

MARSHALL STAR

Serving the Marshall Space Flight Center Community

Aug. 1, 2002



From the Center Director:

Please join me in congratulating and recognizing our 2002 NASA/MSFC Honor Award recipients for their outstanding contributions to Marshall, the Agency, and the Nation. I also would like to extend my appreciation to all members of the Marshall Team who contribute to the Center and its mission. I look forward to sharing in your continued accomplishments now and in the future.

— Art Stephenson
Marshall Center Director

NASA, Marshall Center recognize employee achievements

by Jonathan Baggs

Civil servants and contractors at the Marshall Center were recognized Tuesday in two separate honor ceremonies for their achievements and contributions to America's space program.

Frederick Gregory, associate administrator for the Office of Space Flight at NASA Headquarters in Washington, D.C., joined Marshall Center Director Art Stephenson at Marshall's annual NASA Honor Awards ceremony to honor more than 250 employees for special accomplishments during 2001.

Two of the space agency's highest honors were presented separately in a July 9 ceremony at NASA Headquarters in Washington, D.C. George Hopson, manager of Marshall's Space Shuttle Main Engine Projects Office, and Assistant Marshall Director Jim Kennedy, received the NASA Distinguished Service Medal. This is NASA's highest honor for a civil servant whose distinguished service, ability or courage has personally made a contribution representing substantial progress to the NASA mission.

Also at the Headquarters award ceremony, Audrey Milroy, an employee of

Lockheed-Martin supporting the Flight Projects Directorate, and Gerald W. Smith, an employee of Thiokol supporting the Space Shuttle Projects Office, received the

Honor awards photos, page 4

NASA Distinguished Public Service Medal. This is NASA's highest honor for a non-civil servant for accomplishments that contributed substantially to the NASA mission.

Among the awards presented were two NASA Outstanding Leadership Medals. Peter W. Allen, manager of Marshall's Integrated Customer Support Department, and Joan A. Singer, deputy manager of the Space Shuttle Projects Office, received the awards.

Also presented were Exceptional Service Medals recognizing significant, sustained performance characterized by unusual initiative or creativity; Exceptional Achievement Medals recognizing significant, specific contributions to NASA's mission; Public Service Medals awarded to contractors for exceptional contributions to NASA's mission; and NASA Certificates of Appreciation.

The writer, employed by ASRI, is the editor of the Marshall Star.

What is IFMP?

by Martin Jensen

The Integrated Financial Management Program (IFMP) is a NASA-wide effort to modernize its financial and administrative systems and processes. The program is implementing a series of new enterprise software systems and

See *IFMP* on page 9

Inside the Star

Director's Corner, page 2

Christa McAuliffe's mother visits Marshall, page 3

Excellence: Doing what we say we will do

by Art Stephenson
Marshall Center Director

Our excellence value includes the statement: “We hold one another accountable for doing what we commit to do.” I like this statement. When I make a commitment to produce a product or provide a service on a certain date, and meet that date, I feel good about that accomplishment. It is not only the right thing to do but also we, as a team member and as an individual, derive satisfaction from it. When we don’t deliver a quality product or service on the date we said we would, it takes away something from us – we feel some sort of loss or disappointment.

I can think of numerous individuals and teams at Marshall that consistently deliver quality products and services on time and within budget. Are you one? Is your team one? Take an honest look at these questions and ask yourself and your team, “Do I/we deliver quality products and services on time and within budget? If not, then why?”

Attitudes may have something to do with performance, and

Director’s Corner

we can all make an “attitude adjustment” if we choose to do so. Often we find we are late because we didn’t take time to understand what was needed, or we provided a product that included errors or was substandard. We can decide to work on skills development if this is an issue. Perhaps it’s a time issue. If a deadline can’t be met -- for a good reason -- then contact the requestor and negotiate a new deadline. Perhaps we are using a process that needs improvement; attack the process and come up with a better one. From time management training to clerical skills development to project management training—whatever it is that might be the cause of missing deliveries – it can be addressed.

I want to encourage every team and team member to think about how you can improve your on-time delivery performance. Take action. Then enjoy the satisfaction that comes from consistently delivering on time. You will be able to say, as the pilots like to do as they pull into the gates, “Another on-time arrival.” It may take an extra effort, but it is well worth it, making your customer a thankful, repeat customer.

Dwarf galaxy spewing oxygen into space

Marshall news release

Astronomers have discovered that a nearby dwarf galaxy is spewing oxygen and other “heavy” elements into intergalactic space.

This observation from NASA’s Chandra X-ray Observatory supports the idea that dwarf galaxies may be responsible for most of the heavy elements between the galaxies.

Despite comprising only a very small fraction of the mass of the universe, so-called heavy elements -- everything other than hydrogen and helium — are essential for the formation of planets and can greatly influence astronomical phenomena, including the rate at which galaxies form.

A team led by Crystal Martin of the University of California, Santa Barbara, observed the dwarf galaxy NGC 1569 using Chandra. They found that huge quantities of oxygen and other heavy elements are escaping from the galaxy in bubbles of multimillion-degree gases that are thousands of light years in diameter.

“Dwarf galaxies are much smaller than ordinary galaxies like our Milky Way and



Photo by Emmett Given, NASA-Marshall Center

Space Station flies over Huntsville

NASA astronomer Roy Young, pointing, helps spectators locate the International Space Station during the ISS flyover event July 26 at the National Space Science and Technology Center. More than 350 people, including 75 educators, attended the event, which featured a special message from ISS crew member Peggy Whitson.

much more common,” Martin said. “Because of their small mass, they have relatively low gravity and matter can escape more easily from dwarfs than from normal galaxies.”

Scientists have speculated that heavy elements escaping from dwarf galaxies in the early universe could play a dominant

role in enriching the intergalactic gas from which other galaxies form. Enriched gas cools more quickly, so the rate and manner of formation of new galaxies in the early universe would have been strongly affected by this process.

“With Chandra it was possible to test these ideas,” said Henry Kobulnicky of

See *Galaxy* on page 3

Galaxy

Continued from page 2

the University of Wisconsin, Madison, a member of the research team. "We could trace the distribution of oxygen and other elements in the galaxy and determine how much of this matter is escaping from the galaxy."

Oxygen and other heavy elements are being ejected at high velocity into the gas in the galaxy, heating it to millions of degrees. Hot gas boils off the gaseous disk of the galaxy and expands outward at hundreds of thousands of miles per hour.

Large hot bubbles extend above and below a disk of gas along the equator of the galaxy. The concentration of oxygen, neon, magnesium, and silicon showed that the elements from thousands of supernovas are evaporating out of the galaxy, carrying much of the surrounding gas with them. Astronomers estimate the bubbles are carrying away an amount of oxygen equivalent to that found in about three million suns.



Photo by Emmett Given, NASA/Marshall Center

Christa McAuliffe's mother visits Marshall

Grace Corrigan, mother of astronaut Christa McAuliffe, visited the Marshall Center during Teachers of the Year events this past week and spoke to Marshall's senior managers Monday. Corrigan's daughter, designated to be the first "teacher in space," was killed in the Space Shuttle Challenger explosion in 1986. National Teachers of the Year were in Huntsville being honored for their achievements and attended ceremonies at the Alabama Space & Rocket Center and toured the Marshall Center.

Job announcements

MS02C0182, Executive Support Assistant (OA). GS-303-7,8 (promotion potential to GS-9), Office of the Director, MSFC. Closes Aug. 8.

MS02C0194, Program Analyst. GS-343-13, Science Directorate, Business Management Office. Closes Aug. 9.

Obituaries

Dunn, Jerry Wayne, 63, of Arab, died July 10. He began working at the Marshall Center in 1961 and retired in 1994 as a senior data technician.

He was a former member of the Arab Electric Board and co-owner of Helen's Flowers in Arab. Burial was in Mt. View Cemetery.

He is survived by his wife, Sally M. Dunn; three sons, Craig Dunn and David Dunn, both of Arab, and Keith Dunn of Birmingham; two sisters, Rosemary Washam of Arab and Annette Dunn of Birmingham; and seven grandchildren.

Energy tip

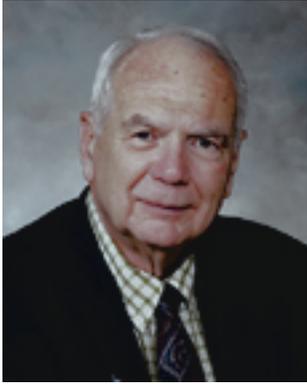
Before purchasing your next appliance, consider that you are paying two prices -- the actual appliance cost and the long-term utility bill to operate the appliance. The expected lifetime of a dishwasher or room air conditioner is 10 years; a clothes dryer is 14 years; and a refrigerator 20 years. Since the cost to operate an appliance is a long-term commitment, look for those with energy-saving trademarks to save money in the long run.



Photo by Emmett Given, NASA/Marshall Center

New hair stylist

Lisa Hastings is ready for the next customer at the Chatterbox Barber and Styling shop in Bldg. 4203. Hastings joined the staff recently after the retirement of Art Hodge.



George D. Hopson



James W. Kennedy

NASA Distinguished Service Medal



Audrey Milroy



Gerald W. Smith

NASA Distinguished Public Service Medal



Peter W. Allen



Joan A. Singer

NASA Outstanding Leadership Medal

NASA Exceptional Service Medal



Darrell G. Bailey, FD41



Judy L. Ballance, TD11



Donald F. Bishop, SD02

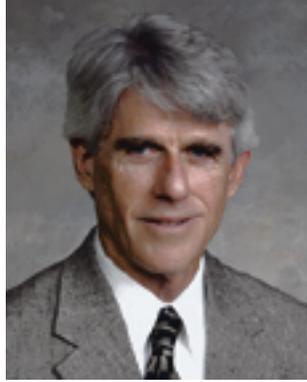


Byron W. Butler, PS01

NASA Exceptional Service Medal



Clifford S. Crowell Jr., ED15



Dennis S. Davis, QS30



N. Jan Davis, FD01



David L. Edwards, ED31



Pat Fuller, DE01



Roberto Garcia, TD64



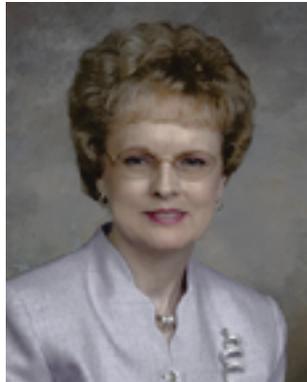
Seldon L. Harp, RS20



Paul K. McConaughy, ED20



Jimmy L. Miller, ED10



Linda W. Mullins, TD02



Jimmy E. Phillips, AD23



James L. Reuter, FD21



Rocky S. Stephens, ED27



Donald W. Thurman, SD02

NASA Exceptional Achievement Medal



Rickey D. Cissom, FD32



Daniel J. Davis, TD20



Daniel L. Dumbacher, TD20



Debra L. Eastis, TD20



Ricky A. Hall, TD72



Mary P. Kennedy, CD01



Betty B. McCown, PS10



James S. Richards, TD20



Steven E. Roy, CD70



Eric J. Shaw, VS20



Judy M. Simonds, SD03



Dennis E. Smith, TD20



Robert M. Suggs, ED44



Lawrence D. Thomas, TD20



Mark V. Vaccaro, ED24



William Y. Vaughn, RS30

NASA Public Service Medal



Carmine Bailey, Boeing/FD32



Kathy T. Baker, ICRC/ED30



Albert Reville Jr., Boeing/FD31



Charles C. Rupp, Alpha
Technology Inc./TD11

NASA Certificate of Appreciation

John D. Allen, ED
Robert M. Bagdigianm, FD
Robert N. Bradford, FD
John W. Brunson, VS
Jason C. Chuang, TD
R. Jeffrey Ding, ED
Daniel J. Dorney, TD
John M. Dumoulin, CD
Cheryl H. Erdner, SD
Michel M. Fazah, TD
Barbara W. Feaster, AD
Sheila H. Fogle, AD
Todd A. Holloway, SD

James M. Holt, ED
Vance L. Houston, TD
Joe T. Howell, FD
Steven J. Lambing, SD
June E. Malone, CD
J. Craig McArthur, TD
Joseph M. McConnell, ED
Stephen B. Meacham, FD
Kenneth L. Mitchell, FD
Barron Q. Musick, ED
Nance Jo Ogozalek, ED
Jay F. Onken, FD
Arthur T. Page, ED

Jay L. Perry, FD
Iris G. Phillips, SD
Sandra L. Presnell, PS
Carmen S. Price, FD
James A. Richard, TD
Charles F. Schafer, TD
Todd A. Schneider, ED
Carlos M. Smiley, PS
Andrew W. Smith, ED
Helen L. Thomas, UP
Lanny R. Upton, FD
Wanda M. Walter, SD

NASA Group Achievement Award

Agencywide Oracle License Team, AD31
Enhanced HOSC System Build 5 Development and Delivery Team, FD40
High Energy Replicated Optics Team, SD50
Increment 3 Payload Operations Cadre Team, FD32
Intercenter Systems Analysis Team, TD30
International Space Station Environment Testing Team, ED20
Lightweight Mission Peculiar Experiment Support Structure Carrier Team, FD23
NASA Joint Venture Program Team, CD60
NASA Technical Standards Program Team, ED41
Solid Rocket Booster Thrust Vector Control Helium Auxiliary Power Unit Upgrade Risk Reduction Team, TD52
Summer Steam Process Team, AD23
Web Time and Attendance Distribution System Project Team, RS20
Zero Boiloff Test Operations Team, TD71

NASA Public Service Group Achievement Award

Microgravity Experiment Support Team, ED24
ISS Increment 2 and 3 POIC Ground Control Systems Team, FD43

Marshall Director's Commendation Certificate

James H. Bramblett, Jr., CD
Frank M. Bugg, MP
Chris L. Casteel, ED
Kenneth S. Clifton, ED
Mary J. DeMurray, HEI
Harold P. Gerrish, Jr., TD
John M. Hanson, TD
David A. Iosco, PS
Edward F. Johnson, TD
Jimmie E. Johnson, FD
Elizabeth L. Kitchen, SD
Carolyn A. Landry, AD
Jim J. Lindsay, ED

Vanessa D. Lindsey, CD
Carol A. Lovell, VS
Matthew W. Marsh, TD
Carolyn E. McMillan, CD
Karen C. McTaggart, ED
Stephen L. Miller, ED
Jeffrey B. Mullins, FD
Elizabeth G. Paschall, AD
George E. Pendley, PS
Willie J. Phelps, Jr., MP
Glenda A. Ralls, DA
Jeffery T. Rayburn, ED
Shawn E. Reagan, FD

Talmage R. Reynolds, AD
Richard M. Ryan, UP
Glenn A. Shelby, ED
Tammy K. Simmons, LS
Annette M. Sledd, FD
Linda S. Smartt, SD
Susan H. Spencer, FD
Eric T. Stewart, ED
Frank R. Szofran, SD
Charlotte R. Talley, SD
Angelia D. Walker, QS
Bruce K. Wallace, SD
Sandra L. Williams, ASRI
Sopo Yung, CSC

Marshall Certificate of Appreciation

Glen A. Alexander, PS
Kevin J. Baker, TD
Sittra W. Battle, AD
Guy N. Brown, SD
Annie R. Burns, FD
Lydia H. Butler, PS
Claude C. Conn, TD
Pamela S. Davis, AD
Richard H. Eskridge, TD
Douglas E. Fox, ED
Raymond A. French, SD
Gary G. Genge, UP
Brent A. Harper, SD

Donald J. Hediger, ED
Lawrence D. Hill, SD
Winston M. Hodge, Infinity
Janice D. Houston, SvT
Amy G. Keith, AD
Ralph R. Kissel, bd
Thomas P. Lampton, TD
Lori D. Manis, FD
Gary D. McGriff, ED
John W. McPherson, HEI
Charles A. Meyers, ED
Donald W. Monell, UP
Charles L. Nola, UP

Steven R. Noneman, UP
Stanley T. Oliver, ED
Catherine B. Sanders, ED
Joseph A. Sanford, TD
Scott Savage, Cortez III
Scott A. Schutzenhofer, MP
Deborah L. Scrivner, TD
Robert B. Shepard, VS
Dawn C. Stanley, AD
Sandra M. Such, DE
Thomas A. Torres, ED
Camille S. Velvet, Infinity
Frank C. Winters, SD

Marshall Group Achievement Award

- Agencywide Intrusion Detection Team, AD30
- CAMEX-4Team, SD60
- Central American Research Team, SD60
- Chandra X-ray Observatory Program Management Team FD01
- Combined Environment Test Facility Team, ED38
- DELTA-L Design Team, ED12
- ISTAR Propellant Trade Study Team, TD15
- Lightweight Long Life Thrust Cell Task Team, TD61
- Marshall Management System Implementation Team, D 01
- MSFC Affirmative Procurement Team, AD 0
- MSFC Cryogenic Optical Test Team, SD74
- MSFC NASA STARS Implementation, CD10
- Microgravity Research ISS Projects Integration Team, SD11
- Multi-Purpose Logistics Module Flight Operations Support Team, FD23
- NASA-wide Security and Safeguards Network Team, AD50
- Program Planning and Control Training Team, RS40
- Propulsion Research Laboratory Special Test Equipment Procurement Support Team, PS01
- Rocket Engine Nozzle Side Loads Air Flow Test Team, TD60
- Rome Thermal Vacuum Chamber Transfer and Implementation Team, ED26
- Safety, Health and Environmental Awareness Group, QS30
- SEE Program Proposal Evaluation Team, ED03
- Shuttle Environmental Assurance Initiative Team, MP71
- Shuttle Operations Support Center Upgrade Team, MP71
- Solar-B Project Team, SD21
- Technology Transfer Space Act Agreement Continuous Improvement Team, CD30
- Training and Crew Operations End-to-End Team, FD01
- X-40A Flight Test Teams, UP40

Continued from page 1

business processes in module projects to help improve employee productivity and operations efficiency, and also increase NASA's fiscal and management accountability by delivering more reliable information.

"We are working together with other Centers more and more these days, so it's important that we have one system," said Axel Roth, Marshall associate director, and chairman of the Center's IFMP Customer Board or steering committee.

Why do we need IFMP?

"NASA's financial management systems are a significant area of management concern because these systems lack standardization and need to be modernized," said, Alan Lamoreaux, NASA assistant inspector general for audits.

Roth agreed. "Right now, every Center has its own way of doing finances," he said. "We have been trying for a number of years to have one financial center where people all over the Agency can go to one system and get data and know they are comparing apples to apples. In the past, different programs used different ways of tracking finances. The efficiency that I think will be gained from top-to-bottom with IFMP will be tremendous."

Currently, financial information must be consolidated at NASA Headquarters through cumbersome techniques. Using existing technology for these processes provides an opportunity to leapfrog current problems and land in the future. The ultimate beneficiaries are the agency program and project managers.

IFMP will provide the following:

- More timely and consistent data to support more informed decision-making
- Improved functional efficiency and effectiveness
- Promote standardization and integration of business processes and systems across NASA.

IFMP will enable "One NASA" with 10 interdependent Centers. NASA Administrator Sean O'Keefe has quickly embraced the concepts behind IFMP and

made the program the priority of the Agency. He emphasizes IFMP's success is critical to restoring credibility to NASA's financial management processes. The capabilities that will be derived from the IFMP fit well with the five goals embodied in the President's Management Agenda, specifically the goal of "Improved Financial Performance", another key component of O'Keefe's vision for NASA.

"To make 'One NASA,' this is something we've got to do," Roth said.

IFMP consists of several different module projects supporting a range of financial, administrative and functional areas of NASA.

"The idea of the modules is that we will be a lot more efficient from an Agency standpoint and a Center standpoint," Roth said.

The IFMP modules are:

- ☛ Core Financial
- ☛ Resume Management (NASA STARS)
- ☛ Position Description Management (PDM)
- ☛ Travel Management
- ☛ Core Human Resources
- ☛ Budget Formulation
- ☛ Procurement
- ☛ Integrated Asset Management (IAM)

The Marshall Center is the pilot Center for the Core Financial module project and hosts the Agency-wide project at off-site facilities located at the Intergraph Corp. campus on Dunlop Blvd., in Madison, Ala.

The Core Financial module is considered the backbone of IFMP providing management and technical leadership for Agency-wide implementation of standard systems and processes necessary to support NASA's financial management activities. Core Financial will allow NASA staff to provide timely, consistent and reliable information for management decisions and provide an accounting and budgeting structure to enable full-cost management. The Core Financial module

project is scheduled to roll out during the months of July through September with a scheduled "go-live" of mid-October 2002.

The Resume Management (NASA STARS) module introduced a new process and system that changed how NASA's human resources offices fulfill their recruiting and staffing responsibilities, and shifts the role of human resource professionals from administrators to consulting partners. It reinvents the manner in which applicants apply for jobs and how referral lists are provided to hiring managers. It also generates Internet job postings that allow employees and the public to apply for NASA jobs using an on-line resume builder.

"The Resume module basically means we can look at a lot more resumes than before and match people more quickly with positions," Roth said.

The Resume Management module was implemented in August 2001 and has been a great success by IFM program officials with well over 40,000 resumes processed since the project was fully implemented Agency wide in December 2001.

The Position Description Management module will enable the rapid preparation and classification of Position Descriptions (PD's) and the automated generation of associated documents. Managers will be able to use a Web site to select PD's from a library or build PD's by starting with a predetermined grade level, or by identifying duties and allowing the system to determine the series and grade. The Position Description Management module is scheduled for rollout at Marshall the week of July 29-Aug. 2, 2002, with a "go-live date" planned for Aug. 5.

The Travel Management module consists of a comprehensive end-to-end electronic system and streamlined processes that will be more responsive to employee needs. The module delivers several benefits, including automatic calculations of travel documents; on-line per diem rates; e-mail notifications at various stages of the travel process; electronic audit; electronic routing;

See IFMP Continued on page 10

IFMP Continued

Continued from page 9

electronic signature of travel documents; and on-line access to travel document's status and information. The Travel Management module will "go-live" on August 5.

The Core Human Resources module will deliver an Agency human resources infrastructure that meets record keeping and process requirements while helping NASA managers fill positions with staff possessing the appropriate competencies and skill sets. The Resume Management and Position Description Management modules are the first steps in building this infrastructure.

The Budget Formulation module encompasses bottoms-up formulation of institutional, program, enterprise, and Agency-level budget formulation requirements. The content, form and accessibility of budget information will support real-time management decisions. In addition, the module will transmit budget information to the IFMP Core Financial Module to establish cost accounting controls.

The Procurement module will provide a comprehensive tool to support the purchasing, receiving, invoicing and payment of goods and services for NASA. This module will provide detailed and quantitative data to facilitate, economize and expedite procurement processes.

NASA's concept of Integrated Asset Management (IAM) includes the functional areas of Aircraft Management, Environmental Management, Facilities Management, and Logistics Management. The internal processes maintain the stewardship and safety of all real and personal property owned by the federal government, and assigned control to the Agency. NASA controls a wide range of assets such as land, buildings, aircraft, space vehicles, computers, plant equipment, chemicals, supplies and hazardous waste. Detailed functions include financial reporting, physical inventory, maintenance and liability.

IFMP Integration Project Office

The Marshall Center also hosts the IFMP Integration Project Office (IPO) located on the Intergraph Corporation campus in Madison. The IPO provides management and technical leadership for the integration of individual module projects into the overall IFM system. In addition, the Integration Project is responsible for defining, implementing, and maintaining the business, applications, and technical architectures that enable the accomplishment of the defined IFM business drivers. The IPO is viewed as an extension of the IFM Program Office at NASA Headquarters, and as such, will exist for the life of the Program.

Marshall Implementation of IFMP and Change Management

IFMP is about more than just bringing new software on-line, the introduction of new business processes and systems will profoundly affect the way most people within NASA accomplish their work. Therefore, a structured change management program

is necessary to help the NASA workforce incorporate these changes and employ the new processes and systems to their full effect. The IFM program has adopted the concept of establishing Implementation Support Teams, or IST's, at each Center to provide the technical expertise needed to accommodate efficient and successful rollout and implementation of the strategies and plans necessary for each module project.

"The Marshall IST is comprised of Center employees who specialize in the three main elements of organizational change management: organizational alignment and design, training, and communications. In addition, the IST also supports the most visible element of the IFM program, the enabling component of information technology (IT) infrastructure. The IST provides the functional expertise in these change management and IT areas which will enable Marshall Center employees to acquire the skills, knowledge, and information necessary to be able to use these new systems.

"The primary focus of the IST is to provide the proper Center environment for "just-in-time" training delivery, adequate Center-wide communication of project plans and strategy to employees, and ensuring that the Marshall IT infrastructure has been properly assessed to determine IFMP requirements," said Thom Holden, leader of Marshall's IST team.

The IST works closely with each Marshall IFMP project team to ensure the team strategy and plan of action is being met and that the teams receive the necessary technical support in these areas. The IST is also responsible for ensuring that the Center's IFMP Customer Board is kept informed of Center wide concerns and issues, and facilitating the regular meetings of the board.

"IFMP will usher in entirely new and different tools for NASA employees to use and will enable the agency to conduct its financial and business affairs in a much more efficient manner," Holden said.

How will IFMP affect you? To find out, come to the IFMP Expo on Aug. 14, 2002, from 9 a.m.-2 p.m. in the Self Study Learning Center, Bldg. 4200, Room G13. There will be displays and demonstrations for employees to find out first hand about this vital agency program.

For more information visit the following websites: <http://ifmp.nasa.gov>, <http://corefinancial.ifmp.nasa.gov> or <http://ipo.ifmp.nasa.gov>.

The writer is a graduate co-op student from Utah State University, supporting the Media Relations Department.



Center Announcements

Marshall Retirees Association offering university scholarship

Students who are descendants of a Marshall Center retiree can apply for the NASA-MSFC Retirees Association Scholarship at the University of Alabama in Huntsville. The \$1,000 scholarship will be awarded for the academic year beginning in the fall. For more information, call UAH Student Financial Services at 824-2755.

Did you once race a moonbuggy?

Planning for the 10th annual Great Moonbuggy Race, to be held in 2003, has begun. Organizers would like to find any Marshall team members who once raced on a moonbuggy team. For more information, call Durlean Bradford at 544-5920.

WebTADS training notice

NASA Administrator Sean O'Keefe has requested that time keeping be delegated to the employee level. Training is now available to Marshall employees on WebTADS timesheet entry and NASA standardized policies. The WebTADS training team will be contacting the administrative officer or management support assistant of each organization to coordinate training dates and location. The training sessions will last approximately two hours and will include timekeeping standardized policies and a WebTADS system navigation demonstration. Labs will be available as needed for additional practice. Administrative officers or management support assistants should call Pam Vaughn at 544-9372 for additional information.

Retired federal employees meeting set

The National Association of Retired Federal Employees meeting will begin at 9:30 a.m. Aug. 10 at the Senior Center on Drake Avenue in Huntsville. Speaker is Rusty Russell, director of the Huntsville-Madison County Emergency Management Agency. He will present an overview of the agency's operations,

responsibilities and contingency planning for responding to anything from tornadoes to terrorism. He also will take questions from the floor. For more information, call 881-4944 or 881-3168.

NASA Ski Week reservations being accepted

The 12th-annual NASA Ski Week will be at Big Mountain ski resort in Montana on Feb. 22-March 1, 2003. This is a 3,000-acre ski resort overlooking Glacier National Park. All Marshall team members, retirees, spouses and dependents are eligible to participate. For more information, call 233-0705 or e-mail Thomas.S.Dollman@msfc.nasa.gov.

NASA Bowling League meeting

The NASA Bowling League will hold an organizational meeting Aug. 20. The league will start Sept. 3 at 6 p.m. at Monarch Lanes. All Marshall team members and dependents are eligible to participate. For more information, call Chuck Seal at 544-1120 or Rob Lake at 544-1176.

MARS co-ed volleyball meeting

MARS co-ed volleyball meeting is at noon, Aug. 5, at the Marshall Wellness Center, Bldg. 4315. For more information, call Dennis Gallagher at 961-7687 or go to <http://inside.msfc.nasa.gov/MARS/clubs.html#ball>

Marshall Tennis Club results

Winners of the mixed doubles open held June 1 include: First place to George Noel and Yvonne Hornbuckle, second place to Bob Goss and Cathy White, third place to Bill Boglio and Stacy Eshelman, fourth place to Jamie Tash and Melissa Tash and fifth place to Larry Newman and Caroline Wang. July 13 open doubles results: First place to George Noel and Morris Hornbuckle, second place to Keith Kirksey and Coy Brown, third place to Roy Germash and Jonathan Huang and fourth place to Bill Boglio and Stacy Eshelman.

ODIN catalog fair is Aug. 1-2

An ODIN catalog fair is Aug 1-2 from 8 a.m.-3 p.m., Bldg. 4200 lobby.

Directives Control Board meeting is Aug. 7

Directives Control Board meeting is from 1:45-2:45 p.m. on Aug. 7 in Bldg. 4200, Room 409. The meeting will begin immediately following the Marshall Management System Team meeting. Members, primary or alternate, should attend. Offices of Primary Responsibility members who are to present documentation, comments, resolutions or status draft documents, must attend. Those assigned action items will provide current status reports. For more information, call deborah Wills at 544-4525.

AMPET Conference registration now open

All Marshall team members are invited to attend the fifth Conference on Aerospace Materials, Processes and Environmental Technology (AMPET) on Sept. 16-18 at the Von Braun Center. Registration is open and must be completed by Sept. 2. Civil servants interested in attending the conference must submit a Conference Form 1265 to CD20-ITI/Linda Law. There is no charge for civil servants. The cost for contract employees is \$345 per person. On-line registration and on-site registration is available for non-Marshall employees. For more information, go to <http://ampet.msfc.nasa.gov> or call Linda Law at 544-3930.

Marshall annual picnic 'Family Fun Day' meal tickets on sale

Meal tickets for Family Fun Day on Aug. 17 at the Marshall Center picnic grounds are on sale through administrative offices. Tickets are \$6 for a barbecue pork, chicken or garden burger plate. With each meal ticket, employees receive two free door-prize tickets. For more information, go to "Inside Marshall."

Employee Ads

Miscellaneous

- ★ Antique glider, needs work and cushions, best offer. 256-881-1449
- ★ Cannon T50 camera w/75-200mm zoom, 50mm lenses, Cannon 244T flash, camera bag, \$150. 859-8489
- ★ Three Jet Ski's, one double trailer, three single trailers, mix and match, trades considered. 464-9232
- ★ 2001 Harley custom-built, custom paint, lots of extras, \$11,000 obo. 776-2905
- ★ German Shepherd, male, AKC registered, black/tan, 10 months old, all shots, \$100. 256-775-6308 after 4 p.m.
- ★ Go-cart, 5HP, Briggs/Stratton, 1-seater, \$275. 882-0461
- ★ Sofa & chair w/matching pillows, new/never used, blue plaid, \$600. 895-6231
- ★ Weslo/Cardio Glide Exerciser w/dial resistance, \$50. 881-1038
- ★ Alto saxophone, Vito by LeBlanc, new, played once, case and strap, \$900. 772-1843
- ★ Folding chairs with tablet arms, \$10 each. 882-9417
- ★ Eclipse 10 degree titanium driver w/ Grafaloy Pro-Lite stiff shaft, \$120. 851-7406
- ★ Apple G3 laptop 300MHz/64MB, optical drive, software and carrying case, \$550. 828-6213
- ★ Solid wooden single bed w/under-bed storage, \$200. 837-0656
- ★ Dorm refrigerator. 256-772-9867
- ★ Single waterbed, honey maple w/brass trim, includes heater, comforter, and bedding, \$100. 859-0729
- ★ Hand gun, Beretta .32 caliber Alley Cat Limited, semi-automatic, in box w/soft case, \$350. 348-4408
- ★ Paragon oak pool table, leather-wrapped pockets, 3-one" slates, cherry finish w/navy blue felt, \$2,000 obo. 509-3392
- ★ Reese 5th wheel hitch, 15K, w/new rails and installation kit, \$250. 931-732-4742
- ★ Tile saw, Model MK-470, best offer over \$200. 256-489-1275 nights

- ★ Logitech Force Feedback – steering wheel & pedals for Sony Playstation 2, used 5 times, \$30. 882-0367
- ★ Conn alto saxophone w/extra reeds, \$575; Girls blue jeans and clothes, 12-year old & younger. 882-1779
- ★ Kingsize mirrored headboard waterbed, built-in lights, 6-drawer storage, heater, linens, \$195. 520-6944
- ★ Antique round oak claw-foot table and four spindle back cane bottom chairs, \$650. 353-0370
- ★ Sauder 5-drawer dresser, oak finish, \$50; two 2-drawer file cabinets, \$20 each. 883-7187

Vehicles

- ★ 1999 Chrysler 300M, platinum/leather, chrome wheels, warranty, 31K miles, sunroof, loaded. \$16,950. 256-881-0976
- ★ 2001 Dodge Intrepid, 6K-miles, \$16,500; 2001 Concorde-LXI, maroon, \$18,395; 1994 New Yorker, driftwood, \$4,500. 828-4251
- ★ 1965 Yamaha 90cc motorcycle, electric start, needs clutch cable, \$200. 534-8186
- ★ 1992 Nissan Maxima SE, maroon/gray, auto, a/c, 175K miles, \$3,400. 882-9042
- ★ 1991 Camaro V8 automatic, PW/PL, white, 72K miles, \$4,500. 353-6358
- ★ 1989 Plymouth Grand Voyager, air, PW, AM/FM/cassette, child seats, \$2,600. 851-9982
- ★ 2000 Ford Windstar SE, leather, captain's chairs, power sliding doors, \$16,700. 256-830-0851
- ★ 1999 Mercury Mountaineer, AWD, automatic, 6-disc CD-changer, leather, loaded, 48K miles, extended warranty, \$18,500. 830-2001
- ★ 2001 Lexus RX300, AWD, navigation, heated leather seats, trailer-towing, spoiler, CD, all-power, moonroof, \$35,000. 325-7256/682-8440
- ★ 1996 Safari Trek Class A motorhome, diesel, 25', queen-bed, 42K miles, \$42,975. 895-8306
- ★ 1997 Cadillac Catera, 75K miles, loaded, forest w/tan leather, \$8,900. 256-725-7783
- ★ 1998 Dodge Grand Caravan, \$8,500

- obo. 233-6197/564-6225 pager
- ★ 2001 Lexus ES300 coach leather edition, 9K miles, wood-grain interior, loaded, \$31,000. 771-0950
- ★ 2002 Toyota Tacoma Pre-runner LTD, 4-door, V6, 150 miles, Nerf, TRD, all-options, \$22,800. 536-4326
- ★ 1999 Pontiac Firebird, navy blue, T-tops, automatic, power, leather, 3800 Performance/Security packages, \$15,495. 883-5955
- ★ 1992 Pontiac Sunbird, red convertible, one-owner, 141K miles, garage kept, \$3,300. 256-232-7394
- ★ 1991 Volvo 740, auto, leather, sunroof, AM/FM/tape/CD, new tires, \$5,500. 461-8314
- ★ 1999 Toyota Avalon XL, side airbags, champagne w/tan leather, sunroof, CD/cassette, all-power, \$15,000. 880-9025
- ★ 1997 Mustang, red, automatic, power windows/doors/seats, 12-disc CD, one-owner, \$7,500. 533-2543
- ★ 1995 Nissan King-Cab pickup, XE/V6, gray, 71K miles, automatic, a/c, bedliner, \$5,995. 895-9589

Found

- ★ Keys found at 9:25 a.m., July 24, on ATM, Bldg. 4203; call 544-3113 to identify.

Free

- ★ Two mixed breed dogs, all accessories including fencing, moving, need good home. 858-5552

Wanted

- ★ Boy's shirts, size 10-12; boys pants, size 8-10. 776-0425
- ★ Two seat baby stroller, good condition. 851-7406
- ★ ATV suitable for teenager. 882-0461
- ★ Television, 25-31" w/remote for college apartment, cable ready. 883-2757
- ★ Recumbent bicycle. 880-9025
- ★ Quality juicer, sliding glass doors in frame, good condition. 881-0883

MARSHALL STAR

Vol. 42/No. 46

Marshall Space Flight Center, Alabama 35812
(256) 544-0030
<http://www1.msfc.nasa.gov>

The Marshall Star is published every Thursday by the Internal Relations and Communications Department at the George C. Marshall Space Flight Center, National Aeronautics and Space Administration. Contributions should be submitted no later than Monday noon to the Marshall Internal Relations and Communications Department (CD40), Bldg. 4200, room 101. Submissions should be written legibly and include the originator's name. Send electronic mail submissions to: intercom@msfc.nasa.gov The Marshall Star does not publish commercial advertising of any kind.

Manager of Internal Relations
and Communications — Steven Durham
Editor — Jonathan Baggs

U.S. Government Printing Office 2002-733-060-60014

Permit No. G-27
NASA
Postage & Fees PAID
PRE-SORT STANDARD