

TABLE 6. Preliminary projections of Chinook and coho harvest impacts for 2008 ocean salmon fishery management options adopted by the Council. (Page 1 of 2)

Area and Fishery	2008 Catch Projection			2008 Bycatch Mortality <sup>a/</sup> Projection			2008 Bycatch Projection <sup>b/</sup>			Observed in 2007	
	I	II	III	I	II	III	I	II	III	Catch	Bycatch Mortality
<b>OCEAN FISHERIES<sup>c/</sup>:</b>											
<b>CHINOOK (thousands of fish)</b>											
<b>NORTH OF CAPE FALCON</b>											
Treaty Indian Ocean Troll	40.0	35.0	20.0	8.0	7.6	4.9	19.8	19.1	12.8	23.0	3.6
Non-Indian Commercial Troll	22.5	17.5	12.5	5.6	5.1	3.0	14.7	13.9	7.9	15.7	5.6
Recreational	22.5	17.5	12.5	2.6	2.0	1.4	7.6	6.2	4.1	9.5	1.3
<b>CAPE FALCON TO HUMBUG MT.</b>											
Commercial Troll	9.6	0.6	0.6	1.8	2.0	0.0	5.2	2.0	0.0	29.9	5.4
Recreational	0.3	0.1	0.1	0.0	0.3	0.0	0.1	0.3	0.0	3.2	0.4
<b>HUMBUG MT. TO HORSE MT.</b>											
Commercial Troll	3.7	0.3	0.3	0.7	2.0	0.1	2.0	6.9	0.1	13.0	2.3 <sup>d/</sup>
Recreational	1.3	0.2	0.2	0.1	0.0	0.0	0.5	0.1	0.1	30.1	3.8 <sup>d/</sup>
<b>SOUTH OF HORSE MT.</b>											
Commercial	6.0	0.0	0.0	1.2	3.0	0.0	3.2	10.1	0.0	199.1	35.6 <sup>d/</sup>
Recreational	1.8	0.7	0.7	0.2	0.1	0.1	0.6	0.2	0.2	75.5	9.4 <sup>d/</sup>
<b>TOTAL OCEAN FISHERIES</b>											
Commercial Troll	81.8	53.4	33.4	17.4	19.7	8.0	44.9	52.0	20.8	186.1	37.3
Recreational	25.9	18.5	13.5	2.9	2.4	1.5	8.8	6.8	4.4	63.3	7.0
<b>INSIDE FISHERIES:</b>											
Buoy 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.8	NA

TABLE 6. Preliminary projections of Chinook and coho harvest impacts for 2008 ocean salmon fishery management options adopted by the Council. (Page 2 of 2)

Area and Fishery	2008 Catch Projection			2008 Bycatch Mortality <sup>a/</sup> Projection			2008 Bycatch Projection <sup>b/</sup>			Observed in 2007	
	I	II	III	I	II	III	I	II	III	Catch	Bycatch Mortality
<b>COHO (thousands of fish)</b>											
<b>NORTH OF CAPE FALCON</b>											
Treaty Indian Ocean Troll	25.0	20.0	15.0	2.0	1.6	1.1	6.5	5.1	3.5	40.0	2.7
Non-Indian Commercial Troll <sup>e/</sup>	4.0	4.0	2.4	3.8	2.8	2.1	12.3	9.1	6.7	17.4	4.0
Recreational <sup>e/</sup>	21.0	21.0	12.6	5.0	4.6	2.6	26.4	24.2	13.8	102.2	22.0 <sup>f/</sup>
<b>SOUTH OF CAPE FALCON</b>											
Commercial Troll	-	-	-	0.7	1.1	0.0	2.3	3.7	0.0	5.5	6.7
Recreational <sup>e/</sup>	10.0	6.0	0.0	3.8	2.0	0.0	20.2	10.6	0.0	42.3	17.2
<b>TOTAL OCEAN FISHERIES</b>											
Commercial Troll	29.0	24.0	17.4	6.5	5.5	3.2	21.1	17.9	10.2	57.4	13.4
Recreational	31.0	27.0	12.6	8.8	6.6	2.6	46.6	34.8	13.8	144.4	39.2
<b>INSIDE FISHERIES:</b>											
Area 4B <sup>e/</sup>	-	5.0	-	-	1.4	-	-	7.3	-	-	-
Buoy 10 <sup>e/</sup>	3.5	4.0	4.5	0.6	0.7	0.8	3.4	3.8	4.1	8.4	1.5

a/ The bycatch mortality reported in this table consists of drop-off mortality (includes predation on hooked fish) plus hook-and-release mortality of chinook and coho salmon in Council-area fisheries. Drop-off mortality for both chinook and coho is assumed to be equal to 5% of total encounters. The hook-and-release mortality (HRM) rates used for both chinook and coho are:

Commercial: 26%.

Recreational, north of Pt. Arena: 14%.

Recreational, south of Pt. Arena: 16% (based on the expected proportion of fish that will be caught using mooching versus trolling gear, and the HRMs of 42.2% and 14% for these two respective gear types).

b/ Bycatch calculated as dropoff mortality plus fish released.

c/ Includes Oregon territorial water, late season chinook fisheries.

d/ Based on observed sublegal encounter rates.

e/ Includes one or more selective fishery options that allow only retention of coho marked with a healed adipose fin clip.

f/ Based on observed unmarked encounter rates.