PRESS RELEASE

Sea Watch on the Ocean to Offer GoPro HERO7 Black Action Video Camera and Video Editing Software as well as Garmin eTrex 20x GPS Receiver Classes

The SS Copenhagen shipwreck is 463 feet from the restaurant located at 26°12′20″N 80°05′06.46″W in 25.6 feet of water at the Pompano Ledge Reef

Fort Lauderdale, Florida, (today’s date) - The Sea Watch on the Ocean restaurant may be the most interesting location in Fort Lauderdale for learning how to use a GoPro action camera and a GPS Receiver.

The SS Copenhagen steamer was built in Sunderland, England in 1898 and was rated at 3,279 tons and 325 feet in length with schooner rigging used for propulsion if the steam engines failed.

The ship’s last voyage was on May 20, 1900 on a trip from Philadelphia to Havana carrying 4,940 tons of coal. Captain William S. Jones was in command of a 26-man crew. Six days into the voyage, the ship approached the Jupiter Lighthouse at 0220 hours traveling at full speed which was 8 knots. At 0420, the Captain retired with orders to stay one half miles from shore. At daybreak, the ship’s position was calculated to be two miles from shore. At 0800, the Captain steered the ship SSW thinking the ship was two and one half to three miles from shore. At approximately 0850, the Copenhagen struck a reef. Crew members below deck reported that the number one ballast tank and the forepeak were taking on water.

At 1100, Captain Jones went ashore to telegraph Key West for assistance. Two days later, a salvage steamer arrived to free the ship. The cargo was completely unloaded, but the Copenhagen was abandoned as a total wreck mostly because every available salvage ships were summoned to a fire in New Jersey. The Copenhagen was valued at $250,000 and the cargo at $12,500. A Board of Inquiry investigation found Captain Jones to be at fault because he had not employed a sounding lead to determine the depth of the water. As the ship’s remains became totally submerged, the ship was forgotten. Scuba divers rediscovered the ship and the Marine Archaeological Council of Broward established the ship’s identity and history. In 1994, the ship became an Underwater Archaeological Reserve and was added to the National Register of Historic Places in 2001 (source: http://www.museumsinthesea.com/_docs/Copenhagen_brochure.pdf)

Action video cameras are a relatively new category of waterproof video camera introduced first to consumers, and recently to professionals with ultra high definition using cameras such as the GoPro HERO7 Black. Weighing .25 pounds, the tiny camera measures 2.45 inches wide, 1.76 inches high 1.29 inches deep, but is capable of capturing large video content, such as 4K video at up to 60 frames per second and 1080p video at up to 240 frames per second. An August 15, 2019 article published on The Verge, an American technology news and media network operated by Vox Media, says GoPro is about to release HERO8 and Max 360 cameras capable of 4K filming at...
up to 120 fps. The tiny GoPro cameras have used a proprietary GP1 chip in the HERO6, and HERO7. The Verge report says a new GP2 chip will be introduced with the HERO8. The chips contain all of the components of an entire computer including a central processing unit (CPU), memory, input/output ports and storage. A fully contained microcomputer on a chip is called an SoC, an acronym for “System on a Chip.” GoPro, founded by Nick Woodman in 2002, as Woodman Labs, presently dominates the action camera market. In 2012, Foxconn, the world’s largest electronics manufacturing company, acquired an 8.8% stake in GoPro for $200 million valuing the company at $2.25 billion. Foxconn manufactures GoPro cameras as well as Apple’s iPhone, iPad, Sony PlayStation, and Microsoft Xbox.

Handheld GPS receivers have existed since the devices were used by military personnel serving in Kuwait and Saudi Arabia during the 1991 Gulf War. Following the war, the manufacturer, named Garmin, introduced personal GPS devices for recreation. Today, the Garmin’s eTrex20 is considered an entry level handheld GPS receiver.

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