



# Mission Success Bulletin

November 11, 2005

On-line

## Byrd, Scheuermann outline future *Eighteen more ET flights, then shift to space exploration*

In a General Assembly this week, Vice President & General Manager **Marshall Byrd** and new NASA Michoud Chief Operating Officer **Patrick Scheuermann** thanked employees for the sacrifices they've made since Hurricane Katrina and addressed Michoud's plan for the future in terms of the External Tank, the Crew Exploration Vehicle and the Shuttle Derived Vehicle.

"The good news is that we've got a job, and we're back at it," Byrd told the audience. He said Michoud is now the largest New Orleans employer.

Byrd reminded employees that NASA has announced that it prefers a Shuttle Derived Vehicle (SDV) as the

next generation launch vehicle. Such a vehicle will first carry the Crew Exploration Vehicle (CEV) to be followed by a heavy lift cargo mission.

"Both of these missions need large propulsion tanks, and NASA has focused on Michoud being the center to go off and produce these tanks," Byrd said.

A future competition will decide who will build the upper stage of the vehicle to carry the CEV, and Byrd predicted Lockheed Martin will win that contract. The company is already competing to build the CEV against a joint Northrop Grumman-Boeing team.



Scheuermann addresses employees for first time.

In a new position, Ron Wetmore as vice president of Shuttle Derived Launch Vehicles and deputy gen-

eral manager, will have the responsibility to properly position Michoud Operations

***"Our mission is to stay focused on getting External Tank products on time to support shuttle and slowly make that transition into the next exploration launch vehicles."***

– Marshall Byrd  
Vice President & General Mgr.

to pursue future NASA space exploration launch vehicle requirements.

## Sigur updates investigation, ET status

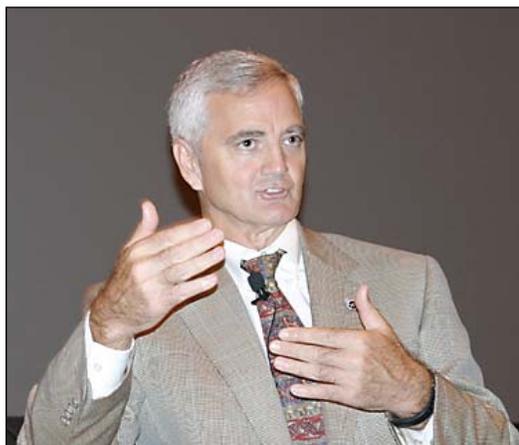
At the General Assembly, **Wanda Sigur**, the new vice president of the External Tank Project, laid out Michoud's plan to deliver two retrofitted tanks to NASA in February.

"The big challenge that we face is launching in May." To support a May launch date, Michoud must deliver an ET on February 2 and a back-up tank February 28, she said.

To accomplish this, Sigur said everyone must focus on two missions. The first is completion of the foam loss probe.

"The investigation activities were those things we needed to work through, post-STC-114, to understand what happened and figure out what corrective actions are appropriate. The second mission is getting the tank right and getting it out the door."

Currently, five teams are scrutinizing foam loss on the protuberance airloads (PAL) ramps, the bipod, flange, acreage and ice frost ramps. Sigur



Byrd discusses Michoud's future.

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## Byrd and Scheuermann outline future

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On the subject of ETs, Byrd acknowledged that the number of tanks the customer needs has decreased from 28 to 19. One mission has flown, 18 are planned, with one spare.

However, Byrd emphasized that there's plenty of work to do in a compressed window of time because the External Tank project will end in 2010 when funding will be diverted to space exploration.

***“I ask that you just keep focused and realize what you're doing now sets this place up for the future.”***

*– Patrick Scheuermann,  
NASA Michoud Chief  
Operating Officer*

In introducing Scheuermann, Byrd explained that Michoud has needed someone for a long time to focus on future development and other utilization for Michoud's campus while keeping an eye on the ET project.

Scheuermann said his main focus will be making sure that Michoud sends two good tanks to the Kennedy Space Center. He also pledged to make decisions in the best long-term interest of Michoud to position the facility for CEV, Crew Launch Vehicle and SDV work.

The new COO said he is continually fielding inquiries about the possibility of extra space at Michoud. “We're getting calls on a daily basis

now from other federal agencies who are looking to locate their businesses here.”

Scheuermann said Michoud wouldn't be in this favorable position had it not been for the ride-out crew who saved the plant during Hurricane Katrina.

He also recognized production, transportation, facilities, cafeteria and custodial crews plus the volunteer security forces who worked here in September and October – all this Scheuermann said helped him convince NASA to continue retrofit work at Michoud and bring ET-119 and ET-120 back from Kennedy Space Center.

Scheuermann also thanked employees for their attention to detail. “I'm proud of the fact that we've had no safety incidents over the last 10 to 11 weeks.”

Building 451 took a hard hit during Hurricane Katrina, and Scheuermann said the building will be repaired. Michoud has already received \$40 million to repair property, and Scheuermann said that NASA has requested almost \$500 million from Congress in supplemental appropriations to address damage at Stennis Space Center and Michoud.

Both leaders talked about the importance of focusing on the future.

“I ask that you just keep focused and realize what you're doing now sets this place up for the future,” Scheuermann said in closing remarks.

“Our mission is to stay focused on getting External Tank products on time to support shuttle and slowly make that transition into the next mission, which is space exploration launch vehicles,”

Byrd said. ■

## Sigur update

*Continued from Page 1*

listed the tasks before the ET Project:

- Remove and replace the PAL ramps; use Non-Destructive Evaluation on ramps to determine their condition before removal



**Sigur, new ET vice president**

- Remove and replace the bipod and make modifications to area
- Change out the instrumentation on the tanks
- Conduct general inspection of other areas
- Perform a series of tests on tanks and test panels to increase confidence before first flight

ET-119 will be the first

tank to fly. “We have gone through the process of inspecting PAL ramps and are in the mode of getting ready to dissect and take those off,” Sigur said.

Bipod work will follow. With the February delivery date less than 90 days away, the schedule is tight. “We've done it before,” she said.

For ET-120, PAL ramp inspection has begun. “This tank is different,” Sigur explained. “It's a tank that has seen two cryocycles on the pad. Remember this was the first tank that we were going to launch.”

The two cryocycles have changed ET-120 from its once pristine status. So far NDE has identified nine indications and eight of them look like cracks, Sigur said.

The technical community is working the existing conditions, she noted, while more inspection and testing continue.

Sigur summed up by saying that “we are going to have to be our smartest and our best now, but the Michoud family has always been committed and risen to the challenge.” ■



**Jason Holbrook, Production Operations, sprays a PAL ramp mock-up panel during Verification & Validation activities.**

# “House Busters” strip first employee house

At 1 a.m. last Saturday, **Scott Morales** and his wife left their temporary accommodations in Alabama and drove six hours to their Slidell home to meet a group of Michoud employees who call themselves the “House Busters.”

During Hurricane Katrina the Morales home took about five feet of water, and a downed tree punched a large hole in the roof.

The Michoud volunteers or House Busters are Lockheed Martin’s Disaster Aid Task Force, and the Morales home was their first project.



**Steve Stefancik, Information Technology Services, cuts away wet carpeting in the home.**

“It worked well,” says **Gordon Dyer** of the House Busters. “We had a plan; we knew the scope of the work; we walked through the house to see which furniture they wanted to save and put in the garage. Then we started clearing out the garage.”

Afterward, the House Busters appointed a foreman who assigned jobs. Some of the 11 volunteers drew wheelbarrow duty; others started ripping out sheetrock from the Morales home.

The task force is concentrating on employee homes that can be reconstructed.

“We’re trying to schedule

homes of critical skill employees on a case by case basis, beginning with homes in the worst condition first, but that can still be rebuilt,” Dyer explains.

The task force welcomes Michoud volunteers to help out on

employees’ homes. “No one needs to be a craftsman,” Dyer says. “This is non-skilled labor. We’re tearing things out, not building them.”

Morales, a lab technician in Program Management & Technical Operations, couldn’t believe what the volunteers accomplished Saturday.

“I can’t say enough about the guys. These are people I passed in the hall every day at work. My wife and I are exhausted physically and emotionally, and these folks had smiles on their faces and put a hand on our shoulders. They stripped the entire house in one day and had fun doing it. It didn’t feel like work.”

The House Busters pulled up carpet, gutted the home to the studs, took out all the ceilings except for two rooms and put a chain saw to the tree on the roof.

Morales describes the day’s work as a “huge burden lifted off my shoulders.” Contractors had told him they couldn’t get to his house until mid-December.

“My house is no longer unsanitary for my neighbors and the neighborhood. And this will help me get back to work faster.”

Contributions to the Hurricane Employee Assistance Fund from Lockheed Martin employees worldwide paid for the task force’s tools, equipment and trailer.

To volunteer to help out at an employee’s home, call Gordon at 7-0352. The next House Busters project is an employee home in Violet in St. Bernard Parish on Saturday, November 19. ■



**Scott and Melissa Morales**

## Guest house secured for temporary quarters

### *St. Vincent’s to house homeless employees*

Hurricane Katrina struck the Gulf Coast 11 weeks ago destroying or severely damaging almost half or approximately 950 of our employees’ homes. Thanks to the generosity of friends, families and neighbors – and to a great extent, our own employees’ resilience and perseverance – almost 90 percent of those Michoud employees with unlivable homes have secured their own housing solution. However, about 10 percent may need a few more weeks.

Thanks to the generosity of our Lockheed Martin family and the Hurricane Employee Assistance Fund, these employees will now have a place to live temporarily while they finalize their own personal housing.



This fund provided a way to lease St. Vincent’s Guest House on Magazine Street. This temporary housing solution meets two objectives: sheltering employees with housing issues that prevented them from returning to work; and relocating those employees who were sleeping on-site to more appropriate accommodations.

At full occupancy, St. Vincent’s can accommodate about 100 employees for up to 60 days while they obtain their own housing. Additionally, Lockheed Martin is providing security and bus service, based on demand.

The St. Vincent’s solution for temporary housing is yet another example of employees helping each other. ■

# Milestones

Employees celebrating anniversaries in September, October and November

## 30 years

Terry Clausing  
Carlos Garcia  
Dawn Leggio  
Joe Major

Lionel Smooth  
Robert Stowell  
Roy Thomas  
Henry Traylor  
Frederick Ubas  
John Welborn

Karen Poy  
Mark Richard  
Benny Robinson  
Gerard Roulé  
Scott Sanfilippo  
Frederick Schule  
Michael Simpson  
Juan Velasquez  
Richard Venable  
Gregory Vinyard  
David Waguespack  
Ted Wiggins  
Andrew Williams  
Nathaniel Williams

## 25 years

Coralie Arcement-  
Buffone  
Barney Brumfield  
Lionel Cazenavette  
Ferdinand Delery  
Paul Dillon  
Jerry Dominick  
Scott Douglas  
John Dunlop  
Gordon Dyer  
Julie Flower  
Karen Gares  
Mark Goerlitz  
Brian Gorr  
Anthony Hanson  
Terry Hennessy  
Philip Knight  
Willie Lee  
Betty Lopez  
Brian Magendie  
J. E. Moore  
Timothy Murphy  
John Palmer  
Ameen Sarkees  
Mark Sexton  
Amolak Singh

## 20 years

Charles Bergeron  
Jeannette Bilich  
Andrew Booth  
James Brooks  
Joseph Bucher  
Chris Clutter  
John Desforges  
Kevin Dolese  
Edmond Foster  
Gregory Gable  
Daniel Galbraith  
Glen Gilmore  
Gerald Green  
Vernon Greene  
Melanie Jennings  
Nathan Jones  
Susan Jones  
William Jones  
Earl Kessling  
Lloyd Labourdette  
Gary Murden  
Troy Ohlsen  
Antonio Otero  
Kim Owens  
Paul Pareti  
Debra Pierce

## 15 years

Robert Bass  
Myrna Brown  
Clifton Capers  
Theresa Dowdy  
Christian Gardner  
Michelle Guillot  
Tuan Pham

## 10 years

Simon Davis  
Colleen McGehee

## 5 years

Brian DeJan  
John Dragash  
Brian Jeansonne  
Anthony Minnick

## maffamily.com to debut soon

During the immediate weeks after Hurricane Katrina, Michoud Operations found the best way to communicate with employees and families was through *mafstatus.com*.

Michoud developed the information for employees and posted it on the website. However, *mafstatus.com* is really a work status and emergency site belonging to Safety & Product Assurance.

So Michoud will soon migrate much of the Katrina-related information over to a new website, *maffamily.com*.

Designed to be a resource for employees and their families, the site will include information about Park and Ride schedules, housing, legal matters, volunteering, the Family Support Center and more.

Content will exclusively focus on the people part of Michoud's "Go Forward" plan relating to people, plant and product. We hope you visit *maffamily.com* often to get an update on matters pertaining to your family. ■

## Ethics Corner

### Ethics Survey this month

All employees will have the opportunity to rate the ethical climate within Lockheed Martin by completing the Ethics Survey in November, either by e-mail or by hard copy. This is the sixth Ethics Survey, which goes to employees every-other year.

The survey identifies ways to improve the work environment and helps develop ethics-related products and services.

Again this year, the Ethics Resource Center, an independent, non-profit organization in Washington D.C., will distribute the survey and collect results.

All responses are confidential. Lockheed Martin receives only the results, not individual tallies. ■

## Emergency Information

To find out the work status at Michoud, go to *www.mafstatus.com* or call 257-1MAF or 1-800-611-3116, check ETV, listen to WWL-870 radio or WWL-TV, Channel 4  
*http://www.wwlw.com*

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