
By Matt Woods, VP Facilities, Engineering & Security

Since December 5, 2006, when the Intrepid began her long-awaited trip to Bayonne, N.J., the Intrepid’s Operations and Maintenance Departments have been extremely busy.

The Intrepid has been through a successful dry-docking in Bayonne, N.J., and towed to Staten Island Homeport Pier where she has been berthed for the past 15 months, receiving extensive interior renovations. The Operations staff has removed thousands of pounds of extraneous piping and miles of wiring in order to “peel back” the infrastructure to the base systems. They have completely revamped the ship’s entire sprinkler and standpipe system, refurbished the ship’s HVAC system, rerouted all potable water and sewage systems, upgraded the closed circuit television and fire alarm systems, and replaced approximately 3,000 incandescent light fixtures with energy-efficient fluorescent fixtures.

Our objective is to have all systems up and running on both the ship and Pier 86 to allow for a smooth “hook-up” and test of utilities when the ship arrives back home in Manhattan on October 2. Before the ship comes back to Pier 86, the Flight Deck and all public areas of the museum will be repainted, the hull’s paint will be touched up, and the entire museum will be completely cleaned. The office space on the Gallery Deck has been completely renovated, along with the installation of new air handlers and chill water piping to the Gallery Deck offices. We also have been working with Otis Elevator to make the port side elevator operational and have refurbished the aircraft elevator decks.

This is above and beyond the $8 million exhibit restoration and refurbishment project that continues throughout the Hangar Deck.

The project management for the design, permitting, demolition and reconstruction of Pier 86, a $65 million pier at the northern end of the Hudson River Park Trust, was only one aspect of the overall project. We have maintained our schedule for completion and will be substantially complete by November 1, 2008.

Currently at Pier 86, we are pouring finish concrete, installing precast pavers along the western edge of the pier, and installing light fixtures along the pier edge and stairs and elevator towers. The elevator cab is being installed in one of our new towers which is a beautiful 65-foot glass enclosure servicing both the Flight Deck and Hangar Deck. This is the first time visitors will be able to have direct access to the Flight Deck.
Dear Intrepid Member:

It is incredible to think that Intrepid has now been closed for almost two years. The staff is counting down the days until we return and reopen with a host of new and exciting interactive exhibits, refurbished aircraft, newly opened spaces and a brand new, park-like pier. And, we are looking forward to our Members sharing in all of the excitement.

The restoration and renovation to Intrepid’s exterior surfaces and interior spaces offer the visitor a completely new experience from first glance onward. More than 20 aircraft have been completely restored, a number of them now again bearing paint schemes and squadron markings they actually carried when first flying. The pure fabric of the ship has been uncovered, so that the visitor can experience the true texture and integrity of the interior of the ship. New spaces, never before seen by the public, have been restored and unveiled, offering visitors a behind-the-scenes look into the lives of the 3,000 men who lived aboard Intrepid at any given time. And finally, a series of new and exciting interactive exhibits have been installed, offering a complete and fluid journey into the history of Intrepid and its significance through major world events. The world’s fascination with the stoic machine itself is depicted through rare historic artifacts, graphics, and interactive stations, as are the human stories - stories of the crewmembers who served aboard this mighty ship and their acts of heroism, service, and sacrifice.

In addition, Pier 86, home to Intrepid, has been completely rebuilt, offering park-like amenities and an inviting oasis to visit on the west side of Manhattan. On the Pier, tour the British Airways Concorde, the Growler submarine, or take a ride in our Flight Simulator.

We are unveiling a brand new web site, allowing the visitor to be taken on the journey of Intrepid. Learn about the original artifacts on display that tell their own stories, the vast amount of daily fun and educational programming for families and groups of all ages, our school and camp programming, overnights and more.

Intrepid and its team are looking forward to welcoming you back to enjoy all we have to offer.

Regards,
Susan Marenoff
Executive Director
Discovering the Treasures of Admiral “Jocko” Clark

By Britta K. Arendt, Collections Manager

As the Intrepid Museum’s new Collections Manager, with previous experience in small museums across Chicago, making the move to New York City and the Intrepid itself have introduced me to fascinating artifacts I would never have encountered at other museums.

Among these treasures that I can now experience are the collections of memorabilia from past carrier commanders. Some of these men commanded the USS Intrepid throughout her Navy service, while others commanded the Intrepid’s sister ships of the Essex-class. Their stories help us understand the histories of these carriers and the men who served on them.

One of the Intrepid Museum’s most important collections is that of Joseph James “Jocko” Clark, which was generously donated by his widow, Olga. Clark was the most celebrated and fearless commander of the Essex-class carriers during World War II, and the first commanding officer of the USS Yorktown (CV-10), which played a key role in carrier raids during the second half of 1943. In 1944 he was promoted to Rear Admiral, raising his flag on the USS Hornet (CV-12) and leading a group of carriers within a task force to the Pacific. Clark’s planes played a prominent role during the Battle of the Philippine Sea.

Following actions surrounding Iwo and Chichi Jima in mid-June, the task group was ordered to return to Eniwetok for rest and refueling. Clark, however, sought permission to strike against Iwo and Chichi Jima yet again. Vice Admiral Mitscher, commanding the entire task force, began referring to this chain of events as “Operation Jocko.” Clark’s interest (or obsession, as some would consider it) in the “Jimas” had become so renowned that Navy pilots began printing stock certificates for what they coined the “Jocko Jima Development Corporation.” Similarly, a series of cartoons depicting the fearless leader in action began to appear as he continued on his quest. Over the next several months, Clark commanded a total of four assaults on the “Jimas,” and received support for yet a fifth attack on Iwo Jima in February 1945.

Clark was detached from sea duty in June 1945, and soon after returned to the United States. His military career continued for several more years before he finally retired as a Four-Star Admiral in 1953. Throughout his career Clark was decorated with the Navy Cross, the Distinguished Service Medal, the Silver Star Medal, the Legion of Merit, the Navy Commendation Medal, and the Korean Order of Military Merit. On July 13, 1971, Clark died and was buried with full military honors at Arlington National Cemetery.

Among the array of “Jocko” Clark memorabilia in the museum’s collections are two items that will be part of our new exhibits: one of his officer’s dress hats and an original ink drawing cartoon of Clark, “Jocko on the Warpath,” referencing his uncompromising attitude in the face of battle, as well as his Native American heritage. Other artifacts that may be put on display in the future include copies of the famous “Jocko Jima Development Corporation” certificates. Come visit the museum to see these great treasures attesting to the legacy of Admiral “Jocko” Clark and other great commanders of Essex-class carriers.

These three artifacts are just a small sample of the photographs, uniforms, diaries, and other personal items that will appear in our new installation. Come discover the other Intrepid stories that our collection has to tell.

Printed stock certificate of the “Jocko Jima Development Corporation”

Original ink drawing cartoon of Clark, “Jocko on the Warpath”
THE INSCENE

Membership Update

By Christine Goonan, Membership Manager

The membership department has been hard at work developing some new benefits and two additional membership categories.

I am pleased to announce that the Intrepid Museum has added the New York City Police Museum to its list of reciprocal museums that you can visit free of charge. The New York City Police Museum is located at 100 Old Slip in downtown New York. Don’t forget that you can also visit:

- The New York Hall of Science
  www.nyhallsci.org, 718-699-0005
- Battleship New Jersey
  www.battleshipnewjersey.org, 866-877-6262
- Liberty Science Center
  www.lsc.org, 201-200-1000
- USS Midway
  www.midway.org, 619-544-9600

Corporate Gift Matching:
A Great Way to Multiply the Impact of your Gift.

Many companies have programs through which they will “match” the charitable contributions made by their employees. If your employer does offer this program, your Human Resources Department can give you a matching gift form for you to complete and send to the Intrepid Museum along with your donation. Our Development Office will verify receipt of your gift and return the form to your company for matching funds. This is a simple, but powerful way to “honor our heroes, educate the public, and inspire our youth.” Please contact our Development Department for more information at 212-492-5113.

Student Membership is available for full-time students enrolled at an accredited high school, college, or university only. A photocopy of a current student ID must be provided with the application. Some of the benefits that a student member will receive are:

- Unlimited free admission for one student
- Access to members-only web site section
- Discounted tickets for programs and previews
- Two exclusive invitations to members-only programs and events
- Membership quarterly newsletter

Intrepid Net Membership is a great choice for Internet users. This membership does not provide admission to the museum, but rather a virtual museum experience through our new members-only section on our web site. Benefits include:

- Downloads, video clips, virtual tours
- Online information for all programs, events, and news
- 15% discount at the Intrepid Museum online store

All members will receive a new membership card(s) and membership information prior to the Intrepid Museum’s reopening. If you have any questions regarding your membership, please contact the Membership Department at 212-957-3706 or membership@intrepidmuseum.org. We look forward to seeing you soon!

Volunteers Needed

If you have a few hours a month that you can contribute and are interested in volunteering on one of New York City’s biggest icons, give us a call. Please contact the Volunteer Department at 212-492-5110 or email us at volunteer@intrepidmuseum.org. Additional information and a volunteer application is also available at www.intrepidmuseum.org

Visit www.intrepidmuseum.org today.
With summer already a memory, Education is geared up for an action-packed fall!

During summer 2008, the museum’s education team spread out across New York City’s five boroughs to bring our unique educational and fun programming to more than 500 children and adults in libraries, community centers and senior centers. Participants carried out scientific experiments and, through interactive presentations and discussions, learned about the Intrepid’s valiant history and the effect WWII had on American culture. They also interacted with the museum’s vast collection of artifacts, thus catching a glimpse into the Intrepid’s heroic past. Judging from the rave reviews the education team received from so many participants, their mission was accomplished.

The museum’s educators were also in demand to share their expertise with summer campers. In partnership with Friends of Hudson River Park, approximately 2,000 children from around the city boarded the legendary paddleboat Queen of Hearts. Young “sailors” learned about biomes and marine life in and around the Hudson River and demonstrated their understanding of sinking and floating by designing, creating and testing their own boats for buoyancy.

With the arrival of fall 2008, museum educators will continue to reach our city’s youth, especially underserved audiences both on and off the ship, with its rich array of fun, energetic and rewarding educational programs. With generous funding from New York City’s Department of Cultural Affairs and Con Edison, among others, they will provide on-ship programs to thousands of New York City’s public school students. In addition, thanks to Motorola Foundation’s generosity, museum educators will advance eighth graders’ knowledge of math and science topics through our G.O.A.L.S. (Greater Opportunities Advancing Leadership and Science) for Girls program. Working with four single-sex public schools in New York City, this stimulating program culminates aboard the Intrepid with a Youth Leadership Conference, giving these students the exceptional opportunity to meet women leaders whose careers are anchored in science.

Throughout fall and winter, children who are hospitalized for short and long-term illnesses will have the opportunity to experience our exciting programs. In this unique situation, museum educators visit New York City Hospital Schools to bring these students the same hands-on activities and discussions school students receive when taking field trips to the Intrepid. Support from Build-A-Bear Foundation and the Max and Victoria Dreyfus Foundation made these in-hospital programs possible.

Intrepid Museum has returned to its pier at West 46th Street and reopens to the public on November 8, 2008. The newly renovated museum will feature an array of restored aircraft and crews’ spaces as well as a fully refurbished hangar deck, complete with an interactive education area called the Exploreum. Dedicated to hands-on family learning for kids of all ages, the Exploreum contains four interactive zones, one for each of the four thematic educational subject areas of the museum: Sea, Air, Space and Life at Sea aboard Intrepid. With more than 20 learning spaces from which to choose, there will be no shortage of fun. With multiple educational activities for kids and their families, children and adults alike will laugh and learn as they climb into a model Gemini space capsule, experience lying in a sailor’s bunk, test aircraft wing designs in a life-size wind tunnel and discover the feeling of floating on water in a recreated Intrepid lifeboat, to name but a few.

Also premiering in fall 2008 is an educational web site, made possible through substantial support from the Tawani Foundation. This web-based Intrepid Adventure will engage kids nationally and abroad in the wonders of the Intrepid Museum, through online games and explorations.

Create your own Intrepid experience! Visit our new exhibits and restored aircraft, enjoy our park-like pier, engage in interactive experiences with our education team, immerse yourself in the wonders of the Exploreum and log on to our educational web site. Keep yourself up-to-date on all our new and exciting programs by logging on to the Intrepid’s web site.
Aircraft Restoration Update

By Eric Boehm, Manager of Aircraft Restoration

This summer has been an exciting time for me, and for our volunteer staff, as we get the aircraft ready for the grand reopening. Sometimes it feels like we just closed yesterday, and here we are making plans for the big day!

Our F3D Skyknight has been rolled out of the hangar sporting a new paint job. The markings on this aircraft represent the Skyknights used by the U.S. Marine Corps during the Korean War. Marine night fighter squadron 513 (VMF(N)-513) received its first jet-powered Skyknights in the summer of 1952, replacing the older piston-engined F4U Corsairs and F7F Tigercats which were designed for use in World War II.

The Skyknights brought a more powerful weapon to the fight, the AN/APQ-36 radar system. Manned by an enlisted radar operator sitting next to the pilot in the cockpit, the new radar gave the Skyknight a winning edge in nighttime combat. Aircrews of VMF(N)-513 distinguished themselves quickly when, in November of that same year, they made aviation history with the first radar kill on an enemy jet aircraft at night, when Major William T. Stratton Jr., and Master Sergeant Hans Hoglind shot down an enemy Yak-15. The squadron would eventually claim a total of six confirmed night kills in the F3D. Our aircraft is painted in the markings of ship number 2, the “Black Widow,” a nickname gleaned from the all-black paint scheme the aircraft used in their night missions. The new paint job also honors Major James P. Weaver and his radar operator Master Sergeant Robert P. Becker, who scored a nighttime victory over a MiG-15 in January of 1953.

“Manned by an enlisted radar operator sitting next to the pilot in the cockpit, the new radar gave the Skyknight a winning edge in nighttime combat.”

Speaking of MiGs, our newly acquired MiG-15 and MiG-17 will be delivered soon. Both aircraft were purchased after we closed and were shipped directly to the Thomarios Company in Akron, Ohio, for repainting. The MiG-15 will be painted in North Korean markings and will stand in contrast to our U.S. Navy aircraft from the same era, namely the F-8 Crusader and A-4 Skyhawk.

I am also thrilled to announce that the aircraft restoration department is no longer a one-man show. Kevin Banat, Aircraft Restoration Specialist, is our...
“The MiG-15 will be painted in North Korean markings and will directly reflect the adversaries that the Skyknight faced during the Korean War.”

newest full-time staff member. Kevin brings with him several years of experience as a U.S. Air Force aircraft crew chief. He is digging right in and has taken over the F-4 Phantom refurbishment project.

Once again, I must recognize the hundreds of hours of hard work contributed by the finest volunteer group I have ever had the privilege to work with. They include Pete Cea, P.J. Aronica, Carmine Stoffo, Dina Ingersoll, Pat Albana, Hong Wong, and Dan Blaich. To date, we have repaired and repainted six aircraft on-site and we plan to get at least three more done before we reopen. None of this would have been even remotely possible without them.

Next up is our F-4 Phantom. I have made contact with the pilot that flew our aircraft over Iran during the aborted hostage rescue mission in April of 1980. There will be more details on this project next time, so stay tuned!

Our dedicated team of restoration volunteers; (top left) Dina Ingersoll, Pete Cea, Pat Albana, P.J. Aronica, Hong Wong, Eric Boehm, Manager of Aircraft Maintenance; (bottom left) Dan Blaich and Kevin Banat, Aircraft Maintenance Specialist.
Can you identify the parts of this plane?

Get out your coloring tools and let’s begin!

- Color the **landing gear** green.
- Color the **fuselage** blue.
- Color the **propeller** red.
- Color the **wings** brown.
- Color the **rudder** purple.
- Color the **cockpit** orange.

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**SCUTTLEBUTT**

**Q**: Russian Cosmonaut Yuri Gagarin, who became the first person to orbit earth on April 12, 1961, flew the same plane at the start as well as at the end of his career. On March 27, 1968, his plane crashed, tragically killing the famed space traveler and another pilot. What type of plane did Yuri fly?

**Enter to win an Intrepid Museum tote bag by sending your answer by email to membership@intrepidmuseum.org or mail to:**

Intrepid Sea, Air & Space Museum Membership Department/Scuttlebutt
46th Street and 12th Avenue, New York, NY 10036

Please include your name, address, telephone number and email address with your answer. One (1) winner will be notified. All answers must be received by October 20, 2008, at 9:00 a.m., EST.

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**EVENT LOG**

There’s always something new to explore at the museum complex. Join us for these upcoming events.

- **October 2, 2008** - Intrepid is tugged backed to Pier 86
- **November 8 – 9, 2008** - Intrepid’s Reopening Celebration Weekend
  Educational Demonstrations, Interactive Pier Displays, Band Performances, Fireworks Saturday Night, and more!
- **November 11, 2008** - Veterans Day Celebration
- **December 13, 2008** - Member Event - Save The Date!