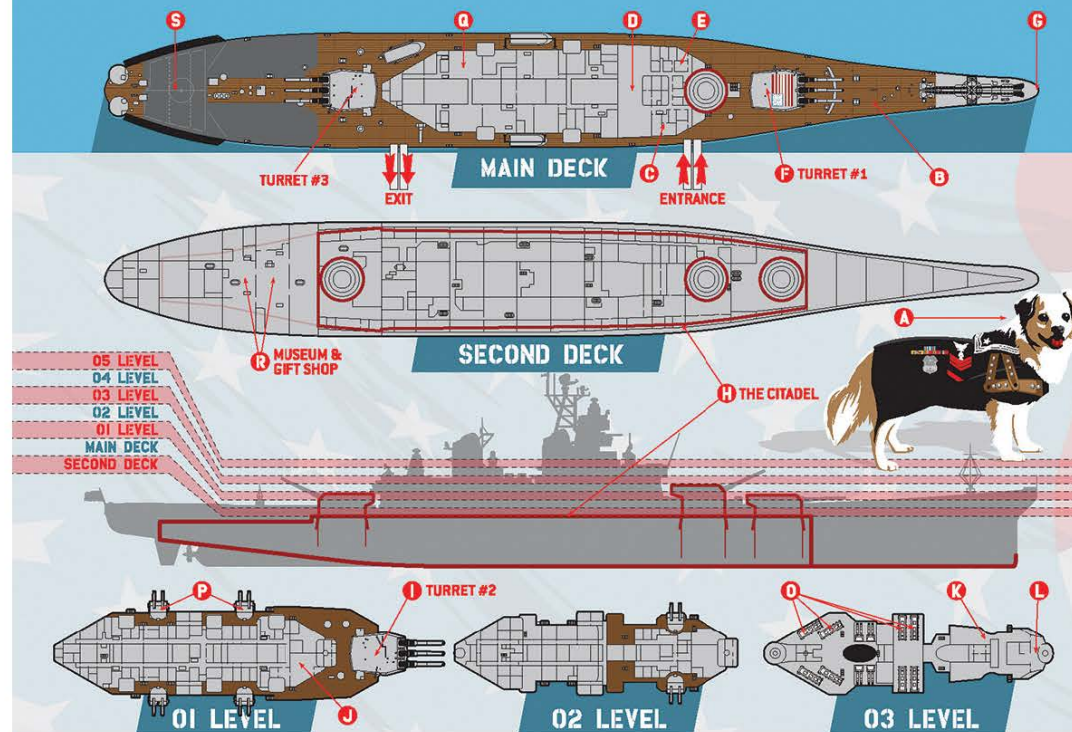


WELCOME ABOARD THE BATTLESHIP OF PRESIDENTS BATTLESHIP IOWA



IOWA 16" GUN TURRETS - 2,000 TONS OF FIREPOWER

- Each gun in the turret could fire and move independently from a 45° elevation to a 5° depression.
- Each 16-inch turret's rotating weight is 2,000 tons with ammunition, as much as a WWII destroyer.
- Turret crews could fire each gun twice a minute, with an overall crew of 77 men in each turret assembly.

1 GUN HOUSE

Turret control and gun compartments, separated by flame-resistant walls. (27-man crew)

2 PAN FLOOR

Pits into which guns were depressed as barrels elevated. It also contained turret machinery. (3-man crew)

3 ELECTRIC DECK

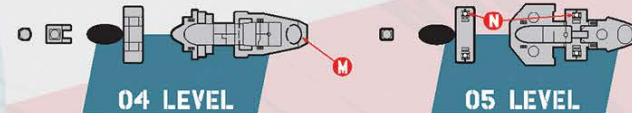
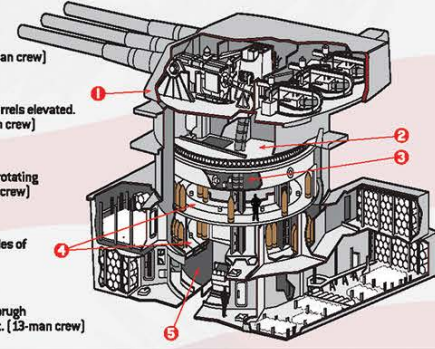
Operating stations for elevating guns and rotating turret as well as other machinery. (4-man crew)

4 PROJECTILE FLATS

Two levels with room for up to 460 projectiles of two kinds per turret. (30-man crew)

5 POWDER-HANDLING FLAT

Powder bags passed in from magazine through flame-proof skuttles and loaded onto hoist. (13-man crew)



A Victory (aka Vicky)

Captain John McCrea's dog, Victory, renamed Vicky by the crew. Captain McCrea was IOWA's first commanding officer and Vicky served as Iowa's mascot until the ship was decommissioned for the first time after World War II.

B Decks - "Why are the decks made of wood?"

A traditional deck material with a direct connection to wooden sailing vessels, it provides better traction than steel during wet, stormy conditions, and does not get as hot as steel under the bright, tropical sun. It also keeps the spaces below deck much cooler as well. Underway, deck cleaning crews would douse the teak with saltwater and scrub it with a "holy stone."

C Executive Officer's Cabin

The Executive Officer was second-in-command for all shipboard operations. Since the XO was the main disciplinary officer, his cabin was a space most sailors preferred not to visit.

D Officers' Wardroom

This large room was where officers ate. Mess stewards served them at tables covered with white linen tablecloths; they ate their meals with sterling silverware from plates of fine USN china dinnerware. Notice the map painted on the bulkhead forward starboard. From the country names on it, you can tell this map dates to the WWII era. Volunteers discovered it under layers of paint during ongoing restoration efforts.

E The Horseshoe

The senior officers' staterooms forward of the wardroom and aft of Turret Two in an area called "The Horseshoe." Although these accommodations were far superior to the enlisted crew berthing areas belowdecks, they were hardly luxurious.

Just before you exit back to the main deck you will see a roped-off, see-through hatch which covers a gunpowder loading path to the ships magazines below.

F Forward Main Battery - 16 Inch, 50 Calibers

As you go back out onto the main deck, look at the turret above you. That is Turret Two; the one in front of it towards the bow is Turret One.

The yellow arrow on the side of Turret Two points to

the spot where Iowa took one of two hits from a Japanese shore battery's 6 inch gun artillery shell while bombarding Mili Atoll.

As you pass Turret One you can watch a short video of a US Navy gunnery training film interact with Iowa vets recalling their own experiences with the big guns.

Stand in front of Turret One to get an up close and personal look at the barrel of a 16"/50 caliber Mark 7 - the most powerful ballistic weapon ever to go to sea aboard an American warship. The 16"/50s had a range of 23.64 miles (38.04 km).

G The Bow

Looking forward up the sloped deck, appreciate Iowa's graceful, narrow lined bow. American naval architects calculated that by adding about 20° of graceful foredeck to the previous battleship design and tapering the hull aft from a wide beam, they could squeeze extra speed from her engines. Iowa class ships hit 33+ knots.

While you're near the bow, look for the faint remnants of welded circles on the deck. They're just beyond the cable fence at the edge of the plywood decking. These circles indicate where Swedish Bofors quad 40 mm/56 caliber antiaircraft gun tubs were welded to the decks.

Before you leave the bow area, take a look at the anchor chains and windlasses. Iowa carried 1080' of chain for each 30,000-pound (15,636 kg) anchor. Those big steel links weigh 128 pounds (58 kg) each.

H The Citadel

The IOWA's designers created an armored steel box about 500' long and about 80' wide, put all the critical components of the ship inside it—the big guns, machinery, fire control, magazines, engines and boilers, communication and navigation systems, and then they built a ship around it. This armored box is called the Citadel, and it extends from just forward of Turret One to just aft of Turret Three below the second deck.

I Turret Two

On the starboard side of Turret Two outside the Captain's Cabin you will pass a plaque mounted to the side of the turret. This plaque memorializes the forty-seven men who perished in an explosion inside

the turret on April 19, 1989. At about 0953 the powder charge in the center gun detonated while the breech-block was open. Each year on April 19th former crewmen gather here to remember their shipmates and commemorate their lives.

J Captain's In-Port Cabin

Captain McCrea, Iowa's skipper for Roosevelt's historic trip to the Cairo and Tehran Conferences, graciously offered the president his in-port cabin for the duration of the trip. CPT McCrea had two other at-sea cabins at his disposal.

Because of FDR's inability to take showers due to polio, the first bathtub aboard a USN vessel was custom built for his stay. Just off the sleeping quarters you will see the famous "FDR bathtub."

K Signal Bridge

The 03 Level Signal Bridge has identical stations port and starboard. Note the canvas-covered flag locker as you make your way forward toward the flag bridge. Several sets of signal flags were stored in these.

L Flag Bridge

The 03 Level Flag Bridge is your next stop. IOWA was designed as a flagship that could carry a task force commander who would direct the movements of his group's ships.

Among the four ships of her class, only IOWA's 03 level conning tower was armored.

M Navigation Bridge

The captain's chair is on the starboard side of the 04 Level Bridge. The eagle stitching on the chair signifies his rank.

The 12.3 inch thick armored conning tower occupies the center of this space and protects the helmsman as he steers the ship.

N 05 Level

This is the top of the armored conning tower, the gunnery officers position.

As you move aft on the 05 level you will get a closer look at the replicas of the 20 mm Phalanx CIWS guns. The four CIWS mounted aboard Iowa provided 360° protection against incoming enemy anti-ship missiles. The round tubes with the red tops mounted just below the CIWS are the Super Rapid Blooming Offboard

Chaff (SRBOC) decoy launchers. These dispensers launch decoy flares or chaff (strips of aluminum foil) to confuse the infrared or radar seekers of incoming air- or sea-launched enemy missiles.

O ABL Decks

These two decks that did not exist during Iowa's WWII and Korea tours. These platforms were installed during the 1983 modernization to accommodate eight Armored Box Launchers (ABL). The real ABL's would each house four state of the art BGM-109 Tomahawk cruise missiles.

Aft of the Tomahawks, you will see our replica RGM-84 Harpoon missiles, located in quad launchers on both sides of the ship. Harpoons are anti-ship missiles with a range of about seventy-five miles.

P 5 Inch Gun Mount

From the aft ABL deck, the tour route leads down to a narrow deck behind one of the 5" gun mounts.

Q Crew Quarters

Back on the main deck, the tour route will lead you through one section of the enlisted berthing area. Volunteers have restored this space to its Cold War arrangement.

The original enlisted berthing areas were spread to nooks and crannies all over the ship. The "stacks" of canvas-sling bunks were five-high, leaving little headroom for the man at the top!

R Galley/Mess Deck Museum/Gift Shop

The tour route leads you to the last ladder you will have to descend; it takes you to the enlisted men's galley on 2nd deck. This large commercial kitchen often served 8,000 hot meals a day!

Walking aft you will pass through a watertight door that takes you to the enlisted mess (meal area). The blue painted bolts on the bulkhead indicate that you have just left the top of the Citadel, the armored box that protects Iowa's mechanical innards that you learned about earlier in the tour.

What you see today is only half of the original mess deck. The rest of the space has been converted to a lighted display area with panels that trace more of Iowa's history and explain her place in the world of warships.

Before you head up the ladder to main deck, be sure to visit Iowa's gift shop, in the same place as her original ship's store, though expanded somewhat.

Here you can buy everything from the smallest keepsake, to IOWA-branded clothing, books of interest to the military historian in you, and fine collectibles to serve as a reminder of your visit today. Part of the proceeds of every sale goes to the ongoing (and expensive) restoration of this proud ship.

S Fantail/Exit

When you go back up to the main deck, but before you leave the ship, take a moment to walk around the large fantail. During the Pacific War, this area held two catapult-launched floatplanes, the Vought OS2U Kingfisher (and later the Curtiss SC Seahawk) and their recovery crane.

The pilots of these planes helped to spot the fall of shot for the gun crews, better to "zero in" on their targets. They were also used in search-and-rescue operations. During the Korean War, Sikorsky R-6 helicopters replaced the floatplanes and catapults.

In the 1980s these marvels gave way to radio-controlled Pioneer 30-2A unmanned aerial vehicles (UAV), used to provide over-the-horizon surveillance and targeting data for the ship's operations.

Right through her last deployment, at the end of a forty-five-year service career, IOWA was host to cutting-edge technology, the very latest that American know-how could produce. As she steamed on any ocean and into any conflict, USS IOWA, Battleship BB-61, and her faithful crew never failed to CELEBRATE THE AMERICAN SPIRIT.

