

being removed from other flatfish complex beginning in 2007. The ABC is based on historical catch levels. The ABC of 6,731 mt is based on the highest landings for sanddabs (1995) and rex sole (1982) for the 1981-2003 period and on the average landings from the 1994-1998 period for the remaining other flatfish species. The OY of 4,884 mt is based on the ABC with a 25 percent precautionary adjustment for sanddabs and rex sole and a 50 percent precautionary adjustment for the remaining species.

o/ A POP stock assessment was prepared in 2005 and the stock was estimated to be at 23.4 percent of its unfished biomass in 2005. The ABC of 900 mt for the Vancouver-Columbia area was projected from the 2005 stock assessment and is based on an  $F_{MSY}$  proxy of  $F_{50\%}$ . The OY of 150 mt is based on a rebuilding plan with a target year to rebuild of 2017 and an SPR harvest rate of 86.4 percent. The OY is reduced by 3.6 mt for the amount anticipated to be taken during research activity.

p/ Shortbelly rockfish remains an unexploited stock and is difficult to assess quantitatively. A 1989 stock assessment provided two alternative yield calculations of 13,900 mt and 47,000 mt. NMFS surveys have shown poor recruitment in most years since 1989, indicating low recent productivity and a naturally declining population in spite of low fishing pressure. The ABC and OY are therefore set at the low end of the range projected in the stock assessment, 13,900 mt.

q/ Widow rockfish was assessed in 2005 and was estimated to be at 31.1 percent of its unfished biomass in 2004. The ABC of 5,334 mt is based on an  $F_{50\%}$   $F_{MSY}$  proxy. The OY of 368 mt is based on a rebuilding plan with a target year to rebuild of 2015 and an SPR rate of 95 percent. The OY is reduced by 3.0 mt for the amount anticipated to be taken during research activity. Tribal vessels are estimated to catch about 46.1 mt of widow rockfish in 2007, but do not have a specific allocation at this time. For the Pacific whiting fishery, 200 mt is being set aside and will be managed with bycatch limits.

r/ A canary rockfish stock assessment was completed in 2005 and the stock was estimated to be at 9.4 percent of its unfished biomass coastwide in 2005. The coastwide ABC of 172 mt is based on a  $F_{MSY}$  proxy of  $F_{50\%}$ . The OY of 44 mt is based on a rebuilding plan with a target year to rebuild of 2063 and an SPR harvest rate of 88.7 percent. The OY is reduced by 3.0 mt for the amount anticipated to be taken during research activity. Tribal vessels are estimated to catch about 5 mt of canary rockfish under the 2007 commercial HG, but do not have a specific allocation at this time. South of 42° N. lat., the canary rockfish recreational fishery HG is 9.0 mt and north of 42° N. lat., the canary rockfish recreational fishery HG 8.2 mt.

s/ Chilipepper rockfish was last assessed in 1998. The ABC (2,700 mt) for the Monterey-Conception area is based on a three year average projection from 1999-2001 with a  $F_{50\%}$   $F_{MSY}$  proxy. Because the unfished biomass is estimated to be above 40 percent the unfished biomass, the default OY could be set equal to the ABC. However, the OY is set at 2,000 mt to discourage fishing on chilipepper, which is taken with bocaccio. Management measures to constrain the harvest of overfished species have reduced the availability of chilipepper rockfish to the fishery during the past several years. Because the harvest assumptions (from the most recent stock assessment) used to forecast future harvest were likely overestimates, carrying the previously used ABCs and OYs forward into 2007 was considered to be conservative and based on the best available data. Open access is allocated 44.3 percent (886 mt) of the commercial HG and limited entry is allocated 55.7 percent (1,114 mt) of the commercial HG.

t/ A bocaccio stock assessment update and a rebuilding analysis were prepared in 2005. The bocaccio stock was estimated to be at 10.7 percent of its unfished biomass in 2005. The ABC of 602 mt for the Monterey and Conception areas is based on a  $F_{50\%}$   $F_{MSY}$  proxy. The OY of 218 mt is based on a rebuilding plan with a target year to rebuild of 2026 and a SPR harvest rate of 77.7 percent. The OY is reduced by 3.0 mt for the amount anticipated to be taken during research activity.

u/ Splitnose rockfish - The ABC is 615 mt in the southern area (Monterey-Conception). The 461 mt OY for the southern area reflects a 25 percent precautionary adjustment because of the less rigorous stock assessment for this stock. Because the harvest assumptions used to forecast future harvest were likely overestimates, carrying the previously used ABCs and OYs forward into 2007 was considered to be conservative and based on the best available data.