

Longnose skate. A coastwide stock assessment was conducted in 2007 and the stock was estimated to be at 66 percent of its unfished biomass. The OFL of 2,816 mt is based on the 2007 stock assessment with an F_{MSY} proxy of $F_{45\%}$. The ABC of 2,692 mt is a 4 percent reduction from the OFL ($\sigma=0.36/P^*=0.45$) as it's a category 1 stock. The ACL of 2,000 mt is a fixed harvest level that provides greater access to the stock. 72.18 mt is deducted from the ACL for the Tribal fishery (56 mt), incidental open access fishery (3 mt), and research catch (13.18 mt), resulting in a fishery HG of 1,928 mt.

Longspine thornyhead. A coastwide stock assessment was conducted in 2005 and the stock was estimated to be at 71 percent of its unfished biomass in 2005. A coastwide OFL of 3,304 mt is based on the 2005 stock assessment with a $F_{50\% F_{MSY}}$ proxy. The ABC of 2,752 mt is a 17 percent reduction from the OFL ($\sigma=0.72/P^*=0.40$) as it's a category 2 stock. For the portion of the stock that is north of 34°27' N. lat., the ACL is 1,958 mt, and is 79 percent of the coastwide OFL for the biomass found in that area reduced by an additional 25 percent as a precautionary adjustment. 46 mt is deducted from the ACL for the Tribal fishery (30 mt), the incidental open access fishery (3 mt), and research catch (13 mt) resulting in a fishery HG of 1,912 mt. For that portion of the stock south of 34°27' N. lat. the ACL is 347 mt and is 21 percent of the coastwide OFL reduced by 50 percent as a precautionary adjustment. 3 mt is deducted from the ACL for the incidental open access fishery (2 mt), and research catch (1 mt) resulting in a fishery HG of 344 mt.

Minor nearshore rockfish north. The OFL of 110 mt is the sum of the OFL contributions for the component species within the complex. The ABCs for the minor rockfish complexes are based on a sigma value of 0.72 for category 2 stocks (blue rockfish in California) and 1.44 for category 3 stocks (all others) with a P^* of 0.45. The resulting ABC of 94 mt is the summed contribution of the ABCs for the component species. The ACL is set equal to the complex ABC. No deductions are made to the ACL, thus the fishery HG is equal to the ACL, which is 94 mt.

Minor shelf rockfish north. The OFL of 2,195 mt is the sum of the OFL contributions for the component species within the complex. The ABCs for the minor rockfish complexes are based on a sigma value of 0.72 for category 2 stocks (greenspotted rockfish between 40°10' and 42° N. lat. and greenstriped rockfish) and 1.44 for category 3 stocks (all others) with a P^* of 0.45. The resulting ABC of 1,932 mt is the summed contribution of the ABCs for the component species. The ACL of 968 mt is the same as the 2012 ACL. 65.24 mt is deducted from the ACL for the Tribal fishery (30 mt), the incidental open access fishery (26 mt), EFP catch (3 mt) and research catch (6.24 mt) resulting in a fishery HG of 902.8 mt.

Minor slope rockfish north. The OFL of 1,553 mt is the sum of the OFL contributions for the component species within the complex. The ABCs for the northern minor slope rockfish complex is based on a sigma value of 0.36 for category 1 stocks (splitnose rockfish) and 1.44 for category 3 stocks (all others) with a P^* of 0.45. The resulting ABC of 1,414 mt is the summed contribution of the ABCs for the component species. The ACL of 1,160 mt is the same as the 2012 ACL. 62 mt is deducted from the ACL for the Tribal fishery (36 mt), the incidental open access fishery (19 mt), EFP catch (1 mt) and research catch (6 mt), resulting in a fishery HG of 1,098 mt.

Minor nearshore rockfish south. The OFL of 1,160 mt is the sum of the OFL contributions for the component species within the complex. The ABC for the southern minor nearshore rockfish complex is based on a sigma value of 0.36 for category 1 stocks (gopher rockfish north of 34°27' N. lat.), 0.72 for category 2 stocks (blue rockfish north of 34°27' N. lat.) and 1.44 for category 3 stocks (all others) with a P^* of 0.45. The resulting minor nearshore rockfish south ABC, which is the summed contribution of the ABCs for the component species within the complex, is 1,001 mt. The ACL is the same as the 2012 ACL. There are no deductions from the ACL, resulting in a fishery HG of 990 mt. Blue rockfish south of 42° N. latitude has a species-specific HG of 236 mt.

Minor shelf rockfish south. The OFL of 1,913 mt is the sum of the OFL contributions for the component species within the complex. The ABCs for the southern minor shelf rockfish complex is based on a sigma value of 0.72 for category 2 stocks (greenspotted and greenstriped rockfish) and 1.44 for category 3 stocks (all others) with a P^* of 0.45. The resulting ABC of 1,620 mt is the summed contribution of the ABCs for the component species. The ACL of 714 mt is the same as the 2012 ACL. 46 mt is deducted from the ACL for the incidental open access fishery (9 mt), EFP catch (31 mt) and research catch (6 mt), resulting in a shelf fishery HG of 668 mt.

Minor slope rockfish south. The OFL of 685 mt is the sum of the OFL contributions for the component species within the complex. The ABC for the southern minor slope rockfish complex is based on a sigma value of 0.72 for category 2 stocks (bank and blackgill rockfish) and 1.44 for category 3 stocks (all others) with a P^* of 0.45. The resulting ABC of 622 mt is the summed contribution of the ABCs for the component species. The ACL is equal to the ABC. 21 mt is deducted from the ACL for the incidental open access fishery (17 mt), EFP catch (2 mt) and research catch (2 mt), resulting in a slope fishery HG of 601 mt. Blackgill rockfish has species-specific HGs: 27 mt for the limited entry fixed gear fishery; 18 mt for the open access fishery.