INTERACTIVITIES

Across
2. Nickname of an optical landing system aboard an aircraft carrier.
6. A unit of measurement, equal to one nautical mile per hour for boat and wind speed.
7. The deck on a ship where meals are eaten.
10. The name of the space shuttle arriving at the Intrepid this Summer 2012!
11. Space where food is prepared on a ship, never called a kitchen.
13. World’s oldest existing and the only intact nuclear missile-carrying submarine open to the public.

Down
2. Two of these types of Japanese planes struck the Intrepid on November 25, 1944, causing the death of 69 men aboard and resulting in the worst attack in Intrepid’s history.
6. A unit of measure, equal to one nautical mile resulting in the worst attack in Intrepid’s history.
7. Luxury commercial airplane that holds the world record for the fastest trans-Atlantic crossing.
8. A room where pilots are instructed and wait for orders.
9. Wheel that steers the ship.
12. At, near or toward the rear end of a ship.

Answers to the Crossword Puzzle:

FEBRUARY 18-26, 2012 - 10:00 a.m. - 5:00 p.m.

SCUTTLEBUTT

Q. Created by the philosopher and mathematician Arthur Young, this was the first helicopter in the world to receive civil certification, and the first one to be truly mass produced. What is the name and model of this helicopter? What was its function?

Answer: During the Korean War (1950-1953), this helicopter was nicknamed the “Angel of Mercy.”

Enter to win an Intrepid Museum tote bag by sending your answer to membership@intrepidmuseum.org or by mail to Intrepid Sea, Air & Space Museum Membership Department/Scuttlebutt 25th Avenue and 46th Street New York, NY 10036

Include your name, address, telephone number and email address with your answer. All answers must be received by March 26, 2012.
MESSAGE
from the President

“This spring, one of the most exciting events in the history of New York City will take place when Space Shuttle Enterprise is flown aboard a 747 to John F. Kennedy Airport.”

Dear Member,

Greetings from the Intrepid, and a happy and healthy New Year to all.

Throughout 2012 we will be celebrating our 30th Anniversary as a Museum here on the Hudson River. Since we first opened our doors on August 3, 1982, the Intrepid has been dedicated to building awareness and understanding of history, science and service through its collections, exhibitions and public and educational programs. Our mission – to honor our heroes, educate the public and inspire our youth – continues today. We look forward to celebrating our past, in addition to looking toward a thrilling future with you, throughout this year.

Kids Week, one of our favorite times of the year, will take place February 18–26. This year’s special programming partners include Ringling Brothers, the New York Rangers, Central Park Zoo, Bronx Zoo, New York Aquarium, United States Tennis Association (USTA), Broadway’s Anything Goes, Godspell, Priscilla, Queen of the Desert and Sister Act, Puppetry Arts Theatre, Jemini’s Aquarium and more.

Ship Shape: Nautical Scale Models is an exciting new temporary exhibition that examines the detailed process of building model ships. The exhibit consists of dozens of artifacts including model ships, vintage toy ships, a variety of antique model kit boxes, a mock-up of a modeler’s workshop showing the building of a model ship being in progress and illustrations that demonstrate how models are constructed. Among the highlights of the exhibit are models of the Battleship New Jersey, which served during WWII, the Korean War and Vietnam, and USS Constitution, the oldest commissioned vessel afloat in the world. Be sure to head up to the Welcome Center Gallery to experience this unique exhibition that is now open through July 8.

In March we will celebrate our second annual Salute to Women, a celebration in honor of women who have served our nation – both in military uniform and out – with programs and events designed to honor, educate and inspire the next generation of female leaders.

This spring, one of the most exciting events in the history of New York City will take place when Space Shuttle Enterprise is flown aboard a 747 to John F. Kennedy Airport. After a few weeks of preparation, she will be barged to the Intrepid Sea, Air & Space Museum Complex and craned onto our Flight Deck where she will take up temporary residence in a climate-controlled pavilion. The public will be able to see Enterprise on display this summer.

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The month of May will bring Fleet Week, our annual salute to the men and women who serve our nation’s military. Each year we host a variety of popular activities and events that include athletic challenges between groups of visiting members of the armed forces, military displays and demonstrations, live entertainment throughout the weekend and culminating with a special and poignant Memorial Day ceremony.

We thank you for your continued support of the Intrepid Museum. Please make sure to check out our full calendar of events at intrepidmuseum.org.

Best Wishes,

— S. Marenoff-Zausner
President

CURATOR’S CORNER

New Temporary Exhibitions

By Jessica Williams, Curator of History

Women test pilots at Grumman (Grumman History Center)

2012 promises to be an exciting 30th anniversary year for the Intrepid Museum. The Exhibitions Department is excited to kick off the year with two new special exhibitions. One exhibition offers a glimpse at the art and craft of ship model building, while the other celebrates female pilots who served their country during World War II.

Women in Aviation: World War II

In 1910–1911, 10 women in Europe and the United States became certified pilots. Three decades later, female pilots were serving their countries in a variety of roles during World War II. The special exhibition Women in Aviation: World War II will explore the accomplishments of women aviators during this transformational period. Artifacts, photographs and video bring to life the inspiring stories of these pioneering women.

A brief survey of women aviators during the 1920s and 1930s leads toward an examination of female pilots’ contributions during World War II (1939–45). Women in Aviation illuminates the contributions of American female pilots who served in a variety of capacities. The Grumman Aircraft Engineering Corporation in Bethpage, New York hired three women to join its test pilot ranks. Women in the Civil Air Patrol New Island liaison, fire watch and other missions. The Women Airforce Service Pilots served as civilians in the Air Force. Their duties included ferrying military aircraft, towing targets for gunnery practice and transporting cargo. In addition to highlighting American pilots, the exhibition compares the participation of female pilots in the United Kingdom and the Soviet Union.

Women in Aviation: World War II will be on view in the special exhibition gallery in the Hangar Deck, March 1 through July 8, 2012.

Ship-Shape: Nautical Scale Models

Ever marvel at a model ship and ask, “How did they build that?” Or, perhaps, “Why did they build that?” A fascination with history, technology and the sea has stirred ship model builders for thousands of years. Ship-Shape explores variations of two famed U.S. Navy ships: the frigate USS Constitution, which became famous during the War of 1912, and the battleship USS New Jersey (BB-62), which served alongside Intrepid during World War II.

Ship-Shape draws on the Intrepid Museum’s collection, as well as loans from other institutions and collectors, to reveal the methods that model builders use to construct their highly detailed creations. A modeler’s workbench offers a peek at the tools of the trade, while World War II nautical toys illustrate children’s fascination with ships. From wartime cardboard models to ships in bottles, and from plastic kits to scratch-built masterpieces, Ship-Shape highlights the dexterity, ingenuity and artistry embodied in these popular objects.

Ship-Shape: Nautical Scale Models will be on view in the Welcome Center Gallery (take the stairs or elevator to the second floor) February 4 through July 8, 2012.

Model of USS Constitution (USS Constitution Museum)

Questions? Call 646-381-5030.

p. 2

p. 3
Throughout all of 2012, the Intrepid Sea, Air & Space Museum will be celebrating its 30th Anniversary. The Intrepid Museum opened her doors to the public on August 3, 1982. We invite you, our members, to join in this celebration — to visit the Museum and to keep visiting our Anniversary page at intrepidmuseum.org to learn more about the Museum’s history and special events planned.

**Winter Events at Intrepid!**

**KIDS WEEK**

February 18 - 26

Kids Week 2012 is Intrepid’s annual celebration of all things kids! Our out-of-this-world partners offer nine jam-packed days of thematic, family friendly, hands-on fun. Kids Week is the coolest place to warm up this February break! Please check the Members Only section of our website for specific member programming.

**SALUTE TO WOMEN**

The Intrepid Museum will kick-off Women’s History Month with the opening of a special women-focused exhibition, Women in Aviation: World War II. Intrepid aspires to use this month to educate, inspire, and celebrate women’s contributions through targeted programming and to inspire next generation of women to become leaders. Please make sure to check the calendar of events for the most up-to-date information.

Throughout the month of March Intrepid will host three events for women that include:

- **New Exhibit opening**
  - **March 1**
    - Women in Aviation: World War II

- **MONTHLY PROGRAM THEMES INCLUDE:**
  - Health & Sports Day
  - Science & Engineering Weekend
  - Meet the Pilots Day
  - Girl Scout Day

**OPERATION SLUMBER**

March 3 & 31 (Girls Only)

March 17, April 13

April 20 (Boys Only)

Sleepover at the Intrepid and experience what it was like to serve on this aircraft carrier. Tour the Flight Deck by flashlight, “chow down” in the Mess Deck and take a ride through space on the XD Theater. Available for the special member price of $99 per person. Contact Group Sales at groupsales@intrepidmuseum.org or call 646-381-5010 to reserve your space today and for more dates.

**CAMP SOSI - SCHOOLS OUT, SHIP’S IN!**

March 26 - 30, April 2 - 6, April 9 - 13

School vacation? Winter Recess? Why not have your children ages 5-13 join in the educational fun offered by the Intrepid Museum. Camp SOSI is a full-day drop-off program focusing on science and history while integrating the exhibits and history of the Intrepid. Contact Dorothy Klein at camp@intrepidmuseum.org or 646-381-5566 to reserve your space.

**WEEKEND PROGRAMMING**

Saturdays and Sundays, 11:00 a.m. - 1:00 p.m. and 2:00 - 4:00 p.m.

Families are invited to drop by the Discovery Deck in the Explorium for fun and engaging arts, crafts and experiments designed around the four Explorium themes: sea, air, space and life at sea.

**ACCESS PROGRAMS**

The Museum has designed dozens of programs for adults and children with a range of special needs, including those who are deaf or hard of hearing, blind or partially sighted or have developmental disabilities. If you would like to learn more about all of the Intrepid’s Access Programs please contact access@intrepidmuseum.org or call 646-381-5163. You can also check out the programming here: http://www.intrepidmuseum.org/access.aspx

The Intrepid has a long history of staging great performances, and yours could be next! Band, choral and dance performances are open to the public and advertised near the Museum entrance for maximum audience exposure. Here is a list of performances coming up in March:

- **March 11** - Victoria East High School Band
- **March 13** - Central High School Band
- **March 16** - Grantsburg High School Band
  - South West High School Dance Group
- **March 17** - Memphis Harding Academy Band & Chorus
- **March 18** - Ottawa High School Show Choir
- **March 23** - Rye High School Choir
  - Falconer High School Honor Choir
- **March 24** - West Potomac High School
- **March 25** - Shadow Mountain Choir
- **March 31** - Riverside High School Choir

For more information about how your group can perform on the Intrepid, please contact groupsales@intrepidmuseum.org or 646-381-5010.

**Questions?** Call 646-381-5030.

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**DISCOVERY DECK**

**Growing CASA Program**

By Kerry F. McLaughlin, Manager, Educational Initiatives

Spring is always busy for the Education Department. Making it even busier is the addition of 12 new CASA partnerships to our rigorous schedule.

CASA stands for Cultural Arts After School Adventures and is a city initiative that is generously supported by members of the New York City Council. The purpose of the initiative is for Council Members to partner with schools in their districts with culturally based organizations. For the school year 2011-2012, Intrepid has been partnered with 12 elementary and middle schools. This is the Museum’s seventh consecutive year as a CASA partner. The Intrepid Museum first became involved in CASA in 2006 when it received funding to work with four schools in Manhattan and Queens.

Since then, the Museum’s CASA program has grown significantly with educators inspiring more than 1,000 young minds attending 24 schools throughout the five boroughs. Many of the schools we currently work with have been our CASA partners for multiple years.

The theme of Intrepid’s CASA program, City at Sea, reveals several aspects of life aboard an aircraft carrier. Students explore concepts such as WWII history, community mindedness, buoyancy, density, aerodynamics and aerodynamic flight to understand the historical context that Intrepid’s men served in, how the ship stayed afloat and how its aircraft flew. The hands-on lessons can include such activities as creating crepe patches, writing journal entries from the point of view of the sailors, building catapults, launching straw rockets, experimenting with materials to determine their buoyancy and examining water environments. All program lessons are aligned with the New York State Learning Standards and supplement classroom learning.

Typically the Museum’s program combines after school programming at the participating school with trips to the Museum. During her 31 year history, Intrepid’s caseworkers created and published an onboard ship newspaper that chronicled their experiences on an aircraft carrier. In this same spirit, students create content for a newsletter that is disseminated to their families and schoolsmates. The newsletter includes students’ articles, artwork and photographs which help to not only document the program, but to help students interpret the purpose of the lessons in their own words.

The Intrepid Museum thanks all of the New York City Council Members who have made CASA possible and particularly Speaker Quinn and Council Members Crowley, Gennaro, Gentile, Halloran, Ignizio, Seabrook, Ulrich and Van Bramer who continue to support us in our mission to educate the public and inspire our youth.

**Perform Center Stage at the Intrepid Museum Complex**

During one of their sessions at Intrepid, students are invited to bring two guests with them to the Museum so they can lead personal tours of the Museum. Additionally, the students and their guests can speak to a Navy veteran to hear about his life aboard a United States Ship and discover how his experiences were similar to those men aboard Intrepid.

In the culminating activity students develop the content for a newsletter about their experiences in the CASA program. During her 31 year history, Intrepid’s caseworkers created and published an onboard ship newspaper that chronicled their experiences on an aircraft carrier. In this same spirit, students create content for a newsletter that is disseminated to their families and schoolsmates. The newsletter includes students’ articles, artwork and photographs which help to not only document the program, but to help students interpret the purpose of the lessons in their own words.

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Another winter project for Peter and the volunteers is the manufacturing of a replica of the space shuttle Enterprise’s cockpit instrument display. We recently acquired surplus cockpit instrumentation from NASA, some of which may have actually flown on the Enterprise during the Approach and Landing Test program in 1977. Since the actual flight deck of the Enterprise will not be accessible to visitors it was decided to make a replica for exhibition. Using the actual instrumentation will make this exhibit much more authentic.

Kids Week is coming February 18-26 and Space and Aviation Day will be on Monday, February 20. The entire week is going to be great fun for kids of all ages and I will be doing “Story Time” once again for the really little ones. A full schedule can be found on our website.

Also coming up is our annual Salute to Women in March. That’s a full month of programming and a special exhibition that should not be missed. One of the programs that I will be involved with is a reprise of our “Meet the Pilots Day.” This will take place on Saturday, March 24, and will feature women pilots with aviation careers that span from World War II to the present day. Four women aviators will comprise a panel discussion that will explore the varied paths that they followed in their aviation careers. There will also be an opportunity to meet them one-on-one later in the afternoon. Be sure to come out for this event and meet some truly inspiring aviators. Check the website for the schedule of Salute to Women events and precise timing.

Visit intrepidmuseum.org today.

FlY ZONE

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