

My Submarine Ocean Explorer

USS Monitor

Introduction

The National Oceanic and Atmospheric Administration (NOAA)'s Ocean Explorer website (<http://www.oceanexplorer.noaa.gov/welcome.html>) contains a wealth of information, photos, sounds and videos from the many expeditions undertaken by NOAA's Office of Ocean Exploration and Research (<http://explore.noaa.gov/>). See <http://www.oceanexplorer.noaa.gov/explorations/explorations.html> for a list of all these expeditions (including a Google Map of their locations).

The Ocean Explorer website also contains formal educational materials related to these expeditions and geared to students in Grades 5-12 (<http://www.oceanexplorer.noaa.gov/edu/welcome.html>).

This My Submarine section of the website consists of a collection of interactive graphical presentations of videos, text and sounds organized by ocean creature or feature all taken from the NOAA Ocean Explorer website. These are integrated into a display that suggests the console of a fanciful one-person submarine that can travel anywhere in the Ocean and stop at "interpretation stations" - one for each creature or feature. These materials are suitable for younger ocean explorers ages 6-12.

The central panel of the console displays the video related to the creature or feature selected either by clicking on a location (on the global map to the left of the video panel) or on its icon (in the guide selection grid to the right of the video panel).

Below the video panel are controls for the video, the sound (if there is an audio commentary track), navigation to the next station (i.e., the steering wheel), exit to the opening webpage (i.e., the red button) and turning on the guide selection grid (i.e., the yellow button) and displays of the sonar and the submarine depth (related to the current creature/feature).

When a location is selected, a button for the chart book appears. Clicking on this button will change the global map display to the local chart view. Clicking on it again will return to the global map.

Underneath the guide panel there are links to download the guide, access this parent/teacher webpage and send an email to a friend.

About this Interpretation Station

Creature/Feature: *USS Monitor*

Exploration: NOAA "Monitor" Expedition 2002

Exploration Home Page:

<http://oceanexplorer.noaa.gov/explorations/02monitor/monitor.html>

Source of video:

http://oceanexplorer.noaa.gov/explorations/02monitor/logs/jul12/media/02mon_turretvideo.html

http://oceanexplorer.noaa.gov/explorations/02monitor/logs/jul13/media/02mon_underwater_footage.html

Exploration log for the day that the video was made:

<http://oceanexplorer.noaa.gov/explorations/02monitor/logs/jul12/jul12.html>

<http://oceanexplorer.noaa.gov/explorations/02monitor/logs/jul13/jul13.html>

Source of chart:

<http://oceanexplorer.noaa.gov/explorations/monitor01/background/finding/finding.html>

Source of depth information:

<http://oceanexplorer.noaa.gov/explorations/monitor01/background/finding/finding.html>

Source(s) of image(s) used in guide:

<http://oceanexplorer.noaa.gov/explorations/monitor01/history/media/monitor.html>

Related explorations:

Preserving the USS Monitor- 2001:

<http://oceanexplorer.noaa.gov/explorations/monitor01/monitor01.html>

Islands in the Stream, 2001

<http://oceanexplorer.noaa.gov/explorations/islands01/log/sep14/sep14.html>

Additional videos/images:

<http://oceanexplorer.noaa.gov/gallery/cultural/cultural.html#monitor>

http://oceanexplorer.noaa.gov/explorations/islands01/log/sep14/media/monitor_mission_movie.html

Related NOAA educational materials:

<http://oceanexplorer.noaa.gov/explorations/monitor01/history/history.html>

<http://oceanexplorer.noaa.gov/explorations/monitor01/monitor01.html>

<http://oceanexplorer.noaa.gov/explorations/islands01/log/sep14/sep14.html>