR1	NOM. AURORA ROCKFISH	N/A	SLOP	GRND
ARRA	AURORA ROCKFISH	SEBASTES AURORA	SLOP	GRND
BANK	BANK ROCKFISH	SEBASTES RUFUS	SLOP	GRND
BGL1	NOM. BLACKGILL ROCKFISH	N/A	SLOP	GRND
BLGL	BLACKGILL ROCKFISH	SEBASTES MELANOSTOMUS	SLOP	GRND
BNK1	NOM. BANK ROCKFISH	N/A	SLOP	GRND
DBR1	NOM. DARKBLOTCHED ROCKFISH	N/A	SLOP	GRND
DBRK	DARKBLOTCHED ROCKFISH	SEBASTES CRAMERI	SLOP	GRND
NSLP	NORTHERN SLOPE ROCKFISH	N/A	SLOP	GRND
NUSP	NOR. UNSP. SLOPE ROCKFISH	N/A	SLOP	GRND
OSLR	OTHER SLOPE RKFSH	N/A	SLOP	GRND
POP	PACIFIC OCEAN PERCH	SEBASTES ALUTUS	SLOP	GRND
POP1	GEN. SHELF/SLOPE RF	N/A	SLOP	GRND
POP2	NOMINAL POP	N/A	SLOP	GRND
RCK5	UNSP. SMALL REDS RCKFSH	N/A	SLOP	GRND
RCK6	UNSP. ROSEFISH RCKFSH	N/A	SLOP	GRND

Appendix Table I. Continued

SPID	Common Name	Scientific Name	Target Strategy	Grouped Name
RDB1	NOM. REDBANDED ROCKFISH	N/A	SLOP	GRND
RDBD	REDBANDED ROCKFISH	SEBASTES BABCOCKI	SLOP	GRND
REYE	ROUGHEYE ROCKFISH	SEBASTES ALEUTIANUS	SLOP	GRND
SBL1	NOM. SHORTBELLY ROCKFISH	N/A	SLOP	GRND
SBLY	SHORTBELLY ROCKFISH	SEBASTES JORDANI	SLOP	GRND
SHRP	SHARPCHIN ROCKFISH	SEBASTES ZACENTRUS	SLOP	GRND
SNOS	SPLITNOSE ROCKFISH	SEBASTES DIPLOPROA	SLOP	GRND
SNS1	NOM. SPLITNOSE ROCKFISH	N/A	SLOP	GRND
SRCK	__SLOPE-91 ROCKFISH	N/A	SLOP	GRND
SRKR	SHORTRAKER ROCKFISH	SEBASTES BOREALIS	SLOP	GRND
SSLP	SOUTHERN SLOPE ROCKFISH	N/A	SLOP	GRND
SUSP	SOU. UNSP. SLOPE ROCKFISH	N/A	SLOP	GRND
UDW1	SHORTRAKER+ROUGHEYE	N/A	SLOP	GRND
UPOP	UNSP. POP GROUP	N/A	SLOP	GRND
URK1	SRKR+REYE+NRCK+SHRP	N/A	SLOP	GRND
USLP	UNSP. SLOPE ROCKFISH	N/A	SLOP	GRND
USLR	UNSP. SLOPE RKFSH	N/A	SLOP	GRND
USR1	UNSP. SLOPE-91	N/A	SLOP	GRND
USR2	UNSP. SLOPE-93	N/A	SLOP	GRND
YMTH	YELLOWMOUTH ROCKFISH	SEBASTES REEDI	SLOP	GRND
ARTH	ARROWTOOTH FLOUNDER	ATHERESTHES STOMIAS	FLAT	GRND
BSOL	BUTTER SOLE	ISOPSETTA ISOLEPIS	FLAT	GRND
CHLB	CALIFORNIA HALIBUT	PARALICHTHYS CALIFORNICUS	FLAT	GRND
CSOL	CURLFIN SOLE	PLEURONICHTHYS DECURRENS	FLAT	GRND
DEEP	__DEEP-91 FLOUNDERS	N/A	FLAT	GRND
DFLT	UNSP. DEEP FLOUNDERS	N/A	FLAT	GRND
DTRB	DIAMOND TURBOT	HYP SOPSETTA GUTTULATA	FLAT	GRND
EGLS	ENGLISH SOLE	PAROPHRY S VETULUS	FLAT	GRND
FLAT	__ALL FLATFISH	N/A	FLAT	GRND
FSOL	FLATHEAD SOLE	HIPPOGLOSSEIDES ELASSODON	FLAT	GRND
GTRB	GREENLAND TURBOT	REINHARDTIUS HIPPOGLOSSEIDES	FLAT	GRND
HTRB	HORNYHEAD TURBOT	PLEURONICHTHYS VERTICALIS	FLAT	GRND
LDAB	LONGFIN SANDDAB	CITHARICHTHYS XANTHOSTIGMA	FLAT	GRND
LDB1	NOM. LONGFIN SANDDAB	CITHARICHTHYS SPP.	FLAT	GRND
OFLT	OTHER FLATFISH	N/A	FLAT	GRND
PDAB	PACIFIC SANDDAB	CITHARICHTHYS SORDIDUS	FLAT	GRND
PDB1	NOM. PACIFIC SANDDAB	CITHARICHTHYS SPP.	FLAT	GRND
PTRL	PETRALE SOLE	EOPSETTA JORDANI	FLAT	GRND
REX	REX SOLE	GLYPTOCEPHALUS ZACHIRUS	FLAT	GRND
RFLT	REMAINING FLATFISH	N/A	FLAT	GRND
RSOL	ROCK SOLE	LEPIDOPSETTA BILINEATA	FLAT	GRND
SDAB	__SANDDABS	CITHARICHTHYS SPP.	FLAT	GRND
SDB1	NOM. SPECKLED SANDDAB	CITHARICHTHYS SPP.	FLAT	GRND
SFLT	UNSP. SHALLOW FLOUNDERS	N/A	FLAT	GRND
SHAL	__SHALLOW-91 FLOUNDERS	N/A	FLAT	GRND
SSDB	SPECKLED SANDDAB	CITHARICHTHYS STIGMAEUS	FLAT	GRND

Appendix Table I. Continued

SPID	Common Name	Scientific Name	Target Strategy	Grouped Name
SSOL	SAND SOLE	PSETTICHTHYS MELANOSTICTUS	FLAT	GRND
STRY	STARRY FLOUNDER	PLATICHTHYS STELLATUS	FLAT	GRND
TRBT	__TURBOTS	N/A	FLAT	GRND
UDAB	UNSP. SANDDABS	CITHARICHTHYS SPP.	FLAT	GRND
UDF1	UNSP. DEEP-91 FLOUNDERS	N/A	FLAT	GRND
UDF2	UNSP. DEEP-95 FLOUNDERS	N/A	FLAT	GRND
UFL1	FLOUNDERS (NO FSOL)	N/A	FLAT	GRND
UFLT	UNSP. FLATFISH	N/A	FLAT	GRND
USF1	UNSP. SHALLOW-91 FLOUNDERS	N/A	FLAT	GRND
UTRB	UNSP. TURBOTS	N/A	FLAT	GRND
BLCK	BLACK ROCKFISH	SEBASTES MELANOPS	SHOR	GRND
BLK1	NOM. BLACK ROCKFISH	N/A	SHOR	GRND
BLU1	NOM. BLUE ROCKFISH	N/A	SHOR	GRND
BLUR	BLUE ROCKFISH	SEBASTES MYSTINUS	SHOR	GRND
BRW1	NOM. BROWN ROCKFISH	N/A	SHOR	GRND
BRWN	BROWN ROCKFISH	SEBASTES AURICULATUS	SHOR	GRND
BYEL	BLACK-AND-YELLOW ROCKFISH	SEBASTES CHRYSOMELAS	SHOR	GRND
BYL1	NOM. BLACK-AND-YELLOW ROCKFISH	N/A	SHOR	GRND
CHN1	NOM. CHINA ROCKFISH	N/A	SHOR	GRND
CHNA	CHINA ROCKFISH	SEBASTES NEBULOSUS	SHOR	GRND
CLC1	NOM. CALICO ROCKFISH	N/A	SHOR	GRND
CLCO	CALICO ROCKFISH	SEBASTES DALLI	SHOR	GRND
COP1	NOM. COPPER ROCKFISH	N/A	SHOR	GRND
COPP	COPPER ROCKFISH	SEBASTES CAURINUS	SHOR	GRND
GPH1	NOM. GOPHER ROCKFISH	N/A	SHOR	GRND
GPHR	GOPHER ROCKFISH	SEBASTES CARNATUS	SHOR	GRND
GRAS	GRASS ROCKFISH	SEBASTES RASTRELLIGER	SHOR	GRND
GRS1	NOM. GRASS ROCKFISH	N/A	SHOR	GRND
KLP1	NOM. KELP ROCKFISH	N/A	SHOR	GRND
KLPR	KELP ROCKFISH	SEBASTES ATROVIRENS	SHOR	GRND
NSHR	NORTHERN NEAR-SHORE ROCKFISH	N/A	SHOR	GRND
NUSR	NOR. UNSP. NEAR-SHORE ROCKFISH	N/A	SHOR	GRND
OLV1	NOM. OLIVE ROCKFISH	N/A	SHOR	GRND
OLVE	OLIVE ROCKFISH	SEBASTES SERRANOIDES	SHOR	GRND
QLB1	NOM. QUILLBACK ROCKFISH	N/A	SHOR	GRND
QLBK	QUILLBACK ROCKFISH	SEBASTES MALIGER	SHOR	GRND
RCK2	UNSP. BOLINA RCKFSH	N/A	SHOR	GRND
RCK7	UNSP. GOPHER RCKFSH	N/A	SHOR	GRND
RCK9	BLACK+BLUE ROCKFISH	N/A	SHOR	GRND
SSHR	SOUTHERN NEAR-SHORE ROCKFISH	N/A	SHOR	GRND
SUSR	SOU. UNSP. NEAR-SHORE ROCKFISH	N/A	SHOR	GRND
TRE1	NOM. TREEFISH	N/A	SHOR	GRND
TREE	TREEFISH	SEBASTES SERRICEPS	SHOR	GRND
USHR	UNSP. NEAR-SHORE ROCKFISH	N/A	SHOR	GRND

Appendix Table I. Continued

SPID	Common Name	Scientific Name	Target Strategy	Grouped Name
CBZ1	NOM. CABEZON	N/A	---	GRND
CBZN	CABEZON	SCORPAENICHTHYS MARMORATUS	---	GRND
CPLN	CAPELIN	MALLOTUS VILLOSUS	---	GRND
KGL1	NOM. KELP GREENLING	N/A	---	GRND
KLPG	KELP GREENLING	HEXAGRAMMOS DECAGRAMMUS	---	GRND
LCOD	LINGCOD	OPHIODON ELONGATUS	---	GRND
ORND	OTHER ROUND FISH	N/A	---	GRND
PCOD	PACIFIC COD	GADUS MACROCEPHALUS	---	GRND
PLCK	WALLEYE POLLOCK	THERAGRA CHALCOGRAMMA	---	GRND
ROND	__ALL ROUND FISH	N/A	---	GRND
RRND	REMAINING ROUND FISH	N/A	---	GRND
URND	UNSP. ROUND FISH	N/A	---	GRND
ASRK	PACIFIC ANGEL SHARK	SQUATINA CALIFORNICA	---	SHRK
BSRK	BLUE SHARK	PRIONACE GLAUCA	---	SHRK
ISRK	BIGEYE THRESHER SHARK	ALOPIAS SUPERCILIOUS	---	SHRK
MAKO	SHORTFIN MAKO	ISURUS OXYRINCHUS	---	SHRK
OSRK	OTHER SHARK	N/A	---	SHRK
PSRK	PELAGIC THRESHER SHARK	ALOPIAS PELAGICUS	---	SHRK
TSRK	COMMON THRESHER SHARK	ALOPIAS VULPINUS	---	SHRK
USRK	UNSP. SHARK	N/A	---	SHRK
BTRY	BAT RAY	MYLIOBATIS CALIFORNICA	---	SKAT
OSKT	OTHER SKATES	OTHER RAJIDAE	---	SKAT
SKAT	__ALL SKATES & RAYS	N/A	---	SKAT
BSKT	BIG SKATE	RAJA BINOCULATA	---	SKAT
CSKT	CALIFORNIA SKATE	RAJA INORNATA	---	SKAT
DSRK	SPINY DOGFISH	SQUALUS ACANTHIAS	---	SHRK
LSKT	LONGNOSE SKATE	RAJA RHINA	---	SKAT
LSRK	LEOPARD SHARK	TRIAKIS SEMIFASCIATA	---	SHRK
RATF	SPOTTED RATFISH	HYDROLAGUS COLLIEI	---	SHRK
SSRK	SOUPFIN SHARK	GALEORHINUS ZYOPTERUS	---	SHRK
USKT	UNSPECIFIED SKATE	UNSPECIFIED RAJIDAE	---	SKAT
PHLB	PACIFIC HALIBUT	HIPPOGLOSSUS STENOLEPIS	---	PHLB
CHNK	CHINOOK SALMON	ONCORHYNCHUS TSHAWYTSCHA	---	SAMN
CHUM	CHUM SALMON	ONCORHYNCHUS KETA	---	SAMN
COHO	COHO SALMON	ONCORHYNCHUS KISUTCH	---	SAMN
PINK	PINK SALMON	ONCORHYNCHUS GORBUSCHA	---	SAMN
SAMN	__ALL SALMON	N/A	---	SAMN
SOCK	SOCKEYE SALMON	ONCORHYNCHUS NERKA	---	SAMN
STLH	STEELHEAD	ONCORHYNCHUS MYKISS	---	SAMN
USMN	UNSP. SALMON	N/A	---	SAMN
DCRB	DUNGENESS CRAB	CANCER MAGISTER	---	DCRB

Appendix Table II.

Retained (R) and discarded (D) landings (lbs) and percent of discard, D/(R+D), for the 23 selected species obtained from the observer data in north of 41 °10', September, 2001 - August, 2002, by target strategy, depth range, and period. Non GF = Tow with no groundfish retained, no catch in the net or all catch was discarded.

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total	D/(D+R)	
				D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)					
Non GF	0-100FM	Whiting	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Discarded	3,671	100%	-	-	8	100%	-	-	12	100%	-	-	3,690	100%	
		Arrowtooth flounder	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	16	100%	-	-	83	100%	13	100%	13	100%	372	100%	497	100%	
		Petrale sole	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	9	100%	-	-	579	100%	2	100%	5	100%	72	100%	665	100%	
		Dover sole	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	121	100%	0	100%	67	100%	30	100%	1	100%	-	-	219	100%	
		Logspine thornyheads	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Shortspine thornyheads	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	-	-	-	-	0	100%	-	-	-	-	-	-	0	100%	
		Thornyheads	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Sablefish	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	3,550	100%	-	-	-	-	-	18	100%	-	-	-	3,568	100%	
		Bocaccio	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	-	-	-	-	87	100%	-	-	-	-	-	-	87	100%	
		Chilipepper	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Canary RKF	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	19	100%	144	100%	189	100%	-	-	0	100%	-	-	352	100%	
		Cowcod	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Widow RKF	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Yellowtail RKF	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	-	-	8	100%	642	100%	-	-	-	-	-	-	650	100%	
		Yelloweye RKF	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		DarkBlotched RKF	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		POP	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Discarded	-		-	-	-	6	100%	-	-	-	-	-	-	6	100%			
Splitnose RKF	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Discarded	-	-	-	-	1	100%	-	-	-	-	-	-	1	100%			
Black RKF	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Discarded	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lingcod	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Discarded	247	100%	-	-	228	100%	-	-	11	100%	26	100%	511	100%			
Pacific Halibut	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Discarded	10	100%	-	-	3	100%	-	-	-	-	-	-	13	100%			
Salmon	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Discarded	25	100%	80	100%	19	100%	-	-	-	-	-	-	124	100%			
Shark, Skate	Retained	-	-	-	-	2,200	-	-	-	-	-	-	-	2,200	-			
	Discarded	584	100%	7	100%	745	25%	573	100%	38	100%	-	-	1,947	47%			
Sum		Retained	-	-	-	-	2,200	-	-	-	-	-	-	2,200	-			
		Discarded	8,251	100%	240	100%	2,655	55%	636	100%	79	100%	470	100%	12,331	85%		

Appendix Table II. Continued.

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct,	Nov-Dec,	Jan-Feb,	Mar-Apr,	May-Jun,	Jul-Aug,	Total	D/(D+R)	
				2001	2001	2002	2002	2002	2002			2002
				D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)			
Non GF	>200FM	Whiting	Retained			-				-		
			Discarded			2	100%			2	100%	
		Arrowtooth flounder	Retained				-				-	
			Discarded			1	100%			1	100%	
		Petrale sole	Retained				-				-	
			Discarded			5	100%			5	100%	
		Dover sole	Retained				-				-	
			Discarded			3	100%			3	100%	
		Logspine thornyheads	Retained				-				-	
			Discarded				-				-	
		Shortspine thornyheads	Retained				-				-	
			Discarded				-				-	
		Thornyheads	Retained				-				-	
			Discarded				-				-	
		Sablefish	Retained				-				-	
			Discarded			11	100%			11	100%	
		Bocaccio	Retained				-				-	
			Discarded				-				-	
		Chilipepper	Retained				-				-	
			Discarded				-				-	
		Canary RKF	Retained				-				-	
			Discarded				-				-	
		Cowcod	Retained				-				-	
			Discarded				-				-	
		Widow RKF	Retained				-				-	
			Discarded				-				-	
		Yellowtail RKF	Retained				-				-	
			Discarded				-				-	
		Yelloweye RKF	Retained				-				-	
Discarded					-				-			
DarkBlotched RKF	Retained				-				-			
	Discarded			12	100%			12	100%			
POP	Retained				-				-			
	Discarded				-				-			
Splitnose RKF	Retained				-				-			
	Discarded				-				-			
Black RKF	Retained				-				-			
	Discarded				-				-			
Lingcod	Retained				-				-			
	Discarded				-				-			
Pacific Halibut	Retained				-				-			
	Discarded				-				-			
Salmon	Retained				-				-			
	Discarded				-				-			
Shark, Skate	Retained				-				-			
	Discarded			7	100%			7	100%			
Sum	Retained				-				-			
	Discarded			40	100%			40	100%			
SUM for Non GF Strategy			Retained	-	-	2,200	-	-	-	2,200		
			Discarded	8,251	100%	240	100%	2,695	55%	636	100%	
								79	100%	470	100%	
										12,371	85%	

Appendix Table II. Continued.

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct,	Nov-Dec,	Jan-Feb,	Mar-Apr,	May-Jun,	Jul-Aug,	Total	D/(D+R)	
				2001	2001	2002	2002	2002	2002			
Whiting	0-100FM	Whiting	Retained						6,300	6,300		
			Discarded						60	60	1%	
		Arrowtooth flounder	Retained							400	400	
			Discarded							1,548	1,548	79%
		Petrale sole	Retained							1,017	1,017	
			Discarded							173	173	15%
		Dover sole	Retained							350	350	
			Discarded							5,238	5,238	94%
		Logspine thornyheads	Retained							-	-	
			Discarded							-	-	
		Shortspine thornyheads	Retained							-	-	
			Discarded							-	-	
		Thornyheads	Retained							25	25	
			Discarded							-	-	0%
		Sablefish	Retained							20	20	
			Discarded							2,011	2,011	99%
		Bocaccio	Retained							-	-	
			Discarded							-	-	
		Chilipepper	Retained							-	-	
			Discarded							-	-	
		Canary RKF	Retained							28	28	
			Discarded							346	346	93%
		Cowcod	Retained							-	-	
			Discarded							-	-	
		Widow RKF	Retained							-	-	
			Discarded							-	-	
		Yellowtail RKF	Retained							-	-	
			Discarded							28	28	100%
		Yelloweye RKF	Retained							-	-	
			Discarded							7	7	100%
		DarkBlotched RKF	Retained							-	-	
			Discarded							2	2	100%
POP	Retained							-	-			
	Discarded							11	11	100%		
Splitnose RKF	Retained							-	-			
	Discarded							-	-			
Black RKF	Retained							-	-			
	Discarded							-	-			
Lingcod	Retained							85	85			
	Discarded							29	29	25%		
Pacific Halibut	Retained							-	-			
	Discarded							59	59	100%		
Salmon	Retained							-	-			
	Discarded							-	-			
Shark, Skate	Retained							380	380			
	Discarded							4,083	4,083	91%		
Sum		Retained						8,605	8,605			
		Discarded						13,593	13,593	61%		
SUM for Whiting Strategy		Retained						8,605	8,605			
		Discarded						13,593	13,593	61%		

Appendix Table II. Continued.

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total	D/(D+R)
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)			
DTS	0-100FM	Whiting	Retained	-		-		-		-		3		150		153	
			Discarded	18,416	100%					29	100%	18,039	100%	16,186	99%	52,670	100%
		Arrowtooth flounder	Retained	3,780						1,074		1,062		2,895		8,810	
			Discarded	22,685	86%		5	100%	13,381	93%	31,739	97%	27,690	91%	95,500	92%	
		Petrale sole	Retained	828		160		4,167		13,742		6,019		940		24,915	
			Discarded	2,139	72%		6	3%	1,220	23%	5,029	27%	940	14%	9,333	27%	
		Dover sole	Retained	19,698				19,935		57,016		61,941		4,783		158,589	
			Discarded	6,574	25%			5,463	22%	5,227	8%	4,783	7%			22,047	12%
		Logspine thornyheads	Retained	-												-	
			Discarded	-												-	
		Shortspine thornyheads	Retained	1,473		240		250		10		454				2,427	
			Discarded	1,711	54%			2	1%	2	18%	537	54%			2,252	48%
		Thornyheads	Retained	-								225				225	
			Discarded	-									0%			-	0%
		Sablefish	Retained	24,658		800		12,996		9,722		5,080				53,256	
			Discarded	4,338	15%			7,818	38%	45,582	82%	24,403	83%			82,142	61%
		Bocaccio	Retained	-						23						23	
			Discarded	356	100%			15	100%		0%					370	94%
		Chillipepper	Retained	-						204						204	
			Discarded	110	100%					32	14%					142	41%
		Canary RKF	Retained	123				324		326		449				1,222	
			Discarded	134	52%		293	100%	429	57%	102	24%	120	21%		1,077	47%
		Cowcod	Retained	-												-	
			Discarded	-												-	
		Widow RKF	Retained	10						3						13	
			Discarded	-	0%					1	19%					1	4%
		Yellowtail RKF	Retained	50				865		1,375		282				2,573	
			Discarded	87	63%		47	100%	16	2%	0	0%	2	1%		152	6%
		Yelloweye RKF	Retained	-						5						5	
			Discarded	-						4	47%					4	47%
		DarkBlotched RKF	Retained	103				23		123		36				285	
			Discarded	855	89%			323	93%	232	65%	454	93%			1,865	87%
		POP	Retained	514				9		25		750				1,297	
			Discarded	86	14%			1	14%	2	6%		0%			89	6%
		Splitnose RKF	Retained	26				2		3						31	
			Discarded	920	97%			63	97%	41	94%	213	100%			1,236	98%
		Black RKF	Retained	-												-	
			Discarded	-												-	
		Lingcod	Retained	458				469		1,796		455				3,178	
			Discarded	1,209	73%		20	100%	1,129	71%	4,956	73%	3,012	87%		10,326	76%
		Pacific Halibut	Retained	-												-	
			Discarded	56	100%			584	100%	2,308		573	100%			3,521	100%
Salmon	Retained	-												-			
	Discarded	-			5	100%	49	100%	12	100%				65	100%		
Shark, Skate	Retained	1,250		169		11,779		4,504		2,675				20,377			
	Discarded	13,642	92%		85	34%	16,599	58%	27,215	86%	19,880	88%		77,422	79%		
Sum	Retained	52,971		1,369		51,891		89,940		81,411				277,583			
	Discarded	73,318	58%		461	25%	47,120	48%	140,523	61%	98,792	55%		360,214	56%		

Appendix Table II. Continued.

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total	D/(D+R)	
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)				
DTS	100-200F	Whiting	Retained	-		-		-		-		-		-		-		
			Discarded	27,232	100%			322	100%	6,718	100%	2,520	100%	786	100%	37,577	100%	
		Arrowtooth flounder	Retained	3,234				1,070		12,655		2,331		3,634		22,924		
			Discarded	1,992	38%			10,238	91%	20,897	62%	7,880	77%	15,407	81%	56,413	71%	
		Petrale sole	Retained	607				5,210		1,040		145		245		7,246		
			Discarded	82	12%			23	0%	74	7%	333	70%	7	3%	519	7%	
		Dover sole	Retained	32,655				22,600		93,776		37,287		30,265		216,583		
			Discarded	2,961	8%			984	4%	13,105	12%	2,437	6%	2,710	8%	22,197	9%	
		Logspine thornyheads	Retained	562				-		211		45		50		867		
			Discarded	-	0%			2	100%	72	26%	6	11%	-	0%	80	8%	
		Shortspine thornyheads	Retained	1,037				1,252		2,221		941		2,449		7,901		
			Discarded	2,675	72%			2,486	66%	2,393	52%	55	6%	2,041	45%	9,650	55%	
		Thornyheads	Retained	295				-		216		460		425		1,396		
			Discarded	4	1%			-		349	62%	1,147	71%	-	0%	1,501	52%	
		Sablefish	Retained	9,316				990		6,297		5,156		5,660		27,419		
			Discarded	2,444	21%			6,475	87%	17,117	73%	6,127	54%	3,608	39%	35,772	57%	
		Bocaccio	Retained	51				-		13		2		10		76		
			Discarded	-	0%			-		-	0%	11	84%	-	0%	11	13%	
		Chillipepper	Retained	-				-		6		1		2		8		
			Discarded	18	100%			-		31	84%	74	99%	-	0%	123	94%	
		Canary RKF	Retained	463				-		7		10		3		482		
			Discarded	4	1%			37	100%	88	93%	3	20%	-	0%	132	22%	
		Cowcod	Retained	4				-		-		-		-		4		
			Discarded	-	0%			-		-		-		-		-	0%	
		Widow RKF	Retained	20				-		36		5		19		79		
			Discarded	16	45%			-		-	0%	-	0%	-	0%	16	17%	
		Yellowtail RKF	Retained	7				-		10		3		27		46		
			Discarded	-	0%			643	100%	800	99%	-	0%	2	7%	1,446	97%	
		Yelloweye RKF	Retained	-				-		33		-		-		33		
			Discarded	4	100%			-		-	0%	-		-		4	10%	
		DarkBlotched RKF	Retained	479				43		854		643		38		2,057		
			Discarded	391	45%			18	29%	845	50%	373	37%	1,569	98%	3,195	61%	
		POP	Retained	850				562		2,264		90		929		4,694		
			Discarded	89	9%			45	7%	640	22%	1	1%	5	0%	779	14%	
		Splitnose RKF	Retained	2				56		79		61		25		223		
			Discarded	1,762	100%			221	80%	2,106	96%	2,716	98%	1,805	99%	8,609	97%	
		Black RKF	Retained	-				-		-		-		-		-		
			Discarded	-				-		-		-		-		-		
		Lingcod	Retained	1,206				-		72		518		1,019		2,815		
			Discarded	580	32%			506	100%	1,812	96%	428	45%	446	30%	3,770	57%	
		Pacific Halibut	Retained	-				-		-		-		-		-		
			Discarded	177	100%			9	100%	1,270	100%	-		307	100%	1,763	100%	
Salmon	Retained	-				-		-		-		-		-				
	Discarded	-				66	100%	353	100%	-		-		419	100%			
Shark, Skate	Retained	7,577				533		3,070		3,182		2,650		17,012				
	Discarded	7,072	48%			7,951	94%	15,312	83%	8,952	74%	10,305	80%	49,593	74%			
Sum	Retained	58,363				32,316		122,859		50,877		47,449		311,864				
	Discarded	47,502	45%			30,025	48%	83,983	41%	33,063	39%	38,998	45%	233,570	43%			

Appendix Table II. Continued.

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total	D/(D+R)
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)			
DTS	>200FM	Whiting	Retained	-		-		-		-		-		-		-	
			Discarded	10,891	100%			25,466	100%	13,872	100%	1,281	100%	125	100%	51,635	100%
		Arrowtooth flounder	Retained	90				17,749		20,855		20		135		38,850	
			Discarded	21	19%			7,716	30%	16,360	44%	13,183	100%	9	6%	37,290	49%
		Petrale sole	Retained	7				5,465		1,706		-		-		7,177	
			Discarded	-	0%			176	3%	37	2%	-		-		213	3%
		Dover sole	Retained	32,343				249,849		288,369		51,929		9,285		631,775	
			Discarded	21,660	40%			11,460	4%	24,076	8%	17,751	25%	1,240	12%	76,188	11%
		Logspine thornyheads	Retained	23,555				63,055		152,496		33,536		5,195		277,837	
			Discarded	10,734	31%			10,034	14%	26,967	15%	4,794	13%	774	13%	53,303	16%
		Shortspine thornyheads	Retained	4,986				17,990		33,041		9,514		1,977		67,509	
			Discarded	3,161	39%			5,233	23%	8,804	21%	1,190	11%	85	4%	18,474	21%
		Thornyheads	Retained	13,410				11,721		8,324		65		673		34,193	
			Discarded	3,550	21%			7,713	40%	23,439	74%	7,178	99%	2,884	81%	44,764	57%
		Sablefish	Retained	46,022				69,102		97,904		23,084		4,805		240,916	
			Discarded	1,478	3%			20,713	23%	41,592	30%	10,156	31%	1,990	29%	75,927	24%
		Bocaccio	Retained	-				-		-		-		-		-	
			Discarded	-				-		-		-		-		-	
		Chilipepper	Retained	-				-		-		3		-		3	
			Discarded	0	100%			-		-		-	0%	-		0	5%
		Canary RKF	Retained	-				-		-		-		-		-	
			Discarded	-				31	100%	-		-		-		31	100%
		Cowcod	Retained	-				-		-		-		-		-	
			Discarded	-				-		-		-		-		-	
		Widow RKF	Retained	-				-		-		-		-		-	
			Discarded	-				7	100%	2	100%	-		-		9	100%
		Yellowtail RKF	Retained	-				-		-		-		-		-	
			Discarded	-				-		7	100%	-		-		7	100%
		Yelloweye RKF	Retained	-				-		33		-		-		33	
			Discarded	-				4	100%	-	0%	3	100%	-		7	19%
		DarkBlotched RKF	Retained	8				13		103		88		71		283	
			Discarded	44	85%			393	97%	99	49%	503	85%	1	2%	1,040	79%
		POP	Retained	6				2,769		885		265		5		3,929	
			Discarded	19	78%			498	15%	537	38%	83	24%	-	0%	1,137	22%
		Splitnose RKF	Retained	-				32		28		1		5		66	
			Discarded	2	100%			469	94%	308	92%	33	96%	-	0%	812	92%
		Black RKF	Retained	-				-		-		-		-		-	
			Discarded	-				-		-		-		-		-	
		Lingcod	Retained	-				100		12		30		-		142	
			Discarded	-				59	37%	171	93%	-	0%	-		230	62%
		Pacific Halibut	Retained	-				-		-		-		-		-	
			Discarded	-				1,255	100%	1,003	100%	55	100%	-		2,313	100%
		Salmon	Retained	-				-		-		-		-		-	
			Discarded	-				16	100%	337	100%	-		-		352	100%
		Shark, Skate	Retained	966				3,187		4,453		641		680		9,926	
			Discarded	3,444	78%			23,380	88%	29,738	87%	12,997	95%	937	58%	70,496	88%
		Sum			Retained	121,393				441,032		608,209		119,175		22,830	
			Discarded	55,003	31%			114,623	21%	187,350	24%	69,207	37%	8,045	26%	434,228	25%
Sum for DTS Strategy			Retained	232,727				474,718		782,959		259,991		151,691		1,902,085	
			Discarded	175,823	43%			145,110	23%	318,452	29%	242,793	48%	145,834	49%	1,028,013	35%

Appendix Table II. Continued.

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total	
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)	
Shelf RKF	0-100FM	Whiting	Retained	-		-		-		-		-		-		-	
		Whiting	Discarded	4,097	100%	50,618	100%	-		-		414	100%	20,632	100%	75,761	100%
		Arrowtooth flounder	Retained	70		-		-		-		4		1,044		1,118	
		Arrowtooth flounder	Discarded	348	83%	-		19	100%	11,489	100%	35,221	97%	47,077	98%	47,077	98%
		Petrale sole	Retained	241		25		634		1,793		1,709		4,402		4,402	
		Petrale sole	Discarded	8	3%	2	6%	97	13%	392	18%	1,767	51%	2,266	34%	2,266	34%
		Dover sole	Retained	25		-		106		1,697		15		1,843		1,843	
		Dover sole	Discarded	972	97%	1	100%	18	15%	894	34%	3,390	100%	5,275	74%	5,275	74%
		Logspine thornyheads	Retained	-		-		-		-		-		-		-	
		Logspine thornyheads	Discarded	-		-		-		-		-		-		-	
		Shortspine thornyheads	Retained	10		-		-		2		2		14		14	
		Shortspine thornyheads	Discarded	-	0%	-		-		-	0%	-	0%	-	0%	-	0%
		Thornyheads	Retained	-		-		-		-		-		-		-	
		Thornyheads	Discarded	-		-		-		-		-		-		-	
		Sablefish	Retained	710		-		5		111		80		906		906	
		Sablefish	Discarded	1,497	68%	119	100%	672	99%	659	86%	2,056	96%	5,003	85%	5,003	85%
		Bocaccio	Retained	-		-		-		98		60		158		158	
		Bocaccio	Discarded	-		130	100%	10	100%	-	0%	-	0%	139	47%	139	47%
		Chilipepper	Retained	-		-		-		-		150		150		150	
		Chilipepper	Discarded	-		1	100%	-		-		368	71%	369	71%	369	71%
		Canary RKF	Retained	86		-		226		1,193		1,862		3,368		3,368	
		Canary RKF	Discarded	90	51%	2,702	100%	14	6%	106	8%	161	8%	3,073	48%	3,073	48%
		Cowcod	Retained	-		-		-		-		-		-		-	
		Cowcod	Discarded	-		-		-		-		-		-		-	
		Widow RKF	Retained	31		194,866		-		583		127		195,607		195,607	
		Widow RKF	Discarded	-	0%	38	0%	11	100%	83	12%	-	0%	132	0%	132	0%
		Yellowtail RKF	Retained	3,652		141,669		6,662		30,172		37,659		219,815		219,815	
		Yellowtail RKF	Discarded	4	0%	32,874	19%	-	0%	3,602	11%	-	0%	36,479	14%	36,479	14%
		Yelloweye RKF	Retained	-		-		-		14		8		22		22	
		Yelloweye RKF	Discarded	-		-		-		5	26%	-	0%	5	19%	5	19%
		DarkBlotched RKF	Retained	-		32		-		200		2		234		234	
		DarkBlotched RKF	Discarded	54	100%	56	64%	-		12	6%	179	99%	301	56%	301	56%
		POP	Retained	94		-		-		17		21		132		132	
		POP	Discarded	-	0%	12	100%	-		64	79%	-	0%	76	37%	76	37%
		Splitnose RKF	Retained	-		-		-		2		-		2		2	
		Splitnose RKF	Discarded	-		-		-		1	30%	125	100%	126	98%	126	98%
Black RKF	Retained	-		-		-		-		46		46		46			
Black RKF	Discarded	-		-		-		-		-	0%	-	0%	-	0%		
Lingcod	Retained	106		-		778		202		720		1,805		1,805			
Lingcod	Discarded	923	90%	116	100%	52	6%	207	51%	2,828	80%	4,126	70%	4,126	70%		
Pacific Halibut	Retained	-		27	100%	-		91	100%	345	100%	463	100%	463	100%		
Pacific Halibut	Discarded	-		-		-		-		-		-		-			
Salmon	Retained	-		-		-		-		-		-		-			
Salmon	Discarded	4	100%	207	100%	11	100%	-		66	100%	288	100%	288	100%		
Shark, Skate	Retained	15		10		2,920		400		-		3,345		3,345			
Shark, Skate	Discarded	719	98%	3,263	100%	2,114	42%	1,482	79%	7,211	100%	14,790	82%	14,790	82%		
Sum	Retained	5,040		336,602		11,331		36,489		43,506		432,967		432,967			
Sum	Discarded	8,715	63%	90,166	21%	3,109	22%	19,755	35%	74,004	63%	195,749	31%	195,749	31%		

Appendix Table II. Continued.

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct,	Nov-Dec,	Jan-Feb,	Mar-Apr,	May-Jun,	Jul-Aug,	Total	D/(D+R)			
				2001	2001	2002	2002	2002	2002					
Shelf RKF	100-200FM	Whiting	Retained				-	-	-	-				
			Discarded						8	100%	8	100%		
		Arrowtooth flounder	Retained				100					100		
			Discarded				519	84%	424	100%	1,208	100%	2,151	96%
		Petrale sole	Retained				10				70		119	
			Discarded					0%	39	50%	5	6%	44	27%
		Dover sole	Retained				150				95		245	
			Discarded				52	26%	92	49%	84	100%	229	48%
		Logspine thornyheads	Retained				-				-		-	
			Discarded				-				-		-	
		Shortspine thornyheads	Retained				-				16		16	
			Discarded				59	100%	44	73%	-		102	87%
		Thornyheads	Retained				-				-		-	
			Discarded				-				-		-	
		Sablefish	Retained				-				20		20	
			Discarded				34	100%	11	35%	6	100%	51	72%
		Bocaccio	Retained				-				-		-	
			Discarded				-				-		-	
		Chilipepper	Retained				-				-		-	
			Discarded				-				-		-	
		Canary RKF	Retained						375		4		379	
			Discarded					0%	-		-	0%	-	0%
		Cowcod	Retained				-				-		-	
			Discarded				-				-		-	
		Widow RKF	Retained				-				-		-	
			Discarded				-				-		-	
		Yellowtail RKF	Retained				-			127			127	
			Discarded				-				0%		-	0%
		Yelloweye RKF	Retained				-				-		-	
			Discarded				-				-		-	
		DarkBlotched RKF	Retained				21				-		21	
			Discarded				-	0%	60	100%	-		60	74%
		POP	Retained				15			24			39	
Discarded					-	0%	-	0%	-		-	0%		
Splitnose RKF	Retained				-				-		-			
	Discarded				62	100%	18	100%	-		80	100%		
Black RKF	Retained				-				-		-			
	Discarded				-				-		-			
Lingcod	Retained				200			34			234			
	Discarded				-	0%	15	31%	-		15	6%		
Pacific Halibut	Retained				-				-		-			
	Discarded				-			79	100%		79	100%		
Salmon	Retained				-				-		-			
	Discarded				-				-		-			
Shark, Skate	Retained				80			45			125			
	Discarded				24	23%	31	41%	300	100%	356	74%		
Sum	Retained				951			399		74	1,423			
	Discarded				750	44%	814	67%	1,611	96%	3,175	69%		
SUM for Shelf RKF Strategy			Retained	5,040		336,602		12,281		36,888		434,390		
			Discarded	8,715	63%	90,166	21%	3,859	24%	20,569	36%	75,615	63%	

Appendix Table II. Continued.

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total			
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)	
Slope RKF	0-100FM	Whiting	Retained	-													-		
			Discarded	1,919	100%							38	100%				1,957	100%	
		Arrowtooth flounder	Retained	-														-	
			Discarded	45	100%								344	100%				389	100%
		Petrale sole	Retained	-														-	
			Discarded	31	100%													31	100%
		Dover sole	Retained	-									300					300	
			Discarded	43	100%								28	8%				71	19%
		Logspine thornyheads	Retained	-														-	
			Discarded	-														-	
		Shortspine thornyheads	Retained	-														-	
			Discarded	38	100%								7	100%				45	100%
		Thornyheads	Retained	-														-	
			Discarded	-														-	
		Sablefish	Retained	166									500					666	
			Discarded	-	0%								281	36%				281	30%
		Bocaccio	Retained	-									10					10	
			Discarded	3	100%													3	26%
		Chilipepper	Retained	-									51					51	
			Discarded	-									16	24%				16	24%
		Canary RKF	Retained	-									16					16	
			Discarded	10	100%									0%				10	38%
		Cowcod	Retained	-														-	
			Discarded	-														-	
		Widow RKF	Retained	-									30					30	
			Discarded	5	100%									0%				5	14%
		Yellowtail RKF	Retained	-														-	
			Discarded	203	100%													203	100%
		Yelloweye RKF	Retained	-									7					7	
			Discarded	3	100%									0%				3	27%
		DarkBlotched RKF	Retained	124									1,568					1,691	
			Discarded	-	0%								335	18%				335	17%
		POP	Retained	1,379														1,379	
	Discarded	233	14%													233	14%		
Splitnose RKF	Retained	-									2					2			
	Discarded	18	100%								204	99%				222	99%		
Black RKF	Retained	-														-			
	Discarded	-														-			
Lingcod	Retained	-									60					60			
	Discarded	127	100%								422	88%				549	90%		
Pacific Halibut	Retained	-														-			
	Discarded	-														-			
Salmon	Retained	-														-			
	Discarded	-														-			
Shark, Skate	Retained	50														50			
	Discarded	-	0%								136	100%				136	73%		
Sum		Retained	1,719								2,545					4,264			
		Discarded	2,678	61%							1,811	42%				4,489	51%		

Appendix Table II. Continued.

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total	
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)	
Slope RKF	100-200FM	Whiting	Retained	-		-		-		-		-		-		-	
		Discarded	9,215	100%			1,086	100%	642	100%	53	100%	96	100%	11,092	100%	
		Arrowtooth flounder	Retained	233		150		932		200		540		2,055			
		Discarded	221	49%	582	80%	498	35%	3,363	94%	41	7%	4,705	70%			
		Petrale sole	Retained	50		850		108		20		30		1,057			
		Discarded	-	0%	58	6%	21	16%	2	9%	31	51%	111	10%			
		Dover sole	Retained	450		574		620		1,645		30		3,319			
		Discarded	166	27%	26	4%	126	17%	1,512	48%	258	90%	2,089	39%			
		Logspine thornyheads	Retained	-		-		-		-		-		-			
		Discarded	-		2		-		-		-		-	2	100%		
		Shortspine thornyheads	Retained	34		30		325		-		24		413			
		Discarded	508	94%	141	82%	9	3%	344	100%	-	0%	1,002	71%			
		Thornyheads	Retained	-		-		-		-		-		-			
		Discarded	-		-		105	100%	26	100%	-		131	100%			
		Sablefish	Retained	390		242		217		345		-		1,194			
		Discarded	78	17%	1,259	84%	766	78%	1,320	79%	20	100%	3,442	74%			
		Bocaccio	Retained	-		-		-		-		-		70	100%		
		Discarded	-		47	100%	-		-		23	100%	-	-			
		Chilipepper	Retained	-		-		-		5		-		5			
		Discarded	-		873	100%	-		10	68%	-		883	99%			
		Canary RKF	Retained	-		-		-		-		-		-			
		Discarded	-		50	100%	-		77	100%	-		127	100%			
		Cowcod	Retained	-		-		-		-		-		-			
		Discarded	-		-		-		-		-		-	-			
		Widow RKF	Retained	-		-		-		2		-		2			
		Discarded	-		4	100%	15	100%	22	91%	16	100%	58	96%			
		Yellowtail RKF	Retained	-		-		-		-		-		-			
		Discarded	-		46	100%	-		25	100%	-		71	100%			
		Yelloweye RKF	Retained	-		-		-		-		-		-			
		Discarded	-		5	100%	-		-		-		5	100%			
		DarkBlotched RKF	Retained	28		747		48		1,173		64		2,059			
		Discarded	1,163	98%	1,197	62%	-	0%	1,966	63%	-	0%	4,326	68%			
		POP	Retained	1,066		6,870		4,569		14,044		2,167		28,715			
Discarded	8	1%	448	6%	261	5%	1,978	12%	-	0%	2,696	9%					
Splitnose RKF	Retained	63		8		109		45		82		307					
Discarded	2,171	97%	1,550	99%	300	73%	4,666	99%	0	0%	8,687	97%					
Black RKF	Retained	-		-		-		-		-		-					
Discarded	-		-		-		-		-		-	-					
Lingcod	Retained	54		-		-		60		20		134					
Discarded	5	8%	291	100%	29	100%	181	75%	-	0%	505	79%					
Pacific Halibut	Retained	-		-		-		-		-		-					
Discarded	-		60	100%	26	100%	11	100%	-		97	100%					
Salmon	Retained	-		-		-		-		-		-					
Discarded	-		88	100%	-		-		-		88	100%					
Shark, Skate	Retained	-		1,045		418		272		-		1,735					
Discarded	434	100%	945	47%	7,541	95%	2,069	88%	576	100%	11,566	87%					
Sum	Retained	2,366		10,516		7,345		17,810		2,957		40,995					
Discarded	13,969	86%	8,757	45%	10,340	58%	17,626	50%	1,061	26%	51,753	56%					

Appendix Table II. Continued.

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total	D/R	
					D/R		D/R		D/R		D/R		D/R		D/R			
Slope RKF	>200FM	Whiting	Retained	-												-		
			Discarded	310	100%												310	100%
		Arrowtooth flounder	Retained	-													-	
			Discarded	-													-	
		Petrale sole	Retained	202													202	
			Discarded	-	0%												-	0%
		Dover sole	Retained	-													-	
			Discarded	762	100%												762	100%
		Logspine thornyheads	Retained	-													-	
			Discarded	-													-	
		Shortspine thornyheads	Retained	-													-	
			Discarded	114	100%												114	100%
		Thornyheads	Retained	-													-	
			Discarded	-													-	
		Sablefish	Retained	-													-	
			Discarded	571	100%												571	100%
		Bocaccio	Retained	-													-	
			Discarded	-													-	
		Chilipepper	Retained	-													-	
			Discarded	-													-	
		Canary RKF	Retained	-													-	
			Discarded	-													-	
		Cowcod	Retained	-													-	
			Discarded	-													-	
		Widow RKF	Retained	-													-	
			Discarded	-													-	
		Yellowtail RKF	Retained	-													-	
			Discarded	-													-	
		Yelloweye RKF	Retained	-													-	
			Discarded	-													-	
		DarkBlotched RKF	Retained	-													-	
			Discarded	-													-	
POP	Retained	-													-			
	Discarded	-													-			
Splitnose RKF	Retained	-													-			
	Discarded	-													-			
Black RKF	Retained	-													-			
	Discarded	-													-			
Lingcod	Retained	-													-			
	Discarded	-													-			
Pacific Halibut	Retained	-													-			
	Discarded	-													-			
Salmon	Retained	-													-			
	Discarded	-													-			
Shark, Skate	Retained	-													-			
	Discarded	66	100%												66	100%		
Sum				202											202			
				1,823	90%										1,823	90%		
Sum for Slope RKF Strategy				4,287				10,516		7,345		20,355		2,957		45,461		
				18,470	81%			8,757	45%	10,340	58%	19,437	49%	1,061	26%	58,065	56%	

Appendix Table II. Continued.

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001	D/(D+R)	Nov-Dec, 2001	D/(D+R)	Jan-Feb, 2002	D/(D+R)	Mar-Apr, 2002	D/(D+R)	May-Jun, 2002	D/(D+R)	Jul-Aug, 2002	D/(D+R)	Total	D/(D+R)
Flatfish	0-100FM	Whiting	Retained	-		-		-		-		-		1,526		1,526	
			Discarded	69,349	100%	51,606	100%	380	100%	9,368	100%	130,175	100%	138,162	99%	399,041	100%
		Arrowtooth flounder	Retained	16,880		-		-		1,643		143,140		196,025		357,687	
			Discarded	15,052	47%	930	100%	317	100%	11,993	88%	85,362	37%	161,819	45%	275,472	44%
		Petrale sole	Retained	21,232		7,376		688		32,493		96,234		86,715		244,738	
			Discarded	2,996	12%	389	5%	91	12%	4,438	12%	23,003	19%	20,399	19%	51,316	17%
		Dover sole	Retained	5,181		-		-		4,975		41,720		22,545		74,421	
			Discarded	35,134	87%	2,599	100%	34	100%	7,106	59%	17,027	29%	25,180	53%	87,080	54%
		Logspine thornyheads	Retained	-		-		-		-		-		-		-	
			Discarded	-		-		-		-		-		-		-	
		Shortspine thornyheads	Retained	410		-		-		-		22		140		572	
			Discarded	924	69%	-		1	100%	15	100%	29	57%	240	63%	1,209	68%
		Thornyheads	Retained	122		-		-		-		-		-		122	
			Discarded	19	14%	-		-		-		-		-		19	14%
		Sablefish	Retained	5,390		-		-		492		4,446		2,877		13,204	
			Discarded	45,615	89%	1,151	100%	56	100%	17,176	97%	122,445	96%	251,332	99%	437,776	97%
		Bocaccio	Retained	25		-		-		113		45		1,687		1,871	
			Discarded	4	13%	2	100%	11	100%	705	86%	10	18%	-	0%	732	28%
		Chilipepper	Retained	-		-		-		-		7		-		7	
			Discarded	159	100%	-		4	100%	792	100%	273	97%	1,216	100%	2,444	100%
		Canary RKF	Retained	344		-		-		1,048		1,937		3,431		6,760	
			Discarded	487	59%	646	100%	639	100%	1,994	66%	559	22%	443	11%	4,768	41%
		Cowcod	Retained	-		-		-		-		-		-		-	
			Discarded	-		-		-		-		-		-		-	
		Widow RKF	Retained	100		4		-		118		16		50		288	
			Discarded	5	5%	-	0%	22	100%	113	49%	-	0%	1	1%	141	33%
		Yellowtail RKF	Retained	1,407		610		-		2,591		6,439		7,407		18,455	
			Discarded	16	1%	755	55%	3,290	100%	694	21%	1,640	20%	50	1%	6,445	26%
		Yelloweye RKF	Retained	17		-		-		17		-		81		116	
			Discarded	-	0%	-		115	100%	4	18%	-		19	19%	138	54%
		DarkBlotched RKF	Retained	47		-		-		-		9		15		70	
			Discarded	959	95%	-		10	100%	531	100%	767	99%	209	94%	2,476	97%
		POP	Retained	81		-		-		-		181		703		966	
			Discarded	2	2%	-		11	100%	15	100%	-	0%	3	0%	30	3%
		Splitnose RKF	Retained	4		-		-		-		-		-		4	
			Discarded	139	97%	31	100%	-		98	100%	11	100%	1,330	100%	1,609	100%
		Black RKF	Retained	214		-		-		-		-		-		214	
			Discarded	45	17%	714	100%	-		-		-		-		759	78%
		Lingcod	Retained	1,090		213		54		1,495		4,913		4,858		12,623	
			Discarded	4,077	79%	3,164	94%	638	92%	3,563	70%	9,287	65%	38,712	89%	59,442	82%
		Pacific Halibut	Retained	-		-		-		-		-		-		-	
			Discarded	45	100%	41	100%	151	100%	2,077	100%	5,720	100%	2,844	100%	10,879	100%
		Salmon	Retained	4		-		-		-		-		-		4	
			Discarded	193	98%	293	100%	150	100%	818	100%	91	100%	543	100%	2,089	100%
		Shark, Skate	Retained	48,363		20,972		14,963		74,419		55,980		43,108		257,805	
			Discarded	29,512	38%	24,634	54%	7,878	34%	70,243	49%	133,941	71%	133,206	76%	399,415	61%
		Sum		Retained	100,911		29,176		15,705		119,405		355,090		371,169		991,454
Discarded	204,733			67%	86,956	75%	13,799	47%	131,743	52%	530,342	60%	775,708	68%	1,743,281	64%	

Appendix Table II. Continued.

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total	D/(D+R)	
				D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)							
Flatfish	100-200FM	Whiting	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Discarded	15,505	100%	10,375	100%	2,595	100%	923	100%	5	100%	757	100%	30,160	100%	
		Arrowtooth flounder	Retained	27,783		917		7,244		13,554		406		53,450		103,354		
			Discarded	2,451	8%	2,545	74%	12,475	63%	8,021	37%	1,447	78%	1,402	3%	28,341	22%	
		Petrale sole	Retained	7,383		53,567		110,867		7,597		55		18		179,487		
			Discarded	237	3%	192	0%	168	0%	737	9%	1,183	96%	59	77%	2,575	1%	
		Dover sole	Retained	1,330		1,314		7,030		7,809		332		7,765		25,580		
			Discarded	16,347	92%	5,422	80%	2,036	22%	4,162	35%	1,224	79%	539	6%	29,731	54%	
		Logspine thornyheads	Retained	-		-		-		-		-		-		-		
			Discarded	43	100%	11	100%	26	100%	3	100%	33	100%	-		116	100%	
		Shortspine thornyheads	Retained	1,106		-		455		320		2		329		2,211		
			Discarded	3,157	74%	69	100%	827	65%	703	69%	136	99%	58	15%	4,951	69%	
		Thornyheads	Retained	-		-		10		847		-		1		858		
			Discarded	-		84	100%	466	98%	-	0%	-		-	0%	549	39%	
		Sablefish	Retained	5,817		-		1,207		636		211		2,320		10,190		
			Discarded	7,299	56%	3,954	100%	8,179	87%	4,444	87%	892	81%	1,671	42%	26,439	72%	
		Bocaccio	Retained	-		-		-		10		-		-		10		
			Discarded	-		-		156	100%	-	0%	-		-		156	94%	
		Chilipepper	Retained	-		-		-		-		-		-		-		
			Discarded	5	100%	-		83	100%	1	100%	-		-		89	100%	
		Canary RKF	Retained	5		-		-		170		-		5		179		
			Discarded	19	79%	16	100%	186	100%	211	55%	15	100%	-	0%	446	71%	
		Cowcod	Retained	-		-		-		-		-		-		-		
			Discarded	-		-		-		7	100%	-		-		7	100%	
		Widow RKF	Retained	3		-		-		13		-		-		15		
			Discarded	-	0%	24	100%	43	100%	8	39%	-		-		74	83%	
		Yellowtail RKF	Retained	-		-		-		32		-		15		47		
			Discarded	-		-		10	100%	303	91%	-		-	0%	313	87%	
		Yelloweye RKF	Retained	2		-		-		-		-		-		2		
			Discarded	-	0%	-		3	100%	5	100%	-		-		8	78%	
		DarkBlotched RKF	Retained	88		11		345		6		61		37		548		
			Discarded	4,636	98%	5,623	100%	1,479	81%	794	99%	109	64%	48	57%	12,688	96%	
		POP	Retained	695		-		1,690		1,645		226		3,574		7,830		
			Discarded	548	44%	187	100%	352	17%	176	10%	187	45%	-	0%	1,449	16%	
		Splitnose RKF	Retained	2		-		14		1		5		49		71		
			Discarded	477	100%	25	100%	3,108	100%	981	100%	736	99%	62	56%	5,389	99%	
		Black RKF	Retained	-		-		-		-		-		-		-		
			Discarded	-		-		-		-		-		-		-		
		Lingcod	Retained	50		37		19		684		124		50		965		
			Discarded	115	70%	228	86%	630	97%	1,200	64%	138	53%	160	76%	2,472	72%	
		Pacific Halibut	Retained	-		-		-		-		-		-		-		
			Discarded	41	100%	278	100%	2,675	100%	342	100%	16	100%	-		3,352	100%	
		Salmon	Retained	-		-		-		-		-		-		-		
			Discarded	23	100%	62	100%	308	100%	1,874	100%	-		-		2,267	100%	
		Shark, Skate	Retained	1,713		1,125		5,735		9,052		31		300		17,956		
			Discarded	3,234	65%	4,026	78%	17,516	75%	8,958	50%	1,805	98%	11,134	97%	46,674	72%	
		Sum	Retained	45,975		56,971		134,616		42,374		1,453		67,914		349,302		
Discarded	54,138		54%	33,118	37%	53,321	28%	33,851	44%	7,926	85%	15,892	19%	198,246	36%			

Appendix Table II. Continued.

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total	
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)	
Flatfish	>200FM	Whiting	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Discarded	6,343	100%	1,130	100%	-	-	-	-	44	100%	7,517	100%		
		Arrowtooth flounder	Retained	43,904	-	74,827	-	-	-	4,000	-	-	-	122,731	-		
			Discarded	7,014	14%	14,281	16%	-	-	-	-	-	0%	21,294	15%		
		Petrale sole	Retained	73,793	-	355	-	-	-	-	-	-	-	74,148	-		
			Discarded	321	0%	4	1%	-	-	-	-	-	-	325	0%		
		Dover sole	Retained	7,386	-	11,935	-	-	-	325	-	-	-	19,646	-		
			Discarded	3,872	34%	307	3%	-	-	13	4%	-	-	4,192	18%		
		Logspine thornyheads	Retained	-	-	-	-	-	-	-	-	-	-	-	-		
			Discarded	6	100%	393	100%	-	-	-	-	-	-	399	100%		
		Shortspine thornyheads	Retained	505	-	1,278	-	-	-	-	-	-	-	1,783	-		
			Discarded	375	43%	1,222	49%	-	-	-	-	-	-	1,598	47%		
		Thornyheads	Retained	-	-	25	-	-	-	1,053	-	-	-	1,078	-		
			Discarded	7	100%	233	90%	-	-	136	11%	-	-	376	26%		
		Sablefish	Retained	4,207	-	1,960	-	-	-	200	-	-	-	6,367	-		
			Discarded	6,450	61%	4,951	72%	-	-	1,235	86%	-	-	12,635	66%		
		Bocaccio	Retained	-	-	-	-	-	-	-	-	-	-	-	-		
			Discarded	18	100%	-	-	-	-	-	-	-	-	18	100%		
		Chilipepper	Retained	-	-	-	-	-	-	-	-	-	-	-	-		
			Discarded	-	-	1	100%	-	-	-	-	-	-	1	100%		
		Canary RKF	Retained	34	-	-	-	-	-	-	-	-	-	34	-		
			Discarded	5	13%	-	-	-	-	-	-	-	-	5	13%		
		Cowcod	Retained	-	-	-	-	-	-	-	-	-	-	-	-		
			Discarded	-	-	-	-	-	-	-	-	-	-	-	-		
		Widow RKF	Retained	-	-	-	-	-	-	-	-	-	-	-	-		
			Discarded	41	100%	68	100%	-	-	-	-	-	-	108	100%		
		Yellowtail RKF	Retained	-	-	-	-	-	-	-	-	-	-	-	-		
			Discarded	11	100%	-	-	-	-	-	-	-	-	11	100%		
		Yelloweye RKF	Retained	-	-	-	-	-	-	-	-	-	-	-	-		
			Discarded	-	-	-	-	-	-	-	-	-	-	-	-		
		Dark Blotched RKF	Retained	27	-	-	-	-	-	-	-	-	-	27	-		
			Discarded	848	97%	35	100%	-	-	-	-	-	-	883	97%		
		POP	Retained	1,587	-	400	-	-	-	-	-	-	-	1,987	-		
	Discarded	198	11%	4	1%	-	-	-	-	-	-	202	9%				
Splitnose RKF	Retained	15	-	-	-	-	-	-	-	-	-	15	-				
	Discarded	427	97%	606	100%	-	-	-	-	-	-	1,033	99%				
Black RKF	Retained	-	-	-	-	-	-	-	-	-	-	-	-				
	Discarded	-	-	-	-	-	-	-	-	-	-	-	-				
Lingcod	Retained	70	-	20	-	-	-	-	-	-	-	90	-				
	Discarded	461	87%	-	0%	-	-	-	-	-	-	461	84%				
Pacific Halibut	Retained	-	-	-	-	-	-	-	-	-	-	-	-				
	Discarded	575	100%	3,413	100%	-	-	-	-	-	-	3,988	100%				
Salmon	Retained	-	-	-	-	-	-	-	-	-	-	-	-				
	Discarded	3,483	100%	95	100%	-	-	-	-	-	-	3,577	100%				
Shark, Skate	Retained	5,677	-	259	-	-	-	-	-	-	-	5,936	-				
	Discarded	9,508	63%	7,459	97%	-	-	529	100%	-	-	17,496	75%				
	Sum	Retained	137,205	-	91,059	-	-	5,578	-	-	-	233,841	-				
		Discarded	39,962	23%	34,201	27%	-	1,957	26%	-	-	76,120	25%				
SUM for Shelf RKF Strategy			Retained	146,885	-	86,147	-	287,526	-	252,837	-	356,542	-	444,660	-	1,574,598	-
			Discarded	258,871	64%	120,075	58%	107,082	27%	199,795	44%	538,267	60%	793,557	64%	2,017,648	56%
All strategies, depth ranges, and species				388,939	-	422,749	-	774,961	-	1,055,423	-	673,776	-	651,492	-	3,967,339	-
				470,129	55%	210,481	33%	263,644	25%	533,082	34%	821,146	55%	1,030,131	61%	3,328,614	46%

Appendix Table III.

Retained (R) and discarded (D) landings (lbs) and percent of discard, D/(R+D), for the 23 selected species obtained from the observer data in South of 41°10', September, 2001 - August, 2002, by target strategy, depth range, and period. Non GF = Tow with no groundfish retained, no catch in the net or all catch was discarded.

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total			
				D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)	D/(D+R)				
Non GF	0-100FM	Whiting	Retained																
			Discarded																
		Arrowtooth flounder	Retained																
			Discarded																
		Petrale sole	Retained					-						-					
			Discarded					97	100%					3	100%		100	100%	
		Dover sole	Retained					-											
			Discarded					98	100%								98	100%	
		Logspine thornyheads	Retained																
			Discarded																
		Shortspine thornyheads	Retained																
			Discarded																
		Thornyheads	Retained																
			Discarded																
		Sablefish	Retained							-									
			Discarded							591	100%						591	100%	
		Bocaccio	Retained																
			Discarded																
		Chilipepper	Retained							-									
			Discarded							29	100%						29	100%	
		Canary RKF	Retained																
			Discarded																
		Cowcod	Retained																
	Discarded																		
Widow RKF	Retained																		
	Discarded																		
Yellowtail RKF	Retained																		
	Discarded																		
Yelloweye RKF	Retained																		
	Discarded																		
DarkBlotched RKF	Retained																		
	Discarded																		
POP	Retained																		
	Discarded																		
Splitnose RKF	Retained																		
	Discarded																		
Black RKF	Retained																		
	Discarded																		
Lingcod	Retained							-											
	Discarded							17	100%						17	100%			
Pacific Halibut	Retained																		
	Discarded																		
Salmon	Retained							-											
	Discarded							59	100%						59	100%			
Shark, Skate	Retained							15,100							15,100				
	Discarded							5,930	28%					173	100%	6,223	29%		
Sum for 0-100FM	Retained							15,100						-	15,100				
	Discarded							6,762	31%					176	100%	7,117	32%		

Appendix Table III. Continued

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct,	Nov-Dec,	Jan-Feb,	Mar-Apr,	May-Jun,	Jul-Aug,	Total	D/(D+R)
				2001	2001	2002	2002	2002	2002		
Non GF	100-200FM	Whiting	Retained Discarded				- 326			- 326	
		Arrowtooth flounder	Retained Discarded								
		Petrale sole	Retained Discarded								
		Dover sole	Retained Discarded				- 3			- 3	
		Logspine thornyheads	Retained Discarded				- 2			- 2	
		Shortspine thornyheads	Retained Discarded				- 25			- 25	
		Thornyheads	Retained Discarded								
		Sablefish	Retained Discarded				- 4			- 4	
		Bocaccio	Retained Discarded								
		Chilipepper	Retained Discarded								
		Canary RKF	Retained Discarded								
		Cowcod	Retained Discarded								
		Widow RKF	Retained Discarded								
		Yellowtail RKF	Retained Discarded								
		Yelloweye RKF	Retained Discarded								
		DarkBlotched RKF	Retained Discarded								
		POP	Retained Discarded								
		Splitnose RKF	Retained Discarded				- 278			- 278	
		Black RKF	Retained Discarded								
		Lingcod	Retained Discarded				- 635			- 635	
		Pacific Halibut	Retained Discarded								
		Salmon	Retained Discarded								
		Shark, Skate	Retained Discarded								
	Sum for 100-200FM	Retained Discarded					- 1,273		- 1,273		

Appendix Table III. Continued

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total	D/(D+R)	
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)				
Non GF	>200FM	Whiting	Retained Discarded							- 297	100%	- 187	100%	- -	- -	- 484	100%	
		Arrowtooth flounder	Retained Discarded															
		Petrale sole	Retained Discarded															
		Dover sole	Retained Discarded							- 11	100%	- -	- 809	100%	- -	- -	- 820	100%
		Logspine thornyheads	Retained Discarded							- -		- -	- 230	100%	- -	- -	- 230	100%
		Shortspine thornyheads	Retained Discarded							- 75	100%	- -	- -	- 32	100%	- -	- 108	100%
		Thornyheads	Retained Discarded															
		Sablefish	Retained Discarded							- 11	100%	- -	- -	- 56	100%	- -	- 67	100%
		Bocaccio	Retained Discarded							- 18	100%	- -	- -	- -	- -	- -	- 18	100%
		Chilipepper	Retained Discarded															
		Canary RKF	Retained Discarded															
		Cowcod	Retained Discarded															
		Widow RKF	Retained Discarded								- 3	100%	- -	- -	- -	- -	- 3	100%
		Yellowtail RKF	Retained Discarded															
		Yelloweye RKF	Retained Discarded															
		DarkBlotched RKF	Retained Discarded															
		POP	Retained Discarded															
		Splitnose RKF	Retained Discarded								- 407	100%	- -	- -	- -	- -	- 407	100%
		Black RKF	Retained Discarded															
		Lingcod	Retained Discarded								- 105	100%	- -	- -	- -	- -	- 105	100%
		Pacific Halibut	Retained Discarded															
		Salmon	Retained Discarded															
		Shark, Skate	Retained Discarded												- 40	100%	- 40	100%
	Sum for >200FM	Retained Discarded							- 928	100%	- 187	100%	- 1,167	100%	- -	- 2,282	100%	
Sum for Non GF Strategy									- 179	100%	- 6,762	31%	- 2,201	100%	- 187	100%	15,100 10,672	0% 41%

Appendix Table III. Continued

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total		
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)
DTS	100-200FM	Whiting	Retained	-														
			Discarded	8,760	100%				1,486	100%	1,717	100%	282	100%	12,245	100%		
		Arrowtooth flounder	Retained															
			Discarded						20	100%	147	100%	82	100%	248	100%		
		Petrale sole	Retained	48					75		155				278			
			Discarded	-	0%				2	2%	1	0%			2	1%		
		Dover sole	Retained	-					8,500		10,648			8,370	27,518			
			Discarded	951	100%				852	9%	76	1%	432	5%	2,311	8%		
		Logspine thornyheads	Retained	-					12		189			50	251			
			Discarded	79	100%				17		6	3%	-	0%	102	29%		
		Shortspine thornyheads	Retained						307		597			305	1,209			
			Discarded						206	40%	52	8%	92	23%	350	22%		
		Thornyheads	Retained															
			Discarded															
		Sablefish	Retained	745					1,227		1,069			1,498	4,539			
			Discarded	4,895	87%				216	15%	530	33%	130	8%	5,772	56%		
		Bocaccio	Retained								160			-	160			
			Discarded								-	0%	139	100%	139	47%		
		Chilipepper	Retained	140							527			-	666			
			Discarded	-	0%						48	8%	131	100%	179	21%		
		Canary RKF	Retained								75				75			
			Discarded								-	0%			-	0%		
		Cowcod	Retained															
			Discarded								31	100%			31	100%		
		Widow RKF	Retained															
			Discarded						3	100%			9	100%	12	100%		
		Yellowtail RKF	Retained															
			Discarded															
		Yelloweye RKF	Retained															
			Discarded															
		DarkBlotched RKF	Retained															
			Discarded								1	100%	3	1%	46	57%	50	11%
POP	Retained																	
	Discarded										2	3	5					
Splitnose RKF	Retained	256					20		19			252	548					
	Discarded	2,398	90%				173	90%	193	91%	442	64%	3,206	85%				
Black RKF	Retained																	
	Discarded																	
Lingcod	Retained																	
	Discarded								64	100%	28	29%	173	100%	266	79%		
Pacific Halibut	Retained																	
	Discarded																	
Salmon	Retained																	
	Discarded																	
Shark, Skate	Retained								1,050				1,050					
	Discarded								2,102	67%	3,516	100%	727	100%	6,346	86%		
Sum for 100-200FM	Retained		1,189						11,191		13,898		10,513	36,791				
	Discarded		17,084	93%					5,142	31%	6,347	31%	2,684	20%	31,258	46%		

Appendix Table III. Continued

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total		
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)
DTS	>200FM	Whiting	Retained Discarded	- 1,966	100%	- -	- -	1,191 -	100%	5,754 -	100%	3,631 -	100%	5,479 -	100%	18,021 -	100%	
		Arrowtooth flounder	Retained Discarded	- -	- -	- -	- -	92 -	100%	2 -	100%	222 -	39%	350 -	5%	478,334 92,233	16%	
		Petrale sole	Retained Discarded	1 -	0%	162 -	0%	20 -	0%	5 -	0%	16 -	76%	188 16	8%			
		Dover sole	Retained Discarded	13,500 4,410	25%	50,519 41,277	45%	100,266 26,521	21%	75,904 6,603	8%	238,145 13,422	5%	478,334 92,233	16%			
		Logspine thornyheads	Retained Discarded	8,252 442	5%	23,833 4,910	17%	33,693 15,497	32%	33,682 4,575	12%	88,438 10,927	11%	187,898 36,352	16%			
		Shortspine thornyheads	Retained Discarded	2,805 -	0%	9,471 5,809	38%	11,267 7,161	39%	7,222 146	2%	21,934 3,274	13%	52,699 16,389	24%			
		Thornyheads	Retained Discarded	- -	- -	4,707 -	100%	5,240 -	100%	6,131 -	42%	3,212 100	97%	19,290 8,589	69%			
		Sablefish	Retained Discarded	3,002 2,137	42%	9,902 12,503	56%	20,210 20,690	51%	14,049 6,203	31%	43,694 21,418	33%	90,857 62,951	41%			
		Bocaccio	Retained Discarded	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
		Chilipepper	Retained Discarded	- -	- -	- -	- -	0 -	100%	9 -	100%	- -	- -	- -	- -	9 -	100%	
		Canary RKF	Retained Discarded	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
		Cowcod	Retained Discarded	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
		Widow RKF	Retained Discarded	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
		Yellowtail RKF	Retained Discarded	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
		Yelloweye RKF	Retained Discarded	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
		DarkBlotched RKF	Retained Discarded	- -	- -	- -	- -	- -	- -	31 1	100%	2 3	8%	33 21	40%			
		POP	Retained Discarded	- -	- -	- -	- -	- -	- -	- -	- -	5 2	31%	5 2	31%			
		Splitnose RKF	Retained Discarded	- -	- -	24 57	70%	451 471	51%	317 8	3%	92 22	19%	884 558	39%			
		Black RKF	Retained Discarded	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
		Lingcod	Retained Discarded	- -	- -	- -	- -	- -	- -	- -	- -	3 -	100%	- -	- -	3 -	100%	
		Pacific Halibut	Retained Discarded	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
		Salmon	Retained Discarded	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
		Shark, Skate	Retained Discarded	- 2,597	100%	69 10,099	99%	2,613 11,593	82%	350 6,855	95%	- 17,954	100%	3,032 49,098	94%			
		Sum for >200FM	Retained Discarded	27,559 11,553	30%	93,820 80,554	46%	168,663 93,019	36%	140,064 34,167	20%	392,764 75,974	16%	822,869 295,266	26%			
		Sum for DTS Strategy		28,747 28,637	50%	93,820 80,554	46%	181,963 99,641	35%	157,962 42,618	21%	403,277 78,658	16%	865,769 330,108	28%			

Appendix Table III. Continued

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total			
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)	
Shelf RKF	0-100FM	Whiting	Retained	-						-							-		
			Discarded	254	100%					971	100%	28,671	100%				29,896	100%	
		Arrowtooth flounder	Retained															-	
			Discarded							56	100%	6	100%				62	100%	
		Petrale sole	Retained	250		700		390		265		526					2,130		
			Discarded	2	1%	-	0%	36	8%	27	9%	3	1%				68	3%	
		Dover sole	Retained	-						592							592		
			Discarded	5	100%			213	100%	35	6%	2,535	100%				2,787	82%	
		Logspine thornyheads	Retained																
			Discarded																
		Shortspine thornyheads	Retained																
			Discarded	4	100%												4	100%	
		Thornyheads	Retained																
			Discarded																
		Sablefish	Retained					1,805		300		1,720					3,825		
			Discarded	159	100%	22	100%	7,404	80%	524	64%	24,255	93%				32,364	89%	
		Bocaccio	Retained					300		492		400					1,192		
			Discarded	66	100%	246	100%	329	52%	74	13%	4,430	92%				5,146	81%	
		Chilipepper	Retained	300		1,000		1,908		7,133		22,359					32,701		
			Discarded	66	18%	1,026	51%	10,882	85%	1,593	18%	9,338	29%				22,905	41%	
		Canary RKF	Retained	25						91							116		
			Discarded	1	5%						0%						1	1%	
		Cowcod	Retained																
			Discarded							12	100%	186	100%				198	100%	
		Widow RKF	Retained							6							6		
			Discarded								0%							0%	
		Yellowtail RKF	Retained																
			Discarded																
		Yelloweye RKF	Retained							1							1		
			Discarded								0%							0%	
		DarkBlotched RKF	Retained									18					18		
			Discarded							1	100%	62	78%				63	78%	
POP	Retained																		
	Discarded																		
Splitnose RKF	Retained																		
	Discarded					134	100%			480	100%				615	100%			
Black RKF	Retained																		
	Discarded																		
Lingcod	Retained	80				90		1,569		120					1,859				
	Discarded	21	21%	21	100%	232	72%	790	33%	467	80%				1,532	45%			
Pacific Halibut	Retained																		
	Discarded																		
Salmon	Retained																		
	Discarded							10							21	100%			
Shark, Skate	Retained					132		281		750					1,163				
	Discarded	193	100%	80	100%	2,895	96%	1,926	87%	17,166	96%				22,260	95%			
Sum for 0-100FM	Retained	655		1,700		4,625		10,729		25,892					43,602				
	Discarded	773	54%	1,406	45%	22,125	83%	6,019	36%	87,599	77%				117,922	73%			

Appendix Table III. Continued

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001	D/(D+R)	Nov-Dec, 2001	D/(D+R)	Jan-Feb, 2002	D/(D+R)	Mar-Apr, 2002	D/(D+R)	May-Jun, 2002	D/(D+R)	Jul-Aug, 2002	D/(D+R)	Total	D/(D+R)
Shelf RKF	100-200FM	Whiting	Retained	-		-		-		-		40				40	
			Discarded	226	100%			648	100%	274	100%	2,058	98%			3,207	99%
		Arrowtooth flounder	Retained					61	100%	25	100%	38	100%			124	100%
			Discarded					230		45		300				1,227	
		Petrale sole	Retained	652				8	3%	8	16%	9	3%			28	2%
			Discarded	3	0%			-		-		30				30	
		Dover sole	Retained	-				142	100%			335	92%			505	94%
			Discarded	28	100%			-		-		-				-	
		Logspine thornyheads	Retained	-				-		1	100%	-				1	100%
			Discarded	-				-		-		-				-	
		Shortspine thornyheads	Retained	-				6		-		300				306	
			Discarded	10	100%			8	58%	-		-	0%			18	6%
		Thornyheads	Retained	-				-		-		-				-	
			Discarded	-				-		-		68	100%			68	100%
		Sablefish	Retained	-				1,400		-		-				1,400	
			Discarded	278	100%			1,633	54%	3	100%	28	100%			1,942	58%
		Bocaccio	Retained	-				232		-		400				632	
			Discarded	119	100%			-	0%	649	100%	557	58%			1,326	68%
		Chilipepper	Retained	2,636				7,500		541		1,250				11,927	
			Discarded	221	8%			1,265	14%	1,201	69%	231	16%			2,918	20%
		Canary RKF	Retained	9				35		-		4				48	
			Discarded	-	0%			-	0%	-		-	0%			-	0%
		Cowcod	Retained	-				-		-		-				-	
			Discarded	1	100%			1	100%	230	100%	35	100%			268	100%
		Widow RKF	Retained	-				110		-		91				201	
			Discarded	-				-	0%	28	100%	-	0%			28	12%
		Yellowtail RKF	Retained														
			Discarded														
		Yelloweye RKF	Retained									-				-	
			Discarded									1	100%			1	100%
		DarkBlotched RKF	Retained	2								-				2	
			Discarded	-	0%							13	100%			13	89%
		POP	Retained														
	Discarded																
Splitnose RKF	Retained	26				25		11		50				112			
	Discarded	101	80%			287	92%	25	70%	24	32%			437	80%		
Black RKF	Retained																
	Discarded																
Lingcod	Retained	26				100		-		130				256			
	Discarded	94	78%			92	48%	678	100%	-	0%			864	77%		
Pacific Halibut	Retained																
	Discarded																
Salmon	Retained					-								-			
	Discarded					22	100%							22	100%		
Shark, Skate	Retained	2,144				-		-		30				2,174			
	Discarded	5,320	71%			792	100%	189	100%	1,387	98%			7,689	78%		
Sum for 100-200FM	Retained	5,495				9,637		597		2,625				18,354			
	Discarded	6,402	54%			4,960	34%	3,312	85%	4,784	65%			19,458	51%		
Sum for Shelf RKF Strategy		6,150		1,700		14,262		11,326		28,518				61,955			
		7,174	54%	1,406	45%	27,085	66%	9,332	45%	92,383	76%			137,380	69%		

Appendix Table III. Continued

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total	
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)	
Slope RKF	100-200FM	Whiting	Retained	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Whiting	Discarded		2,743	100%	2,546	100%	2,325	100%	500	100%	79	100%	8,193	100%	
		Arrowtooth flounder	Retained								3				3		
		Arrowtooth flounder	Discarded				0	100%	9	100%	0	9%			10	77%	
		Petrale sole	Retained	120		1,200		2,059		-		2		8		3,388	
		Petrale sole	Discarded		0%		0%	34	2%	26	100%		0%	2	19%	62	2%
		Dover sole	Retained					358				105		43		507	
		Dover sole	Discarded	10	100%	3,137	100%	247	41%	215	100%	666	86%	35	45%	4,310	89%
		Logspine thornyheads	Retained									0	100%			0	100%
		Logspine thornyheads	Discarded														
		Shortspine thornyheads	Retained					79				8				87	
		Shortspine thornyheads	Discarded			494	100%	126	62%	159	100%	21	72%			800	90%
		Thornyheads	Retained											15		15	
		Thornyheads	Discarded			151	100%			126	100%				0%	277	95%
		Sablefish	Retained					570		80		206		20		875	
		Sablefish	Discarded	44	100%	5,008	100%	1,003	64%	674	89%	57	22%	283	93%	7,069	89%
		Bocaccio	Retained									19				19	
		Bocaccio	Discarded			828	100%	125	100%	266	100%		0%			1,220	98%
		Chilipepper	Retained					12				10				22	
		Chilipepper	Discarded					262	96%	1,111	100%	21	68%	292	100%	1,687	99%
		Canary RKF	Retained														
		Canary RKF	Discarded									3	100%			3	100%
		Cowcod	Retained														
		Cowcod	Discarded					1	100%			26	100%	5	100%	32	100%
		Widow RKF	Retained														
		Widow RKF	Discarded					4	100%	56	100%			13	100%	73	100%
		Yellowtail RKF	Retained														
		Yellowtail RKF	Discarded														
		Yelloweye RKF	Retained														
		Yelloweye RKF	Discarded									14	100%			14	100%
		DarkBlotched RKF	Retained	11				16				36		97		161	
		DarkBlotched RKF	Discarded		0%			145	90%	17	100%	5	12%		0%	166	51%
POP	Retained																
POP	Discarded													34	100%		
Splitnose RKF	Retained	118		5,350		2,902		3,768		5,527		300		17,965			
Splitnose RKF	Discarded		0%	170	3%	629	18%	6,404	63%	1,424	20%	21	6%	8,648	32%		
Black RKF	Retained																
Black RKF	Discarded																
Lingcod	Retained							50		5				55			
Lingcod	Discarded	49	100%	4,521	100%	433	100%	414	89%	36	88%			5,453	99%		
Pacific Halibut	Retained																
Pacific Halibut	Discarded																
Salmon	Retained																
Salmon	Discarded					8	100%	5	100%					12	100%		
Shark, Skate	Retained	250												250			
Shark, Skate	Discarded		0%	2,379	100%	4,012	100%	454	100%	683	100%	81	100%	7,609	97%		
Sum for 100-200FM	Retained	500		6,550		5,995		3,898		5,921		484		23,348			
Sum for 100-200FM	Discarded	103	17%	19,432	75%	9,575	61%	12,261	76%	3,491	37%	811	63%	45,673	66%		

Appendix Table III. Continued

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total	D/(D+R)		
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)					
Slope RKF	>200FM	Whiting	Retained																
		Discarded																	
		Arrowtooth flounder	Retained																
		Discarded																	
		Petrale sole	Retained																
		Discarded																	
		Dover sole	Retained																
		Discarded																	
		Logspine thornyheads	Retained																
		Discarded																	
		Shortspine thornyheads	Retained																
		Discarded																	
		Thornyheads	Retained																
		Discarded																	
		Sablefish	Retained																
		Discarded																	
		Bocaccio	Retained																
		Discarded																	
		Chilipepper	Retained																
		Discarded																	
		Canary RKF	Retained																
		Discarded																	
		Cowcod	Retained																
		Discarded																	
		Widow RKF	Retained																
		Discarded																	
		Yellowtail RKF	Retained																
Discarded																			
Yelloweye RKF	Retained																		
Discarded																			
DarkBlotched RKF	Retained																		
Discarded																			
POP	Retained																		
Discarded																			
Splitnose RKF	Retained																		
Discarded																			
Black RKF	Retained																		
Discarded																			
Lingcod	Retained																		
Discarded																			
Pacific Halibut	Retained																		
Discarded																			
Salmon	Retained																		
Discarded																			
Shark, Skate	Retained																		
Discarded																			
	Sum for >200FM	Retained																	
		Discarded																	
Sum for Slope RKF strategy																			
				500		6,550		5,995		3,898		18,040		514		35,497			
				103	17%	19,432	75%	9,575	61%	12,261	76%	5,801	24%	2,124	81%	49,296	58%		

Appendix Table III. Continued

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total	D/(D+R)		
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)					
FlatFish	0-100FM	Whiting	Retained	-		-		-		-		-		-		-			
			Discarded	3,084	100%	1,398	100%	154	100%	1,165	100%	558	100%			6,360	100%		
		Arrowtooth flounder	Retained	-		-		-		-		-		-		-		-	
			Discarded	211	100%	-		45	100%	-		28	100%	-		284	100%		
		Petrale sole	Retained	9,507		2,140		1,256		615		794				14,311			
			Discarded	792	8%	203	9%	348	22%	19	3%	11	1%			1,374	9%		
		Dover sole	Retained	-		-		-		55		70				125			
			Discarded	350	100%	146	100%	192	100%	6	10%	443	86%			1,137	90%		
		Logspine thornyheads	Retained																
			Discarded																
		Shortspine thornyheads	Retained	-		-		-		-		-		-		-		-	
			Discarded	14	100%			2	100%							15	100%		
		Thornyheads	Retained																
			Discarded																
		Sablefish	Retained	275		-		265		128		97				765			
			Discarded	2,347	90%	2,268	100%	1,006	79%	423	77%	90	48%			6,133	89%		
		Bocaccio	Retained	25		-		277		37		87				426			
			Discarded	1,301	98%	3,324	100%	19	7%	44	55%	3	3%			4,692	92%		
		Chilipepper	Retained	3,170		1,365		281		57		532				5,404			
			Discarded	941	23%	5,611	80%	752	73%	30	35%	234	31%			7,568	58%		
		Canary RKF	Retained	163		-		50				15				228			
			Discarded	24		3	100%	2	5%			3	18%			33	13%		
		Cowcod	Retained	-		-		-		-		-				-			
			Discarded	4	100%	64	100%			9	100%	2	100%			79	100%		
		Widow RKF	Retained	2		-		-		-		-				2			
			Discarded	-	0%	9	100%									9	79%		
		Yellowtail RKF	Retained					46								46			
			Discarded					3	6%							3	6%		
		Yelloweye RKF	Retained			17										17			
			Discarded			-		-								-	0%		
		DarkBlotched RKF	Retained	-		-		-		-		-				-			
			Discarded	17	100%	13	100%					2	100%			32	100%		
		POP	Retained																
Discarded																			
Splitnose RKF	Retained					-		-						-					
	Discarded					49	100%	4	100%					53	100%				
Black RKF	Retained																		
	Discarded																		
Lingcod	Retained	744		22		293		353		67				1,479					
	Discarded	2,215	75%	2,831	99%	684	70%	302	46%	146	68%			6,178	81%				
Pacific Halibut	Retained																		
	Discarded																		
Salmon	Retained	-		-		33 *		-		-				33 *					
	Discarded	58	100%	12	100%	36	52%	14	100%	7	100%			127	79%				
Shark, Skate	Retained	1,189		189		3,162		1,018		150				5,708					
	Discarded	42,379	97%	13,438	99%	15,594	83%	5,684	85%	3,348	96%			80,442	93%				
Sum for 0-100fm	Retained	15,074		3,733		5,662		2,263		1,811				28,544					
	Discarded	53,738	78%	29,319	89%	18,886	77%	7,701	77%	4,874	73%			114,518	80%				

*: The vessel has salmon permit.

Appendix Table III. Continued

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total	D/(D+R)		
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)					
Flatfish	100-200FM	Whiting	Retained	83		-		-		-		-		-		83			
			Discarded	2,709	97%	2,145	100%	1,075	100%	272	100%		215	100%	6,415	99%			
		Arrowtooth flounder	Retained	-		-		-		-		-		-		-		-	
			Discarded	159	100%	4	100%	341	100%	106	100%		26	100%	636	100%			
		Petrale sole	Retained	28,865		2,760		1,151		700			1,200		34,676				
			Discarded	-	0%	25	1%	-	0%	19	3%		10	1%	55	0%			
		Dover sole	Retained	-		-		1		-		-		100		101			
			Discarded	91	100%	964	100%	2	67%	63	100%		189	65%	1,308	93%			
		Logspine thornyheads	Retained																
			Discarded																
		Shortspine thornyheads	Retained	1		-		-		-		-		-		1			
			Discarded	34	97%	110	100%	85	100%	4	100%		7	100%	240	100%			
		Thornyheads	Retained			-													
			Discarded			9	100%									9	100%		
		Sablefish	Retained	564		-		270		-		-		6		841			
			Discarded	2,316	80%	7,044	100%	704	72%	152	100%		287	98%	10,503	93%			
		Bocaccio	Retained	252		-		50		-		-		-		302			
			Discarded	221	47%	294	100%	-	0%				5	100%	520	63%			
		Chilipepper	Retained	578		-		335		60		-		-		973			
			Discarded	59	9%	417	100%	523	61%	6,008	99%		2	100%	7,009	88%			
		Canary RKF	Retained	-		-		6		-		-		-		6			
			Discarded	7	100%			-	0%	53	100%		37	100%	97	94%			
		Cowcod	Retained	-		-		-		-		-		-		-			
			Discarded	17	100%	91	100%			54	100%				163	100%			
		Widow RKF	Retained	2		40		7		-		-		-		49			
			Discarded	-	0%	-	0%	-	0%	41	100%		10	100%	51	51%			
		Yellowtail RKF	Retained																
			Discarded																
		Yelloweye RKF	Retained																
			Discarded							24	100%		8	100%	32	100%			
		DarkBlotched RKF	Retained	0		-		-		51		-		-		51			
			Discarded	16	98%			113	100%	42	46%		-		171	77%			
		POP	Retained																
Discarded																			
Splitnose RKF	Retained	1		1,000		5		28		-		-		1,033					
	Discarded	228	100%	87	8%	595	99%	78	74%		2	100%	991	49%					
Black RKF	Retained																		
	Discarded																		
Lingcod	Retained	733		-		71		-		-		-		805					
	Discarded	556	43%	593	100%	108	60%	174	100%		89	100%	1,519	65%					
Pacific Halibut	Retained																		
	Discarded					39	100%							39	100%				
Salmon	Retained			-		-		-		-		-		-					
	Discarded			13	100%	53	100%				22	100%	87	100%					
Shark, Skate	Retained	10,423		-		-		-		-		-		10,423					
	Discarded	14,122	58%	4,400	100%	4,260	100%	233	100%		873	100%	23,888	70%					
Sum for 100-200FM	Retained	41,503		3,800		1,896		839			1,306		49,344						
	Discarded	20,534	33%	16,197	81%	7,897	81%	7,323	90%		1,781	58%	53,733	52%					

Appendix Table III. Continued

Strategy	Depth Range	Species	Landings (lbs)	Sep-Oct, 2001		Nov-Dec, 2001		Jan-Feb, 2002		Mar-Apr, 2002		May-Jun, 2002		Jul-Aug, 2002		Total	D/(D+R)		
				D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)		D/(D+R)					
Flatfish	>200FM	Whiting	Retained	0												-			
			Discarded	893	100%												893	100%	
		Arrowtooth flounder	Retained																
			Discarded																
		Petrale sole	Retained	986													986		
			Discarded	-	0%												-	0%	
		Dover sole	Retained	505													505		
			Discarded	166	25%												166	25%	
		Logspine thornyheads	Retained																
			Discarded																
		Shortspine thornyheads	Retained	-													-		
			Discarded	124	100%												124	100%	
		Thornyheads	Retained																
			Discarded																
		Sablefish	Retained	-													-		
			Discarded	246	100%												246	100%	
		Bocaccio	Retained																
			Discarded																
		Chilipepper	Retained																
			Discarded																
		Canary RKF	Retained																
			Discarded																
		Cowcod	Retained																
	Discarded																		
Widow RKF	Retained																		
	Discarded																		
Yellowtail RKF	Retained																		
	Discarded																		
Yelloweye RKF	Retained																		
	Discarded																		
DarkBlotched RKF	Retained																		
	Discarded																		
POP	Retained																		
	Discarded																		
Splitnose RKF	Retained	32													32				
	Discarded	-	0%												-	0%			
Black RKF	Retained																		
	Discarded																		
Lingcod	Retained	-													-				
	Discarded	12	100%												12	100%			
Pacific Halibut	Retained																		
	Discarded																		
Salmon	Retained																		
	Discarded																		
Shark, Skate	Retained	999													999				
	Discarded	759	43%												759	43%			
Sum for >200FM	Retained	2,522													2,522				
	Discarded	2,199	47%												2,199	47%			
Sum for Flatfish Strategy		59,099		7,533		7,558		3,102		1,811		1,306		80,409					
		76,471	56%	45,517	86%	26,783	78%	15,024	83%	4,874	73%	1,781	58%	170,450	68%				
All strategies, depth ranges, and species		94,496		15,783		136,735		200,289		206,331		405,097		1,058,731					
		112,564	54%	66,355	81%	150,760	52%	138,459	41%	145,862	41%	83,906	17%	697,906	40%				

Appendix Table IV.

A) Ratio estimators and the standard errors (s.e.) for the discarded and bycatch pounds of the 23 selected species or categories per hour of tow, per pound of retained target species, per pound of retained groundfish by depth range, target strategy in the area north of 40°10'N, and period. Bycatch is defined as discarded plus retained pounds of a species, which does not belong to the assigned tow strategy. 0.000: 0 < estimate < 0.0004, -: estimate = 0, ---: s.e. is not estimable due to number of tows = 1.

NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	Discarded s.e. lbs per hr	Bycatch lbs per hr	Bycatch s.e. lbs per hr	Discarded lbs per lb Target Species	Discarded s.e. lbs per lb Target Species	Bycatch lbs per lb Target Species	Bycatch s.e. lbs per lb Target Species	Discarded lbs per lb of Groundfish	Discarded s.e. lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish	Bycatch s.e. lbs per lb of Groundfish
North of 40°10'															
Pacific Whiting															
DTS	0-100FM	SEP-OCT 2001	37	146.830	34.706	146.830	34.706	0.402	0.104	0.402	0.104	0.309	0.078	0.309	0.078
DTS	0-100FM	JAN-FEB 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	0-100FM	MAR-APR 2002	44	0.315	0.175	0.315	0.175	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
DTS	0-100FM	MAY-JUN 2002	121	70.881	14.429	70.893	14.429	0.270	0.057	0.270	0.057	0.178	0.037	0.178	0.037
DTS	0-100FM	JUL-AUG 2002	59	108.647	38.681	109.654	38.660	0.239	0.088	0.241	0.088	0.161	0.060	0.162	0.060
DTS	100-200FM	SEP-OCT 2001	38	166.675	53.728	166.675	53.728	0.621	0.206	0.621	0.206	0.480	0.157	0.480	0.157
DTS	100-200FM	JAN-FEB 2002	12	7.276	2.853	7.276	2.853	0.013	0.005	0.013	0.005	0.009	0.004	0.009	0.004
DTS	100-200FM	MAR-APR 2002	39	40.641	20.503	40.641	20.503	0.065	0.034	0.065	0.034	0.053	0.027	0.053	0.027
DTS	100-200FM	MAY-JUN 2002	33	21.383	5.384	21.383	5.384	0.057	0.016	0.057	0.016	0.045	0.012	0.045	0.012
DTS	100-200FM	JUL-AUG 2002	26	10.496	3.814	10.496	3.814	0.020	0.008	0.020	0.008	0.016	0.006	0.016	0.006
DTS	>200FM	SEP-OCT 2001	80	15.526	6.822	15.526	6.822	0.091	0.040	0.091	0.040	0.090	0.040	0.090	0.040
DTS	>200FM	JAN-FEB 2002	176	20.073	4.703	20.073	4.703	0.062	0.015	0.062	0.015	0.057	0.014	0.057	0.014
DTS	>200FM	MAR-APR 2002	255	6.889	2.070	6.889	2.070	0.024	0.007	0.024	0.007	0.022	0.007	0.022	0.007
DTS	>200FM	MAY-JUN 2002	64	2.665	1.237	2.665	1.237	0.011	0.005	0.011	0.005	0.010	0.005	0.010	0.005
DTS	>200FM	JUL-AUG 2002	14	1.410	0.490	1.410	0.490	0.006	0.002	0.006	0.002	0.005	0.002	0.005	0.002
Shelf RKF	0-100FM	SEP-OCT 2001	6	243.071	142.744	243.071	142.744	0.985	0.806	0.985	0.806	0.705	0.523	0.705	0.523
Shelf RKF	0-100FM	NOV-DEC 2001	54	326.624	233.038	326.624	233.038	0.150	0.108	0.150	0.108	0.150	0.107	0.150	0.107
Shelf RKF	0-100FM	MAR-APR 2002	8	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	MAY-JUN 2002	31	8.302	3.820	8.302	3.820	0.013	0.006	0.013	0.006	0.011	0.005	0.011	0.005
Shelf RKF	0-100FM	JUL-AUG 2002	37	281.599	263.967	281.599	263.967	0.476	0.457	0.476	0.457	0.346	0.328	0.346	0.328
Shelf RKF	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	9.231	---	9.231	---	0.065	---	0.065	---	0.036	---	0.036	---
Slope RKF	0-100FM	SEP-OCT 2001	1	764.760	---	764.760	---	1.149	---	1.149	---	1.045	---	1.045	---
Slope RKF	0-100FM	MAY-JUN 2002	2	9.450	7.680	9.450	7.680	0.024	0.020	0.024	0.020	0.014	0.011	0.014	0.011
Slope RKF	100-200FM	SEP-OCT 2001	5	682.035	369.486	682.035	369.486	3.034	2.058	3.034	2.058	1.928	1.417	1.928	1.417
Slope RKF	100-200FM	JAN-FEB 2002	11	47.474	34.147	47.474	34.147	0.104	0.071	0.104	0.071	0.084	0.057	0.084	0.057
Slope RKF	100-200FM	MAR-APR 2002	4	61.559	61.368	61.559	61.368	0.093	0.093	0.093	0.093	0.069	0.069	0.069	0.069
Slope RKF	100-200FM	MAY-JUN 2002	13	1.747	0.947	1.747	0.947	0.003	0.002	0.003	0.002	0.003	0.001	0.003	0.001
Slope RKF	100-200FM	JUL-AUG 2002	4	28.344	19.053	28.344	19.053	0.034	0.026	0.034	0.026	0.028	0.020	0.028	0.020
Slope RKF	>200FM	SEP-OCT 2001	1	175.559	---	175.559	---	0.646	---	0.646	---	0.347	---	0.347	---
Flatfish	0-100FM	SEP-OCT 2001	136	153.905	30.370	153.905	30.370	0.722	0.150	0.722	0.150	0.610	0.128	0.610	0.128
Flatfish	0-100FM	NOV-DEC 2001	82	201.708	77.598	201.708	77.598	1.135	0.437	1.135	0.437	0.995	0.382	0.995	0.382
Flatfish	0-100FM	JAN-FEB 2002	20	8.754	8.713	8.754	8.713	0.044	0.044	0.044	0.044	0.033	0.032	0.033	0.032

Appendix Table IV.A. Continued. NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded Target Species	s.e.	Bycatch Target Species	s.e.	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr		Discarded Target Species		Bycatch Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	0-100FM	MAR-APR 2002	191	20.895	8.408	20.895	8.408	0.094	0.038	0.094	0.038	0.077	0.031	0.077	0.031
Flatfish	0-100FM	MAY-JUN 2002	429	143.870	17.086	143.870	17.086	0.360	0.052	0.360	0.052	0.246	0.034	0.246	0.034
Flatfish	0-100FM	JUL-AUG 2002	491	130.714	15.575	132.158	15.585	0.284	0.044	0.287	0.044	0.223	0.032	0.225	0.032
Flatfish	100-200FM	SEP-OCT 2001	23	165.471	35.562	165.471	35.562	0.388	0.110	0.388	0.110	0.313	0.083	0.313	0.083
Flatfish	100-200FM	NOV-DEC 2001	26	120.330	44.461	120.330	44.461	0.188	0.072	0.188	0.072	0.184	0.070	0.184	0.070
Flatfish	100-200FM	JAN-FEB 2002	74	8.359	2.883	8.359	2.883	0.021	0.007	0.021	0.007	0.019	0.007	0.019	0.007
Flatfish	100-200FM	MAR-APR 2002	33	6.748	3.776	6.748	3.776	0.026	0.015	0.026	0.015	0.019	0.011	0.019	0.011
Flatfish	100-200FM	MAY-JUN 2002	4	0.475	0.475	0.475	0.475	0.004	0.004	0.004	0.004	0.002	0.002	0.002	0.002
Flatfish	100-200FM	JUL-AUG 2002	21	26.978	5.561	26.978	5.561	0.014	0.003	0.014	0.003	0.011	0.003	0.011	0.003
Flatfish	>200FM	JAN-FEB 2002	48	30.168	13.138	30.168	13.138	0.052	0.024	0.052	0.024	0.046	0.021	0.046	0.021
Flatfish	>200FM	MAR-APR 2002	22	12.865	7.283	12.865	7.283	0.015	0.009	0.015	0.009	0.012	0.007	0.012	0.007
Flatfish	>200FM	JUL-AUG 2002	1	7.401	---	7.401	---	0.011	---	0.011	---	0.008	---	0.008	---
Arrowtooth Flounder															
DTS	0-100FM	SEP-OCT 2001	37	180.870	42.016	211.008	40.413	0.495	0.126	0.577	0.127	0.380	0.095	0.443	0.094
DTS	0-100FM	JAN-FEB 2002	1	4.543	---	4.543	---	0.005	---	0.005	---	0.004	---	0.004	---
DTS	0-100FM	MAR-APR 2002	44	145.751	33.490	157.444	34.980	0.403	0.106	0.436	0.112	0.250	0.063	0.270	0.066
DTS	0-100FM	MAY-JUN 2002	121	124.708	25.781	128.881	25.776	0.476	0.102	0.491	0.102	0.313	0.066	0.323	0.066
DTS	0-100FM	JUL-AUG 2002	59	185.860	40.979	205.292	43.365	0.409	0.099	0.452	0.106	0.275	0.069	0.303	0.074
DTS	100-200FM	SEP-OCT 2001	38	12.190	4.210	31.981	7.897	0.045	0.016	0.119	0.031	0.035	0.012	0.092	0.023
DTS	100-200FM	JAN-FEB 2002	12	231.571	64.772	255.773	63.834	0.412	0.126	0.455	0.127	0.295	0.087	0.326	0.088
DTS	100-200FM	MAR-APR 2002	39	126.419	24.059	202.977	34.773	0.203	0.048	0.327	0.071	0.164	0.037	0.263	0.056
DTS	100-200FM	MAY-JUN 2002	33	66.854	18.589	86.626	24.076	0.180	0.054	0.233	0.070	0.140	0.041	0.182	0.054
DTS	100-200FM	JUL-AUG 2002	26	205.842	66.403	254.400	76.809	0.397	0.134	0.490	0.156	0.309	0.103	0.382	0.120
DTS	>200FM	SEP-OCT 2001	80	0.029	0.019	0.158	0.061	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.000
DTS	>200FM	JAN-FEB 2002	176	6.082	2.952	20.073	5.571	0.019	0.009	0.062	0.017	0.017	0.008	0.057	0.016
DTS	>200FM	MAR-APR 2002	255	8.125	2.742	18.483	4.630	0.028	0.010	0.064	0.016	0.027	0.009	0.060	0.015
DTS	>200FM	MAY-JUN 2002	64	27.425	16.788	27.467	16.787	0.112	0.069	0.112	0.069	0.108	0.067	0.108	0.067
DTS	>200FM	JUL-AUG 2002	14	0.100	0.071	1.623	1.180	0.000	0.000	0.007	0.005	0.000	0.000	0.006	0.005
Shelf RKF	0-100FM	SEP-OCT 2001	6	20.632	8.730	24.786	8.191	0.084	0.064	0.100	0.075	0.060	0.040	0.072	0.045
Shelf RKF	0-100FM	NOV-DEC 2001	54	-	233.038	-	233.038	-	0.108	-	0.108	-	0.107	-	0.107
Shelf RKF	0-100FM	MAR-APR 2002	8	1.294	0.791	1.294	0.791	0.003	0.002	0.003	0.002	0.002	0.001	0.002	0.001
Shelf RKF	0-100FM	MAY-JUN 2002	31	230.635	142.001	230.718	142.000	0.354	0.227	0.354	0.227	0.292	0.187	0.293	0.187
Shelf RKF	0-100FM	JUL-AUG 2002	37	480.705	238.105	494.956	238.479	0.813	0.575	0.837	0.587	0.590	0.358	0.608	0.364
Shelf RKF	100-200FM	MAR-APR 2002	1	129.825	---	154.825	---	0.874	---	1.042	---	0.538	---	0.642	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	211.972	---	211.972	---	2.634	---	2.634	---	1.131	---	1.131	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	1,393.846	---	1,393.846	---	9.758	---	9.758	---	5.398	---	5.398	---
Slope RKF	0-100FM	SEP-OCT 2001	1	18.028	---	18.028	---	0.027	---	0.027	---	0.025	---	0.025	---
Slope RKF	0-100FM	MAY-JUN 2002	2	85.975	32.332	85.975	32.332	0.217	0.089	0.217	0.089	0.129	0.041	0.129	0.041
Slope RKF	100-200FM	SEP-OCT 2001	5	16.381	15.324	33.626	17.350	0.073	0.069	0.150	0.099	0.046	0.044	0.095	0.069
Slope RKF	100-200FM	JAN-FEB 2002	11	25.450	13.028	32.010	14.341	0.056	0.024	0.070	0.024	0.045	0.019	0.057	0.019

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e. Discarded lbs per hr	Bycatch lbs per hr	s.e. Bycatch lbs per hr	Discarded Target Species	s.e. Discarded Target Species	Bycatch Target Species	s.e. Bycatch Target Species	Discarded lbs per lb of Groundfish	s.e. Discarded lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish	s.e. Bycatch lbs per lb of Groundfish
Slope RKF	100-200FM	MAR-APR 2002	4	47.733	28.604	137.093	85.282	0.072	0.028	0.208	0.090	0.053	0.022	0.153	0.070
Slope RKF	100-200FM	MAY-JUN 2002	13	110.136	37.558	116.686	41.635	0.187	0.075	0.198	0.082	0.161	0.063	0.170	0.069
Slope RKF	100-200FM	JUL-AUG 2002	4	12.162	4.962	172.149	85.922	0.015	0.008	0.209	0.129	0.012	0.006	0.169	0.100
Slope RKF	>200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	136	33.406	9.158	33.406	9.158	0.157	0.044	0.157	0.044	0.132	0.037	0.132	0.037
Flatfish	0-100FM	NOV-DEC 2001	82	3.633	0.869	3.633	0.869	0.020	0.005	0.020	0.005	0.018	0.004	0.018	0.004
Flatfish	0-100FM	JAN-FEB 2002	20	7.295	3.679	7.295	3.679	0.037	0.026	0.037	0.026	0.027	0.017	0.027	0.017
Flatfish	0-100FM	MAR-APR 2002	191	26.750	5.093	26.750	5.093	0.120	0.024	0.120	0.024	0.099	0.020	0.099	0.020
Flatfish	0-100FM	MAY-JUN 2002	429	94.342	15.148	94.342	15.148	0.236	0.042	0.236	0.042	0.162	0.028	0.162	0.028
Flatfish	0-100FM	JUL-AUG 2002	491	153.095	51.233	153.095	51.233	0.332	0.116	0.332	0.116	0.261	0.090	0.261	0.090
Flatfish	100-200FM	SEP-OCT 2001	23	26.162	10.885	26.162	10.885	0.061	0.028	0.061	0.028	0.050	0.022	0.050	0.022
Flatfish	100-200FM	NOV-DEC 2001	26	29.516	15.545	29.516	15.545	0.046	0.025	0.046	0.025	0.045	0.024	0.045	0.024
Flatfish	100-200FM	JAN-FEB 2002	74	40.180	7.796	40.180	7.796	0.101	0.021	0.101	0.021	0.091	0.018	0.091	0.018
Flatfish	100-200FM	MAR-APR 2002	33	58.666	11.955	58.666	11.955	0.229	0.060	0.229	0.060	0.163	0.043	0.163	0.043
Flatfish	100-200FM	MAY-JUN 2002	4	127.358	91.603	127.358	91.603	1.043	0.790	1.043	0.790	0.592	0.429	0.592	0.429
Flatfish	100-200FM	JUL-AUG 2002	21	49.999	32.748	49.999	32.748	0.026	0.017	0.026	0.017	0.020	0.013	0.020	0.013
Flatfish	>200FM	JAN-FEB 2002	48	33.359	9.125	33.359	9.125	0.057	0.019	0.057	0.019	0.051	0.016	0.051	0.016
Flatfish	>200FM	MAR-APR 2002	22	162.613	64.944	162.613	64.944	0.183	0.086	0.183	0.086	0.151	0.068	0.151	0.068
Flatfish	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Petrole Sole															
DTS	0-100FM	SEP-OCT 2001	37	17.051	8.421	23.653	8.582	0.047	0.023	0.065	0.024	0.036	0.018	0.050	0.019
DTS	0-100FM	JAN-FEB 2002	1	4.714	---	141.857	---	0.005	---	0.159	---	0.004	---	0.117	---
DTS	0-100FM	MAR-APR 2002	44	13.284	3.246	58.667	9.189	0.037	0.010	0.162	0.033	0.023	0.006	0.101	0.019
DTS	0-100FM	MAY-JUN 2002	121	19.761	5.656	73.755	10.467	0.075	0.022	0.281	0.043	0.050	0.014	0.185	0.027
DTS	0-100FM	JUL-AUG 2002	59	6.312	1.479	46.711	8.466	0.014	0.004	0.103	0.021	0.009	0.002	0.069	0.015
DTS	100-200FM	SEP-OCT 2001	38	0.501	0.380	4.215	1.041	0.002	0.001	0.016	0.004	0.001	0.001	0.012	0.003
DTS	100-200FM	JAN-FEB 2002	12	0.509	0.509	118.351	44.433	0.001	0.001	0.211	0.083	0.001	0.001	0.151	0.058
DTS	100-200FM	MAR-APR 2002	39	0.450	0.203	6.742	2.539	0.001	0.000	0.011	0.004	0.001	0.000	0.009	0.003
DTS	100-200FM	MAY-JUN 2002	33	2.829	2.423	4.055	2.583	0.008	0.007	0.011	0.007	0.006	0.005	0.009	0.005
DTS	100-200FM	JUL-AUG 2002	26	0.094	0.066	3.361	1.849	0.000	0.000	0.006	0.004	0.000	0.000	0.005	0.003
DTS	>200FM	SEP-OCT 2001	80	-	0.019	0.009	0.009	-	0.000	0.000	0.000	-	0.000	0.000	0.000
DTS	>200FM	JAN-FEB 2002	176	0.139	0.070	4.446	1.227	0.000	0.000	0.014	0.004	0.000	0.000	0.013	0.004
DTS	>200FM	MAR-APR 2002	255	0.018	0.010	0.865	0.506	0.000	0.000	0.003	0.002	0.000	0.000	0.003	0.002
DTS	>200FM	MAY-JUN 2002	64	-	16.788	-	16.787	-	0.069	-	0.069	-	0.067	-	0.067
DTS	>200FM	JUL-AUG 2002	14	-	0.071	-	1.180	-	0.000	-	0.005	-	0.000	-	0.005
Shelf RKF	0-100FM	SEP-OCT 2001	6	0.473	0.300	14.787	8.820	0.002	0.002	0.060	0.049	0.001	0.001	0.043	0.032
Shelf RKF	0-100FM	NOV-DEC 2001	54	0.010	0.008	0.171	0.116	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	0-100FM	MAR-APR 2002	8	6.534	3.701	49.203	22.521	0.013	0.008	0.095	0.048	0.011	0.006	0.081	0.039
Shelf RKF	0-100FM	MAY-JUN 2002	31	7.862	4.829	43.853	24.097	0.012	0.008	0.067	0.039	0.010	0.006	0.056	0.032
Shelf RKF	0-100FM	JUL-AUG 2002	37	24.123	10.822	47.448	19.401	0.041	0.028	0.080	0.054	0.030	0.017	0.058	0.032

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e. Discarded lbs per hr	Bycatch lbs per hr	s.e. Bycatch lbs per hr	Discarded lbs per lb Target Species	s.e. Discarded lbs per lb Target Species	Bycatch lbs per lb Target Species	s.e. Bycatch lbs per lb Target Species	Discarded lbs per lb of Groundfish	s.e. Discarded lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish	s.e. Bycatch lbs per lb of Groundfish
Shelf RKF	100-200FM	MAR-APR 2002	1	-	---	2.500	---	-	---	0.017	---	-	---	0.010	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	19.564	---	38.964	---	0.243	---	0.484	---	0.104	---	0.208	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	5.308	---	86.077	---	0.037	---	0.603	---	0.021	---	0.333	---
Slope RKF	0-100FM	SEP-OCT 2001	1	12.311	---	12.311	---	0.018	---	0.018	---	0.017	---	0.017	---
Slope RKF	0-100FM	MAY-JUN 2002	2	-	32.332	-	32.332	-	0.089	-	0.089	-	0.041	-	0.041
Slope RKF	100-200FM	SEP-OCT 2001	5	-	15.324	3.664	2.911	-	0.069	0.016	0.014	-	0.044	0.010	0.009
Slope RKF	100-200FM	JAN-FEB 2002	11	2.519	2.485	39.688	19.311	0.006	0.005	0.087	0.035	0.004	0.004	0.071	0.027
Slope RKF	100-200FM	MAR-APR 2002	4	2.021	1.471	12.357	10.949	0.003	0.002	0.019	0.016	0.002	0.001	0.014	0.012
Slope RKF	100-200FM	MAY-JUN 2002	13	0.067	0.067	0.722	0.655	0.000	0.000	0.001	0.001	0.000	0.000	0.001	0.001
Slope RKF	100-200FM	JUL-AUG 2002	4	9.069	5.505	17.957	12.521	0.011	0.008	0.022	0.017	0.009	0.006	0.018	0.013
Slope RKF	>200FM	SEP-OCT 2001	1	-	---	114.290	---	-	---	0.421	---	-	---	0.226	---
Flatfish	0-100FM	SEP-OCT 2001	136	6.650	3.630	6.650	3.630	0.031	0.017	0.031	0.017	0.026	0.014	0.026	0.014
Flatfish	0-100FM	NOV-DEC 2001	82	1.522	0.351	1.522	0.351	0.009	0.002	0.009	0.002	0.008	0.002	0.008	0.002
Flatfish	0-100FM	JAN-FEB 2002	20	2.099	0.726	2.099	0.726	0.011	0.007	0.011	0.007	0.008	0.004	0.008	0.004
Flatfish	0-100FM	MAR-APR 2002	191	9.899	1.422	9.899	1.422	0.045	0.007	0.045	0.007	0.037	0.006	0.037	0.006
Flatfish	0-100FM	MAY-JUN 2002	429	25.423	2.929	25.423	2.929	0.064	0.009	0.064	0.009	0.044	0.006	0.044	0.006
Flatfish	0-100FM	JUL-AUG 2002	491	19.299	2.191	19.299	2.191	0.042	0.006	0.042	0.006	0.033	0.005	0.033	0.005
Flatfish	100-200FM	SEP-OCT 2001	23	2.531	1.595	2.531	1.595	0.006	0.004	0.006	0.004	0.005	0.003	0.005	0.003
Flatfish	100-200FM	NOV-DEC 2001	26	2.230	1.223	2.230	1.223	0.003	0.002	0.003	0.002	0.003	0.002	0.003	0.002
Flatfish	100-200FM	JAN-FEB 2002	74	0.540	0.237	0.540	0.237	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	100-200FM	MAR-APR 2002	33	5.387	1.664	5.387	1.664	0.021	0.007	0.021	0.007	0.015	0.005	0.015	0.005
Flatfish	100-200FM	MAY-JUN 2002	4	104.119	102.641	104.119	102.641	0.852	0.842	0.852	0.842	0.484	0.477	0.484	0.477
Flatfish	100-200FM	JUL-AUG 2002	21	2.112	1.261	2.112	1.261	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	>200FM	JAN-FEB 2002	48	1.526	0.842	1.526	0.842	0.003	0.002	0.003	0.002	0.002	0.001	0.002	0.001
Flatfish	>200FM	MAR-APR 2002	22	0.050	0.043	0.050	0.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Dover Sole															
DTS	0-100FM	SEP-OCT 2001	37	52.415	17.996	52.415	17.996	0.143	0.051	0.143	0.051	0.110	0.039	0.110	0.039
DTS	0-100FM	JAN-FEB 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	0-100FM	MAR-APR 2002	44	59.507	11.405	59.507	11.405	0.165	0.038	0.165	0.038	0.102	0.022	0.102	0.022
DTS	0-100FM	MAY-JUN 2002	121	20.537	3.067	20.537	3.067	0.078	0.012	0.078	0.012	0.052	0.008	0.052	0.008
DTS	0-100FM	JUL-AUG 2002	59	32.103	6.704	32.103	6.704	0.071	0.016	0.071	0.016	0.047	0.011	0.047	0.011
DTS	100-200FM	SEP-OCT 2001	38	18.121	5.658	18.121	5.658	0.067	0.022	0.067	0.022	0.052	0.017	0.052	0.017
DTS	100-200FM	JAN-FEB 2002	12	22.263	7.826	22.263	7.826	0.040	0.015	0.040	0.015	0.028	0.010	0.028	0.010
DTS	100-200FM	MAR-APR 2002	39	79.278	51.492	79.278	51.492	0.128	0.084	0.128	0.084	0.103	0.067	0.103	0.067
DTS	100-200FM	MAY-JUN 2002	33	20.674	6.825	20.674	6.825	0.056	0.019	0.056	0.019	0.043	0.015	0.043	0.015
DTS	100-200FM	JUL-AUG 2002	26	36.210	15.837	36.210	15.837	0.070	0.031	0.070	0.031	0.054	0.024	0.054	0.024
DTS	>200FM	SEP-OCT 2001	80	30.879	4.736	30.879	4.736	0.180	0.031	0.180	0.031	0.179	0.030	0.179	0.030
DTS	>200FM	JAN-FEB 2002	176	9.033	2.364	9.033	2.364	0.028	0.007	0.028	0.007	0.026	0.007	0.026	0.007
DTS	>200FM	MAR-APR 2002	255	11.957	2.488	11.957	2.488	0.042	0.009	0.042	0.009	0.039	0.008	0.039	0.008

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded Target Species	s.e.	Bycatch Target Species	s.e.	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr		Discarded Target Species		Bycatch Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
DTS	>200FM	MAY-JUN 2002	64	36.928	8.849	36.928	8.849	0.150	0.039	0.150	0.039	0.145	0.038	0.145	0.038
DTS	>200FM	JUL-AUG 2002	14	13.988	10.116	13.988	10.116	0.057	0.041	0.057	0.041	0.054	0.039	0.054	0.039
Shelf RKF	0-100FM	SEP-OCT 2001	6	57.684	49.111	59.167	48.793	0.234	0.217	0.240	0.220	0.167	0.151	0.172	0.152
Shelf RKF	0-100FM	NOV-DEC 2001	54	0.006	0.006	0.006	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	0-100FM	MAR-APR 2002	8	1.213	1.069	8.346	5.952	0.002	0.002	0.016	0.012	0.002	0.002	0.014	0.010
Shelf RKF	0-100FM	MAY-JUN 2002	31	17.938	13.594	52.013	28.601	0.028	0.021	0.080	0.046	0.023	0.018	0.066	0.038
Shelf RKF	0-100FM	JUL-AUG 2002	37	46.270	13.525	46.474	13.525	0.078	0.049	0.079	0.049	0.057	0.028	0.057	0.028
Shelf RKF	100-200FM	MAR-APR 2002	1	13.117	---	50.617	---	0.088	---	0.341	---	0.054	---	0.210	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	46.061	---	93.361	---	0.572	---	1.160	---	0.246	---	0.498	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	96.923	---	96.923	---	0.679	---	0.679	---	0.375	---	0.375	---
Slope RKF	0-100FM	SEP-OCT 2001	1	17.193	---	17.193	---	0.026	---	0.026	---	0.023	---	0.023	---
Slope RKF	0-100FM	MAY-JUN 2002	2	6.925	2.873	81.925	30.746	0.018	0.008	0.207	0.085	0.010	0.004	0.123	0.039
Slope RKF	100-200FM	SEP-OCT 2001	5	12.312	8.330	45.619	31.993	0.055	0.042	0.203	0.159	0.035	0.028	0.129	0.106
Slope RKF	100-200FM	JAN-FEB 2002	11	1.154	0.914	26.258	19.801	0.003	0.002	0.058	0.042	0.002	0.002	0.047	0.034
Slope RKF	100-200FM	MAR-APR 2002	4	12.104	8.576	71.550	55.459	0.018	0.011	0.109	0.074	0.014	0.008	0.080	0.056
Slope RKF	100-200FM	MAY-JUN 2002	13	49.522	24.871	103.395	57.610	0.084	0.045	0.175	0.103	0.072	0.038	0.151	0.088
Slope RKF	100-200FM	JUL-AUG 2002	4	76.462	45.970	85.350	42.704	0.093	0.064	0.104	0.064	0.075	0.050	0.084	0.050
Slope RKF	>200FM	SEP-OCT 2001	1	431.852	---	431.852	---	1.589	---	1.589	---	0.853	---	0.853	---
Flatfish	0-100FM	SEP-OCT 2001	136	77.973	18.142	89.471	18.238	0.366	0.088	0.420	0.090	0.309	0.075	0.354	0.077
Flatfish	0-100FM	NOV-DEC 2001	82	10.160	3.523	10.160	3.523	0.057	0.020	0.057	0.020	0.050	0.017	0.050	0.017
Flatfish	0-100FM	JAN-FEB 2002	20	0.775	0.359	0.775	0.359	0.004	0.003	0.004	0.003	0.003	0.002	0.003	0.002
Flatfish	0-100FM	MAR-APR 2002	191	15.850	2.912	26.947	4.175	0.071	0.014	0.121	0.020	0.059	0.011	0.100	0.016
Flatfish	0-100FM	MAY-JUN 2002	429	18.819	2.729	64.928	7.119	0.047	0.008	0.163	0.022	0.032	0.005	0.111	0.014
Flatfish	0-100FM	JUL-AUG 2002	491	23.822	3.293	45.152	4.411	0.052	0.009	0.098	0.014	0.041	0.007	0.077	0.010
Flatfish	100-200FM	SEP-OCT 2001	23	174.459	44.988	188.648	46.872	0.409	0.130	0.442	0.137	0.330	0.099	0.357	0.104
Flatfish	100-200FM	NOV-DEC 2001	26	62.882	20.535	78.128	21.590	0.098	0.034	0.122	0.036	0.096	0.033	0.119	0.035
Flatfish	100-200FM	JAN-FEB 2002	74	6.558	4.717	29.200	7.259	0.016	0.012	0.073	0.019	0.015	0.011	0.066	0.017
Flatfish	100-200FM	MAR-APR 2002	33	30.444	24.925	87.561	27.151	0.119	0.098	0.341	0.119	0.084	0.070	0.243	0.086
Flatfish	100-200FM	MAY-JUN 2002	4	107.799	87.010	137.002	82.443	0.882	0.734	1.122	0.741	0.501	0.406	0.636	0.389
Flatfish	100-200FM	JUL-AUG 2002	21	19.212	6.366	296.040	127.072	0.010	0.004	0.154	0.068	0.008	0.003	0.117	0.052
Flatfish	>200FM	JAN-FEB 2002	48	18.415	7.597	53.545	15.907	0.032	0.014	0.092	0.032	0.028	0.012	0.082	0.028
Flatfish	>200FM	MAR-APR 2002	22	3.496	1.601	139.396	43.479	0.004	0.002	0.157	0.063	0.003	0.002	0.129	0.049
Flatfish	>200FM	JUL-AUG 2002	1	2.114	---	56.354	---	0.003	---	0.081	---	0.002	---	0.059	---
Longspine thornyhead															
DTS	0-100FM	SEP-OCT 2001	37	-	17.996	-	17.996	-	0.051	-	0.051	-	0.039	-	0.039
DTS	0-100FM	JAN-FEB 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	0-100FM	MAR-APR 2002	44	-	11.405	-	11.405	-	0.038	-	0.038	-	0.022	-	0.022
DTS	0-100FM	MAY-JUN 2002	121	-	3.067	-	3.067	-	0.012	-	0.012	-	0.008	-	0.008
DTS	0-100FM	JUL-AUG 2002	59	-	6.704	-	6.704	-	0.016	-	0.016	-	0.011	-	0.011
DTS	100-200FM	SEP-OCT 2001	38	-	5.658	-	5.658	-	0.022	-	0.022	-	0.017	-	0.017

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded Target Species	s.e.	Bycatch Target Species	s.e.	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr		Discarded Target Species		Bycatch Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Shortspine thornyhead															
DTS	0-100FM	SEP-OCT 2001	37	13.644	7.303	13.644	7.303	0.037	0.020	0.037	0.020	0.029	0.016	0.029	0.016
DTS	0-100FM	JAN-FEB 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	0-100FM	MAR-APR 2002	44	0.019	0.019	0.019	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	0-100FM	MAY-JUN 2002	121	0.009	0.008	0.009	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	0-100FM	JUL-AUG 2002	59	3.602	1.614	3.602	1.614	0.008	0.004	0.008	0.004	0.005	0.002	0.005	0.002
DTS	100-200FM	SEP-OCT 2001	38	16.372	6.192	16.372	6.192	0.061	0.024	0.061	0.024	0.047	0.018	0.047	0.018
DTS	100-200FM	JAN-FEB 2002	12	56.219	18.986	56.219	18.986	0.100	0.036	0.100	0.036	0.072	0.025	0.072	0.025
DTS	100-200FM	MAR-APR 2002	39	14.479	4.271	14.479	4.271	0.023	0.008	0.023	0.008	0.019	0.006	0.019	0.006
DTS	100-200FM	MAY-JUN 2002	33	0.470	0.219	0.470	0.219	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.000
DTS	100-200FM	JUL-AUG 2002	26	27.273	17.325	27.273	17.325	0.053	0.034	0.053	0.034	0.041	0.026	0.041	0.026
DTS	>200FM	SEP-OCT 2001	80	4.506	1.293	4.506	1.293	0.026	0.008	0.026	0.008	0.026	0.008	0.026	0.008
DTS	>200FM	JAN-FEB 2002	176	4.125	1.061	4.125	1.061	0.013	0.003	0.013	0.003	0.012	0.003	0.012	0.003
DTS	>200FM	MAR-APR 2002	255	4.373	1.159	4.373	1.159	0.015	0.004	0.015	0.004	0.014	0.004	0.014	0.004
DTS	>200FM	MAY-JUN 2002	64	2.476	0.965	2.476	0.965	0.010	0.004	0.010	0.004	0.010	0.004	0.010	0.004
DTS	>200FM	JUL-AUG 2002	14	0.960	0.652	0.960	0.652	0.004	0.003	0.004	0.003	0.004	0.002	0.004	0.002
Shelf RKF	0-100FM	SEP-OCT 2001	6	-	49.111	0.593	0.593	-	0.217	0.002	0.002	-	0.151	0.002	0.002
Shelf RKF	0-100FM	NOV-DEC 2001	54	-	0.006	-	0.006	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	0-100FM	MAR-APR 2002	8	-	1.069	-	5.952	-	0.002	-	0.012	-	0.002	-	0.010
Shelf RKF	0-100FM	MAY-JUN 2002	31	-	13.594	0.032	0.032	-	0.021	0.000	0.000	-	0.018	0.000	0.000
Shelf RKF	0-100FM	JUL-AUG 2002	37	-	13.525	0.033	0.023	-	0.049	0.000	0.000	-	0.028	0.000	0.000
Shelf RKF	100-200FM	MAR-APR 2002	1	14.648	---	14.648	---	0.099	---	0.099	---	0.061	---	0.061	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	21.875	---	29.825	---	0.272	---	0.371	---	0.117	---	0.159	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	SEP-OCT 2001	1	15.232	---	15.232	---	0.023	---	0.023	---	0.021	---	0.021	---
Slope RKF	0-100FM	MAY-JUN 2002	2	1.750	1.538	1.750	1.538	0.004	0.004	0.004	0.004	0.003	0.002	0.003	0.002
Slope RKF	100-200FM	SEP-OCT 2001	5	37.592	17.225	40.101	19.220	0.167	0.105	0.178	0.114	0.106	0.074	0.113	0.080
Slope RKF	100-200FM	JAN-FEB 2002	11	6.171	3.195	7.483	4.293	0.014	0.006	0.016	0.008	0.011	0.005	0.013	0.007
Slope RKF	100-200FM	MAR-APR 2002	4	0.903	0.650	32.064	28.925	0.001	0.001	0.049	0.042	0.001	0.001	0.036	0.031
Slope RKF	100-200FM	MAY-JUN 2002	13	11.265	8.900	11.265	8.900	0.019	0.015	0.019	0.015	0.016	0.013	0.016	0.013
Slope RKF	100-200FM	JUL-AUG 2002	4	-	45.970	7.170	3.469	-	0.064	0.009	0.005	-	0.050	0.007	0.004
Slope RKF	>200FM	SEP-OCT 2001	1	64.521	---	64.521	---	0.237	---	0.237	---	0.127	---	0.127	---
Flatfish	0-100FM	SEP-OCT 2001	136	2.051	1.583	2.961	1.673	0.010	0.007	0.014	0.008	0.008	0.006	0.012	0.007
Flatfish	0-100FM	NOV-DEC 2001	82	-	3.523	-	3.523	-	0.020	-	0.020	-	0.017	-	0.017
Flatfish	0-100FM	JAN-FEB 2002	20	0.012	0.012	0.012	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	MAR-APR 2002	191	0.033	0.018	0.033	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	MAY-JUN 2002	429	0.032	0.018	0.057	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	JUL-AUG 2002	491	0.227	0.182	0.359	0.210	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.000
Flatfish	100-200FM	SEP-OCT 2001	23	33.697	10.592	45.497	13.904	0.079	0.029	0.107	0.038	0.064	0.022	0.086	0.029
Flatfish	100-200FM	NOV-DEC 2001	26	0.799	0.271	0.799	0.271	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
Flatfish	100-200FM	JAN-FEB 2002	74	2.665	1.112	4.129	1.366	0.007	0.003	0.010	0.003	0.006	0.003	0.009	0.003

Appendix Table IV.A. Continued. NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	Bycatch lbs per hr	Discarded Target Species	s.e.	Bycatch Target Species	Discarded Target Species	Discarded lbs per lb of Groundfish	s.e.	Bycatch Target Species	Bycatch lbs per lb of Groundfish
					Discarded lbs per hr				Discarded lbs per lb of Groundfish						
Flatfish	100-200FM	MAR-APR 2002	33	5.139	2.282	7.478	2.530	0.020	0.009	0.029	0.011	0.014	0.007	0.021	0.008
Flatfish	100-200FM	MAY-JUN 2002	4	12.015	7.908	12.182	7.961	0.098	0.070	0.100	0.070	0.056	0.037	0.057	0.037
Flatfish	100-200FM	JUL-AUG 2002	21	2.068	2.068	13.812	5.154	0.001	0.001	0.007	0.003	0.001	0.001	0.005	0.002
Flatfish	>200FM	JAN-FEB 2002	48	1.785	0.717	4.185	1.381	0.003	0.001	0.007	0.003	0.003	0.001	0.006	0.002
Flatfish	>200FM	MAR-APR 2002	22	13.918	6.080	28.474	6.638	0.016	0.008	0.032	0.011	0.013	0.006	0.026	0.008
Flatfish	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Thornyheads															
DTS	0-100FM	SEP-OCT 2001	37	-	7.303	-	7.303	-	0.020	-	0.020	-	0.016	-	0.016
DTS	0-100FM	JAN-FEB 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	0-100FM	MAR-APR 2002	44	-	0.019	-	0.019	-	0.000	-	0.000	-	0.000	-	0.000
DTS	0-100FM	MAY-JUN 2002	121	-	0.008	-	0.008	-	0.000	-	0.000	-	0.000	-	0.000
DTS	0-100FM	JUL-AUG 2002	59	-	1.614	-	1.614	-	0.004	-	0.004	-	0.002	-	0.002
DTS	100-200FM	SEP-OCT 2001	38	0.026	0.018	0.026	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	100-200FM	JAN-FEB 2002	12	-	18.986	-	18.986	-	0.036	-	0.036	-	0.025	-	0.025
DTS	100-200FM	MAR-APR 2002	39	2.114	1.350	2.114	1.350	0.003	0.002	0.003	0.002	0.003	0.002	0.003	0.002
DTS	100-200FM	MAY-JUN 2002	33	9.732	6.520	9.732	6.520	0.026	0.018	0.026	0.018	0.020	0.014	0.020	0.014
DTS	100-200FM	JUL-AUG 2002	26	-	17.325	-	17.325	-	0.034	-	0.034	-	0.026	-	0.026
DTS	>200FM	SEP-OCT 2001	80	5.060	2.129	5.060	2.129	0.030	0.013	0.030	0.013	0.029	0.012	0.029	0.012
DTS	>200FM	JAN-FEB 2002	176	6.080	1.378	6.080	1.378	0.019	0.004	0.019	0.004	0.017	0.004	0.017	0.004
DTS	>200FM	MAR-APR 2002	255	11.641	2.107	11.641	2.107	0.040	0.008	0.040	0.008	0.038	0.007	0.038	0.007
DTS	>200FM	MAY-JUN 2002	64	14.933	3.844	14.933	3.844	0.061	0.017	0.061	0.017	0.059	0.016	0.059	0.016
DTS	>200FM	JUL-AUG 2002	14	32.524	30.303	32.524	30.303	0.131	0.123	0.131	0.123	0.124	0.116	0.124	0.116
Shelf RKF	0-100FM	SEP-OCT 2001	6	-	49.111	-	0.593	-	0.217	-	0.002	-	0.151	-	0.002
Shelf RKF	0-100FM	NOV-DEC 2001	54	-	0.006	-	0.006	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	0-100FM	MAR-APR 2002	8	-	1.069	-	5.952	-	0.002	-	0.012	-	0.002	-	0.010
Shelf RKF	0-100FM	MAY-JUN 2002	31	-	13.594	-	0.032	-	0.021	-	0.000	-	0.018	-	0.000
Shelf RKF	0-100FM	JUL-AUG 2002	37	-	13.525	-	0.023	-	0.049	-	0.000	-	0.028	-	0.000
Shelf RKF	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	MAY-JUN 2002	2	-	1.538	-	1.538	-	0.004	-	0.004	-	0.002	-	0.002
Slope RKF	100-200FM	SEP-OCT 2001	5	-	17.225	-	19.220	-	0.105	-	0.114	-	0.074	-	0.080
Slope RKF	100-200FM	JAN-FEB 2002	11	-	3.195	-	4.293	-	0.006	-	0.008	-	0.005	-	0.007
Slope RKF	100-200FM	MAR-APR 2002	4	10.091	10.091	10.091	10.091	0.015	0.015	0.015	0.015	0.011	0.011	0.011	0.011
Slope RKF	100-200FM	MAY-JUN 2002	13	0.835	0.777	0.835	0.777	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Slope RKF	100-200FM	JUL-AUG 2002	4	-	45.970	-	3.469	-	0.064	-	0.005	-	0.050	-	0.004
Slope RKF	>200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	136	0.043	0.043	0.313	0.273	0.000	0.000	0.001	0.001	0.000	0.000	0.001	0.001
Flatfish	0-100FM	NOV-DEC 2001	82	-	3.523	-	3.523	-	0.020	-	0.020	-	0.017	-	0.017

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	s.e.				s.e.				s.e.			
				Discarded lbs per hr	Discarded lbs per hr	Bycatch lbs per hr	Bycatch lbs per hr	Discarded Target Species	Discarded Target Species	Bycatch Target Species	Bycatch Target Species	Discarded lbs per lb of Groundfish	Discarded lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish
Flatfish	0-100FM	JAN-FEB 2002	20	-	0.012	-	0.012	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	MAR-APR 2002	191	-	0.018	-	0.018	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	MAY-JUN 2002	429	-	0.018	-	0.023	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	JUL-AUG 2002	491	-	0.182	-	0.210	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	100-200FM	SEP-OCT 2001	23	-	10.592	-	13.904	-	0.029	-	0.038	-	0.022	-	0.029
Flatfish	100-200FM	NOV-DEC 2001	26	0.970	0.970	0.970	0.970	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001
Flatfish	100-200FM	JAN-FEB 2002	74	1.500	1.500	1.532	1.500	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
Flatfish	100-200FM	MAR-APR 2002	33	-	2.282	6.194	3.476	-	0.009	0.024	0.014	-	0.007	0.017	0.010
Flatfish	100-200FM	MAY-JUN 2002	4	-	7.908	-	7.961	-	0.070	-	0.070	-	0.037	-	0.037
Flatfish	100-200FM	JUL-AUG 2002	21	-	2.068	0.041	0.041	-	0.001	0.000	0.000	-	0.001	0.000	0.000
Flatfish	>200FM	JAN-FEB 2002	48	0.034	0.034	0.034	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	>200FM	MAR-APR 2002	22	2.653	2.653	2.938	2.657	0.003	0.003	0.003	0.003	0.002	0.002	0.003	0.002
Flatfish	>200FM	JUL-AUG 2002	1	22.730	---	198.466	---	0.033	---	0.287	---	0.024	---	0.208	---
Sablefish															
DTS	0-100FM	SEP-OCT 2001	37	34.589	13.600	34.589	13.600	0.095	0.038	0.095	0.038	0.073	0.029	0.073	0.029
DTS	0-100FM	JAN-FEB 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	0-100FM	MAR-APR 2002	44	85.161	43.787	85.161	43.787	0.236	0.124	0.236	0.124	0.146	0.076	0.146	0.076
DTS	0-100FM	MAY-JUN 2002	121	179.103	95.241	179.103	95.241	0.683	0.365	0.683	0.365	0.449	0.239	0.449	0.239
DTS	0-100FM	JUL-AUG 2002	59	163.797	47.952	163.797	47.952	0.360	0.111	0.360	0.111	0.242	0.076	0.242	0.076
DTS	100-200FM	SEP-OCT 2001	38	14.956	4.183	14.956	4.183	0.056	0.016	0.056	0.016	0.043	0.012	0.043	0.012
DTS	100-200FM	JAN-FEB 2002	12	146.460	53.514	146.460	53.514	0.261	0.100	0.261	0.100	0.187	0.070	0.187	0.070
DTS	100-200FM	MAR-APR 2002	39	103.553	30.403	103.553	30.403	0.167	0.054	0.167	0.054	0.134	0.043	0.134	0.043
DTS	100-200FM	MAY-JUN 2002	33	51.982	18.419	51.982	18.419	0.140	0.052	0.140	0.052	0.109	0.040	0.109	0.040
DTS	100-200FM	JUL-AUG 2002	26	48.212	18.583	48.212	18.583	0.093	0.037	0.093	0.037	0.072	0.029	0.072	0.029
DTS	>200FM	SEP-OCT 2001	80	2.106	0.658	2.106	0.658	0.012	0.004	0.012	0.004	0.012	0.004	0.012	0.004
DTS	>200FM	JAN-FEB 2002	176	16.326	3.171	16.326	3.171	0.050	0.010	0.050	0.010	0.046	0.009	0.046	0.009
DTS	>200FM	MAR-APR 2002	255	20.656	5.034	20.656	5.034	0.072	0.018	0.072	0.018	0.067	0.017	0.067	0.017
DTS	>200FM	MAY-JUN 2002	64	21.127	5.133	21.127	5.133	0.086	0.023	0.086	0.023	0.083	0.022	0.083	0.022
DTS	>200FM	JUL-AUG 2002	14	22.436	8.485	22.436	8.485	0.091	0.035	0.091	0.035	0.086	0.033	0.086	0.033
Shelf RKF	0-100FM	SEP-OCT 2001	6	88.799	55.678	130.925	89.447	0.360	0.300	0.531	0.454	0.258	0.197	0.380	0.302
Shelf RKF	0-100FM	NOV-DEC 2001	54	0.770	0.759	0.770	0.759	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	0-100FM	MAR-APR 2002	8	45.254	44.885	45.590	44.842	0.088	0.087	0.088	0.087	0.074	0.074	0.075	0.074
Shelf RKF	0-100FM	MAY-JUN 2002	31	13.236	8.888	15.469	9.239	0.020	0.014	0.024	0.015	0.017	0.012	0.020	0.012
Shelf RKF	0-100FM	JUL-AUG 2002	37	28.055	8.536	29.146	8.596	0.047	0.030	0.049	0.031	0.034	0.017	0.036	0.017
Shelf RKF	100-200FM	MAR-APR 2002	1	8.425	---	8.425	---	0.057	---	0.057	---	0.035	---	0.035	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	5.392	---	15.292	---	0.067	---	0.190	---	0.029	---	0.082	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	7.385	---	7.385	---	0.052	---	0.052	---	0.029	---	0.029	---
Slope RKF	0-100FM	SEP-OCT 2001	1	-	---	66.186	---	-	---	0.099	---	-	---	0.090	---
Slope RKF	0-100FM	MAY-JUN 2002	2	70.350	64.211	195.350	109.746	0.178	0.163	0.494	0.287	0.106	0.096	0.294	0.156
Slope RKF	100-200FM	SEP-OCT 2001	5	5.772	5.667	34.601	26.094	0.026	0.025	0.154	0.126	0.016	0.016	0.098	0.083

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.		Discarded		Bycatch		Discarded		Bycatch		s.e.	
					Discarded lbs per hr	Bycatch lbs per hr	s.e. lbs per lb Target Species	Discarded lbs per lb Target Species	Bycatch lbs per lb Target Species	s.e. lbs per lb of Groundfish	Discarded lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish				
Slope RKF	100-200FM	JAN-FEB 2002	11	55.042	39.797	65.633	42.047	0.121	0.083	0.144	0.086	0.098	0.067	0.117	0.068	
Slope RKF	100-200FM	MAR-APR 2002	4	73.407	51.350	94.213	64.476	0.111	0.063	0.143	0.078	0.082	0.048	0.105	0.059	
Slope RKF	100-200FM	MAY-JUN 2002	13	43.226	20.844	54.538	22.731	0.073	0.038	0.092	0.043	0.063	0.032	0.080	0.036	
Slope RKF	100-200FM	JUL-AUG 2002	4	5.925	5.925	5.925	5.925	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	
Slope RKF	>200FM	SEP-OCT 2001	1	323.736	---	323.736	---	1.191	---	1.191	---	0.639	---	0.639	---	
Flatfish	0-100FM	SEP-OCT 2001	136	101.232	34.667	113.193	34.849	0.475	0.165	0.531	0.167	0.401	0.140	0.448	0.142	
Flatfish	0-100FM	NOV-DEC 2001	82	4.498	3.241	4.498	3.241	0.025	0.018	0.025	0.018	0.022	0.016	0.022	0.016	
Flatfish	0-100FM	JAN-FEB 2002	20	1.297	0.937	1.297	0.937	0.007	0.005	0.007	0.005	0.005	0.004	0.005	0.004	
Flatfish	0-100FM	MAR-APR 2002	191	38.313	7.518	39.410	7.603	0.172	0.036	0.177	0.036	0.142	0.029	0.146	0.029	
Flatfish	0-100FM	MAY-JUN 2002	429	135.326	25.315	140.239	25.635	0.339	0.069	0.351	0.070	0.232	0.046	0.240	0.047	
Flatfish	0-100FM	JUL-AUG 2002	491	237.783	40.569	240.505	40.562	0.516	0.102	0.522	0.102	0.405	0.077	0.409	0.077	
Flatfish	100-200FM	SEP-OCT 2001	23	77.893	26.635	139.971	39.774	0.182	0.070	0.328	0.111	0.147	0.055	0.265	0.085	
Flatfish	100-200FM	NOV-DEC 2001	26	45.855	15.347	45.855	15.347	0.072	0.025	0.072	0.025	0.070	0.024	0.070	0.024	
Flatfish	100-200FM	JAN-FEB 2002	74	26.344	6.418	30.231	6.635	0.066	0.017	0.076	0.017	0.059	0.015	0.068	0.015	
Flatfish	100-200FM	MAR-APR 2002	33	32.504	10.797	37.153	10.863	0.127	0.047	0.145	0.048	0.090	0.033	0.103	0.035	
Flatfish	100-200FM	MAY-JUN 2002	4	78.498	69.799	97.047	71.013	0.643	0.580	0.794	0.610	0.365	0.325	0.451	0.332	
Flatfish	100-200FM	JUL-AUG 2002	21	59.590	50.243	142.299	61.283	0.031	0.026	0.074	0.033	0.024	0.020	0.056	0.025	
Flatfish	>200FM	JAN-FEB 2002	48	30.676	12.972	50.684	16.879	0.053	0.024	0.087	0.033	0.047	0.021	0.077	0.029	
Flatfish	>200FM	MAR-APR 2002	22	56.374	26.844	78.692	27.971	0.064	0.034	0.089	0.039	0.052	0.027	0.073	0.030	
Flatfish	>200FM	JUL-AUG 2002	1	206.065	---	239.443	---	0.298	---	0.346	---	0.216	---	0.250	---	
Bocaccio																
DTS	0-100FM	SEP-OCT 2001	37	2.835	2.835	2.835	2.835	0.008	0.008	0.008	0.008	0.006	0.006	0.006	0.006	
DTS	0-100FM	JAN-FEB 2002	1	-	---	-	---	-	---	-	---	-	---	-	---	
DTS	0-100FM	MAR-APR 2002	44	0.160	0.160	0.160	0.160	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
DTS	0-100FM	MAY-JUN 2002	121	-	95.241	0.090	0.068	-	0.365	0.000	0.000	-	0.239	0.000	0.000	
DTS	0-100FM	JUL-AUG 2002	59	-	47.952	-	47.952	-	0.111	-	0.111	-	0.076	-	0.076	
DTS	100-200FM	SEP-OCT 2001	38	-	4.183	0.310	0.219	-	0.016	0.001	0.001	-	0.012	0.001	0.001	
DTS	100-200FM	JAN-FEB 2002	12	-	53.514	-	53.514	-	0.100	-	0.100	-	0.070	-	0.070	
DTS	100-200FM	MAR-APR 2002	39	-	30.403	0.081	0.081	-	0.054	0.000	0.000	-	0.043	0.000	0.000	
DTS	100-200FM	MAY-JUN 2002	33	0.094	0.094	0.112	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
DTS	100-200FM	JUL-AUG 2002	26	-	18.583	0.138	0.138	-	0.037	0.000	0.000	-	0.029	0.000	0.000	
DTS	>200FM	SEP-OCT 2001	80	-	0.658	-	0.658	-	0.004	-	0.004	-	0.004	-	0.004	
DTS	>200FM	JAN-FEB 2002	176	-	3.171	-	3.171	-	0.010	-	0.010	-	0.009	-	0.009	
DTS	>200FM	MAR-APR 2002	255	-	5.034	-	5.034	-	0.018	-	0.018	-	0.017	-	0.017	
DTS	>200FM	MAY-JUN 2002	64	-	5.133	-	5.133	-	0.023	-	0.023	-	0.022	-	0.022	
DTS	>200FM	JUL-AUG 2002	14	-	8.485	-	8.485	-	0.035	-	0.035	-	0.033	-	0.033	
Shelf RKF	0-100FM	SEP-OCT 2001	6	-	55.678	-	89.447	-	0.300	-	0.454	-	0.197	-	0.302	
Shelf RKF	0-100FM	NOV-DEC 2001	54	0.837	0.360	0.837	0.360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Shelf RKF	0-100FM	MAR-APR 2002	8	0.653	0.653	0.653	0.653	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
Shelf RKF	0-100FM	MAY-JUN 2002	31	-	8.888	-	9.239	-	0.014	-	0.015	-	0.012	-	0.012	

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	s.e.				s.e.				s.e.			
				Discarded lbs per hr	Discarded lbs per hr	Bycatch lbs per hr	Bycatch lbs per hr	Discarded Target Species	Discarded Target Species	Bycatch Target Species	Bycatch Target Species	Discarded lbs per lb of Groundfish	Discarded lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish
Shelf RKF	0-100FM	JUL-AUG 2002	37	-	8.536	-	8.596	-	0.030	-	0.031	-	0.017	-	0.017
Shelf RKF	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	SEP-OCT 2001	1	1.383	---	1.383	---	0.002	---	0.002	---	0.002	---	0.002	---
Slope RKF	0-100FM	MAY-JUN 2002	2	-	64.211	2.525	2.525	-	0.163	0.006	0.006	-	0.096	0.004	0.004
Slope RKF	100-200FM	SEP-OCT 2001	5	-	5.667	-	26.094	-	0.025	-	0.126	-	0.016	-	0.083
Slope RKF	100-200FM	JAN-FEB 2002	11	2.074	1.723	2.074	1.723	0.005	0.004	0.005	0.004	0.004	0.003	0.004	0.003
Slope RKF	100-200FM	MAR-APR 2002	4	-	51.350	-	64.476	-	0.063	-	0.078	-	0.048	-	0.059
Slope RKF	100-200FM	MAY-JUN 2002	13	-	20.844	-	22.731	-	0.038	-	0.043	-	0.032	-	0.036
Slope RKF	100-200FM	JUL-AUG 2002	4	6.696	6.696	6.696	6.696	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007
Slope RKF	>200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	136	0.009	0.009	0.065	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	NOV-DEC 2001	82	0.009	0.009	0.009	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	JAN-FEB 2002	20	0.251	0.251	0.251	0.251	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	0-100FM	MAR-APR 2002	191	1.573	0.676	1.825	0.711	0.007	0.003	0.008	0.003	0.006	0.003	0.007	0.003
Flatfish	0-100FM	MAY-JUN 2002	429	0.011	0.010	0.061	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	JUL-AUG 2002	491	-	40.569	1.596	0.815	-	0.102	0.003	0.002	-	0.077	0.003	0.001
Flatfish	100-200FM	SEP-OCT 2001	23	-	26.635	-	39.774	-	0.070	-	0.111	-	0.055	-	0.085
Flatfish	100-200FM	NOV-DEC 2001	26	-	15.347	-	15.347	-	0.025	-	0.025	-	0.024	-	0.024
Flatfish	100-200FM	JAN-FEB 2002	74	0.502	0.233	0.502	0.233	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	100-200FM	MAR-APR 2002	33	-	10.797	0.075	0.075	-	0.047	0.000	0.000	-	0.033	0.000	0.000
Flatfish	100-200FM	MAY-JUN 2002	4	-	69.799	-	71.013	-	0.580	-	0.610	-	0.325	-	0.332
Flatfish	100-200FM	JUL-AUG 2002	21	-	50.243	-	61.283	-	0.026	-	0.033	-	0.020	-	0.025
Flatfish	>200FM	JAN-FEB 2002	48	0.088	0.074	0.088	0.074	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	>200FM	MAR-APR 2002	22	-	26.844	-	27.971	-	0.034	-	0.039	-	0.027	-	0.030
Flatfish	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Chilipepper															
DTS	0-100FM	SEP-OCT 2001	37	0.879	0.746	0.879	0.746	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
DTS	0-100FM	JAN-FEB 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	0-100FM	MAR-APR 2002	44	-	0.160	-	0.160	-	0.000	-	0.000	-	0.000	-	0.000
DTS	0-100FM	MAY-JUN 2002	121	0.126	0.098	0.928	0.724	0.000	0.000	0.004	0.003	0.000	0.000	0.002	0.002
DTS	0-100FM	JUL-AUG 2002	59	-	47.952	-	47.952	-	0.111	-	0.111	-	0.076	-	0.076
DTS	100-200FM	SEP-OCT 2001	38	0.111	0.041	0.111	0.041	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	100-200FM	JAN-FEB 2002	12	-	53.514	-	53.514	-	0.100	-	0.100	-	0.070	-	0.070
DTS	100-200FM	MAR-APR 2002	39	0.190	0.133	0.226	0.141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	100-200FM	MAY-JUN 2002	33	0.626	0.612	0.631	0.611	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001
DTS	100-200FM	JUL-AUG 2002	26	-	18.583	0.022	0.022	-	0.037	0.000	0.000	-	0.029	0.000	0.000
DTS	>200FM	SEP-OCT 2001	80	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	JAN-FEB 2002	176	-	3.171	-	3.171	-	0.010	-	0.010	-	0.009	-	0.009

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded				Bycatch				Groundfish			
				lbs per hr	s.e. lbs per hr	lbs per hr	s.e. lbs per hr	Target Species	s.e. lbs per lb Target Species	Target Species	s.e. lbs per lb Target Species	lbs per lb of Groundfish	s.e. lbs per lb of Groundfish	lbs per lb of Groundfish	s.e. lbs per lb of Groundfish
DTS	>200FM	MAR-APR 2002	255	-	5.034	-	5.034	-	0.018	-	0.018	-	0.017	-	0.017
DTS	>200FM	MAY-JUN 2002	64	-	5.133	0.006	0.006	-	0.023	0.000	0.000	-	0.022	0.000	0.000
DTS	>200FM	JUL-AUG 2002	14	-	8.485	-	8.485	-	0.035	-	0.035	-	0.033	-	0.033
Shelf RKF	0-100FM	SEP-OCT 2001	6	-	55.678	-	89.447	-	0.300	-	0.454	-	0.197	-	0.302
Shelf RKF	0-100FM	NOV-DEC 2001	54	0.005	0.005	0.005	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	0-100FM	MAR-APR 2002	8	-	0.653	-	0.653	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	MAY-JUN 2002	31	-	8.888	-	9.239	-	0.014	-	0.015	-	0.012	-	0.012
Shelf RKF	0-100FM	JUL-AUG 2002	37	5.024	2.984	5.024	2.984	0.008	0.006	0.008	0.006	0.006	0.004	0.006	0.004
Shelf RKF	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	MAY-JUN 2002	2	4.100	2.104	16.800	9.178	0.010	0.006	0.042	0.024	0.006	0.003	0.025	0.013
Slope RKF	100-200FM	SEP-OCT 2001	5	-	5.667	-	26.094	-	0.025	-	0.126	-	0.016	-	0.083
Slope RKF	100-200FM	JAN-FEB 2002	11	38.158	38.133	38.158	38.133	0.084	0.084	0.084	0.084	0.068	0.068	0.068	0.068
Slope RKF	100-200FM	MAR-APR 2002	4	-	51.350	-	64.476	-	0.063	-	0.078	-	0.048	-	0.059
Slope RKF	100-200FM	MAY-JUN 2002	13	0.324	0.324	0.478	0.478	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001
Slope RKF	100-200FM	JUL-AUG 2002	4	-	6.696	-	6.696	-	0.008	-	0.008	-	0.007	-	0.007
Slope RKF	>200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	136	0.352	0.236	0.352	0.236	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001
Flatfish	0-100FM	NOV-DEC 2001	82	-	0.009	-	0.009	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	JAN-FEB 2002	20	0.097	0.097	0.097	0.097	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	MAR-APR 2002	191	1.766	1.399	1.766	1.399	0.008	0.006	0.008	0.006	0.007	0.005	0.007	0.005
Flatfish	0-100FM	MAY-JUN 2002	429	0.302	0.302	0.310	0.302	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	0-100FM	JUL-AUG 2002	491	1.150	1.144	1.150	1.144	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Flatfish	100-200FM	SEP-OCT 2001	23	0.058	0.058	0.058	0.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	100-200FM	NOV-DEC 2001	26	-	15.347	-	15.347	-	0.025	-	0.025	-	0.024	-	0.024
Flatfish	100-200FM	JAN-FEB 2002	74	0.266	0.258	0.266	0.258	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	100-200FM	MAR-APR 2002	33	0.007	0.007	0.007	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	100-200FM	MAY-JUN 2002	4	-	69.799	-	71.013	-	0.580	-	0.610	-	0.325	-	0.332
Flatfish	100-200FM	JUL-AUG 2002	21	-	50.243	-	61.283	-	0.026	-	0.033	-	0.020	-	0.025
Flatfish	>200FM	JAN-FEB 2002	48	-	0.074	-	0.074	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	>200FM	MAR-APR 2002	22	0.006	0.006	0.006	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Canary RKF															
DTS	0-100FM	SEP-OCT 2001	37	1.067	0.423	2.045	0.653	0.003	0.001	0.006	0.002	0.002	0.001	0.004	0.001
DTS	0-100FM	JAN-FEB 2002	1	251.314	---	251.314	---	0.282	---	0.282	---	0.207	---	0.207	---
DTS	0-100FM	MAR-APR 2002	44	4.668	2.807	8.200	3.057	0.013	0.008	0.023	0.009	0.008	0.005	0.014	0.005
DTS	0-100FM	MAY-JUN 2002	121	0.401	0.156	1.681	0.451	0.002	0.001	0.006	0.002	0.001	0.000	0.004	0.001
DTS	0-100FM	JUL-AUG 2002	59	0.803	0.374	3.818	1.933	0.002	0.001	0.008	0.004	0.001	0.001	0.006	0.003

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e. Discarded lbs per hr	Bycatch lbs per hr	s.e. Bycatch lbs per hr	Discarded Target lbs per lb Species	s.e. Discarded Target lbs per lb Species	Bycatch Target lbs per lb Species	s.e. Bycatch Target lbs per lb Species	Discarded lbs per lb of Groundfish	s.e. Discarded lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish	s.e. Bycatch lbs per lb of Groundfish
Cowcod															
DTS	0-100FM	SEP-OCT 2001	37	-	0.423	-	0.653	-	0.001	-	0.002	-	0.001	-	0.001
DTS	0-100FM	JAN-FEB 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	0-100FM	MAR-APR 2002	44	-	2.807	-	3.057	-	0.008	-	0.009	-	0.005	-	0.005
DTS	0-100FM	MAY-JUN 2002	121	-	0.156	-	0.451	-	0.001	-	0.002	-	0.000	-	0.001
DTS	0-100FM	JUL-AUG 2002	59	-	0.374	-	1.933	-	0.001	-	0.004	-	0.001	-	0.003
DTS	100-200FM	SEP-OCT 2001	38	-	0.023	0.024	0.024	-	0.000	0.000	0.000	-	0.000	0.000	0.000
DTS	100-200FM	JAN-FEB 2002	12	-	0.847	-	0.847	-	0.002	-	0.002	-	0.001	-	0.001
DTS	100-200FM	MAR-APR 2002	39	-	0.205	-	0.207	-	0.000	-	0.000	-	0.000	-	0.000
DTS	100-200FM	MAY-JUN 2002	33	-	0.021	-	0.087	-	0.000	-	0.000	-	0.000	-	0.000
DTS	100-200FM	JUL-AUG 2002	26	-	18.583	-	0.041	-	0.037	-	0.000	-	0.029	-	0.000
DTS	>200FM	SEP-OCT 2001	80	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	JAN-FEB 2002	176	-	0.017	-	0.017	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	MAR-APR 2002	255	-	5.034	-	5.034	-	0.018	-	0.018	-	0.017	-	0.017
DTS	>200FM	MAY-JUN 2002	64	-	5.133	-	0.006	-	0.023	-	0.000	-	0.022	-	0.000
DTS	>200FM	JUL-AUG 2002	14	-	8.485	-	8.485	-	0.035	-	0.035	-	0.033	-	0.033
Shelf RKF	0-100FM	SEP-OCT 2001	6	-	5.021	-	5.021	-	0.021	-	0.021	-	0.015	-	0.015
Shelf RKF	0-100FM	NOV-DEC 2001	54	-	11.542	-	11.542	-	0.005	-	0.005	-	0.005	-	0.005
Shelf RKF	0-100FM	MAR-APR 2002	8	-	0.679	-	0.679	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	MAY-JUN 2002	31	-	0.839	-	0.839	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	JUL-AUG 2002	37	-	1.138	-	1.138	-	0.003	-	0.003	-	0.002	-	0.002
Shelf RKF	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	MAY-JUN 2002	2	-	2.104	-	1.601	-	0.006	-	0.004	-	0.003	-	0.002
Slope RKF	100-200FM	SEP-OCT 2001	5	-	5.667	-	26.094	-	0.025	-	0.126	-	0.016	-	0.083
Slope RKF	100-200FM	JAN-FEB 2002	11	-	1.961	-	1.961	-	0.004	-	0.004	-	0.003	-	0.003
Slope RKF	100-200FM	MAR-APR 2002	4	-	51.350	-	64.476	-	0.063	-	0.078	-	0.048	-	0.059
Slope RKF	100-200FM	MAY-JUN 2002	13	-	1.643	-	1.643	-	0.003	-	0.003	-	0.002	-	0.002
Slope RKF	100-200FM	JUL-AUG 2002	4	-	6.696	-	6.696	-	0.008	-	0.008	-	0.007	-	0.007
Slope RKF	>200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	136	-	0.357	-	0.424	-	0.002	-	0.002	-	0.001	-	0.002
Flatfish	0-100FM	NOV-DEC 2001	82	-	0.610	-	0.610	-	0.003	-	0.003	-	0.003	-	0.003
Flatfish	0-100FM	JAN-FEB 2002	20	-	4.424	-	4.424	-	0.047	-	0.047	-	0.028	-	0.028
Flatfish	0-100FM	MAR-APR 2002	191	-	1.150	-	1.344	-	0.005	-	0.006	-	0.004	-	0.005
Flatfish	0-100FM	MAY-JUN 2002	429	-	0.293	-	0.652	-	0.001	-	0.002	-	0.001	-	0.001
Flatfish	0-100FM	JUL-AUG 2002	491	-	0.174	-	0.810	-	0.000	-	0.002	-	0.000	-	0.001
Flatfish	100-200FM	SEP-OCT 2001	23	-	0.202	-	0.207	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	100-200FM	NOV-DEC 2001	26	-	0.180	-	0.180	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	100-200FM	JAN-FEB 2002	74	-	0.429	-	0.429	-	0.001	-	0.001	-	0.001	-	0.001

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	s.e.				s.e.				s.e.			
				Discarded lbs per hr	Discarded lbs per hr	Bycatch lbs per hr	Bycatch lbs per hr	Discarded lbs per lb Target Species	Discarded lbs per lb Target Species	Bycatch lbs per lb Target Species	Bycatch lbs per lb Target Species	Discarded lbs per lb of Groundfish	Discarded lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	33	0.050	0.050	0.050	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	100-200FM	MAY-JUN 2002	4	-	1.329	-	1.329	-	0.011	-	0.011	-	0.006	-	0.006
Flatfish	100-200FM	JUL-AUG 2002	21	-	50.243	-	0.115	-	0.026	-	0.000	-	0.020	-	0.000
Flatfish	>200FM	JAN-FEB 2002	48	-	0.025	-	0.163	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	>200FM	MAR-APR 2002	22	-	0.006	-	0.006	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Widow RKF															
DTS	0-100FM	SEP-OCT 2001	37	-	0.423	0.082	0.082	-	0.001	0.000	0.000	-	0.001	0.000	0.000
DTS	0-100FM	JAN-FEB 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	0-100FM	MAR-APR 2002	44	-	2.807	-	3.057	-	0.008	-	0.009	-	0.005	-	0.005
DTS	0-100FM	MAY-JUN 2002	121	0.002	0.002	0.012	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	0-100FM	JUL-AUG 2002	59	-	0.374	-	1.933	-	0.001	-	0.004	-	0.001	-	0.003
DTS	100-200FM	SEP-OCT 2001	38	0.100	0.053	0.222	0.076	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.000
DTS	100-200FM	JAN-FEB 2002	12	-	0.847	-	0.847	-	0.002	-	0.002	-	0.001	-	0.001
DTS	100-200FM	MAR-APR 2002	39	-	0.205	0.215	0.215	-	0.000	0.000	0.000	-	0.000	0.000	0.000
DTS	100-200FM	MAY-JUN 2002	33	-	0.021	0.038	0.027	-	0.000	0.000	0.000	-	0.000	0.000	0.000
DTS	100-200FM	JUL-AUG 2002	26	-	18.583	0.254	0.199	-	0.037	0.000	0.000	-	0.029	0.000	0.000
DTS	>200FM	SEP-OCT 2001	80	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	JAN-FEB 2002	176	0.006	0.006	0.006	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	MAR-APR 2002	255	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	MAY-JUN 2002	64	-	5.133	-	0.006	-	0.023	-	0.000	-	0.022	-	0.000
DTS	>200FM	JUL-AUG 2002	14	-	8.485	-	8.485	-	0.035	-	0.035	-	0.033	-	0.033
Shelf RKF	0-100FM	SEP-OCT 2001	6	-	5.021	-	5.021	-	0.021	-	0.021	-	0.015	-	0.015
Shelf RKF	0-100FM	NOV-DEC 2001	54	0.246	0.135	0.246	0.135	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	0-100FM	MAR-APR 2002	8	0.730	0.568	0.730	0.568	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Shelf RKF	0-100FM	MAY-JUN 2002	31	1.664	1.563	1.664	1.563	0.003	0.002	0.003	0.002	0.002	0.002	0.002	0.002
Shelf RKF	0-100FM	JUL-AUG 2002	37	-	1.138	-	1.138	-	0.003	-	0.003	-	0.002	-	0.002
Shelf RKF	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	SEP-OCT 2001	1	1.893	---	1.893	---	0.003	---	0.003	---	0.003	---	0.003	---
Slope RKF	0-100FM	MAY-JUN 2002	2	-	2.104	7.550	5.792	-	0.006	0.019	0.015	-	0.003	0.011	0.009
Slope RKF	100-200FM	SEP-OCT 2001	5	-	5.667	-	26.094	-	0.025	-	0.126	-	0.016	-	0.083
Slope RKF	100-200FM	JAN-FEB 2002	11	0.184	0.132	0.184	0.132	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	100-200FM	MAR-APR 2002	4	1.438	1.438	1.438	1.438	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Slope RKF	100-200FM	MAY-JUN 2002	13	0.727	0.454	0.802	0.454	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Slope RKF	100-200FM	JUL-AUG 2002	4	4.859	4.859	4.859	4.859	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005
Slope RKF	>200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	136	0.011	0.009	0.233	0.097	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.000
Flatfish	0-100FM	NOV-DEC 2001	82	-	0.610	0.015	0.015	-	0.003	0.000	0.000	-	0.003	0.000	0.000

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Discarded lbs per hr	Bycatch lbs per hr	s.e.	Discarded Target Species	s.e.	Discarded Target Species	Bycatch Target Species	s.e.	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish
					Discarded lbs per hr			Bycatch lbs per hr		Discarded Target Species			Bycatch Target Species			
Flatfish	0-100FM	JAN-FEB 2002	20	0.512	0.311	0.512	0.311	0.003	0.002	0.003	0.002	0.002	0.002	0.001	0.002	0.001
Flatfish	0-100FM	MAR-APR 2002	191	0.253	0.194	0.516	0.259	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.002	0.001
Flatfish	0-100FM	MAY-JUN 2002	429	-	0.293	0.018	0.010	-	0.001	0.000	0.000	0.000	-	0.001	0.000	0.000
Flatfish	0-100FM	JUL-AUG 2002	491	0.001	0.001	0.048	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	100-200FM	SEP-OCT 2001	23	-	0.202	0.028	0.028	-	0.000	0.000	0.000	0.000	-	0.000	0.000	0.000
Flatfish	100-200FM	NOV-DEC 2001	26	0.274	0.155	0.274	0.155	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	100-200FM	JAN-FEB 2002	74	0.138	0.104	0.138	0.104	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	100-200FM	MAR-APR 2002	33	0.059	0.041	0.151	0.066	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	100-200FM	MAY-JUN 2002	4	-	1.329	-	1.329	-	0.011	-	0.011	-	0.006	-	0.006	-
Flatfish	100-200FM	JUL-AUG 2002	21	-	50.243	-	0.115	-	0.026	-	0.000	-	0.020	-	0.000	-
Flatfish	>200FM	JAN-FEB 2002	48	0.193	0.083	0.193	0.083	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	>200FM	MAR-APR 2002	22	0.772	0.723	0.772	0.723	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---	-
Yellowtail RKF																
DTS	0-100FM	SEP-OCT 2001	37	0.697	0.439	1.099	0.531	0.002	0.001	0.003	0.001	0.001	0.001	0.001	0.002	0.001
DTS	0-100FM	JAN-FEB 2002	1	40.286	---	40.286	---	0.045	---	0.045	---	0.033	---	0.033	---	---
DTS	0-100FM	MAR-APR 2002	44	0.170	0.170	9.595	7.891	0.000	0.000	0.027	0.022	0.000	0.000	0.016	0.014	0.014
DTS	0-100FM	MAY-JUN 2002	121	0.002	0.002	5.403	2.233	0.000	0.000	0.021	0.009	0.000	0.000	0.014	0.006	0.006
DTS	0-100FM	JUL-AUG 2002	59	0.013	0.013	1.909	1.381	0.000	0.000	0.004	0.003	0.000	0.000	0.003	0.002	0.002
DTS	100-200FM	SEP-OCT 2001	38	-	0.053	0.040	0.040	-	0.000	0.000	0.000	-	0.000	0.000	0.000	0.000
DTS	100-200FM	JAN-FEB 2002	12	14.550	14.550	14.550	14.550	0.026	0.026	0.026	0.026	0.019	0.019	0.019	0.019	0.019
DTS	100-200FM	MAR-APR 2002	39	4.841	3.082	4.901	3.081	0.008	0.005	0.008	0.005	0.006	0.004	0.006	0.004	0.004
DTS	100-200FM	MAY-JUN 2002	33	-	0.021	0.028	0.028	-	0.000	0.000	0.000	-	0.000	0.000	0.000	0.000
DTS	100-200FM	JUL-AUG 2002	26	0.028	0.028	0.385	0.322	0.000	0.000	0.001	0.001	0.000	0.000	0.001	0.000	0.000
DTS	>200FM	SEP-OCT 2001	80	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-
DTS	>200FM	JAN-FEB 2002	176	-	0.006	-	0.006	-	0.000	-	0.000	-	0.000	-	0.000	-
DTS	>200FM	MAR-APR 2002	255	0.004	0.004	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	MAY-JUN 2002	64	-	5.133	-	0.006	-	0.023	-	0.000	-	0.022	-	0.000	-
DTS	>200FM	JUL-AUG 2002	14	-	8.485	-	8.485	-	0.035	-	0.035	-	0.033	-	0.033	-
Shelf RKF	0-100FM	SEP-OCT 2001	6	0.222	0.222	0.222	0.222	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Shelf RKF	0-100FM	NOV-DEC 2001	54	212.127	118.748	212.127	118.748	0.098	0.055	0.098	0.055	0.097	0.055	0.097	0.055	0.055
Shelf RKF	0-100FM	MAR-APR 2002	8	-	0.568	-	0.568	-	0.001	-	0.001	-	0.001	-	0.001	-
Shelf RKF	0-100FM	MAY-JUN 2002	31	72.300	55.044	72.300	55.044	0.111	0.086	0.111	0.086	0.092	0.071	0.092	0.071	0.071
Shelf RKF	0-100FM	JUL-AUG 2002	37	-	1.138	-	1.138	-	0.003	-	0.003	-	0.002	-	0.002	-
Shelf RKF	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---	-
Shelf RKF	100-200FM	MAY-JUN 2002	1	-	---	-	---	-	---	-	---	-	---	-	---	-
Shelf RKF	100-200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---	-
Slope RKF	0-100FM	SEP-OCT 2001	1	80.735	---	80.735	---	0.121	---	0.121	---	0.110	---	0.110	---	---
Slope RKF	0-100FM	MAY-JUN 2002	2	-	2.104	-	5.792	-	0.006	-	0.015	-	0.003	-	0.009	-
Slope RKF	100-200FM	SEP-OCT 2001	5	-	5.667	-	26.094	-	0.025	-	0.126	-	0.016	-	0.083	-

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	s.e.				s.e.				s.e.			
				Discarded lbs per hr	Discarded lbs per hr	Bycatch lbs per hr	Bycatch lbs per hr	Discarded Target Species	Discarded Target Species	Bycatch Target Species	Bycatch Target Species	Discarded lbs per lb of Groundfish	Discarded lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish
DTS	>200FM	MAR-APR 2002	255	0.049	0.036	0.101	0.049	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	MAY-JUN 2002	64	1.045	0.967	1.228	0.978	0.004	0.004	0.005	0.004	0.004	0.004	0.005	0.004
DTS	>200FM	JUL-AUG 2002	14	0.013	0.013	0.812	0.799	0.000	0.000	0.003	0.003	0.000	0.000	0.003	0.003
Shelf RKF	0-100FM	SEP-OCT 2001	6	3.195	2.899	3.195	2.899	0.013	0.012	0.013	0.012	0.009	0.009	0.009	0.009
Shelf RKF	0-100FM	NOV-DEC 2001	54	0.361	0.350	0.566	0.405	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	0-100FM	MAR-APR 2002	8	-	0.568	-	0.568	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	MAY-JUN 2002	31	0.246	0.225	4.264	4.002	0.000	0.000	0.007	0.006	0.000	0.000	0.005	0.005
Shelf RKF	0-100FM	JUL-AUG 2002	37	2.441	2.219	2.462	2.219	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
Shelf RKF	100-200FM	MAR-APR 2002	1	-	---	5.268	---	-	---	0.035	---	-	---	0.022	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	30.194	---	30.194	---	0.375	---	0.375	---	0.161	---	0.161	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	MAY-JUN 2002	2	83.863	62.820	83.863	62.820	0.212	0.161	0.212	0.161	0.126	0.093	0.126	0.093
Slope RKF	100-200FM	SEP-OCT 2001	5	86.110	57.671	86.110	57.671	0.383	0.291	0.383	0.291	0.243	0.195	0.243	0.195
Slope RKF	100-200FM	JAN-FEB 2002	11	52.350	35.819	52.350	35.819	0.115	0.074	0.115	0.074	0.093	0.059	0.093	0.059
Slope RKF	100-200FM	MAR-APR 2002	4	-	1.438	-	1.438	-	0.002	-	0.002	-	0.002	-	0.002
Slope RKF	100-200FM	MAY-JUN 2002	13	64.379	34.348	64.379	34.348	0.109	0.062	0.109	0.062	0.094	0.053	0.094	0.053
Slope RKF	100-200FM	JUL-AUG 2002	4	-	4.859	-	4.859	-	0.006	-	0.006	-	0.005	-	0.005
Slope RKF	>200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	136	2.128	0.422	2.231	0.440	0.010	0.002	0.010	0.002	0.008	0.002	0.009	0.002
Flatfish	0-100FM	NOV-DEC 2001	82	-	2.174	-	2.367	-	0.012	-	0.013	-	0.011	-	0.012
Flatfish	0-100FM	JAN-FEB 2002	20	0.235	0.221	0.235	0.221	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	0-100FM	MAR-APR 2002	191	1.185	0.267	1.185	0.267	0.005	0.001	0.005	0.001	0.004	0.001	0.004	0.001
Flatfish	0-100FM	MAY-JUN 2002	429	0.848	0.326	0.858	0.326	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001
Flatfish	0-100FM	JUL-AUG 2002	491	0.198	0.069	0.211	0.069	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	100-200FM	SEP-OCT 2001	23	49.471	17.007	50.410	17.007	0.116	0.045	0.118	0.045	0.094	0.035	0.095	0.035
Flatfish	100-200FM	NOV-DEC 2001	26	65.217	26.086	65.344	26.076	0.102	0.042	0.102	0.042	0.100	0.041	0.100	0.041
Flatfish	100-200FM	JAN-FEB 2002	74	4.763	1.564	5.875	1.596	0.012	0.004	0.015	0.004	0.011	0.004	0.013	0.004
Flatfish	100-200FM	MAR-APR 2002	33	5.804	2.969	5.846	2.967	0.023	0.012	0.023	0.012	0.016	0.009	0.016	0.009
Flatfish	100-200FM	MAY-JUN 2002	4	9.561	9.356	14.965	10.892	0.078	0.077	0.123	0.094	0.044	0.043	0.070	0.051
Flatfish	100-200FM	JUL-AUG 2002	21	1.724	1.724	3.036	2.018	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001
Flatfish	>200FM	JAN-FEB 2002	48	4.034	2.443	4.163	2.441	0.007	0.004	0.007	0.004	0.006	0.004	0.006	0.004
Flatfish	>200FM	MAR-APR 2002	22	0.398	0.364	0.398	0.364	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
POP															
DTS	0-100FM	SEP-OCT 2001	37	0.685	0.531	4.783	1.916	0.002	0.001	0.013	0.005	0.001	0.001	0.010	0.004
DTS	0-100FM	JAN-FEB 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	0-100FM	MAR-APR 2002	44	0.015	0.015	0.109	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	0-100FM	MAY-JUN 2002	121	0.006	0.006	0.102	0.062	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	0-100FM	JUL-AUG 2002	59	-	1.293	5.034	3.160	-	0.003	0.011	0.007	-	0.002	0.007	0.005

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded Target Species	s.e.	Bycatch Target Species	s.e.	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr		Discarded Target Species		Bycatch Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Splitnose RKF															
DTS	0-100FM	SEP-OCT 2001	37	7.335	6.528	7.540	6.526	0.020	0.018	0.021	0.018	0.015	0.014	0.016	0.014
DTS	0-100FM	JAN-FEB 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	0-100FM	MAR-APR 2002	44	0.684	0.446	0.707	0.451	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001
DTS	0-100FM	MAY-JUN 2002	121	0.160	0.098	0.171	0.107	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000
DTS	0-100FM	JUL-AUG 2002	59	1.430	1.051	1.430	1.051	0.003	0.002	0.003	0.002	0.002	0.002	0.002	0.002
DTS	100-200FM	SEP-OCT 2001	38	10.784	6.888	10.793	6.897	0.040	0.026	0.040	0.026	0.031	0.020	0.031	0.020
DTS	100-200FM	JAN-FEB 2002	12	4.992	3.268	6.267	4.308	0.009	0.006	0.011	0.008	0.006	0.004	0.008	0.006
DTS	100-200FM	MAR-APR 2002	39	12.738	6.418	13.217	6.428	0.020	0.011	0.021	0.011	0.016	0.008	0.017	0.009
DTS	100-200FM	MAY-JUN 2002	33	23.041	10.330	23.556	10.320	0.062	0.028	0.063	0.028	0.048	0.022	0.049	0.022
DTS	100-200FM	JUL-AUG 2002	26	24.115	14.923	24.448	14.908	0.046	0.029	0.047	0.029	0.036	0.023	0.037	0.023
DTS	>200FM	SEP-OCT 2001	80	0.002	0.002	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	JAN-FEB 2002	176	0.369	0.268	0.395	0.268	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
DTS	>200FM	MAR-APR 2002	255	0.153	0.103	0.167	0.103	0.001	0.000	0.001	0.000	0.000	0.000	0.001	0.000
DTS	>200FM	MAY-JUN 2002	64	0.069	0.044	0.072	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	JUL-AUG 2002	14	-	0.013	0.051	0.041	-	0.000	0.000	0.000	-	0.000	0.000	0.000
Shelf RKF	0-100FM	SEP-OCT 2001	6	-	2.899	-	5.559	-	0.012	-	0.023	-	0.009	-	0.016
Shelf RKF	0-100FM	NOV-DEC 2001	54	-	0.053	-	0.053	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	0-100FM	MAR-APR 2002	8	-	0.568	-	0.568	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	MAY-JUN 2002	31	0.017	0.017	0.057	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	0-100FM	JUL-AUG 2002	37	1.710	1.710	1.710	1.710	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002
Shelf RKF	100-200FM	MAR-APR 2002	1	15.510	---	15.510	---	0.104	---	0.104	---	0.064	---	0.064	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	8.935	---	8.935	---	0.111	---	0.111	---	0.048	---	0.048	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	SEP-OCT 2001	1	7.136	---	7.136	---	0.011	---	0.011	---	0.010	---	0.010	---
Slope RKF	0-100FM	MAY-JUN 2002	2	50.975	26.549	50.975	26.549	0.129	0.070	0.129	0.070	0.077	0.037	0.077	0.037
Slope RKF	100-200FM	SEP-OCT 2001	5	160.668	112.356	160.668	112.356	0.715	0.558	0.715	0.558	0.454	0.371	0.454	0.371
Slope RKF	100-200FM	JAN-FEB 2002	11	67.774	38.985	67.774	38.985	0.149	0.077	0.149	0.077	0.121	0.061	0.121	0.061
Slope RKF	100-200FM	MAR-APR 2002	4	28.768	24.456	28.768	24.456	0.044	0.035	0.044	0.035	0.032	0.026	0.032	0.026
Slope RKF	100-200FM	MAY-JUN 2002	13	152.796	133.602	152.796	133.602	0.259	0.228	0.259	0.228	0.223	0.196	0.223	0.196
Slope RKF	100-200FM	JUL-AUG 2002	4	0.089	0.089	0.089	0.089	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	>200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	136	0.309	0.289	0.319	0.290	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	0-100FM	NOV-DEC 2001	82	0.121	0.121	0.121	0.121	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	0-100FM	JAN-FEB 2002	20	-	0.191	-	0.191	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	0-100FM	MAR-APR 2002	191	0.219	0.174	0.219	0.174	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	0-100FM	MAY-JUN 2002	429	0.012	0.011	0.012	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	JUL-AUG 2002	491	1.258	0.900	1.258	0.900	0.003	0.002	0.003	0.002	0.002	0.002	0.002	0.002
Flatfish	100-200FM	SEP-OCT 2001	23	5.086	2.979	5.107	2.978	0.012	0.007	0.012	0.007	0.010	0.006	0.010	0.006
Flatfish	100-200FM	NOV-DEC 2001	26	0.291	0.109	0.291	0.109	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	100-200FM	JAN-FEB 2002	74	10.011	6.008	10.055	6.008	0.025	0.015	0.025	0.015	0.023	0.014	0.023	0.014

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded Target Species	s.e.	Bycatch Target Species	s.e.	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr		Discarded Target Species		Bycatch Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	33	7.177	2.574	7.181	2.574	0.028	0.011	0.028	0.011	0.020	0.008	0.020	0.008
Flatfish	100-200FM	MAY-JUN 2002	4	64.792	48.043	65.255	48.009	0.530	0.412	0.534	0.412	0.301	0.225	0.303	0.225
Flatfish	100-200FM	JUL-AUG 2002	21	2.206	2.206	3.958	2.450	0.001	0.001	0.002	0.001	0.001	0.001	0.002	0.001
Flatfish	>200FM	JAN-FEB 2002	48	2.030	0.664	2.103	0.662	0.003	0.001	0.004	0.001	0.003	0.001	0.003	0.001
Flatfish	>200FM	MAR-APR 2002	22	6.902	6.805	6.902	6.805	0.008	0.008	0.008	0.008	0.006	0.006	0.006	0.006
Flatfish	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Black RKF															
DTS	0-100FM	SEP-OCT 2001	37	-	6.528	-	6.526	-	0.018	-	0.018	-	0.014	-	0.014
DTS	0-100FM	JAN-FEB 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	0-100FM	MAR-APR 2002	44	-	0.446	-	0.451	-	0.001	-	0.001	-	0.001	-	0.001
DTS	0-100FM	MAY-JUN 2002	121	-	0.098	-	0.107	-	0.000	-	0.000	-	0.000	-	0.000
DTS	0-100FM	JUL-AUG 2002	59	-	1.051	-	1.051	-	0.002	-	0.002	-	0.002	-	0.002
DTS	100-200FM	SEP-OCT 2001	38	-	6.888	-	6.897	-	0.026	-	0.026	-	0.020	-	0.020
DTS	100-200FM	JAN-FEB 2002	12	-	3.268	-	4.308	-	0.006	-	0.008	-	0.004	-	0.006
DTS	100-200FM	MAR-APR 2002	39	-	6.418	-	6.428	-	0.011	-	0.011	-	0.008	-	0.009
DTS	100-200FM	MAY-JUN 2002	33	-	10.330	-	10.320	-	0.028	-	0.028	-	0.022	-	0.022
DTS	100-200FM	JUL-AUG 2002	26	-	14.923	-	14.908	-	0.029	-	0.029	-	0.023	-	0.023
DTS	>200FM	SEP-OCT 2001	80	-	0.002	-	0.002	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	JAN-FEB 2002	176	-	0.268	-	0.268	-	0.001	-	0.001	-	0.001	-	0.001
DTS	>200FM	MAR-APR 2002	255	-	0.103	-	0.103	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	MAY-JUN 2002	64	-	0.044	-	0.044	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	JUL-AUG 2002	14	-	0.013	-	0.041	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	0-100FM	SEP-OCT 2001	6	-	2.899	-	5.559	-	0.012	-	0.023	-	0.009	-	0.016
Shelf RKF	0-100FM	NOV-DEC 2001	54	-	0.053	-	0.053	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	0-100FM	MAR-APR 2002	8	-	0.568	-	0.568	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	MAY-JUN 2002	31	-	0.017	-	0.044	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	0-100FM	JUL-AUG 2002	37	-	1.710	0.628	0.628	-	0.003	0.001	0.001	-	0.002	0.001	0.001
Shelf RKF	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	MAY-JUN 2002	2	-	26.549	-	26.549	-	0.070	-	0.070	-	0.037	-	0.037
Slope RKF	100-200FM	SEP-OCT 2001	5	-	112.356	-	112.356	-	0.558	-	0.558	-	0.371	-	0.371
Slope RKF	100-200FM	JAN-FEB 2002	11	-	38.985	-	38.985	-	0.077	-	0.077	-	0.061	-	0.061
Slope RKF	100-200FM	MAR-APR 2002	4	-	24.456	-	24.456	-	0.035	-	0.035	-	0.026	-	0.026
Slope RKF	100-200FM	MAY-JUN 2002	13	-	133.602	-	133.602	-	0.228	-	0.228	-	0.196	-	0.196
Slope RKF	100-200FM	JUL-AUG 2002	4	-	0.089	-	0.089	-	0.000	-	0.000	-	0.000	-	0.000
Slope RKF	>200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	136	0.100	0.078	0.575	0.278	0.000	0.000	0.003	0.001	0.000	0.000	0.002	0.001
Flatfish	0-100FM	NOV-DEC 2001	82	2.792	0.914	2.792	0.914	0.016	0.005	0.016	0.005	0.014	0.004	0.014	0.004

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded				Bycatch				Discarded				Bycatch			
				lbs per hr	s.e. lbs per hr	lbs per hr	s.e. lbs per hr	lbs per hr	s.e. lbs per hr	Target Species	s.e. lbs per lb Target Species	lbs per lb Target Species	s.e. lbs per lb Target Species	lbs per lb of Groundfish	s.e. lbs per lb of Groundfish	lbs per lb of Groundfish	s.e. lbs per lb of Groundfish	lbs per lb of Groundfish	s.e. lbs per lb of Groundfish
Flatfish	0-100FM	JAN-FEB 2002	20	-	0.191	-	0.191	-	0.001	-	0.001	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	0-100FM	MAR-APR 2002	191	-	0.174	-	0.174	-	0.001	-	0.001	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	0-100FM	MAY-JUN 2002	429	-	0.011	-	0.011	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	JUL-AUG 2002	491	-	0.900	-	0.900	-	0.002	-	0.002	-	0.002	-	0.002	-	0.002	-	0.002
Flatfish	100-200FM	SEP-OCT 2001	23	-	2.979	-	2.978	-	0.007	-	0.007	-	0.007	-	0.006	-	0.006	-	0.006
Flatfish	100-200FM	NOV-DEC 2001	26	-	0.109	-	0.109	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	100-200FM	JAN-FEB 2002	74	-	6.008	-	6.008	-	0.015	-	0.015	-	0.015	-	0.014	-	0.014	-	0.014
Flatfish	100-200FM	MAR-APR 2002	33	-	2.574	-	2.574	-	0.011	-	0.011	-	0.011	-	0.008	-	0.008	-	0.008
Flatfish	100-200FM	MAY-JUN 2002	4	-	48.043	-	48.009	-	0.412	-	0.412	-	0.412	-	0.225	-	0.225	-	0.225
Flatfish	100-200FM	JUL-AUG 2002	21	-	2.206	-	2.450	-	0.001	-	0.001	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	>200FM	JAN-FEB 2002	48	-	0.664	-	0.662	-	0.001	-	0.001	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	>200FM	MAR-APR 2002	22	-	6.805	-	6.805	-	0.008	-	0.008	-	0.008	-	0.006	-	0.006	-	0.006
Flatfish	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---	-	---	-	---
Lingcod																			
DTS	0-100FM	SEP-OCT 2001	37	9.637	2.432	13.292	2.588	0.026	0.007	0.036	0.008	0.020	0.005	0.028	0.006	0.006	0.006	0.006	0.006
DTS	0-100FM	JAN-FEB 2002	1	17.400	---	17.400	---	0.020	---	0.020	---	0.014	---	0.014	---	0.014	---	0.014	---
DTS	0-100FM	MAR-APR 2002	44	12.296	3.750	17.401	4.510	0.034	0.011	0.048	0.014	0.021	0.007	0.030	0.008	0.008	0.008	0.008	0.008
DTS	0-100FM	MAY-JUN 2002	121	19.472	7.691	26.528	9.938	0.074	0.030	0.101	0.038	0.049	0.019	0.067	0.025	0.025	0.025	0.025	0.025
DTS	0-100FM	JUL-AUG 2002	59	20.216	6.098	23.273	6.332	0.044	0.014	0.051	0.015	0.030	0.010	0.034	0.010	0.010	0.010	0.010	0.010
DTS	100-200FM	SEP-OCT 2001	38	3.548	1.536	10.930	2.583	0.013	0.006	0.041	0.010	0.010	0.004	0.031	0.008	0.008	0.008	0.008	0.008
DTS	100-200FM	JAN-FEB 2002	12	11.442	9.763	11.442	9.763	0.020	0.017	0.020	0.017	0.015	0.012	0.015	0.012	0.012	0.012	0.012	0.012
DTS	100-200FM	MAR-APR 2002	39	10.960	5.221	11.396	5.221	0.018	0.009	0.018	0.009	0.014	0.007	0.015	0.007	0.007	0.007	0.007	0.007
DTS	100-200FM	MAY-JUN 2002	33	3.627	1.399	8.017	2.152	0.010	0.004	0.022	0.006	0.008	0.003	0.017	0.005	0.005	0.005	0.005	0.005
DTS	100-200FM	JUL-AUG 2002	26	5.953	2.696	19.568	7.303	0.011	0.005	0.038	0.015	0.009	0.004	0.029	0.011	0.011	0.011	0.011	0.011
DTS	>200FM	SEP-OCT 2001	80	-	0.002	-	0.002	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	JAN-FEB 2002	176	0.046	0.032	0.125	0.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	MAR-APR 2002	255	0.085	0.048	0.091	0.049	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	MAY-JUN 2002	64	-	0.044	0.062	0.062	-	0.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	JUL-AUG 2002	14	-	0.013	-	0.041	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	0-100FM	SEP-OCT 2001	6	54.776	21.749	54.776	21.749	0.222	0.168	0.222	0.168	0.159	0.103	0.159	0.103	0.103	0.103	0.103	0.103
Shelf RKF	0-100FM	NOV-DEC 2001	54	0.751	0.341	0.751	0.341	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	0-100FM	MAR-APR 2002	8	3.494	1.809	3.494	1.809	0.007	0.004	0.007	0.004	0.006	0.003	0.006	0.003	0.003	0.003	0.003	0.003
Shelf RKF	0-100FM	MAY-JUN 2002	31	4.157	1.333	4.157	1.333	0.006	0.002	0.006	0.002	0.005	0.002	0.005	0.002	0.002	0.002	0.002	0.002
Shelf RKF	0-100FM	JUL-AUG 2002	37	38.592	12.205	38.592	12.205	0.065	0.041	0.065	0.041	0.047	0.024	0.047	0.024	0.024	0.024	0.024	0.024
Shelf RKF	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	7.548	---	7.548	---	0.094	---	0.094	---	0.040	---	0.040	---	0.040	---	0.040	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	SEP-OCT 2001	1	50.601	---	50.601	---	0.076	---	0.076	---	0.069	---	0.069	---	0.069	---	0.069	---
Slope RKF	0-100FM	MAY-JUN 2002	2	105.563	57.905	120.588	67.882	0.267	0.152	0.305	0.177	0.159	0.082	0.181	0.097	0.097	0.097	0.097	0.097
Slope RKF	100-200FM	SEP-OCT 2001	5	0.333	0.333	4.293	4.293	0.001	0.001	0.019	0.019	0.001	0.001	0.012	0.012	0.012	0.012	0.012	0.012

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded Target Species	s.e.	Bycatch Target Species	s.e.	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr		Discarded Target Species		Bycatch Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Slope RKF	100-200FM	JAN-FEB 2002	11	12.707	9.236	12.707	9.236	0.028	0.019	0.028	0.019	0.023	0.016	0.023	0.016
Slope RKF	100-200FM	MAR-APR 2002	4	2.755	2.755	2.755	2.755	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
Slope RKF	100-200FM	MAY-JUN 2002	13	5.926	2.880	7.890	3.212	0.010	0.005	0.013	0.006	0.009	0.004	0.012	0.005
Slope RKF	100-200FM	JUL-AUG 2002	4	-	0.089	5.925	5.925	-	0.000	0.007	0.007	-	0.000	0.006	0.006
Slope RKF	>200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	136	9.049	1.621	11.468	1.750	0.042	0.008	0.054	0.009	0.036	0.007	0.045	0.008
Flatfish	0-100FM	NOV-DEC 2001	82	12.367	4.130	13.201	4.293	0.070	0.023	0.074	0.024	0.061	0.020	0.065	0.021
Flatfish	0-100FM	JAN-FEB 2002	20	14.704	5.262	15.939	5.167	0.074	0.049	0.080	0.052	0.055	0.029	0.059	0.031
Flatfish	0-100FM	MAR-APR 2002	191	7.946	2.435	11.281	2.544	0.036	0.011	0.051	0.012	0.029	0.009	0.042	0.010
Flatfish	0-100FM	MAY-JUN 2002	429	10.264	1.034	15.694	1.368	0.026	0.003	0.039	0.005	0.018	0.002	0.027	0.003
Flatfish	0-100FM	JUL-AUG 2002	491	36.625	7.220	41.221	7.927	0.079	0.018	0.089	0.019	0.062	0.013	0.070	0.015
Flatfish	100-200FM	SEP-OCT 2001	23	1.226	0.946	1.760	1.103	0.003	0.002	0.004	0.003	0.002	0.002	0.003	0.002
Flatfish	100-200FM	NOV-DEC 2001	26	2.648	1.556	3.074	1.968	0.004	0.002	0.005	0.003	0.004	0.002	0.005	0.003
Flatfish	100-200FM	JAN-FEB 2002	74	2.031	0.509	2.093	0.511	0.005	0.001	0.005	0.001	0.005	0.001	0.005	0.001
Flatfish	100-200FM	MAR-APR 2002	33	8.778	2.829	13.782	3.457	0.034	0.012	0.054	0.016	0.024	0.009	0.038	0.012
Flatfish	100-200FM	MAY-JUN 2002	4	12.138	11.033	23.081	13.882	0.099	0.091	0.189	0.125	0.056	0.051	0.107	0.065
Flatfish	100-200FM	JUL-AUG 2002	21	5.722	4.042	7.504	5.238	0.003	0.002	0.004	0.003	0.002	0.002	0.003	0.002
Flatfish	>200FM	JAN-FEB 2002	48	2.194	0.899	2.528	1.186	0.004	0.002	0.004	0.002	0.003	0.001	0.004	0.002
Flatfish	>200FM	MAR-APR 2002	22	-	6.805	0.228	0.158	-	0.008	0.000	0.000	-	0.006	0.000	0.000
Flatfish	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Pacific Halibut															
DTS	0-100FM	SEP-OCT 2001	37	0.445	0.445	0.445	0.445	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
DTS	0-100FM	JAN-FEB 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	0-100FM	MAR-APR 2002	44	6.359	3.685	6.359	3.685	0.018	0.010	0.018	0.010	0.011	0.006	0.011	0.006
DTS	0-100FM	MAY-JUN 2002	121	9.070	4.689	9.070	4.689	0.035	0.018	0.035	0.018	0.023	0.012	0.023	0.012
DTS	0-100FM	JUL-AUG 2002	59	3.845	2.217	3.845	2.217	0.008	0.005	0.008	0.005	0.006	0.003	0.006	0.003
DTS	100-200FM	SEP-OCT 2001	38	1.086	0.830	1.086	0.830	0.004	0.003	0.004	0.003	0.003	0.002	0.003	0.002
DTS	100-200FM	JAN-FEB 2002	12	0.197	0.197	0.197	0.197	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	100-200FM	MAR-APR 2002	39	7.682	5.860	7.682	5.860	0.012	0.009	0.012	0.009	0.010	0.008	0.010	0.008
DTS	100-200FM	MAY-JUN 2002	33	-	1.399	-	2.152	-	0.004	-	0.006	-	0.003	-	0.005
DTS	100-200FM	JUL-AUG 2002	26	4.107	1.830	4.107	1.830	0.008	0.004	0.008	0.004	0.006	0.003	0.006	0.003
DTS	>200FM	SEP-OCT 2001	80	-	0.002	-	0.002	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	JAN-FEB 2002	176	0.989	0.464	0.989	0.464	0.003	0.001	0.003	0.001	0.003	0.001	0.003	0.001
DTS	>200FM	MAR-APR 2002	255	0.498	0.171	0.498	0.171	0.002	0.001	0.002	0.001	0.002	0.001	0.002	0.001
DTS	>200FM	MAY-JUN 2002	64	0.114	0.114	0.114	0.114	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	JUL-AUG 2002	14	-	0.013	-	0.041	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	0-100FM	SEP-OCT 2001	6	-	21.749	-	21.749	-	0.168	-	0.168	-	0.103	-	0.103
Shelf RKF	0-100FM	NOV-DEC 2001	54	0.174	0.174	0.174	0.174	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	0-100FM	MAR-APR 2002	8	6.115	6.115	6.115	6.115	0.012	0.012	0.012	0.012	0.010	0.010	0.010	0.010
Shelf RKF	0-100FM	MAY-JUN 2002	31	6.933	6.048	6.933	6.048	0.011	0.009	0.011	0.009	0.009	0.008	0.009	0.008

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded Target Species	s.e.	Bycatch Target Species	s.e.	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr		Discarded Target Species		Bycatch Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
DTS	>200FM	MAR-APR 2002	255	0.167	0.166	0.167	0.166	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
DTS	>200FM	MAY-JUN 2002	64	-	0.114	-	0.114	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	JUL-AUG 2002	14	-	0.013	-	0.041	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	0-100FM	SEP-OCT 2001	6	0.222	0.222	0.222	0.222	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Shelf RKF	0-100FM	NOV-DEC 2001	54	1.335	0.418	1.335	0.418	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
Shelf RKF	0-100FM	MAR-APR 2002	8	0.741	0.741	0.741	0.741	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Shelf RKF	0-100FM	MAY-JUN 2002	31	-	6.048	-	6.048	-	0.009	-	0.009	-	0.008	-	0.008
Shelf RKF	0-100FM	JUL-AUG 2002	37	0.904	0.755	0.904	0.755	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001
Shelf RKF	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	0-100FM	MAY-JUN 2002	2	-	57.905	-	67.882	-	0.152	-	0.177	-	0.082	-	0.097
Slope RKF	100-200FM	SEP-OCT 2001	5	-	0.333	-	4.293	-	0.001	-	0.019	-	0.001	-	0.012
Slope RKF	100-200FM	JAN-FEB 2002	11	3.861	2.286	3.861	2.286	0.008	0.005	0.008	0.005	0.007	0.004	0.007	0.004
Slope RKF	100-200FM	MAR-APR 2002	4	-	1.765	-	1.765	-	0.002	-	0.002	-	0.002	-	0.002
Slope RKF	100-200FM	MAY-JUN 2002	13	-	0.365	-	0.365	-	0.001	-	0.001	-	0.001	-	0.001
Slope RKF	100-200FM	JUL-AUG 2002	4	-	0.089	-	5.925	-	0.000	-	0.007	-	0.000	-	0.006
Slope RKF	>200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	136	0.429	0.131	0.439	0.133	0.002	0.001	0.002	0.001	0.002	0.001	0.002	0.001
Flatfish	0-100FM	NOV-DEC 2001	82	1.146	0.331	1.146	0.331	0.006	0.002	0.006	0.002	0.006	0.002	0.006	0.002
Flatfish	0-100FM	JAN-FEB 2002	20	3.463	1.088	3.463	1.088	0.017	0.011	0.017	0.011	0.013	0.007	0.013	0.007
Flatfish	0-100FM	MAR-APR 2002	191	1.825	0.726	1.825	0.726	0.008	0.003	0.008	0.003	0.007	0.003	0.007	0.003
Flatfish	0-100FM	MAY-JUN 2002	429	0.101	0.030	0.101	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	JUL-AUG 2002	491	0.514	0.142	0.514	0.142	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
Flatfish	100-200FM	SEP-OCT 2001	23	0.244	0.244	0.244	0.244	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000
Flatfish	100-200FM	NOV-DEC 2001	26	0.719	0.526	0.719	0.526	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	100-200FM	JAN-FEB 2002	74	0.992	0.313	0.992	0.313	0.002	0.001	0.002	0.001	0.002	0.001	0.002	0.001
Flatfish	100-200FM	MAR-APR 2002	33	13.706	9.272	13.706	9.272	0.053	0.037	0.053	0.037	0.038	0.026	0.038	0.026
Flatfish	100-200FM	MAY-JUN 2002	4	-	0.866	-	0.866	-	0.008	-	0.008	-	0.004	-	0.004
Flatfish	100-200FM	JUL-AUG 2002	21	-	4.042	-	5.238	-	0.002	-	0.003	-	0.002	-	0.002
Flatfish	>200FM	JAN-FEB 2002	48	16.564	15.707	16.564	15.707	0.028	0.027	0.028	0.027	0.025	0.024	0.025	0.024
Flatfish	>200FM	MAR-APR 2002	22	1.079	1.079	1.079	1.079	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Shark, Skate															
DTS	0-100FM	SEP-OCT 2001	37	108.772	28.248	118.739	28.176	0.298	0.083	0.325	0.084	0.229	0.063	0.250	0.063
DTS	0-100FM	JAN-FEB 2002	1	73.183	---	218.314	---	0.082	---	0.245	---	0.060	---	0.179	---
DTS	0-100FM	MAR-APR 2002	44	180.809	26.038	309.108	63.146	0.500	0.097	0.855	0.207	0.310	0.055	0.530	0.121
DTS	0-100FM	MAY-JUN 2002	121	106.933	15.571	124.631	15.940	0.408	0.064	0.475	0.066	0.268	0.040	0.313	0.042
DTS	0-100FM	JUL-AUG 2002	59	133.440	28.877	151.395	30.501	0.294	0.070	0.333	0.075	0.197	0.049	0.224	0.052

Appendix Table IV.A. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.		Bycatch lbs per hr	Discarded		Bycatch		Discarded		Bycatch	
					Discarded Appendix T _i	Bycatch		s.e. lbs per lb Target Species	s.e. lbs per lb Target Species	s.e. lbs per lb Target Species	s.e. lbs per lb Target Species	s.e. lbs per lb Target Species	s.e. lbs per lb Target Species		
DTS	100-200FM	SEP-OCT 2001	38	43.286	17.487	89.661	28.634	0.161	0.066	0.334	0.110	0.125	0.051	0.258	0.084
DTS	100-200FM	JAN-FEB 2002	12	179.837	64.279	191.893	63.161	0.320	0.120	0.342	0.120	0.229	0.085	0.244	0.084
DTS	100-200FM	MAR-APR 2002	39	92.633	17.173	111.205	16.778	0.149	0.034	0.179	0.036	0.120	0.027	0.144	0.028
DTS	100-200FM	MAY-JUN 2002	33	75.950	14.763	102.943	21.473	0.204	0.046	0.276	0.066	0.159	0.035	0.216	0.050
DTS	100-200FM	JUL-AUG 2002	26	137.682	36.204	173.087	37.527	0.265	0.075	0.333	0.080	0.207	0.057	0.260	0.061
DTS	>200FM	SEP-OCT 2001	80	4.910	0.756	6.287	0.910	0.029	0.005	0.037	0.006	0.028	0.005	0.036	0.006
DTS	>200FM	JAN-FEB 2002	176	18.428	3.041	20.940	3.083	0.057	0.010	0.065	0.010	0.052	0.009	0.059	0.009
DTS	>200FM	MAR-APR 2002	255	14.769	2.486	16.981	2.556	0.051	0.009	0.059	0.009	0.048	0.008	0.055	0.009
DTS	>200FM	MAY-JUN 2002	64	27.038	10.204	28.371	10.196	0.110	0.043	0.115	0.043	0.106	0.042	0.112	0.042
DTS	>200FM	JUL-AUG 2002	14	10.563	3.291	18.231	8.585	0.043	0.014	0.074	0.035	0.040	0.013	0.070	0.033
Shelf RKF	0-100FM	SEP-OCT 2001	6	42.654	10.330	43.544	10.063	0.173	0.125	0.176	0.127	0.124	0.074	0.126	0.075
Shelf RKF	0-100FM	NOV-DEC 2001	54	21.057	8.091	21.122	8.090	0.010	0.004	0.010	0.004	0.010	0.004	0.010	0.004
Shelf RKF	0-100FM	MAR-APR 2002	8	142.409	92.638	339.112	175.158	0.276	0.187	0.657	0.366	0.234	0.155	0.556	0.300
Shelf RKF	0-100FM	MAY-JUN 2002	31	29.759	19.389	37.789	20.834	0.046	0.031	0.058	0.034	0.038	0.025	0.048	0.028
Shelf RKF	0-100FM	JUL-AUG 2002	37	98.416	38.831	98.416	38.831	0.166	0.110	0.166	0.110	0.121	0.066	0.121	0.066
Shelf RKF	100-200FM	MAR-APR 2002	1	6.032	---	25.982	---	0.041	---	0.175	---	0.025	---	0.108	---
Shelf RKF	100-200FM	MAY-JUN 2002	1	15.713	---	38.238	---	0.195	---	0.475	---	0.084	---	0.204	---
Shelf RKF	100-200FM	JUL-AUG 2002	1	346.385	---	346.385	---	2.425	---	2.425	---	1.341	---	1.341	---
Slope RKF	0-100FM	SEP-OCT 2001	1	-	---	20.084	---	-	---	0.030	---	-	---	0.027	---
Slope RKF	0-100FM	MAY-JUN 2002	2	33.900	20.068	33.900	20.068	0.086	0.052	0.086	0.052	0.051	0.029	0.051	0.029
Slope RKF	100-200FM	SEP-OCT 2001	5	32.110	24.951	32.110	24.951	0.143	0.119	0.143	0.119	0.091	0.078	0.091	0.078
Slope RKF	100-200FM	JAN-FEB 2002	11	41.330	17.481	87.025	46.735	0.091	0.028	0.191	0.089	0.074	0.021	0.155	0.070
Slope RKF	100-200FM	MAR-APR 2002	4	723.069	696.827	763.146	697.760	1.097	1.044	1.158	1.024	0.808	0.770	0.853	0.757
Slope RKF	100-200FM	MAY-JUN 2002	13	67.767	31.118	76.667	30.532	0.115	0.057	0.130	0.058	0.099	0.049	0.112	0.049
Slope RKF	100-200FM	JUL-AUG 2002	4	170.789	78.040	170.789	78.040	0.208	0.122	0.208	0.122	0.168	0.094	0.168	0.094
Slope RKF	>200FM	SEP-OCT 2001	1	37.138	---	37.138	---	0.137	---	0.137	---	0.073	---	0.073	---
Flatfish	0-100FM	SEP-OCT 2001	136	65.496	11.094	172.826	27.362	0.307	0.056	0.811	0.139	0.259	0.048	0.685	0.119
Flatfish	0-100FM	NOV-DEC 2001	82	96.283	24.305	178.256	26.673	0.542	0.137	1.003	0.151	0.475	0.119	0.880	0.130
Flatfish	0-100FM	JAN-FEB 2002	20	181.457	71.133	526.094	242.711	0.912	0.610	2.644	1.844	0.676	0.374	1.959	1.168
Flatfish	0-100FM	MAR-APR 2002	191	156.682	15.852	322.678	46.962	0.705	0.085	1.453	0.232	0.581	0.066	1.196	0.185
Flatfish	0-100FM	MAY-JUN 2002	429	148.031	15.251	209.901	17.558	0.371	0.048	0.526	0.061	0.254	0.031	0.360	0.039
Flatfish	0-100FM	JUL-AUG 2002	491	126.025	11.646	166.809	12.786	0.273	0.037	0.362	0.046	0.215	0.027	0.284	0.032
Flatfish	100-200FM	SEP-OCT 2001	23	34.517	8.563	52.793	11.114	0.081	0.025	0.124	0.035	0.065	0.019	0.100	0.026
Flatfish	100-200FM	NOV-DEC 2001	26	46.699	19.843	59.752	21.029	0.073	0.032	0.094	0.034	0.071	0.031	0.091	0.033
Flatfish	100-200FM	JAN-FEB 2002	74	56.415	12.039	74.886	13.651	0.141	0.032	0.188	0.036	0.127	0.028	0.169	0.032
Flatfish	100-200FM	MAR-APR 2002	33	65.518	17.767	131.725	20.411	0.255	0.081	0.513	0.118	0.182	0.058	0.365	0.085
Flatfish	100-200FM	MAY-JUN 2002	4	158.950	103.515	161.679	102.587	1.301	0.912	1.324	0.910	0.738	0.486	0.751	0.483
Flatfish	100-200FM	JUL-AUG 2002	21	396.945	119.291	407.641	123.492	0.206	0.067	0.211	0.069	0.157	0.050	0.162	0.052
Flatfish	>200FM	JAN-FEB 2002	48	45.223	17.873	72.225	18.517	0.078	0.034	0.124	0.039	0.069	0.029	0.110	0.034
Flatfish	>200FM	MAR-APR 2002	22	84.929	32.388	87.876	32.243	0.096	0.044	0.099	0.044	0.079	0.034	0.081	0.034
Flatfish	>200FM	JUL-AUG 2002	1	88.278	---	88.278	---	0.127	---	0.127	---	0.092	---	0.092	---

Appendix Table IV.

B) Ratio estimators and the standard errors (s.e.) for the discarded and bycatch pounds of the 23 selected species or categories per hour of tow, per pound of retained target species, per pound of retained groundfish by depth range, target strategy in the area south of 40°10'N, and period. Bycatch is defined as discarded plus retained pounds of a species, which does not belong to the assigned tow strategy. 0.000: 0 < estimate < 0.0004, -: estimate = 0, ---: s.e. is not estimable due to number of tows = 1.

NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOW!

Strategy	Depth Range	Period	Number of Tows	Discarded		Bycatch		Discarded Target Species		Bycatch Target Species		Discarded Groundfish		Bycatch Groundfish	
				lbs per hr	s.e. lbs per hr	lbs per hr	s.e. lbs per hr	lbs per lb	s.e. lbs per lb	lbs per lb	s.e. lbs per lb	lbs per lb of Groundfish	s.e. lbs per lb of Groundfish	lbs per lb of Groundfish	s.e. lbs per lb of Groundfish
South of 40°10'															
Pacific Whiting															
DTS	0-100FM	MAR-APR 2002	2	6.556	1.952	6.556	1.952	0.014	0.014	0.014	0.014	0.013	0.011	0.013	0.011
DTS	0-100FM	MAY-JUN 2002	3	90.245	39.419	90.245	39.419	0.231	0.126	0.231	0.126	0.150	0.073	0.150	0.073
DTS	100-200FM	SEP-OCT 2001	1	1,755.356	---	1,755.356	---	11.759	---	11.759	---	5.505	---	5.505	---
DTS	100-200FM	MAR-APR 2002	4	93.731	57.892	93.731	57.892	0.148	0.110	0.148	0.110	0.138	0.103	0.138	0.103
DTS	100-200FM	MAY-JUN 2002	7	35.768	23.332	35.768	23.332	0.137	0.113	0.137	0.113	0.115	0.090	0.115	0.090
DTS	100-200FM	JUL-AUG 2002	8	10.257	3.518	10.257	3.518	0.028	0.010	0.028	0.010	0.023	0.008	0.023	0.008
DTS	>200FM	SEP-OCT 2001	4	77.705	57.316	77.705	57.316	0.071	0.053	0.071	0.053	0.068	0.051	0.068	0.051
DTS	>200FM	JAN-FEB 2002	46	3.721	2.042	3.721	2.042	0.013	0.007	0.013	0.007	0.013	0.007	0.013	0.007
DTS	>200FM	MAR-APR 2002	59	15.298	4.254	15.298	4.254	0.035	0.010	0.035	0.010	0.032	0.010	0.032	0.010
DTS	>200FM	MAY-JUN 2002	37	11.511	9.825	11.511	9.825	0.026	0.022	0.026	0.022	0.026	0.022	0.026	0.022
DTS	>200FM	JUL-AUG 2002	156	4.841	1.073	4.841	1.073	0.014	0.003	0.014	0.003	0.014	0.003	0.014	0.003
Shelf RKF	0-100FM	SEP-OCT 2001	4	20.868	10.645	20.868	10.645	0.241	0.137	0.241	0.137	0.161	0.095	0.161	0.095
Shelf RKF	0-100FM	NOV-DEC 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	MAR-APR 2002	8	42.329	15.609	42.329	15.609	0.104	0.047	0.104	0.047	0.079	0.034	0.079	0.034
Shelf RKF	0-100FM	MAY-JUN 2002	6	1,955.084	848.284	1,955.084	848.284	1.246	0.592	1.246	0.592	1.078	0.480	1.078	0.480
Shelf RKF	100-200FM	SEP-OCT 2001	5	14.083	3.561	14.083	3.561	0.084	0.046	0.084	0.046	0.059	0.029	0.059	0.029
Shelf RKF	100-200FM	JAN-FEB 2002	5	38.051	11.847	38.051	11.847	0.081	0.028	0.081	0.028	0.065	0.024	0.065	0.024
Shelf RKF	100-200FM	MAR-APR 2002	2	84.575	61.689	84.575	61.689	0.507	0.439	0.507	0.439	0.423	0.360	0.423	0.360
Shelf RKF	100-200FM	MAY-JUN 2002	2	342.990	220.012	342.990	220.012	1.086	0.507	1.107	0.486	0.701	0.330	0.715	0.317
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	181.246	48.469	181.246	48.469	0.469	0.133	0.469	0.133	0.364	0.098	0.364	0.098
Slope RKF	100-200FM	JAN-FEB 2002	18	48.266	12.779	48.266	12.779	0.156	0.060	0.156	0.060	0.131	0.046	0.131	0.046
Slope RKF	100-200FM	MAR-APR 2002	11	77.893	23.005	77.893	23.005	0.042	0.023	0.042	0.023	0.042	0.023	0.042	0.023
Slope RKF	100-200FM	MAY-JUN 2002	8	53.706	32.843	53.706	32.843	0.024	0.018	0.024	0.018	0.024	0.018	0.024	0.018
Slope RKF	100-200FM	JUL-AUG 2002	3	32.827	32.827	32.827	32.827	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016
Slope RKF	>200FM	MAY-JUN 2002	10	101.596	75.452	101.596	75.452	0.054	0.043	0.054	0.043	0.054	0.043	0.054	0.043
Slope RKF	>200FM	JUL-AUG 2002	1	15.293	---	15.293	---	0.103	---	0.103	---	0.096	---	0.096	---
Flatfish	0-100FM	SEP-OCT 2001	127	7.453	3.100	7.453	3.100	0.048	0.020	0.048	0.020	0.044	0.019	0.044	0.019
Flatfish	0-100FM	NOV-DEC 2001	35	10.355	4.046	10.355	4.046	0.088	0.040	0.088	0.040	0.080	0.036	0.080	0.036
Flatfish	0-100FM	JAN-FEB 2002	53	0.719	0.339	0.719	0.339	0.002	0.001	0.002	0.001	0.002	0.001	0.002	0.001
Flatfish	0-100FM	MAR-APR 2002	37	10.706	5.690	10.706	5.690	0.035	0.020	0.035	0.020	0.035	0.020	0.035	0.020
Flatfish	0-100FM	MAY-JUN 2002	7	24.233	12.993	24.233	12.993	0.316	0.182	0.316	0.182	0.209	0.127	0.209	0.127
Flatfish	100-200FM	SEP-OCT 2001	34	16.535	3.866	17.044	3.811	0.050	0.012	0.052	0.012	0.048	0.012	0.050	0.012
Flatfish	100-200FM	NOV-DEC 2001	6	86.538	24.681	86.538	24.681	0.256	0.121	0.256	0.121	0.226	0.094	0.226	0.094
Flatfish	100-200FM	JAN-FEB 2002	5	41.691	13.472	41.691	13.472	0.137	0.060	0.137	0.060	0.125	0.053	0.125	0.053

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded lbs per lb Target Species	s.e.	Bycatch lbs per lb Target Species	s.e.	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr		Discarded lbs per lb Target Species		Bycatch lbs per lb Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	1	60.335	---	60.335	---	0.160	---	0.160	---	0.148	---	0.148	---
Flatfish	100-200FM	JUL-AUG 2002	3	25.764	16.226	25.764	16.226	0.179	0.119	0.179	0.119	0.164	0.109	0.164	0.109
Flatfish	>200FM	SEP-OCT 2001	4	50.798	14.273	50.798	14.273	0.663	0.187	0.663	0.187	0.449	0.130	0.449	0.130
Arrowtooth flounder															
DTS	0-100FM	MAR-APR 2002	2	-	1.952	-	1.952	-	0.014	-	0.014	-	0.011	-	0.011
DTS	0-100FM	MAY-JUN 2002	3	7.920	4.600	7.920	4.600	0.020	0.013	0.020	0.013	0.013	0.008	0.013	0.008
DTS	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	100-200FM	MAR-APR 2002	4	1.234	1.234	1.234	1.234	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
DTS	100-200FM	MAY-JUN 2002	7	3.060	1.974	3.060	1.974	0.012	0.010	0.012	0.010	0.010	0.008	0.010	0.008
DTS	100-200FM	JUL-AUG 2002	8	2.967	2.099	2.967	2.099	0.008	0.006	0.008	0.006	0.007	0.005	0.007	0.005
DTS	>200FM	SEP-OCT 2001	4	-	57.316	-	57.316	-	0.053	-	0.053	-	0.051	-	0.051
DTS	>200FM	JAN-FEB 2002	46	-	2.042	-	2.042	-	0.007	-	0.007	-	0.007	-	0.007
DTS	>200FM	MAR-APR 2002	59	0.245	0.202	0.245	0.202	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
DTS	>200FM	MAY-JUN 2002	37	0.005	0.005	0.005	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	JUL-AUG 2002	156	0.196	0.063	0.505	0.198	0.001	0.000	0.001	0.001	0.001	0.000	0.001	0.001
Shelf RKF	0-100FM	SEP-OCT 2001	4	-	10.645	-	10.645	-	0.137	-	0.137	-	0.095	-	0.095
Shelf RKF	0-100FM	NOV-DEC 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	MAR-APR 2002	8	2.449	1.034	2.449	1.034	0.006	0.003	0.006	0.003	0.005	0.002	0.005	0.002
Shelf RKF	0-100FM	MAY-JUN 2002	6	0.401	0.401	0.401	0.401	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	100-200FM	SEP-OCT 2001	5	-	3.561	-	3.561	-	0.046	-	0.046	-	0.029	-	0.029
Shelf RKF	100-200FM	JAN-FEB 2002	5	3.564	2.849	3.564	2.849	0.008	0.006	0.008	0.006	0.006	0.005	0.006	0.005
Shelf RKF	100-200FM	MAR-APR 2002	2	7.769	7.769	7.769	7.769	0.047	0.047	0.047	0.047	0.039	0.039	0.039	0.039
Shelf RKF	100-200FM	MAY-JUN 2002	2	6.316	6.316	6.316	6.316	0.020	0.020	0.020	0.020	0.013	0.013	0.013	0.013
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	-	48.469	-	48.469	-	0.133	-	0.133	-	0.098	-	0.098
Slope RKF	100-200FM	JAN-FEB 2002	18	0.008	0.008	0.008	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	100-200FM	MAR-APR 2002	11	0.306	0.306	0.306	0.306	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	100-200FM	MAY-JUN 2002	8	0.032	0.032	0.355	0.355	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	100-200FM	JUL-AUG 2002	3	-	32.827	-	32.827	-	0.016	-	0.016	-	0.016	-	0.016
Slope RKF	>200FM	MAY-JUN 2002	10	-	75.452	-	75.452	-	0.043	-	0.043	-	0.043	-	0.043
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	0.510	0.380	0.510	0.380	0.003	0.002	0.003	0.002	0.003	0.002	0.003	0.002
Flatfish	0-100FM	NOV-DEC 2001	35	-	4.046	-	4.046	-	0.040	-	0.040	-	0.036	-	0.036
Flatfish	0-100FM	JAN-FEB 2002	53	0.211	0.211	0.211	0.211	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	MAR-APR 2002	37	-	5.690	-	5.690	-	0.020	-	0.020	-	0.020	-	0.020
Flatfish	0-100FM	MAY-JUN 2002	7	1.199	1.069	1.199	1.069	0.016	0.014	0.016	0.014	0.010	0.009	0.010	0.009
Flatfish	100-200FM	SEP-OCT 2001	34	0.973	0.973	0.973	0.973	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Flatfish	100-200FM	NOV-DEC 2001	6	0.156	0.156	0.156	0.156	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	100-200FM	JAN-FEB 2002	5	13.215	6.929	13.215	6.929	0.044	0.026	0.044	0.026	0.040	0.023	0.040	0.023

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded lbs per lb Target Species	s.e.	Bycatch lbs per lb Target Species	s.e.	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr		Discarded lbs per lb Target Species		Bycatch lbs per lb Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	1	23.448	---	23.448	---	0.062	---	0.062	---	0.057	---	0.057	---
Flatfish	100-200FM	JUL-AUG 2002	3	3.144	1.508	3.144	1.508	0.022	0.012	0.022	0.012	0.020	0.011	0.020	0.011
Flatfish	>200FM	SEP-OCT 2001	4	-	14.273	-	14.273	-	0.187	-	0.187	-	0.130	-	0.130
Petrale sole															
DTS	0-100FM	MAR-APR 2002	2	0.125	0.125	6.631	6.631	0.000	0.000	0.014	0.014	0.000	0.000	0.013	0.013
DTS	0-100FM	MAY-JUN 2002	3	-	4.600	22.958	12.409	-	0.013	0.059	0.036	-	0.008	0.038	0.022
DTS	100-200FM	SEP-OCT 2001	1	-	---	9.568	---	-	---	0.064	---	-	---	0.030	---
DTS	100-200FM	MAR-APR 2002	4	0.110	0.110	4.841	4.714	0.000	0.000	0.008	0.007	0.000	0.000	0.007	0.007
DTS	100-200FM	MAY-JUN 2002	7	0.013	0.013	3.242	2.112	0.000	0.000	0.012	0.010	0.000	0.000	0.010	0.008
DTS	100-200FM	JUL-AUG 2002	8	-	2.099	-	2.099	-	0.006	-	0.006	-	0.005	-	0.005
DTS	>200FM	SEP-OCT 2001	4	-	57.316	-	57.316	-	0.053	-	0.053	-	0.051	-	0.051
DTS	>200FM	JAN-FEB 2002	46	-	2.042	0.004	0.004	-	0.007	0.000	0.000	-	0.007	0.000	0.000
DTS	>200FM	MAR-APR 2002	59	-	0.202	0.430	0.171	-	0.000	0.001	0.000	-	0.000	0.001	0.000
DTS	>200FM	MAY-JUN 2002	37	-	0.005	0.063	0.063	-	0.000	0.000	0.000	-	0.000	0.000	0.000
DTS	>200FM	JUL-AUG 2002	156	0.014	0.010	0.018	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	0-100FM	SEP-OCT 2001	4	0.189	0.189	20.718	15.416	0.002	0.002	0.239	0.184	0.001	0.001	0.160	0.125
Shelf RKF	0-100FM	NOV-DEC 2001	1	-	---	350.487	---	-	---	0.700	---	-	---	0.394	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	4.578	4.578	54.789	28.811	0.008	0.008	0.091	0.050	0.005	0.005	0.058	0.032
Shelf RKF	0-100FM	MAR-APR 2002	8	1.173	1.120	12.715	2.007	0.003	0.003	0.031	0.010	0.002	0.002	0.024	0.007
Shelf RKF	0-100FM	MAY-JUN 2002	6	0.189	0.189	36.039	22.746	0.000	0.000	0.023	0.015	0.000	0.000	0.020	0.013
Shelf RKF	100-200FM	SEP-OCT 2001	5	0.166	0.136	40.705	16.876	0.001	0.001	0.242	0.150	0.001	0.001	0.171	0.098
Shelf RKF	100-200FM	JAN-FEB 2002	5	0.478	0.478	13.980	7.845	0.001	0.001	0.030	0.017	0.001	0.001	0.024	0.014
Shelf RKF	100-200FM	MAR-APR 2002	2	2.590	2.590	16.467	16.467	0.016	0.016	0.099	0.099	0.013	0.013	0.082	0.082
Shelf RKF	100-200FM	MAY-JUN 2002	2	1.421	1.421	51.421	51.421	0.004	0.004	0.163	0.163	0.003	0.003	0.105	0.105
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	130.909	---	-	---	0.545	---	-	---	0.352	---
Slope RKF	100-200FM	NOV-DEC 2001	5	-	48.469	79.292	12.583	-	0.133	0.205	0.038	-	0.098	0.159	0.026
Slope RKF	100-200FM	JAN-FEB 2002	18	0.653	0.439	39.681	9.702	0.002	0.001	0.128	0.047	0.002	0.001	0.108	0.036
Slope RKF	100-200FM	MAR-APR 2002	11	0.871	0.414	0.871	0.414	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	100-200FM	MAY-JUN 2002	8	-	0.032	0.215	0.215	-	0.000	0.000	0.000	-	0.000	0.000	0.000
Slope RKF	100-200FM	JUL-AUG 2002	3	0.725	0.725	3.832	2.923	0.000	0.000	0.002	0.002	0.000	0.000	0.002	0.002
Slope RKF	>200FM	MAY-JUN 2002	10	-	75.452	0.083	0.083	-	0.043	0.000	0.000	-	0.043	0.000	0.000
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	1.914	1.442	1.914	1.442	0.012	0.009	0.012	0.009	0.011	0.009	0.011	0.009
Flatfish	0-100FM	NOV-DEC 2001	35	1.506	0.544	1.506	0.544	0.013	0.005	0.013	0.005	0.012	0.005	0.012	0.005
Flatfish	0-100FM	JAN-FEB 2002	53	1.618	1.452	1.618	1.452	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Flatfish	0-100FM	MAR-APR 2002	37	0.178	0.103	0.178	0.103	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
Flatfish	0-100FM	MAY-JUN 2002	7	0.482	0.333	0.482	0.333	0.006	0.004	0.006	0.004	0.004	0.003	0.004	0.003
Flatfish	100-200FM	SEP-OCT 2001	34	-	0.973	-	0.973	-	0.003	-	0.003	-	0.003	-	0.003
Flatfish	100-200FM	NOV-DEC 2001	6	1.014	1.014	1.014	1.014	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Flatfish	100-200FM	JAN-FEB 2002	5	-	6.929	-	6.929	-	0.026	-	0.026	-	0.023	-	0.023

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded	Discarded	Bycatch	Bycatch	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	1	14.012	---	14.012	---	0.037	---	0.037	---	0.034	---	0.034	---
Flatfish	100-200FM	JUL-AUG 2002	3	22.632	9.388	34.632	7.082	0.157	0.076	0.241	0.081	0.144	0.069	0.221	0.072
Flatfish	>200FM	SEP-OCT 2001	4	9.421	9.399	38.142	5.986	0.123	0.123	0.498	0.080	0.083	0.083	0.337	0.058
Longspine thornyhead															
DTS	0-100FM	MAR-APR 2002	2	-	0.125	-	6.631	-	0.000	-	0.014	-	0.000	-	0.013
DTS	0-100FM	MAY-JUN 2002	3	-	2.100	-	2.100	-	0.007	-	0.007	-	0.004	-	0.004
DTS	100-200FM	SEP-OCT 2001	1	15.886	---	15.886	---	0.106	---	0.106	---	0.050	---	0.050	---
DTS	100-200FM	MAR-APR 2002	4	1.067	0.796	1.067	0.796	0.002	0.001	0.002	0.001	0.002	0.001	0.002	0.001
DTS	100-200FM	MAY-JUN 2002	7	0.127	0.058	0.127	0.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	100-200FM	JUL-AUG 2002	8	-	15.711	-	15.711	-	0.042	-	0.042	-	0.035	-	0.035
DTS	>200FM	SEP-OCT 2001	4	17.477	10.519	17.477	10.519	0.016	0.010	0.016	0.010	0.015	0.009	0.015	0.009
DTS	>200FM	JAN-FEB 2002	46	15.339	6.072	15.339	6.072	0.052	0.022	0.052	0.022	0.052	0.021	0.052	0.021
DTS	>200FM	MAR-APR 2002	59	41.199	12.540	41.199	12.540	0.094	0.031	0.094	0.031	0.086	0.028	0.086	0.028
DTS	>200FM	MAY-JUN 2002	37	14.504	6.396	14.504	6.396	0.033	0.015	0.033	0.015	0.032	0.015	0.032	0.015
DTS	>200FM	JUL-AUG 2002	156	9.656	2.236	9.656	2.236	0.028	0.007	0.028	0.007	0.027	0.007	0.027	0.007
Shelf RKF	0-100FM	SEP-OCT 2001	4	-	0.426	-	0.426	-	0.005	-	0.005	-	0.003	-	0.003
Shelf RKF	0-100FM	NOV-DEC 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	-	23.569	-	23.569	-	0.039	-	0.039	-	0.025	-	0.025
Shelf RKF	0-100FM	MAR-APR 2002	8	-	1.000	-	13.238	-	0.003	-	0.036	-	0.002	-	0.027
Shelf RKF	0-100FM	MAY-JUN 2002	6	-	102.836	-	102.836	-	0.068	-	0.068	-	0.057	-	0.057
Shelf RKF	100-200FM	SEP-OCT 2001	5	-	1.346	-	1.346	-	0.009	-	0.009	-	0.006	-	0.006
Shelf RKF	100-200FM	JAN-FEB 2002	5	-	8.208	-	8.208	-	0.017	-	0.017	-	0.014	-	0.014
Shelf RKF	100-200FM	MAR-APR 2002	2	0.327	0.327	0.327	0.327	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Shelf RKF	100-200FM	MAY-JUN 2002	2	-	52.917	-	50.745	-	0.164	-	0.149	-	0.106	-	0.096
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	-	68.545	-	68.545	-	0.184	-	0.184	-	0.138	-	0.138
Slope RKF	100-200FM	JAN-FEB 2002	18	-	2.456	-	7.320	-	0.009	-	0.025	-	0.007	-	0.021
Slope RKF	100-200FM	MAR-APR 2002	11	-	4.714	-	4.714	-	0.003	-	0.003	-	0.003	-	0.003
Slope RKF	100-200FM	MAY-JUN 2002	8	0.043	0.043	0.043	0.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	100-200FM	JUL-AUG 2002	3	-	14.498	-	18.522	-	0.007	-	0.014	-	0.007	-	0.013
Slope RKF	>200FM	MAY-JUN 2002	10	0.431	0.431	0.431	0.431	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	2.000	---	-	---	0.014	---	-	---	0.013	---
Flatfish	0-100FM	SEP-OCT 2001	127	-	0.313	-	0.313	-	0.002	-	0.002	-	0.002	-	0.002
Flatfish	0-100FM	NOV-DEC 2001	35	-	0.561	-	0.561	-	0.005	-	0.005	-	0.005	-	0.005
Flatfish	0-100FM	JAN-FEB 2002	53	-	0.707	-	0.707	-	0.002	-	0.002	-	0.002	-	0.002
Flatfish	0-100FM	MAR-APR 2002	37	-	0.033	-	0.337	-	0.000	-	0.001	-	0.000	-	0.001
Flatfish	0-100FM	MAY-JUN 2002	7	-	18.714	-	18.623	-	0.244	-	0.246	-	0.162	-	0.165
Flatfish	100-200FM	SEP-OCT 2001	34	-	0.313	-	0.313	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	100-200FM	NOV-DEC 2001	6	-	20.818	-	20.818	-	0.072	-	0.072	-	0.061	-	0.061
Flatfish	100-200FM	JAN-FEB 2002	5	-	0.078	-	0.080	-	0.000	-	0.000	-	0.000	-	0.000

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded	Discarded	Bycatch	Bycatch	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	100-200FM	JUL-AUG 2002	3	-	9.388	-	7.082	-	0.076	-	0.081	-	0.069	-	0.072
Flatfish	>200FM	SEP-OCT 2001	4	-	9.399	-	5.986	-	0.123	-	0.080	-	0.083	-	0.058
Shortspine thornyhead															
DTS	0-100FM	MAR-APR 2002	2	-	0.125	-	6.631	-	0.000	-	0.014	-	0.000	-	0.013
DTS	0-100FM	MAY-JUN 2002	3	3.593	2.524	3.593	2.524	0.009	0.007	0.009	0.007	0.006	0.004	0.006	0.004
DTS	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	100-200FM	MAR-APR 2002	4	12.972	8.248	12.972	8.248	0.020	0.015	0.020	0.015	0.019	0.014	0.019	0.014
DTS	100-200FM	MAY-JUN 2002	7	1.085	0.407	1.085	0.407	0.004	0.003	0.004	0.003	0.004	0.002	0.004	0.002
DTS	100-200FM	JUL-AUG 2002	8	3.347	2.123	3.347	2.123	0.009	0.006	0.009	0.006	0.008	0.005	0.008	0.005
DTS	>200FM	SEP-OCT 2001	4	-	10.519	-	10.519	-	0.010	-	0.010	-	0.009	-	0.009
DTS	>200FM	JAN-FEB 2002	46	18.145	4.748	18.145	4.748	0.062	0.018	0.062	0.018	0.061	0.018	0.061	0.018
DTS	>200FM	MAR-APR 2002	59	19.039	5.455	19.039	5.455	0.043	0.013	0.043	0.013	0.040	0.012	0.040	0.012
DTS	>200FM	MAY-JUN 2002	37	0.462	0.263	0.462	0.263	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
DTS	>200FM	JUL-AUG 2002	156	2.893	0.583	2.893	0.583	0.008	0.002	0.008	0.002	0.008	0.002	0.008	0.002
Shelf RKF	0-100FM	SEP-OCT 2001	4	0.322	0.243	0.322	0.243	0.004	0.003	0.004	0.003	0.002	0.002	0.002	0.002
Shelf RKF	0-100FM	NOV-DEC 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	-	23.569	-	23.569	-	0.039	-	0.039	-	0.025	-	0.025
Shelf RKF	0-100FM	MAR-APR 2002	8	-	1.000	-	13.238	-	0.003	-	0.036	-	0.002	-	0.027
Shelf RKF	0-100FM	MAY-JUN 2002	6	-	102.836	-	102.836	-	0.068	-	0.068	-	0.057	-	0.057
Shelf RKF	100-200FM	SEP-OCT 2001	5	0.612	0.377	0.612	0.377	0.004	0.003	0.004	0.003	0.003	0.002	0.003	0.002
Shelf RKF	100-200FM	JAN-FEB 2002	5	0.478	0.478	0.830	0.830	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001
Shelf RKF	100-200FM	MAR-APR 2002	2	-	0.327	-	0.327	-	0.002	-	0.002	-	0.002	-	0.002
Shelf RKF	100-200FM	MAY-JUN 2002	2	-	52.917	50.000	50.000	-	0.164	0.158	0.158	-	0.106	0.102	0.102
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	32.631	20.005	32.631	20.005	0.084	0.052	0.084	0.052	0.065	0.040	0.065	0.040
Slope RKF	100-200FM	JAN-FEB 2002	18	2.396	1.369	3.890	2.249	0.008	0.005	0.013	0.008	0.007	0.004	0.011	0.006
Slope RKF	100-200FM	MAR-APR 2002	11	5.341	2.776	5.341	2.776	0.003	0.002	0.003	0.002	0.003	0.002	0.003	0.002
Slope RKF	100-200FM	MAY-JUN 2002	8	2.238	0.818	3.119	1.233	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Slope RKF	100-200FM	JUL-AUG 2002	3	-	14.498	-	18.522	-	0.007	-	0.014	-	0.007	-	0.013
Slope RKF	>200FM	MAY-JUN 2002	10	0.156	0.156	0.156	0.156	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	0.027	---	-	---	-	0.025
Flatfish	0-100FM	SEP-OCT 2001	127	0.033	0.019	0.033	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	NOV-DEC 2001	35	-	0.561	-	0.561	-	0.005	-	0.005	-	0.005	-	0.005
Flatfish	0-100FM	JAN-FEB 2002	53	0.009	0.009	0.009	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	MAR-APR 2002	37	-	0.033	-	0.337	-	0.000	-	0.001	-	0.000	-	0.001
Flatfish	0-100FM	MAY-JUN 2002	7	-	18.714	-	18.623	-	0.244	-	0.246	-	0.162	-	0.165
Flatfish	100-200FM	SEP-OCT 2001	34	0.208	0.091	0.213	0.090	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
Flatfish	100-200FM	NOV-DEC 2001	6	4.433	3.141	4.433	3.141	0.013	0.010	0.013	0.010	0.012	0.009	0.012	0.009
Flatfish	100-200FM	JAN-FEB 2002	5	3.296	2.554	3.296	2.554	0.011	0.009	0.011	0.009	0.010	0.008	0.010	0.008

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded	Discarded	Bycatch	Bycatch	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	1	0.858	---	0.858	---	0.002	---	0.002	---	0.002	---	0.002	---
Flatfish	100-200FM	JUL-AUG 2002	3	0.888	0.767	0.888	0.767	0.006	0.005	0.006	0.005	0.006	0.005	0.006	0.005
Flatfish	>200FM	SEP-OCT 2001	4	7.041	1.100	7.041	1.100	0.092	0.015	0.092	0.015	0.062	0.011	0.062	0.011
Thornyheads															
DTS	0-100FM	MAR-APR 2002	2	-	0.125	-	6.631	-	0.000	-	0.014	-	0.000	-	0.013
DTS	0-100FM	MAY-JUN 2002	3	1.596	1.596	1.596	1.596	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
DTS	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	100-200FM	MAR-APR 2002	4	-	8.248	-	8.248	-	0.015	-	0.015	-	0.014	-	0.014
DTS	100-200FM	MAY-JUN 2002	7	-	0.407	-	0.407	-	0.003	-	0.003	-	0.002	-	0.002
DTS	100-200FM	JUL-AUG 2002	8	-	2.123	-	2.123	-	0.006	-	0.006	-	0.005	-	0.005
DTS	>200FM	SEP-OCT 2001	4	-	10.519	-	10.519	-	0.010	-	0.010	-	0.009	-	0.009
DTS	>200FM	JAN-FEB 2002	46	14.703	5.702	14.703	5.702	0.050	0.020	0.050	0.020	0.049	0.020	0.049	0.020
DTS	>200FM	MAR-APR 2002	59	13.930	11.789	13.930	11.789	0.032	0.027	0.032	0.027	0.029	0.025	0.029	0.025
DTS	>200FM	MAY-JUN 2002	37	19.436	12.747	19.436	12.747	0.044	0.029	0.044	0.029	0.043	0.029	0.043	0.029
DTS	>200FM	JUL-AUG 2002	156	2.839	0.928	2.839	0.928	0.008	0.003	0.008	0.003	0.008	0.003	0.008	0.003
Shelf RKF	0-100FM	SEP-OCT 2001	4	-	0.243	-	0.243	-	0.003	-	0.003	-	0.002	-	0.002
Shelf RKF	0-100FM	NOV-DEC 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	-	23.569	-	23.569	-	0.039	-	0.039	-	0.025	-	0.025
Shelf RKF	0-100FM	MAR-APR 2002	8	-	1.000	-	13.238	-	0.003	-	0.036	-	0.002	-	0.027
Shelf RKF	0-100FM	MAY-JUN 2002	6	-	102.836	-	102.836	-	0.068	-	0.068	-	0.057	-	0.057
Shelf RKF	100-200FM	SEP-OCT 2001	5	-	0.377	-	0.377	-	0.003	-	0.003	-	0.002	-	0.002
Shelf RKF	100-200FM	JAN-FEB 2002	5	-	0.478	-	0.830	-	0.001	-	0.002	-	0.001	-	0.001
Shelf RKF	100-200FM	MAR-APR 2002	2	-	0.327	-	0.327	-	0.002	-	0.002	-	0.002	-	0.002
Shelf RKF	100-200FM	MAY-JUN 2002	2	11.292	11.292	11.292	11.292	0.036	0.036	0.036	0.036	0.023	0.023	0.023	0.023
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	9.949	9.949	9.949	9.949	0.026	0.026	0.026	0.026	0.020	0.020	0.020	0.020
Slope RKF	100-200FM	JAN-FEB 2002	18	-	1.369	-	2.249	-	0.005	-	0.008	-	0.004	-	0.006
Slope RKF	100-200FM	MAR-APR 2002	11	4.232	2.748	4.232	2.748	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Slope RKF	100-200FM	MAY-JUN 2002	8	-	0.818	-	1.233	-	0.001	-	0.001	-	0.001	-	0.001
Slope RKF	100-200FM	JUL-AUG 2002	3	-	14.498	6.317	6.317	-	0.007	0.003	0.003	-	0.007	0.003	0.003
Slope RKF	>200FM	MAY-JUN 2002	10	0.405	0.289	0.504	0.297	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	-	0.019	-	0.019	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	NOV-DEC 2001	35	-	0.561	-	0.561	-	0.005	-	0.005	-	0.005	-	0.005
Flatfish	0-100FM	JAN-FEB 2002	53	-	0.009	-	0.009	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	MAR-APR 2002	37	-	0.033	-	0.337	-	0.000	-	0.001	-	0.000	-	0.001
Flatfish	0-100FM	MAY-JUN 2002	7	-	18.714	-	18.623	-	0.244	-	0.246	-	0.162	-	0.165
Flatfish	100-200FM	SEP-OCT 2001	34	-	0.091	-	0.090	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	100-200FM	NOV-DEC 2001	6	0.377	0.377	0.377	0.377	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	100-200FM	JAN-FEB 2002	5	-	2.554	-	2.554	-	0.009	-	0.009	-	0.008	-	0.008

Appendix Table IV.B. Continued. NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.		Bycatch lbs per hr	s.e.		Discarded lbs per lb Target Species	s.e.		Discarded lbs per lb of Groundfish	s.e.	
					Discarded lbs per hr	Bycatch lbs per hr		Discarded lbs per lb Target Species	Bycatch lbs per lb Target Species		Discarded lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish			
Flatfish	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	100-200FM	JUL-AUG 2002	3	-	0.767	-	0.767	-	0.005	-	0.005	-	0.005	-	0.005
Flatfish	>200FM	SEP-OCT 2001	4	-	1.100	-	1.100	-	0.015	-	0.015	-	0.011	-	0.011
Sablefish															
DTS	0-100FM	MAR-APR 2002	2	242.564	242.564	242.564	242.564	0.524	0.524	0.524	0.524	0.479	0.479	0.479	0.479
DTS	0-100FM	MAY-JUN 2002	3	84.532	43.085	84.532	43.085	0.216	0.129	0.216	0.129	0.141	0.077	0.141	0.077
DTS	100-200FM	SEP-OCT 2001	1	980.934	---	980.934	---	6.571	---	6.571	---	3.076	---	3.076	---
DTS	100-200FM	MAR-APR 2002	4	13.652	8.646	13.652	8.646	0.022	0.016	0.022	0.016	0.020	0.015	0.020	0.015
DTS	100-200FM	MAY-JUN 2002	7	11.046	3.705	11.046	3.705	0.042	0.030	0.042	0.030	0.036	0.022	0.036	0.022
DTS	100-200FM	JUL-AUG 2002	8	4.721	2.260	4.721	2.260	0.013	0.006	0.013	0.006	0.011	0.005	0.011	0.005
DTS	>200FM	SEP-OCT 2001	4	84.458	55.538	84.458	55.538	0.078	0.052	0.078	0.052	0.074	0.050	0.074	0.050
DTS	>200FM	JAN-FEB 2002	46	39.056	11.090	39.056	11.090	0.133	0.041	0.133	0.041	0.131	0.040	0.131	0.040
DTS	>200FM	MAR-APR 2002	59	55.005	15.433	55.005	15.433	0.125	0.038	0.125	0.038	0.114	0.034	0.114	0.034
DTS	>200FM	MAY-JUN 2002	37	19.664	12.574	19.664	12.574	0.045	0.029	0.045	0.029	0.044	0.029	0.044	0.029
DTS	>200FM	JUL-AUG 2002	156	18.927	2.413	18.927	2.413	0.055	0.008	0.055	0.008	0.053	0.008	0.053	0.008
Shelf RKF	0-100FM	SEP-OCT 2001	4	13.039	3.445	13.039	3.445	0.151	0.058	0.151	0.058	0.101	0.042	0.101	0.042
Shelf RKF	0-100FM	NOV-DEC 2001	1	11.086	---	11.086	---	0.022	---	0.022	---	0.012	---	0.012	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	953.224	936.270	1,185.570	1,164.312	1.581	1.554	1.966	1.932	1.004	0.986	1.248	1.227
Shelf RKF	0-100FM	MAR-APR 2002	8	22.858	12.570	35.952	16.128	0.056	0.033	0.089	0.045	0.042	0.025	0.067	0.033
Shelf RKF	0-100FM	MAY-JUN 2002	6	1,653.956	641.170	1,771.242	664.377	1.054	0.459	1.129	0.479	0.912	0.365	0.976	0.379
Shelf RKF	100-200FM	SEP-OCT 2001	5	17.293	6.617	17.293	6.617	0.103	0.062	0.103	0.062	0.072	0.040	0.072	0.040
Shelf RKF	100-200FM	JAN-FEB 2002	5	95.886	54.889	178.078	112.221	0.203	0.120	0.378	0.243	0.163	0.097	0.303	0.197
Shelf RKF	100-200FM	MAR-APR 2002	2	0.944	0.944	0.944	0.944	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005
Shelf RKF	100-200FM	MAY-JUN 2002	2	4.612	4.612	4.612	4.612	0.015	0.015	0.015	0.015	0.009	0.009	0.009	0.009
Slope RKF	100-200FM	SEP-OCT 2001	1	47.673	---	47.673	---	0.199	---	0.199	---	0.128	---	0.128	---
Slope RKF	100-200FM	NOV-DEC 2001	5	330.942	211.363	330.942	211.363	0.856	0.551	0.856	0.551	0.664	0.425	0.664	0.425
Slope RKF	100-200FM	JAN-FEB 2002	18	19.010	11.978	29.811	14.296	0.061	0.041	0.096	0.052	0.052	0.034	0.081	0.042
Slope RKF	100-200FM	MAR-APR 2002	11	22.578	12.668	25.259	12.943	0.012	0.008	0.013	0.009	0.012	0.008	0.013	0.009
Slope RKF	100-200FM	MAY-JUN 2002	8	6.158	2.136	28.244	15.639	0.003	0.002	0.013	0.009	0.003	0.002	0.012	0.009
Slope RKF	100-200FM	JUL-AUG 2002	3	117.142	111.838	125.426	109.365	0.059	0.058	0.063	0.060	0.056	0.055	0.060	0.057
Slope RKF	>200FM	MAY-JUN 2002	10	1.267	0.941	2.063	1.180	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	6.000	---	-	---	0.041	---	-	---	0.038	---
Flatfish	0-100FM	SEP-OCT 2001	127	5.672	1.825	6.336	1.840	0.036	0.012	0.041	0.013	0.034	0.011	0.038	0.012
Flatfish	0-100FM	NOV-DEC 2001	35	16.799	7.552	16.799	7.552	0.142	0.071	0.142	0.071	0.130	0.064	0.130	0.064
Flatfish	0-100FM	JAN-FEB 2002	53	4.680	1.571	5.913	1.857	0.010	0.004	0.013	0.005	0.010	0.004	0.012	0.005
Flatfish	0-100FM	MAR-APR 2002	37	3.882	1.948	5.058	2.117	0.013	0.007	0.017	0.008	0.013	0.007	0.016	0.008
Flatfish	0-100FM	MAY-JUN 2002	7	3.905	2.754	8.110	4.851	0.051	0.037	0.106	0.067	0.034	0.025	0.070	0.046
Flatfish	100-200FM	SEP-OCT 2001	34	14.138	6.863	17.582	6.893	0.043	0.021	0.053	0.021	0.041	0.020	0.051	0.020
Flatfish	100-200FM	NOV-DEC 2001	6	284.194	139.752	284.194	139.752	0.839	0.503	0.839	0.503	0.741	0.418	0.741	0.418
Flatfish	100-200FM	JAN-FEB 2002	5	27.292	12.103	37.768	17.601	0.090	0.047	0.125	0.068	0.082	0.042	0.113	0.061

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded lbs per lb Target Species	s.e.	Bycatch lbs per lb Target Species	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.	
					Discarded lbs per hr		Bycatch lbs per hr		Discarded lbs per lb Target Species			Bycatch lbs per lb Target Species		Discarded lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	1	33.742	---	33.742	---	0.089	---	0.089	---	0.083	---	0.083	---
Flatfish	100-200FM	JUL-AUG 2002	3	34.380	26.361	35.136	25.932	0.239	0.188	0.244	0.186	0.219	0.172	0.224	0.170
Flatfish	>200FM	SEP-OCT 2001	4	13.986	8.011	13.986	8.011	0.183	0.105	0.183	0.105	0.124	0.071	0.124	0.071
Bocaccio															
DTS	0-100FM	MAR-APR 2002	2	0.375	0.375	3.040	0.838	0.001	0.001	0.007	0.006	0.001	0.001	0.006	0.005
DTS	0-100FM	MAY-JUN 2002	3	2.724	1.571	25.681	21.853	0.007	0.005	0.066	0.057	0.005	0.003	0.043	0.037
DTS	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	100-200FM	MAR-APR 2002	4	-	8.646	-	8.646	-	0.016	-	0.016	-	0.015	-	0.015
DTS	100-200FM	MAY-JUN 2002	7	-	3.705	3.333	2.170	-	0.030	0.013	0.011	-	0.022	0.011	0.008
DTS	100-200FM	JUL-AUG 2002	8	5.072	5.072	5.072	5.072	0.014	0.014	0.014	0.014	0.011	0.011	0.011	0.011
DTS	>200FM	SEP-OCT 2001	4	-	55.538	-	55.538	-	0.052	-	0.052	-	0.050	-	0.050
DTS	>200FM	JAN-FEB 2002	46	-	11.090	-	11.090	-	0.041	-	0.041	-	0.040	-	0.040
DTS	>200FM	MAR-APR 2002	59	-	15.433	-	15.433	-	0.038	-	0.038	-	0.034	-	0.034
DTS	>200FM	MAY-JUN 2002	37	-	12.574	-	12.574	-	0.029	-	0.029	-	0.029	-	0.029
DTS	>200FM	JUL-AUG 2002	156	-	2.413	-	2.413	-	0.008	-	0.008	-	0.008	-	0.008
Shelf RKF	0-100FM	SEP-OCT 2001	4	5.420	3.691	5.420	3.691	0.063	0.045	0.063	0.045	0.042	0.030	0.042	0.030
Shelf RKF	0-100FM	NOV-DEC 2001	1	123.420	---	123.420	---	0.246	---	0.246	---	0.139	---	0.139	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	42.378	42.378	42.378	42.378	0.070	0.070	0.070	0.070	0.045	0.045	0.045	0.045
Shelf RKF	0-100FM	MAR-APR 2002	8	3.226	3.226	3.226	3.226	0.008	0.008	0.008	0.008	0.006	0.006	0.006	0.006
Shelf RKF	0-100FM	MAY-JUN 2002	6	302.090	238.796	302.090	238.796	0.192	0.154	0.192	0.154	0.167	0.132	0.167	0.132
Shelf RKF	100-200FM	SEP-OCT 2001	5	7.391	2.514	7.391	2.514	0.044	0.026	0.044	0.026	0.031	0.017	0.031	0.017
Shelf RKF	100-200FM	JAN-FEB 2002	5	-	54.889	-	112.221	-	0.120	-	0.243	-	0.097	-	0.197
Shelf RKF	100-200FM	MAR-APR 2002	2	200.275	195.250	200.275	195.250	1.201	1.185	1.201	1.185	1.001	0.986	1.001	0.986
Shelf RKF	100-200FM	MAY-JUN 2002	2	92.867	92.867	92.867	92.867	0.294	0.294	0.294	0.294	0.190	0.190	0.190	0.190
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	54.735	17.621	54.735	17.621	0.142	0.048	0.142	0.048	0.110	0.036	0.110	0.036
Slope RKF	100-200FM	JAN-FEB 2002	18	2.363	2.299	2.363	2.299	0.008	0.007	0.008	0.007	0.006	0.006	0.006	0.006
Slope RKF	100-200FM	MAR-APR 2002	11	8.929	3.255	8.929	3.255	0.005	0.003	0.005	0.003	0.005	0.003	0.005	0.003
Slope RKF	100-200FM	MAY-JUN 2002	8	-	2.136	2.053	2.053	-	0.002	0.001	0.001	-	0.002	0.001	0.001
Slope RKF	100-200FM	JUL-AUG 2002	3	-	111.838	-	109.365	-	0.058	-	0.060	-	0.055	-	0.057
Slope RKF	>200FM	MAY-JUN 2002	10	-	0.941	-	1.180	-	0.001	-	0.001	-	0.001	-	0.001
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	3.145	1.382	3.206	1.382	0.020	0.009	0.021	0.009	0.019	0.008	0.019	0.008
Flatfish	0-100FM	NOV-DEC 2001	35	24.621	11.691	24.621	11.691	0.208	0.109	0.208	0.109	0.190	0.098	0.190	0.098
Flatfish	0-100FM	JAN-FEB 2002	53	0.090	0.090	1.378	0.395	0.000	0.000	0.003	0.001	0.000	0.000	0.003	0.001
Flatfish	0-100FM	MAR-APR 2002	37	0.408	0.199	0.748	0.306	0.001	0.001	0.002	0.001	0.001	0.001	0.002	0.001
Flatfish	0-100FM	MAY-JUN 2002	7	0.122	0.122	3.909	2.953	0.002	0.002	0.051	0.039	0.001	0.001	0.034	0.027
Flatfish	100-200FM	SEP-OCT 2001	34	1.350	0.890	2.889	0.998	0.004	0.003	0.009	0.003	0.004	0.003	0.008	0.003
Flatfish	100-200FM	NOV-DEC 2001	6	11.868	8.852	11.868	8.852	0.035	0.028	0.035	0.028	0.031	0.024	0.031	0.024
Flatfish	100-200FM	JAN-FEB 2002	5	-	12.103	1.931	1.752	-	0.047	0.006	0.006	-	0.042	0.006	0.005

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	Bycatch lbs per hr	s.e.	Discarded Target Species	s.e.	Bycatch Target Species	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr			Discarded lbs per lb Target Species		Bycatch lbs per lb Target Species			Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	100-200FM	JUL-AUG 2002	3	0.612	0.612	0.612	0.612	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Flatfish	>200FM	SEP-OCT 2001	4	-	8.011	-	8.011	-	0.105	-	0.105	-	0.071	-	0.071
Chilipepper															
DTS	0-100FM	MAR-APR 2002	2	-	0.375	18.767	5.255	-	0.001	0.041	0.039	-	0.001	0.037	0.033
DTS	0-100FM	MAY-JUN 2002	3	7.787	6.526	19.266	10.002	0.020	0.017	0.049	0.030	0.013	0.011	0.032	0.018
DTS	100-200FM	SEP-OCT 2001	1	-	---	27.953	---	-	---	0.187	---	-	---	0.088	---
DTS	100-200FM	MAR-APR 2002	4	-	8.646	-	8.646	-	0.016	-	0.016	-	0.015	-	0.015
DTS	100-200FM	MAY-JUN 2002	7	1.000	0.718	11.976	8.013	0.004	0.003	0.046	0.038	0.003	0.003	0.039	0.030
DTS	100-200FM	JUL-AUG 2002	8	4.770	4.645	4.770	4.645	0.013	0.012	0.013	0.012	0.011	0.010	0.011	0.010
DTS	>200FM	SEP-OCT 2001	4	-	55.538	-	55.538	-	0.052	-	0.052	-	0.050	-	0.050
DTS	>200FM	JAN-FEB 2002	46	-	11.090	-	11.090	-	0.041	-	0.041	-	0.040	-	0.040
DTS	>200FM	MAR-APR 2002	59	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	MAY-JUN 2002	37	0.027	0.020	0.027	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	JUL-AUG 2002	156	-	2.413	-	2.413	-	0.008	-	0.008	-	0.008	-	0.008
Shelf RKF	0-100FM	SEP-OCT 2001	4	5.438	2.407	5.438	2.407	0.063	0.032	0.063	0.032	0.042	0.023	0.042	0.023
Shelf RKF	0-100FM	NOV-DEC 2001	1	513.633	---	513.633	---	1.026	---	1.026	---	0.578	---	0.578	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	1,401.024	796.626	1,401.024	796.626	2.324	1.362	2.324	1.362	1.475	0.866	1.475	0.866
Shelf RKF	0-100FM	MAR-APR 2002	8	69.474	68.709	69.474	68.709	0.171	0.169	0.171	0.169	0.129	0.128	0.129	0.128
Shelf RKF	0-100FM	MAY-JUN 2002	6	636.758	269.256	636.758	269.256	0.406	0.189	0.406	0.189	0.351	0.152	0.351	0.152
Shelf RKF	100-200FM	SEP-OCT 2001	5	13.743	9.508	13.743	9.508	0.082	0.064	0.082	0.064	0.058	0.044	0.058	0.044
Shelf RKF	100-200FM	JAN-FEB 2002	5	74.270	33.796	74.270	33.796	0.158	0.076	0.158	0.076	0.126	0.062	0.126	0.062
Shelf RKF	100-200FM	MAR-APR 2002	2	370.312	369.953	370.312	369.953	2.221	2.220	2.221	2.220	1.851	1.850	1.851	1.850
Shelf RKF	100-200FM	MAY-JUN 2002	2	38.472	35.438	38.472	35.438	0.122	0.109	0.122	0.109	0.079	0.070	0.079	0.070
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	-	17.621	-	17.621	-	0.048	-	0.048	-	0.036	-	0.036
Slope RKF	100-200FM	JAN-FEB 2002	18	4.967	3.787	5.191	3.781	0.016	0.013	0.017	0.013	0.013	0.010	0.014	0.011
Slope RKF	100-200FM	MAR-APR 2002	11	37.244	27.137	37.244	27.137	0.020	0.016	0.020	0.016	0.020	0.016	0.020	0.016
Slope RKF	100-200FM	MAY-JUN 2002	8	2.246	0.743	3.321	1.530	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001
Slope RKF	100-200FM	JUL-AUG 2002	3	121.118	120.723	121.118	120.723	0.061	0.061	0.061	0.061	0.058	0.058	0.058	0.058
Slope RKF	>200FM	MAY-JUN 2002	10	0.160	0.160	0.287	0.180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	2.274	1.099	9.934	3.019	0.015	0.007	0.064	0.020	0.013	0.007	0.059	0.019
Flatfish	0-100FM	NOV-DEC 2001	35	41.561	20.791	51.672	22.821	0.352	0.192	0.437	0.217	0.321	0.173	0.400	0.195
Flatfish	0-100FM	JAN-FEB 2002	53	3.498	2.063	4.804	2.373	0.007	0.005	0.010	0.005	0.007	0.005	0.010	0.005
Flatfish	0-100FM	MAR-APR 2002	37	0.279	0.144	0.807	0.327	0.001	0.001	0.003	0.001	0.001	0.001	0.003	0.001
Flatfish	0-100FM	MAY-JUN 2002	7	10.147	6.707	33.250	28.065	0.132	0.091	0.433	0.370	0.088	0.062	0.287	0.248
Flatfish	100-200FM	SEP-OCT 2001	34	0.361	0.248	3.890	2.367	0.001	0.001	0.012	0.007	0.001	0.001	0.011	0.007
Flatfish	100-200FM	NOV-DEC 2001	6	16.833	11.754	16.833	11.754	0.050	0.037	0.050	0.037	0.044	0.032	0.044	0.032
Flatfish	100-200FM	JAN-FEB 2002	5	20.272	6.702	33.245	11.680	0.067	0.030	0.110	0.050	0.061	0.026	0.100	0.045

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	Bycatch lbs per hr	s.e.	Discarded Target Species	s.e.	Bycatch Target Species	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr			Discarded lbs per lb of Target Species		Bycatch lbs per lb of Target Species			Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	1	1,335.100	---	1,348.434	---	3.534	---	3.569	---	3.268	---	3.300	---
Flatfish	100-200FM	JUL-AUG 2002	3	0.216	0.216	0.216	0.216	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001
Flatfish	>200FM	SEP-OCT 2001	4	-	8.011	-	8.011	-	0.105	-	0.105	-	0.071	-	0.071
Canary RKF															
DTS	0-100FM	MAR-APR 2002	2	-	0.375	-	5.255	-	0.001	-	0.039	-	0.001	-	0.033
DTS	0-100FM	MAY-JUN 2002	3	2.700	1.460	2.700	1.460	0.007	0.004	0.007	0.004	0.004	0.003	0.004	0.003
DTS	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	100-200FM	MAR-APR 2002	4	-	8.646	-	8.646	-	0.016	-	0.016	-	0.015	-	0.015
DTS	100-200FM	MAY-JUN 2002	7	-	0.718	1.563	1.091	-	0.003	0.006	0.005	-	0.003	0.005	0.004
DTS	100-200FM	JUL-AUG 2002	8	-	4.645	-	4.645	-	0.012	-	0.012	-	0.010	-	0.010
DTS	>200FM	SEP-OCT 2001	4	-	55.538	-	55.538	-	0.052	-	0.052	-	0.050	-	0.050
DTS	>200FM	JAN-FEB 2002	46	-	11.090	-	11.090	-	0.041	-	0.041	-	0.040	-	0.040
DTS	>200FM	MAR-APR 2002	59	-	0.001	-	0.001	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	MAY-JUN 2002	37	-	0.020	-	0.020	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	JUL-AUG 2002	156	-	2.413	-	2.413	-	0.008	-	0.008	-	0.008	-	0.008
Shelf RKF	0-100FM	SEP-OCT 2001	4	0.099	0.099	0.099	0.099	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Shelf RKF	0-100FM	NOV-DEC 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	-	796.626	-	796.626	-	1.362	-	1.362	-	0.866	-	0.866
Shelf RKF	0-100FM	MAR-APR 2002	8	-	68.709	-	68.709	-	0.169	-	0.169	-	0.128	-	0.128
Shelf RKF	0-100FM	MAY-JUN 2002	6	-	269.256	-	269.256	-	0.189	-	0.189	-	0.152	-	0.152
Shelf RKF	100-200FM	SEP-OCT 2001	5	-	9.508	-	9.508	-	0.064	-	0.064	-	0.044	-	0.044
Shelf RKF	100-200FM	JAN-FEB 2002	5	-	33.796	-	33.796	-	0.076	-	0.076	-	0.062	-	0.062
Shelf RKF	100-200FM	MAR-APR 2002	2	-	369.953	-	369.953	-	2.220	-	2.220	-	1.850	-	1.850
Shelf RKF	100-200FM	MAY-JUN 2002	2	-	35.438	-	35.438	-	0.109	-	0.109	-	0.070	-	0.070
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	-	17.621	-	17.621	-	0.048	-	0.048	-	0.036	-	0.036
Slope RKF	100-200FM	JAN-FEB 2002	18	-	3.787	-	3.781	-	0.013	-	0.013	-	0.010	-	0.011
Slope RKF	100-200FM	MAR-APR 2002	11	-	27.137	-	27.137	-	0.016	-	0.016	-	0.016	-	0.016
Slope RKF	100-200FM	MAY-JUN 2002	8	0.301	0.301	0.301	0.301	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	100-200FM	JUL-AUG 2002	3	-	120.723	-	120.723	-	0.061	-	0.061	-	0.058	-	0.058
Slope RKF	>200FM	MAY-JUN 2002	10	-	0.160	-	0.180	-	0.000	-	0.000	-	0.000	-	0.000
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	0.058	0.043	0.452	0.249	0.000	0.000	0.003	0.002	0.000	0.000	0.003	0.001
Flatfish	0-100FM	NOV-DEC 2001	35	0.022	0.015	0.022	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	JAN-FEB 2002	53	0.011	0.011	0.244	0.210	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.000
Flatfish	0-100FM	MAR-APR 2002	37	-	0.144	-	0.327	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	0-100FM	MAY-JUN 2002	7	0.135	0.135	0.764	0.451	0.002	0.002	0.010	0.006	0.001	0.001	0.007	0.004
Flatfish	100-200FM	SEP-OCT 2001	34	0.041	0.041	0.041	0.041	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	100-200FM	NOV-DEC 2001	6	-	11.754	-	11.754	-	0.037	-	0.037	-	0.032	-	0.032
Flatfish	100-200FM	JAN-FEB 2002	5	-	6.702	0.237	0.237	-	0.030	0.001	0.001	-	0.026	0.001	0.001

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded lbs per lb Target Species	s.e.	Bycatch lbs per lb Target Species	s.e.	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr		Discarded lbs per lb Target Species		Bycatch lbs per lb Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	1	11.724	---	11.724	---	0.031	---	0.031	---	0.029	---	0.029	---
Flatfish	100-200FM	JUL-AUG 2002	3	4.458	2.047	4.458	2.047	0.031	0.016	0.031	0.016	0.028	0.015	0.028	0.015
Flatfish	>200FM	SEP-OCT 2001	4	-	8.011	-	8.011	-	0.105	-	0.105	-	0.071	-	0.071
Cowcod															
DTS	0-100FM	MAR-APR 2002	2	0.838	0.213	0.838	0.213	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.001
DTS	0-100FM	MAY-JUN 2002	3	0.918	0.918	0.918	0.918	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
DTS	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	100-200FM	MAR-APR 2002	4	-	8.646	-	8.646	-	0.016	-	0.016	-	0.015	-	0.015
DTS	100-200FM	MAY-JUN 2002	7	0.646	0.524	0.646	0.524	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
DTS	100-200FM	JUL-AUG 2002	8	-	4.645	-	4.645	-	0.012	-	0.012	-	0.010	-	0.010
DTS	>200FM	SEP-OCT 2001	4	-	55.538	-	55.538	-	0.052	-	0.052	-	0.050	-	0.050
DTS	>200FM	JAN-FEB 2002	46	-	11.090	-	11.090	-	0.041	-	0.041	-	0.040	-	0.040
DTS	>200FM	MAR-APR 2002	59	-	0.001	-	0.001	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	MAY-JUN 2002	37	-	0.020	-	0.020	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	JUL-AUG 2002	156	-	2.413	-	2.413	-	0.008	-	0.008	-	0.008	-	0.008
Shelf RKF	0-100FM	SEP-OCT 2001	4	-	0.099	-	0.099	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	NOV-DEC 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	-	796.626	-	796.626	-	1.362	-	1.362	-	0.866	-	0.866
Shelf RKF	0-100FM	MAR-APR 2002	8	0.519	0.354	0.519	0.354	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Shelf RKF	0-100FM	MAY-JUN 2002	6	12.669	5.100	12.669	5.100	0.008	0.004	0.008	0.004	0.007	0.003	0.007	0.003
Shelf RKF	100-200FM	SEP-OCT 2001	5	0.056	0.056	0.056	0.056	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	100-200FM	JAN-FEB 2002	5	0.073	0.073	0.073	0.073	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	100-200FM	MAR-APR 2002	2	71.033	71.033	71.033	71.033	0.426	0.426	0.426	0.426	0.355	0.355	0.355	0.355
Shelf RKF	100-200FM	MAY-JUN 2002	2	5.915	3.103	5.915	3.103	0.019	0.004	0.019	0.004	0.012	0.002	0.012	0.002
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	-	17.621	-	17.621	-	0.048	-	0.048	-	0.036	-	0.036
Slope RKF	100-200FM	JAN-FEB 2002	18	0.027	0.027	0.027	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	100-200FM	MAR-APR 2002	11	-	27.137	-	27.137	-	0.016	-	0.016	-	0.016	-	0.016
Slope RKF	100-200FM	MAY-JUN 2002	8	2.805	2.130	2.805	2.130	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Slope RKF	100-200FM	JUL-AUG 2002	3	2.030	2.030	2.030	2.030	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Slope RKF	>200FM	MAY-JUN 2002	10	-	0.160	-	0.180	-	0.000	-	0.000	-	0.000	-	0.000
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	0.010	0.006	0.010	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	NOV-DEC 2001	35	0.477	0.268	0.477	0.268	0.004	0.002	0.004	0.002	0.004	0.002	0.004	0.002
Flatfish	0-100FM	JAN-FEB 2002	53	-	0.011	-	0.210	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	MAR-APR 2002	37	0.083	0.083	0.083	0.083	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	MAY-JUN 2002	7	0.078	0.078	0.078	0.078	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	100-200FM	SEP-OCT 2001	34	0.104	0.030	0.104	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	100-200FM	NOV-DEC 2001	6	3.689	2.411	3.689	2.411	0.011	0.008	0.011	0.008	0.010	0.007	0.010	0.007
Flatfish	100-200FM	JAN-FEB 2002	5	-	6.702	-	0.237	-	0.030	-	0.001	-	0.026	-	0.001

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded	Discarded	Bycatch	Bycatch	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	1	12.010	---	12.010	---	0.032	---	0.032	---	0.029	---	0.029	---
Flatfish	100-200FM	JUL-AUG 2002	3	-	2.047	-	2.047	-	0.016	-	0.016	-	0.015	-	0.015
Flatfish	>200FM	SEP-OCT 2001	4	-	8.011	-	8.011	-	0.105	-	0.105	-	0.071	-	0.071
Widow RKF															
DTS	0-100FM	MAR-APR 2002	2	-	0.213	-	0.213	-	0.002	-	0.002	-	0.001	-	0.001
DTS	0-100FM	MAY-JUN 2002	3	0.044	0.044	0.044	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	100-200FM	MAR-APR 2002	4	0.182	0.182	0.182	0.182	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	100-200FM	MAY-JUN 2002	7	-	0.524	-	0.524	-	0.002	-	0.002	-	0.002	-	0.002
DTS	100-200FM	JUL-AUG 2002	8	0.320	0.320	0.320	0.320	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
DTS	>200FM	SEP-OCT 2001	4	-	55.538	-	55.538	-	0.052	-	0.052	-	0.050	-	0.050
DTS	>200FM	JAN-FEB 2002	46	-	11.090	-	11.090	-	0.041	-	0.041	-	0.040	-	0.040
DTS	>200FM	MAR-APR 2002	59	-	0.001	-	0.001	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	MAY-JUN 2002	37	-	0.020	-	0.020	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	JUL-AUG 2002	156	-	2.413	-	2.413	-	0.008	-	0.008	-	0.008	-	0.008
Shelf RKF	0-100FM	SEP-OCT 2001	4	-	0.099	-	0.099	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	NOV-DEC 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	-	796.626	-	796.626	-	1.362	-	1.362	-	0.866	-	0.866
Shelf RKF	0-100FM	MAR-APR 2002	8	-	0.354	-	0.354	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	MAY-JUN 2002	6	-	5.100	-	5.100	-	0.004	-	0.004	-	0.003	-	0.003
Shelf RKF	100-200FM	SEP-OCT 2001	5	-	0.056	-	0.056	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	100-200FM	JAN-FEB 2002	5	-	0.073	-	0.073	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	100-200FM	MAR-APR 2002	2	8.598	8.598	8.598	8.598	0.052	0.052	0.052	0.052	0.043	0.043	0.043	0.043
Shelf RKF	100-200FM	MAY-JUN 2002	2	-	3.103	-	3.103	-	0.004	-	0.004	-	0.002	-	0.002
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	-	17.621	-	17.621	-	0.048	-	0.048	-	0.036	-	0.036
Slope RKF	100-200FM	JAN-FEB 2002	18	0.078	0.054	0.078	0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	100-200FM	MAR-APR 2002	11	1.864	1.144	1.864	1.144	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Slope RKF	100-200FM	MAY-JUN 2002	8	-	2.130	-	2.130	-	0.001	-	0.001	-	0.001	-	0.001
Slope RKF	100-200FM	JUL-AUG 2002	3	5.385	5.385	5.385	5.385	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Slope RKF	>200FM	MAY-JUN 2002	10	-	0.160	-	0.160	-	0.000	-	0.000	-	0.000	-	0.000
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	-	0.006	0.006	0.006	-	0.000	0.000	0.000	-	0.000	0.000	0.000
Flatfish	0-100FM	NOV-DEC 2001	35	0.067	0.048	0.067	0.048	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
Flatfish	0-100FM	JAN-FEB 2002	53	-	0.011	-	0.011	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	MAR-APR 2002	37	-	0.083	-	0.083	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	MAY-JUN 2002	7	-	0.078	-	0.078	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	100-200FM	SEP-OCT 2001	34	-	0.030	0.013	0.013	-	0.000	0.000	0.000	-	0.000	0.000	0.000
Flatfish	100-200FM	NOV-DEC 2001	6	-	2.411	1.614	1.044	-	0.008	0.005	0.003	-	0.007	0.004	0.003
Flatfish	100-200FM	JAN-FEB 2002	5	-	6.702	0.271	0.271	-	0.030	0.001	0.001	-	0.026	0.001	0.001

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded	Discarded	Bycatch	Bycatch	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	1	9.150	---	9.150	---	0.024	---	0.024	---	0.022	---	0.022	---
Flatfish	100-200FM	JUL-AUG 2002	3	1.212	0.371	1.212	0.371	0.008	0.003	0.008	0.003	0.008	0.003	0.008	0.003
Flatfish	>200FM	SEP-OCT 2001	4	-	8.011	-	8.011	-	0.105	-	0.105	-	0.071	-	0.071
Yellowtail RKF															
DTS	0-100FM	MAR-APR 2002	2	-	0.213	-	0.213	-	0.002	-	0.002	-	0.001	-	0.001
DTS	0-100FM	MAY-JUN 2002	3	-	0.044	-	0.044	-	0.000	-	0.000	-	0.000	-	0.000
DTS	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	100-200FM	MAR-APR 2002	4	-	0.182	-	0.182	-	0.000	-	0.000	-	0.000	-	0.000
DTS	100-200FM	MAY-JUN 2002	7	-	0.524	-	0.524	-	0.002	-	0.002	-	0.002	-	0.002
DTS	100-200FM	JUL-AUG 2002	8	-	0.320	-	0.320	-	0.001	-	0.001	-	0.001	-	0.001
DTS	>200FM	SEP-OCT 2001	4	-	55.538	-	55.538	-	0.052	-	0.052	-	0.050	-	0.050
DTS	>200FM	JAN-FEB 2002	46	-	11.090	-	11.090	-	0.041	-	0.041	-	0.040	-	0.040
DTS	>200FM	MAR-APR 2002	59	-	0.001	-	0.001	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	MAY-JUN 2002	37	-	0.020	-	0.020	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	JUL-AUG 2002	156	-	2.413	-	2.413	-	0.008	-	0.008	-	0.008	-	0.008
Shelf RKF	0-100FM	SEP-OCT 2001	4	-	0.099	-	0.099	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	NOV-DEC 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	-	796.626	-	796.626	-	1.362	-	1.362	-	0.866	-	0.866
Shelf RKF	0-100FM	MAR-APR 2002	8	-	0.354	-	0.354	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	MAY-JUN 2002	6	-	5.100	-	5.100	-	0.004	-	0.004	-	0.003	-	0.003
Shelf RKF	100-200FM	SEP-OCT 2001	5	-	0.056	-	0.056	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	100-200FM	JAN-FEB 2002	5	-	0.073	-	0.073	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	100-200FM	MAR-APR 2002	2	-	8.598	-	8.598	-	0.052	-	0.052	-	0.043	-	0.043
Shelf RKF	100-200FM	MAY-JUN 2002	2	-	3.103	-	3.103	-	0.004	-	0.004	-	0.002	-	0.002
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	-	17.621	-	17.621	-	0.048	-	0.048	-	0.036	-	0.036
Slope RKF	100-200FM	JAN-FEB 2002	18	-	0.054	-	0.054	-	0.000	-	0.000	-	0.000	-	0.000
Slope RKF	100-200FM	MAR-APR 2002	11	-	1.144	-	1.144	-	0.001	-	0.001	-	0.001	-	0.001
Slope RKF	100-200FM	MAY-JUN 2002	8	-	2.130	-	2.130	-	0.001	-	0.001	-	0.001	-	0.001
Slope RKF	100-200FM	JUL-AUG 2002	3	-	5.385	-	5.385	-	0.003	-	0.003	-	0.003	-	0.003
Slope RKF	>200FM	MAY-JUN 2002	10	-	0.160	-	0.180	-	0.000	-	0.000	-	0.000	-	0.000
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	-	0.006	-	0.006	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	NOV-DEC 2001	35	-	0.048	-	0.048	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	JAN-FEB 2002	53	0.013	0.013	0.227	0.147	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	MAR-APR 2002	37	-	0.083	-	0.083	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	MAY-JUN 2002	7	-	0.078	-	0.078	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	100-200FM	SEP-OCT 2001	34	-	0.030	-	0.013	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	100-200FM	NOV-DEC 2001	6	-	2.411	-	1.044	-	0.008	-	0.003	-	0.007	-	0.003
Flatfish	100-200FM	JAN-FEB 2002	5	-	6.702	-	0.271	-	0.030	-	0.001	-	0.026	-	0.001

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded	Discarded	Bycatch	Bycatch	Discarded lbs per lb of Groundfish	s.e.	Bycatch	s.e.
					Discarded lbs per hr		Bycatch lbs per hr	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species		lbs per lb of Groundfish	lbs per lb of Groundfish	
Flatfish	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	100-200FM	JUL-AUG 2002	3	-	0.371	-	0.371	-	0.003	-	0.003	-	0.003	-	0.003
Flatfish	>200FM	SEP-OCT 2001	4	-	8.011	-	8.011	-	0.105	-	0.105	-	0.071	-	0.071
Yelloweye RKF															
DTS	0-100FM	MAR-APR 2002	2	-	0.213	-	0.213	-	0.002	-	0.002	-	0.001	-	0.001
DTS	0-100FM	MAY-JUN 2002	3	-	0.044	-	0.044	-	0.000	-	0.000	-	0.000	-	0.000
DTS	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	100-200FM	MAR-APR 2002	4	-	0.182	-	0.182	-	0.000	-	0.000	-	0.000	-	0.000
DTS	100-200FM	MAY-JUN 2002	7	-	0.524	-	0.524	-	0.002	-	0.002	-	0.002	-	0.002
DTS	100-200FM	JUL-AUG 2002	8	-	0.320	-	0.320	-	0.001	-	0.001	-	0.001	-	0.001
DTS	>200FM	SEP-OCT 2001	4	-	55.538	-	55.538	-	0.052	-	0.052	-	0.050	-	0.050
DTS	>200FM	JAN-FEB 2002	46	-	11.090	-	11.090	-	0.041	-	0.041	-	0.040	-	0.040
DTS	>200FM	MAR-APR 2002	59	-	0.001	-	0.001	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	MAY-JUN 2002	37	-	0.020	-	0.020	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	JUL-AUG 2002	156	-	2.413	-	2.413	-	0.008	-	0.008	-	0.008	-	0.008
Shelf RKF	0-100FM	SEP-OCT 2001	4	-	0.099	-	0.099	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	NOV-DEC 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	-	796.626	-	796.626	-	1.362	-	1.362	-	0.866	-	0.866
Shelf RKF	0-100FM	MAR-APR 2002	8	-	0.354	-	0.354	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	MAY-JUN 2002	6	-	5.100	-	5.100	-	0.004	-	0.004	-	0.003	-	0.003
Shelf RKF	100-200FM	SEP-OCT 2001	5	-	0.056	-	0.056	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	100-200FM	JAN-FEB 2002	5	-	0.073	-	0.073	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	100-200FM	MAR-APR 2002	2	-	8.598	-	8.598	-	0.052	-	0.052	-	0.043	-	0.043
Shelf RKF	100-200FM	MAY-JUN 2002	2	0.217	0.217	0.217	0.217	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	-	17.621	-	17.621	-	0.048	-	0.048	-	0.036	-	0.036
Slope RKF	100-200FM	JAN-FEB 2002	18	-	0.054	-	0.054	-	0.000	-	0.000	-	0.000	-	0.000
Slope RKF	100-200FM	MAR-APR 2002	11	-	1.144	-	1.144	-	0.001	-	0.001	-	0.001	-	0.001
Slope RKF	100-200FM	MAY-JUN 2002	8	1.548	1.548	1.548	1.548	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Slope RKF	100-200FM	JUL-AUG 2002	3	-	5.385	-	5.385	-	0.003	-	0.003	-	0.003	-	0.003
Slope RKF	>200FM	MAY-JUN 2002	10	-	0.160	-	0.180	-	0.000	-	0.000	-	0.000	-	0.000
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	-	0.006	-	0.006	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	NOV-DEC 2001	35	-	0.048	0.127	0.127	-	0.000	0.001	0.001	-	0.000	0.001	0.001
Flatfish	0-100FM	JAN-FEB 2002	53	-	0.013	-	0.147	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	MAR-APR 2002	37	-	0.083	-	0.083	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	MAY-JUN 2002	7	-	0.078	-	0.078	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	100-200FM	SEP-OCT 2001	34	-	0.030	-	0.013	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	100-200FM	NOV-DEC 2001	6	-	2.411	-	1.044	-	0.008	-	0.003	-	0.007	-	0.003
Flatfish	100-200FM	JAN-FEB 2002	5	-	6.702	-	0.271	-	0.030	-	0.001	-	0.026	-	0.001

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded	Discarded	Bycatch	Bycatch	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	1	5.433	---	5.433	---	0.014	---	0.014	---	0.013	---	0.013	---
Flatfish	100-200FM	JUL-AUG 2002	3	0.948	0.505	0.948	0.505	0.007	0.004	0.007	0.004	0.006	0.003	0.006	0.003
Flatfish	>200FM	SEP-OCT 2001	4	-	8.011	-	8.011	-	0.105	-	0.105	-	0.071	-	0.071
Darkblotched RKF															
DTS	0-100FM	MAR-APR 2002	2	-	0.213	-	0.213	-	0.002	-	0.002	-	0.001	-	0.001
DTS	0-100FM	MAY-JUN 2002	3	3.379	2.186	3.379	2.186	0.009	0.006	0.009	0.006	0.006	0.004	0.006	0.004
DTS	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	100-200FM	MAR-APR 2002	4	0.044	0.044	0.044	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	100-200FM	MAY-JUN 2002	7	0.060	0.060	8.121	3.191	0.000	0.000	0.031	0.023	0.000	0.000	0.026	0.017
DTS	100-200FM	JUL-AUG 2002	8	1.681	1.681	2.951	1.988	0.005	0.005	0.008	0.005	0.004	0.004	0.007	0.004
DTS	>200FM	SEP-OCT 2001	4	-	55.538	-	55.538	-	0.052	-	0.052	-	0.050	-	0.050
DTS	>200FM	JAN-FEB 2002	46	-	11.090	-	11.090	-	0.041	-	0.041	-	0.040	-	0.040
DTS	>200FM	MAR-APR 2002	59	0.002	0.002	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	MAY-JUN 2002	37	0.008	0.008	0.107	0.098	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	JUL-AUG 2002	156	0.016	0.012	0.017	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	0-100FM	SEP-OCT 2001	4	-	0.099	-	0.099	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	NOV-DEC 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	-	796.626	-	796.626	-	1.362	-	1.362	-	0.866	-	0.866
Shelf RKF	0-100FM	MAR-APR 2002	8	0.035	0.035	0.035	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	0-100FM	MAY-JUN 2002	6	4.213	4.213	5.407	4.214	0.003	0.003	0.003	0.003	0.002	0.002	0.003	0.002
Shelf RKF	100-200FM	SEP-OCT 2001	5	-	0.056	0.106	0.106	-	0.000	0.001	0.001	-	0.000	0.000	0.000
Shelf RKF	100-200FM	JAN-FEB 2002	5	-	0.073	-	0.073	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	100-200FM	MAR-APR 2002	2	-	8.598	-	8.598	-	0.052	-	0.052	-	0.043	-	0.043
Shelf RKF	100-200FM	MAY-JUN 2002	2	2.211	2.211	2.211	2.211	0.007	0.007	0.007	0.007	0.005	0.005	0.005	0.005
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	-	17.621	-	17.621	-	0.048	-	0.048	-	0.036	-	0.036
Slope RKF	100-200FM	JAN-FEB 2002	18	2.747	0.813	2.747	0.813	0.009	0.004	0.009	0.004	0.007	0.003	0.007	0.003
Slope RKF	100-200FM	MAR-APR 2002	11	0.561	0.561	0.561	0.561	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	100-200FM	MAY-JUN 2002	8	0.500	0.344	0.500	0.344	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	100-200FM	JUL-AUG 2002	3	-	5.385	-	5.385	-	0.003	-	0.003	-	0.003	-	0.003
Slope RKF	>200FM	MAY-JUN 2002	10	0.040	0.040	0.040	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	0.042	0.042	0.042	0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	NOV-DEC 2001	35	0.094	0.071	0.094	0.071	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	0-100FM	JAN-FEB 2002	53	-	0.013	-	0.147	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	MAR-APR 2002	37	-	0.083	-	0.083	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	MAY-JUN 2002	7	0.100	0.100	0.100	0.100	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	100-200FM	SEP-OCT 2001	34	0.095	0.092	0.096	0.092	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	100-200FM	NOV-DEC 2001	6	-	2.411	-	1.044	-	0.008	-	0.003	-	0.007	-	0.003
Flatfish	100-200FM	JAN-FEB 2002	5	4.377	2.781	4.377	2.781	0.014	0.010	0.014	0.010	0.013	0.009	0.013	0.009

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded	Discarded	Bycatch	Bycatch	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	1	9.436	---	20.725	---	0.025	---	0.055	---	0.023	---	0.051	---
Flatfish	100-200FM	JUL-AUG 2002	3	-	0.505	-	0.505	-	0.004	-	0.004	-	0.003	-	0.003
Flatfish	>200FM	SEP-OCT 2001	4	-	8.011	-	8.011	-	0.105	-	0.105	-	0.071	-	0.071
POP															
DTS	0-100FM	MAR-APR 2002	2	-	0.213	-	0.213	-	0.002	-	0.002	-	0.001	-	0.001
DTS	0-100FM	MAY-JUN 2002	3	-	2.186	-	2.186	-	0.006	-	0.006	-	0.004	-	0.004
DTS	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	100-200FM	MAR-APR 2002	4	-	0.044	-	0.044	-	0.000	-	0.000	-	0.000	-	0.000
DTS	100-200FM	MAY-JUN 2002	7	-	0.060	0.031	0.031	-	0.000	0.000	0.000	-	0.000	0.000	0.000
DTS	100-200FM	JUL-AUG 2002	8	-	1.681	0.116	0.116	-	0.005	0.000	0.000	0.116	0.004	0.000	0.000
DTS	>200FM	SEP-OCT 2001	4	-	55.538	-	55.538	-	0.052	-	0.052	-	0.050	-	0.050
DTS	>200FM	JAN-FEB 2002	46	-	11.090	-	11.090	-	0.041	-	0.041	-	0.040	-	0.040
DTS	>200FM	MAR-APR 2002	59	-	0.002	-	0.002	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	MAY-JUN 2002	37	-	0.008	-	0.098	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	JUL-AUG 2002	156	0.002	0.002	0.007	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	0-100FM	SEP-OCT 2001	4	-	0.099	-	0.099	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	NOV-DEC 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	-	796.626	-	796.626	-	1.362	-	1.362	-	0.866	-	0.866
Shelf RKF	0-100FM	MAR-APR 2002	8	-	0.035	-	0.035	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	0-100FM	MAY-JUN 2002	6	-	4.213	-	4.214	-	0.003	-	0.003	-	0.002	-	0.002
Shelf RKF	100-200FM	SEP-OCT 2001	5	-	0.056	-	0.106	-	0.000	-	0.001	-	0.000	-	0.000
Shelf RKF	100-200FM	JAN-FEB 2002	5	-	0.073	-	0.073	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	100-200FM	MAR-APR 2002	2	-	8.598	-	8.598	-	0.052	-	0.052	-	0.043	-	0.043
Shelf RKF	100-200FM	MAY-JUN 2002	2	-	2.211	-	2.211	-	0.007	-	0.007	-	0.005	-	0.005
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	-	17.621	-	17.621	-	0.048	-	0.048	-	0.036	-	0.036
Slope RKF	100-200FM	JAN-FEB 2002	18	-	0.813	-	0.813	-	0.004	-	0.004	-	0.003	-	0.003
Slope RKF	100-200FM	MAR-APR 2002	11	-	0.561	-	0.561	-	0.000	-	0.000	-	0.000	-	0.000
Slope RKF	100-200FM	MAY-JUN 2002	8	3.686	3.686	3.686	3.686	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Slope RKF	100-200FM	JUL-AUG 2002	3	-	5.385	-	5.385	-	0.003	-	0.003	-	0.003	-	0.003
Slope RKF	>200FM	MAY-JUN 2002	10	-	0.040	-	0.040	-	0.000	-	0.000	-	0.000	-	0.000
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	-	0.042	-	0.042	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	NOV-DEC 2001	35	-	0.071	-	0.071	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	0-100FM	JAN-FEB 2002	53	-	0.013	-	0.147	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	MAR-APR 2002	37	-	0.083	-	0.083	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	MAY-JUN 2002	7	-	0.100	-	0.100	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	100-200FM	SEP-OCT 2001	34	-	0.092	-	0.092	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	100-200FM	NOV-DEC 2001	6	-	2.411	-	1.044	-	0.008	-	0.003	-	0.007	-	0.003
Flatfish	100-200FM	JAN-FEB 2002	5	-	2.781	-	2.781	-	0.010	-	0.010	-	0.009	-	0.009

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded	Discarded	Bycatch	Bycatch	Discarded lbs per lb of Groundfish	s.e.	Bycatch	s.e.
					Discarded lbs per hr		Bycatch lbs per hr	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species		Discarded lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish	
Flatfish	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	100-200FM	JUL-AUG 2002	3	-	0.505	-	0.505	-	0.004	-	0.004	-	0.003	-	0.003
Flatfish	>200FM	SEP-OCT 2001	4	-	8.011	-	8.011	-	0.105	-	0.105	-	0.071	-	0.071
Splitnose RKF															
DTS	0-100FM	MAR-APR 2002	2	-	0.213	-	0.213	-	0.002	-	0.002	-	0.001	-	0.001
DTS	0-100FM	MAY-JUN 2002	3	1.841	1.582	7.580	7.316	0.005	0.004	0.019	0.019	0.003	0.003	0.013	0.012
DTS	100-200FM	SEP-OCT 2001	1	480.539	---	531.886	---	3.219	---	3.563	---	1.507	---	1.668	---
DTS	100-200FM	MAR-APR 2002	4	10.937	10.937	12.198	10.804	0.017	0.017	0.019	0.018	0.016	0.016	0.018	0.016
DTS	100-200FM	MAY-JUN 2002	7	4.019	3.268	4.423	3.211	0.015	0.014	0.017	0.015	0.013	0.011	0.014	0.012
DTS	100-200FM	JUL-AUG 2002	8	16.069	16.004	25.237	15.926	0.043	0.043	0.068	0.044	0.036	0.036	0.057	0.036
DTS	>200FM	SEP-OCT 2001	4	-	55.538	-	55.538	-	0.052	-	0.052	-	0.050	-	0.050
DTS	>200FM	JAN-FEB 2002	46	0.179	0.176	0.253	0.187	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
DTS	>200FM	MAR-APR 2002	59	1.251	0.964	2.451	1.036	0.003	0.002	0.006	0.002	0.003	0.002	0.005	0.002
DTS	>200FM	MAY-JUN 2002	37	0.026	0.020	1.031	0.951	0.000	0.000	0.002	0.002	0.000	0.000	0.002	0.002
DTS	>200FM	JUL-AUG 2002	156	0.019	0.013	0.100	0.069	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	0-100FM	SEP-OCT 2001	4	-	0.099	-	0.099	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	NOV-DEC 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	17.293	11.225	17.293	11.225	0.029	0.019	0.029	0.019	0.018	0.012	0.018	0.012
Shelf RKF	0-100FM	MAR-APR 2002	8	-	0.035	-	0.035	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	0-100FM	MAY-JUN 2002	6	32.765	30.433	32.765	30.433	0.021	0.019	0.021	0.019	0.018	0.017	0.018	0.017
Shelf RKF	100-200FM	SEP-OCT 2001	5	6.277	6.277	7.888	6.879	0.037	0.037	0.047	0.043	0.026	0.026	0.033	0.030
Shelf RKF	100-200FM	JAN-FEB 2002	5	16.832	7.202	18.288	7.426	0.036	0.016	0.039	0.017	0.029	0.013	0.031	0.014
Shelf RKF	100-200FM	MAR-APR 2002	2	7.828	6.163	11.202	7.811	0.047	0.042	0.067	0.057	0.039	0.034	0.056	0.047
Shelf RKF	100-200FM	MAY-JUN 2002	2	3.976	3.976	12.309	12.309	0.013	0.013	0.039	0.039	0.008	0.008	0.025	0.025
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	11.251	4.646	11.251	4.646	0.029	0.012	0.029	0.012	0.023	0.009	0.023	0.009
Slope RKF	100-200FM	JAN-FEB 2002	18	11.931	4.078	11.931	4.078	0.038	0.017	0.038	0.017	0.032	0.013	0.032	0.013
Slope RKF	100-200FM	MAR-APR 2002	11	214.586	74.042	214.586	74.042	0.115	0.067	0.115	0.067	0.114	0.067	0.114	0.067
Slope RKF	100-200FM	MAY-JUN 2002	8	153.066	67.306	153.066	67.306	0.070	0.047	0.070	0.047	0.067	0.044	0.067	0.044
Slope RKF	100-200FM	JUL-AUG 2002	3	8.512	5.537	8.512	5.537	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Slope RKF	>200FM	MAY-JUN 2002	10	12.125	7.908	12.125	7.908	0.007	0.005	0.007	0.005	0.006	0.005	0.006	0.005
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	-	0.042	-	0.042	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	NOV-DEC 2001	35	-	0.071	-	0.071	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	0-100FM	JAN-FEB 2002	53	0.226	0.197	0.226	0.197	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	MAR-APR 2002	37	0.040	0.030	0.040	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	MAY-JUN 2002	7	-	0.100	-	0.100	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	100-200FM	SEP-OCT 2001	34	1.389	0.408	1.392	0.408	0.004	0.001	0.004	0.001	0.004	0.001	0.004	0.001
Flatfish	100-200FM	NOV-DEC 2001	6	3.518	2.424	43.861	19.349	0.010	0.008	0.130	0.073	0.009	0.007	0.114	0.060
Flatfish	100-200FM	JAN-FEB 2002	5	23.086	15.420	23.280	15.606	0.076	0.054	0.077	0.054	0.069	0.049	0.070	0.049

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded	Discarded	Bycatch	Bycatch	Discarded lbs per lb of Groundfish	s.e.	Bycatch	s.e.
					Discarded lbs per hr		Bycatch lbs per hr	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species		Discarded lbs per lb of Groundfish	Bycatch lbs per lb of Groundfish	
Flatfish	100-200FM	MAR-APR 2002	1	17.443	---	23.621	---	0.046	---	0.063	---	0.043	---	0.058	---
Flatfish	100-200FM	JUL-AUG 2002	3	0.276	0.168	0.276	0.168	0.002	0.001	0.002	0.001	0.002	0.001	0.002	0.001
Flatfish	>200FM	SEP-OCT 2001	4	-	8.011	1.809	0.879	-	0.105	0.024	0.012	-	0.071	0.016	0.008
Black RKF															
DTS	0-100FM	MAR-APR 2002	2	-	0.213	-	0.213	-	0.002	-	0.002	-	0.001	-	0.001
DTS	0-100FM	MAY-JUN 2002	3	-	1.582	-	7.316	-	0.004	-	0.019	-	0.003	-	0.012
DTS	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	100-200FM	MAR-APR 2002	4	-	10.937	-	10.804	-	0.017	-	0.018	-	0.016	-	0.016
DTS	100-200FM	MAY-JUN 2002	7	-	3.268	-	3.211	-	0.014	-	0.015	-	0.011	-	0.012
DTS	100-200FM	JUL-AUG 2002	8	-	16.004	-	15.926	-	0.043	-	0.044	-	0.036	-	0.036
DTS	>200FM	SEP-OCT 2001	4	-	55.538	-	55.538	-	0.052	-	0.052	-	0.050	-	0.050
DTS	>200FM	JAN-FEB 2002	46	-	0.176	-	0.187	-	0.001	-	0.001	-	0.001	-	0.001
DTS	>200FM	MAR-APR 2002	59	-	0.964	-	1.036	-	0.002	-	0.002	-	0.002	-	0.002
DTS	>200FM	MAY-JUN 2002	37	-	0.020	-	0.951	-	0.000	-	0.002	-	0.000	-	0.002
DTS	>200FM	JUL-AUG 2002	156	-	0.013	-	0.069	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	0-100FM	SEP-OCT 2001	4	-	0.099	-	0.099	-	0.001	-	0.001	-	0.001	-	0.001
Shelf RKF	0-100FM	NOV-DEC 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	-	11.225	-	11.225	-	0.019	-	0.019	-	0.012	-	0.012
Shelf RKF	0-100FM	MAR-APR 2002	8	-	0.035	-	0.035	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	0-100FM	MAY-JUN 2002	6	-	30.433	-	30.433	-	0.019	-	0.019	-	0.017	-	0.017
Shelf RKF	100-200FM	SEP-OCT 2001	5	-	6.277	-	6.879	-	0.037	-	0.043	-	0.026	-	0.030
Shelf RKF	100-200FM	JAN-FEB 2002	5	-	7.202	-	7.426	-	0.016	-	0.017	-	0.013	-	0.014
Shelf RKF	100-200FM	MAR-APR 2002	2	-	6.163	-	7.811	-	0.042	-	0.057	-	0.034	-	0.047
Shelf RKF	100-200FM	MAY-JUN 2002	2	-	3.976	-	12.309	-	0.013	-	0.039	-	0.008	-	0.025
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	-	4.646	-	4.646	-	0.012	-	0.012	-	0.009	-	0.009
Slope RKF	100-200FM	JAN-FEB 2002	18	-	4.078	-	4.078	-	0.017	-	0.017	-	0.013	-	0.013
Slope RKF	100-200FM	MAR-APR 2002	11	-	74.042	-	74.042	-	0.067	-	0.067	-	0.067	-	0.067
Slope RKF	100-200FM	MAY-JUN 2002	8	-	67.306	-	67.306	-	0.047	-	0.047	-	0.044	-	0.044
Slope RKF	100-200FM	JUL-AUG 2002	3	-	5.537	-	5.537	-	0.004	-	0.004	-	0.004	-	0.004
Slope RKF	>200FM	MAY-JUN 2002	10	-	7.908	-	7.908	-	0.005	-	0.005	-	0.005	-	0.005
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	-	0.042	-	0.042	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	NOV-DEC 2001	35	-	0.071	-	0.071	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	0-100FM	JAN-FEB 2002	53	-	0.197	-	0.197	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	MAR-APR 2002	37	-	0.030	-	0.030	-	0.000	-	0.000	-	0.000	-	0.000
Flatfish	0-100FM	MAY-JUN 2002	7	-	0.100	-	0.100	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	100-200FM	SEP-OCT 2001	34	-	0.408	-	0.408	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	100-200FM	NOV-DEC 2001	6	-	2.424	-	19.349	-	0.008	-	0.073	-	0.007	-	0.060
Flatfish	100-200FM	JAN-FEB 2002	5	-	15.420	-	15.606	-	0.054	-	0.054	-	0.049	-	0.049

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded	Discarded	Bycatch	Bycatch	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	100-200FM	JUL-AUG 2002	3	-	0.168	-	0.168	-	0.001	-	0.001	-	0.001	-	0.001
Flatfish	>200FM	SEP-OCT 2001	4	-	8.011	-	0.879	-	0.105	-	0.012	-	0.071	-	0.008
Lingcod															
DTS	0-100FM	MAR-APR 2002	2	4.567	4.567	4.567	4.567	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
DTS	0-100FM	MAY-JUN 2002	3	4.519	1.135	6.815	2.625	0.012	0.005	0.017	0.009	0.008	0.003	0.011	0.005
DTS	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	100-200FM	MAR-APR 2002	4	4.057	4.057	4.057	4.057	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
DTS	100-200FM	MAY-JUN 2002	7	0.583	0.277	2.042	1.227	0.002	0.002	0.008	0.006	0.002	0.001	0.007	0.005
DTS	100-200FM	JUL-AUG 2002	8	6.305	6.305	6.305	6.305	0.017	0.017	0.017	0.017	0.014	0.014	0.014	0.014
DTS	>200FM	SEP-OCT 2001	4	-	55.538	-	55.538	-	0.052	-	0.052	-	0.050	-	0.050
DTS	>200FM	JAN-FEB 2002	46	-	0.176	-	0.187	-	0.001	-	0.001	-	0.001	-	0.001
DTS	>200FM	MAR-APR 2002	59	-	0.964	-	1.036	-	0.002	-	0.002	-	0.002	-	0.002
DTS	>200FM	MAY-JUN 2002	37	0.009	0.009	0.009	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DTS	>200FM	JUL-AUG 2002	156	-	0.013	-	0.069	-	0.000	-	0.000	-	0.000	-	0.000
Shelf RKF	0-100FM	SEP-OCT 2001	4	1.755	1.755	1.755	1.755	0.020	0.020	0.020	0.020	0.014	0.014	0.014	0.014
Shelf RKF	0-100FM	NOV-DEC 2001	1	10.347	---	10.347	---	0.021	---	0.021	---	0.012	---	0.012	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	29.893	20.686	29.893	20.686	0.050	0.035	0.050	0.035	0.031	0.022	0.031	0.022
Shelf RKF	0-100FM	MAR-APR 2002	8	34.449	26.851	34.449	26.851	0.085	0.068	0.085	0.068	0.064	0.051	0.064	0.051
Shelf RKF	0-100FM	MAY-JUN 2002	6	31.874	20.312	31.874	20.312	0.020	0.013	0.020	0.013	0.018	0.011	0.018	0.011
Shelf RKF	100-200FM	SEP-OCT 2001	5	5.850	2.091	5.850	2.091	0.035	0.021	0.035	0.021	0.025	0.013	0.025	0.013
Shelf RKF	100-200FM	JAN-FEB 2002	5	5.409	5.409	5.409	5.409	0.011	0.011	0.011	0.011	0.009	0.009	0.009	0.009
Shelf RKF	100-200FM	MAR-APR 2002	2	209.030	209.030	209.030	209.030	1.254	1.254	1.254	1.254	1.045	1.045	1.045	1.045
Shelf RKF	100-200FM	MAY-JUN 2002	2	-	3.976	-	12.309	-	0.013	-	0.039	-	0.008	-	0.025
Slope RKF	100-200FM	SEP-OCT 2001	1	53.127	---	53.127	---	0.221	---	0.221	---	0.143	---	0.143	---
Slope RKF	100-200FM	NOV-DEC 2001	5	298.736	91.652	298.736	91.652	0.773	0.248	0.773	0.248	0.600	0.185	0.600	0.185
Slope RKF	100-200FM	JAN-FEB 2002	18	8.202	1.967	8.202	1.967	0.026	0.010	0.026	0.010	0.022	0.007	0.022	0.007
Slope RKF	100-200FM	MAR-APR 2002	11	13.872	6.068	15.548	6.067	0.007	0.005	0.008	0.005	0.007	0.005	0.008	0.005
Slope RKF	100-200FM	MAY-JUN 2002	8	3.885	2.585	4.422	3.099	0.002	0.001	0.002	0.002	0.002	0.001	0.002	0.002
Slope RKF	100-200FM	JUL-AUG 2002	3	-	5.537	-	5.537	-	0.004	-	0.004	-	0.004	-	0.004
Slope RKF	>200FM	MAY-JUN 2002	10	0.206	0.206	0.206	0.206	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	5.354	2.288	7.152	2.400	0.034	0.015	0.046	0.016	0.032	0.014	0.042	0.015
Flatfish	0-100FM	NOV-DEC 2001	35	20.970	11.337	21.131	11.331	0.178	0.103	0.179	0.103	0.162	0.093	0.163	0.093
Flatfish	0-100FM	JAN-FEB 2002	53	3.181	2.271	4.545	2.556	0.007	0.005	0.010	0.006	0.007	0.005	0.010	0.006
Flatfish	0-100FM	MAR-APR 2002	37	2.772	1.066	6.012	2.342	0.009	0.004	0.020	0.009	0.009	0.004	0.019	0.009
Flatfish	0-100FM	MAY-JUN 2002	7	6.342	4.721	9.261	5.272	0.083	0.063	0.121	0.073	0.055	0.043	0.080	0.051
Flatfish	100-200FM	SEP-OCT 2001	34	3.393	0.900	7.870	1.104	0.010	0.003	0.024	0.004	0.010	0.003	0.023	0.004
Flatfish	100-200FM	NOV-DEC 2001	6	23.915	21.585	23.915	21.585	0.071	0.065	0.071	0.065	0.062	0.057	0.062	0.057
Flatfish	100-200FM	JAN-FEB 2002	5	4.195	2.190	6.957	3.476	0.014	0.008	0.023	0.013	0.013	0.007	0.021	0.012

Appendix Table IV.B. Continued. **NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS**

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded	Discarded	Bycatch	Bycatch	Discarded lbs per lb of Groundfish	s.e.	Bycatch	s.e.
					Discarded lbs per hr		Bycatch lbs per hr	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species	lbs per lb Target Species		lbs per lb of Groundfish	lbs per lb of Groundfish	
Flatfish	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	100-200FM	JUL-AUG 2002	3	-	4.193	-	4.193	-	0.035	-	0.035	-	0.031	-	0.031
Flatfish	>200FM	SEP-OCT 2001	4	-	0.313	-	0.313	-	0.004	-	0.004	-	0.003	-	0.003
Salmon															
DTS	0-100FM	MAR-APR 2002	2	-	4.567	-	4.567	-	0.010	-	0.010	-	0.009	-	0.009
DTS	0-100FM	MAY-JUN 2002	3	-	1.135	-	2.625	-	0.005	-	0.009	-	0.003	-	0.005
DTS	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	100-200FM	MAR-APR 2002	4	-	4.057	-	4.057	-	0.006	-	0.006	-	0.006	-	0.006
DTS	100-200FM	MAY-JUN 2002	7	-	0.277	-	1.227	-	0.002	-	0.006	-	0.001	-	0.005
DTS	100-200FM	JUL-AUG 2002	8	-	6.305	-	6.305	-	0.017	-	0.017	-	0.014	-	0.014
DTS	>200FM	SEP-OCT 2001	4	-	55.538	-	55.538	-	0.052	-	0.052	-	0.050	-	0.050
DTS	>200FM	JAN-FEB 2002	46	-	0.176	-	0.187	-	0.001	-	0.001	-	0.001	-	0.001
DTS	>200FM	MAR-APR 2002	59	-	0.964	-	1.036	-	0.002	-	0.002	-	0.002	-	0.002
DTS	>200FM	MAY-JUN 2002	37	-	0.009	-	0.009	-	0.000	-	0.000	-	0.000	-	0.000
DTS	>200FM	JUL-AUG 2002	156	0.007	0.007	0.007	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Shelf RKF	0-100FM	SEP-OCT 2001	4	-	1.755	-	1.755	-	0.020	-	0.020	-	0.014	-	0.014
Shelf RKF	0-100FM	NOV-DEC 2001	1	5.508	---	5.508	---	0.011	---	0.011	---	0.006	---	0.006	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	-	20.686	-	20.686	-	0.035	-	0.035	-	0.022	-	0.022
Shelf RKF	0-100FM	MAR-APR 2002	8	0.453	0.453	0.453	0.453	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Shelf RKF	0-100FM	MAY-JUN 2002	6	-	20.312	-	20.312	-	0.013	-	0.013	-	0.011	-	0.011
Shelf RKF	100-200FM	SEP-OCT 2001	5	-	2.091	-	2.091	-	0.021	-	0.021	-	0.013	-	0.013
Shelf RKF	100-200FM	JAN-FEB 2002	5	1.315	0.856	1.315	0.856	0.003	0.002	0.003	0.002	0.002	0.001	0.002	0.001
Shelf RKF	100-200FM	MAR-APR 2002	2	-	209.030	-	209.030	-	1.254	-	1.254	-	1.045	-	1.045
Shelf RKF	100-200FM	MAY-JUN 2002	2	-	3.976	-	12.309	-	0.013	-	0.039	-	0.008	-	0.025
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
Slope RKF	100-200FM	NOV-DEC 2001	5	-	91.652	-	91.652	-	0.248	-	0.248	-	0.185	-	0.185
Slope RKF	100-200FM	JAN-FEB 2002	18	0.143	0.143	0.143	0.143	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	100-200FM	MAR-APR 2002	11	0.164	0.164	0.164	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Slope RKF	100-200FM	MAY-JUN 2002	8	-	2.585	-	3.099	-	0.001	-	0.002	-	0.001	-	0.002
Slope RKF	100-200FM	JUL-AUG 2002	3	-	5.537	-	5.537	-	0.004	-	0.004	-	0.004	-	0.004
Slope RKF	>200FM	MAY-JUN 2002	10	-	0.206	-	0.206	-	0.000	-	0.000	-	0.000	-	0.000
Slope RKF	>200FM	JUL-AUG 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	0-100FM	SEP-OCT 2001	127	0.141	0.051	0.141	0.051	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
Flatfish	0-100FM	NOV-DEC 2001	35	0.087	0.078	0.087	0.078	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Flatfish	0-100FM	JAN-FEB 2002	53	0.168	0.113	0.321	0.125	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.000
Flatfish	0-100FM	MAR-APR 2002	37	0.130	0.130	0.130	0.130	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Flatfish	0-100FM	MAY-JUN 2002	7	0.304	0.221	0.304	0.221	0.004	0.003	0.004	0.003	0.003	0.002	0.003	0.002
Flatfish	100-200FM	SEP-OCT 2001	34	-	0.900	-	1.104	-	0.003	-	0.004	-	0.003	-	0.004
Flatfish	100-200FM	NOV-DEC 2001	6	0.535	0.535	0.535	0.535	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001
Flatfish	100-200FM	JAN-FEB 2002	5	2.040	2.040	2.040	2.040	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006

Appendix Table IV.B. Continued. NOTE: BE ESPECIALLY CAUTIOUS WHEN INTERPRETING THE ESTIMATES THAT ARE CALCULATED WITH LESS THAN 10 TOWS

Strategy	Depth Range	Period	Number of Tows	Discarded lbs per hr	s.e.	Bycatch lbs per hr	s.e.	Discarded lbs per lb Target Species	s.e.	Bycatch lbs per lb Target Species	s.e.	Discarded lbs per lb of Groundfish	s.e.	Bycatch lbs per lb of Groundfish	s.e.
					Discarded lbs per hr		Bycatch lbs per hr		Discarded lbs per lb Target Species		Bycatch lbs per lb Target Species		Discarded lbs per lb of Groundfish		Bycatch lbs per lb of Groundfish
Flatfish	100-200FM	MAR-APR 2002	1	-	---	-	---	-	---	-	---	-	---	-	---
Flatfish	100-200FM	JUL-AUG 2002	3	2.580	1.284	2.580	1.284	0.018	0.010	0.018	0.010	0.016	0.009	0.016	0.009
Flatfish	>200FM	SEP-OCT 2001	4	-	0.313	-	0.313	-	0.004	-	0.004	-	0.003	-	0.003
Shark, Skate															
DTS	0-100FM	MAR-APR 2002	2	115.229	57.177	152.438	54.349	0.249	0.239	0.330	0.315	0.227	0.206	0.301	0.268
DTS	0-100FM	MAY-JUN 2002	3	24.696	11.575	26.992	10.084	0.063	0.036	0.069	0.035	0.041	0.021	0.045	0.020
DTS	100-200FM	SEP-OCT 2001	1	-	---	-	---	-	---	-	---	-	---	-	---
DTS	100-200FM	MAR-APR 2002	4	132.626	118.137	198.861	180.711	0.209	0.193	0.314	0.293	0.195	0.180	0.292	0.273
DTS	100-200FM	MAY-JUN 2002	7	73.257	10.937	73.257	10.937	0.281	0.189	0.281	0.189	0.236	0.135	0.236	0.135
DTS	100-200FM	JUL-AUG 2002	8	26.447	8.433	26.447	8.433	0.071	0.025	0.071	0.025	0.059	0.020	0.059	0.020
DTS	>200FM	SEP-OCT 2001	4	102.648	57.998	102.648	57.998	0.094	0.055	0.094	0.055	0.090	0.053	0.090	0.053
DTS	>200FM	JAN-FEB 2002	46	31.546	6.183	31.763	6.194	0.108	0.025	0.108	0.025	0.106	0.024	0.107	0.024
DTS	>200FM	MAR-APR 2002	59	30.821	5.768	37.767	6.169	0.070	0.016	0.086	0.017	0.064	0.014	0.078	0.016
DTS	>200FM	MAY-JUN 2002	37	21.731	4.499	22.840	4.625	0.049	0.013	0.052	0.013	0.049	0.012	0.051	0.013
DTS	>200FM	JUL-AUG 2002	156	15.865	2.509	15.865	2.509	0.046	0.008	0.046	0.008	0.045	0.008	0.045	0.008
Shelf RKF	0-100FM	SEP-OCT 2001	4	15.884	8.299	15.884	8.299	0.183	0.106	0.183	0.106	0.123	0.073	0.123	0.073
Shelf RKF	0-100FM	NOV-DEC 2001	1	39.908	---	39.908	---	0.080	---	0.080	---	0.045	---	0.045	---
Shelf RKF	0-100FM	JAN-FEB 2002	3	372.711	253.539	389.708	250.069	0.618	0.428	0.646	0.424	0.392	0.272	0.410	0.269
Shelf RKF	0-100FM	MAR-APR 2002	8	83.984	18.620	96.246	21.025	0.207	0.071	0.237	0.081	0.156	0.050	0.178	0.057
Shelf RKF	0-100FM	MAY-JUN 2002	6	1,170.533	437.118	1,221.676	439.625	0.746	0.316	0.778	0.321	0.645	0.250	0.673	0.252
Shelf RKF	100-200FM	SEP-OCT 2001	5	330.805	317.946	464.094	441.824	1.966	1.910	2.758	2.661	1.386	1.343	1.945	1.870
Shelf RKF	100-200FM	JAN-FEB 2002	5	46.508	16.131	46.508	16.131	0.099	0.038	0.099	0.038	0.079	0.031	0.079	0.031
Shelf RKF	100-200FM	MAR-APR 2002	2	58.140	57.703	58.140	57.703	0.349	0.347	0.349	0.347	0.291	0.289	0.291	0.289
Shelf RKF	100-200FM	MAY-JUN 2002	2	231.226	219.640	236.226	217.319	0.732	0.683	0.748	0.667	0.473	0.441	0.483	0.431
Slope RKF	100-200FM	SEP-OCT 2001	1	-	---	272.727	---	-	---	1.136	---	-	---	0.734	---
Slope RKF	100-200FM	NOV-DEC 2001	5	157.213	76.971	157.213	76.971	0.407	0.202	0.407	0.202	0.316	0.155	0.316	0.155
Slope RKF	100-200FM	JAN-FEB 2002	18	76.044	21.148	76.044	21.148	0.245	0.096	0.245	0.096	0.206	0.074	0.206	0.074
Slope RKF	100-200FM	MAR-APR 2002	11	15.201	6.311	15.201	6.311	0.008	0.005	0.008	0.005	0.008	0.005	0.008	0.005
Slope RKF	100-200FM	MAY-JUN 2002	8	73.363	24.507	73.363	24.507	0.033	0.021	0.033	0.021	0.032	0.020	0.032	0.020
Slope RKF	100-200FM	JUL-AUG 2002	3	33.718	20.063	33.718	20.063	0.017	0.015	0.017	0.015	0.016	0.014	0.016	0.014
Slope RKF	>200FM	MAY-JUN 2002	10	32.194	13.533	32.194	13.533	0.017	0.010	0.017	0.010	0.017	0.010	0.017	0.010
Slope RKF	>200FM	JUL-AUG 2002	1	401.846	---	401.846	---	2.715	---	2.715	---	2.512	---	2.512	---
Flatfish	0-100FM	SEP-OCT 2001	127	102.420	9.698	105.293	9.792	0.656	0.094	0.674	0.096	0.606	0.085	0.624	0.087
Flatfish	0-100FM	NOV-DEC 2001	35	99.541	15.749	100.939	16.127	0.843	0.247	0.855	0.252	0.770	0.214	0.781	0.218
Flatfish	0-100FM	JAN-FEB 2002	53	72.535	13.629	87.243	15.280	0.155	0.044	0.186	0.051	0.153	0.043	0.184	0.050
Flatfish	0-100FM	MAR-APR 2002	37	52.218	10.905	61.571	11.831	0.172	0.057	0.203	0.065	0.169	0.056	0.199	0.064
Flatfish	0-100FM	MAY-JUN 2002	7	145.428	50.490	151.943	55.396	1.895	0.792	1.980	0.854	1.256	0.589	1.312	0.631
Flatfish	100-200FM	SEP-OCT 2001	34	86.203	27.334	149.828	25.813	0.262	0.086	0.455	0.088	0.251	0.082	0.437	0.083
Flatfish	100-200FM	NOV-DEC 2001	6	177.501	68.148	177.501	68.148	0.524	0.277	0.524	0.277	0.463	0.224	0.463	0.224
Flatfish	100-200FM	JAN-FEB 2002	5	165.233	72.662	165.233	72.662	0.545	0.285	0.545	0.285	0.495	0.254	0.495	0.254
Flatfish	100-200FM	MAR-APR 2002	1	51.757	---	51.757	---	0.137	---	0.137	---	0.127	---	0.127	---
Flatfish	100-200FM	JUL-AUG 2002	3	104.736	33.965	104.736	33.965	0.727	0.302	0.727	0.302	0.668	0.273	0.668	0.273
Flatfish	>200FM	SEP-OCT 2001	4	43.148	30.324	99.947	19.097	0.563	0.396	1.305	0.253	0.381	0.269	0.883	0.181