



U.S. COAST GUARD TRAINING CENTER Elizabeth City, NC

CHALLENGE

The Coast Guard Aviation Technical Training Center was a new facility created for rough water rescue and survival training. In order to create the real-life ocean conditions needed for effective training the Coast Guard turned to the expert wave technicians at ADG. The challenge was to create “real-feel” waves to mimic rough ocean conditions with multiple training environments for simultaneous use.

SOLUTION

Three pools were developed with ADG Wave Generation equipment featuring their award winning WaveTek™ technology specifically designed to mimic real life ocean settings. A 1.2 million gallon main pool included a six-foot wide ADG moveable bulkhead with a massive overhead curtain capable of creating separate environments for simultaneous training exercises. For maximum programmability and ease of use, the entire pool system and wave machinery is controlled from a single panel on a hoist.

RESULT

Completed in 2012, the \$25 million U.S. Coast Guard Rescue Swimmer Training Facility is a state-of-the-art facility capable of simulating the unpredictable and dangerous situations that rescue teams often encounter. According to U.S. Sen. Richard Burr, the new facility “represents a major step forward in providing the best training available for Coast Guard search and rescue crews.”

“These men and women will face some of the most dangerous conditions imaginable, so it is of the utmost importance that they receive the best training available, and this facility will be able to provide it.”

-U.S. Sen. Richard Burr



