

Charlestown Navy Yard Adams Dry Dock (Dry Dock 1) Statistics

Construction began: 10 July 1827

Engineer: Loammi Baldwin

Opened: 24 June 1833, Vice President Martin Van Buren attended opening; President Andrew Jackson, although in Boston, was too unwell to attend opening

First ship to enter dry dock: USS *Constitution*, Isaac Hull on the quarter deck

Total cost to build Dry Dock 1: \$677,089.78 ½

CNYd Dry Dock 1, is the 2nd oldest operational U.S. Navy dry dock in the USA; the Gosport, VA dry dock, also designed by Baldwin, opened 17 June 1833, making it the oldest USN dry dock in the U.S.

CNYd Dry Dock 1, Overall length: 341' (1833) 357' (1860) 415' (1940s/present)

Flooding time (today): 90 minutes Pumping out: 14+ hours, if lowering a ship onto keel blocks

Caissons: 1st caisson was wooden; in use 1833-1902; 2nd caisson considered first steel hull built in CNYd; launched 31 October 1901, placed in service early 1902; overhauled and modified during the 20th C., it is the oldest extant “vessel” built at the Charlestown Navy Yard still in use; 3rd caisson, built for USN, delivered Jan./Feb. 2015; used on Dry Dock1 for 2015-17 USSC restoration.

Capacity of dock today: 4.8 million gallons of water

Utilization of Dry Dock 1 is limited to USS *Constitution* and USS *Cassin Young*