

SUPPLEMENTAL ANALYSIS AND ERRATA

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Other Errata: In D.7.b, Attachment 1 Table 17, the row labeled "Pacific Whiting – coastwide" should not contain any data (i.e., row should be blank).

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Sector to Which Tables	Apply	Allocation Issue	Tables	Errata and Notes
<u>Appendix 1</u>				
Shoreside Processors (Buyers)				
Whiting	Recent Participation Analysis and Co-op Eligible Processor Analysis	1-1 thru 1-8	<p>Errata: All tables should indicate that they apply to shoreside buyers of whiting targeted trips.</p> <p>Table 1-3. Percent of 1994-2003 should read percent of 1994-2004.</p> <p>Table 1-5 should indicate that it includes only those permits with activity from 2004-2006.</p> <p>Note: Tables 1-4 and 1-5 contain information similar to Tables 1-1 thru 1-3, except that Tables 1-4 and 1-5 include only those buyers with some activity from 2004-2006.</p>	
		1-17 thru 1-20	<p>Errata: Table 1-17 should be titled: "Number of shoreside <u>whiting</u> companies that received whiting during 1994-2006"?</p> <p>Note: Tables 1-17 provides some geographic distribution information for the population of <u>whiting</u> buyers. Tables 1-18 thru 1-20 provides additional information specific to the TIQC recommended requirements for recent participation.</p>	
NonWhiting	Recent Participation Analysis	1-9 thru 1-16	<p>Errata: All tables should indicate that they apply to buyers of trips targeted on non-whiting species.</p> <p>Table 1-13 should indicate that it includes only those permits with activity from 2004-2006.</p> <p>Note: Tables 1-12 and 1-13 contain information similar to Tables 1-10 thru 1-11, except that Tables 1-12 and 1-13 include only those buyers with some activity from 2004-2006.</p>	

Organization of D.7.b, Attachment 1, Appendix Tables (page 2 of 3)

Sector to Which Tables			
Apply	Allocation Issue	Tables	Errata and Notes
		1-21 thru 1-24	Note: Tables 1-21 provides some geographic distribution information for the population of <u>non-whiting</u> buyers. Tables 1-22 thru 1-24 provides additional information specific to the TIQC recommended requirements for recent participation plus a 1 mt per year option.
		1-25 thru 1-28	Note: Tables 1-25 thru 1-27 show the species composition by state of the companies that would be eliminated by the indicated screen. Table 1-28 combines entities for all states that would be eliminated by a 1 mt screen. Totals at the bottom include only companies with some trawl groundfish landings. Errata: In Table 1-28 "RWT" under the Washington RWT column shows the "Combined" RWT values. However the "RPC" and "# of Co." columns do show the Washington totals.
Mothership			
Company	Recent Participation Analysis (IFQ Alt)	1-29 thru 1-32	Note: Similar to shoreside processor tables, data aggregated at the company level for consideration of recent participation requirement for the IFQ alternative.
Vessel	Mothership Processing Permits (Co-op Alt)	1-33 thru 1-38	Note: Similar to shoreside processor tables, data aggregated at the mothership vessel level for consideration of qualification requirement for a mothership processing permit.
Catcher Processor			
	Catcher-Processor Endorsements (Co-op Alt)	1-39 thru 1-43	Errata: Title should indicate the catcher-processor endorsements instead of IFQ recent participation. Note: Similar to shoreside processor tables, data aggregated at the catcher-processor vessel level for consideration of qualification requirement for a catcher-processor endorsement.

Organization of D.7.b, Attachment 1, Appendix Tables (page 3 of 3)

Sector to Which Tables Apply	Allocation Issue	Tables	Errata and Notes
Catcher Vessels			
Shoreside Whiting	Recent Participation	1-44 thru	Note: Similar to shoreside processor tables, data aggregated at the catcher vessel level for consideration of qualification requirement for shoreside sector catcher vessel endorsements.
	(Whtg Endorsement, Co-op Alt)	1-49	
At-Sea Mothership	Recent Participation	1-50 thru	Note: Similar to shoreside processor tables, data aggregated at the catcher vessel level for consideration of qualification requirement for mothership sector catcher vessel endorsements.
	(Whtg Endorsement, Co-op Alt)	1-55	

Appendix 2

Harvesters (Individual Permits)	Vessel Accumulation Limits	2-1a thru 2-2d	Note: Maximum amounts allocated to permits compared with vessel limit options, and number of permits that would receive QS in excess of vessel limit options. Some also include geographic information.
Harvesters (Multiple Permits Under a Single Owner Are Aggregated)	Control Accumulation Limits (i.e. evaluates ownership of more than 1 permit)	2-3a thru 2-8b	Note: Maximum amounts allocated to an entity that owns permits compared with control limit options, and number of permit owners that would receive QS in excess of control limits. Some tables exclude permits owned by buyers.
Buyers (Excludes Permit History)	Control Accumulation Limits (Control) (QS Associated W/Buying)	2-9a thru 2-9b	Note: Maximum amounts to buyers compared with control limit options.
Harvesters and Buyers (Combined)	Control Accumulation Limits (Control)	2-10 thru 2-11	Note: Maximum amounts for buyers and harvesters combined compared with control limit options.

Table 1-21. Number of companies that received non-whiting sector deliveries during 1994-2006, by State(s):

California (Only)	136		
Oregon (Only)	36	Total Operating in California	144
Washington (Only)	26		
California AND Oregon	6	Total Operating in Oregon:	45
California AND Washington	1		
Oregon AND Washington	2	Total Operating in Washington:	30
California AND Oregon AND Washington	1		
TOTAL	208		

Table 1-22. Active companies receiving nonwhiting sector deliveries (those with 2004-1006 participation) and inactive companies, number of years above the indicated threshold and percent of total history.

Companies That Received Groundfish (>0 MT) from Non-Whiting Targeted Trips, With and Without Recent Participation (1998-2003)

	Within Allocation Period (1998-2003)					
	Number	Percent	Active 1 Year	Active 2 Years	Active 3+ Years	% of 1994- 2003
Currently Active, with Recent Participation	44	90.0%	4	5	35	79.1%
Not Active, with Recent Participation	80	10.0%	37	26	17	17.2%
Currently Active, No Recent Participation	19	--	--	--	--	0.9%
Not Active, No Recent Participation	65	--	--	--	--	2.8%
TOTALS	208	100.0%				100.0%

Companies That Received Groundfish (at Least 1 MT in a Year) from Non-Whiting Targeted Trips, With and Without Recent Participation (1998-2003)

	Within Allocation Period (1998-2003)					
	Number	Percent	Active 1 Year	Active 2 Years	Active 3+ Years	% of 1993- 2004
Currently Active, with Recent Participation	34	89.8%	5	1	28	79.0%
Not Active, with Recent Participation	50	10.2%	21	15	14	17.3%
Currently Active, No Recent Participation	7	--	--	--	--	0.9%
Not Active, No Recent Participation	117	--	--	--	--	2.8%
TOTALS	208	100.0%				100.0%

Companies That Received Groundfish (at Least 6 MT in a Year) from Non-Whiting Targeted Trips, With and Without Recent Participation (1998-2003)

	Within Allocation Period (1998-2003)					
	Number	Percent	Active 1 Year	Active 2 Years	Active 3+ Years	% of 1993- 2004
Currently Active, with Recent Participation	28	89.4%	5	2	21	78.3%
Not Active, with Recent Participation	41	10.6%	20	10	11	17.7%
Currently Active, No Recent Participation	3	--	--	--	--	0.0%
Not Active, No Recent Participation	136	--	--	--	--	4.0%
TOTALS	208	100.0%				100.0%

Note: An "active" company received whiting during the period January 1, 2004 to December 31, 2006.

Table 2-1b. Evaluation of Vessel Limit Options Compared with Maximum QS Allocations to Permits

Whiting Sectors	Vessel Limits			Maximum QS Allocated to a Permit by Allocation Formula				Max QS Exceeds Option 1 Limit By Indicated Percent				Max QS Exceeds Option 2 Limit By Indicated Percent				Max QS Exceeds Option 3 Limit By Indicated Percent			
				100% to Harvesters		50% to Harvesters		100% to Harvesters		50% to Harvesters		100% to Harvesters		50% to Harvesters		100% to Harvesters		50% to Harvesters	
	Option 1	Option 2	Option 3	History + =	100% History	History + =	100% History	History + =	100% History	History + =	100% History	History + =	100% History	History + =	100% History	History + =	100% History		
Pacific Whiting																			
Shoreside non-whiting Sector																			
Shoreside Whiting Sector	7.5%	11.3%	12.0%	4.7%	5.0%	2.3%	2.5%	-	-	-	-	-	-	-	-	-	-	-	-
Mothership Sector	25.0%	37.5%	50.0%	9.6%	10.2%	4.8%	5.1%	-	-	-	-	-	-	-	-	-	-	-	-
Catcher Processors	65.0%	97.5%	75.0%	-	23.6%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All Whiting Sectors Combined	25.0%	37.5%	50.0%	18.2%	18.2%	9.1%	9.1%	-	-	-	-	-	-	-	-	-	-	-	-

Table 2-3b. Evaluation of Control Limit Options Compared with Maximum Harvester QS Allocations (Including Permits owned by Buyers)

Whiting Sectors	Control Limits			Maximum QS Allocated to an Entity by QS				Max QS Exceeds Option 1 Limit				Max QS Exceeds Option 2 Limit				Max QS Exceeds Option 3 Limit			
				Allocation Formulas				By Indicated Percent				By Indicated Percent				By Indicated Percent			
	Option 1	Option 2	Option 3	100% to Harvesters		50% to Harvesters		100% to Harvesters		50% to Harvesters		100% to Harvesters		75% to Harvesters		100% to Harvesters		75% to Harvesters	
				History +	100%	History +	100%	History +	100%	History +	100%	History +	100%	History +	100%	History +	100%	History +	100%
			=	History	=	History	=	History	=	History	=	History	=	History	=	History	=	History	
Pacific Whiting																			
Shoreside non-whiting Sector																			
Shoreside Whiting Sector	10.0%	15.0%	25.0%	10.7%	11.5%	5.4%	5.7%	0.7%	1.5%	-	-	-	-	-	-	-	-	-	-
Mothership Sector	10.0%	15.0%	25.0%	9.6%	10.2%	4.8%	5.1%	-	0.2%	-	-	-	-	-	-	-	-	-	-
Catcher Processors	50.0%	75.0%	60.0%	-	53.5%	-	-	-	3.5%	-	-	-	-	-	-	-	-	-	-
All Whiting Sectors Combined	15.0%	22.5%	40.0%	18.2%	18.2%	9.1%	9.1%	3.2%	3.2%	-	-	-	-	-	-	-	-	-	-

Table 2-4b. Evaluation of Control Limit Options Compared with Maximum Harvester QS Allocations (Excluding Permits owned by Buyers)

Whiting Sectors	Control Limits			Maximum QS Allocated to an Entity by				Max QS Exceeds Option 1 Limit				Max QS Exceeds Option 2 Limit				Max QS Exceeds Option 3 Limit			
				Allocation Formulas				By Indicated Percent				By Indicated Percent				By Indicated Percent			
	Option 1	Option 2	Option 3	100% to Harvesters		50% to Harvesters		100% to Harvesters		50% to Harvesters		100% to Harvesters		75% to Harvesters		100% to Harvesters		75% to Harvesters	
Species				History +	100%	History +	100%	History +	100%	History +	100%	History +	100%	History +	100%	History +	100%	History +	100%
				=	History	=	History	=	History	=	History	=	History	=	History	=	History	=	History
Pacific Whiting																			
Shoreside non-whiting Sector																			
Shoreside Whiting Sector	10.0%	15.0%	25.0%	10.7%	11.5%	5.4%	5.7%	0.7%	1.5%	-	-	-	-	-	-	-	-	-	-
Mothership Sector	10.0%	15.0%	25.0%	9.6%	10.2%	4.8%	5.1%	-	0.2%	-	-	-	-	-	-	-	-	-	-
Catcher Processors	50.0%	75.0%	60.0%	-	53.5%	-	-	-	3.5%	-	-	-	-	-	-	-	-	-	-
All Whiting Sectors Combined	15.0%	22.5%	40.0%	18.2%	18.2%	9.1%	9.1%	3.2%	3.2%	-	-	-	-	-	-	-	-	-	-

Table 2-5b. Evaluation of Control Limit Option 1 Compared with Harvesting Entity Quota Shares (Including Permits owned by Buyers)

Whiting Sectors			Number of Harvesting Entities Over the Limit				Total QS Allocated to Entities Over the Limit			
			100% to Harvesters		50% to Harvesters		100% to Harvesters		50% to Harvesters	
Species	Option 1 Control Limits	Number of Entities	History + =	100% History	History + =	100% History	History + =	100% History	History + =	100% History
<i>Total Entities Receiving Initial Allocation</i>		121								
Pacific Whiting										
Shoreside non-whiting Sector	10.0%									
Shoreside Whiting Sector	10.0%	121	1	1	0	0	10.7%	11.5%	0.0%	0.0%
Mothership Sector	10.0%	121	0	1	0	0	0.0%	10.2%	0.0%	0.0%
Catcher Processors	50.0%	4		1				53.5%		
All Whiting Sectors Combined	15.0%	125	1	1	0	0	18.2%	18.2%	0.0%	0.0%

Table 2-6b. Evaluation of Control Limit Option 1 Compared with Harvesting Entity Quota Shares (Excluding Permits owned by Buyers)

Whiting Sectors			Number of Harvesting Entities Over the Limit				Total QS Allocated to Entities Over the Limit			
			100% to Harvesters		50% to Harvesters		100% to Harvesters		50% to Harvesters	
Species	Option 1 Control Limits	Number of Entities	History + =	100% History	History + =	100% History	History + =	100% History	History + =	100% History
<i>Total Entities Receiving Initial Allocation</i>		112								
Pacific Whiting										
Shoreside non-whiting Sector	10.0%									
Shoreside Whiting Sector	10.0%	112	1	1	0	0	10.7%	11.5%	0.0%	0.0%
Mothership Sector	10.0%	119	0	1	0	0	0.0%	10.2%	0.0%	0.0%
Catcher Processors	50.0%	3		1				53.5%		
All Whiting Sectors Combined	15.0%	124	1	1	0	0	18.2%	18.2%	0.0%	0.0%

Table 2-7b. Evaluation of Control Limit Option 2 Compared with Harvesting Entity Quota Shares (Including Permits owned by Buyers)

Whiting Sectors			Number of Harvesting Entities Over the Limit				Total QS Allocated to Entities Over the Limit			
			100% to Harvesters		50% to Harvesters		100% to Harvesters		50% to Harvesters	
Species	Option 2 Control Limits	Number of Entities	History + =	100% History	History + =	100% History	History + =	100% History	History + =	100% History
<i>Total Entities Receiving Initial Allocation</i>		121								
Pacific Whiting										
Shoreside non-whiting Sector	15.0%									
Shoreside Whiting Sector	15.0%	121	0	0	0	0	0.0%	0.0%	0.0%	0.0%
Mothership Sector	15.0%	121	0	0	0	0	0.0%	0.0%	0.0%	0.0%
Catcher Processors	75.0%	4		0			0.0%			
All Whiting Sectors Combined	22.5%	125	0	0	0	0	0.0%	0.0%	0.0%	0.0%

Table 2-8b. Evaluation of Control Limit Option 2 Compared with Harvesting Entity Quota Shares (Excluding Permits owned by Buyers)

Whiting Sectors			Number of Harvesting Entities Over the Limit				Total QS Allocated to Entities Over the Limit			
			100% to Harvesters		50% to Harvesters		100% to Harvesters		50% to Harvesters	
Species	Option 2 Control Limits	Number of Entities	History + =	100% History	History + =	100% History	History + =	100% History	History + =	100% History
<i>Total Entities Receiving Initial Allocation</i>		112								
Pacific Whiting										
Shoreside non-whiting Sector	15.0%									
Shoreside Whiting Sector	15.0%	112	0	0	0	0	0.0%	0.0%	0.0%	0.0%
Mothership Sector	15.0%	119	0	0	0	0	0.0%	0.0%	0.0%	0.0%
Catcher Processors	75.0%	3		0			0.0%			
All Whiting Sectors Combined	22.5%	124	0	0	0	0	0.0%	0.0%	0.0%	0.0%

Table 2-9b. Evaluation of Control Limit Options Compared with Maximum QS Allocations to Buyers Based on Buying History Only (Assuming 50% of Allocation to Buyers)

Whiting Sectors	Control Limits			Maximum QS Allocated Based on Buying History Allocation Formulas (50%)	Max QS Exceeds Option 1 Limit by Indicated Percent	Max QS Exceeds Option 2 Limit by Indicated Percent	Max QS Exceeds Option 3 Limit by Indicated Percent
	Option 1	Option 2	Option 3				
Species Group							
Pacific Whiting							
Shoreside non-whiting Sector							
Shoreside Whiting Sector	10.0%	15.0%	25.0%	15.7%	5.7%	0.7%	-
Mothership Sector	10.0%	15.0%	25.0%	15.02%	5.02%	0.02%	-
Catcher Processors	50.0%	75.0%	60.0%	26.8%	-	-	-
All Whiting Sectors Combined	15.0%	22.5%	40.0%	11.4%	-	-	-

Table 2-10. Evaluation of Control Limit Option 1 Compared with Combined Harvesting and Buying Entity Quota Shares

Species	Option 1 Control Limits	Number of Harvesting Entities Over the Limit								Total QS Allocated to Entities Over the Limit							
		100% to Harvesters				75% to Harvesters (50% for whiting sectors)				100% to Harvesters				75% to Harvesters (50% for whiting sectors)			
		Equal Sharing		Proportional		Equal Sharing		Proportional		Equal Sharing		Proportional		Equal Sharing		Proportional	
		Total Number of Entities	Number over the Limit	Total Number of Entities	Number over the Limit	Total Number of Entities	Number over the Limit	Total Number of Entities	Number over the Limit	MAX QS	QS Over the Limit	MAX QS	QS Over the Limit	MAX QS	QS Over the Limit	MAX QS	QS Over the Limit
All nonwhiting groundfish (in aggregate)	1.5%	121	14	116	20	302	9	297	14	4.9%	31.7%	5.1%	47.5%	13.9%	32.0%	14.0%	42.6%
Lingcod - coastwide	5.0%	121	1	112	1	244	1	235	1	5.3%	5.3%	5.8%	5.8%	14.2%	14.2%	14.5%	14.5%
N. of 42° (OR & WA)	5.0%	121	-	85	-	168	1	134	1	4.7%	-	4.7%	-	14.1%	14.1%	14.0%	14.0%
S. of 42° (CA)	5.0%	121	2	68	8	200	1	147	2	6.8%	12.0%	8.3%	49.8%	14.4%	14.4%	15.4%	20.6%
Pacific Cod	5.0%	121	3	87	6	164	2	131	6	11.4%	27.2%	20.4%	72.6%	14.4%	21.9%	19.9%	60.3%
Pacific Whiting																	
Shoreside non-whiting Sector	10.0%	121	-	59	2	145	1	85	2	8.7%	-	14.7%	26.5%	10.4%	10.4%	12.3%	23.4%
Shoreside Whiting Sector	10.0%	121	1	47	1	139	2	67	2	10.7%	10.7%	11.5%	11.5%	15.8%	28.0%	15.7%	27.8%
Mothership Sector	10.0%	121	-	28	1	124	3	31	3	9.6%	-	10.2%	10.2%	18.4%	43.0%	18.5%	43.3%
Catcher Processors	50.0%	4	1	4	1	4	1	4	1	53.5%	53.5%	53.5%	53.5%	53.5%	53.5%	53.5%	53.5%
All Whiting Sectors Combined	15.0%	125	1	55	1	144	1	76	1	18.2%	18.2%	18.2%	18.2%	20.5%	20.5%	20.5%	20.5%
Sablefish (Coastwide)	1.9%	121	6	112	13	233	6	224	6	4.7%	18.1%	4.7%	35.1%	15.6%	28.3%	15.6%	30.1%
N. of 36° (Monterey north)	2.0%	121	6	112	10	226	5	217	5	4.8%	17.4%	4.8%	28.8%	16.1%	26.5%	16.2%	28.6%
S. of 36° (Conception area)	5.0%	121	3	24	3	148	5	51	5	32.1%	54.0%	48.8%	82.7%	24.1%	59.5%	36.6%	80.8%
PACIFIC OCEAN PERCH	5.0%	121	1	96	3	180	2	156	2	5.8%	5.8%	6.8%	17.3%	16.1%	22.5%	16.8%	23.0%
Shortbelly Rockfish	5.0%	121	2	92	3	162	3	133	4	20.6%	27.4%	36.5%	55.4%	15.4%	34.4%	27.4%	54.5%
WIDOW ROCKFISH	3.4%	121	3	115	4	217	4	211	4	5.4%	14.0%	8.1%	23.4%	13.8%	25.3%	13.4%	28.7%
CANARY ROCKFISH	5.0%	121	-	113	1	226	1	218	1	4.6%	-	6.1%	6.1%	13.5%	13.5%	13.5%	13.5%
Chilipepper Rockfish	5.0%	121	7	63	8	193	6	135	6	9.7%	54.5%	11.8%	70.6%	10.0%	42.8%	11.7%	49.6%
BOCACCIO	5.0%	121	5	54	6	185	4	118	5	14.8%	43.9%	17.8%	56.6%	11.1%	32.2%	13.3%	42.0%
Splitnose Rockfish	5.0%	121	5	57	6	191	6	127	5	10.4%	44.1%	13.3%	61.5%	11.5%	44.2%	13.1%	48.2%
Yellowtail Rockfish	5.0%	121	1	99	2	180	2	159	1	6.9%	6.9%	8.6%	14.9%	16.0%	21.2%	17.3%	17.3%
Shortspine Thornyhead - coastwide	3.1%	121	2	110	4	218	3	207	4	5.5%	10.0%	7.2%	19.1%	14.4%	21.8%	14.2%	26.5%
N. of 34°27'	4.8%	121	-	97	1	173	1	150	1	4.5%	-	5.6%	5.6%	17.7%	17.7%	17.5%	17.5%
S. of 34°27'	4.7%	121	3	73	4	178	4	131	5	14.3%	27.6%	19.8%	43.0%	10.7%	33.2%	14.9%	46.3%
Longspine Thornyhead - coastwide	2.0%	121	9	109	13	202	7	190	10	4.6%	26.9%	5.6%	42.7%	15.6%	32.4%	15.5%	42.7%
N. of 34°27'	2.0%	121	9	109	13	201	7	189	10	4.6%	26.9%	5.6%	42.7%	15.6%	32.4%	15.5%	42.7%
S. of 34°27'	5.0%	121	1	1	1	122	2	2	2	64.6%	64.6%	100.0%	100.0%	48.4%	73.4%	75.0%	100.0%
COWCOD	5.0%	121	1	1	1	123	3	3	3	44.8%	44.8%	100.0%	100.0%	33.6%	58.6%	75.0%	100.0%
DARKBLOTCHED	5.0%	121	2	112	3	233	1	224	3	5.6%	11.0%	9.2%	23.3%	15.6%	15.6%	15.4%	29.0%
YELLOWEYE	5.0%	121	1	108	5	199	1	186	2	6.0%	6.0%	8.9%	32.3%	11.8%	11.8%	11.1%	17.7%
Black Rockfish - coastwide	5.0%	121	4	69	5	153	3	101	5	11.7%	32.1%	15.1%	46.0%	18.0%	33.4%	18.7%	49.0%
Black Rockfish (WA)	5.0%	121	2	17	4	129	4	26	6	13.5%	26.2%	40.3%	96.9%	12.5%	42.6%	30.2%	93.3%
Black Rockfish (OR-CA)	5.0%	121	5	61	5	146	3	86	5	13.9%	41.5%	16.7%	48.7%	19.7%	37.2%	20.3%	51.9%

Table 2-11. Evaluation of Control Limit Option 2 Compared with Combined Harvesting and Buying Entity Quota Shares

Species	Option 2 Control Limits	Number of Entities Over the Limit								Total QS Allocated to Entities Over the Limit							
		100% to Harvesters				75% to Harvesters (50% for whiting sectors)				100% to Harvesters				75% to Harvesters (50% for whiting sectors)			
		Equal Sharing		Proportional		Equal Sharing		Proportional		Equal Sharing		Proportional		Equal Sharing		Proportional	
		Total Number of Entities	Number over the Limit	Total Number of Entities	Number over the Limit	Total Number of Entities	Number over the Limit	Total Number of Entities	Number over the Limit	MAX QS	QS Over the Limit	MAX QS	QS Over the Limit	MAX QS	QS Over the Limit	MAX QS	QS Over the Limit
All nonwhiting groundfish (in aggregate)	4.4%	121	4	116	7	302	4	297	7	4.9%	13.9%	5.1%	22.9%	13.9%	22.9%	14.0%	30.9%
Lingcod - coastwide	15.0%	121	-	112	-	244	1	235	1	5.3%	-	5.8%	-	14.2%	14.2%	14.5%	14.5%
N. of 42° (OR & WA)	15.0%	121	-	85	-	168	1	134	1	4.7%	-	4.7%	-	14.1%	14.1%	14.0%	14.0%
S. of 42° (CA)	15.0%	121	-	68	1	200	1	147	1	6.8%	-	8.3%	8.3%	14.4%	14.4%	15.4%	15.4%
Pacific Cod	15.0%	121	2	87	4	164	2	131	3	11.4%	21.4%	20.4%	59.0%	14.4%	21.9%	19.9%	43.4%
Pacific Whiting																	
Shoreside non-whiting Sector	11.3%	121	-	59	-	145	-	85	-	8.7%	-	14.7%	-	10.4%	-	12.3%	-
Shoreside Whiting Sector	11.3%	121	-	47	-	139	1	67	1	10.7%	-	11.5%	-	15.8%	15.8%	15.7%	15.7%
Mothership Sector	37.5%	121	-	28	-	124	1	31	1	9.6%	-	10.2%	-	18.4%	18.4%	18.5%	18.5%
Catcher Processors	97.5%	4	-	4	-	4	-	4	-	53.5%	-	53.5%	-	53.5%	-	53.5%	-
All Whiting Sectors Combined	22.5%	125	-	55	-	144	-	76	-	18.2%	-	18.2%	-	20.5%	-	20.5%	-
Sablefish (Coastwide)	5.7%	121	3	112	4	233	2	224	3	4.7%	11.1%	4.7%	15.9%	15.6%	19.0%	15.6%	22.2%
N. of 36° (Monterey north)	9.3%	121	2	112	3	226	2	217	3	4.8%	7.8%	4.8%	12.9%	16.1%	19.6%	16.2%	23.0%
S. of 36° (Conception area)	9.3%	121	2	24	3	148	3	51	4	32.1%	47.1%	48.8%	82.7%	24.1%	48.9%	36.6%	75.4%
PACIFIC OCEAN PERCH	9.3%	121	-	96	-	180	1	156	1	5.8%	-	6.8%	-	16.1%	16.1%	16.8%	16.8%
Shortbelly Rockfish	9.3%	121	1	92	3	162	2	133	3	20.6%	20.6%	36.5%	55.4%	15.4%	29.3%	27.4%	48.6%
WIDOW ROCKFISH	10.2%	121	1	115	2	217	1	211	2	5.4%	5.4%	8.1%	14.6%	13.8%	13.8%	13.4%	19.5%
CANARY ROCKFISH	15.0%	121	-	113	-	226	1	218	1	4.6%	-	6.1%	-	13.5%	13.5%	13.5%	13.5%
Chilipepper Rockfish	15.0%	121	4	63	5	193	2	135	4	9.7%	36.0%	11.8%	52.0%	10.0%	17.6%	11.7%	36.1%
BOCACCIO	15.0%	121	2	54	2	185	2	118	2	14.8%	26.8%	17.8%	31.7%	11.1%	20.1%	13.3%	23.8%
Splitnose Rockfish	15.0%	121	4	57	5	191	2	127	4	10.4%	37.0%	13.3%	56.0%	11.5%	19.3%	13.1%	41.2%
Yellowtail Rockfish	15.0%	121	-	99	1	180	1	159	1	6.9%	-	8.6%	8.6%	16.0%	16.0%	17.3%	17.3%
Shortspine Thornyhead - coastwide	9.3%	121	1	110	1	218	1	207	2	5.5%	5.5%	7.2%	7.2%	14.4%	14.4%	14.2%	19.6%
N. of 34°27'	14.4%	121	-	97	-	173	1	150	1	4.5%	-	5.6%	-	17.7%	17.7%	17.5%	17.5%
S. of 34°27'	14.1%	121	2	73	3	178	3	131	4	14.3%	21.8%	19.8%	38.2%	10.7%	27.6%	14.9%	40.3%
Longspine Thornyhead - coastwide	6.0%	121	4	109	5	202	3	190	5	4.6%	16.0%	5.6%	22.8%	15.6%	22.5%	15.5%	30.8%
N. of 34°27'	6.0%	121	4	109	5	201	3	189	5	4.6%	16.0%	5.6%	22.8%	15.6%	22.5%	15.5%	30.8%
S. of 34°27'	15.0%	121	1	1	1	122	2	2	2	64.6%	64.6%	100.0%	100.0%	48.4%	73.4%	75.0%	100.0%
COWCOD	15.0%	121	1	1	1	123	3	3	3	44.8%	44.8%	100.0%	100.0%	33.6%	58.6%	75.0%	100.0%
DARKBLOTCHED	15.0%	121	-	112	2	233	1	224	1	5.6%	-	9.2%	18.1%	15.6%	15.6%	15.4%	15.4%
YELLOWEYE	15.0%	121	-	108	1	199	1	186	1	6.0%	-	8.9%	8.9%	11.8%	11.8%	11.1%	11.1%
Black Rockfish - coastwide	15.0%	121	2	69	4	153	2	101	3	11.7%	19.5%	15.1%	40.0%	18.0%	26.8%	18.7%	38.0%
Black Rockfish (WA)	15.0%	121	2	17	4	129	4	26	4	13.5%	26.2%	40.3%	96.9%	12.5%	42.6%	30.2%	79.2%
Black Rockfish (OR-CA)	15.0%	121	2	61	3	146	2	86	3	13.9%	22.8%	16.7%	34.9%	19.7%	30.1%	20.3%	41.0%

Table 2-12. Evaluation of Control Limit Option 3 Compared with Combined Harvesting and Buying Entity Quota Shares

Species	Option 3 Control Limits	Number of Entities Over the Limit								Total QS Allocated to Entities Over the Limit							
		100% to Harvesters				75% to Harvesters (50% for whiting sectors)				100% to Harvesters				75% to Harvesters (50% for whiting sectors)			
		Equal Sharing		Proportional		Equal Sharing		Proportional		Equal Sharing		Proportional		Equal Sharing		Proportional	
		Total Number of Entities	Number over the Limit	Total Number of Entities	Number over the Limit	Total Number of Entities	Number over the Limit	Total Number of Entities	Number over the Limit	MAX QS	QS Over the Limit	MAX QS	QS Over the Limit	MAX QS	QS Over the Limit	MAX QS	QS Over the Limit
All nonwhiting groundfish (in aggregate)	3.0%	121	2	116	4	302	2	297	3	4.9%	8.6%	5.1%	15.6%	13.9%	17.2%	14.0%	20.5%
Lingcod - coastwide																	
N. of 42° (OR & WA)																	
S. of 42° (CA)																	
Pacific Cod																	
Pacific Whiting																	
Shoreside non-whiting Sector	25.0%	121	-	59	-	145	-	85	-	8.7%	-	14.7%	-	10.4%	-	12.3%	-
Shoreside Whiting Sector	25.0%	121	-	47	-	139	-	67	-	10.7%	-	11.5%	-	15.8%	-	15.7%	-
Mothership Sector	25.0%	121	-	28	-	124	-	31	-	9.6%	-	10.2%	-	18.4%	-	18.5%	-
Catcher Processors	60.0%	4	-	4	-	4	-	4	-	53.5%	-	53.5%	-	53.5%	-	53.5%	-
All Whiting Sectors Combined	40.0%	125	-	55	-	144	-	76	-	18.2%	-	18.2%	-	20.5%	-	20.5%	-
Sablefish (Coastwide)																	
N. of 36° (Monterey north)																	
S. of 36° (Conception area)																	
PACIFIC OCEAN PERCH																	
Shortbelly Rockfish																	
WIDOW ROCKFISH																	
CANARY ROCKFISH																	
Chilipepper Rockfish																	
BOCACCIO																	
Splitnose Rockfish																	
Yellowtail Rockfish																	
Shortspine Thornyhead - coastwide																	
N. of 34°27'																	
S. of 34°27'																	
Longspine Thornyhead - coastwide																	
N. of 34°27'																	
S. of 34°27'																	
COWCOD																	
DARKBLOTCHED																	
YELLOWEYE																	
Black Rockfish - coastwide																	
Black Rockfish (WA)																	
Black Rockfish (OR-CA)																	

Supplemental Table 2. Illustration of Relative lb "weights" (Sector Catch in Year 2003 Divided by Annual Catch): 1994 to 2004

Stock or Complex	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Lingcod - coastwide	0.04	0.06	0.05	0.05	0.28	0.28	0.91	1.04	0.59	1.00	1.04
N. of 42° (OR & WA)	0.05	0.06	0.05	0.06	0.34	0.36	1.26	1.54	0.73	1.00	1.14
S. of 42° (CA)	0.04	0.04	0.04	0.04	0.16	0.15	0.43	0.46	0.33	1.00	0.78
Pacific Cod	1.26	2.12	2.40	1.77	2.57	3.76	3.80	3.30	1.51	1.00	0.94
Pacific Whiting											
Shoreside Non-whiting	0.60	0.43	0.46	0.26	0.27	1.17	0.84	1.20	0.77	1.00	2.06
Shoreside Whiting	0.70	0.68	0.62	0.59	0.58	0.61	0.60	0.70	1.12	1.00	0.55
At-Sea Whiting (MS)	0.46	0.79	0.58	0.53	0.52	0.55	0.61	0.73	0.98	1.00	1.08
At-Sea Whiting (CP)	0.48	0.67	0.63	0.58	0.59	0.61	0.61	0.70	1.13	1.00	0.56
Sablefish (Coastwide)	0.66	0.63	0.56	0.63	1.08	0.74	0.86	0.92	1.61	1.00	0.95
N. of 36° (Monterey north)	0.67	0.64	0.57	0.63	1.11	0.73	0.85	0.90	1.61	1.00	0.95
S. of 36° (Conception area)	0.51	0.38	0.36	0.51	0.68	0.94	2.15	2.74	1.59	1.00	0.97
PACIFIC OCEAN PERCH	0.15	0.16	0.16	0.20	0.22	0.25	0.97	0.70	0.89	1.00	1.01
Shortbelly Rockfish	0.01	0.01	0.01	0.00	0.01	0.10	0.01	0.05	3.08	1.00	2.65
WIDOW ROCKFISH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	1.00	0.46
CANARY ROCKFISH	0.01	0.01	0.01	0.01	0.01	0.01	0.21	0.32	0.18	1.00	1.17
Chilipepper Rockfish	0.01	0.01	0.01	0.00	0.01	0.01	0.02	0.02	0.05	1.00	0.19
BOCACCIO	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	1.00	0.02
Splitnose Rockfish	0.52	0.55	0.37	0.35	0.12	0.73	1.80	1.67	2.70	1.00	0.92
Yellowtail Rockfish	0.02	0.03	0.02	0.08	0.06	0.06	0.04	0.07	0.14	1.00	1.08
Shortspine Thornyhead - coastwide	0.22	0.36	0.44	0.48	0.56	0.93	0.87	1.41	1.00	1.00	1.00
N. of 34°27'	0.21	0.38	0.43	0.46	0.54	0.88	0.96	1.32	1.08	1.00	1.06
S. of 34°27'	0.27	0.32	0.47	0.50	0.62	1.09	0.72	1.67	0.85	1.00	0.90
Longspine Thornyhead - coastwide	0.38	0.29	0.33	0.40	0.70	0.88	1.09	1.37	0.82	1.00	2.15
N. of 34°27'	0.38	0.29	0.33	0.40	0.70	0.88	1.09	1.37	0.82	1.00	2.15
S. of 34°27'	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	E	0.00	0.00
COWCOD	0.00	0.00	E	0.00	0.00	0.00	0.00	0.00	E	0.00	0.00
DARKBLOTCHED	0.10	0.11	0.11	0.10	0.09	0.23	0.33	0.52	0.74	1.00	0.42
YELLOWEYE	0.01	0.01	0.01	0.01	0.03	0.04	0.79	0.49	1.02	1.00	2.93
Black Rockfish - coastwide	0.02	0.10	0.05	0.04	0.01	0.19	0.48	0.93	0.27	1.00	0.37
Black Rockfish (WA)	E	E	0.00	E	E	0.00	0.00	0.00	E	0.00	0.00
Black Rockfish (OR-CA)	0.02	0.15	0.05	0.04	0.01	0.19	0.48	0.93	0.30	1.00	0.37
Minor Rockfish North	0.07	0.09	0.09	0.10	0.10	0.20	0.43	0.45	1.20	1.00	0.69
Nearshore Species	0.40	0.30	12.02	0.94	0.05	1.73	0.76	0.47	0.36	1.00	0.20
Shelf Species	0.02	0.02	0.02	0.02	0.02	0.05	0.36	0.10	0.43	1.00	1.61
Slope Species	0.13	0.18	0.20	0.19	0.29	0.41	0.44	0.94	1.63	1.00	0.64
Minor Rockfish South	0.29	0.27	0.20	0.21	0.23	1.54	1.08	0.88	0.48	1.00	0.79
Nearshore Species	0.11	0.05	0.02	0.03	0.54	0.03	0.98	1.54	0.54	1.00	3.26
Shelf Species	0.02	0.01	0.01	0.01	0.01	0.08	0.09	0.12	0.19	1.00	1.52
Slope Species	0.41	0.37	0.26	0.29	0.33	2.49	1.28	0.97	0.50	1.00	0.78
California scorpionfish	E	0.00	0.00	E	0.00	0.00	0.00	E	E	0.00	0.00
Cabazon (off CA only)	E	0.00	E	0.00	0.00	E	E	E	E	0.00	0.00
Dover Sole	0.86	0.72	0.61	0.74	0.93	0.82	0.85	1.09	1.18	1.00	1.05
English Sole	0.79	0.77	0.76	0.60	0.76	0.96	1.15	0.89	0.76	1.00	0.96
Petrale Sole (coastwide)	1.49	1.22	1.08	1.04	1.33	1.32	1.05	1.09	1.09	1.00	1.02
Arrowtooth Flounder	0.74	1.00	1.06	0.99	0.72	0.43	0.70	0.94	1.11	1.00	0.97
Starry Flounder	0.40	0.58	1.04	0.49	0.55	1.31	1.15	3.96	1.58	1.00	0.24
Other Flatfish	0.68	0.62	0.79	0.81	0.96	0.78	0.97	0.92	0.91	1.00	1.16
Kelp Greenling	0.13	0.01	0.33	0.00	0.35	0.00	0.00	0.85	34.00	1.00	0.00
Spiny Dogfish	0.19	0.55	1.01	0.59	0.49	0.46	0.72	0.59	0.44	1.00	1.65
Other Fish	0.26	0.26	0.30	0.40	0.36	0.70	0.95	0.96	1.22	1.00	2.04

Table 3a. Example of Quota Share (QS) Allocations for a Selected Shoreside Non-whiting Vessel Permit (catch in lbs) with a Relatively Early Catch History.

Permit	Species Group	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL Actual	Actual lbs	TOTAL	Relative lbs	Difference	Percent
													lbs	QS (1)	Relative lbs	QS (2)	in QS (2) - Difference in	Difference in
SNW1	Lingcod - coastwide	2,162	2,969	31,230	72,004	3,143	1,810	715	38				114,070	0.93%	7,612	0.52%	-0.41%	- 44%
	N. of 42" (OR & WA)	2,162	2,969	25,681	47,400	3,143	1,810	715	38				83,917	0.93%	6,982	0.60%	-0.33%	- 36%
	S. of 42" (CA)	0	0	5,549	24,604	0	0	0	0				30,153	0.92%	1,182	0.40%	-0.52%	- 56%
	Pacific Cod	178	11	236	293	558	74	14	275				1,639	0.01%	4,002	0.02%	0.00%	+ 37%
	Pacific Whiting (Coastwide)	1,391	0	46	0	0	0	0	0				1,437	0.11%	861	0.12%	0.01%	+ 5%
	Sablefish (Coastwide)	24,065	41,773	60,763	49,192	35,528	56,317	43,925	32,718				344,280	0.49%	255,295	0.45%	-0.04%	- 8%
	N. of 36" (Monterey north)	24,065	41,773	60,763	49,192	35,528	56,317	43,925	32,718				344,280	0.51%	256,058	0.47%	-0.04%	- 8%
	S. of 36" (Conception area)	0	0	0	0	0	0	0	0				0	0.00%	0	0.00%	0.00%	-
	PACIFIC OCEAN PERCH	10,683	27,419	16,565	19,623	13,205	7,175	7,062	3,600				105,331	0.94%	26,549	0.83%	-0.11%	- 12%
	Shortbelly Rockfish	0	1	267	10	0	0	108	0				386	0.08%	3	0.06%	-0.02%	- 27%
	WIDOW ROCKFISH	264,370	293,456	295,570	279,832	141,522	187,317	143,919	21,673				1,627,660	2.04%	1,359	1.39%	-0.64%	- 32%
	CANARY ROCKFISH	12,542	10,277	82,980	31,806	33,781	18,020	0	61				189,467	1.79%	1,760	0.95%	-0.83%	- 47%
	Chilipepper Rockfish	0	0	24,252	49,763	0	0	0	0				74,015	0.41%	368	0.21%	-0.20%	- 50%
	BOCACCIO	0	0	17,439	10,100	0	0	0	0				27,539	0.87%	12	0.45%	-0.42%	- 48%
	Spitnose Rockfish	0	0	9,896	289	0	0	0	0				10,184	0.13%	3,810	0.10%	-0.03%	- 22%
	Yellowtail Rockfish	54,934	15,965	129,421	28,765	44,741	54,764	75,440	18,337				422,367	0.87%	17,152	0.70%	-0.17%	- 19%
	Shortspine Thornyhead - coastwide	10,407	16,161	19,546	16,306	12,290	11,857	8,841	7,524				102,931	0.36%	60,735	0.38%	0.01%	+ 4%
	N. of 34"27"	10,407	16,161	15,014	13,647	12,290	11,857	8,841	7,524				95,741	0.48%	56,514	0.50%	0.03%	+ 5%
	S. of 34"27"	0	0	4,531	2,659	0	0	0	0				7,190	0.09%	3,476	0.07%	-0.02%	- 18%
	Longspine Thornyhead - coastwide	20,578	40,458	83,410	51,451	6,493	15,680	35,705	16,861				270,634	0.43%	147,893	0.39%	-0.03%	- 8%
	N. of 34"27"	20,578	40,458	83,410	51,451	6,493	15,680	35,705	16,861				270,634	0.43%	147,893	0.39%	-0.03%	- 8%
	S. of 34"27"	0	0	0	0	0	0	0	0				0	0.00%	0	0.00%	0.00%	-
	COWCOD	0	0	0	0	0	0	0	0				0	0.00%	0	0.00%	0.00%	-
	DARKBLOTCHED	16,357	25,059	12,492	17,685	31,525	5,105	3,502	757				112,482	1.01%	13,054	0.68%	-0.33%	- 33%
	YELLOWEYE	2,456	1,307	12,899	5,929	156	350	0	0				23,097	2.26%	249	1.06%	-1.20%	- 53%
	Black Rockfish - coastwide	0	0	0	0	0	0	0	0				0	0.00%	0	0.00%	0.00%	-
	Black Rockfish (WA)	0	0	0	0	0	0	0	0				0	0.00%	0	0.00%	0.00%	-
	Black Rockfish (OR-CA)	0	0	0	0	0	0	0	0				0	0.00%	0	0.00%	0.00%	-
	Minor Rockfish North	13,740	33,271	41,492	27,093	28,319	14,105	9,698	3,939				171,657	0.74%	21,812	0.60%	-0.14%	- 19%
	Nearshore Species	0	0	0	0	565	0	0	0				565	2.71%	30	0.50%	-2.20%	- 81%
	Shelf Species	3,792	11,305	27,646	12,575	10,657	7,486	327	4				73,793	0.57%	1,696	0.37%	-0.20%	- 35%
	Slope Species	9,947	21,966	13,846	14,519	17,096	6,619	9,371	3,935				97,299	0.96%	26,401	0.84%	-0.12%	- 12%
	Minor Rockfish South	0	0	18,197	38,167	0	0	0	0				56,364	0.48%	11,522	0.25%	-0.23%	- 47%
	Nearshore Species	0	0	0	0	0	0	0	0				0	0.00%	0	0.00%	0.00%	-
	Shelf Species	0	0	6,259	1,599	0	0	0	0				7,857	0.30%	98	0.15%	-0.15%	- 50%
	Slope Species	0	0	11,938	36,568	0	0	0	0				48,506	0.53%	13,704	0.30%	-0.23%	- 43%
	California scorpionfish	0	0	0	12,408	0	0	0	0				12,408	92.92%	0	0.00%	-92.92%	- 100%
	Cabezon (off CA only)	0	0	0	0	0	0	0	0				0	0.00%	0	0.00%	0.00%	-
	Dover sole (total)	42,546	51,907	54,125	83,543	58,628	109,660	64,990	105,333				570,733	0.27%	482,491	0.27%	-0.01%	- 2%
	English Sole	2,150	847	2,046	3,697	2,176	1,589	0	101				12,606	0.05%	9,384	0.05%	-0.01%	- 10%
	Petrale Sole (coastwide)	3,171	12,073	7,051	5,615	7,336	2,857	5,782	6,599				50,484	0.12%	59,704	0.13%	0.00%	+ 4%
	Arrowtooth Flounder (total)	3,146	33	832	898	2,044	10,387	2,952	16,785				37,078	0.05%	27,973	0.05%	0.00%	- 8%
	Starry Flounder	0	0	0	0	0	0	0	0				0	0.00%	0	0.00%	0.00%	-
	Other Flatfish	1,144	343	1,139	5,431	2,260	4,025	2,064	2,352				18,758	0.04%	15,757	0.04%	0.00%	- 1%
	Kelp Greenling	0	0	0	0	0	0	0	0				0	0.00%	0	0.00%	0.00%	-
	Spiny Dogfish	0	0	0	0	0	0	0	0				0	0.00%	0	0.00%	0.00%	-
	Other Fish	106	0	0	1,238	0	0	0	110				1,454	0.01%	622	0.01%	0.00%	- 14%
	Total Groundfish	487,136	573,329	921,893	811,138	423,704	501,091	404,717	237,063				4,360,069	0.53%	2,299,754	0.45%	-0.08%	- 15%

Table 3b. Example of Quota Share (QS) Allocations for a Selected Shoreside Non-whiting Vessel Permit (catch in lbs) with a Relatively Late Catch History.

Permit	Species Group	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL Actual	Actual lbs	TOTAL	Relative lbs	Difference	Percent
													lbs	QS (1)	Relative lbs	QS (2)	in QS (2) -	Difference in
																	(1)	QS*
SNW2	Lingcod - coastwide	109	146	102	94	85	129	134	386	466	2,152	3,263	7,066	0.06%	6,429	0.44%	0.38%	+ 666%
	N. of 42" (OR & WA)	109	146	102	94	85	129	134	386	466	2,152	3,263	7,066	0.08%	7,069	0.60%	0.53%	+ 675%
	S. of 42" (CA)	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	Pacific Cod	290	75	179	260	74	102	158	84	1,703	21,823	35,305	60,053	0.42%	60,594	0.24%	-0.18%	- 43%
	Pacific Whiting (Coastwide)	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	Sablefish (Coastwide)	0	0	0	30	0	1,318	1,872	20,897	15,124	18,694	11,184	69,119	0.10%	75,578	0.13%	0.04%	+ 36%
	N. of 36" (Monterey north)	0	0	0	30	0	1,318	1,872	20,897	15,124	18,694	11,184	69,119	0.10%	75,111	0.14%	0.04%	+ 34%
	S. of 36" (Conception area)	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	PACIFIC OCEAN PERCH	2	0	0	0	0	34	2	0	0	0	0	38	0.00%	11	0.00%	0.00%	- 0%
	Shortbelly Rockfish	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	WIDOW ROCKFISH	0	0	0	0	0	2	2,816	101	0	0	5	2,924	0.00%	6	0.01%	0.00%	+ 56%
	CANARY ROCKFISH	21	0	0	4	54	164	402	106	398	11	57	1,217	0.01%	272	0.15%	0.14%	+ 1,182%
	Chilipepper Rockfish	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	BOCACCIO	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	Splitnose Rockfish	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	Yellowtail Rockfish	0	52	14	0	313	491	32,850	10,301	3,825	2,184	2,907	52,937	0.11%	7,886	0.32%	0.21%	+ 196%
	Shortspine Thornyhead - coastwide	0	0	0	0	0	131	177	1,531	112	1,207	3	3,160	0.01%	3,757	0.02%	0.01%	+ 110%
	N. of 34"27"	0	0	0	0	0	131	177	1,531	112	1,207	3	3,160	0.02%	3,639	0.03%	0.02%	+ 106%
	S. of 34"27"	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	Longspine Thornyhead - coastwide	0	0	0	0	0	1	1	142	2	0	0	145	0.00%	198	0.00%	0.00%	+ 129%
	N. of 34"27"	0	0	0	0	0	1	1	142	2	0	0	145	0.00%	198	0.00%	0.00%	+ 129%
	S. of 34"27"	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	COWCOD	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	DARKBLOTCHED	15	0	0	1	0	59	32	29	28	4	0	169	0.00%	66	0.00%	0.00%	+ 126%
	YELLOWWEYE	1	0	0	0	0	1	0	4	69	0	0	75	0.01%	72	0.31%	0.30%	+ 4,109%
	Black Rockfish - coastwide	1,119	584	1,060	71	1,062	72	216	0	0	7	307	4,498	1.07%	382	1.80%	0.73%	+ 68%
	Black Rockfish (WA)	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	Black Rockfish (OR-CA)	1,119	584	1,060	71	1,062	72	216	0	0	7	307	4,498	1.22%	416	1.96%	0.74%	+ 61%
	Minor Rockfish North	87	1	0	4	11	212	494	185	436	243	29	1,702	0.01%	1,132	0.03%	0.02%	+ 325%
	Nearshore Species	0	0	0	0	0	0	0	0	0	1	25	26	0.12%	6	0.10%	-0.02%	- 19%
	Shelf Species	51	1	0	3	11	102	181	121	384	105	2	961	0.01%	356	0.08%	0.07%	+ 943%
	Slope Species	36	0	0	1	0	110	314	64	52	137	2	716	0.01%	471	0.01%	0.01%	+ 113%
	Minor Rockfish South	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	Nearshore Species	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	Shelf Species	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	Slope Species	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	California scorpionfish	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	Cabezon (off CA only)	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	Dover sole (total)	1,723	11,937	20,387	30,256	42,804	45,137	56,592	77,677	62,350	96,197	64,059	509,119	0.24%	490,890	0.27%	0.03%	+ 12%
	English Sole	7,625	4,839	6,791	2,925	852	9,688	26,200	15,606	29,294	25,371	27,947	157,136	0.63%	145,131	0.70%	0.07%	+ 11%
	Petrale Sole (coastwide)	1,709	1,816	3,271	2,807	6,308	5,613	15,090	7,473	12,539	24,520	42,459	123,606	0.30%	132,416	0.28%	-0.02%	- 6%
	Arrowtooth Flounder (total)	41	0	0	0	0	7,445	10,744	18,051	799	730	19	37,828	0.06%	29,415	0.05%	0.00%	- 5%
	Starry Flounder	3,132	7,258	7,411	1,984	2,311	622	1,042	1,666	5,728	17,540	7,494	56,188	5.30%	52,420	7.47%	2.18%	+ 41%
	Other Flatfish	31,080	26,590	21,399	10,340	10,547	8,791	7,233	22,517	47,133	46,636	39,267	271,532	0.64%	242,470	0.68%	0.04%	+ 5%
	Kelp Greenling	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-
	Spiny Dogfish	0	0	0	0	0	0	122	0	0	0	0	122	0.00%	88	0.00%	0.00%	+ 36%
	Other Fish	0	20	0	0	24	0	38	0	0	0	0	82	0.00%	50	0.00%	0.00%	+ 22%
	Total Groundfish	46,954	53,320	60,616	48,775	64,444	80,009	156,214	176,756	180,003	257,319	234,304	1,358,714	0.16%	1,138,045	0.22%	0.06%	+ 36%

Table 3c. Example of Quota Share (QS) Allocations for a Selected Shoreside Non-whiting Vessel Permit (catch in lbs) with a Relatively Constant Catch History.

Permit	Species Group	TOTAL Actual											Actual lbs QS (1)	TOTAL Relative lbs QS (2)	Difference in QS (2) - Difference in (1)	Percent Difference in QS*		
		1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004					lbs	
SNW3	Lingcod - coastwide	5,020	2,789	2,195	3,029	2,321	2,817	1,332	1,011	1,128	2,234	2,586	26,460	0.21%	9,934	0.68%	0.46%	+ 216%
	N. of 42" (OR & WA)	5,020	2,789	2,195	3,029	2,321	2,817	1,332	1,011	1,128	2,234	2,586	26,460	0.29%	11,722	1.00%	0.71%	+ 243%
	S. of 42" (CA)	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-	
	Pacific Cod	8,599	830	1,245	4,732	24,488	4,612	1,012	1,074	13,115	55,591	90,774	206,071	1.45%	272,579	1.08%	-0.37%	- 26%
	Pacific Whiting (Coastwide)	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-	
	Sablefish (Coastwide)	2,992	2,344	9,913	8,631	12,169	15,392	7,997	33,450	16,335	19,848	14,136	143,207	0.20%	136,348	0.24%	0.04%	+ 18%
	N. of 36" (Monterey north)	2,992	2,344	9,913	8,631	12,169	15,392	7,997	33,450	16,335	19,848	14,136	143,207	0.21%	135,922	0.25%	0.04%	+ 17%
	S. of 36" (Conception area)	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-	
	PACIFIC OCEAN PERCH	288	34	268	21	1,245	2,606	478	217	515	1	0	5,673	0.05%	2,101	0.07%	0.02%	+ 30%
	Shortbelly Rockfish	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	- 36%	
	WIDOW ROCKFISH	44	77	2	10	416	1,257	16	2,939	0	0	4	4,765	0.01%	11	0.01%	0.00%	+ 82%
	CANARY ROCKFISH	2,077	2,104	1,957	1,639	3,296	3,659	903	771	479	299	0	17,184	0.16%	980	0.53%	0.37%	+ 228%
	Chilipepper Rockfish	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-	
	BOCACCIO	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-	
	Splitnose Rockfish	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-	
	Yellowtail Rockfish	3,497	1,418	2,207	2,737	17,180	49,853	2,938	1,901	15,906	3,079	1,920	102,637	0.21%	12,147	0.50%	0.29%	+ 135%
	Shortspine Thornyhead - coastwide	13	69	94	328	259	1,222	377	794	213	730	480	4,578	0.02%	4,382	0.03%	0.01%	+ 69%
	N. of 34"27"	13	69	94	328	255	1,222	377	794	213	730	480	4,574	0.02%	4,309	0.04%	0.02%	+ 68%
	S. of 34"27"	0	0	0	0	4	0	0	0	0	0	0	4	0.00%	2	0.00%	0.00%	+ 5%
	Longspine Thornyhead - coastwide	0	79	101	178	8	13	412	138	874	0	1	1,805	0.00%	1,500	0.00%	0.00%	+ 40%
	N. of 34"27"	0	79	101	178	8	13	412	138	874	0	1	1,805	0.00%	1,501	0.00%	0.00%	+ 40%
	S. of 34"27"	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-	
	COWCOD	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-	
	DARKBLOTCHED	1,372	92	123	81	113	602	388	69	960	12	3	3,814	0.03%	1,208	0.06%	0.03%	+ 83%
	YELLOWEYE	106	4	10	5	39	3	0	33	0	4	0	202	0.02%	23	0.10%	0.08%	+ 390%
	Black Rockfish - coastwide	7,616	3,728	5,903	20,314	9,552	359	399	5	356	20	114	48,366	11.54%	2,074	9.78%	-1.76%	- 15%
	Black Rockfish (WA)	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-	
	Black Rockfish (OR-CA)	7,616	3,728	5,903	20,314	9,552	359	399	5	356	20	114	48,366	13.13%	2,339	11.03%	-2.10%	- 16%
	Minor Rockfish North	7,809	277	521	298	438	1,207	1,426	725	1,081	96	109	13,986	0.06%	3,325	0.09%	0.03%	+ 52%
	Nearshore Species	0	0	0	0	0	0	0	15	84	13	6	118	0.57%	51	0.87%	0.30%	+ 53%
	Shelf Species	4,682	172	316	208	323	585	143	161	764	17	88	7,457	0.06%	672	0.15%	0.09%	+ 154%
	Slope Species	3,127	106	204	90	115	622	1,283	550	233	66	16	6,411	0.06%	2,314	0.07%	0.01%	+ 17%
	Minor Rockfish South	0	0	0	0	1	0	0	0	0	0	0	1	0.00%	0	0.00%	0.00%	- 40%
	Nearshore Species	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-	
	Shelf Species	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-	
	Slope Species	0	0	0	1	0	0	0	0	0	0	0	1	0.00%	0	0.00%	0.00%	- 34%
	California scorpionfish	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-	
	Cabezon (off CA only)	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00%	0.00%	-	
	Dover sole (total)	26,976	73,153	135,963	85,605	84,875	80,744	89,472	84,550	86,597	106,408	84,778	939,120	0.45%	832,131	0.46%	0.01%	+ 3%
	English Sole	103,035	78,142	91,788	104,506	106,866	85,202	72,028	73,208	84,369	92,620	50,600	942,364	3.78%	790,220	3.82%	0.04%	+ 1%
	Petrale Sole (coastwide)	19,075	29,765	27,273	21,273	31,578	38,102	80,061	43,886	37,926	62,384	55,579	446,902	1.08%	500,708	1.06%	-0.02%	- 2%
	Arrowtooth Flounder (total)	3,354	1,521	0	13	0	17,696	29,815	29,025	7,046	678	13	89,161	0.13%	68,455	0.12%	-0.01%	- 6%
	Starry Flounder	41,478	42,383	19,723	21,303	58,756	19,173	36,421	3,560	10,382	7,607	19,644	280,429	26.43%	214,234	30.54%	4.10%	+ 16%
	Other Flatfish	139,182	119,999	65,424	49,835	34,276	62,048	46,593	49,312	86,045	88,354	70,359	811,425	1.93%	680,795	1.91%	-0.02%	- 1%
	Kelp Greenling	0	0	0	0	0	0	0	1	0	0	0	1	0.03%	34	9.09%	9.07%	+ 35,240%
	Spiny Dogfish	1,782	0	0	96	659	1,220	3,070	12	0	0	0	6,839	0.08%	3,490	0.07%	0.00%	- 3%
	Other Fish	381	333	1,772	307	341	2	63	0	71	26	0	3,296	0.03%	1,135	0.02%	-0.01%	- 31%
	Total Groundfish	374,693	359,140	366,482	324,940	388,872	387,789	375,201	326,680	363,398	439,990	391,100	4,098,285	0.50%	2,882,789	0.57%	0.07%	+ 14%

ELEMENT	ANALYTICAL SCENARIOS FOR ILLUSTRATING IMPACTS			
	Scenario 2.a	Scenario 2.b	Scenario 3	Scenario 4
Catch Control Tool	<ul style="list-style-type: none"> IFQ for all Trawl Sectors 	<ul style="list-style-type: none"> IFQ for all trawl sectors 	<ul style="list-style-type: none"> IFQ for Non-Whiting Trawl Coops for Whiting Trawl 	<ul style="list-style-type: none"> IFQ for Shorebased Trawl Coops for At-Sea Trawl
Initial Allocation	<ul style="list-style-type: none"> Based on catch history (no buyback sharing) 		<ul style="list-style-type: none"> Equal sharing of buyback history in Non-whiting Whiting sectors: placeholder 	<ul style="list-style-type: none"> Equal sharing of buyback history in Non-whiting Whiting sectors: placeholder
Processor Initial Ownership / Coop Affiliations	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> 25% of groundfish 50% whiting to shoreside and motherships 	<ul style="list-style-type: none"> Processor affiliations in mothership and SB whiting sectors. 25% SB processor ownership of SB groundfish 	<ul style="list-style-type: none"> Processor affiliation in Mothership sector 50% SB processor ownership of SB whiting No processor ownership of SB groundfish
Species Covered	<ul style="list-style-type: none"> All grndfish and Pacific halibut 	<ul style="list-style-type: none"> All grndfish and Pacific halibut 	<ul style="list-style-type: none"> All groundfish in non-whiting sector Whiting in whiting sectors with bycatch pools that are common across all whiting sectors 	<ul style="list-style-type: none"> All groundfish in shorebased sector Whiting is covered at sea. At sea sector bycatch is covered through sector-specific pools
Number of Trawl Sectors	<ul style="list-style-type: none"> Three 	<ul style="list-style-type: none"> Four 	<ul style="list-style-type: none"> Four 	<ul style="list-style-type: none"> Three
Adaptive Management ¹	<ul style="list-style-type: none"> No adaptive mgmt 	<ul style="list-style-type: none"> No adaptive mgmt 	<ul style="list-style-type: none"> Adaptive mgmt for non-whiting 	<ul style="list-style-type: none"> Adaptive mgmt for shorebased
Roll-over	<ul style="list-style-type: none"> Roll-over exists 	<ul style="list-style-type: none"> Roll-over exists 	<ul style="list-style-type: none"> No roll-over 	<ul style="list-style-type: none"> Roll-over exists
Overfished Species Provisions	<ul style="list-style-type: none"> none 	<ul style="list-style-type: none"> none 	<ul style="list-style-type: none"> placeholder 	<ul style="list-style-type: none"> placeholder
Accumulation Limits	<ul style="list-style-type: none"> SB non-whiting grnd: 5% SB whiting: 25% ctrl & 12% per vessel Mothership: 25% ctrl & 50% per vessel CP: 60% ctrl & 75% per vessel 		<ul style="list-style-type: none"> SB grnd: 1.5% SB whiting: 15% Mothership: 20% CV(MS): 10% CP: none 	<ul style="list-style-type: none"> SB grnd: 3% SB whiting: 10% Mothership: 30% CV(MS): 15% CP: none
Tracking and Monitoring Options	<ul style="list-style-type: none"> Placeholder 	<ul style="list-style-type: none"> Placeholder 	<ul style="list-style-type: none"> Placeholder 	<ul style="list-style-type: none"> Placeholder

Note: Adaptive management provisions are assumed to be used to A) provide protection to communities and processors that may be adversely affected by rationalization by directing QP to LE permits based in particular communities, and B) to encourage bycatch reduction measures and/or gear conversion by dir