

TABLE 6. Preliminary projections of Chinook and coho harvest impacts for 2009 ocean salmon fishery management options adopted by the Council. (Page 1 of 2)

Area and Fishery	2009 Catch Projection			2009 Bycatch Mortality <sup>a/</sup> Projection			2009 Bycatch Projection <sup>b/</sup>			Observed in 2008	
	I	II	III	I	II	III	I	II	III	Catch	Bycatch Mortality
	<b>CHINOOK (thousands of fish)</b>										
<b>OCEAN FISHERIES<sup>c/</sup>:</b>											
<b>NORTH OF CAPE FALCON</b>											
Treaty Indian Ocean Troll	45.0	37.5	25.0	8.7	8.2	5.9	21.2	20.8	15.2	21.1	3.5
Non-Indian Commercial Troll	20.0	22.1	10.0	6.2	7.9	3.1	17.2	22.3	8.5	14.0	3.8
Recreational <sup>d/</sup>	38.0	22.5	10.0	10.6	2.5	1.1	46.0	7.3	3.2	15.4	1.8
<b>CAPE FALCON TO HUMBUG MT.</b>											
Commercial Troll	42.3	42.3	0.0	8.2	8.2	0.0	22.6	22.6	0.0	0.3	0.1
Recreational	4.6	4.6	0.0	1.1	1.2	1.3	4.8	5.2	8.6	0.5	0.5
<b>HUMBUG MT. TO HORSE MT.</b>											
Commercial Troll	1.2	0.7	0.0	0.2	0.1	0.0	0.7	0.4	0.1	0.2	0.0 <sup>e/</sup>
Recreational	3.5	3.3	0.2	0.9	0.6	0.4	3.8	3.1	2.1	0.3	0.1 <sup>e/</sup>
<b>SOUTH OF HORSE MT.</b>											
Commercial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
Recreational	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>TOTAL OCEAN FISHERIES</b>											
Commercial Troll	108.5	102.6	35.0	23.3	24.4	9.0	61.7	66.1	23.8	35.6	7.4
Recreational	46.1	30.4	10.2	12.6	4.3	2.8	54.6	15.6	13.9	16.2	2.4
<b>INSIDE FISHERIES:</b>											
Area 4B	-	-	-	-	-	-	-	-	-	0.0	NA
Buoy 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.3	NA

TABLE 6. Preliminary projections of Chinook and coho harvest impacts for 2009 ocean salmon fishery management options adopted by the Council. (Page 2 of 2)

Area and Fishery	2009 Catch Projection			2009 Bycatch Mortality <sup>a/</sup> Projection			2009 Bycatch Projection <sup>b/</sup>			Observed in 2008	
	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	70.0	70.0	60.0	4.4	4.2	3.4	14.3	13.6	11.0	14.4	1.2
Non-Indian Commercial Troll <sup>f/</sup>	36.0	36.0	32.0	11.3	11.7	9.1	36.5	37.7	29.4	2.1	1.7
Recreational <sup>f/</sup>	189.0	189.0	168.0	30.1	30.2	26.4	158.6	158.7	139.0	20.9	4.2 <sup>g/</sup>
<b>SOUTH OF CAPE FALCON</b>											
Commercial Troll	11.0	10.0	-	0.6	0.5	0.1	1.8	1.7	0.2	0.0	0.0
Recreational <sup>f/</sup>	117.0	100.0	70.0	26.0	21.7	16.0	136.9	114.0	84.2	9.9	3.3
<b>TOTAL OCEAN FISHERIES</b>											
Commercial Troll	117.0	116.0	92.0	16.3	16.4	12.6	52.6	53.0	40.6	16.5	2.9
Recreational	306.0	289.0	238.0	56.1	51.9	42.4	295.5	272.7	223.2	30.8	7.5
<b>INSIDE FISHERIES:</b>											
Area 4B <sup>f/</sup>	-	-	-	-	-	-	-	-	-	0.1	0.0
Buoy 10 <sup>f/</sup>	100.0	100.0	125.0	14.8	14.6	17.6	77.8	76.7	92.4	8.6	1.6

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

e/ Based on observed sublegal encounter rates.

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

g/ Based on observed unmarked encounter rates.