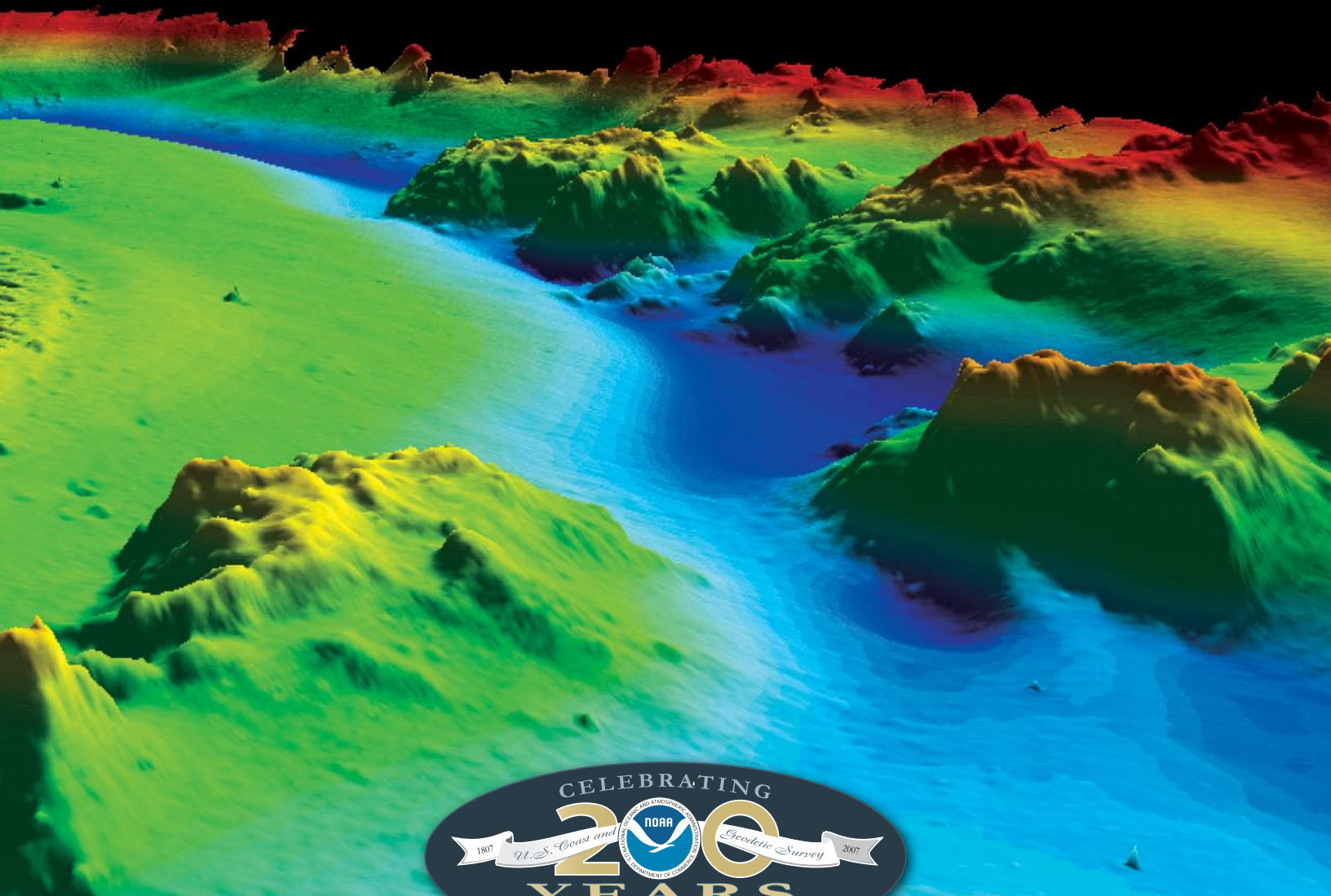
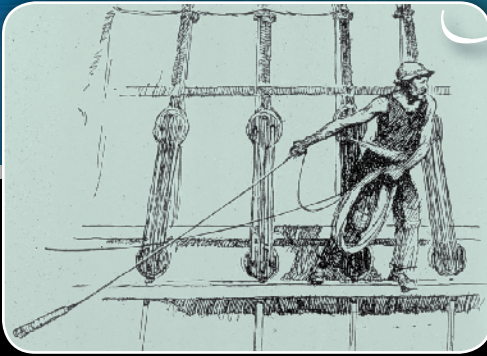


NOAA

Celebrating 200 Years of Science, Service, and Stewardship



For centuries, weighted lines were lowered by hand to measure ocean depth. Today, NOAA ships and underwater robots measure depth with hi-tech sonar. NOAA scientists turn the data into maps of the sea bed, like this image of the underwater world at the entrance to Portsmouth Harbor, New Hampshire. The data can be used for many purposes, including safe navigation, fisheries research, and flood evacuation planning. This image may be downloaded for free as a screen saver at: www.celebrating200years.noaa.gov

TOP LEFT: Sailor sounding from merchantman—19th century, sketch by Gordon Grant from Herbert Warden's "In Praise of Sailors."