

COUNCIL GUIDANCE ON DISCARD MORTALITY DEDUCTIONS AND BYCATCH RATES TO BE
CONSIDERED WHEN FRAMING MANAGEMENT MEASURES FOR 2002

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Species	Bycatch/Discard Adjustment	Adjustment Data Source or Rationale
Overfished species analyzed in "Evaluation of Bycatch and Discard in West Coast Groundfish Fishery", Exhibit C.3, Supplemental Attachment 3, November 2001		
Canary rockfish	"Low" bycatch range, discard mortality deduction to be derived from season structuring to lower coincident catch rates.	Canary coincident catch rate in WA Arrowtooth EFPs significantly lower than coincident catch rates shown in "low" bycatch range.
Pacific ocean perch	"Mid" bycatch range, discard mortality deduction to be derived from season structuring to lower coincident catch rates.	"High" range is not plausible because accepting it would assume that vessels discard significant quantities of POP before they reach their trip limits. "Low" range is less plausible than "mid" that scenario implies a projected catch that is lower than actual recorded catch.
Bocaccio	"High" bycatch range, discard mortality deduction (~16%) to be derived from season structuring to lower coincident catch rates.	"High" is only plausible range, as "mid" and "low" scenarios imply projected catch levels that are lower than actual recorded catch.
Darkblotched rockfish	"Mid" bycatch range, discard mortality deduction (~20%) to be derived from season structuring to lower coincident catch rates.	Darkblotched historically not separated from minor slope rockfish, making discard pinpointing difficult. "High" range is unlikely because darkblotched are larger sized and tend to not be discarded for size/market reasons.
Lingcod	"Mid" bycatch range for discard mortality (~20-13%,) following the 2001 practice of decreasing bycatch level by 50% to derive the OY discard mortality deduction.	"High" bycatch range implausible due to effect of small footrope restriction not represented in input data. "Low" range not likely because implicit retained catch is smaller than actual landings in 2000 and 2001. Discard mortality deduction assumes a discard mortality of 50% of estimated discard (1997 Rickey, WDFW, analysis.)

DTS Species		
Dover sole	5% discard mortality deduction from OY	For DTS species, discard mortality deductions are based on 2000 analysis of EDCP data. These rates were first implemented for the 2001 annual specifications and management measures. Council recommended renewing for 2002.
Shortspine thornyhead	20% discard mortality deduction from OY	
Longspine thornyhead	17% discard mortality deduction from OY	
Sablefish	21% discard mortality deduction from LE trawl allocation 8% discard mortality deduction from LE fixed gear and open access allocations 3% discard mortality deduction from tribal fisheries	
Rockfish species not analyzed in "Evaluation of Bycatch and Discard in West Coast Groundfish Fishery", Exhibit C.3, Supplemental Attachment 3, November 2001		
Minor nearshore rockfish	5% discard mortality deduction from OY	Nearshore rockfish are caught in shallow waters and have best chances of post-release survival.
Minor shelf rockfish	16% discard mortality deduction from OY	Placeholder deduction consistent with historical deduction levels.
Minor slope rockfish	20% discard mortality deduction from OY	Based on EDCP data, which showed 16% discard mortality deduction appropriate for minor slope taken in DTS fisheries, yet higher rates for minor slope rockfish taken in major slope rockfish fisheries. Major slope rockfish fisheries largely eliminated, yet some conservation adjustment to 16% from DTS fisheries is warranted.
Widow rockfish	16% discard mortality deduction from OY	Placeholder deduction consistent with historical deduction levels.
Yellowtail rockfish	16% - 20% discard mortality deduction from OY	Consistent with analysis of coincident catch rates in DTS fishery found in EDCP at 16%. Possible new information before end of Council week may warrant more conservative 20%.
Chilipepper rockfish	16% discard mortality deduction from OY	Placeholder deduction consistent with historical deduction levels.
Yelloweye rockfish	No retention in commercial fisheries, interception reduced through management measures for hook-and-line fisheries. Infrequent trawl interceptions.	