



Spaceport News

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John F. Kennedy Space Center

Inside

2002 Spaceport News Summary

The 2002 Spaceport News used the above banner for the year. In the banner, "Spaceport News" changed from black font to blue font, starting with the February 8, 2002, issue. The Inside feature stayed for the year, with article titles and page numbers on the left hand lower side of the first page of the Spaceport News.

Introduction

The first issue of the Spaceport News was December 13, 1962. The 1963, 1964 and 1965 Spaceport News were issued weekly. The Spaceport News was issued every two weeks, starting July 7, 1966, until the last issue on February 24, 2014. Spaceport Magazine, a monthly issue, superseded the Spaceport News in April 2014, until the final issue, Jan./Feb. 2020. The two 1962 Spaceport News issues and the issues from 1996 until the final Spaceport Magazine issue, are available for viewing at [this website](#). The Spaceport News issues from 1963 through 1995 are currently not available online.

In this Summary, black font is original Spaceport News text, blue font is something I added or someone else/some other source provided, and purple font is a hot link.

All links were working at the time I completed this Spaceport News Summary. The Spaceport News writer is acknowledged, if noted in the Spaceport News article.

Followup From the 2001 Spaceport News Summary

There was a mistake on page 43 of the 2001 Spaceport News Summary, stating "[From the October 26, 2001 Spaceport News](#)". It should read 2001 instead of 20001.

[Thanks a bunch Grant Cates!!!!](#)

From The January 5, 2002, Spaceport News

On pages 1 and 7, **“Diverse Shuttle missions set for new year”**. Part of the article reads “On the heels of making space history in 2001 by completing the first phase of the International Space Station (ISS) assembly in orbit, the Space Shuttle will continue a string of space firsts during six missions planned for 2002...The coming year will be marked by the Shuttle fleet matriarch Columbia’s return to space on the first non-ISS Shuttle flight in more than two years. In addition, flights by Atlantis and Endeavour will haul more than 50 tons of additional components to the ISS...”

In 2002, NASA plans to break a record set only last year for the most spacewalks ever conducted in a single year. From Space Shuttles alone, 15 spacewalks are planned, coupled with seven spacewalks that are planned by crews from the International Space Station. In 2001, 18 total spacewalks were conducted — 12 from the Shuttle and six from the Station...

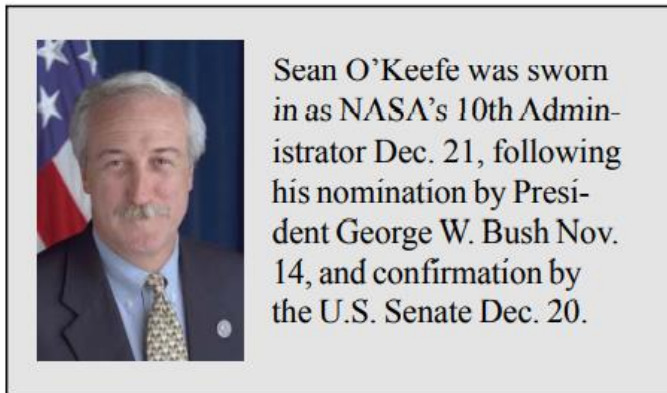
When Columbia launches, it also will become the second Shuttle ever to fly with a new “glass cockpit,” installed as part of maintenance and modifications completed in 2001... In addition, the following flights are planned in 2002: STS-110, STS-111, STS-107, STS-112 and STS-113...”

On page 3, **“Adopt-A-Child draws donations”**.



“Workers from the Joint Base Operations Support Contract (JBOSC) team of companies helped load Christmas toys for the Adopt-A-Child Program. The toys – purchased and donated by about 2,800 JBOSC employees – were presented Dec. 13 to Bob Morin, the District administrator for the Florida Dept. of Children and Families, at the department’s Titusville office. In four years of partnering with DCF, JBOSC employees have provided toys and clothing to 1,600 children.”

On page 7, “**O’Keefe hopes to reinvigorate mission**”, by Sean O’Keefe. Part of the story reads “As we begin a new year, I am honored to be here, working with you as NASA’s new Administrator... As we enter 2002, we are sensitive to the events of the past year. The senseless tragedy of Sept. 11 illustrates the fact that there’s no true way of telling what a new year will bring... As I move into this new role as NASA Administrator, we face a substantial “to do list.” It’s going to require a lot of hard work and some difficult decisions. But with you, I know we will reinvigorate the Agency’s mission of discovery and conquer new challenges...”.



On page 8, “**Former President visits KSC**”.



“Former President Jimmy Carter and his wife, Rosalyn, pictured with Center Director Roy Bridges, visited Kennedy Space Center Jan. 3. They received a commemorative plaque.”

From The January 25, 2002, Spaceport News

On page 3, “**Bob Gray remembered for contributions**”. A portion of the feature says “A pioneer in the Space Program and a NASA veteran of 28 years before his retirement in 1986, Dr. Robert H. Gray died Jan. 8... Dr. Gray joined NASA in October 1958 when the Vanguard Program personnel at the Naval Research Laboratory transferred to the space agency. His career included an unprecedented management of 147 unmanned

launches, five manned launches (Apollo and Skylab) and 26 additional unmanned missions.

His career roles included director of the KSC Unmanned Launch Operations directorate, deputy director of KSC Launch Operations, manager of the KSC Shuttle Projects Office, and manager of Space Station and Advanced Projects... After his retirement from NASA, Gray acted as an aerospace consultant to various contractors, the European Space Agency and the government of Australia.”



“Dr. Robert Gray is pictured near Launch Pad 39A after rollout of Columbia for STS-2 on Aug. 31, 1981.”

On page 3, “**Columbia Rollover**”.



“Overhead cranes are lowered toward the orbiter Columbia in the Vehicle Assembly Building. The cranes will lift the orbiter to a vertical position for stacking with the external tank and solid rocket boosters. Columbia is scheduled to be launched Feb. 28 on mission STS-109, a Hubble Servicing Mission. Among the goals of the mission are to service the HST, replace Solar Array 2, replace the Power Control Unit, remove the Faint Object Camera and install the Advanced Camera for Surveys.”

The following STS-109 mission patch is from Wikipedia. The mission patch description is from a spaceflight.nasa.gov website.



“STS-109 is the fourth mission to service the Hubble Space Telescope (HST). The mission patch depicts the Hubble Space Telescope and the Space Shuttle Columbia over the North American continent... Inside of HST’s aperture is a portrayal of the spectacular Hubble Deep Field Image, representing the billions of stars and galaxies in the Universe. This Deep Field Image symbolizes all the major discoveries made possible by the Hubble Space Telescope over the last ten years, and all those to come following the installation of the Advanced Camera for Surveys (ACS) by the crew of STS-109....”.

On page 8, “**30 years ago: Shuttle program set in motion**”.

Remembering Our Heritage

A portion of the feature states “...On Jan. 5, 1972, former President Richard Nixon released a statement giving approval for the official launch of the Nation’s shuttle program.



NASA was given word to immediately start developing a reusable Space Transportation System (STS) with plans to have an operational Shuttle by the end of the decade... These goals were realized as Space Shuttle Columbia lifted off from Kennedy Space Center on April 12, 1981 to begin the first shuttle mission, STS-1...

Since 1981: - Kennedy Space Center has supported 107 Space Shuttle launches; -

Two hundred and sixty nine different crew members have flown on Shuttle missions including the most recent mission, STS-108; - Phase II of the International Space Station (ISS) is complete...; - There has been continuous human presence in space for more than a year...”.



“Thirty years ago, many ideas for a Space Shuttle were considered. A model and an artist’s conceptions of several of those ideas are pictured.”

From The February 8, 2002, Spaceport News

On page 7, “**ELV Countdown**”.



“Kennedy Space Center employees and other passersby driving on Center on State Road 3 and the NASA Causeway now will be able to learn how many days left until the next Expendable Launch Vehicle (ELV) launch. A NASA, Boeing and SGS team worked to develop and install the signs to increase interest in and awareness of ELV launches. The signs are available for multiple use by NASA, commercial, and Air Force missions. HESSI is the first mission to use the sign.”

On page 8, “**Childcare center playground dedicated**”. In part, the story says “The Child Development Center’s (CDC) newly renovated playground at Kennedy Space Center was officially open with a ribbon cutting Jan. 18... The new playground was

planned to facilitate the children's education, said Noelle Bee, CDC administrator. It is broken up into three components that correspond with the ages of the children who use the equipment. The playground includes infant, toddler and preschool play areas... The Child Development Center serves children ages six weeks through five years of age, providing educational activities that actively engage children in the learning process..."



"...Noelle Bee, administrator of the Child Development Center, cuts the ribbon for the center's upgraded playground while (from left) Maria Wilson, NASA Exchange operations manager; Connie Phillips, - infant lead; and Krista Shaffer, Exchange facilities manager, look on. The children are Joey DeLaPascua (left) and Jacob Ream."

From The February 22, 2002, Spaceport News

On page 1, "**Sean O'Keefe visits KSC**".



"NASA Administrator Sean O'Keefe (center) is pictured with Kennedy Space Center Director Roy Bridges (left) and Tip Talone (right), the director of International Space Station/Payload Processing, during O'Keefe's visit to the Space Station Processing Facility. O'Keefe arrived at Kennedy Space Center Feb. 14 as part of his tour of agency

field centers. He spoke to employees on Feb.15, sharing his ideas for taking the agency to a new level. A full report on his vision for the agency and his messages to KSC team members will be included in the March 8 issue of Spaceport News."

On pages 1 and 6, **“KSC takes part in Space Industry Day”**. Part of the story reads “Kennedy Space Center Director Roy Bridges and representatives from Florida space-related companies, legislative districts, agencies and academia attended this year’s Space Industry Day Feb. 12-13, at the State Capitol Building in Tallahassee. This year’s theme was “Florida’s Future is Space.”...



“From left, astronauts Heidi Piper, Sunita Williams and Jim Voss talk to students in the Capitol courtyard for Space Industry Day in Tallahassee.”

“The Kennedy Space Center team takes part in Space Industry Day because it is important to educate Floridians on the contributions and needs of the entire space sector across Florida,” said JoAnn Morgan, director of External Relations and Business Development... Numerous events and activities were scheduled during the event. Two traveling NASA trailer exhibits located in the courtyard in front of the Capitol Building were available for tours. The exhibits showcased the International Space Station and NASA’s next-generation space transportation programs...”.

On page 7, **“KSC selected for Discovery modifications”**. A portion of the article states “After completing detailed, independent cost and risk assessments, the agency has decided to perform Space Shuttle Orbiter Major Modifications (OMM) at Kennedy Space Center. Since the inception of the Space Shuttle program, the Palmdale Manufacturing Facility in California has served as the manufacturing site for all orbiters, in addition to the primary location for performing periodic maintenance and safety upgrades...”.

“This decision reflects NASA’s primary goal of maintaining safety as its primary objective and then evaluating cost savings and risks associated with that decision,” NASA Administrator Sean O’Keefe said. “It is obvious that in the current fiscal environment, it makes more sense to perform this work at the launch site for the foreseeable future.”...

On page 8, **“HESSI launch milestone”**. In part, the story reads “NASA’S High Energy Solar Spectroscopic Imager (HESSI) lifted off at 2:29 p.m. EST Feb. 5 from Cape Canaveral Air Force Station... Tucked inside a Pegasus XL rocket, attached to the under belly of the Orbital Stargazer L-1011 aircraft, the spacecraft was carried

approximately 113 nautical miles east-southeast of the Cape. The Pegasus drop occurred at 3:56 p.m. EST. After a short powered sequence, HESSI was delivered into a circular orbit..”.



“Tucked inside a Pegasus XL rocket, attached to the under belly of the Orbital Stargazer L-1011 aircraft, the HESSI spacecraft lifts off from Cape Canaveral Air Force Station Feb. 5.”

[Wikipedia](#) has a good read about Pegasus.

From The March 8, 2002, Spaceport News

On pages 1 and 6, “**Launch caps off Orbiter’s mods**”. Part of the article states “Columbia successfully returned to flight on the STS-109 mission, launched March 1 at 6:22 a.m. EST, after undergoing two and a half years of comprehensive maintenance, modification and processing operations...”



“Billows of smoke and steam flow over the launch pad as Space Shuttle Columbia leaps into space on mission STS-109. Liftoff occurred March 1 at 6:22 a.m. EST. It was the 27th flight of the vehicle and 108th in the history of the Shuttle program. The goal of the mission is the maintenance and upgrade of the Hubble Space Telescope.”

On pages 1 and 7, **“Research park becoming reality”**. In part, the story reads “Kennedy Space Center’s planned International Space Research Park – being created through a partnership of NASA and the State of Florida – is gaining momentum... Center Director Roy Bridges has been a major proponent for the park and the Space Experiment Research and Processing Laboratory SERPL because he believes the projects will help take KSC to a new level as a Spaceport Technology Center... Developing a research park here will be a major step in preparing KSC for growing international and commercial involvement in the ISS, and in support of our efforts to develop KSC as the Spaceport Technology Center...”.



“An artist’s rendition of the Space Experiment Research and Processing Laboratory (SERPL) now under construction.”

The following photo is from the website for what is now the [Space Life Sciences Lab \(SLSL\)](#). The website has more information about the Lab.



On page 2.

Recognizing Our People

“George Page left his mark on space program”. Part of the feature says “Veteran Kennedy Space Center employee George Page passed away Feb. 26. He was 77... Page had a distinguished aerospace career spanning more than three decades, from manned and unmanned space flights to Shuttle. He worked at KSC for 20 years. His name is engraved in KSC history as the launch director for the first three flights of the shuttle program, starting with STS-1 in April 1981. He retired in 1984 as deputy director of Kennedy Space Center...”

“All of us at KSC are saddened by the loss of George,” said KSC Director Roy Bridges. “His leadership set the standard of excellence, and his contribution to human space flight continues to be felt with each successive mission. We are thankful for his great legacy.”...

Page joined NASA in June 1963 as a spacecraft test conductor on the Gemini Program. While at KSC he served as chief of the Spacecraft Division for Apollo, Skylab and Apollo-Soyuz launch operations; director of Expendable Vehicles Operations Directorate; director of Cargo Operations; director of Shuttle Operations; and finally, deputy director of KSC...”



“This photo George Page was taken Dec. 12, 1988 in honor of his becoming an STS-26 Return to Flight Award recipient.”

Also on page 2, “**Ann Montgomery lauded for distinguished career**”. A portion of the story reads “Ann Montgomery retired in January from her position as deputy director of Safety, Health and Independent Assessment after a 33-year career at NASA... Montgomery joined the Agency in 1968... Over the years she filled various positions, starting as lead crew systems engineer on the Apollo, Skylab and Apollo-Soyuz Test Programs and working in the design phases of the Shuttle and the Spacelab. She later became site manager of the Orbiter Processing Facility...”



She was the first woman assigned as a Flow Director at KSC, for the orbiter Columbia. Later she served as deputy director of Safety and Mission Assurance... Every assignment that I had,” said Montgomery, “gave me an opportunity to learn and grow. Even though I was at KSC for 33 years, it was never boring and a lot of wonderful people helped me to succeed when I was offered new opportunities.”...

On pages 4 and 5, “**40th Anniversary of Americans in Orbit**”. In part, the story reads “Four legends visited Kennedy Space Center Feb. 24, sharing their memories from 40

years ago when they one by one became the first Americans to orbit the Earth. During several special events, including a rededication ceremony for the Rocket Garden at KSC Visitor Complex, Mercury Project astronauts John Glenn, Scott Carpenter, Wally Shirra and Gordon Cooper recalled some of their glory days... They also paid tribute to the other members of the Mercury 7 team who have passed, Alan Shepard, Gus Grissom and Deke Slayton...

“Each of us had flights and people say to us, Which was the greatest flight?” Glenn said. He paused, and then continued, “Each flight as it goes up. Because that is the one that’s on the cutting edge at the time. That is the one that is building on the experience that everyone else has had up to the time... The Mercury 7 group all expressed their hopes for the future of the space program, including that the International Space Station be fully equipped and crewed to fulfill its envisioned research promise...”



On the left, “The last of the surviving Mercury astronauts, (from left) Gordon Cooper, Wally Schirra, Scott Carpenter and John Glenn, share a light moment with Apollo 13 Commander Jim Lovell, now chairman of the Astronaut Scholarship Foundation.” **On the right**, “Comedian Bill Dana (left) reacts as he is baited by Wally Schirra during the 40th anniversary banquet. Dana was beloved during the early space program for his character “Jose Jimenez,” the reluctant astronaut.”

From The March 22, 2002, Spaceport News

On pages 1 and 8, “[STS-110 to carry first Station plant experiment](#)”. **Part of the article states** “The first plant science experiment to be conducted aboard the International Space Station (ISS) will be delivered to the ISS during Mission STS-110. The PESTO (Photosynthesis Experiment System Testing Operation) experiment was designed by Kennedy Space Center scientists. STS-110 was set at press time to launch April 4. Its primary objective is the delivery of the S0 Truss Segment and the Mobile Transporter. Four spacewalks dedicated to truss installation are planned...”

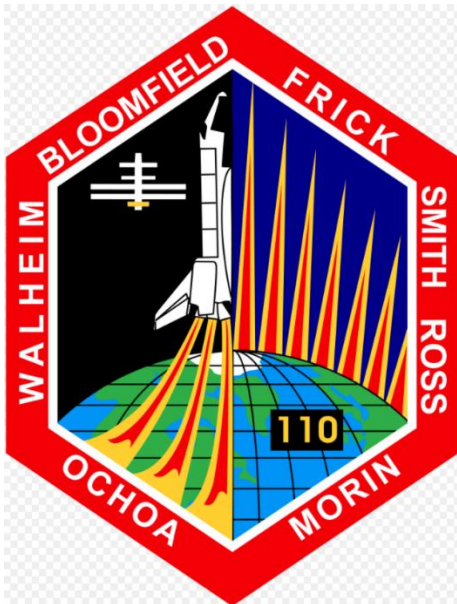
The PESTO experiment is designed to study whether wheat will produce oxygen through photosynthesis and purify water through transpiration at the same rates as on

Earth. The experiment has important implications for future long duration spaceflight and will be followed by additional experiments aboard Space Station. Scientists at KSC and engineers and technicians from Orbitec of Madison, Wis., have worked on PESTO since 1997...”.



“Expedition 4 crew member Dan Bursch (left) and his backup, Steve Robinson (center), harvest wheat from a Biomass Production System to practice Kennedy Space Center’s PESTO (Photosynthesis Experiment System Testing Operation) experiment during crew training at Johnson Space Center. The two currently are aboard the Space Station. Crew Trainer Allison Branson (right) of Ames Research Center looks on.”

The following STS-110 mission patch and description are from Wikipedia.



“...The STS-110 crew patch is patterned after the cross section of the S0 truss, and encases the launch of the Shuttle Atlantis and a silhouette of the ISS as it will look following mission completion. The successfully installed S0 segment is highlighted in gold...”.

From The April 5, 2002, Spaceport News

On pages 3 and 4, “**KSC Picnic delights family, friends**”. In part, the article reads “During the opening ceremonies of the annual KSC All American Picnic, Center Director Roy Bridges Jr. declared “We are here to celebrate freedom and all the other things that

go with the American Way.” True to his word, KARS Park buzzed with energy and American flavor March 16... At the opening, Titusville High School provided the Color Guard for the Pledge of Allegiance and Barbara McGilicuddy led a rousing rendition of The Star Spangled Banner. Another highlight was the demonstration by the Titusville High School Drill Team...”.



On page 5, “**Kelvin Manning lauded**”. A portion of the article reads “Kelvin Manning, lead vehicle manager and Atlantis vehicle manager, is more than a bit modest about his recent national honor... Manning was honored Feb. 16 as the 2002 Black Engineer of the Year Award for Outstanding Technical Contributions in Government. The award was presented at the 16th Annual Black Engineer of the Year Awards Ceremony at the Baltimore Convention Center...”

“Kelvin is an amazing leader and we’re proud that he’s a part of our KSC team...” After graduating from the Air Force Academy in 1981, Manning was assigned to Eglin Air Force Base in the Florida panhandle... Later he worked at the North American Aerospace Defense Command (NORAD) inside of Cheyenne Mountain in Colorado Springs, CO... In 1992, Manning started with NASA KSC in the Shuttle Processing Directorate and has moved steadily up the ranks to his current position...”.



“Kelvin Manning, lead vehicle manager and Atlantis vehicle manager.”

From the April 19, 2002, Spaceport News

On page 1, **“Go Atlantis!”**.



“Space Shuttle Atlantis hurtles into the clear blue sky as it lifts off on mission STS-110. Liftoff was at 4:44:19 p.m. EDT. Launch occurred with only 11 seconds left in the window after dropouts in a backup launch processing system were encountered and then quickly resolved.”

From The May 3, 2002, Spaceport News

On page 2.

Recognizing Our People

“Station team celebration”. The article says “The Boeing Co. hosted its traditional biscuits and gravy breakfast in the Space Station Processing Facility cafeteria April 12. The breakfast was held in celebration of the successful deployment of the S0 Truss Segment and the Mobile Transporter on the STS-110 mission.



The tradition began in December 1998 with STS-88, the first assembly flight. About 250 team members who supported the STS-110 mission attended. “It’s always important to

celebrate your successes,” said Tip Talone, NASA director of International Space Station and Payload Processing.”



“International Space Station processing team members gather in the Space Station Processing Facility on April 12 for a biscuits and gravy breakfast to celebrate the successful STS-110 mission payload deployment. Pictured serving the breakfast to Tip Talone, director of International Space Station and Payload Processing, are Roy Tharpe (left), one of the breakfast tradition founders, and Mike Smith, Boeing truss manager.”

On page 3, “**Administrative Professionals Breakfast**”.



“Administrative professionals were honored at the NASA/KSC Administrative Professionals Breakfast on April 24 in the O&C Building’s Mission Briefing Room. Supervisors, secretaries and management support assistants attended the event. Beth Smith was recognized as the top administrative professional of the year.”

On page 7, “**MESA students learn about KSC careers**”. A portion of the article reads “...External Relations and Business Development Director JoAnn Morgan and Education Programs and University Research Division Chief Pam Biegert welcomed the

87 high school seniors from New Mexico, the students asked seven role models questions about careers and personal challenges... The students, who are involved in the New Mexico Mathematics, Engineering and Science Achievement Program (MESA), listened to lectures, toured the Center, participated in a student educational workshop in the Center for Space Education, and witnessed the STS-110 landing...

The visiting seniors were a selected group who earned this incentive field trip to KSC based upon grades, completion of four years of high school math and science classes... "MESA students are our future engineers, scientists, and technicians," said Karroll Purer, KSC education specialist. "Many have faced challenges, such as financial constraints and being first generation college students. MESA students are achievers!"



"External Relations and Business Development Director JoAnn Morgan... addresses New Mexico Mathematics, Engineering and Science Achievement Program (MESA) students. The students recently visited Kennedy Space Center to learn about the space program and potential careers. The visiting seniors, pictured above in the Rocket Garden at KSC Visitor Complex, earned the incentive field trip through their academic performance."

From The May 17, 2002, Spaceport News

On page 2, "**KSC team responds to STS-111 need**". In part, the article states "When Endeavour leaves the confines of Earth this month for the International Space Station (ISS) on Mission STS-111, designated Utilization Flight 2 (UF-2), it will carry the fifth Expedition crew, an ISS component and several science experiments. It will also carry a critical Orbital Replacement Unit (ORU) for the Space Station Robotic arm – a wrist/roll joint that was added to the mission with the help of Kennedy Space Center's Launch on Need Team... The team had only 43 days prior to the original launch date of May 2 (now May 30) to react to the need..."

"Usually a Space Shuttle mission's crew and payloads are determined over a year in advance... What makes the events leading up to Flight UF-2 different from others is that

the ORU, with its associated flight support equipment (weighing more than 540 pounds), was installed vertically at the pad on a sidewall carrier only 22 days before launch...”.



“Workers at Pad 39A prepare the Orbital Replacement Unit (wrist/roll joint) for transfer to Space Shuttle Endeavour’s payload bay for launch May 30 on Mission STS-111 to the International Space Station.”

On page 5, “**Students enjoy Space Day and more**”. A portion of the story says “...National Space Day brought more than 400 children in school groups to the Kennedy Space Center Visitor Complex (KSCVC) on May 2. JoAnn Morgan, External Relations and Business Development director, welcomed the students from grades 3 to 12. The group then watched the brand-new 3-D IMAX Space Station movie narrated by Tom Cruise, interviewed former-astronaut Story Musgrave, participated in a live webcast and watched in awe as Exploration Station experiments were performed in the Universe Theater...”.



“Astronaut Story Musgrave visits with students at Kennedy Space Center Visitor Complex during National Space Day May 2. The day was just one of a number of educational events held by KSC.”

Also on page 8, “**STS-109 astronauts visit with KSC workers**”.



“Members of the STS-109 crew sign autographs for Kennedy Space Center workers in the KSC Training Auditorium May 3. Before the signing, the crew showed their mission highlights tape and talked with employees about their mission to service the Hubble Space Telescope.”

From The May 31, 2002, Spaceport News

On pages 1 and 3, "**Abramson receives Debus Award**". A portion of the story reads "Rick Abramson joined the ranks of some of the most highly respected members of the space program May 17 when he was honored as the winner of the 2002 Dr. Kurt H. Debus Award from the National Space Club Florida Committee. The president and chief operating officer of Delaware North Parks Services of Spaceport Inc. led the transformation of the Kennedy Space Center Visitor Complex (KSCVC) into a world class destination. He expressed his deep appreciation of the honor during the award banquet hosted at the Debus Conference Center at KSCVC..."

Abramson was lauded by the featured speaker, Apollo astronaut Gene Cernan... Cernan praised Abramson's pioneering efforts to bring to the public the experience of a journey into space, through history of NASA and into the future of space exploration..."



On the left, "Rick Abramson speaks after being presented the 2002 Debus Award May 17. Pictured on the display behind Abramson is KSC Director Roy Bridges, winner of the Debus Award in 2001." On the right, "Apollo astronaut Gene Cernan greets Joan Abramson, mother of Debus Award-winner Rick Abramson, chief operating officer of Delaware North Parks Services of Spaceport Inc."

On page 5, "**Goodbye to original transporter**"



"The original Payload Canister Transporter left Kennedy Space Center's Canister Rotation Facility May 9 to be shipped out to its new owner, a shipyard in Alabama. The transporter was built by Kamag in Ulm, Germany, in 1978. It was specially built to transport the Payload Canisters at KSC and CCAFS... It is being replaced by a new transporter expected to come online by mid-June.

The second transporter was replaced about a year ago. The Boeing Co. manages the operation of the transporters."

With STS-111 upcoming, the following STS-111 mission patch and description are from Wikipedia.



“The STS-111 patch symbolizes the hardware, people, and partner nations that contribute to the flight. The Space Shuttle rises on the plume of the Astronaut Office symbol, carrying the Canadian Mobile Base System (MBS) for installation while docked to the International Space Station (ISS). The mission is named UF-2 for ISS Utilization Flight number two. The ISS orbit completes the Astronaut Office symbol and is colored red, white, and blue to represent the flags of the United States, Russia, France, and Costa Rica. The Earth background shows Italy, which contributes the Multi Purpose Logistics Module (MPLM) used on this flight to re-supply ISS.

The ten stars in the sky represent the ten astronauts and cosmonauts on orbit during the flight, and the star at the top of the patch represents the Johnson Space Center, in the state of Texas, from which the flight is managed. The names of the STS-111 crew border the upper part of the patch, and the Expedition Five (going up) and Expedition Four (coming down) crews’ names form the bottom of the patch.”

From The June 14, 2002, Spaceport News

On page 1, “**Roy Bridges briefs community leaders**”. In part, the article reads “Kennedy Space Center Director Roy Bridges Jr. shared some of KSC’s most significant accomplishments of the past year and plans for the future with Brevard County community leaders June 6.



“Kennedy Space Center Director Roy Bridges Jr. briefs community leaders June 6 at the Debus Conference Facility at KSC Visitor Center.”

Bridges addressed hundreds of guests during the annual Community Leaders Briefing and Breakfast held at the Kurt Debus Conference Facility.

The center director noted that July 1 will be the 40th anniversary of the creation of the Launch Operations Center, now known as Kennedy Space Center... During the coming year KSC will be hosting a number of special events open to the public to celebrate its 40th anniversary...

Among future plans for the center, Bridges announced a ground-breaking for the Operations Support Building II will be held in July. When complete, the building will house hundreds of KSC workers now operating out of trailers. It will also provide a highrise launch viewing area...".

On page 3, "**KSC team salvages X-33 equipment**". In part, the feature says "Thirteen Kennedy Space Center employees traveled to Edwards Air Force Base, Calif., May 14 to begin the two-week process of disassembling and packing valuable equipment from the X-33 launch site for use at KSC's Advanced Technology Development Center (ATDC). The relocation was completed May 31... NASA canceled the X-33 program in February 2001, and the Air Force decided in October 2001 not to continue the program...



"Pictured from left are Ameen Sarkees, Phil Weber, Mike Harrison, Greg Clements, Rob Mueller, Bill Notardonato, Michael Kromann, Scott Schieben, Rusty McAmis, Mike Dunkel, Carl Exline, Phil Stroda and Dan Keenan."

The relocation effort was the culmination of nearly a year of negotiations involving the Air Force Flight Test Center (AFFTC), Marshall Space Flight Center, Lockheed Martin Skunk Works, and KSC, said Phil Weber, NASA lead for the relocation effort... The equipment will go a long way towards outfitting the ATDC, which will serve as a "prototype" spaceport environment for developing and demonstrating new spaceport and range technologies...".

Six semi-tractor trailers were filled with equipment and shipped to KSC. The equipment includes liquid hydrogen and liquid oxygen control and loading components, as well as the command and control system, Operational Television system, and Operational Communication system

The ATDC is mentioned in the [Wikipedia read about LC-20](#). In addition, [this NASA Technical Report](#), by Greg Clements, describes the ATDC in detail.

On page 7, “**High school students begin internships at KSC**”. A portion of the article reads “On June 3, External Relations and Business Development Director JoAnn Morgan welcomed more than 50 high school level students as they began internships sponsored by the NASA Education Programs and University Research Division. Summer High School Apprentice Research Program (SHARP), High School High Tech (HSHT) and Summer Aid Program participants spent their first day learning about safety and health, the Equal Opportunity Office’s services, and the Workforce Diversity and Management Office’s services, specifically the NASA Cooperative Education Program...

SHARP is an eight-week program for rising high school juniors and seniors who meet several requirements including a strong interest in and aptitude for science and engineering careers... HSHT, a program designed for high school students with learning, sensory and physical disabilities, provides interns who spend six weeks at KSC discovering ways to motivate their interests in high tech-related careers.... The Summer Aid Program temporarily employs local high school and first-semester college students for the summer...”.



“High school student interns listen as External Relations and Business Development Director JoAnn Morgan welcomes them to KSC.”



On page 8, “**Two birds rise**”.



“Launch of Space Shuttle Endeavour on mission STS-111 startles a large bird to flight over nearby waters. Liftoff occurred at 5:22:49 p.m. EDT. The mission marks the 14th Shuttle flight to the International Space Station and the third Shuttle mission this year. Mission STS-111 is the 18th flight of Endeavour and the 110th flight overall in NASA’s Space Shuttle program.”

From The June 28, 2002, Spaceport News

On page 1, “**40th anniversary Spaceport News special edition**”. In part, the story reads “July 1 will mark the 40th anniversary of the creation of the Launch Operation Center (LOC), now known as Kennedy Space Center. In honor of our 40th year of operation, Spaceport News will take readers on a journey back to the early days of KSC in the coming special edition. The 16-page color commemorative issue will be published July 12...”.

Also on page 1, “**STS-107 devoted to research**”. Part of the article says “With more than 40 experiments and payloads traveling on Columbia, Space Shuttle Mission STS-107 is designated a research flight. The 16-day mission also is an Extended Duration Orbiter mission. At press time launch, which had originally been set for July 19, was delayed a few weeks to allow inspections of Columbia’s flow liners because of safety concerns...”

The SPACEHAB-Research Double Module (RDM) is to serve as the primary payload for the mission. It will be the first flight of the new SPACEHAB-RDM, which provides an enhanced science capability over previous modules... It will be Columbia’s 28th flight and the 111th Shuttle mission.”



“During a Crew Equipment Interface Test the STS-107 crew looks at flight equipment in the Orbiter Processing Facility. From left are Payload Specialist Ilan Ramon (with the Israeli Space Agency), Pilot William “Willie” McCool (center), Mission Specialist Kalpana Chawla and Commander Rick Husband.”

On page 7, “**Space news panel**”. The caption for the photo on the next page is “The 2002 Florida Press Association and Florida Society of Newspaper Editors Convention offers a panel on media coverage of the space program over the years. At the podium is Bob Stover, managing editor, Florida Today. Panel participants are (left to right) Craig Covault, senior editor, Aviation Week; Howard Benedict, retired AP reporter; JoAnn Morgan, director, External Relations and Business Development, Kennedy Space Center; Marcia Dunn, AP reporter. The convention was held at the Debus Center, KSC Visitors Complex. Also speaking at the convention were Center Director Roy Bridges and NASA Associate Deputy Administrator Dr. Daniel Mulville.”



From The July 12, 2002, Spaceport News

Note: This is a special edition of the Spaceport News, dedicated to the 40th anniversary of the Kennedy Space Center. Only a small portion of the issue's articles are included in this Summary. Some of the issue's article titles are "The Germans led during the early days of the space program", "Pioneers helped shape KSC's manned and unmanned space programs", "KSC facilities feature innovative designs", "Astronauts maintain ties to KSC", "Presidents, kings and celebrities visit Center", "Public affairs assists media in sharing the story", "History of KSC continues to be recorded; Histories written, being written", "Cape Canaveral inhabited by various groups", and "Major events at KSC highlighted in chronology".

On page 1, "**40 years as NASA Center**". The feature says "As the Kennedy Space Center team begins a yearlong celebration of our 40th year as a NASA center, it benefits us all to take a look back at the beginnings of KSC. Only if we know where we came from will we understand where we are as a launch center and Spaceport Technology Center and how we better can help propel NASA's mission: "To improve life here. To extend life to there. To find life beyond." By listening to those who took us to the Moon, we can learn just how far we can go if we put our hearts and souls and minds to it.

KSC's diverse beginnings started before it was first designated a Launch Operation Center (LOC) July 1, 1962, and later renamed John F. Kennedy Space Center. This special commemorative issue of Spaceport News offers just a taste of that early history. For those who want to drink deeper from the vast well of the KSC story, the issue points to other sources of historical inspiration."

Also on page 1.

Remembering Our Heritage



“...a Mercury capsule is processed in Hangar S at Cape Canaveral. Behind the windows in the concrete wall were astronaut crew quarters. Below, the Mercury launch team poses for a group portrait.”



[The NASA Alumni League Florida Chapter Photo ID Project website](#) has a couple of similar photos, of the Mercury team, taken at LC-14, with people’s names in the photos.

On page 8, “**Astronauts maintain strong ties with Center**”, by Linda Herridge. Part of the article reads “Mercury astronaut Alan Shepard made his sub-orbital flight May 5, 1961, in the Freedom 7 spacecraft from Cape Canaveral Air Force Station, then known as the Air Force Missile Test Center... Since that first flight, more than 300 different astronauts have journeyed to the launch pad, strapped themselves into their spacecraft and rocketed into space. The KSC connection was and still is strong for these space explorers. Many returned to fly into space again. Some went on to pursue related careers, while others, after retirement from the astronaut corps, returned to KSC...”

Robert Crippen, astronaut on the first Space Shuttle Launch, STS-1 in April 1981, flew on three subsequent missions before returning to KSC to serve as center director in 1992. Remembering back to those early Space Shuttle launches, Crippen said, “The Kennedy Space Center and Cape Canaveral area has held a fond place in my heart ever since my first visit here in 1969.”...



“Former astronauts Bob Crippen (left) and Roy Bridges... both returned to KSC to serve as Center director. Bridges was named to the post March 1997.”

Brian Duffy served on four Space Shuttle flights including his most recent, mission STS-92, in October 2000. He has returned to KSC as vice president/associate program manager for Lockheed Martin. Duffy shared some KSC memories: “Gawking at the beauty of an orbiter lit by the zenons. Thundering off the pad and roaring out of the atmosphere. The smell of beans in the LCC. Meeting my family at the elevator of crew quarters after a successful mission. The list could go on and on. The Kennedy Space Center is a very special place ... there’s no other place like it in the world.”

Other astronauts who returned to KSC as contractor managers include Bruce Melnick, vice president and senior site executive for Boeing Space Coast Operations, and Andy Allen, associate program manager for ground operations for United Space Alliance... KSC Director Roy Bridges Jr. flew as pilot on Space Shuttle Challenger mission STS-51 in July 1985. Of KSC workers Bridges said, “You should be proud of the legacy and reputation you have created here at KSC as I am...”.



“Astronaut Walt Cunningham speaks to Lady Bird Johnson She is seated next to JoAnn Morgan, now a KSC director.”

On page 11, “**History of KSC continues to be recorded**”, by Kathy Hagood. A portion of the story reads “The history of Kennedy Space Center is a mother lode that has only begun to be mined. While formal histories such as Moonport and more personal ones such as Gunter Wendt’s The Unbroken Chain offer nuggets of knowledge and inspiration to students of history, much of the KSC story has not yet been captured...

The Center recently awarded a two-year contract to two prominent historians and authors, Dr. Kenneth Lipartito and Dr. Orville Butler, to write the history of KSC. The new text will be the first major work to document the Center’s history since 1976, when Moonport: A History of Apollo Launch Facilities and Operations was published...

KSC’s history can also be experienced through numerous exhibits at the KSC Visitor Complex and the Astronaut Hall of Fame. In addition to those sources the Center’s history are the efforts of private individuals and groups. For example, the U.S. Spacewalk Walk of Fame, a group of about 50 retired space workers, has worked to commemorate KSC’s history with a museum, monuments and programs...

On an individual basis, KSC engineer Carey McCleskey researched and co-wrote an internationally recognized paper on KSC’s first director... ““Dr. Kurt H. Debus: Launching a Vision,”... Guenter Wendt, author of the recently published The Unbroken Chain, is a retired contractor who served as pad leader during Mercury, Gemini and Apollo. “I wrote the book because I wanted to tell the story from the perspective of a worker at Kennedy Space Center,” Wendt said. “Not everyone is an astronaut, but everyone who works in the space program plays an important role. Each person is a vital link in what I call ‘the unbroken chain’.”

Carey McCleskey’s paper about Dr. Debus is at [this website](#). The now American Space Museum & Space Walk of Fame is [this website](#). The book written by Dr. Lipartito and Dr. Butler, “A History of the Kennedy Space Center”, published in 2007, is available at various websites.

From the July 26, 2002, Spaceport News

On pages 1 and 3, “**Shuttle launch dates under review**”. A portion of the story states “NASA Shuttle managers continue to investigate the small cracks found last month in the flow liners of all four of the orbiter vehicles. According to Ron Dittimore, NASA Shuttle Program manager at JSC, all four vehicles have small cracks in at least one liquid hydrogen flow liner.

Flow liners are internal metal “collars” that smooth the flow of the cryogenic propellants through the Space Shuttle’s main propulsion system. Three cracks were found in each orbiter: Atlantis, Discovery and Columbia. Two cracks were found in Endeavour. The

cracks vary in size from about 1- to 3-tenths of an inch in length. With safety the number one concern, the decision was made to delay all Shuttle launches until the cause of the cracks can be determined and a course of action is decided upon. The two likely remedies, Dittmore said during a news conference July 19, are to develop a rationale that says we can fly safely with assurance the cracks will not worsen or present additional risk, or we will have to repair them in place. Teams have been assigned to develop techniques to repair the cracks...



“Gerry Kathka (right), with United Space Alliance, hands part of a fiber-optic camera system to Scott Minnick, who wears a special viewing apparatus for inspecting Endeavour’s flow liner.”

At any rate, Dittmore said, we will not expect to see a Shuttle launch before Sept. 26. “We believe we will come to a resolution for this problem very soon.”

On page 3, **“NASA receives new convoy command vehicle”**. In part, the story reads “United Space Alliance Chief Operating Officer Mike McCulley hosted a commissioning ceremony June 27 to hand over a new, state-of-the-art convoy command vehicle to Kennedy Space Center Director Roy Bridges Jr... “The new convoy command vehicle will offer great new capabilities to the convoy team,” Bridges said. “This addition is part of an ongoing commitment to the stewardship of the Space Shuttle program.” The new 40-foot vehicle is replacing a 15-year old model, and will be used as the prime command and control vehicle during Shuttle post-landing operations..”.



“Kennedy Space Center Director Roy Bridges Jr. addresses those who attended the commissioning ceremony for the new convoy command vehicle...”.

On pages 4 and 5, **“Take Our Children to Work Day”**. Part of the feature states **“Inspire Your Children”** was the theme that set the tone at Kennedy Space Center on July 11. Our country’s future pioneers had the chance to explore KSC at the 10th annual Take Our Children to Work Day.

The inspiration began in the IMAX Theater where Center Director Roy Bridges encouraged the children to work hard to make their dreams come true. “Then your life will be like playing everyday,” he said. The event continued with Kelvin Manning, NASA’s Lead Vehicle manager for the Shuttle Atlantis, who reminded the audience that the answer to the question “What time is it?” is always “Time to learn.” Eleven year-old Brian Gawronski was especially inspired by Manning’s presentation. “I want to be an engineer just like him,” he said without hesitation. “And I hope to work at KSC.” Both of Brian’s parents work for NASA. His mother Anne said that both Brian and his 10-year-old sister Lisa begged her to bring them to KSC again after coming to work with her last year...

Throughout the day children were taking their pictures with spacemen, getting fingerprinted, seeing the FIRST robots and experiencing what their parents do everyday after they put on their badges and head for KSC. “I never realized how much hard work goes into everything from getting the Shuttle up to making news videos,” said 15-year-old Rebecca Mullen, who hopes to follow in her mother’s footsteps and work at the Press Site one day...”.



NASA employees and their children enjoy a presentation at the IMAX Theater.” “Students act as moderators and speakers during a mock press conference.”

From The August 9, 2002, Spaceport News

On pages 1 and 3, **“Shuttle flow liner issue resolved”**. Part of the story reads “After six to eight weeks of extensive investigation and testing and searching for the cause of cracks in the orbiter fleet’s engine liquid hydrogen flow liners, as well as how to deal with them, the decision was made to begin welding repairs on Atlantis. Ron Dittmore, NASA Space Shuttle Program manager at Johnson Space Center, announced the decision and that the STS-112 mission is scheduled for launch no earlier than Sept. 28.

“We looked at a number of techniques and decided that welding was the repair technique of choice,” said Dittmore. “Once welding repairs are complete to our satisfaction, we will return to launch at the end of September or early October.”... David Strait, a Shuttle systems inspector with United Space Alliance, discovered the first crack in a liquid hydrogen flow liner to engine 1 in Atlantis June 12.



“David Strait, Shuttle systems inspector with United Space Alliance, inspects a Space Shuttle Main Engine flow liner.”

The following STS-112 mission patch and description are from Wikipedia.



“The STS-112 emblem symbolizes the ninth assembly mission (9A) to the International Space Station (ISS), a flight which is designed to deliver the Starboard 1 (S1) truss segment... The STS-112 emblem depicts ISS from the viewpoint of a departing shuttle, with the installed S1 truss segment outlined in red. A gold trail represents a portion of the Shuttle rendezvous trajectory. Where the trajectory meets ISS, a nine-pointed star represents the combined on-orbit team of six shuttle and three ISS crew members who together will complete the S1 truss installation. The trajectory continues beyond the ISS, ending in a six-pointed star representing the Atlantis and the STS-112 crew.”

On page 8.

Remembering Our Heritage

“**35 years ago: Visitor Complex opens**”. In part, the article reads “Joseph Wallace and Sallye Foster still vividly remember when the gates of Kennedy Space Center were opened to the public 35 years ago. The two Kennedy Space Center Visitor Complex veterans are the only two of the original 30 hires still working at the popular tourist destination... Wallace and Foster both came to work at KSC in 1966, when the first

NASA bus tours were offered. They operated out of trailers behind the badging station at Gate 3 for one year before the Visitor Complex officially opened its doors on August 1, 1967...

Foster has held a variety of jobs at the Visitor Complex and currently works behind the scenes as a cash control agent. Wallace, however, has worked as a bus tour guide for the past 36 years. (Bus tours began a year before the Complex opened)... To celebrate 35 years of helping visitors experience their very own space odyssey, the KSC Visitor Complex held a special birthday celebration August 1. Joseph Wallace and Sallye Foster were the guests of honor at the Dine With an Astronaut luncheon, and spoke to visitors about the pride they both felt for their years of service....”.



“Veteran Kennedy Space Center Visitor Complex employees joined current Employees of the Month during a cake cutting ceremony commemorating the 35th anniversary of the Visitor Complex Aug. 1. Pictured from left are Joe Wallace, a 35-year veteran of the Visitor Complex; Charlene Walters, manager of the month; Sherry Durborow, crewmember of the month; and Sallye Foster, a 35-year veteran.”

From The August 23, 2002, Spaceport News

On pages 6, “**Educators given tools to inspire students**”. Part of the story reads “NASA, the University of Central Florida (UCF), and the Brevard Schools Foundation have been selected to operate the NASA/UCF Aerospace Institute for the U.S. Department of State’s Division of Overseas Schools American and/or Embassy Schools from around the world. A total of 30 educators were involved in this program, 24 of whom were selected by the Director of the Division of Overseas Schools in Washington, D.C., and the remaining five from Brevard County. All came to KSC...”

From July 22 through August 2, PreK-4 educators from 14 states also came to KSC’s Center for Space Education (CSE) for a series of NASA Educational Workshops (NEW). The 25 participants spent two weeks of the summer at KSC... The educators used KSC facilities, human resources and other programs to enhance their knowledge and skills in science, mathematics, technology, and geography...”



“Educators participating in the NASA/UCF Aerospace Institute gather at the KSC Visitor Complex.”

From The September 6, 2002, Spaceport News

On page 2, “**Professional Development graduates honored**”. A portion of the story reads “Seventeen NASA employees were celebrated July 25 for their successful completion of the 2001- 2002 NASA Professional Development Program (PDP). In his address to the graduates, NASA Administrator, Sean O’Keefe reminded the class of their responsibility to mentor and share what they learned this past year. O’Keefe said, “Part of your leadership responsibility now is to bring the energy and enthusiasm you have to help others improve.”... The goal of the PDP is to provide future leaders with a broader perspective of both the Agency and the impact of NASA programs....”.



“Two Kennedy Space Center workers recently completed the NASA Professional Development Program. From left, Richard Kuhns, KSC senior mission engineer; Sean O’Keefe, NASA administrator; and Adam West, lead orbiter electrical power distribution and control engineer.”

On pages 4 and 5, **“Vision for the future”**. Part of the feature says “Today, spaceport leaders see the potential for 250 or more launches a year sometime within the next 50 years. Much depends on breakthrough technologies that will lower the cost of launch from \$10,000 a pound to \$1,000, and then to far less than \$100 a pound. In preparation for such breakthroughs and as a proactive move to remain the world’s premier launch site, NASA Kennedy Space Center, the 45th Space Wing and the Florida Space Authority and their partners have created a Cape Canaveral Spaceport 50-Year Master Plan. The plan was unveiled Aug. 28 at Port Canaveral Terminal 10...

The master plan was a two-year process conducted and managed by ZHA Incorporated of Orlando in association with... other spaceport representatives. The vision embraces an integrated launch complex (including planning for the potential for horizontal launches), supporting joint operations for KSC and the Cape Canaveral Air Force Station, and consolidating facilities to avoid duplicate functions while increasing efficiency...

“Together we will ensure that the Cape Canaveral Spaceport remains the premier Spaceport in the world,” Brig. Gen. Pavlovich said... “This is a significant event. We have evolved into an era of cooperating agencies,” said Ed Gormel, Executive Director of the Florida Spaceport Authority. “This plan is a guide to look at the short-term, long-term and future goals for the Cape Canaveral Spaceport,”...

The January 2017 Cape Canaveral Spaceport Master Plan is available at [this site](#).



“Cape Canaveral Spaceport leaders gather after the master plan signing ceremony Aug 28 at Port Canaveral Terminal 10. From left are Canaveral National Seashore Superintendent Robert Newkirk, Canaveral Port Authority Executive Director Malcolm “Mac” McLouth, KSC Director Roy Bridges Jr., U.S. Sen. Bill Nelson, 45th Space Wing Commander Gregory Pavlovich, U.S. Fish & Wildlife Services Refuge Manager Ron Hight, Naval Ordnance Test Unit Commanding Officer William Borger and Florida Space Authority Executive Director Ed Gormel.”

On page 7, “**Mode VII simulation**”.



“Kennedy Space Center held a Mode VII contingency simulation August 27. “Astronauts” were safely and successfully recovered from a “downed” Space Shuttle in the simulation led by Don Hammel, NASA Landing and Recovery Director. KSC Fire/Rescue and Emergency Medical workers sharpened their skills during the event, which included NASA and Air Force helicopters. Johnson Space Center and Patrick Air Force Base personnel also participated in the simulation. At left, a volunteer dressed as an astronaut is carefully lowered from the Fire/ Rescue training Shuttle mockup... Mode simulations are periodically held at KSC to ensure contingency response forces are well prepared to respond to a wide variety of potential emergency situations.”

From The September 20, 2002, Spaceport News

On pages 1 and 8, “**STS-112 launch to offer new view**”. In part, the article says “The International Space Station (ISS) will receive a new truss segment, additional assembly components and radiators and new science experiments during Mission STS-112, the 15th ISS assembly mission... At press time, the STS-112 mission was set to launch Oct. 2 between 2 and 6 p.m....

The mission launch is to be captured from a new perspective through a color video camera mounted to the top of Atlantis’ External Tank. NASA Television plans to provide a live feed from the camera as the Shuttle begins its ascent on the STS-112 mission until it reaches near orbital speed, about 70 miles above the Earth...

Primary STS-112 payloads include the S1 Integrated Truss Segment and a Crew Equipment Translation Aid cart... The STS-112 crew are Commander Jeff Ashby, Pilot Pam Melroy, and Mission Specialists Sandy Magnus, Dave Wolf, Piers Sellers and Fyodor Yurchikhin.”

On pages 1 and 6, **“New KSC deputy director named”**. Part of the article states “William Readdy, NASA associate administrator for Space Flight, announced the appointment of James Kennedy as deputy center director, Kennedy Space Center, and David King, deputy center director, Marshall Space Flight Center, Ala., Sept. 10. The appointments will be effective Nov. 3...

Kennedy currently serves as deputy center director, Marshall Space Flight Center. He began his NASA career as a cooperative education student at KSC. He transferred from KSC to Marshall in 1969... King currently serves as director, Shuttle Processing at KSC. He began his career as a main propulsion system engineer in 1983...”.



Kennedy

King

On pages 4 and 5, **“Spacewalk Hall of Fame helps tell the Kennedy Space Center story”**. In part, the story reads “Tucked inside the Miracle City Mall in Titusville is a museum that takes you back to the early days of the U.S. space program while bringing you into the present day activities of the Space Shuttle and International Space Station programs. The U.S. Space Walk of Fame Museum was created by former Kennedy Space Center workers in December 2001...

First created under the auspices of the U.S. Space Walk of Fame Foundation, the museum opened in the mall but within three months it had outgrown that space and moved this past June to larger quarters within the mall. This one-of-a-kind museum helps illustrate America’s space exploration history by displaying hundreds of rare photos, space patches and pins, space hardware, flight suits, shuttle tiles and miscellaneous memorabilia...

“All of the items in the museum have been donated or loaned for display by retired and current space workers who want to share this history with the community,” said Jack Weakland, museum administrator. “Sometimes we get entire collections from estates.”... The Space Walk of Fame, which at this time consists of the Mercury and Gemini memorials, are located in Space View Park along the Indian River, just a short drive from the museum. These memorials are the first and only of their kind in the nation that honor America’s astronauts as well as the behind the scenes workers who helped America lead the world in space exploration...

Charlie Mars, museum president, commented, “Just recently we had the BBC here filming the museum and the U.S. Space Walk of Fame monuments for a documentary called, ‘Escape to the Sun.’ “The story of space exploration and our space program continues and I see this museum also continuing to grow in order to preserve its history, as seen through the eyes of the people who worked it.”...



“At left, Jack Weakland (left), museum administrator, and Charlie Mars, President of the U.S. Space Walk of Fame Foundation, sit in front of a 1/8th scale Russian orbiter on loan to the museum... The Mercury Monument (above) can be seen during a visit to the U.S. Space Walk of Fame in Spaceview Park, Titusville...”.

The American Space Museum is now located at 308 Pine Street in Titusville, Florida. The U.S. Space Walk of Fame is located nearby in Space View Park. [This is the website for the Museum.](#)

From The October 4, 2002, Spaceport News

On pages 1 and 6, “**CLCS team faces challenge, shows solidarity**”. Part of the feature reads “Members of the Checkout and Launch Control System (CLCS) team stood and applauded numerous times Sept. 20 to show their support as Kennedy Space Center leaders frankly addressed the recent cancellation of the project. The hundreds of KSC workers gathered in the Debus Conference Facility at KSC Visitor Center showed their unwavering esprit de corps during Center Director Roy Bridges’ discussion and the question and answer session that followed...”

“This is a personal discussion for me,” Bridges said. “I needed this time with you. ... Like you, I am intensely disappointed that CLCS was cancelled. But as difficult as it is, we have got to come to grips with it.”... “Our budget situation is different today than in 1996, when the program started... “In today’s budget environment, we’re going to have to have the courage to stop projects that exceed their budgets,” Bridges said...”.

From the October 18, 2002 Spaceport News

On pages 1 and 6, **“New Shuttle Processing Director Named”**. Part of the story reads “Michael Wetmore has been appointed director of the Shuttle Processing organization at Kennedy Space Center (KSC), effective Nov. 3... Wetmore earned a bachelor degree in mechanical engineering from the U.S. Naval Academy, Annapolis, Md., in 1980. He served seven years in the United States Navy as a nuclear trained submarine officer, including six strategic deterrent patrols.

In 1987, he began his career at NASA as a Shuttle environmental control and life support system engineer. Wetmore has excelled in a variety of positions which include... manager, Space Shuttle Launch and Landing Projects Office, and deputy director, Process Integration. He has also served one year at NASA Headquarters as the chief of the Space Shuttle Resources and Program Evaluation Branch...”.



Michael Wetmore

On page 5, **“STS-112 launch premieres ET camera”**.



“The view from the External Tank camera shows a cloud of smoke and steam on the pad below as Space Shuttle Atlantis hurtles into space on mission STS-112. The Atlantic Ocean laps the shore on the right. Liftoff from Launch Pad 39B occurred at 3:46 p.m. EDT. Atlantis carries the S1 Integrated Truss Structure and the Crew and Equipment Translation Aid (CETA) Cart A. The CETA is the first of two human-powered carts that will ride along the ISS railway, providing mobile work platforms for future spacewalking astronauts. On the 11-day mission,

three spacewalks are planned to attach the S1 truss. Landing at KSC is scheduled for Oct. 18 at 11:46 a.m. EDT.”

On page 7, “**Retired space workers gather for reunion**”. In part, the article says “Retired and current space workers, their families and friends gathered at the Miracle City Mall, Titusville, for the annual Space Workers Reunion, Sept. 28. The event was sponsored by the U.S. Spacewalk of Fame and Museum. Throughout the day, attendees participated in several presentations, demonstrations, exhibits, museum tours and book signings...

Many stood in line to meet former Apollo 13 astronaut Fred Haise, reminisce about the early days and get pictures and memorabilia signed. Also on hand to sign their books were noted author and historian Andrew Chaikin; Hal Burton, author of “From Behind Sandbags”; and Guenter Wendt, author of “The Unbroken Chain.”

The highlight of the day came during the reunion dinner when Haise recounted his early Marine days, the aircraft he flew, and his interest in space flight that ultimately led to his becoming an astronaut. Haise described his Apollo program involvement and his Apollo 13 flight experience...”.



“Former astronaut Fred Haise... signs autographs for attendees at Space Workers Reunion.”

From the November 1, 2002, Spaceport News

On pages 1 7, “**Next mission to add to Space Station port side, rotate crews**”. In part, the article reads “Mission STS-113 (11A) is the 16th International Space Station assembly mission. This is Endeavour’s 19th flight and the 112th Shuttle mission. Launch at press time was set for Nov. 10. The primary objectives of the 11-day mission are to deliver the Expedition 6 crew and Port 1 (P1) Integrated Truss Segment (ITS) to the Station... The primary cargo element, P1 is the third truss segment of the main Station ITS, a 46-foot by 15-foot structure weighing about 27,500 pounds...”

The STS-113 mission crew are Commander James Wetherbee, Pilot Paul Lockhart, and Mission Specialists Michael Lopez-Alegria and John Herrington. The Expedition 6 crew, Commander Ken Bowersox, Donald Pettit and Nikolai Budarin will replace the Expedition 5 crew and remain on the Station for approximately four months. Expedition

5 crew members returning to Earth are Valery Korzun, Peggy Whitson and Sergei Treschev.”



“The crews of Mission STS-113: From left are STS-113 Pilot Paul Lockhart; Expedition 6 Commander Ken Bowersox; STS-113 Mission Specialists Michael Lopez-Alegria and John Herrington, and Commander James Wetherbee; Expedition 6 astronaut Donald Pettit and cosmonaut Nikolai Budarin.”

The following STS-113 mission patch and description are from Wikipedia.



“The patch depicts the Space Shuttle Endeavour docked to the ISS during the installation of the P1 truss with the gold astronaut symbol in the background. The seven stars at the top left center of the patch are the seven brightest stars in the constellation Orion. They represent the combined seven crew members (four Shuttle and three Expedition Six). The three stars to the right of the astronaut symbol represent the returning Expedition Five crew members. The Shuttle crew names are on the solar arrays of the P6 truss. The ISS Expedition crew names are in a chevron that also features the American and Russian flags. The Expedition 6 crew names are on top of the Expedition 5 crew

names, since Expedition 6 goes up while Expedition 5 goes down. The Roman Numeral CXIII represents the mission number 113.”

On page 8, “**Past meets present, future at 40th Anniversary Picnic**”. A portion of the story reads “Astronauts representing four decades of manned space flight met with the public Oct. 12 at the Kennedy Space Center Debus Conference Facility to help celebrate KSC’s 40th anniversary... Mercury astronaut Scott Carpenter; Gemini and

Apollo astronaut Gene Cernan; Space Shuttle astronaut Jon McBride; and Space Station Commander Brian Duffy signed autographs, as did Guenter Wendt, pad leader during the Mercury, Gemini and Apollo programs. Wendt also signed copies of his book, *The Unbroken Chain*. A discussion of the past and future of the space program was presented by the astronauts and KSC Director Roy Bridges Jr., also a former astronaut...".



"Former astronauts Brian Duffy (left) and Gene Cernan (right) are joined by a youth who is inspired about the future of space."

From The November 15, 2002, Spaceport News

On page 1, "**Cape Canaveral Spaceport Symposium addresses vision, plans for future in space**". A portion of the feature reads "NASA Deputy Administrator Fred Gregory offered words of encouragement to Cape Canaveral Spaceport leaders at the spaceport's seventh annual symposium... "Roadmap to the Future" was the theme of the Canaveral Spaceport Symposium held Oct. 29-30 at the Radisson Resort at the Port in Cape Canaveral..."



Fred Gregory on the left and on the right, "Ed Gormel, at the podium, addresses guests at the Cape Canaveral Spaceport Symposium. With him on stage are (center) Brig. Gen. Gregory Pavlovich, commander, 45th Space Wing, and KSC Director Roy Bridges..."

"The continued operation and upgrading of the Space Shuttle fleet and the building up of the capabilities of the International Space Station are key functions of our Human

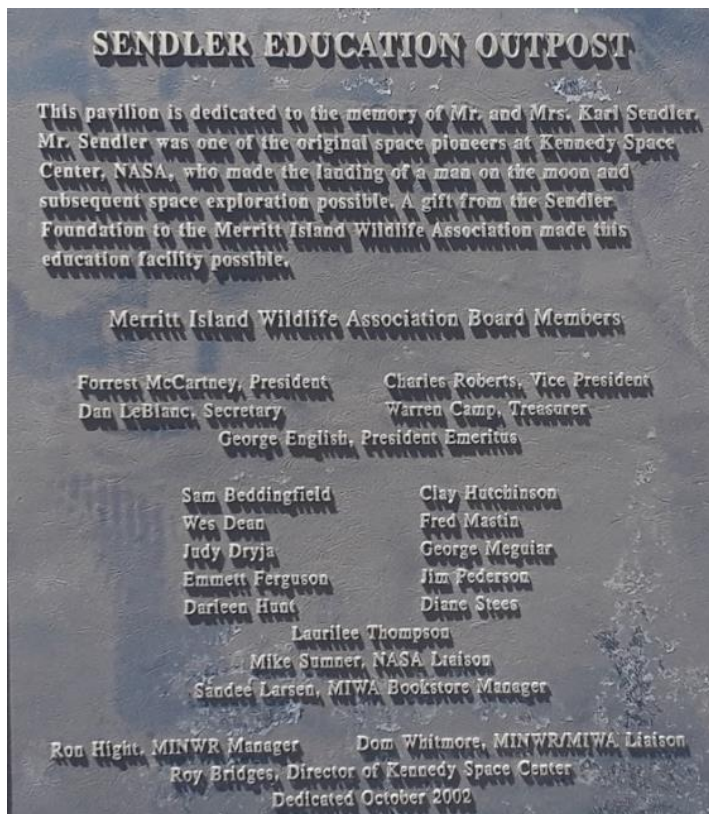
Exploration and Development of Space Enterprise, and will no doubt keep this facility quite busy into the next decade. And of course, we are developing plans for the launch systems and capabilities that will replace the Space Shuttle,” Gregory told the group... The topics of the symposium’s talks included “A Vision of America’s Future in Space Access,” “Space — The High Ground Defense of America,” “America’s Exploration of Space — The Next 30 Years,” and “Regional Planning for the Future of Central Florida.”

On page 3, “**Education Outpost dedicated to former KSC manager, space pioneer**”.



“Representatives from the Merritt Island National Wildlife Refuge (MINWR) and KSC unveil a plaque dedicating the Sandler Education Outpost, located at Dummit Cove on the refuge. Representing KSC is Acting Deputy Director JoAnn Morgan, fourth from right. The outpost is a resource for environmental education students in the Central Florida area. It is named for Karl Sandler, a space pioneer and manager under Dr. Kurt Debus, KSC’s

first center director. Funding for the facility was provided by the Merritt Island Wildlife Association with assistance from MINWR and Kennedy Space Center.”



To the left is a closer view/photo of the above plaque, from a Cocoa Beach pictures blogspot website.

On pages 4 and 5, **“Super Safety and Health Day showcases vendor displays, recognition for safety”**. A portion of the article says “Workers at Kennedy Space Center and the 45th Space Wing at Cape Canaveral Air Force Station participated in the Cape Canaveral Spaceport Super Safety and Health Day, Oct. 23. The annual event is held to increase safety and health awareness among the government and contractor workforce...”

KSC Director Roy Bridges Jr. welcomed employees with an invitation to participate in the day’s events and vendor displays. Brigadier General Greg Pavlovich, commander of the 45th Space Wing, and Bryan O’Connor, NASA associate administrator, Safety and Mission Assurance, also spoke during the event... Nationally known safety and health communication expert John Drebinger Jr. was the keynote speaker during the morning presentation. Drebinger has helped people take personal responsibility for their own safety and health for more than 15 years...

Following the morning program, space workers participated in their company’s organizational training and planned activities. They were invited to visit more than 120 safety and health-related vendor displays located at the Operations and Checkout building parking lot, the Vehicle Assembly Building parking lot and Hangar T in the CCAFS...”



On page 7, **“KSC Fitness Centers’ Intercenter Walk/Run draws crowd of athletes”**.



“Scores of employees showed up Oct. 29 for the annual Intercenter 2-mile walk/run, and 5K and 10K runs at the Shuttle Landing Facility.”

From The November 29, 2002, Spaceport News

On pages 1 and 8, "**Endeavour Soars**". In part, the feature says "Space Shuttle Endeavour blazed into the night sky on mission STS-113, the 112th flight in the Shuttle program. On board were a crew of four: Commander James Wetherbee, Pilot Paul Lockhart and Mission Specialists Michael-Lopez Alegria and John Herrington; plus the Expedition 6 crew: Commander Ken Bowersox and flight engineers Nikolai Budarin and Donald Pettit. Payload on the mission includes the first port-side truss, P1, to be added to the Space Station..."



Endeavour is scheduled to land at KSC after an 11-day mission, returning the Expedition 5 crew to Earth."

On page 2.

Recognizing Our People

"KSC welcomes new deputy center director". In part, the story reads "Kennedy Space Center's new Deputy Center Director, James Kennedy, officially arrived and was welcomed during an executive staff meeting Nov. 4. During the meeting, KSC Director Roy Bridges Jr. said, "It's a pleasure to have Mr. Jim Kennedy as the new deputy center director. He brings with him a wealth of knowledge and a unique perspective having most recently served as the deputy center director of the Marshall Space Flight Center."

Kennedy began his career with NASA at KSC in 1968 as a cooperative education student in design engineering. He transferred from KSC to Marshall Space Flight Center, Huntsville, Ala., in 1969. Throughout his career, he has held a variety of management positions including deputy director and acting director for the former science and engineering directorate and director of engineering at Marshall...

When asked how it feels to be back, Kennedy said, “It feels good to be home. I’m overwhelmed by the warmth of the reception I’ve already received here.”



“KSC Director Roy Bridges Jr. (left) presents a hat for sun protection to new Deputy Director Jim Kennedy as part of his “welcome on board.”

On page 8.

Remembering Our Heritage

“Historic Mission Apollo 13 captured in IMAX film”. A portion of the feature says “You may have seen Apollo 13 in the theater or on video, but until you see “Apollo 13: The IMAX® Experience,” you haven’t experienced the in-your-face thrills the film has to offer in the larger format. The new IMAX film premiered at Kennedy Space Center Visitor Complex Nov. 13 during a gala event with special guests Apollo 13 Commander Jim Lovell and Flight Director Gene Kranz. A second special event featuring “Apollo 13” actor Tom Hanks, director Ron Howard and Commander Jim Lovell was held Nov. 14...



“At the IMAX® premiere held at KSC, former astronaut Jim Lovell is joined by Tom Hanks, who starred in, and Ron Howard, who directed the film “Apollo 13.” The film is the newest attraction at the KSC Visitor Complex.”

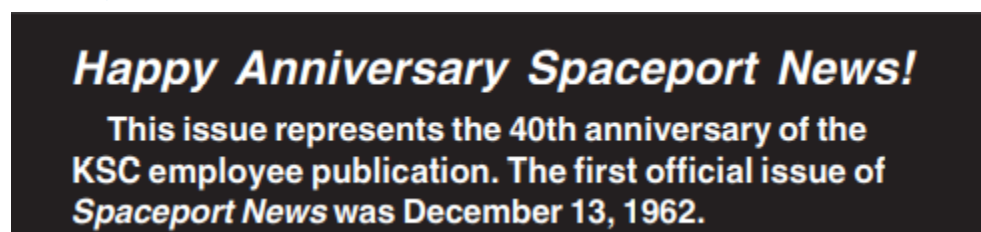
Lovell and Kranz shared their unique experiences during the nail-biting mission, and how they worked together – Lovell from the damaged spacecraft 205,000 miles away, and Kranz at Mission Control in Houston – to bring the astronauts back to Earth safely. “I never said ‘Failure isn’t an option.’ That was a scriptwriter’s invention,” Kranz

admitted. The scriptwriter came up with the phrase based on the sentiments Kranz repeatedly expressed to his team during the Apollo 13 challenge. Hanks, Howard and Lovell discussed the making of the movie and their thoughts about the space program.

Howard admitted to being swayed to make the movie closely follow what really happened. “My feelings about how the story should be told in the movie changed when we met with the astronauts and actually heard their story...”.

From The December 13, 2002, Spaceport News

On page 2.



On pages 3 and 8, “**ELV outreach promotes awareness of space among students**”. In part, the article states “The Expendable Launch Vehicle (ELV) program at Kennedy Space Center is energetically guiding local students, through its ELV Outreach efforts, to learn all they can about the field. By notifying employees about volunteer projects, students benefit from KSC’s eager workforce. ELV employees are invited to speak at educational events... ELV Outreach also developed a program to reach schools at all grade levels in the KSC and Vandenberg Air Force Base communities. The goal is to speak to children during Space Week, Career Day, launch and special events...”.



“(From left) Cocoa Beach Senior High School students Lauren Branard, Allison Mitchell and Greg Marquino gather information about the KSC Expendable Launch Vehicle program. The display is part of ELV Outreach held in Merritt Island recently.”