

Handout
3-12-04

Exhibit E.5.c
Supplemental GMT Report 2
March 2004

Table. Estimated mortality (mt) of overfished West Coast groundfish species by fishery in 2004.

3/12/2004 8:07

Fishery	Bocaccio a/	Canary	Cowcod	Dkbl b/	Lingcod c/	POP	Whiting d/	Widow	Yelloweye
Limited Entry Groundfish									
Trawl- Non-whiting e/	45.0	9.8	0.6	100.7	78.4	68.1		1.5	0.4
Fixed Gear	13.4	0.5	0.1	1.5	12.7	0.2		5.0	0.1
Whiting									
At-sea whiting motherships		0.9		1.4	0.3	1.7	51,720	211.0	0.0
At-sea whiting cat-proc		1.3		7.6	0.4	10.1	73,270		0.4
Shoreside whiting		0.4		0.5	0.7	0.4	90,510		0.0
Tribal whiting		4.7		0.0	0.5	1.5	32,500		0.0
Open Access									
Groundfish directed	10.6	0.3	0.1		62.5				0.6
CA Halibut	0.1			0.0	2.0	0.0			
CA Gillnet f/	0.5			0.0		0.0		0.0	
CA Sheephead f/				0.0		0.0		0.0	0.0
CPS- wetfish f/	0.3								
CPS- squid g/									
Dungeness crab f/	0.0		0.0	0.0		0.0			
HMS f/		0.0	0.0	0.0					
Pacific Halibut f/	0.0		0.0	0.0		0.0		0.0	0.5
Pink shrimp	0.1	0.5	0.0	0.0	0.5	0.0		0.1	0.1
Ridgeback prawn	0.1	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Salmon troll	0.2	1.6	0.0	0.0	0.3	0.0		0.0	0.2
Sea Cucumber	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Spot Prawn (trap)									
Tribal									
Midwater Trawl		2.3		0.0	0.1	0.0		40.0	0.0
Bottom Trawl		0.5		0.0	9.0	0.0		0.0	0.0
Troll		0.5		0.0	1.0	0.0			0.0
Fixed gear		0.3		0.0	15.0	0.0		0.0	2.3
Recreational Groundfish									
WA		2.5			73.0				3.5
OR		7.0			101.3			2.0	3.3
CA (N) h/		0.5			195.0			1.0	0.1
CA (S) h/	62.8	7.6	1.8		151.8			0.4	1.3
Research: Based on 2 most recent NMFS trawl shelf and slope surveys, the IPHC halibut survey, and LOAs with expanded estimates for south of Pt. Conception.									
	2.0	1.0		1.6	3.0	3.0		1.5	1.1
Non-EFP Total	135.1	42.2	2.6	113.3	707.5	85.0		262.5	14.0
EFPs i/									
CA: NS FF trawl	10.0	0.5	0.5		20.0				0.5
OR: DTS j/		0.1		6.0		18.0			0.1
WA: AT trawl		1.5		3.0	4.5	8.5		5.5	0.5
WA: dogfish LL		0.1		0.5	2.0	0.5		0.5	1.0
WA: pollock k/		0.1					1,000	1.5	0.1
EFP Subtotal	10.0	2.3	0.5	9.5	26.5	27.0	1,000	7.5	2.2
TOTAL	145.1	44.5	3.1	122.8	734.0	112.0		270.0	16.2
2004 OY	250	47.3	4.8	240	735	444	250,000	284	22
Percent of OY	58.0%	94.1%	64.6%	51.2%	99.9%	25.2%		95.1%	73.5%
Key	= either not applicable; trace amount (<0.01 mt); or not reported in available data sources.								

a/ South of 40°10' N. lat.

b/ Darkblotched harvest limit ("2004 OY" in this table) is the ABC of 240 mt, which is lower than the projected OY of 272 mt under the *Medium OY* alternative.

c/ Lingcod total reflects total catch, not mortality.

d/ Whiting is rebuilt according to the assessment adopted at the March 2004 Council meeting.

e/ Using observer data, all estimates from the Hastie trawl bycatch model.

f/ Mortality estimates are not hard numbers; based on the GMT's best professional judgement.

g/ Bycatch amounts by species unavailable, but bocaccio occurred in 0.1% of all port samples and other rockfish in another 0.1% of all port samples (and squid fisheries usually land their whole catch). In 2001, out of 84,000 mt total landings 1 mt was groundfish. This suggests that total bocaccio was caught in trace amounts.

h/ These estimates have not been revised pending GMT review of the estimation methodology.

i/ Values are proposed EFP bycatch caps, not estimates of total mortality. The EFP is terminated inseason if the cap is projected to be attained early.

j/ The darkblotched rockfish and Pacific ocean perch caps are not defined yet for this EFP but are expected to be lower than the placeholders in this scorecard.

k/ Whiting impacts are deducted from the shoreside sector only.