

# PEOPLE *on the* MOVE

## Human Resources reports the following personnel changes as of September 5, 1998:

### Key Management Assignments

*Glen Lutz* was selected as chief, Crew and Thermal Systems Division, Engineering Directorate.

*Mike Golightly* was selected as chief, Space Science Branch, Earth Science and Solar System Exploration Division, Space and Life Sciences Directorate.

*Al Manson* was selected as chief, Aircraft Maintenance and Engineering Branch, Aircraft Operations Division, Flight Crew Operations Directorate.

### Additions to the Workforce

*Carl Agee* joins the Office of the Director as chief scientist for astromaterials.

*J.R. Carpentier* joins the Institutional Business Management Office in the Business Management Directorate as a contract specialist.

*Glen Swanson* joins the Information Systems Directorate as a historian.

*Clay Anderson, Tracy Caldwell, Greg Chamitoff, Mike Fossum, Patricia Hilliard, Greg Johnson, Stan Love, Leland Melvin, Barbara Morgan, John Olivas, Nicholas Patrick, Garrett Reisman and Steve Swanson* join the Astronaut Operations Office in the Flight Crew Operations Directorate as civilian astronaut candidates.

*Mark Gibb* joins the Orbit Dynamics Branch in the Mission Operations Directorate as a flight controller.

*Rich Mrozinski* joins the Ascent/Descent Dynamics Branch in the Mission Operations Directorate as a descent analyst and flight controller.

*Liz Blok and Margaret Gibb* join the Cargo Integration and Operations Branch in the Mission Operations Directorate as flight controllers.

*Macresia Alibaraho, Chris Farrar, Ana Lopez, Mike Morris and Brian O'Hagan* join the Communications and Data Systems Branch in the Mission Operations Directorate as flight controllers.

*Melvin Friant, Jerry Jason, Ted Kenny and Terence Williams* join the Mechanical, Booster and Maintenance Crew Systems Branch in the Mission Operations Directorate as flight controllers.

*Robert Estep* joins the Environmental Systems Branch in the Mission Operations Directorate as a flight controller.

*Kouri Miller* joins the Electrical Systems Branch in the Mission Operations Directorate as a flight controller.

*Mike Moses* joins the Guidance and Propulsion Systems Branch in the Mission Operations Directorate as a flight controller.

*Steve Riley* joins the EVA and Robotics Systems Branch in the Mission Operations Directorate as a flight controller.

### Reassignments Between Directorates

*Cheryl Bass* moves from the Space Shuttle Program Office to the Business Management Directorate.

*Honey Hyman* moves from the Flight Crew Operations Directorate to the Space Shuttle Program Office.

*Tom McPherson* moves from the Phase I Program Office to the Space Shuttle Program Office.

*John Fields* moves from the Mission Operations Directorate to the Safety, Reliability and Quality Assurance Office.

*Travis Brice* moves from the Phase I Program Office to the International Space Station Program Office.

### Reassignments Between Centers

*David Culp* of the Business Management Directorate moves to Kennedy Space Center.

*Mariann Albjerg* of the Space Shuttle Program Office moves to Goddard Space Flight Center.

*Scott Hutchins* of the Space Shuttle Program Office moves to Marshall Space Flight Center.

*Dennis Dillman* of the Space Shuttle Program Office moves to Goddard Space Flight Center.

*Mike Kearney* of the International Space Station Program Office moves to Marshall Space Flight Center.

*Mark Buntin* of the Space and Life Sciences Directorate moves to Langley Research Center.

*Robert Suggs* of the Space and Life Sciences Directorate moves to Marshall Space Flight Center.

# DATES & DATA

## October 7

**Astronomy seminar:** The JSC Astronomy Seminar will meet at noon Oct. 7, 14, 21 and 28 in Bldg. 31, Rm. 129. For additional information, call Al Jackson at x35037.

**Spaceland Toastmasters meet:** The Spaceland Toastmasters will meet at 7 a.m. Oct. 7, 14, 21 and 28 at the House of Prayer Lutheran Church. For more information, call George Salazar at x30162.

**Communicators meet:** The Clear Lake Communicators, a Toastmasters club, will meet at 11:30 a.m. Oct. 7, 14, 21 and 28 at Lockheed Martin, 555 Fordge River Rd. For more information, call Allen Prescott at 282-3281 or Mark Caronna at 282-4306.

**Spaceteam Toastmasters meet:** The Spaceteam Toastmasters will meet at 11:30 a.m. Oct. 7, 14, 21 and 28 at United Space Alliance, 600 Gemini. For details, call Patricia Blackwell at (281) 282-4302 or Brian Collins at x35190.

## October 8

**MAES meets:** The Society of Mexican-American Engineers and Scientists will meet at 11:30 a.m. Oct. 8 in Bldg. 16, Rm. 111. For details, call George Salazar at x30162.

**Airplane club meets:** The MSC Radio Control Airplane Club meets at 7 p.m. Oct. 8 at the Clear Lake Park pavilion. For more information, call Bill Langdoc at x35970.

**SSQ meets:** The Society for Software Quality will meet at 5:30 p.m. Oct. 8 at the Holiday Inn. For more information, call Earl Lee at 335-2322 or Herb Babineaux at x34263.

## October 9

**Astronomers meet:** The JSC Astronomical Society will meet at 7:30 p.m. Oct. 9 at the Center for Advanced Space Studies, 3600 Bay Area Blvd. For more information, call Chuck Shaw at x35416.

## October 13

**Aero club meets:** The Bay Area Aero Club will meet at 7 p.m. Oct. 13 at the Houston Gulf Airport clubhouse at 2750 FM 1266 in League City. For more information, call Larry Hendrickson at x32050.

**NPMA meets:** The National Property Management Association will meet at 5 p.m. Oct. 13 at 216 Kirby in Seabrook. Dinner costs \$14. For details, call Sina Hawsey at x36582.

## October 14

**JSC Inspection 98:** JSC invites industry, business, community and education leaders to inspect the center's technologies and facilities, Oct. 14-16. Visit the Inspection 98 web page at <http://inspection.jsc.nasa.gov>, or check out the internal web page at <http://www4.jsc.nasa.gov/inspection/>, or call the Inspection 98 office at x41316.

**PSI meets:** The Clear Lake/NASA Chapter of Professional Secretaries International will meet at 5:30 p.m. Oct. 14 at Bay Oaks Country Club. Cost is \$16. For details, call Elaine Kemp at x30556.

## October 15

**Directors meet:** The Space Family Education board of directors will meet at 11:30 a.m. Oct. 15 in Bldg. 45, Rm. 712D. For more information on this open meeting, call Gretchen Thomas at x37664.

## October 21

**Scuba club meets:** The Lunarfans will meet at 7:30 p.m. Oct. 21 at Pot Pie Pizzeria at Watergate Marina. For additional information, call Mike Manering at x32618.

**JSC NMA and NCMA joint meeting:** Deidre Lee, Director of the Office of Federal Procurement Policy under OMB, will speak. For details, call Debbie Conder at x38325.

## October 29

**Radio Club meets:** The JSC Amateur Radio Club will meet at 6:30 p.m. Oct. 29 at the Piccadilly, 2465 Bay Area Blvd. For additional information, call Larry Dietrich at x39198.

## November 10

**JSC NMA meets:** Dr. John Stobo, head of the Univ. of Texas Medical Branch in Galveston, will speak. For details call Debbie Conder at x38325.

## November 13

**Skylab reunion:** Civil servants and contractor employees who worked on the Skylab program will hold a reunion at 8 p.m. Nov. 13 at Space Center Houston. For details call x41998.

## NASA BRIEFS

### STEPHENSON NAMED TO HEAD MARSHALL SPACE FLIGHT CENTER

Arthur G. Stephenson, president of Oceanering Advanced Technologies, Houston, was named director of NASA's Marshall Space Flight Center. He has more than 30 years of experience as a manager in spacecraft and high technology systems.

"Arthur Stephenson is a bright, aggressive person who will fight for issues critical to NASA and who will make sure this agency has the best launch and in-space propulsion capabilities and technical tools in the world," said NASA Administrator Daniel S. Goldin.

### SCIENTISTS OBSERVE TALL CHIMNEY CLOUD IN HURRICANE

NASA researchers have obtained compelling images from Hurricane Bonnie showing a storm cloud towering like a mountain, 59,000 feet into the sky from the eye wall. These images were obtained on Aug. 22 by the world's first spaceborne rain radar aboard the Tropical Rainfall Measuring Mission, a joint U.S.-Japanese mission. Many scientists believe that towering cloud structures, such as the one observed by TRMM, are probably a precursor to hurricane intensification.

This was the situation with Hurricane Bonnie, whose central pressure dropped from 977 millibars to 957 millibars in the subsequent 24 hours. Lower air pressure is associated with higher wind speeds and overall storm strengthening. TRMM was launched Nov. 27, 1997, from the Japanese Space Center, Tanegashima, Japan, and is a joint United States and Japanese mission, the first dedicated to measuring tropical and subtropical rainfall through microwave and visible infrared sensors, including the first spaceborne rain radar.

More information about the TRMM project is available at: <http://trmm.gsfc.nasa.gov>.

### JPL, FORD AGREEMENT PAVES WAY TO CLEANER AIR

A new computer chip that mimics how the human mind works is making its way from the space program to American industry.

NASA's Jet Propulsion Laboratory and the Ford Motor Co. have signed a licensing agreement for use of an advanced neural network technology to diagnose misfiring under the hoods of Ford automobiles, among its many potential applications. With the advent of this new chip, vehicles should show a reduction in emission levels.

JPL and Ford scientists say the chip represents the first significant change in the way computing is done on vehicles since computers were first introduced into automobiles in the 1970s.



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