

percent of the OFL from the stock assessment prepared for black rockfish north of 45°56' N. lat. is added to the OFL from the assessed area south of 45°56'. The resulting OFL for the area south of 46°16' N. lat. is 1,169 mt. The ABC of 1,117 mt for the south is a 4 percent reduction from the OFL ( $\sigma=0.36/P^*=0.45$ ) as it's a category 1 species. The ACL was set at 1,000 mt, which is a constant catch strategy designed to keep the stock biomass above  $B_{40\%}$ . The black rockfish ACL in the area south of 46°16' N. lat., is subdivided with separate HGs being set for the area north of 42° N. lat. (580 mt/58 percent) and for the area south of 42° N. lat. (420 mt/42 percent).

ff/ Minor rockfish north is comprised of three minor rockfish sub-complexes: nearshore, shelf, and slope. The OFL of 3,820 mt is the sum of OFLs for nearshore (116 mt), shelf (2,197 mt) and slope (1,507 mt) north sub-complexes. Each sub-complex OFL is the sum of the OFLs of the component species within the complex. The ABCs for the minor rockfish complexes and sub-complexes are based on a sigma value of 0.36 for category 1 stocks (splitnose and chilipepper rockfish), 0.72 for category 2 stocks (greenstriped rockfish and blue rockfish in California) and 1.44 for category 3 stocks (all others) with a P\* of 0.45. The resulting minor rockfish north ABC, which is the summed contribution of the ABCs for the contributing species in each sub-complex (nearshore, shelf, and slope) is 3,414 mt. The ACL of 2,227 mt for the complex is the sum of the sub-complex ACLs. The sub-complex ACLs are the sum of the component stock ACLs, which are less than or equal to the ABC contribution of each component stock. There are no set-asides for the nearshore sub-complex, thus the fishery HG is equal to the ACL, which is 99 mt. The set-aside for the shelf sub-complex is 43 mt - Tribal fishery (9 mt), the incidental open access fishery (26 mt), EFP catch (4 mt) and research catch (4 mt), resulting in a shelf fishery HG of 925 mt. The set-aside for the slope sub-complex is 68 mt - Tribal fishery (36 mt), the incidental open access fishery (19 mt), EFP catch (2) and research catch (11 mt), resulting in a slope fishery HG of 1,092 mt.

gg/ Minor rockfish south is comprised of three minor rockfish sub-complexes: nearshore, shelf, and slope. The OFL of 4,291 mt is the sum of OFLs for nearshore (1,145 mt), shelf (2,243 mt) and slope (903 mt) south sub-complexes. Each sub-complex OFL is the sum of the OFLs of the component species within the complex. The ABCs for the minor rockfish complexes and sub-complexes are based on a sigma value of 0.36 for category 1 stocks (gopher rockfish north of Point Conception, blackgill), 0.72 for category 2 stocks (blue rockfish in the assessed area, greenstriped rockfish, and bank rockfish) and 1.44 for category 3 stocks (all others) with a P\* of 0.45. The resulting minor rockfish south ABC, which is the summed contribution of the ABCs for the contributing species in each sub-complex, is 3,712 mt. The ACL of 2,341 mt for the complex is the sum of the sub-complex ACLs. The sub-complex ACLs are the sum of the component stock ACLs, which are less than or equal to the ABC contribution of each component stock. There are no set-asides for the nearshore sub-complex, thus the fishery HG is equal to the ACL, which is 990 mt. The set-asides for the shelf sub-complex is 13 mt for the incidental open access fishery (9 mt), EFP catch (2 mt) and research catch (2 mt), resulting in a shelf fishery HG of 701 mt. The set-asides for the slope sub-complex is 27 mt for the incidental open access fishery (17 mt), EFP catch (2 mt) and research catch (8 mt), resulting in a slope fishery HG of 599 mt.