

Table 1. Management measures and predicted impacts for 2007-2008 limited entry bottom trawl fisheries designed to accomplish a regional management strategy for targeting petrale sole.

RCA Boundaries and Trip Limits to accomplish Petrale Regional Management

SUBAREA	PERIOD	RCA BOUNDARIES		CUMULATIVE LIMITS							
		INLINE	OUTLINE	SABLE-FISH	LONG-SPINE	SHORT-SPINE	DOVER	OTHER FLAT	PETRALE	ARROW-TOOTH	SLOPE ROCK
N 40 10	1	75	200*	11,000	20,000	7,000	65,000	80,000	40,000	80,000	4,000
	2	75	200	11,000	20,000	7,000	65,000	80,000	15,000	80,000	4,000
	3	75	200	14,000	24,000	7,000	50,000	80,000	15,000	80,000	4,000
	4	75	200	14,000	24,000	7,000	50,000	80,000	15,000	80,000	4,000
	5	75	200	14,000	24,000	7,000	50,000	80,000	15,000	80,000	4,000
	6	75	200*	11,000	20,000	7,000	65,000	80,000	40,000	80,000	4,000
N 40 10 SFFT	1	75	200*	5,000	3,000	3,000	20,000	60,000	15,000	50,000	4,000
	2	75	200	7,000	3,000	3,000	20,000	60,000	15,000	50,000	4,000
	3	75	200	11,000	3,000	3,000	22,000	60,000	15,000	50,000	4,000
	4	75	200	11,000	3,000	3,000	22,000	60,000	15,000	50,000	4,000
	5	75	200	7,000	3,000	3,000	20,000	60,000	15,000	50,000	4,000
	6	75	200*	5,000	3,000	3,000	20,000	60,000	15,000	50,000	4,000
38 40 10	1	100	150	12,500	22,000	8,000	65,000	110,000	120,000	10,000	8,000
	2	100	150	12,500	22,000	8,000	65,000	110,000	42,000	10,000	8,000
	3	100	150	12,500	22,000	8,000	50,000	110,000	42,000	10,000	8,000
	4	100	150	12,500	22,000	8,000	50,000	110,000	42,000	10,000	8,000
	5	100	150	12,500	22,000	8,000	50,000	110,000	42,000	10,000	8,000
	6	100	150	12,500	22,000	8,000	65,000	110,000	120,000	10,000	8,000
S 38	1	100	150	12,500	22,000	8,000	75,000	130,000	120,000	10,000	40,000
	2	100	150	12,500	22,000	8,000	75,000	130,000	42,000	10,000	40,000
	3	100	150	12,500	22,000	8,000	75,000	130,000	42,000	10,000	40,000
	4	100	150	12,500	22,000	8,000	75,000	130,000	42,000	10,000	40,000
	5	100	150	12,500	22,000	8,000	75,000	130,000	42,000	10,000	40,000
	6	100	150	12,500	22,000	8,000	75,000	130,000	120,000	10,000	40,000

*includes petrale sole areas

Mortality of Rebuilding and Target Species in the LE Btwl Fishery (mt)

		North	South	Total
Rebuilding Species	Canary	3.6	3.2	6.8
	POP	104.1	0.0	104.1
	Darkblotched	182.8	42.3	225.1
	Widow	1.0	0.1	1.1
	Bocaccio	0.0	52.3	52.3
	Yelloweye	0.1	0.1	0.2
	Cowcod	0.0	3.0	3.0
Target Species	Sablefish	1571.7	464.1	2035.9
	Longspine	308.4	584.5	892.9
	Shortspine	801.9	366.7	1168.6
	Dover	7709.8	2569.8	10279.6
	Arrowtooth	4765.6	51.3	4816.9
	Petrale	1601.9	397.4	1999.3
	Other Flat	447.9	702.7	1150.7
	Slope Rock	243.8	265.0	508.9

Table 2. Management measures and predicted impacts for 2007-2008 limited entry bottom trawl fisheries under Rebuilding Alternative 1 and OY Alternative 1 for target species.

RCA Boundaries and Trip Limits to accomplish Rebuilding Species OY Alternative 1 & Target Species OY Alternative 1

SUBAREA	PERIOD	RCA BOUNDARIES		CUMULATIVE LIMITS							
		INLINE	OUTLINE	SABLE-FISH	LONG-SPINE	SHORT-SPINE	DOVER	OTHER FLAT	PETRALE	ARROW-TOOTH	SLOPE ROCK
N 40 10	1	75	150	11,000	20,000	7,000	65,000	110,000	60,000	100,000	8,000
	2	50	150	11,000	20,000	7,000	65,000	110,000	18,000	100,000	8,000
	3	50	150	13,000	24,000	7,000	50,000	110,000	18,000	100,000	8,000
	4	60	150	13,000	24,000	7,000	50,000	110,000	18,000	100,000	8,000
	5	50	150	13,000	24,000	7,000	50,000	110,000	18,000	100,000	8,000
	6	75	150	11,000	20,000	7,000	65,000	110,000	60,000	100,000	8,000
N 40 10 SFFT	1	75	150	5,000	3,000	3,000	20,000	60,000	16,000	50,000	8,000
	2	50	150	7,000	3,000	3,000	20,000	60,000	18,000	50,000	8,000
	3	50	150	11,000	3,000	3,000	20,000	60,000	18,000	50,000	8,000
	4	60	150	11,000	3,000	3,000	20,000	60,000	18,000	50,000	8,000
	5	50	150	7,000	3,000	3,000	20,000	60,000	18,000	50,000	8,000
	6	75	150	5,000	3,000	3,000	20,000	60,000	16,000	50,000	8,000
38 40 10	1	75	150	12,000	22,000	7,000	65,000	110,000	60,000	10,000	15,000
	2	60	150	12,000	22,000	7,000	65,000	110,000	18,000	10,000	15,000
	3	75	150	12,000	22,000	7,000	50,000	110,000	18,000	10,000	15,000
	4	100	150	12,000	22,000	7,000	50,000	110,000	18,000	10,000	15,000
	5	60	150	12,000	22,000	7,000	50,000	110,000	18,000	10,000	15,000
	6	75	150	12,000	22,000	7,000	65,000	110,000	60,000	10,000	15,000
S 38	1	75	150	12,000	22,000	7,000	65,000	110,000	60,000	10,000	40,000
	2	100	150	12,000	22,000	7,000	65,000	110,000	18,000	10,000	40,000
	3	100	150	12,000	22,000	7,000	50,000	110,000	18,000	10,000	40,000
	4	100	150	12,000	22,000	7,000	50,000	110,000	18,000	10,000	40,000
	5	100	150	12,000	22,000	7,000	50,000	110,000	18,000	10,000	40,000
	6	75	150	12,000	22,000	7,000	65,000	110,000	60,000	10,000	40,000

Mortality of Rebuilding and Target Species in the LE Btwl Fishery (mt)

		North	South	Total
Rebuilding Species	Canary	2.2	2.2	4.5
	POP	160.1	0.0	160.1
	Darkblotched	268.9	41.5	310.4
	Widow	1.9	0.1	2.0
	Bocaccio	0.0	28.3	28.3
	Yelloweye	0.1	0.1	0.2
	Cowcod	0.0	1.2	1.2
Target Species	Sablefish	1598.3	437.1	2035.4
	Longspine	310.6	584.5	895.2
	Shortspine	847.9	320.8	1168.7
	Dover	8014.5	2366.1	10380.7
	Arrowtooth	3578.8	27.1	3605.9
	Petrale	1586.7	272.9	1859.6
	Other Flat	559.0	685.1	1244.1
	Slope Rock	501.7	350.7	852.4

Table 3. Management measures and predicted impacts for 2007-2008 limited entry bottom trawl fisheries under Rebuilding Alternative 2 and OY Alternative 1 for target species.

RCA Boundaries and Trip Limits to accomplish Rebuilding Species OY Alternative 2 & Target Species OY Alternative 1

SUBAREA	PERIOD	RCA BOUNDARIES		CUMULATIVE LIMITS							
		INLINE	OUTLINE	SABLE-FISH	LONG-SPINE	SHORT-SPINE	DOVER	OTHER FLAT	PETRALE	ARROW-TOOTH	SLOPE ROCK
N 40 10	1	75	200*	11,000	20,000	7,000	65,000	80,000	40,000	80,000	4,000
	2	75	250	11,000	20,000	7,000	65,000	80,000	15,000	80,000	4,000
	3	75	250	14,000	24,000	7,000	50,000	80,000	15,000	80,000	4,000
	4	100	200	14,000	24,000	7,000	50,000	80,000	15,000	80,000	4,000
	5	75	250	14,000	24,000	7,000	50,000	80,000	15,000	80,000	4,000
	6	75	200*	11,000	20,000	7,000	65,000	80,000	40,000	80,000	4,000
N 40 10 SFFT	1	75	200*	5,000	3,000	3,000	20,000	60,000	15,000	50,000	4,000
	2	75	250	7,000	3,000	3,000	20,000	60,000	15,000	50,000	4,000
	3	75	250	11,000	3,000	3,000	22,000	60,000	15,000	50,000	4,000
	4	100	200	11,000	3,000	3,000	22,000	60,000	15,000	50,000	4,000
	5	75	250	7,000	3,000	3,000	20,000	60,000	15,000	50,000	4,000
	6	75	200*	5,000	3,000	3,000	20,000	60,000	15,000	50,000	4,000
38 40 10	1	100	150	12,500	22,000	8,000	65,000	110,000	40,000	10,000	8,000
	2	100	150	12,500	22,000	8,000	65,000	110,000	15,000	10,000	8,000
	3	100	150	12,500	22,000	8,000	50,000	110,000	15,000	10,000	8,000
	4	100	150	12,500	22,000	8,000	50,000	110,000	15,000	10,000	8,000
	5	100	150	12,500	22,000	8,000	50,000	110,000	15,000	10,000	8,000
	6	100	150	12,500	22,000	8,000	65,000	110,000	40,000	10,000	8,000
S 38	1	100	150	12,500	22,000	8,000	75,000	130,000	40,000	10,000	40,000
	2	100	150	12,500	22,000	8,000	75,000	130,000	15,000	10,000	40,000
	3	100	150	12,500	22,000	8,000	75,000	130,000	15,000	10,000	40,000
	4	100	150	12,500	22,000	8,000	75,000	130,000	15,000	10,000	40,000
	5	100	150	12,500	22,000	8,000	75,000	130,000	15,000	10,000	40,000
	6	100	150	12,500	22,000	8,000	75,000	130,000	40,000	10,000	40,000

*includes petrale sole areas

Mortality of Rebuilding and Target Species in the LE Btwl Fishery (mt)

		North	South	Total
Rebuilding Species	Canary	4.0	2.9	6.9
	POP	78.3	0.0	78.3
	Darkblotched	141.5	42.2	183.7
	Widow	0.9	0.1	1.0
	Bocaccio	0.0	48.2	48.2
	Yelloweye	0.1	0.1	0.2
	Cowcod	0.0	2.8	2.8
Target Species	Sablefish	1510.6	464.1	1974.8
	Longspine	298.9	584.5	883.5
	Shortspine	761.0	366.7	1127.7
	Dover	7364.9	2569.8	9934.7
	Arrowtooth	4538.5	51.3	4589.8
	Petrale	1585.7	269.4	1855.1
	Other Flat	444.6	730.5	1175.2
	Slope Rock	185.8	265.0	450.9

Table 4. Management measures and predicted impacts for 2007-2008 limited entry bottom trawl fisheries under Rebuilding Alternative 3 and OY Alternative 1 for target species.

RCA Boundaries and Trip Limits to accomplish Rebuilding Species OY Alternative 3 & Target Species OY Alternative 1

SUBAREA	PERIOD	RCA BOUNDARIES		CUMULATIVE LIMITS							
		INLINE	OUTLINE	SABLE-FISH	LONG-SPINE	SHORT-SPINE	DOVER	OTHER FLAT	PETRALE	ARROW-TOOTH	SLOPE ROCK
N 40 10	1	100	150	10,000	20,000	7,000	65,000	110,000	40,000	115,000	12,000
	2	100	150	10,000	20,000	7,000	65,000	110,000	13,000	115,000	12,000
	3	100	150	12,000	24,000	7,000	50,000	110,000	13,000	115,000	12,000
	4	100	150	12,000	24,000	7,000	50,000	110,000	13,000	115,000	12,000
	5	100	150	12,000	24,000	7,000	50,000	110,000	13,000	115,000	12,000
	6	100	150	10,000	20,000	7,000	65,000	110,000	40,000	115,000	12,000
N 40 10 SFFT	1	100	150	5,000	3,000	3,000	25,000	100,000	16,000	75,000	12,000
	2	100	150	7,000	3,000	3,000	25,000	100,000	13,000	75,000	12,000
	3	100	150	10,000	3,000	3,000	25,000	100,000	13,000	75,000	12,000
	4	100	150	10,000	3,000	3,000	25,000	100,000	13,000	75,000	12,000
	5	100	150	7,000	3,000	3,000	25,000	100,000	13,000	75,000	12,000
	6	100	150	5,000	3,000	3,000	25,000	100,000	16,000	75,000	12,000
38 40 10	1	100	150	11,000	22,000	7,000	65,000	110,000	40,000	10,000	20,000
	2	100	150	11,000	22,000	7,000	65,000	110,000	13,000	10,000	20,000
	3	100	150	11,000	22,000	7,000	50,000	110,000	13,000	10,000	20,000
	4	100	150	11,000	22,000	7,000	50,000	110,000	13,000	10,000	20,000
	5	100	150	11,000	22,000	7,000	50,000	110,000	13,000	10,000	20,000
	6	100	150	11,000	22,000	7,000	65,000	110,000	40,000	10,000	20,000
S 38	1	100	150	11,000	22,000	7,000	75,000	130,000	40,000	10,000	40,000
	2	100	150	11,000	22,000	7,000	75,000	130,000	13,000	10,000	40,000
	3	100	150	11,000	22,000	7,000	75,000	130,000	13,000	10,000	40,000
	4	100	150	11,000	22,000	7,000	75,000	130,000	13,000	10,000	40,000
	5	100	150	11,000	22,000	7,000	75,000	130,000	13,000	10,000	40,000
	6	100	150	11,000	22,000	7,000	75,000	130,000	40,000	10,000	40,000

Mortality of Rebuilding and Target Species in the LE Btwl Fishery (mt)

Rebuilding Species		North	South	Total
		Canary	9.1	2.9
POP		145.1	0.0	145.1
Darkblotched		242.5	43.4	286.0
Widow		1.8	0.1	1.9
Bocaccio		0.0	47.6	47.6
Yelloweye		0.1	0.1	0.2
Cowcod		0.0	2.7	2.7
Target Species	Sablefish	1512.1	420.4	1932.5
	Longspine	304.8	584.5	889.3
	Shortspine	829.7	320.8	1150.5
	Dover	7866.3	2569.8	10436.2
	Arrowtooth	5571.6	51.3	5622.8
	Petrale	1600.6	255.3	1855.8
	Other Flat	647.2	732.5	1379.8
	Slope Rock	752.6	424.5	1177.1

<--- note for this alternative, consider a midwater yellowtail/widow fishery with the following impacts:

	mortality (mt)	retained	revenue	retained	revenue
Yellowtail	1000	904.2	\$ 1,020,631	904.2	\$ 1,020,631
Canary	9.6	6.1	\$ 6,131	6.1	\$ 6,131
Darkblotched	0.9	0.9	\$ 868	0.9	\$ 868
POP	0.0	0.0	\$ 45	0.0	\$ 45
Widow	146.1	83.9	\$ 81,194	83.9	\$ 81,194
			\$ 1,108,869		\$ 1,108,869

Table 5. Management measures and predicted impacts for 2007-2008 limited entry bottom trawl fisheries under Rebuilding Alternative 4 and OY Alternative 1 for target species.

RCA Boundaries and Trip Limits to accomplish Rebuilding Species OY Alternative 4 & Target Species OY Alternative 1

SUBAREA	PERIOD	RCA BOUNDARIES		CUMULATIVE LIMITS							
		INLINE	OUTLINE	SABLE-FISH	LONG-SPINE	SHORT-SPINE	DOVER	OTHER FLAT	PETRALE	ARROW-TOOTH	SLOPE ROCK
N 40 10	1	0	150	11,000	20,000	7,000	65,000	130,000	70,000	130,000	12,000
	2	50	150	11,000	20,000	7,000	65,000	130,000	15,000	130,000	12,000
	3	60	150	13,000	24,000	7,000	65,000	130,000	15,000	130,000	12,000
	4	60	150	13,000	24,000	7,000	65,000	130,000	15,000	130,000	12,000
	5	50	150	13,000	24,000	7,000	65,000	130,000	15,000	130,000	12,000
	6	0	150	11,000	20,000	7,000	65,000	130,000	70,000	130,000	12,000
N 40 10 SFFT	1	0	150	0	0	0	0	0	0	0	0
	2	50	150	7,000	3,000	3,000	20,000	40,000	15,000	20,000	12,000
	3	60	150	11,000	3,000	3,000	20,000	40,000	15,000	20,000	12,000
	4	60	150	11,000	3,000	3,000	20,000	40,000	15,000	20,000	12,000
	5	50	150	7,000	3,000	3,000	20,000	40,000	15,000	20,000	12,000
	6	0	150	0	0	0	0	0	0	0	0
38 40 10	1	75	150	12,000	22,000	7,000	65,000	130,000	70,000	10,000	20,000
	2	75	150	12,000	22,000	7,000	65,000	130,000	15,000	10,000	20,000
	3	75	150	12,000	22,000	7,000	65,000	130,000	15,000	10,000	20,000
	4	75	150	12,000	22,000	7,000	65,000	130,000	15,000	10,000	20,000
	5	75	150	12,000	22,000	7,000	65,000	130,000	15,000	10,000	20,000
	6	75	150	12,000	22,000	7,000	65,000	130,000	70,000	10,000	20,000
S 38	1	100	150	12,000	22,000	7,000	65,000	130,000	70,000	10,000	40,000
	2	100	150	12,000	22,000	7,000	65,000	130,000	15,000	10,000	40,000
	3	100	150	12,000	22,000	7,000	65,000	130,000	15,000	10,000	40,000
	4	100	150	12,000	22,000	7,000	65,000	130,000	15,000	10,000	40,000
	5	100	150	12,000	22,000	7,000	65,000	130,000	15,000	10,000	40,000
	6	100	150	12,000	22,000	7,000	65,000	130,000	70,000	10,000	40,000

Mortality of Rebuilding and Target Species in the LE Btwl Fishery (mt)

		North	South	Total
Rebuilding Species	Canary	1.9	2.4	4.3
	POP	177.4	0.0	177.4
	Darkblotched	304.2	48.5	352.7
	Widow	2.0	0.1	2.1
	Bocaccio	0.0	25.6	25.6
	Yelloweye	0.1	0.1	0.2
	Cowcod	0.0	0.7	0.7
Target Species	Sablefish	1584.7	434.2	2018.9
	Longspine	310.2	584.5	894.7
	Shortspine	839.8	320.8	1160.6
	Dover	8980.6	2826.6	11807.1
	Arrowtooth	3617.5	26.6	3644.2
	Petrale	1555.8	258.7	1814.5
	Other Flat	618.2	819.9	1438.1
	Slope Rock	752.6	424.5	1177.1

Table 6. Management measures and predicted impacts for 2007-2008 limited entry bottom trawl fisheries under Rebuilding Alternative 5 and OY Alternatives 1 and 2 for target species¹.

RCA Boundaries and Trip Limits to accomplish Rebuilding Species OY Alternative 5 & Target Species OY Alternative 1 & 2

SUBAREA	PERIOD	RCA BOUNDARIES		CUMULATIVE LIMITS							
		INLINE	OUTLINE	SABLE-FISH	LONG-SPINE	SHORT-SPINE	DOVER	OTHER FLAT	PETRALE	ARROW-TOOTH	SLOPE ROCK
N 40 10	1	75	200*	11,000	7,000	3,000	65,000	70,000	50,000	30,000	2,000
	2	50	250	11,000	7,000	3,000	20,000	30,000	15,000	30,000	2,000
	3	60	250	13,000	7,000	3,000	20,000	30,000	15,000	30,000	2,000
	4	60	250	13,000	7,000	3,000	20,000	30,000	15,000	30,000	2,000
	5	50	250	13,000	7,000	3,000	20,000	30,000	15,000	30,000	2,000
	6	75	200*	11,000	7,000	3,000	65,000	70,000	50,000	30,000	2,000
N 40 10 SFFT	1	75	200*	7,000	3,000	3,000	20,000	30,000	15,000	30,000	2,000
	2	50	250	7,000	3,000	3,000	20,000	30,000	15,000	30,000	2,000
	3	60	250	11,000	3,000	3,000	20,000	30,000	15,000	30,000	2,000
	4	60	250	11,000	3,000	3,000	20,000	30,000	15,000	30,000	2,000
	5	50	250	7,000	3,000	3,000	20,000	30,000	15,000	30,000	2,000
	6	75	200*	7,000	3,000	3,000	20,000	30,000	15,000	30,000	2,000
38 40 10	1	75	150	12,000	22,000	7,000	20,000	70,000	50,000	10,000	4,000
	2	75	150	12,000	22,000	7,000	20,000	70,000	15,000	10,000	4,000
	3	75	150	12,000	22,000	7,000	20,000	70,000	15,000	10,000	4,000
	4	75	150	12,000	22,000	7,000	20,000	70,000	15,000	10,000	4,000
	5	75	150	12,000	22,000	7,000	20,000	70,000	15,000	10,000	4,000
	6	75	150	12,000	22,000	7,000	65,000	70,000	50,000	10,000	4,000
S 38	1	75	150	12,000	22,000	7,000	65,000	70,000	50,000	10,000	40,000
	2	75	150	12,000	22,000	7,000	20,000	70,000	15,000	10,000	40,000
	3	75	150	12,000	22,000	7,000	20,000	70,000	15,000	10,000	40,000
	4	75	150	12,000	22,000	7,000	20,000	70,000	15,000	10,000	40,000
	5	75	150	12,000	22,000	7,000	20,000	70,000	15,000	10,000	40,000
	6	75	150	12,000	22,000	7,000	65,000	70,000	50,000	10,000	40,000

*includes petrale sole areas

Mortality of Rebuilding and Target Species in the LE Btwl Fishery (mt)

		North	South	Total
Rebuilding Species	Canary	1.2	1.7	2.8
	POP	61.7	0.0	61.7
	Darkblotched	94.6	28.9	123.5
	Widow	0.8	0.0	0.8
	Bocaccio	0.0	16.2	16.2
	Yelloweye	0.1	0.1	0.1
	Cowcod	0.0	0.4	0.4
Target Species	Sablefish	1468.2	432.9	1901.0
	Longspine	177.3	584.5	761.8
	Shortspine	345.1	320.8	665.9
	Dover	4868.5	1395.9	6264.4
	Arrowtooth	2934.6	26.7	2961.2
	Petrale	1428.6	251.9	1680.4
	Other Flat	315.1	420.8	735.8
	Slope Rock	139.4	222.5	361.8

¹ None of the target species OYs under OY Alternative 2 and only some of the target species OYs under OY Alternative 1 could be attained under Rebuilding Alternative 5.

Table 7. Management measures and predicted impacts for 2007-2008 limited entry bottom trawl fisheries under Rebuilding Alternative 1 and OY Alternative 2 for target species.

RCA Boundaries and Trip Limits to accomplish Rebuilding Species OY Alternative 1 & Target Species OY Alternative 2

SUBAREA	PERIOD	RCA BOUNDARIES		CUMULATIVE LIMITS							
		INLINE	OUTLINE	SABLE-FISH	LONG-SPINE	SHORT-SPINE	DOVER	OTHER FLAT	PETRALE	ARROW-TOOTH	SLOPE ROCK
N 40 10	1	0	200*	14,000	22,000	8,000	75,000	110,000	120,000	120,000	8,000
	2	50	180	14,000	22,000	8,000	75,000	110,000	35,000	120,000	8,000
	3	50	180	17,000	24,000	8,000	70,000	110,000	35,000	120,000	8,000
	4	60	180	17,000	24,000	8,000	70,000	110,000	35,000	120,000	8,000
	5	50	180	17,000	24,000	8,000	70,000	110,000	35,000	120,000	8,000
	6	0	200*	14,000	22,000	8,000	75,000	110,000	120,000	120,000	8,000
N 40 10 SFFT	1	0	200*	0	0	0	0	0	0	0	0
	2	50	180	9,000	3,000	3,000	24,000	40,000	25,000	40,000	8,000
	3	50	180	11,000	3,000	3,000	24,000	40,000	25,000	40,000	8,000
	4	60	180	11,000	3,000	3,000	24,000	40,000	25,000	40,000	8,000
	5	50	180	9,000	3,000	3,000	24,000	40,000	25,000	40,000	8,000
	6	0	200*	0	0	0	0	0	0	0	0
38 40 10	1	75	150	15,500	23,000	8,000	75,000	110,000	120,000	10,000	15,000
	2	60	150	15,500	23,000	8,000	75,000	110,000	35,000	10,000	15,000
	3	75	150	15,500	23,000	8,000	70,000	110,000	35,000	10,000	15,000
	4	100	150	15,500	23,000	8,000	70,000	110,000	35,000	10,000	15,000
	5	60	150	15,500	23,000	8,000	70,000	110,000	35,000	10,000	15,000
	6	75	150	15,500	23,000	8,000	75,000	110,000	120,000	10,000	15,000
S 38	1	75	150	15,500	23,000	8,000	75,000	110,000	120,000	10,000	40,000
	2	100	150	15,500	23,000	8,000	75,000	110,000	35,000	10,000	40,000
	3	100	150	15,500	23,000	8,000	70,000	110,000	35,000	10,000	40,000
	4	100	150	15,500	23,000	8,000	70,000	110,000	35,000	10,000	40,000
	5	100	150	15,500	23,000	8,000	70,000	110,000	35,000	10,000	40,000
	6	75	150	15,500	23,000	8,000	75,000	110,000	120,000	10,000	40,000

*includes petrale sole areas

Mortality of Rebuilding and Target Species in the LE Btwl Fishery (mt)

		North	South	Total
Rebuilding Species	Canary	1.4	2.4	3.8
	POP	146.7	0.0	146.7
	Darkblotched	268.8	50.9	319.8
	Widow	1.8	0.1	1.9
	Bocaccio	0.0	30.6	30.6
	Yelloweye	0.1	0.1	0.2
	Cowcod	0.0	1.3	1.3
Target Species	Sablefish	2013.9	560.4	2574.3
	Longspine	324.4	611.1	935.5
	Shortspine	934.4	366.7	1301.1
	Dover	9961.9	3103.5	13065.4
	Arrowtooth	3278.4	27.1	3305.5
	Petrale	1765.8	337.6	2103.3
	Other Flat	503.0	672.9	1175.9
	Slope Rock	463.2	350.7	813.9

Table 8. Management measures and predicted impacts for 2007-2008 limited entry bottom trawl fisheries under Rebuilding Alternative 2 and OY Alternative 2 for target species.

RCA Boundaries and Trip Limits to accomplish Rebuilding Species OY Alternative 2 & Target Species OY Alternative 2

SUBAREA	PERIOD	RCA BOUNDARIES		CUMULATIVE LIMITS							
		INLINE	OUTLINE	SABLE-FISH	LONG-SPINE	SHORT-SPINE	DOVER	OTHER FLAT	PETRALE	ARROW-TOOTH	SLOPE ROCK
N 40 10	1	75	200*	14,000	22,000	8,000	65,000	30,000	120,000	30,000	4,000
	2	75	250	14,000	22,000	8,000	65,000	30,000	35,000	30,000	4,000
	3	75	250	17,000	24,000	8,000	65,000	30,000	35,000	30,000	4,000
	4	100	200	17,000	24,000	8,000	65,000	30,000	35,000	30,000	4,000
	5	75	250	17,000	24,000	8,000	65,000	30,000	35,000	30,000	4,000
	6	75	200*	14,000	22,000	8,000	65,000	30,000	120,000	30,000	4,000
N 40 10 SFFT	1	75	200*	5,000	3,000	3,000	20,000	60,000	16,000	40,000	4,000
	2	75	250	7,000	3,000	3,000	20,000	60,000	25,000	40,000	4,000
	3	75	250	11,000	3,000	3,000	22,000	60,000	25,000	40,000	4,000
	4	100	200	11,000	3,000	3,000	22,000	60,000	25,000	40,000	4,000
	5	75	250	7,000	3,000	3,000	20,000	60,000	25,000	40,000	4,000
	6	75	200*	5,000	3,000	3,000	20,000	60,000	16,000	40,000	4,000
38 40 10	1	100	150	15,500	23,000	8,000	75,000	110,000	120,000	10,000	8,000
	2	100	150	15,500	23,000	8,000	75,000	110,000	35,000	10,000	8,000
	3	100	150	15,500	23,000	8,000	70,000	110,000	35,000	10,000	8,000
	4	100	150	15,500	23,000	8,000	70,000	110,000	35,000	10,000	8,000
	5	100	150	15,500	23,000	8,000	70,000	110,000	35,000	10,000	8,000
	6	100	150	15,500	23,000	8,000	75,000	110,000	120,000	10,000	8,000
S 38	1	100	150	15,500	23,000	8,000	75,000	130,000	120,000	10,000	40,000
	2	100	150	15,500	23,000	8,000	75,000	130,000	35,000	10,000	40,000
	3	100	150	15,500	23,000	8,000	70,000	130,000	35,000	10,000	40,000
	4	100	150	15,500	23,000	8,000	70,000	130,000	35,000	10,000	40,000
	5	100	150	15,500	23,000	8,000	70,000	130,000	35,000	10,000	40,000
	6	100	150	15,500	23,000	8,000	75,000	130,000	120,000	10,000	40,000

*includes petrale sole areas

Mortality of Rebuilding and Target Species in the LE Btwl Fishery (mt)

		North	South	Total
Rebuilding Species	Canary	4.1	3.2	7.2
	POP	78.2	0.0	78.2
	Darkblotched	147.9	49.9	197.9
	Widow	0.9	0.1	0.9
	Bocaccio	0.0	52.2	52.2
	Yelloweye	0.1	0.1	0.2
	Cowcod	0.0	3.0	3.0
Target Species	Sablefish	1853.1	575.5	2428.7
	Longspine	313.2	611.1	924.3
	Shortspine	865.8	366.7	1232.5
	Dover	8268.1	2934.6	11202.7
	Arrowtooth	3912.6	51.3	3963.9
	Petrale	2087.3	380.9	2468.3
	Other Flat	166.8	707.9	874.7
	Slope Rock	185.8	265.0	450.9

Table 9. Management measures and predicted impacts for 2007-2008 limited entry bottom trawl fisheries under Rebuilding Alternative 3 and OY Alternative 2 for target species.

RCA Boundaries and Trip Limits to accomplish Rebuilding Species OY Alternative 3 & Target Species OY Alternative 2

SUBAREA	PERIOD	RCA BOUNDARIES		CUMULATIVE LIMITS							
		INLINE	OUTLINE	SABLE-FISH	LONG-SPINE	SHORT-SPINE	DOVER	OTHER FLAT	PETRALE	ARROW-TOOTH	SLOPE ROCK
N 40 10	1	75	150	14,000	22,000	9,000	75,000	110,000	65,000	80,000	12,000
	2	100	150	14,000	22,000	9,000	75,000	110,000	26,000	80,000	12,000
	3	100	150	16,000	24,000	9,000	70,000	110,000	26,000	80,000	12,000
	4	100	150	16,000	24,000	9,000	70,000	110,000	26,000	80,000	12,000
	5	100	150	16,000	24,000	9,000	70,000	110,000	26,000	80,000	12,000
	6	75	150	14,000	22,000	9,000	75,000	110,000	65,000	80,000	12,000
N 40 10 SFFT	1	75	150	14,000	22,000	9,000	75,000	110,000	65,000	80,000	12,000
	2	100	150	14,000	22,000	9,000	75,000	110,000	26,000	80,000	12,000
	3	100	150	16,000	24,000	9,000	70,000	110,000	26,000	80,000	12,000
	4	100	150	16,000	24,000	9,000	70,000	110,000	26,000	80,000	12,000
	5	100	150	16,000	24,000	9,000	70,000	110,000	26,000	80,000	12,000
	6	75	150	14,000	22,000	9,000	75,000	110,000	65,000	80,000	12,000
38 40 10	1	100	150	15,000	23,000	9,000	75,000	110,000	65,000	10,000	20,000
	2	100	150	15,000	23,000	9,000	75,000	110,000	26,000	10,000	20,000
	3	100	150	15,000	23,000	9,000	70,000	110,000	26,000	10,000	20,000
	4	100	150	15,000	23,000	9,000	70,000	110,000	26,000	10,000	20,000
	5	100	150	15,000	23,000	9,000	70,000	110,000	26,000	10,000	20,000
	6	100	150	15,000	23,000	9,000	75,000	110,000	65,000	10,000	20,000
S 38	1	100	150	15,000	23,000	9,000	75,000	130,000	65,000	10,000	40,000
	2	100	150	15,000	23,000	9,000	75,000	130,000	26,000	10,000	40,000
	3	100	150	15,000	23,000	9,000	70,000	130,000	26,000	10,000	40,000
	4	100	150	15,000	23,000	9,000	70,000	130,000	26,000	10,000	40,000
	5	100	150	15,000	23,000	9,000	70,000	130,000	26,000	10,000	40,000
	6	100	150	15,000	23,000	9,000	75,000	130,000	65,000	10,000	40,000

Mortality of Rebuilding and Target Species in the LE Btwl Fishery (mt)

Rebuilding Species		North	South	Total
		Canary	10.2	3.1
POP		172.3	0.0	172.3
Darkblotched		290.0	52.1	342.1
Widow		2.1	0.1	2.2
Bocaccio		0.0	51.0	51.0
Yelloweye		0.1	0.1	0.2
Cowcod		0.0	2.9	2.9
Target Species	Sablefish	2026.3	557.0	2583.3
	Longspine	321.5	611.1	932.6
	Shortspine	1076.9	412.5	1489.4
	Dover	11117.9	2934.6	14052.5
	Arrowtooth	5686.5	51.3	5737.7
	Petrale	2133.7	343.9	2477.5
	Other Flat	643.0	717.0	1359.9
	Slope Rock	752.6	424.5	1177.1

<--- note for this alternative, consider a midwater yellowtail/widow fishery with the following impacts:

	mortality (mt)	retained	revenue
Yellowtail	1000	904.2	\$ 1,020,631
Canary	9.6	6.1	\$ 6,131
Darkblotched	0.9	0.9	\$ 868
POP	0.0	0.0	\$ 45
Widow	146.1	83.9	\$ 81,194
			\$ 1,108,869

Table 10. Management measures and predicted impacts for 2007-2008 limited entry bottom trawl fisheries under Rebuilding Alternative 4 and OY Alternative 2 for target species.

RCA Boundaries and Trip Limits to accomplish Rebuilding Species OY Alternative 4 & Target Species OY Alternative 2

SUBAREA	PERIOD	RCA BOUNDARIES		CUMULATIVE LIMITS							
		INLINE	OUTLINE	SABLE-FISH	LONG-SPINE	SHORT-SPINE	DOVER	OTHER FLAT	PETRALE	ARROW-TOOTH	SLOPE ROCK
N 40 10	1	0	150	14,000	22,000	8,000	75,000	130,000	140,000	120,000	12,000
	2	50	150	14,000	22,000	8,000	75,000	130,000	35,000	120,000	12,000
	3	60	150	17,000	24,000	8,000	70,000	130,000	35,000	120,000	12,000
	4	60	150	17,000	24,000	8,000	70,000	130,000	35,000	120,000	12,000
	5	50	150	17,000	24,000	8,000	70,000	130,000	35,000	120,000	12,000
	6	0	150	14,000	22,000	8,000	75,000	130,000	140,000	120,000	12,000
N 40 10 SFFT	1	0	150	0	0	0	0	0	0	0	0
	2	50	150	9,000	3,000	3,000	24,000	40,000	30,000	40,000	12,000
	3	60	150	11,000	3,000	3,000	24,000	40,000	30,000	40,000	12,000
	4	60	150	11,000	3,000	3,000	24,000	40,000	30,000	40,000	12,000
	5	50	150	9,000	3,000	3,000	24,000	40,000	30,000	40,000	12,000
	6	0	150	0	0	0	0	0	0	0	0
38 40 10	1	75	150	15,500	23,000	8,000	75,000	130,000	140,000	10,000	20,000
	2	75	150	15,500	23,000	8,000	75,000	130,000	35,000	10,000	20,000
	3	75	150	15,500	23,000	8,000	70,000	130,000	35,000	10,000	20,000
	4	75	150	15,500	23,000	8,000	70,000	130,000	35,000	10,000	20,000
	5	75	150	15,500	23,000	8,000	70,000	130,000	35,000	10,000	20,000
	6	75	150	15,500	23,000	8,000	75,000	130,000	140,000	10,000	20,000
S 38	1	100	150	15,500	23,000	8,000	80,000	130,000	140,000	10,000	40,000
	2	100	150	15,500	23,000	8,000	80,000	130,000	35,000	10,000	40,000
	3	100	150	15,500	23,000	8,000	80,000	130,000	35,000	10,000	40,000
	4	100	150	15,500	23,000	8,000	80,000	130,000	35,000	10,000	40,000
	5	100	150	15,500	23,000	8,000	80,000	130,000	35,000	10,000	40,000
	6	100	150	15,500	23,000	8,000	80,000	130,000	140,000	10,000	40,000

Mortality of Rebuilding and Target Species in the LE Btwl Fishery (mt)

		North	South	Total
Rebuilding Species	Canary	2.1	2.6	4.7
	POP	194.3	0.0	194.3
	Darkblotched	331.5	53.2	384.7
	Widow	2.3	0.1	2.3
	Bocaccio	0.0	27.3	27.3
	Yelloweye	0.1	0.1	0.2
	Cowcod	0.0	0.8	0.8
Target Species	Sablefish	2060.5	556.7	2617.1
	Longspine	324.6	611.1	935.7
	Shortspine	964.2	366.7	1330.8
	Dover	10079.5	3255.6	13335.0
	Arrowtooth	3800.2	26.6	3826.9
	Petrale	1869.5	334.2	2203.8
	Other Flat	610.6	807.1	1417.7
	Slope Rock	752.6	424.5	1177.1

Table 11. Predicted impacts (mt) and exvessel revenues (\$) for 2007-2008 limited entry whiting trawl fisheries by whiting trawl sector and a range of possible U.S. whiting OYs with no depth restrictions.

2007-2008 Pacific Whiting Alternatives

Estimated bycatch with no fm line restriction (mt)

U.S. Whiting OY (mt)	Sector	Allocations	Exvessel Rev	Canary	Darkblotched	POP	Widow	Yelloweye
349,790	Tribal	35,000	4,089,570	1.6	0.0	0.6	6.0	-
	Mothership	75,070	8,771,497	4.5	6.3	1.3	38.8	0.0
	CP	106,349	12,426,287	1.0	8.4	4.0	67.4	0.0
	Shoreside	131,372	15,350,120	1.9	7.0	2.4	57.5	0.0
	Total	347,790	40,637,474	8.9	21.8	8.3	169.8	0.0
300,000	Tribal	35,000	4,089,570	1.6	0.0	0.6	6.0	-
	Mothership	63,120	7,375,248	3.8	5.3	1.1	32.6	0.0
	CP	89,420	10,448,267	0.8	7.1	3.3	56.7	0.0
	Shoreside	110,460	12,906,683	1.6	5.9	2.0	48.3	0.0
	Total	298,000	34,819,768	7.8	18.3	7.1	143.7	0.0
250,000	Tribal	32,500	3,797,458	1.5	0.0	0.6	5.6	-
	Mothership	51,720	6,043,216	3.1	4.3	0.9	26.7	0.0
	CP	73,270	8,561,223	0.7	5.8	2.7	46.5	0.0
	Shoreside	90,510	10,575,628	1.3	4.8	1.6	39.6	0.0
	Total	248,000	28,977,525	6.5	15.0	5.9	118.4	0.0
200,000	Tribal	27,500	3,213,234	1.2	0.0	0.5	4.8	-
	Mothership	40,920	4,781,292	2.5	3.4	0.7	21.2	0.0
	CP	57,970	6,773,497	0.5	4.6	2.2	36.8	0.0
	Shoreside	71,610	8,367,260	1.0	3.8	1.3	31.3	0.0
	Total	198,000	23,135,282	5.2	11.9	4.7	94.0	0.0
188,348	Tribal	27,500	3,213,234	1.2	0.0	0.5	4.8	-
	Mothership	38,124	4,454,537	2.3	3.2	0.7	19.7	0.0
	CP	54,008	6,310,595	0.5	4.3	2.0	34.2	0.0
	Shoreside	66,716	7,795,440	0.9	3.6	1.2	29.2	0.0
	Total	186,348	21,773,806	5.0	11.1	4.4	87.9	0.0
120,000	Tribal	21,000	2,453,742	0.9	0.0	0.4	3.6	-
	Mothership	23,280	2,720,148	1.4	1.9	0.4	12.0	0.0
	CP	32,980	3,853,543	0.3	2.6	1.2	20.9	0.0
	Shoreside	40,740	4,760,260	0.6	2.2	0.7	17.8	0.0
	Total	118,000	13,787,693	3.2	6.8	2.8	54.4	0.0

Table 12. Predicted impacts (mt) and exvessel revenues (\$) for 2007-2008 limited entry whiting trawl fisheries by whiting trawl sector and a range of possible U.S. whiting OYs with a 100 fm depth restriction.

2007-2008 Pacific Whiting Alternatives

Estimated bycatch with 100 fm line restriction (mt)

U.S. Whiting OY (mt)	Sector	Allocations	Exvessel Rev	Canary	Darkblotched	POP	Widow	Yelloweye
349,790	Tribal	35,000	4,089,570	1.6	0.0	0.6	6.0	-
	Mothership	75,070	8,771,497	4.7	6.7	1.4	40.0	0.0
	CP	106,349	12,426,287	0.9	8.0	4.0	66.1	0.0
	Shoreside	131,372	15,350,120	3.4	11.8	4.9	95.5	0.0
	Total	347,790	40,637,474	10.6	26.6	10.9	207.6	0.0
300,000	Tribal	35,000	4,089,570	1.6	0.0	0.6	6.0	-
	Mothership	63,120	7,375,248	4.0	5.7	1.2	33.6	0.0
	CP	89,420	10,448,267	0.8	6.7	3.3	55.6	0.0
	Shoreside	110,460	12,906,683	2.8	9.9	4.1	80.3	0.0
	Total	298,000	34,819,768	9.2	22.3	9.2	175.5	0.0
250,000	Tribal	32,500	3,797,458	1.5	0.0	0.6	5.6	-
	Mothership	51,720	6,043,216	3.3	4.6	0.9	27.5	0.0
	CP	73,270	8,561,223	0.6	5.5	2.7	45.5	0.0
	Shoreside	90,510	10,575,628	2.3	8.1	3.4	65.8	0.0
	Total	248,000	28,977,525	7.7	18.3	7.6	144.5	0.0
200,000	Tribal	27,500	3,213,234	1.2	0.0	0.5	4.8	-
	Mothership	40,920	4,781,292	2.6	3.7	0.7	21.8	0.0
	CP	57,970	6,773,497	0.5	4.4	2.2	36.0	0.0
	Shoreside	71,610	8,367,260	1.8	6.4	2.7	52.1	0.0
	Total	198,000	23,135,282	6.1	14.5	6.1	114.6	0.0
188,348	Tribal	27,500	3,213,234	1.2	0.0	0.5	4.8	-
	Mothership	38,124	4,454,537	2.4	3.4	0.7	20.3	0.0
	CP	54,008	6,310,595	0.5	4.1	2.0	33.6	0.0
	Shoreside	66,716	7,795,440	1.7	6.0	2.5	48.5	0.0
	Total	186,348	21,773,806	5.8	13.5	5.7	107.1	0.0
120,000	Tribal	21,000	2,453,742	0.9	0.0	0.4	3.6	-
	Mothership	23,280	2,720,148	1.5	2.1	0.4	12.4	0.0
	CP	32,980	3,853,543	0.3	2.5	1.2	20.5	0.0
	Shoreside	40,740	4,760,260	1.0	3.7	1.5	29.6	0.0
	Total	118,000	13,787,693	3.7	8.2	3.6	66.1	0.0

Table 13. Predicted impacts (mt) and exvessel revenues (\$) for 2007-2008 limited entry whiting trawl fisheries by whiting trawl sector and a range of possible U.S. whiting OYs with a 125 fm depth restriction.

2007-2008 Pacific Whiting Alternatives

Estimated bycatch with 125 fm line restriction (mt)

U.S. Whiting OY (mt)	Sector	Allocations	Exvessel Rev	Canary	Darkblotched	POP	Widow	Yelloweye
349,790	Tribal	35,000	4,089,570	1.6	0.0	0.6	6.0	-
	Mothership	75,070	8,771,497	6.1	5.5	1.6	35.5	0.0
	CP	106,349	12,426,287	0.7	7.2	2.4	67.6	0.0
	Shoreside	131,372	15,350,120	2.7	9.7	3.0	89.2	0.0
	Total	347,790	40,637,474	11.1	22.4	7.7	198.4	0.0
300,000	Tribal	35,000	4,089,570	1.6	0.0	0.6	6.0	-
	Mothership	63,120	7,375,248	5.1	4.6	1.3	29.8	0.0
	CP	89,420	10,448,267	0.6	6.1	2.0	56.9	0.0
	Shoreside	110,460	12,906,683	2.3	8.1	2.5	75.0	0.0
	Total	298,000	34,819,768	9.6	18.9	6.5	167.8	0.0
250,000	Tribal	32,500	3,797,458	1.5	0.0	0.6	5.6	-
	Mothership	51,720	6,043,216	4.2	3.8	1.1	24.5	0.0
	CP	73,270	8,561,223	0.5	5.0	1.7	46.6	0.0
	Shoreside	90,510	10,575,628	1.9	6.7	2.1	61.5	0.0
	Total	248,000	28,977,525	8.0	15.5	5.4	138.1	0.0
200,000	Tribal	27,500	3,213,234	1.2	0.0	0.5	4.8	-
	Mothership	40,920	4,781,292	3.3	3.0	0.9	19.3	0.0
	CP	57,970	6,773,497	0.4	3.9	1.3	36.9	0.0
	Shoreside	71,610	8,367,260	1.5	5.3	1.6	48.6	0.0
	Total	198,000	23,135,282	6.4	12.2	4.3	109.6	0.0
188,348	Tribal	27,500	3,213,234	1.2	0.0	0.5	4.8	-
	Mothership	38,124	4,454,537	3.1	2.8	0.8	18.0	0.0
	CP	54,008	6,310,595	0.4	3.7	1.2	34.3	0.0
	Shoreside	66,716	7,795,440	1.4	4.9	1.5	45.3	0.0
	Total	186,348	21,773,806	6.1	11.4	4.1	102.4	0.0
120,000	Tribal	21,000	2,453,742	0.9	0.0	0.4	3.6	-
	Mothership	23,280	2,720,148	1.9	1.7	0.5	11.0	0.0
	CP	32,980	3,853,543	0.2	2.2	0.8	21.0	0.0
	Shoreside	40,740	4,760,260	0.8	3.0	0.9	27.7	0.0
	Total	118,000	13,787,693	3.9	7.0	2.6	63.3	0.0

Table 14. Predicted impacts (mt) and exvessel revenues (\$) for 2007-2008 limited entry whiting trawl fisheries by whiting trawl sector and a range of possible U.S. whiting OYs with a 150 fm depth restriction.

2007-2008 Pacific Whiting Alternatives

Estimated bycatch with 150 fm line restriction (mt)

U.S. Whiting OY (mt)	Sector	Allocations	Exvessel Rev	Canary	Darkblotched	POP	Widow	Yelloweye
349,790	Tribal	35,000	4,089,570	1.6	0.0	0.6	6.0	-
	Mothership	75,070	8,771,497	0.6	5.7	2.0	32.0	0.0
	CP	106,349	12,426,287	0.5	5.9	1.7	95.4	0.0
	Shoreside	131,372	15,350,120	0.6	9.9	3.5	57.5	0.0
	Total	347,790	40,637,474	3.4	21.5	7.9	190.9	0.0
300,000	Tribal	35,000	4,089,570	1.6	0.0	0.6	6.0	-
	Mothership	63,120	7,375,248	0.5	4.8	1.7	26.9	0.0
	CP	89,420	10,448,267	0.4	4.9	1.5	80.2	0.0
	Shoreside	110,460	12,906,683	0.5	8.4	2.9	48.3	0.0
	Total	298,000	34,819,768	3.1	18.1	6.7	161.5	0.0
250,000	Tribal	32,500	3,797,458	1.5	0.0	0.6	5.6	-
	Mothership	51,720	6,043,216	0.4	3.9	1.4	22.1	0.0
	CP	73,270	8,561,223	0.4	4.0	1.2	65.7	0.0
	Shoreside	90,510	10,575,628	0.4	6.8	2.4	39.6	0.0
	Total	248,000	28,977,525	2.7	14.8	5.6	133.0	0.0
200,000	Tribal	27,500	3,213,234	1.2	0.0	0.5	4.8	-
	Mothership	40,920	4,781,292	0.3	3.1	1.1	17.5	0.0
	CP	57,970	6,773,497	0.3	3.2	0.9	52.0	0.0
	Shoreside	71,610	8,367,260	0.4	5.4	1.9	31.3	0.0
	Total	198,000	23,135,282	2.2	11.7	4.4	105.5	0.0
188,348	Tribal	27,500	3,213,234	1.2	0.0	0.5	4.8	-
	Mothership	38,124	4,454,537	0.3	2.9	1.0	16.3	0.0
	CP	54,008	6,310,595	0.3	3.0	0.9	48.4	0.0
	Shoreside	66,716	7,795,440	0.3	5.0	1.8	29.2	0.0
	Total	186,348	21,773,806	2.1	10.9	4.2	98.6	0.0
120,000	Tribal	21,000	2,453,742	0.9	0.0	0.4	3.6	-
	Mothership	23,280	2,720,148	0.2	1.8	0.6	9.9	0.0
	CP	32,980	3,853,543	0.2	1.8	0.5	29.6	0.0
	Shoreside	40,740	4,760,260	0.2	3.1	1.1	17.8	0.0
	Total	118,000	13,787,693	1.5	6.7	2.6	61.0	0.0

Table 15. Sablefish total catch (mt) allocations for 2007-2008 under sablefish OY Alternatives 1 and 2.

Overview of sablefish total catch allocations to fishery sectors for 2007 and 2008.

	N. of Conception		
	OY Alt. 1 (mt)	OY Alt. 2 (mt)	
Total catch OY (mt)	4,411	5,723	
Tribal Total catch allocated (mt)	441	572	
Compensation research	48	86	These values were previously: 53 53
Non-groundfish+rec	19	19	
Commercial total catch OY (mt)	3,903	5,046	

Commercial catch OY divided by gear

OA Total catch allocated (mt)	367	474
LE Trawl Total catch allocated (mt)	2,051	2,651
At-sea bycatch	53	53
Shoreside total catch target	1,998	2,598
LE fixed-gear Total catch allocated (mt)	1,485	1,920

Table 17. Sablefish primary fishery tier limits and projected bycatch of depleted species associated with all sablefish catch in the 2007-2008 limited entry fixed-gear and open access fisheries under draft Alternative 2 (sablefish OY Alternative 2 and status quo RCA).

LE FG	Seaward boundary of RCA at 100 fm North of 8,727,732 40o10' and at 150 fm South of 40o10'				OA	Seaward boundary of RCA at 100 fm North of 2,156,015 40o10' and at 150 fm South of 40o10'				
	Coastwide summary	Gear rates and bycatch		Combined bycatch		Coastwide summary	Gear rates and bycatch		Combined bycatch	
	Longline	Pot		Longline	Pot					
Total catch allocated (mt)	1,920				474					
Observed sablefish discard rate	15.91%	14.89%	18.00%	15.91%	14.89%	18.00%				
Discard mortality percentage of landed mt + discarded mt	3.65%	3.39%	4.207%	3.65%	3.39%	4.207%			Total Landed Catch (mt)	
Assumed discard mortality (mt)	70			17						
Landed catch target (mt)	1,850			457					2,307	
Amount allocated to: DTL (mt)	277			69						
Primary fishery (mt)	1,572									
Primary fishery tier limits (lb)										
Tier 1	48,479	48,500								
Tier 2	22,036	22,000								
Tier 3	12,592	12,600								
Percent of total catch, by area	100%			100%						
Percent of area catch, by gear		63.2%	36.9%		63.2%	36.9%				
Estimated distribution of total catch, by	1,920	1,212	708	474	300	175				
Bycatch ratios ²										
Lingcod		0.368%	0.148%		0.368%	0.148%				
Widow rockfish		0.001%	0.000%		0.001%	0.000%				
Canary rockfish		0.036%	0.000%		0.036%	0.000%				
Yelloweye rockfish		0.081%	0.000%		0.081%	0.000%				
Bocaccio rockfish ⁴		0.000%	0.000%		0.000%	0.000%				
Cowcod rockfish ⁴		0.000%	0.000%		0.000%	0.000%				
Pacific ocean perch		0.018%	0.000%		0.018%	0.000%				
Darkblotched rockfish		0.045%	0.009%		0.045%	0.009%				
Projected bycatch impacts (mt)									Total bycatch impacts (mt)	
Lingcod		4.5	1.0	5.5		1.1	0.3	1.4	6.9	
Widow rockfish		0.0	0.0	0.0		0.0	0.0	0.0	0.0	
Canary rockfish		0.4	0.0	0.4		0.1	0.0	0.1	0.5	
Yelloweye rockfish		1.0	0.0	1.0		0.2	0.0	0.2	1.2	
Bocaccio rockfish ⁴		0.0	0.0	0.0		0.0	0.0	0.0	0.0	
Cowcod rockfish ⁴		0.0	0.0	0.0		0.0	0.0	0.0	0.0	
Pacific ocean perch		0.2	0.0	0.2		0.1	0.0	0.1	0.3	
Darkblotched rockfish		0.6	0.1	0.6		0.1	0.0	0.2	0.8	

¹ As in previous years, the rate of mortality for discarded sablefish in the fixed-gear fishery is assumed to be 20%.

² The bycatch ratios are calculated by dividing the total catch of each species by the total poundage of sablefish that was caught.

⁴ Please note that the observer data on which these rates are based include no observations from south of Ft. Bragg, CA, so these are likely underestimates of true bycatch.

Table 18. Sablefish primary fishery tier limits and projected bycatch of depleted species associated with all sablefish catch in the 2007-2008 limited entry fixed-gear and open access fisheries under draft Alternative 3 (sablefish OY Alternative 1 and the northern RCA seaward boundary extended to 150 fm).

LE FG	Seaward boundary of RCA at 150 fm North of 40o10' and at 150 fm South of 40°10'				OA	Seaward boundary of RCA at 150 fm North of 40o10' and at 150 fm South of 40°10'			
	Coastwide summary	Gear rates and bycatch Longline	Pot	Combined bycatch		Coastwide summary	Gear rates and bycatch Longline	Pot	Combined bycatch
Total catch allocated (mt)	1,485				367				
Observed sablefish discard rate	15.91%	14.89%	18.00%		15.91%	14.89%	18.00%		
Discard mortality percentage of landed mt + discarded mt	3.65%	3.39%	4.207%		3.65%	3.39%	4.207%		
Assumed discard mortality (mt)	54				13				
Landed catch target (mt)	1,431				353				
Amount allocated to: DTL (mt)	215				53				
Primary fishery (mt)	1,216								
Primary fishery tier limits (lb)									
Tier 1	37,497	37,500							
Tier 2	17,044	17,000							
Tier 3	9,740	9,700							
Percent of total catch, by area	100%				100%				
Percent of area catch, by gear		63.2%	36.9%			63.2%	36.9%		
Estimated distribution of total catch, by	1,485	938	547		367	232	135		
Bycatch ratios ²									
Lingcod		0.228%	0.272%			0.228%	0.272%		
Widow rockfish		0.000%	0.000%			0.000%	0.000%		
Canary rockfish		0.008%	0.000%			0.008%	0.000%		
Yelloweye rockfish		0.030%	0.000%			0.030%	0.000%		
Bocaccio rockfish ⁴		0.000%	0.000%			0.000%	0.000%		
Cowcod rockfish ⁴		0.000%	0.000%			0.000%	0.000%		
Pacific ocean perch		0.017%	0.000%			0.017%	0.000%		
Darkblotched rockfish		0.068%	0.018%			0.068%	0.018%		
Projected bycatch impacts (mt)									
Lingcod		2.1	1.5	3.6		0.5	0.4	0.9	4.5
Widow rockfish		0.0	0.0	0.0		0.0	0.0	0.0	0.0
Canary rockfish		0.1	0.0	0.1		0.0	0.0	0.0	0.1
Yelloweye rockfish		0.3	0.0	0.3		0.1	0.0	0.1	0.3
Bocaccio rockfish ⁴		0.0	0.0	0.0		0.0	0.0	0.0	0.0
Cowcod rockfish ⁴		0.0	0.0	0.0		0.0	0.0	0.0	0.0
Pacific ocean perch		0.2	0.0	0.2		0.0	0.0	0.0	0.2
Darkblotched rockfish		0.6	0.1	0.7		0.2	0.0	0.2	0.9

Total Landed Catch (mt)
1,784

Total bycatch impacts (mt)

¹ As in previous years, the rate of mortality for discarded sablefish in the fixed-gear fishery is assumed to be 20%.

² The bycatch ratios are calculated by dividing the total catch of each species by the total poundage of sablefish that was caught.

⁴ Please note that the observer data on which these rates are based include no observations from south of Ft. Bragg, CA, so these are likely underestimates of true bycatch.

Table 19. Sablefish primary fishery tier limits and projected bycatch of depleted species associated with all sablefish catch in the 2007-2008 limited entry fixed-gear and open access fisheries under draft Alternative 4 (sablefish OY Alternative 2 and the northern RCA seaward boundary extended to 150 fm).

LE FG	Seaward boundary of RCA at 100 fm North of 40°10' and at 150 fm South of 40°10'				OA	Seaward boundary of RCA at 100 fm North of 40°10' and at 150 fm South of 40°10'					
	8,727,732	Coastwide summary	Gear rates and bycatch Longline	Pot		Combined bycatch	2,156,015	Coastwide summary	Gear rates and bycatch Longline		Pot
Total catch allocated (mt)	1,920				474						
Observed sablefish discard rate	15.91%	14.89%	18.00%		15.91%	14.89%	18.00%				
Discard mortality percentage of landed mt + discarded mt	3.65%	3.39%	4.207%		3.65%	3.39%	4.207%				Total Landed Catch (mt)
Assumed discard mortality (mt)	70				17						
Landed catch target (mt)	1,850				457						2,307
Amount allocated to: DTL (mt)	277				69						
Primary fishery (mt)	1,572										
Primary fishery tier limits (lb)											
Tier 1	48,479	48,500									
Tier 2	22,036	22,000									
Tier 3	12,592	12,600									
Percent of total catch, by area	100%				100%						
Percent of area catch, by gear		63.2%	36.9%			63.2%	36.9%				
Estimated distribution of total catch, by	1,920	1,212	708		474	300	175				
Bycatch ratios ²											
Lingcod		0.228%	0.272%			0.228%	0.272%				
Widow rockfish		0.000%	0.000%			0.000%	0.000%				
Canary rockfish		0.008%	0.000%			0.008%	0.000%				
Yelloweye rockfish		0.030%	0.000%			0.030%	0.000%				
Bocaccio rockfish ⁴		0.000%	0.000%			0.000%	0.000%				
Cowcod rockfish ⁴		0.000%	0.000%			0.000%	0.000%				
Pacific ocean perch		0.017%	0.000%			0.017%	0.000%				
Darkblotched rockfish		0.068%	0.018%			0.068%	0.018%				
Projected bycatch impacts (mt)											Total bycatch impacts (mt)
Lingcod		2.8	1.9	4.7		0.7	0.5	1.2			5.9
Widow rockfish		0.0	0.0	0.0		0.0	0.0	0.0			0.0
Canary rockfish		0.1	0.0	0.1		0.0	0.0	0.0			0.1
Yelloweye rockfish		0.4	0.0	0.4		0.1	0.0	0.1			0.4
Bocaccio rockfish ⁴		0.0	0.0	0.0		0.0	0.0	0.0			0.0
Cowcod rockfish ⁴		0.0	0.0	0.0		0.0	0.0	0.0			0.0
Pacific ocean perch		0.2	0.0	0.2		0.1	0.0	0.1			0.3
Darkblotched rockfish		0.8	0.1	0.9		0.2	0.0	0.2			1.2

¹ As in previous years, the rate of mortality for discarded sablefish in the fixed-gear fishery is assumed to be 20%.

² The bycatch ratios are calculated by dividing the total catch of each species by the total poundage of sablefish that was caught.

⁴ Please note that the observer data on which these rates are based include no observations from south of Ft. Bragg, CA, so these are likely underestimates of true bycatch.

Table 20. Summary of predicted impacts (mt) and sablefish exvessel revenues (\$) for draft Alternatives 1-4 for the 2007-2008 primary sablefish fishery.

Sablefish 2007 - 08	Draft Alternative 1		Draft Alternative 2		Draft Alternative 3		Draft Alternative 4	
	100 fm North: 150 fm South ¹		150 fm North: 150 fm South ²					
	OY Alt 1	OY Alt 2	OY Alt 1	OY Alt 2	OY Alt 1	OY Alt 2	OY Alt 1	OY Alt 2
Total catch OY (mt)	4411	5723	4411	5723	4411	5723	4411	5723
Landed Catch (mt)	1784	2307	1784	2307	1784	2307	1784	2307
Exvessel Revenue (USD) ³	\$8,418,257	\$10,883,747	\$8,418,257	\$10,883,747	\$8,418,257	\$10,883,747	\$8,418,257	\$10,883,747
Projected bycatch impacts (mt)	5.31	6.87	4.52	5.85	4.52	5.85	4.52	5.85
Lingcod	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00
Widow rockfish	0.42	0.54	0.10	0.13	0.10	0.13	0.10	0.13
Canary rockfish	0.95	1.23	0.35	0.45	0.35	0.45	0.35	0.45
Yelloweye rockfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bocaccio rockfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cowcod rockfish	0.22	0.28	0.20	0.26	0.20	0.26	0.20	0.26
Pacific ocean perch	0.59	0.76	0.91	1.18	0.91	1.18	0.91	1.18
Darkblotched rockfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

¹Seaward boundary of RCA at 100 fm North of 40°10' and at 150 fm South of 40°10'

²Seaward boundary of RCA at 150 fm North of 40°10' and at 150 fm South of 40°10'

³Only revenue from sablefish considered. Price per lb for sablefish assumed to be \$2.14 .

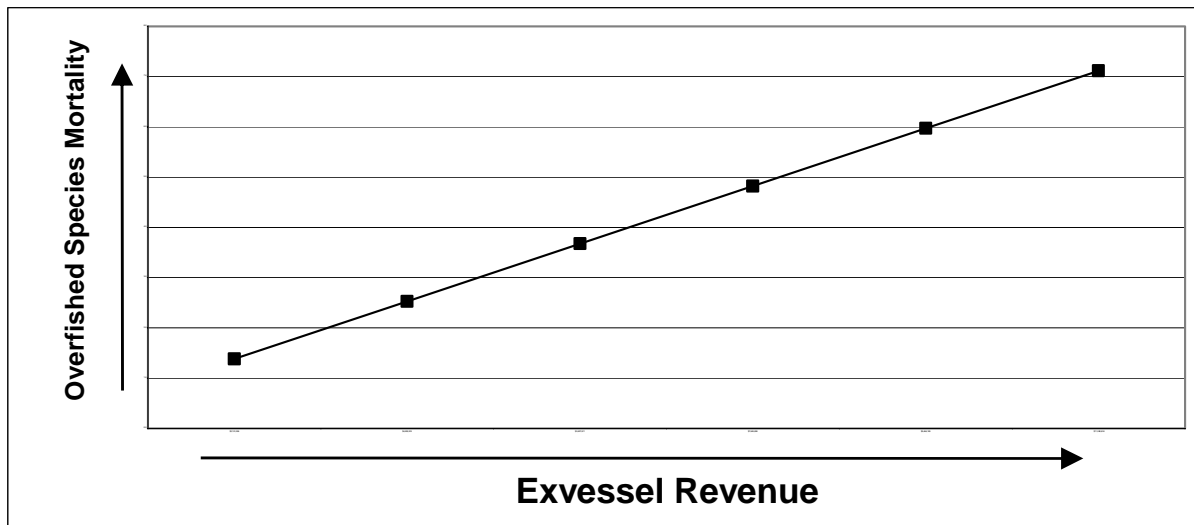


Table 21. Summary of predicted exvessel revenues (mt) from sablefish vs. depleted species impacts (mt) in the 2007-2008 primary sablefish fisheries.

Revenue	Lingcod 2/	Widow rockfish	Canary rockfish	Yelloweye rockfish	Bocaccio rockfish 4	Cowcod rockfish 4	Pacific ocean perch	Darkblotched rockfish
\$ 8,727,732	5.51	0.01	0.44	0.98	0	0	0.224994803	0.613273169

Exvessel Revenue	Lingcod	Widow	Canary	Yelloweye	Bocaccio	Cowcod	Pacific Ocean Perch	Darkblotched
\$ 2,191,036	1.4	0.003	0.110	0.247	0.000	0.000	0.000	0.154
\$ 4,009,323	2.5	0.006	0.201	0.451	0.000	0.000	0.000	0.282
\$ 5,827,611	3.7	0.008	0.292	0.656	0.000	0.000	0.000	0.409
\$ 7,645,898	4.8	0.011	0.383	0.861	0.000	0.000	0.000	0.537
\$ 9,464,185	6.0	0.013	0.474	1.065	0.000	0.000	0.000	0.665
\$ 11,280,824	7.1	0.016	0.565	1.270	0.000	0.000	0.000	0.793

2/ Lingcod is no longer a depleted species.

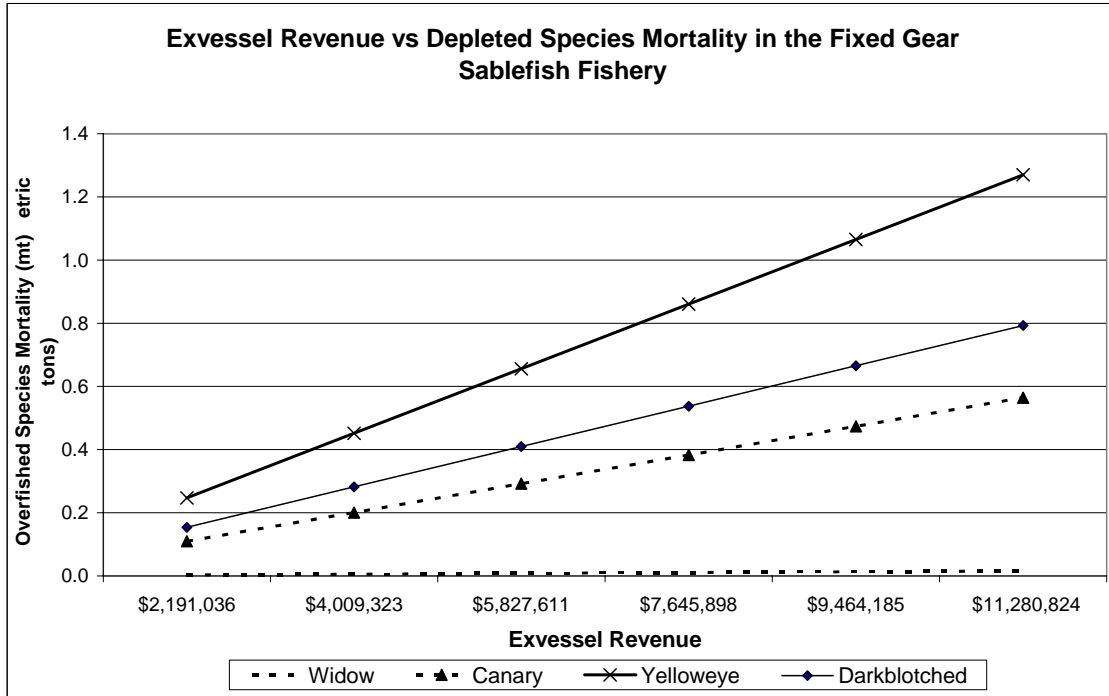


Table 22. The GMT model for estimating discard mortality in nearshore commercial fisheries.

Area	Species	All depths			0 - 10 fm						11 - 20 fm							
		landed mt	retention rate	catch mt	% of total catch	stratum catch mt	gross discard		discard mortality		stratum mortality mt	% of total catch	stratum catch mt	gross discard		discard mortality		stratum mortality mt
							%	mt	%	mt				%	mt	%	mt	
South	Shallow nearshore species	42.5	71%	60	81%	49	24%	15%	1.8	39	18%	11	52%	6	45%	2.5	8	
	Deeper nearshore species	38.25	84%	46	43%	20	17%	10%	0.3	17	53%	24	13%	3	40%	1.2	22	
	Cabezon	38.25	70%	55	97%	53	29%	7%	1.1	39	2%	1	72%	1	7%	0.1	0	
	Kelp Greenling	2.55	38%	7	98%	7	62%	7%	0.3	3	1%	0	87%	0	7%	0.0	0	
	All nearshore groundfish	122	74%	165	78%	128	27%	10%	3.5	97	22%	36	27%	10	39%	3.8	30	
North	Black Rockfish	75.25	99%	76	47%	36	2%	10%	0.1	35	50%	38	1%	0	40%	0.2	38	
	Blue Rockfish	4.3	86%	5	26%	1	16%	10%	0.0	1	69%	3	12%	0	40%	0.2	3	
	Other minor nearshore rockfish	4.3	96%	4	55%	2	6%	20%	0.0	2	35%	2	5%	0	50%	0.0	2	
	Cabezon	12.9	79%	16	36%	6	21%	7%	0.1	5	60%	10	21%	2	7%	0.1	8	
	Kelp Greenling	9.89	80%	12	37%	5	23%	7%	0.1	4	59%	7	18%	1	7%	0.1	6	
	All nearshore groundfish	106.64	94%	114	44%	50	7%	8%	0.3	47	53%	61	7%	4	14%	0.6	57	

Area	Species	21 - 50 fm						0 - 50 fm			
		% of total catch	stratum catch mt	gross discard %	discard mortality		stratum mortality mt	mortality from:			discard as a percentage of mortality
					%	mt		landing mt	discard mt	total mt	
South	Shallow nearshore species	1%	1	60%	100%	0.4	1	43	4.6	47.1	9.8%
	Deeper nearshore species	4%	2	60%	100%	1.1	2	38	2.7	40.9	6.5%
	Cabezon	0%	0	75%	7%	0.0	0	38	1.2	39.4	2.9%
	Kelp Greenling	1%	0	90%	7%	0.0	0	3	0.3	2.8	10.4%
	All nearshore groundfish	2%	3	61%	91%	1.5	2	122	8.7	130.3	6.7%
North	Black Rockfish	2%	2	0%	100%	0.0	2	75	0.2	75.5	0.3%
	Blue Rockfish	5%	0	14%	100%	0.0	0	4	0.2	4.5	4.9%
	Other minor nearshore rockfish	10%	0	2%	100%	0.0	0	4	0.1	4.4	1.8%
	Cabezon	4%	1	20%	7%	0.0	1	13	0.2	13.1	1.8%
	Kelp Greenling	3%	0	14%	7%	0.0	0	10	0.2	10.1	1.7%
	All nearshore groundfish	3%	4	7%	24%	0.1	3	107	0.9	107.6	0.9%

Table 23. Estimated bycatch (mt) of depleted groundfish species and lingcod associated with landed catch of nearshore commercial species.

	0 - 10 fm	11 - 20 fm	21 - 50 fm	Estimated bycatch			
				0 - 10 fm	11 - 20 fm	21 - 50 fm	0 - 50 fm
South							
Landed nearshore mt	94	27	1.0				
Rebuilding species	<i>Bycatch rates</i>						
Canary	0.01%	1.76%	1.76%	0.01	0.47	0.02	0.50
disc. mort. (%:mt)	10%	55%	100%	0.00	0.26	0.02	0.28
Lingcod							
catch (%:mt)	23.40%	33.77%	33.77%	21.96	9.00	0.34	31.30
landed (%:mt)	58%	44%	55%	12.74	3.96	0.19	16.88
discard (%:mt)	42%	56%	45%	9.22	5.04	0.16	14.42
disc. mort. (%:mt)	7%	7%	7%	0.65	0.35	0.01	1.01
total mortality				13.38	4.31	0.20	17.89
North							
Landed nearshore mt	47	56	3				
Rebuilding species	<i>Bycatch rates</i>						
Canary	0.41%	1.65%	5.34%	0.19	0.93	0.18	1.30
disc. mort. (%:mt)	10%	55%	100%	0.02	0.51	0.18	0.71
Widow	0.02%	0.02%	0.17%	0.01	0.01	0.01	0.03
Yelloweye	0.14%	1.11%	9.40%	0.07	0.62	0.31	1.01
disc. mort. (%:mt)	50%	90%	100%	0.03	0.56	0.31	0.91
Lingcod							
catch (%:mt)	27.59%	36.70%	73.09%	12.95	20.68	2.45	36.08
landed (%:mt)	57%	60%	85%	7.38	12.41	2.08	21.87
discard (%:mt)	43%	40%	15%	5.57	8.27	0.37	14.21
disc. mort. (%:mt)	7%	7%	7%	0.39	0.58	0.03	0.99
total mortality				7.77	12.99	2.10	22.86

Table 24. Predicted impacts (mt) of select groundfish species and exvessel revenues (\$) by alternative depth restrictions and allocations in 2007-2008 nearshore commercial fisheries in Oregon and California.

Note that the 50 fm limit shown in this table is based on the WCGOP report, "Data Report and Summary Analyses of Open Access Fixed-Gear Fisheries in Waters Less than 50 Fathoms May 2005" (available online at: http://www.nwfsc.noaa.gov/research/divisions/fram/observer/datareport/nearshore/datareport_nearshore_may2005.cfm). South of 40o10', the nearshore fishery was restricted to shallower than 20-30 fm throughout the period in which data were collected.

Total Mortality (mt) and Exvessel Value (USD)			Alternative 1, 0 - 50 Fathoms 5% S, 40% N Black Rockfish Only		Alternative 2, 0 - 50 Fathoms 12% S, 80% N Black Rockfish Only		Alternative 3, 0 - 50 Fathoms 15% S, 57% N Equal Across Sp	
South	Variable	Status Quo	mt or USD	% Reduction	mt or USD	% Reduction	mt or USD	% Reduction
	Shallow nearshore species	55	53	5%	49	12%	47	15%
	Deeper nearshore species	48	46	5%	42	12%	41	15%
	Cabezon	46	44	5%	41	12%	39	15%
	Kelp Greenling	3	3	5%	3	12%	3	15%
	Canary	0.33	0.31	5%	0.29	12%	0.28	15%
	Exvessel Value	1,718,545	1,632,618	5%	1,512,320	12%	1,460,764	15%
North	Black Rockfish	176	105	40%	35	80%	75	57%
	Blue Rockfish	11	11	0%	11	0%	5	57%
	Other minor nearshore rockfish	10	10	0%	10	0%	4	57%
	Cabezon	31	31	0%	31	0%	13	57%
	Kelp Greenling	23	23	0%	23	0%	10	57%
	Canary	1.65	1.22	26%	0.80	51%	0.71	57%
	Yelloweye	2.12	1.59	25%	1.05	50%	0.91	57%
	Widow	0.07	0.05	27%	0.03	54%	0.03	57%
	Exvessel Value	1,128,082	907,400	20%	686,717	39%	485,075	57%
Total	Canary	1.97	1.53	22%	1.09	45%	0.98	50%
	Yelloweye	2.12	1.59	25%	1.05	50%	0.91	57%
	Widow	0.07	0.05	27%	0.03	54%	0.03	57%
	Exvessel Value	2,846,627	2,540,018	11%	2,199,037	23%	1,945,839	32%

Total Mortality (mt) and Exvessel Value (USD)			Alternative 4, 0 - 20 Fathoms 0% S, 10% N Black Rockfish Only		Alternative 5, 0 - 20 Fathoms 15% S, 60% N Black Rockfish Only		Alternative 5, 0 - 20 Fathoms 0% S, 100% N Black Rockfish Only	
South	Variable	Status Quo	mt or USD	% Reduction	mt or USD	% Reduction	mt or USD	% Reduction
	Shallow nearshore species	55	55	1%	47	16%	55	1%
	Deeper nearshore species	48	47	3%	40	17%	47	3%
	Cabezon	46	46	0%	39	15%	46	0%
	Kelp Greenling	3	3	0%	3	15%	3	0%
	Canary	0.33	0.30	7%	0.26	21%	0	7%
	Exvessel Value	1,718,545	1,718,545	0%	1,460,764	15%	1,718,545	0%
North	Black Rockfish	176	158	10%	70	60%	0	100%
	Blue Rockfish	11	10	1%	10	1%	10	1%
	Other minor nearshore rockfish	10	10	0%	10	0%	10	0%
	Cabezon	31	31	0%	31	0%	31	0%
	Kelp Greenling	23	23	0%	23	0%	23	0%
	Canary	1.65	1.17	29%	0.72	56%	0.37	78%
	Yelloweye	2.12	1.32	38%	0.81	62%	0.41	81%
	Widow	0.07	0.05	24%	0.03	53%	0.02	76%
	Exvessel Value	1,128,082	1,072,911	5%	797,058	29%	576,376	49%
Total	Canary	1.97	1.47	25%	0.98	50%	0.67	66%
	Yelloweye	2.12	1.32	38%	0.81	62%	0.41	81%
	Widow	0.07	0.05	24%	0.03	53%	0.02	76%
	Exvessel Value	2,846,627	2,791,457	2%	2,257,822	21%	2,294,921	19%

Extra percent reduction is from depth restriction.