

Schoellhorn-Albrecht Capstans Dock USS Constitution

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Charleston Navy Yard, Boston – May 19, 2015 – Schoellhorn-Albrecht was awarded a contract to engineer and manufacture three Capstans for the historic Charlestown Navy Yard in Boston Harbor.

The Charlestown Navy Yard, Dry Dock 1 was commissioned in 1833 by President Andrew Jackson and is the home of the USS Constitution (*Old Ironsides*) the world's oldest commissioned naval vessel afloat.

Dry Dock 1 is one of the first two dry docks in the United States and is a historical landmark at one end of the Boston Freedom Trail. The Charlestown Dry Dock 1 has an overall dimension of 341ft x 100ft.



U.S.S. Constitution is pulled into Dry Dock 1

Spotlight

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Dry Dock 1 serves as a safe haven for the USS Constitution and the Cassin Young (DD-793). The 216 year old warship is set to undergo a three year reconditioning project. The Schoellhorn-Albrecht capstans pulled the USS Constitution into dry dock to begin the renovation.

One of the goals of the project was to keep both the USS Constitution and its' Capstans as authentic as possible. The sales and engineering team worked closely with the Naval architects and site managers. "We were tasked to make modern capstans fit into the surroundings of the Charlestown Navy Yard. Our experience and flexibility with engineering served us well on this project," said John Richardson (sales). The 15HP Capstans feature a whelped barrel and are similar to the old units used on site. The Capstans maintain the historic integrity with this design while boasting modern electrical / mechanical components.

The capstan itself stands in an elevated pit. The initial consensus when we started designing was to pull the ship in as slow as possible. The 15 HP motor gives the Capstan approximately 30,000 lbs of pull at 15 feet per minute.

The Capstans were manufactured at Schoellhorn-Albrecht's St. Louis facility and were delivered in December 2014. It was an honor for Schoellhorn-Albrecht to be awarded the contract for this historic project.

Watch the Video of the Constitution Docking



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Call us at 314-965-3339