

Results from Demonstration at Wave Tank

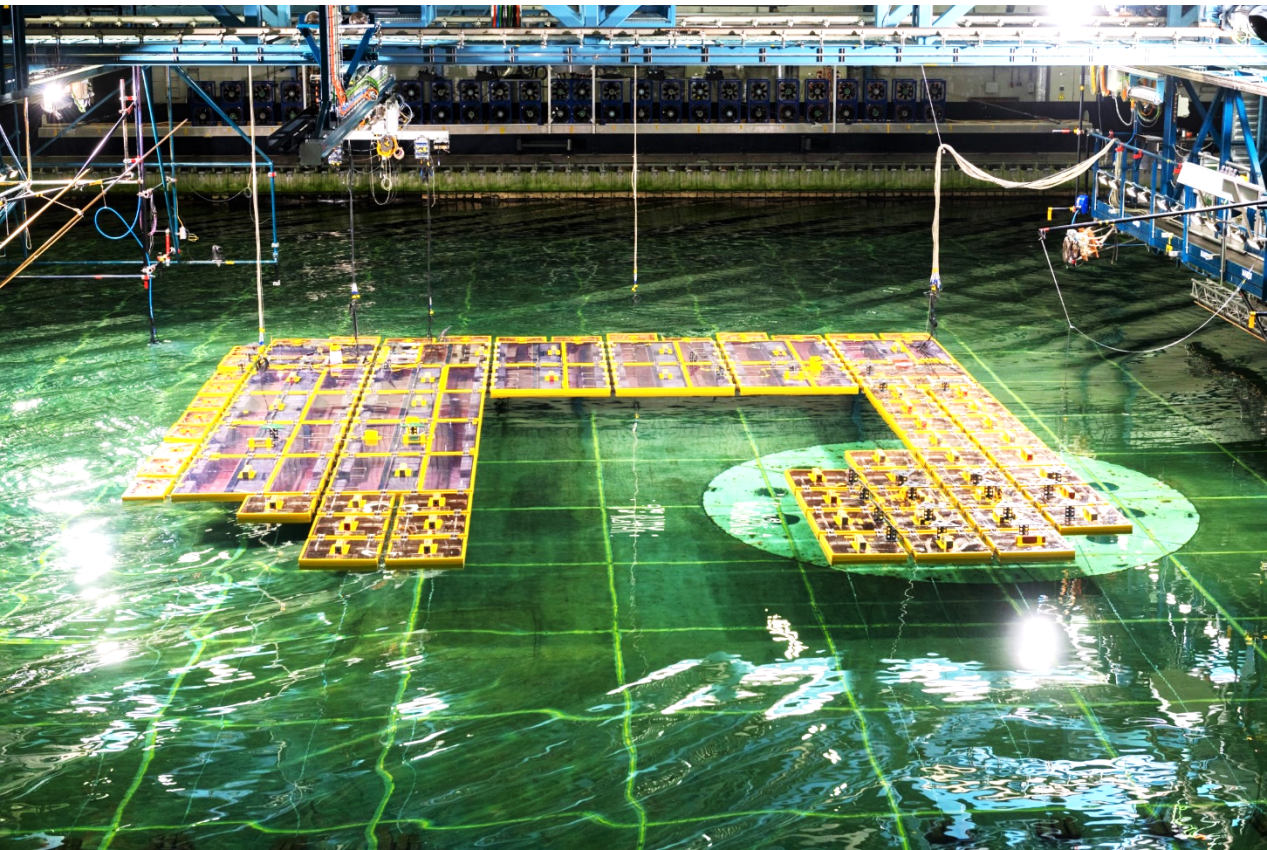


Figure 6-22: Significant reduction of wave height in sheltered harbour basin

The motions of the moored containership were measured in six sea states. These motions are summarized in Figure 6-23 and Figure 6-24. It can be seen that the standard deviation of translation motions in operational conditions is low. The roll motion in 1 year storms from 210 degrees and 225 might give issues with offloading. It is recommended to compare these motions with the capabilities of the offloading cranes.

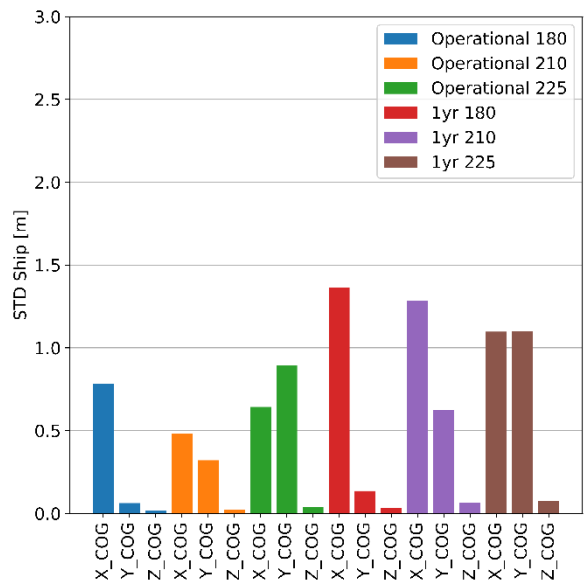


Figure 6-23: Container ship standard deviation translations

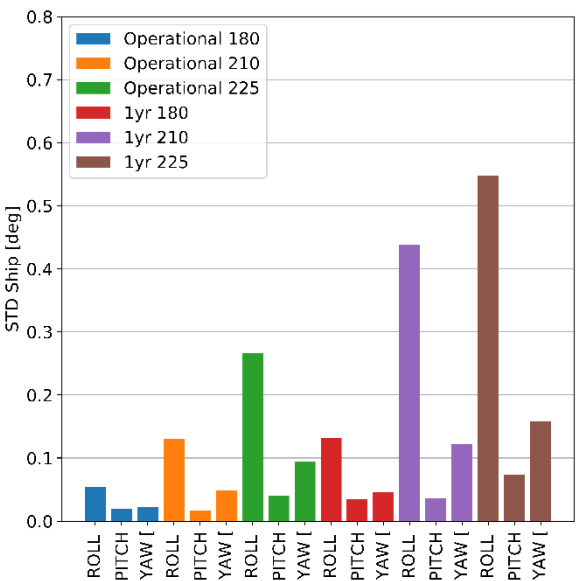


Figure 6-24: Container ship standard deviation rotations