

24.1 percent of its unfished biomass coastwide. The 54 mt coastwide ABC is based on an F_{MSY} proxy of F50%. The OY of 26 mt, based on a revised rebuilding analysis (August 2002) and the rebuilding plan proposed under Amendment 16-3, have a 80 percent probability of rebuilding to B_{MSY} by the year 2071 (T_{MAX}) and a harvest control rule of $F=0.0153$. Out of the OY, it is anticipated that 10.4 mt will be taken in the recreational fishery, 1.0 mt will be taken during research activity, 0.8 mt will be taken in non-groundfish fisheries and 8.5 mt will be taken in the commercial fishery (which is being set as a commercial HG), leaving a residual amount of 5.3 mt to be used as necessary during the fishing year. Tribal vessels are estimated to land about 2.3 mt of yelloweye rockfish of the commercial HG in 2005, but do not have a specific allocation at this time.

bb/ Black rockfish was last assessed in 2003 for the Columbia and Eureka area and in 2000 for the Vancouver area. The ABC for the area north of $46^{\circ}16'$ N. lat. is 540 mt and the ABC for the area south of $46^{\circ}16'$ N. lat. is 753 mt. Because of an overlap in the assessed areas between Cape Falcon and the Columbia River, projections from the 2000 stock assessment were adjusted downward by 12 percent to account for the overlap. The ABCs were derived using an F_{MSY} proxy of F50%. Because the unfished biomass is believed to be above 40 percent the OYs were set equal to the ABCs. For the area north of $46^{\circ}16'$ N. lat., the OY is 540 mt. A harvest guideline of 30,000 lb (13.6 mt) is set for the tribes. For the area south of $46^{\circ}16'$ N. lat the OY is 753 mt. The black rockfish OY in the area south of $46^{\circ}16'$ N. lat is subdivided with separate HGs being set for the area north of 42° N. lat (437 mt/58 percent) and for the area south of 42° N. lat (316 mt/42 percent). For the area north of 42° N. lat. 332 mt is estimated to be taken in the recreational fishery, resulting in a commercial HG of 105 mt. Of the 316 mt of black rockfish attributed to the area south of 42° N. lat., a HG of 190 mt (60 percent) will be applied to the area north of $40^{\circ}10'$ N. lat. and a HG of 126 mt (40 percent) will be applied to the area south of $40^{\circ}10'$ N. lat. For the area between 42° N. lat. and $40^{\circ}10'$ N. lat., 74 mt is estimated to be taken in the recreational fishery, resulting in a commercial HG of 116 mt. For the area south of $40^{\circ}10'$ N. lat., 101 mt is estimated to be taken in the recreational fishery, resulting in a commercial HG of 25 mt. Black rockfish was included in the minor rockfish north and other rockfish south categories until 2004.

cc/ Minor rockfish north includes the "remaining rockfish" and "other rockfish" categories in the Vancouver, Columbia, and Eureka areas combined. These species include "remaining rockfish", which generally includes species that have been assessed by less rigorous methods than stock assessments, and "other rockfish", which includes species that do not have quantifiable stock assessments. The ABC of 3,680 mt is the sum of the individual "remaining rockfish" ABCs plus the "other rockfish" ABCs. The remaining rockfish ABCs continue to be reduced by 25 percent ($F=0.75M$) as a precautionary adjustment. To obtain the total catch OY of 2,250 mt, the remaining rockfish ABCs were further reduced by 25 percent and other rockfish ABCs were reduced by 50 percent. This was a precautionary measure to address limited stock assessment information. The OY is reduced by 78 mt for the amount estimated to be taken in the recreational fishery, resulting in a 2,172 mt commercial HG. Open access is allocated 8.3 percent (180 mt) of the commercial HG and limited entry is allocated 91.7 percent (1,992 mt) of the commercial HG. Tribal vessels are estimated to land about 28 mt in 2005, but do not have a specific allocation at this time.

dd/ Minor rockfish south includes the "remaining rockfish" and "other rockfish" categories in the Monterey and Conception areas combined. These species include "remaining rockfish" which generally includes species that have been assessed by less rigorous methods than stock assessment, and "other rockfish" which includes species that do not have quantifiable stock assessments. The ABC of 3,412 mt is the sum of the individual "remaining rockfish" ABCs plus the "other rockfish" ABCs. The remaining rockfish ABCs continue to be reduced by 25 percent ($F=0.75M$) as a precautionary adjustment. To obtain a total catch OY of 1,968 mt, the remaining rockfish ABCs are further reduced by 25 percent, with the