



PELCO & U.S. COAST GUARD  
always ready

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on an average day the u.s. coast guard will save 15 lives, monitor the transit of more than 2,500 commercial ships, protect nearly \$5 million in property and seize \$2.4 million in illegal drugs.

For more than 200 years the United States Coast Guard has protected America's people, property and environment. Over that history the goals have remained constant, but the size and scope of the U.S. Coast Guard's missions have expanded to meet the nation's needs. Now located within the Department of Homeland Security, the U.S. Coast Guard plays a critical role in maintaining America's defense.

## yerba buena island, california

Since 1939 the U.S. Coast Guard has used Yerba Buena Island as a base to protect the waters surrounding San Francisco, California. Located in the bay between Oakland and San Francisco, the U.S. Coast Guard station at Yerba Buena Island is actively involved in both Homeland Security and search and rescue missions.

As a way to maximize resources, the U.S. Coast Guard installed a video security system to monitor its base on Yerba Buena Island. They needed a system that could reduce the number of people needed to patrol the station, freeing up guard members to perform other duties.

When Eric Bledsoe, President of Electronic Innovations Inc., was approached by the U.S. Coast Guard to design the video security system, Bledsoe was confident that Pelco delivered the dependability necessary for this project. "We make our selections based on the needs of the customer and based upon what the manufacturer says their product can do," says Bledsoe. "Pelco's equipment always does what it says it is going to do. In fact, Pelco's equipment probably exceeds its specifications."

The heavily trafficked Bay Bridge connects Oakland to San Francisco and runs directly through Yerba Buena Island. A new bridge that will accommodate more traffic is under construction. While that project is underway, the U.S. Coast Guard is also redesigning their base on the island. An expanded security system is a part of that remodel. Electronic Innovations upgraded their matrix switcher from a CM6700 to a CM6800 and installed additional Spectra III cameras around the base.

Bledsoe chose Spectra domes for this installation because of the camera's consistent performance and reliability. "We've installed so many Spectras over the years, we know that they work." For that reason Bledsoe also installed Spectra IIIs for another U.S. Coast Guard installation at the Golden Gate Bridge. "Pelco makes me look good and keeps my customers happy." Plus, Bledsoe says Pelco is a company he is proud to do business with. "Pelco products are American made and that is important to me."

## barneget light, new jersey

When the weather heats up along the shores of New Jersey, the population around the coastal town of Barnegat Light can swell from 15,000 to an estimated 250,000 people. During the summer months swimmers and surfers compete with charter fishing boats for space in



the water – creating potentially dangerous situations. Given these conditions, search and rescue has become the primary task for the U.S. Coast Guard members at the Barnegat Light Station.

According to the U.S. Coast Guard, the men and women assigned to Station Barnegat Light guard over 2,500 square miles of ocean and 50 nautical miles of inter-coastal waterways. Keeping an eye on such a large area is a challenge, especially during an emergency when time is of the essence.

Security integrator North American Video installed a Pelco Esprit system atop the station's radio antenna tower, nearly 200 feet in the air. The Esprit is connected to a Pelco Coaxitron controller that allows the Coast Guard to remotely pan, tilt and zoom the camera. The long-range telephoto zoom on the Esprit Positioning System is producing high quality images of the seaway approach to New York harbor for several miles in every direction.

from the busy waters of the san francisco bay to the sandy beaches of new jersey, pelco security systems are helping the u.s. coast guard keep America safe and secure.

North American Video chose Pelco for this job because they needed a system precise enough to produce quality images day and night, but that was strong enough to endure the elements year round. "This can be a very hostile environment when storms hit," says Cynthia Freschi of North American Video. "We wanted to make sure the unit was positively secure."

Esprit's powder-coated, aluminum construction made it an ideal choice for this application. The camera's absolute operating temperature range is wide enough to accommodate extreme hot and cold conditions. And because the Esprit's window wiper is completely integrated into the enclosure, it never interferes with the viewing range. From its perch high above the coast, this Pelco system is helping the U.S. Coast Guard take the "search" out of "search and rescue."

## safe from coast to coast

The U.S. Coast Guard's motto is "Semper Paratus" or "Always Ready." Day after day the men and women of the U.S. Coast Guard demonstrate that they are always ready to defend this nation, and Pelco is always ready to assist. From Alaska, where Pelco security systems are helping the U.S. Coast Guard see through rain, snow, fog and darkness to Maryland, where Pelco's equipment is helping the Guard monitor ships while they undergo maintenance and repair, Pelco is helping the U.S. Coast Guard fulfill their mission to keep America's waterways safe.