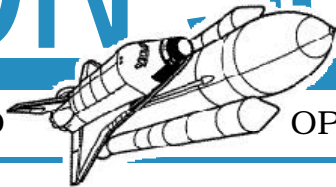


MISSION SUCCESS[®]

BULLETIN

April 4, 2002

MICHOUD



OPERATIONS

Administration submits '03 NASA budget request

President George W. Bush has submitted to Congress a budget request of \$15.0 billion for NASA in fiscal year 2003. The figure represents a \$207 million or 1.4 percent increase over 2002.

The NASA budget is the first to be submitted under new administrator Sean O'Keefe.

According to the federal Office of Management and Budget, the budget proposal will control International Space Station (ISS) cost overruns while maintaining the core U.S. Space Station and the necessary Space Shuttle flights to continue safe assembly.

The budget proposal will realign science programs to focus on high priority planetary, climate change and biological sciences; enable new technologies for effective access to space; reduce costs through competitive sourcing; and promote cost management reforms on existing programs.

As recommended by the ISS Management & Cost Evaluation task force, the budget supports a reduction in shuttle flights to four per year to meet ISS needs.

The overall 2003 budget for human space flight will decrease by \$624 million, with the Space Shuttle program reduced by \$65 million to \$3.208 billion and the ISS down \$230 million to \$1.492 billion.



External Tank Program Manager Ron Wetmore (left) talks with new NASA Administrator Sean O'Keefe (center) and NASA ET Project Manager Jerry Smelser during a recent tour of the ET production line.

As recommended by the ISS Management & Cost Evaluation task force, the budget supports a reduction in shuttle flights to four per year to meet ISS needs. NASA will review this decision periodically to determine whether additional flights are necessary.

The budget for Science, Aeronautics and Technology benefits the most in the '03 budget, with an increase of \$836 million to \$8.918 billion. The area showing the largest budget growth is space science.

Brettel named new NASA site manager

Stephen Brettel has been named resident manager at the NASA Michoud Assembly Facility and is responsible for overseeing Space Shuttle External Tank production.

Brettel began his NASA career in 1989 under an inter-agency work agreement with the Army Corps of Engineers. He then became facility manager for construction of the Advanced Solid Rocket Motor Nozzle Facility in New Orleans and later oversaw test activities for the

Space Shuttle Main Engine Project at Stennis. In 1994, he joined the ET project as a project engineer on the Super Lightweight Tank. Promoted to ET shuttle upgrades manager in 2000, he managed the Friction Stir Weld Project.



Steve Brettel

“And the Winner is...”

...STS-108 crew presents BPT of Quarter awards...

It was a tough choice — all the nominees' citations were impressive. But in the end, it was the overall impact on quality, cost, safety and productivity that clinched it for the winning team.

We're not talking Oscars here, but for the Build Process Teams (BPT) at Michoud Operations, the first award's significance is as important to ET production as the little golden guy is to Hollywood.

Production Operations Vice President Joe Marcus served as Master of Ceremonies and cited the impressive results of the 40 teams.

“About 930 continuous improvement items have been suggested by BPTs in the past two years. Last year, 243 of those items were implemented. Also last year, 1,396 labor hours were saved on the build of ETs, and in the process the product quality has been clearly improving.”

Celebrities included the STS-108

crew who announced this year's first-quarter winners. Five teams, chosen for their achievements in process improvement, competed.

- The Tooling Team improved the quality of periodic inspections while reducing time and costs by implementing the Laser Tracker system in place of conventional optics. The team also designed and fabricated tool storage pallets that hold existing tools in a manner that protects the ET.

- The Transportation & Handling Team made over 40,000 moves involving forklifts and other vehicles during the year. Team members also reconfigured vehicle storage that expedited the moves.

- The Final Assembly Thermal Protection Systems (TPS) Team reduced rework on Liquid Hydrogen Tank TPS molds and initiated the redesign of the area work platform that improved hardware quality and eliminated

potential flight anomalies at Kennedy Space Center.

- The Large Structures A, B, C, D Team was 50 percent below goal for defects while beating all cost and schedule milestones. The last six tanks were underrun by 3,236 man-hours. All were several days ahead of schedule and exceeded quality goals. These efforts played a major role in recovering ET-112 and ET-113 DD-250 dates.

And the BPT of the Quarter winner is....the Super Light Ablator (SLA) Team for its contributions that dramatically reduced hazardous waste and improved SLA processes.

In accepting the award, Team Lead John Stanley said, “This award isn't about managers, supervisors or individuals. It's about teams of people on the floor who really understand what it takes to build an ET, and how they continue to find ways to improve.”



The winning Super Light Ablator Team poses with the STS-108 crew. Kneeling from left: Team Lead John Stanley, Terry Spitelera, Dane Pearl, Mario Arthur, Ron Coleman and Howard Cornett. Second Row: BPT Administrator Cheryl Iwanczyk, Dan Morris, Vivian Tolliver, Charlene Farin and Troylynn Bass.

Standing: James Dillon, Steve Lecesne, astronauts Dan Tani and Mark Kelly, Mike Ripoll, astronaut Dom Gorie, D'Andrea Bass, astronaut Linda Godwin, Director of Manufacturing & Test Michael Javery and Ernest Garreau. Not pictured are Curtis Doucette, Keith Faciane and Calvin Martin.

Diversity Council organizes at Michoud

Michoud Operations' newly named Diversity Council met for the first time on March 8, 2002. The group comprises a broad spectrum of employees who support the concept of diversity at Lockheed Martin: *An inclusive team that values and leverages each person's individuality.*

The business case for embracing diversity is a compelling one for the aerospace industry. The pool of experienced workers is shrinking; engineering enrollment is declining while demand is growing; and the available talent pool is becoming increasingly diverse with minority groups being the fastest growing labor pool in our workforce.

The Council's charter is to develop and recommend initiatives to leadership to achieve Lockheed Martin's diversity vision and business unit goals. The Council also will serve as a forum for two-way communication on issues and initiatives that will help Michoud become the most inclusive work environment possible.

"By endorsing diversity training and communications, and developing diversity awareness materials, the Council hopes to create a more cohesive workforce and create an inclusive environment where employees can achieve their individual career goals," said Pat Powell, Diversity Council Chairperson.

ISO 9001 audit a success at Michoud

Michoud Operations has successfully completed the second assessment of the new ISO 9001: 2000 standard. BSI auditor John Rogers visited Michoud and Huntsville Technical Operations and said the business unit is making good progress. The next audit will be in September.



Members of the Michoud Operations Diversity Council include sitting from left: Cassandra Roy, Kevin Pierre, Allen Gusman, Dina Michel, Mike McGehee and Wendy McQueen. Standing from left: Chairperson Pat Powell, Alfred Donaldson, Yeung Lee, Cheryl Alexander, Katrina Boyer and Lillian Baham. Not pictured are Mike Sullivan and Domingo Reyes.

Retirement Plan update reminder

The Lockheed Martin Retirement Program was designed to blend the retirement benefits of the former Lockheed and Martin Marietta plans and to provide a gradual phase-in of new plan provisions over a 5-year transition period from July 1, 1997 to June 30, 2002.

During the transition period an early retirement supplement exists under the heritage plan formula for retirement at or after age 55 and before age 62 for salaried employees with at least ten years of benefit eligibility service.

That early retirement supplement goes away on June 30, 2002 when the transition period

ends for employees under age 60. The supplement will continue to be available for early retirement at or after age 60 and before age 62 for employees with at least ten years of benefit eligibility service.

So if someone younger than age 60 retires after June 30, 2002, that person will receive their retirement benefits, but will not be eligible to receive the early retirement supplement.

Employees can check their pension benefits by going to the website <http://benefits1.external.lmco.com> and clicking on "Your Pension Estimator" or by calling the Pension Estimating System at 800-774-2828.



Any aspiring artists out there?

Do your kids or grandkids have an artistic bent? If so, encourage them to enter the Lockheed Martin Space Systems Art Contest. The deadline is April 12. Go to gumbo.maf.nasa.gov for contest rules or check with your department administrator.

The 2002 U.S. Savings Bonds Campaign – April 8-19

We're Counting On You

Now's the perfect time to build up that egg-nest during Michoud Operations' Savings Bonds campaign April 8-19. Savings Bonds provide a safe and secure way to invest your money. Bonds fund college educations and first homes, start new businesses and make dream vacations a reality.

This year's campaign executive advisor, Marion LaNasa, points out an even more compelling reason to buy bonds.

"Ninety percent of all Lockheed Martin sales come from government programs. When employees buy Savings Bonds, they are in effect assuring the future of these programs and the country's safety."

Lockheed Martin Chairman & CEO Vance Coffman is national campaign chairman this year. "Our country needs us. We find our nation at war – and we will likely be there for some time. Buying Savings Bonds is one important way we can demonstrate support. Out of 200 million adult Americans, less than 6 percent – about 11 million – bought Savings Bonds last year. That leaves 189 million potential buyers!"

Last year, 75,000 Lockheed Martin employees purchased 1.4 million Savings Bonds valued at \$220 million. Of that employee number, 30 percent were

new or increased buyers.

This year's corporate goal is 85 percent employee participation. Currently, 78 percent of Michoud's workforce buys Savings Bonds.

When it comes to saving for the future, Americans lag significantly behind our European and Asian neighbors where the average saving rate is 10 to 16 percent. In the United States the savings rate is only 1 percent.

This year's campaign offers the ideal opportunity to improve those numbers, thereby providing financial safety for Michoud employees and their families as well as our country.

Still not convinced that Savings Bonds are a great investment? The popular I Bond is currently earning 4.40% while EE Bonds are earning 4.07%. As a little lagniappe, check out the box with the incentive prizes Michoud is offering for new enrollments and increases. Inquiring minds can visit www.savingsbonds.gov for more information.

Buying bonds is a win-win prospect for you, your family, company and our country.

U.S. Savings Bonds Prizes

New participants: minimum \$1 per week

Current participants: increase at least \$.25 per week
1 chance per week

Both Week 1 and Week 2 Prizes

- One-night stay in Le Meridien New Orleans Hotel with \$54 food and beverage credit
- 10 pair of tickets to JazzFest
- 10 pair of tickets to Entergy IMAX® Theatre

Grand Prize

- Two-night stay at Bayside Inn, Sandestin, Fla., including three-course dinner for two; daily buffet breakfast; a bottle of house wine, champagne or fruit and cheese basket; and massages for two.

Lockheed Martin receives Savings Bonds Award *Chairman & CEO Vance Coffman (center) and Michoud Operations President Dennis Deel (right) show off the National Honor Roll award presented to the company for supporting Savings Bonds. This year's campaign executive advisor, Marion LaNasa, looks on.*

Where do I go to sign up?



1. Connect to Michoud's Intranet (Gumbo)
2. Select Human Resources
3. Highlight LMPeople
4. Click on the "Globe"
5. Enter your NT user ID and password
6. Put cursor on "My Money/Payroll Data" circle (Pop-up menu)
7. Follow Savings Bonds guidelines
8. Save your changes and logout



Register for free showing at IMAX® theatre

Lockheed Martin hosts IMAX® 3D premier

Get ready for some of the most incredible IMAX® cinematography to date as "Space Station 3D" comes to the Entergy IMAX® Theatre, opening with a premier showing on Friday, April 19.

Lockheed Martin is the presenting sponsor of the film, which begins at Kennedy Space Center and follows the Space Shuttle to the International Space Station. Astronauts shot most of the film on orbit at the station.

You'll see the crew floating in zero gravity and enjoy a panorama of the cosmos, a view that only astronauts get to experience. Tom Cruise narrates the 3D film.

The movie tells the story of the historic 16-nation partnership and the challenges, setbacks and triumphs of building a laboratory in outer space.

Michoud Operations employees may register for two tickets to a free VIP showing at 9 a.m. Saturday, May 11. If interested, fill out the form below and send it to Sharon Hansen at Department 3030. The IMAX® Theatre seats 354 people so 177 employee names will be drawn from those sending in the form below.

Lockheed Martin employees will also be able to buy discounted tickets for their immediate family to "Space Station 3D" during the film's run, which could last six months.

When buying tickets at the theatre, just show your badge to get discounted adult and senior tickets for \$5.40 rather than the regular price of \$7.75. Tickets for children ages 2-12 are discounted to \$3.25 from the regular \$5 price.



IMAX® SPACE STATION 3D

Presented By

LOCKHEED MARTIN
In Cooperation With NASA

Narrated by Tom Cruise

www.imax.com

Sign up for two free tickets to SPACE STATION 3D at Employee VIP showing May 11.

Name _____
Dept/Mail Stop _____ Phone _____

Cut out and send to Sharon Hansen, Dept 3030
Entry deadline April 22.

Launch Honorees gather at KSC
 As part of the *Space Flight Awareness* program, Launch Honorees traveled to Kennedy Space Center to watch STS-109 lift off to retrieve and service the Hubble Space Telescope. Recognized for their contributions to the safe flight of the astronauts, the group spent the week learning more about the shuttle, meeting astronauts and touring KSC. First row from left: Michael Nance, Carrie Evans, Edward Dragon, Dee Willick and Dennis Whitchurch. Second row: Steve Wilson, James Ernestine, Mike Huff, Bernard Ory and Mark Hyde. Third row: Raymond Zibilich, Robert Mitchell, Ralph Mishler and Eric Roché.



MILESTONES

Employees celebrating anniversaries with Lockheed Martin in March and April:

25 years

Bethel Burns
 Chris Carcelona
 Earl Childs
 Dani Davis
 Gerald Delaup
 William Fallon
 Peter Finger
 Stephen Gaiennie
 Joseph Giordano
 Fred Lockhart
 Mark Madden
 Sidney Merkouris
 Felix Pourciau
 Donald Regan

Leon Richard
 Donald Ricouard
 David Ridgley
 Walter Smith
 Richard Whittington

20 years

Marie Alongi
 Teresa Brenning
 Linda Burrow
 Daniel Callan
 Jerry Campbell
 Ronald Catron
 Jerome Douglas
 Tom Fierke

Sharon Fitzgerald
 Walter Glaudi
 Brian Glowacki
 Robert Goodwin
 Lonnie Harness
 Jean Hendrix
 John Huggins
 Patricia Koch
 Cedric Larche
 Yvonne Marinello
 David Matherne
 John McDonald
 Philip Miles
 Brigitte Parker
 George Ragas
 Linda Ragas
 Elizabeth Rivas
 Dudley Royal
 Philip Scheurer
 Ronald Siers
 Jesse Simpson

Ann Spence
 Derek Townsend
 Christi Welsh
 Ronnie Williams

15 years

Arthur Arseneaux
 Ned Baringer
 Kevin Barré
 Herbert Claybrook
 Lyle Ferguson
 Jacob Francis
 Melinda Johnson
 Robert Meibaum
 Sherry Metzger
 Donnis Moore
 Earl Pansano
 Roland Rivera
 Michael Ryals
 Mark Smith
 Carl Williams

10 years

Edward Cherrie
 Elissa Corne
 Tandra Ribert

5 years

Raymond Batey
 Stephen Bragg
 Ray Cusimano
 Joan Detiege
 Robert Harper
 Frank Hoffman
 Robert Jorns
 Jerry Moncus
 John Petty
 Celina Rodriguez
 Michael Theriot
 Bobbie Tucker
 Jennifer Wall

MISSION SUCCESS[®] BULLETIN

Volume 21, Number 2
 April 4, 2002

Editor: Harry Wadsworth

Graphics, Photography:
 Kevin Barré, Emmett Givens,
 Horace Williams

Contributors:
 Marion LaNasa, Toni McCormick,
 Pat Powell

Lockheed Martin
 Space Systems Company
 Michoud Operations

Telephone: (504) 257-0094
Mission Success Bulletin is published
 by the Communications Department.

Lockheed Martin Space Systems Company
 Michoud Operations
 P. O. Box 29304
 New Orleans, LA 70189-0304

Please send mailing address updates to: sharon.h.hansen@maf.nasa.gov