

PROPOSED MANAGEMENT MEASURES FOR THE 2007-08 CALIFORNIA RECREATIONAL GROUND FISH FISHERY

The California Department of Fish and Game (CDFG) developed recreational management options to accompany six vertically-integrated rebuilding alternatives that were developed by the Groundfish Management Team (GMT) and Groundfish Allocation Committee (GAC) at their February 2006 meeting ("status quo" harvest plus Rebuilding Alternatives 1-5). For reference, these are reproduced in Table 1, with shading to denote species of particular importance in the California recreational fishery.

In Table 2, the vertically integrated rebuilding alternatives are combined with options for commercial: recreational catch sharing for yelloweye rockfish and canary rockfish, which were provided to the GMT by the GAC for initial analysis, and provides the corresponding California recreational Harvest Guidelines (HGs) resulting from those catch sharing options. A list of the key constraints for available management options are provided for each alternative.

Table 3 rearranges the order of rebuilding alternatives according to relative impact, which the CDFG used to develop season options for 2007-08. The management option suites are ordered from lowest to highest opportunity relative to California recreational fisheries. Proposed season structures under Options A-F are summarized in Table 4, and provide associated impacts to key overfished species. Key differences between the management options consider changing allowable fishing depths (shallower or deeper) or closing or opening months. The projected impacts for canary and yelloweye rockfish may also inform the Council relative to which catch sharing options between the commercial and recreational fishing sector would best provide for the alternatives presented.

Table 1: Draft Amendment 16-4 Rebuilding Alternatives Developed by the Groundfish Management Team and the Groundfish Allocation Committee in February 2006

2007-2008 OYs (mt)							SQ (2006) CA REC 2005 CA rec take		
Stock	"SQ" Reb.Alt.	Reb. Alt. 1	Reb. Alt. 2	Reb. Alt. 3	Reb. Alt. 4	Reb. Alt. 5	SQ (2006)	CA REC	2005 CA rec take
Yelloweye	27	21	17	21	12	12	27	3.7	0.9
Canary		24	44	68	24	24	47	9.3	2
Cowcod a/	8	8	18	22	14	4	4	rec est.	0.2
Bocaccio	149	149	218	424	315	40	309	rec est.	37.3
Darkblotched	229	330	229	472	472	130			
POP	87	405	87	749	405	44			
Widow	329	456	329	917	329	120	289	rec est.	1.6

NOTE: Shaded cells denote species important to recreational fisheries in California

Table 2: Vertically Integrated Rebuilding Alternatives for 2007-2008 OY Options (in metric tons) and and Options for California Recreational Harvest Targets derived from Commercial:Recreational Catch Sharing Options for Yelloweye and Canary Rockfish

Stock	Options for Catch Sharing Ratios (Com:Rec)	Reb. Alt. "Status Quo" Harvest		Reb. Alt. 1		Reb. Alt. 2		Reb. Alt. 3		Reb. Alt. 4		Reb. Alt. 5		SQ OY (2006)	
		OY	HG opts CA REC	OY	HG opts CA REC	OY	HG opts CA REC	OY	HG opts CA REC	OY	HG opts CA REC	OY	HG opts CA REC	OY	CA REC HG
Yelloweye	60:40		3.8	21	3.0	17	2.4	21	3.0	12	1.7	12	1.7	27	3.7
	(SQ) 50:50		4.8		3.7		3.0		3.7		2.1		2.1		
	40:60		5.8		4.5		3.6		4.5		2.6		2.6		
Canary	(SQ) 60:40	44	9.0	24	5.0	44	9.0	68	14.0	24	5.0	24	5.0	47	9.3
	50:50		11.2		6.3		11.2		17.5		6.3		6.3		
	40:60		13.5		7.5		13.5		21.0		7.5		7.5		
Cowcod	N/A	8	rec est.	8	rec est.	18	rec est.	22	rec est.	14	rec est.	4	rec est.	4	rec est.
Bocaccio	N/A	149	rec est.	149	rec est.	218	rec est.	424	rec est.	315	rec est.	40	rec est.	309	rec est.
Widow	N/A	329	rec est.	456	rec est.	329	rec est.	917	rec est.	329	rec est.	120	rec est.	289	rec est.
Description of Alternative and Constraining OYs:		Scorecard B; SQ OYs YE,C,W		Lower C; Scorecard B		Lower YE; Lower B OY		Highest C,B		Lower YE,C; SQ OYs B, W		Lowest YE,C,B			
Constraints		Time: NS RF		Time: Canary		Time: NS RF		Time: NS RF		Time: Canary		Time: NS RF			
		Depth: Boc		Depth: Canary, Boc		Depth: Boc				Depth: YE, Canary					

Note: No recreational HG options are proposed for cowcod, bocaccio, or widow; therefore, projected recreational catch under the season option would be

Table 3: Rebuilding Alternatives Sorted from lowest opportunity to highest opportunity relative to California recreational fisheries and CDFG-assigned Option names described in attached documents.

Sorted Rebuilding Alternatives CDFG- assigned Season Options for Each Reb Alternative	Reb. Alt. 5	Reb. Alt. 1	Reb. Alt. 4	SQ Reb. Alt.	Reb. Alt. 2	Reb. Alt. 3
	Option A	Option B	Option C	Option D	Option E	Option F

PART 2: Options for California Recreational Fishing Seasons under 2007-08 Rebuilding Alternatives. Season options derived from changes to the months and/or depths in the 2006 expected season are specified within the table.

CA REC OPTION FOR 2007-08	Changes to the 2006 Expected Season (Status Quo)			Impact Estimates (mt)	
	Depths	Months	Other	Yelloweye	Canary
OPTION A (=Rebuilding Alt. 5)	North area - <i>all open months to 0-20fm</i> ; South area - <i>all open months 0-30fm</i>	North Central area - <i>Close October</i>		1.2	5.0
OPTION B (=Rebuilding Alt. 1)	North area - <i>all open months to 0-20 fm</i>	North Central area - <i>close October</i>		1.2	5.0
OPTION C (=Rebuilding Alt. 4)	South area - <i>0-60 fm in September-October</i>	No change	S of 40° 10' N. lat - <i>Bocaccio bag limit increase to 2 fish</i>	1.5	6.0
OPTION D (=Rebuilding Alt. "Status Quo")	North, North Central, and Monterey South Central areas - <i>open 0-40 fm</i>	No change; or, Consider one or more of following: North Central area - open June; Monterey South Central area - open June; Morro Bay South Central area - open April & October		1.2 - 1.3	7.6 - 9.0
OPTION E (=Rebuilding Alt. 2)	North - 0-40 fm; North Central area - 0-40 fm; Monterey South Central area - 0-40 fm; South area - 0-60 fm for September-October	No change; or, Consider one or more of following: North Central area - open June; Monterey South Central area - open June; Morro Bay South Central area - open April & October		1.2 - 1.3	7.6 - 9.0
OPTION F (=Rebuilding Alt. 3)	North, North Central, and Monterey South Central areas - 0-40 fm; Morro Bay South-Central area - 0-60 fm; South area - 0-60 fm for September-October	North Central area - open June; Monterey South Central area - open June; Morro Bay South Central area - open April & October	Bocaccio bag limit increase to 2 fish for south of 40° 10' N. lat	1.4 - 1.5	8.0 - 9.5