

Ripped from the ROUNDUP

Ripped straight from the pages of old Space News Roundups, here's what happened at JSC this week in:

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How to support life during long-duration space missions, keeping expendable life-support items to a minimum, is an intriguing problem and one to which a group of MSC engineers and technicians is devoted to finding a solution.

Dr. Noel C. Willis, Jr., of the Crew Systems Division is acting chief of the Environmental Control and Life Support Systems Branch and heads the Advanced Systems Section.

This section is tasked with developing prototype hardware for an environmental/thermal control and life support system (E/TCLSS), which could be used aboard a modular space station of the future. The purpose is to duplicate, as closely as possible to the actual flight articles, hardware to be used in a ground test program.

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Three new exhibits, including a 16-by-10-foot color photomosaic of the continental United States, are now on display in the Building 2 Visitor Center.

A slide-and-sound presentation, "NASA for the '70s: Space for Everyone," and a Space Shuttle exhibit are the other new attractions. Both of these were built at JSC but have been publicly shown only at Kennedy Space Center's 3rd Century America exposition.

The photomosaic is constructed of 569 infrared images taken by Landsats I and II. It provides a virtually cloudless view of the 48 contiguous states at a scale of 1:1,000,000.

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The Italian Space Agency (ASI) will design and develop two Mini Pressurized Logistics Modules for the Space Station Freedom program under a memorandum of understanding signed last week with NASA. The agreement was signed by NASA Administrator Richard Truly and ASI President Luciano Guerriero in the presence of Italian Undersecretary of State Senator Learco Saporito. The two agencies also agreed to work toward expanding the relationship to include provision of a Mini Laboratory too.

Back to the future Sixties Chicks reunite

By Aaron Wyatt

The price of the U.S. flag on the moon:
\$5.50

The total cost of the Apollo program:
\$19,408,134

The value of JSC secretaries in the 1960s: **Priceless**

The hugs, smiles and tears that filled the Gilruth Center Ballroom during the "Sixties Chicks" reunion gathering Friday, Nov. 2 were priceless as about 80 past and present secretaries who worked during the 1960s attended the special event.

"It's up to us to inspire the next generation," said guest speaker and former Flight Director Gene Kranz.

Dr. Christopher Kraft was also in attendance. Kraft questioned whom future generations would see as the guide of the space program. He noted that Sacagawea was Lewis and Clark's guide during the exploration of the Louisiana Purchase, and that he hopes historians refer to the secretaries as the space program's guides when documenting the journey of space travel.

Although the three-hour event consisted of dinner, door prizes, a video presentation and brief remarks by Kraft and Kranz, reminiscing of years gone by highlighted the evening. Women came from all over the area, such as Gail (Gannon) Grow, who flew in from Virginia.

Some Sixties Chicks said they thought their bosses were crazy – but agreed they were so talented their bosses had every right to be crazy. They remembered how the men swore a lot, drank a lot of coffee and smoked a lot of cigarettes (to which the secretaries emptied their ash trays.)

One table of "Sixties Chicks" was quick to point out that "back in the good old days," secretaries had to know spelling and grammar. Today, they say computers handle much of that task. Plus, men couldn't type back then either. Now guys do their own typing.

"Back then, we knew what was going on," Wilma Lee said.

Claudia Hess enjoyed walking around and being able to see the real thing while she worked here - the first missions and the landing on the moon. After a splash down, she recalled NASA Road 1 would shut down due to celebration.

"You had to be there to experience the thrill and excitement," said Sue McGehee.

Billie Schmidt worked for Tom Baker in the Apollo Program Office. One day, she said he sent her to meet Neil Armstrong.

"He said Neil would be the first man on the moon," Schmidt said. The amazing thing was Armstrong wasn't even an astronaut candidate at the time Baker made the comment.

The Sixties Chicks reunion was born after a casual conversation between a couple of former secretaries. Before they knew it, word had spread, interest was sparked and there were enough responses to fill a ballroom.

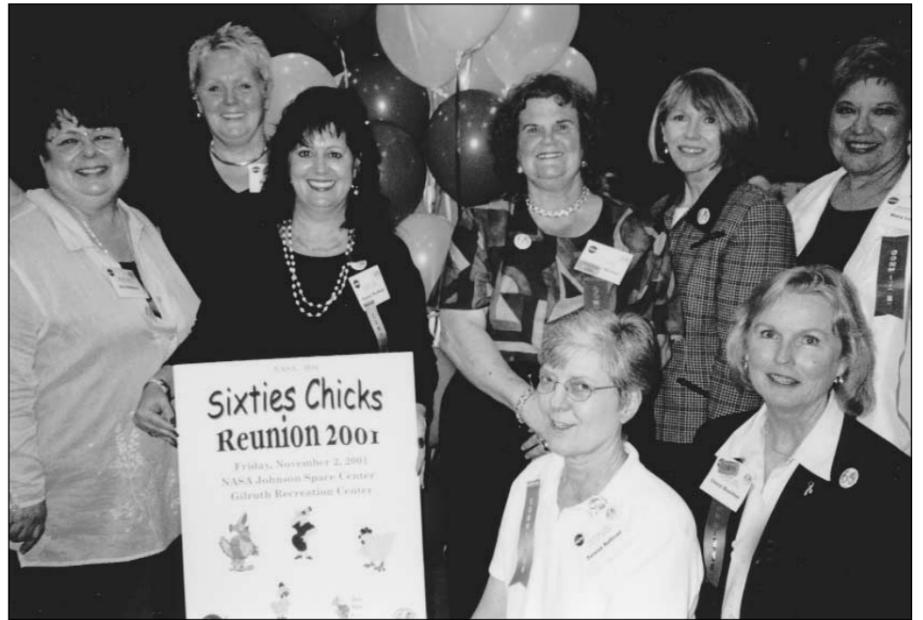
Dawn Hoyle, one of the reunion's organizers, plans on keeping in touch with all those who attended.

"The pure joy of watching those ladies enjoying themselves made it very special for me. You'd have to understand what a unique time the Sixties were for us and what a sense of purpose we had here in this space program," she said.

"We participated in one of the most significant accomplishments of humankind and that creates a camaraderie shared by only an elite few."

Plans are in the works to plant a tree on-site in memory of all the secretaries from the 1960s.

Most agreed working at JSC was the time of their life. Some felt they made a mistake by taking other jobs or deciding to stay at home. But at least they got to re-live the past for a couple hours one Friday night. ■



The 'Sixties Chicks' had a night they will never forget on Nov. 2. Some of the evening's attendees are pictured above. Front row: Teresa Sullivan and Cheryl Bouillion. Back row: Dot Childress, Dawn Hoyle, Rachel Windham, Maureen Bowen, Karla Fischer and Mary Lopez. Below is a complete attendance list.

Sixties Chicks Reunion Attendees

Jeannie (Walker) Bale
Cheryl Bouillion
Nita Bouldin
Maureen Bowen
Marianne Campbell
Bettie (Miller) Carney
Susan Carroll
Dot Childress
Evon Collins
Flo Cox
Connie Critzos
Mary Crocker
Cheryl Damewood
Connie Dunaway
Elsie Easley
Ruth Elder
Jerry C. Elliott
Judy (Pfeifer) Ernull
Terry Fechner
Betty Sue Feddersen
Karla (Garnuch) Fischer
Frankie Jim Fisher-Bockman
Iris Garner
Pat Garza
Billie Gibson
Estella (Hernandez) Gillette
Dee Goerig
Gail (Gannon) Grow
Claranita Haefner
Dot (Hart) Hailey
Martha Halliburton
Marilyn (Lamb Davis) Hamner
Claudia Hess
Roberta Hohmann
Cheryl Howard
Dawn Hoyle
Nancy Hutchins
Elsie Johnson
Barbara (Perkins) Kirkland
Karen (Gardner) Kaiser) Kraak
Christopher C. Kraft
Betty Anne Kraft
Gene Kranz
Marta Kranz

Cathey Lamb
Glenda Lancon
Wilma Lee
Audrey B. Lemons
Sandra Lewis
Mary Lopez
Lois (Bradshaw) Malone
Alma Martin
Sharon Martin
Sue McGehee
Dianne (Brizzolara Bell) Milner
Mr. Arthur Moody
Charlotte Ober
Mary O'Connell
Raynell Perez
Ann (Sullivan) Philpot
Liz Pieberhofer
Barbara Pope
Doris Reid
Norma (Godeke) Rhoads
Pat Ritterhouse
Dianne Robinson
Kitty Rogers
Paula Scheffman
Billie (Barmore) Schmidt
Ralph Schomburg
Barbara Shock
Patricia Sims
Bonnie Smith
Maureen (Duffy) Smith
Susan (Golden) Stone
Sylvia (Salinas) Stottlemeyer
Teresa Sullivan
Ruby Summers
Jean Taylor
Carol (Brinkmann) Temperton
Velna Troxlar
Carol (Lines) Turner
Lois Walker
Jan (Pacek) Weede
Judy White
Mildred Wilkes
Beverly (Cox) Williams
Rachel Windham

ROUNDUP
Frosch, Yardley cover new space technology in STS development