

# USS CONSTITUTION

## Virtual Tour Users Guide



May 2012

## **Introduction**

The Virtual Tour is a database application featuring USS CONSTITUTION, consisting of 360 degree “panoramas” displaying all accessible spaces of the ship. The user can navigate to any spot on the ship by following links embedded within the panoramas, or by selecting spots on the deck drawings. Within each panorama the user can scan in any direction and zoom in on any item. Each item of interest is highlighted and listed on an index to enable the user to select the item from the panorama, or if one does not know what the item looks like, selecting the items’s name from the index will cause the item to highlight and be brought to the center of the screen. Within each highlighted item are the following data features (if applicable):

A drawing that either places the item on the ship, or represents the systems in which the item is contained

Further information on the item

Close up high definition still photographs of the item

Note: As with all JAVA based tools, uninterrupted /extended use of this application will monopolize random access memory (RAM) on your computer and may, as a result, introduce errors. Within 30 to 40 minutes of use this will occur; simply exit your internet browser and the system RAM will restore. Older computers may experience a significant delay upon opening the first screen of the tour. Upon opening a panorama, the image will initially appear in black and white, slowly turning to color from the top down to the bottom of the screen. When the image has finished loading the item data will appear, and the panorama is ready for browsing at that time; any attempt to change locations before the image has loaded may cause the image to freeze. If this occurs, select a different image, allow it to load correctly and then navigate back to the target image. This delay will be shorter when subsequent panoramas are opened.

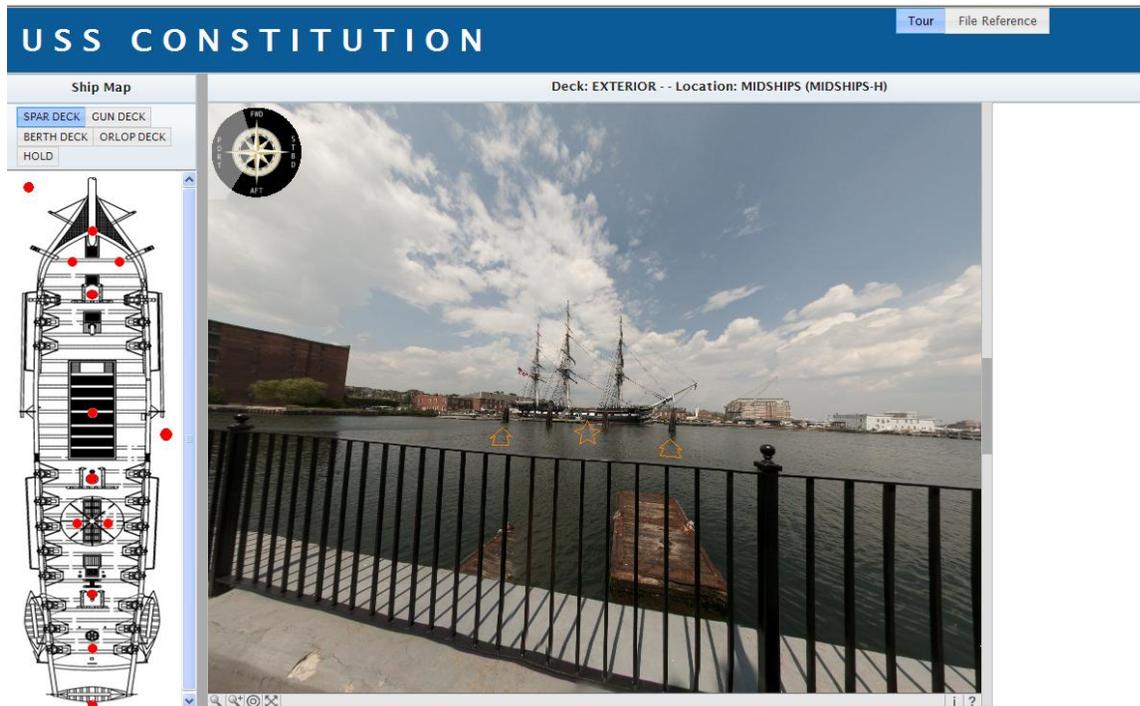
### **Client Side Requirements:**

- Browsers supported: Internet Explorer 6- 8, Firefox 3+
- Requires Java Browser Plug-in
- JAVA version 6. Javascript and Java must be enabled
- Adobe Acrobat Reader

### **Server Side Requirements: None**

## 1. Virtual Tour Navigation

The Virtual Tour opens to the following default page showing the starboard mid-ships exterior view.



Clicking on the “File Reference” tab opens a separate page containing links to the following records:

- Drawing Index – List of drawings linked in the tour.

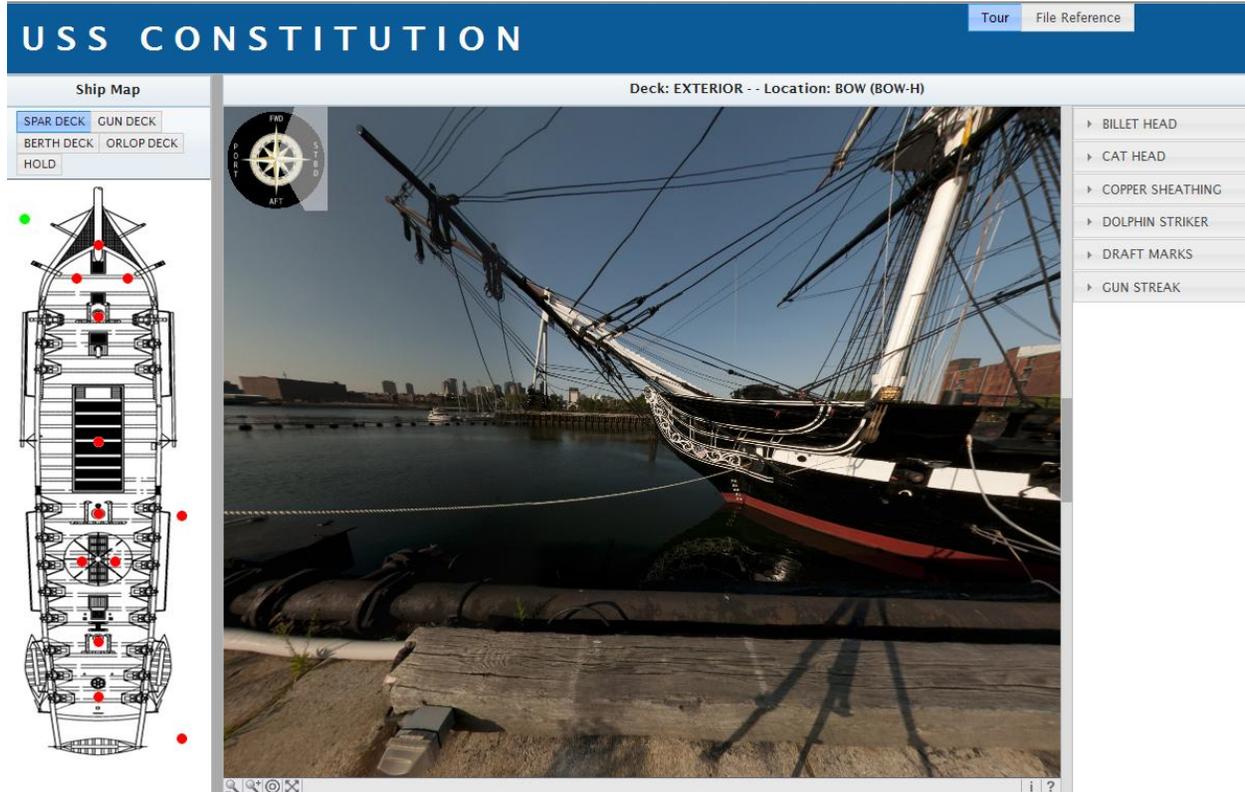
- Further Information – List of additional information

- Photo Index – List of photos, by file name/ description linked in the tour

Items contained in these sections are searchable by drawing number, alpha numeric order, and word.

Selecting the “Tour” key returns you to the active tour.

## 2. Tour Screen Items

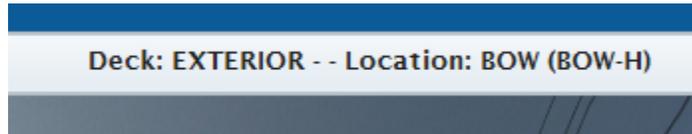


### a. Locations

On the left side of the screen the “Ship Map” drop down menu appears. It contains the names of each deck and displays the corresponding deck plans. The location of panoramas are indicated by red dots on each deck plan. The spar deck is also linked to six additional panoramas not actually on the spar deck: three exterior views and three views taken in the fighting tops (indicated by red dots in the position of the fore, main and mizzen masts). Upon selecting a panorama, the tour will open at that spot, highlighting the active panorama; the red panorama location dot will turn to green, indicating where the visitor is located on the deck plan. In the example above, the center panorama is port bow exterior view.

## b. Location identification block

In the center of the screen above the “Panorama “ and “Panorama Items” drop down is the identification of the deck, location name, panorama location (folder and file) for the panorama active on the screen.

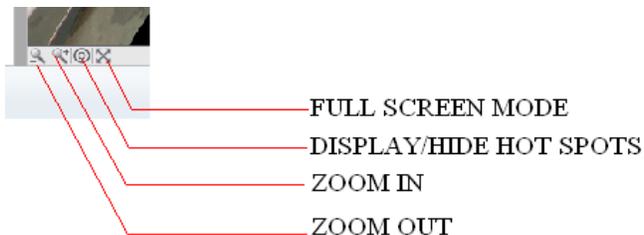


## c. Active panorama

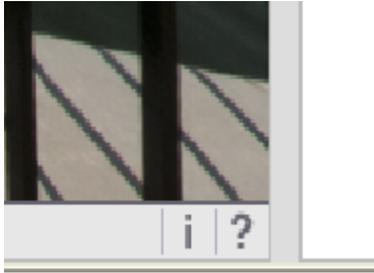
**c.1 Panorama manipulation** - The active panorama appears in the center of the screen. The default opening shows the panorama minimized with all configuration item “hot spots” shown. The dark grey patch in the center of the grey vertical line on the right panorama border will collapse the Panorama Items drop down and enlarge the active panorama. When minimized, the dark grey block will shift to the far right of the screen, selecting it again will restore the items drop down. To navigate the panorama, left click on the panorama and hold the button down while scrolling across the panorama to change your direction of view. You can zoom in by using your mouse wheel (if equipped) or by selecting the magnifying icon from the tool bar at the bottom left of the panorama. Selecting the full screen icon from the tool bar at the bottom of the panorama will open the panorama on the entire screen concealing all other data.

The compass rose at the top left of the panorama indicates the direction you are facing in relation to the bow of USS *Constitution* as well as your field of view.

**c.2 Tool Bar** - The tool bar appears at the bottom of the active panorama. The tabs from left to right achieve the following: zoom out, zoom in, hide/highlight hot spots, show panorama in full screen mode, panorama software information, and panorama screen functions.



On the right bottom of the screen the figure “I” appears which contains general information about the Panorama and General User Interface. The figure “?” contains general information for navigating panoramas.

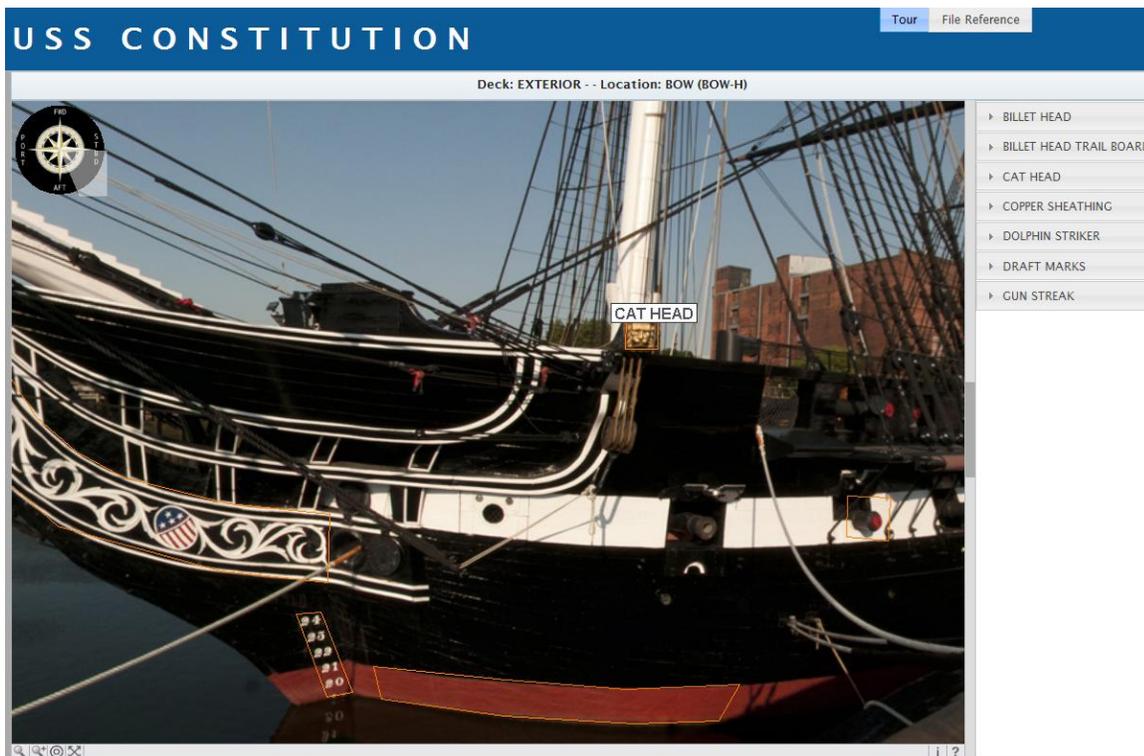


**c.3 Arrows** – Arrows appear in the panoramas on the decks and going up or down ladder ways. When the cursor touches the arrow it displays the title of the next panorama that will open. Clicking on the arrow will open the space to which the arrow is pointing in the active panorama. By using the arrows, one can virtually “walk” from space to space throughout the ship on each deck and between decks in certain spaces.



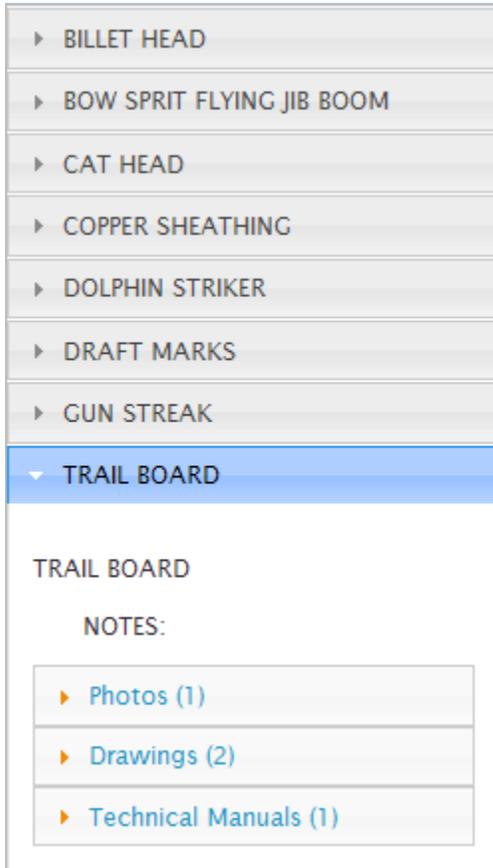
**c.4 Data** While scanning across the panorama, any hot spot that the cursor touches will cause the items description to appear on the screen. The descriptions will appear whether or not the hot spots are in the “show” or “hidden” mode (see tool bar). If you know what the item you are seeking looks like, you can select it by clicking on the hot spot (anywhere within the orange outline of the item on the screen). The hot spot will become bolder and the Panorama Items list will open the data field for that particular item.

If one is not sure what the item looks like, clicking on the panorama item’s name from the drop down on the right will cause the panorama to rotate toward the item, and highlight the hot spot, while opening the Panorama Item data field.



#### d. Panorama Items

The Panorama Items drop down menu contains a list of all pertinent information on the currently active panorama.



When an item is selected, a drop down menu appears containing any of the following:

Photos –High resolution still photos of that area or item on the USS *Constitution*.

▶ Item Data

▼ Photos (3)



▶ Drawings (3)

Selecting the individual photo will open the photo in a separate window and allow for viewing in zoom mode.



Drawings –Select drawings of that area/item aboard USS *Constitution* will appear; nearly all of the drawings are 20<sup>th</sup> century, generally from a restoration period.

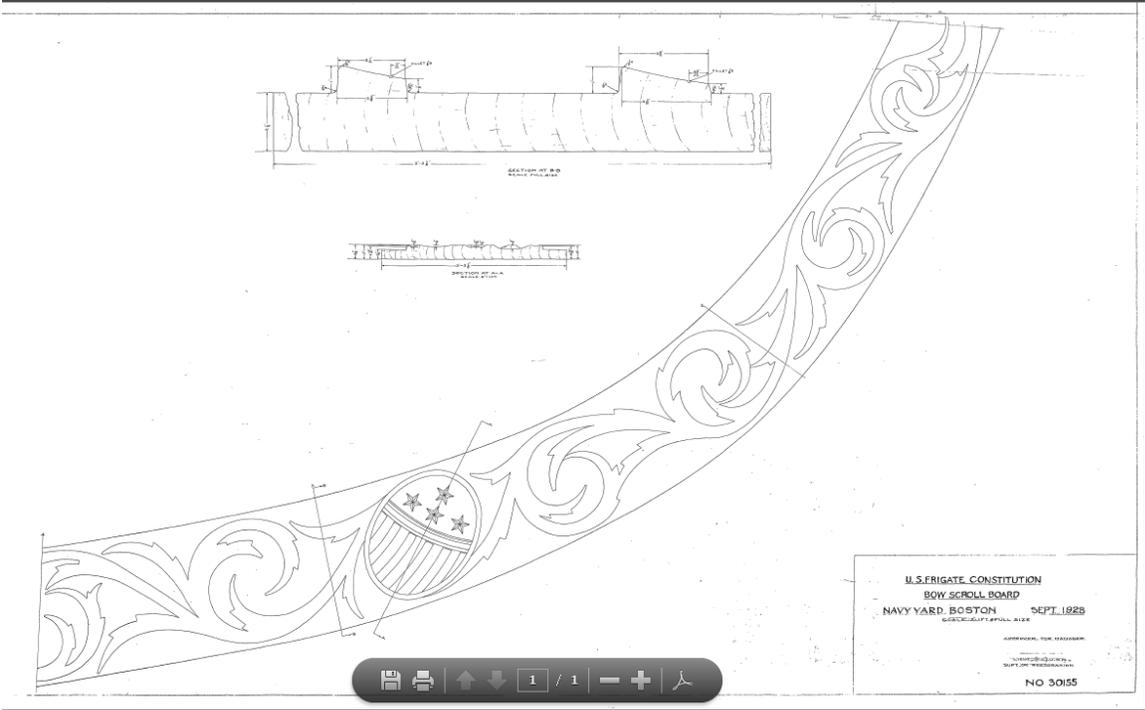
▼ TRAIL BOARD

TRAIL BOARD

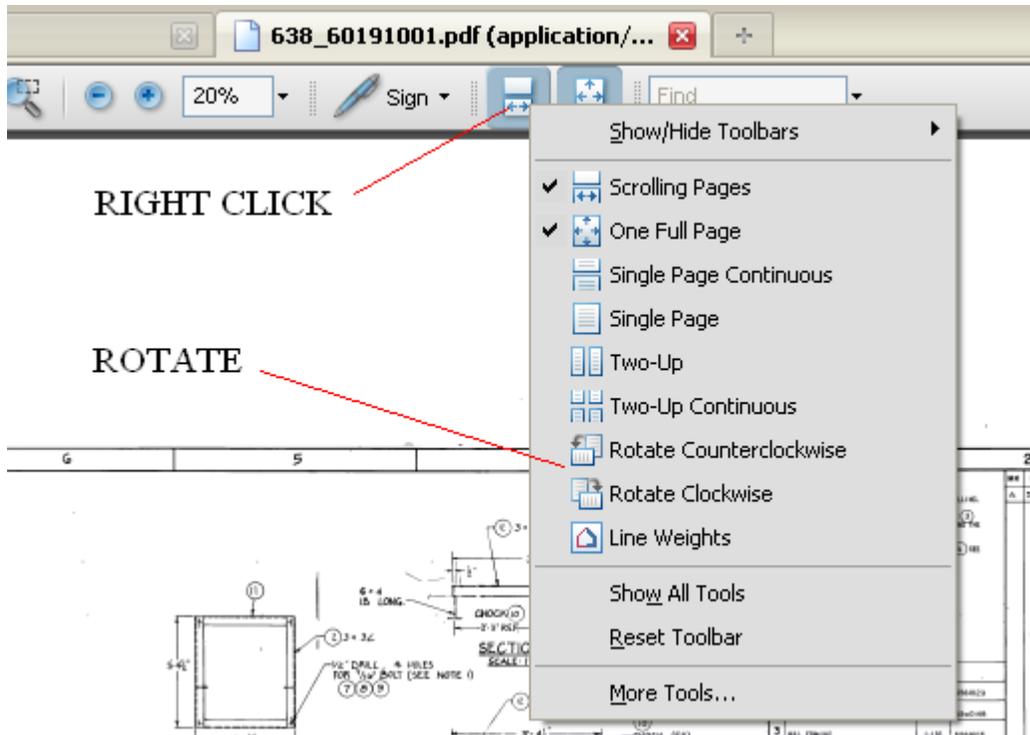
NOTES:

- ▶ Photos (1)
- ▼ Drawings (2)
  - TEMPLATE BOW SCROLL FULL SIZ 24...
  - BOW SCROLL BOARD 30155
- ▶ Technical Manuals (1)

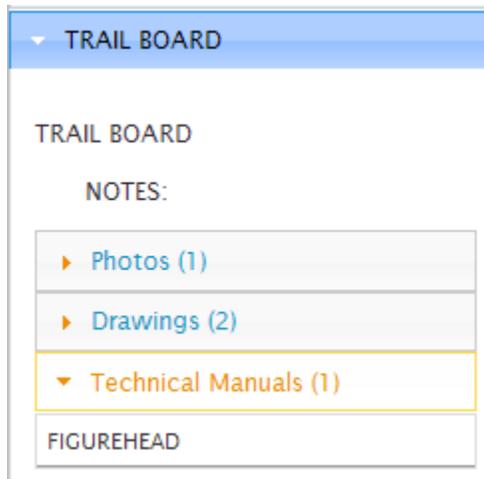
Selecting a drawing will open it in a separate tab.



Drawings and text can be zoomed in and out of and rotated by using the following icon on the Adobe tool bar (which can be accessed through the pop-up too bar that appears at the bottom of the drawing - click on the Adobe icon and up will come the Adobe tool bar):



Technical Manuals - Where “Technical Manuals” appears in the drop down additional historical documents which will open in a separate window, are provided.



**e. Ship Map** – The ship map consists of deck plan drawings from the “Booklet of General Plans”. Plans are included showing all panorama locations for the following levels:

**SPAR DECK** This is the “main” or “weather” deck – The deck plan indicates the location of all panoramas on the open deck as well as the fore, main, and mizzen fighting tops, and the starboard, mid-ships, and stern exterior views.

**GUN DECK** The covered deck that houses the main gun battery on USS *Constitution*; it is the deck directly below the spar deck.

**BERTH DECK** The third deck on USS *Constitution* directly below the gun deck where the crew’s hammocks are slung. The berth deck includes sick bay (forward), the crew’s area, officer’s ward room with their cabins, and the tiller room.

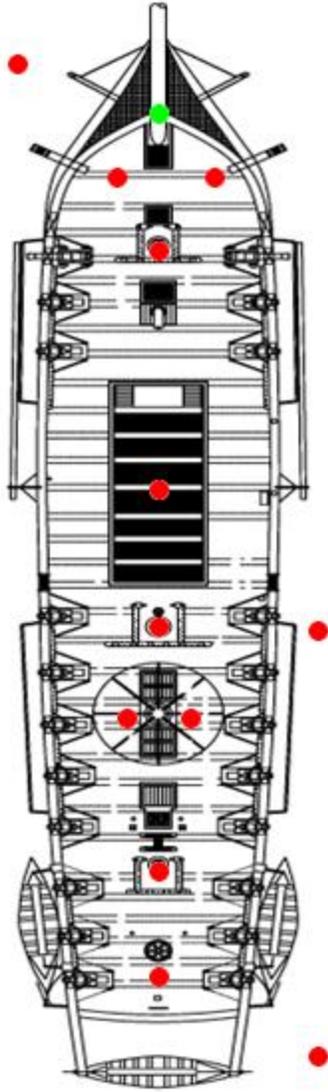
**ORLOP DECK** The fourth or lowest deck on USS *Constitution* where the boatswain’s and carpenter’s had storerooms forward, where the anchor cable was coiled (midships), and where the surgeon’s cockpit for battle surgery are found.

**HOLD** The very lowest area in USS *Constitution*, where the forward and after magazines, the main hold - the largest storage space in the ship - the shot lockers, the locked storage rooms, and the ballast are found.

The five deck plans listed above appear on a tool bar beneath the “Ship Map” title. Clicking on any deck name will open the plan for that deck. When the plan is open, clicking on any panorama (indicated by a red spot) will open the panorama on the active panorama screen, and cause the panorama items screen to display the “hot spotted” items in the active panorama. The active panorama appearing on the screen will be indicated when the red dot locator on the deck plan turns green.

### Ship Map

- SPAR DECK
- GUN DECK
- BERTH DECK
- ORLOP DECK
- HOLD



**f. Compass Rose** – In the upper left hand corner of the active panorama screen a compass rose appears which displays the orientation of view and field of vision of the active panorama in the white shaded section. As you scan a panorama you will notice the white shaded area scans accordingly. When you zoom in, the field of vision will narrow accordingly.



