

The differences in the wave heights and directions, for each of the six sites, are very small. The main difference for the new marina is at site 1 to the northwest of the marina, where the secondary wave height is reduced from 0.21 m to 0.04 m due to the much greater separation of this site from the western side of the marina. At the new site 7, located at approximately the same distance relative to the side of the marina, the secondary significant wave height increases to 0.08 m which is still much smaller than the original marina wave model results (due to marina side being oriented nearly parallel to the wave directions which minimize the height of reflected waves). For all other cases (2-6), the differences between the new and old marina configuration are less than 0.01 m.