

April 2008

TABLE 2.2. Basis for the preliminary 2009-2010 optimum yield alternatives recommended by the PFMC for analysis (continued).

Stock	Alt 1 OY	Alt 2 OY	Alt 3 OY	Alt 4 OY	Alt 5 OY	Alt 6 OY
Spatonae Rockfish	Status quo					
Yellowtail Rockfish	OY = ABC projected from 2005 assessment					
Shorthead Thornyhead	No coastwide OY (status quo)					
Shortspine Thornyhead	OY = 66% of the projected coastwide ABC OY since the 2005 assessment indicated 66% of the biomass occurs N of Pt. Conception (status quo methodology)					
Shorthead Thornyhead	OY = 34% of the projected coastwide ABC OY since the 2005 assessment indicated 34% of the biomass occurs S of Pt. Conception with an additional 50% precautionary reduction to account for the paucity of survey data S of Pt. Conception (status quo methodology)					
Longspine Thornyhead	No coastwide OY (status quo)					
Longspine Thornyhead	Coastwide ABC OY projected from the 2005 assessment was apportioned N & S of Pt. Conception as follows. Assumed constant density throughout the Conception area and estimated 79% of the assessed coastwide biomass occurs N of Pt. Conception, with a 25% precautionary reduction to account for relatively higher assessment uncertainty (status quo methodology)					
Longspine Thornyhead	Coastwide ABC OY projected from the 2005 assessment was apportioned N & S of Pt. Conception as follows. Assumed constant density throughout the Conception area and estimated 21% of the assessed coastwide biomass occurs S of Pt. Conception, with a 50% precautionary reduction to account for relatively higher assessment uncertainty and a paucity of survey data for the Conception area (status quo methodology)					
COW COD	T (@ F=0) = 2061; Pmax = 78.4%	Status quo SPR = F90%; Targ = 2065; Pmax = 72.4%	SPR = F12.1% (produces the 2007-08 OY); Targ = 2072; Pmax = 66.2%			
S of 367 (Conception area)						
N of 367 (Monterey area)						
DARKBL/OTCHED	T (@ F=0) = 2018	SPR = F75.6%; Targ = 2022; Pmax = 97.7%	SPR = F67.7%; Targ = 2025; Pmax = 91.0%	Status quo SPR = F60.7%; Targ = 2030; Pmax = 76.7%		
VELLO W&YE	T (@ F=0) = 2049	Constant HR strategy; SPR = F71.9%; Targ = 2042; Pmax = 69.5%	HR ramp-down strategy (2009 OY = 17 mt, SPR HR = F66.3%; 2010 OY = 14 mt, SPR HR = F71.3%); Targ = 2082; Pmax = 64.9%	Status quo SPR = F60.7%; Targ = 2030; Pmax = 76.7%		
Black Rockfish (WA)	OY under the base model (M=0.16 males, M=0.24 females) with a 3% reduction to account for the portion of the stock estimated between Cape Falcon and the Columbia River.	Constant catch scenario requested by the GMT;	OY under the median productivity scenario (base case) with the addition of the northern OY 3% reduction to account for the portion of the stock estimated between Cape Falcon and the Columbia River.			
Black Rockfish (OR)	OY under the low productivity scenario with the addition of the northern OY 3% reduction to account for the portion of the stock estimated between Cape Falcon and the Columbia River.					

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