

reduced by 50 percent as a precautionary adjustment

e/ Pacific whiting - The most recent stock assessment was prepared in early 2004, and the whiting biomass was estimated to be above 40 percent of its unfished biomass in 2003. A range is presented for the ABC and OY values because final adoption of the ABC and OY have been deferred until the Council's March 2005 meeting. It is anticipated that an assessment update will be available in early 2005 and the results of the new assessment will be used to set the 2005 ABC and OY.

f/ Sablefish north of 36° N. lat. - A coastwide sablefish stock assessment was prepared in 2001 and updated for 2002. Following the 2002 stock assessment update, the sablefish biomass north of 34° 27' N. lat. was believed to be between 31 percent and 38 percent of its unfished biomass. The coastwide ABC of 8,368 mt is based on environmentally driven projections with the F_{MSY} proxy of $F_{45\%}$. The ABC for the management area north of 36° N. lat. is 8,071 mt (96.45 percent of the coastwide ABC). The coastwide OY of 7,761 mt is based on the density-dependent model and the application of the 40-10 harvest policy. The total catch OY for the area north of 36° N. lat. is 7,486 mt and is 96.45 percent of the coastwide OY. The OY is reduced by 10 percent (749 mt) for the tribal allocation. Out of the remaining OY, 48 mt will be taken during research activity, and 19 mt will be taken in non-groundfish fisheries, resulting in a commercial HG of 6,670 mt. The open access allocation is 9.4 percent (627 mt) of the commercial HG and the limited entry allocation is 90.6 percent (6,043 mt) of the commercial HG. The limited entry allocation is further divided with 58 percent (3,505 mt) allocated to the trawl fishery and 42 percent (2,538 mt) allocated to the fixed-gear fishery. To provide for bycatch in the at-sea whiting fishery, 15 mt of the limited entry trawl allocation will be set aside.

g/ Sablefish south of 36° N. lat. - The ABC of 297 mt is 3.55 percent of the ABC from the 2002 coastwide stock assessment update. The total catch OY of 275 mt is 3.55 percent of the OY from the 2002 coastwide stock assessment update. There are no limited entry or open access allocations in the Conception area at this time.

h/ Cabezon was first assessed in 2003 and was believed to be at 34.7 percent of its unfished biomass. The ABC of 103 mt is based on a harvest rate proxy of $F_{45\%}$. The OY of 69 mt is based on a constant harvest level for 2005 and 2006.

i/ Dover sole north of 34° 27' N. lat. was assessed in 2001 and was believed to be at 29 percent of its unfished biomass. The ABC of 8,522 mt is the 2005 projection from the 2001 assessment with an F_{MSY} proxy of $F_{40\%}$. Because the biomass is estimated to be in the precautionary zone, the 40-10 harvest rate policy was applied, resulting in a total catch OY of 7,476 mt. The OY is reduced by 31 mt for the amount estimated to be taken as research catch, resulting in a commercial HG of 7,445 mt.

j/ English sole - Research catch is estimated to be 4.4 mt.

k/ Petrale sole was believed to be at 42 percent of its unfished biomass following a 1999 stock assessment. For 2005, the ABC for the Vancouver-Columbia area (1,262 mt) is based on a four year average projection from 2000-2003 with a $F_{40\%}$ F_{MSY} proxy. The ABCs for the Eureka, Monterey, and Conception areas (1,500 mt) are based on historical landings data and continue at the same level as 2004. Management measures to constrain the harvest of overfished species have reduced the availability of these stocks to the fishery during the past several years. Because the harvest