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Eva Robinson
Vice President, Public Sector
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<http://www.mastercard.com>

*MasterCard
International*



February 5, 2003

Ms. Kim Dagleish
National Aeronautics and Space Commission
94 Langley Boulevard.
Mail Stop 144
Hampton, VA
23681-2199

Dear Kim:

My colleagues at MasterCard and I offer our sincere condolences to you and your colleagues at the agency on the terrible loss of your team members. We share with our nation and the global community in mourning the loss of the seven courageous and dedicated members of the Columbia team.

All of you are in our thoughts and prayers.

Sincerely,

A handwritten signature in black ink, appearing to read "Eva Robinson".

Eva Robinson
Vice President
Public Sector Payment Solutions

SD-5

X-Sender: s.d.evans@pop.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.0.2
Date: Fri, 28 Feb 2003 08:26:11 -0500
To: K.S.Seitz@larc.nasa.gov
From: Shirley Evans <s.d.evans@larc.nasa.gov>
Subject: Fwd: Columbia - Their Dream Will Live On!

X-Mailer: Novell GroupWise Internet Agent 6.0
Date: Mon, 03 Feb 2003 15:39:31 -0500
From: "Ron Krodel" <krodelr@scc-fl.edu>
To: <s.d.evans@larc.nasa.gov>
Subject: Fwd: Columbia - Their Dream Will Live On!

Not a good weekend....

Date: Sat, 01 Feb 2003 19:55:43 -0500
From: "Planetarium" <Planetarium@scc-fl.edu>
To: <*.Admin1.SCC-MC@scc-fl.edu>, <*.HCPO.SCC-MC@scc-fl.edu>,
<*.Inst1.SCC-MC@scc-fl.edu>, <*.OVPO.SCC-MC@scc-fl.edu>
Subject: Columbia - Their Dream Will Live On!
Mime-Version: 1.0
Content-Type: multipart/mixed; boundary="=_326D3F89.4B2A5756"

The SCC Planetarium joins with the people of the United States, Israel and India, as well as others around the world, in mourning for the tragic loss of Columbia and her gallant Crew.

Laurent Pellerin
Operations & Production Manger
Seminole Community College Planetarium

Shirley D. Evans
Contracting Officer
NASA/LaRC
B1195A, Mail Stop 126
Hampton, VA 23681-2199
Telephone #757-864-2478
Fax #757-864-9097



Columbia.jpg

F1800

National Aeronautics and
Space Administration
Office of the Administrator
Washington, DC 20546-0001

OP/134

SSP _____
KGS _____



February 3, 2003

TO: *Director* Officials-In-Charge of Headquarters Offices
Director, NASA Centers
Director, Jet Propulsion Laboratory

FROM: AM/Chief Health and Medical Officer

SUBJECT: Support During Columbia Accident Process

ACTION _____

INFO *All Senior Staff*

DUE DATE _____ ASSIGNED BY *AK*

0302 0008

FEB-3 PM 12:52

NASA's employee assistance counselors are mobilized across the Agency with critical incident stress debrief (CISD) teams to help the NASA family deal with its grief. Their professional skills and compassion are critical in our time of need. Below are some facts that may be of use to you personally or in your approach to people who reach out to you as a senior leader.

Individuals at all levels of the agency need support in these difficult times. Everyone is experiencing loss and grief. Each individual experiences grief differently but there are general stages that everyone goes through, these include: shock, after shock and adaptation. On some level or another, all of us will experience:

- disbelief/denial,
- anger/fear/guilt/panic,
- loneliness/sadness/depression/ loss/emotional pain,
- acceptance,
- learning,
- growth,
- rededication.

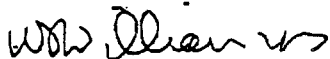
In the short run, physical reactions to grief include shock, cold feeling in the extremities, shortness of breath, confusion, fragmented thinking, agitation. Subsequent reactions may include crying, heavy feeling in the chest, and generalized numbness. Following stages may include listlessness, hyper-activity, hypersensitivity, and chest pains. The individual stages of grief may last for a few moments, several hours or even days.

These feelings are normal, as is feeling alone in time of crisis. Offers of assistance to NASA have been streaming in from other government agencies and the public at large, but it is important to maintain a personal support system. Personal support can come from your family or from colleagues, for professional support call your NASA EAP representative.

SD-7

A list of locations, names and phone numbers of EAP representatives is attached along with a supplementary chart of symptoms and reactions.

As more information becomes available we will contact you, but please feel free to contact us at 202 358-2390 if we can be of further service in any way.



Richard S. Williams, MD, FACS

Enclosures

Officials-In-Charge of Headquarters Offices:

- AD/Mr. Gregory
- AA/Mr. Stadd
- ADI/Mr. Jennings
- ADT/Dr. Greenfield
- AE/Mr. Bradley
- AF/Vacant
- AG/Mr. Ciganer
- AO/Mr. Strassmann (Acting)
- AS/Dr. Lucid
- B/Vacant
- C/Mr. Sullivan (Acting)
- E/Dr. Hayden-Watkins
- F/Ms. Novak
- G/Mr. Pastorek
- H/Mr. Luedtke
- I/Mr. Schumacher
- J/Mr. Sutton
- K/Mr. Thomas
- L/Mr. Horner
- M/Mr. Readdy
- N/Dr. Loston
- P/Mr. Mahone
- Q/Mr. O'Connor
- R/Dr. Creedon
- S/Dr. Weiler
- U/Ms. Kicza
- W/Mr. Cobb
- X/Mr. Saleeba
- Y/Dr. Asrar

Directors, NASA Centers:

ARC/Mr. Hubbard
DFRC/Mr. Petersen
GRC/Mr. Campbell
GSFC/Mr. Diaz
JSC/Gen. Howell
KSC/Gen. Bridges
LaRC/Mr. Freeman (Acting)
MSFC/Mr. Stephenson
SSC/Mr. Parsons

Director, Jet Propulsion Laboratory:

Dr. Elachi

cc:

A/Ms. Whewell
AM/Staff
CIC/Ms. Grimes
CP-3/Ms. King
ARC/QH 218-1/Ms. Glazer
DFRC/XE/Ms. Christian
GSFC/205.9/Ms. Kominoth
GRC/15-2/Mr. Wasdovich
JSC/SD-242/Ms. Reese
KSC/CHS-005/Ms. Bell
LaRC/140/Ms. Koch
MSFC/CD10/Mr. Mather
MAF/D-3086/Ms. Eaton
SSC/B1100/Mr. Donohoe
WSTF/Ms. Spayer

Center EAP Contacts*

ARC	Miriam Glazer CONCERN	650-604-5172 650-940-7100
DFRC	Kathleen Christian	661-276-2000
GSFC	Christina Kominoth	301-286-4600
HQ	Helene King	202-628-5100
JPL	Cynthia Cooper	818-354-3680
GRC	Joe Wasdovich	216-433-2989
JSC	Jackie Reese	281-483-3014
KSC	Patricia Bell	321-867-7398
LaRC	Karen Koch REACH	757-864-9423 1-800-950-3434
MSFC	Bruce Mather	256-544-7549
MAF	Kathy Eaton	504-257-2415
SSC	Tim Donohoe	228-688-3005
WSTF	Marjean Spayer	505-521-4800

**Occupational Health has established an Agency-wide contract for After Hours/Weekend Emergency EAP Services with ProtoCall.
Contact 1-888-807-7997 for after hours assistance.**

Supplementary Chart

SHOCK

<u>Emotional</u>	<u>Physical</u>	<u>Behavioral</u>
Disbelief	Numbness	Denial
Denial	Shortness of breath	Disorientation
Repetition of emotion	Heavy feeling in chest	Crying
Numbness	Empty feeling	Listlessness
	Nausea	Aimless wandering
	Dizziness	Fragmented thought
	Sleeplessness	Repeating statements
	Loss of appetite	Inability to focus
	Coldness in extremities	Trouble with short term memory
		Confusion
		Insensitivity to others

AFTER SHOCK

<u>Emotional</u>	<u>Physical</u>	<u>Behavioral</u>
Anger	Chest pains	Over-reactive
Fear	Lack of energy	Hyper-sensitive
Guilt	Headaches	Running
Panic	Fatigue	Sleeplessness
Loneliness	Vulnerability to illness	Isolation
Depression	Tension	Need to relive event
Sadness	Trouble sleeping	Reliving event despite desire
Emotional Pain	Nightmares	not to relive event
		Emotional reactivity
		Over-reaction to other events

ACCEPTANCE

<u>Emotional</u>	<u>Physical</u>	<u>Behavioral</u>
Taking responsibility	Normal circadian rhythm	Taking action
Taking initiative	Personal activity	Personal growth

X-Authentication-Warning: spinoza.public.hq.nasa.gov: majordom set sender to owner-press-release using -f
Date: Sat, 1 Feb 2003 13:00:30 -0500 (EST)
From: NASANews@hq.nasa.gov
Subject: NASA STATEMENT ON LOSS OF COMMUNICATIONS WITH COLUMBIA
Sender: owner-press-release@lists.hq.nasa.gov
To:

Robert Mirelson
Headquarters, Washington Feb. 1, 2003
(Phone: 202/358-1600)

RELEASE: 03-030

NASA STATEMENT ON LOSS OF COMMUNICATIONS WITH COLUMBIA

A Space Shuttle contingency has been declared in Mission Control, Houston, as a result of the loss of communication with the Space Shuttle Columbia at approximately 9 a.m. EST Saturday as it descended toward a landing at the Kennedy Space Center, Fla. It was scheduled to touchdown at 9:16 a.m. EST.

Communication and tracking of the shuttle was lost at 9 a.m. EST at an altitude of about 203,000 feet in the area above north central Texas. At the time communications were lost. The shuttle was traveling approximately 12,500 miles per hour (Mach 18). No communication and tracking information were received in Mission Control after that time.

Search and rescue teams in the Dallas-Fort Worth and in portions of East Texas have been alerted. Any debris that is located in the area that may be related to the Space Shuttle contingency should be avoided and may be hazardous as a result of toxic propellants used aboard the shuttle. The location of any possible debris should immediately be reported to local authorities.

Flight controllers in Mission Control have secured all information, notes and data pertinent to today's entry and landing by Space Shuttle Columbia and continue to methodically proceed through contingency plans.

More information will be released as it becomes available.

-end-

* * *

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X-Authentication-Warning: spinoza.public.hq.nasa.gov: majordom set sender to owner-press-release using -f
Date: Sat, 1 Feb 2003 13:31:39 -0500 (EST)
From: NASANews@hq.nasa.gov
Subject: NASA PRESS CONFERENCE ANNOUNCED
Sender: owner-press-release@lists.hq.nasa.gov
To:

Robert Mirelson
Headquarters, Washington Feb. 1, 2003
(Phone: 202/358-1600) 1:15 p.m. EST

RELEASE: 03-031

NASA PRESS CONFERENCE ANNOUNCED

A press conference by Space Shuttle Program Manager Ron Dittmore and Chief Flight Director Milt Heflin will take place from NASA's Johnson Space Center, Houston, beginning at 3 p.m. EST today. The briefing will be carried on NASA TV with two-way question and answer capability from other agency centers.

A Space Shuttle contingency was declared earlier this morning in Mission Control when communication was lost with the Space Shuttle Columbia during its return to Earth following a 16-day mission.

Communication and tracking of the shuttle was lost at 9 a.m. at an altitude of about 203,000 feet above north central Texas while traveling approximately 12,500 miles per hour (Mach 18). No communication and tracking information was received in Mission Control after that time.

Flight controllers in Mission Control immediately began the process of securing all information, notes and data pertinent to today's reentry and landing.

NASA TV is on AMC-2, Transponder 9C, vertical polarization at 85 degrees West longitude, 3880 MHz, with audio at 6.8 MHz.

More information will be released as it becomes available. NASA information is available on the Internet at:

www.nasa.gov

-end-

* * *

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X-Authentication-Warning: spinoza.public.hq.nasa.gov: majordom set sender to owner-press-release using -f
Date: Sat, 1 Feb 2003 16:10:34 -0500 (EST)
From: NASANews@hq.nasa.gov
Subject: STATEMENT BY NASA ADMINISTRATOR SEAN O'KEEFE
Sender: owner-press-release@lists.hq.nasa.gov
To:

Robert Mirelson
Headquarters, Washington Feb. 1, 2003
(Phone: 202/358-1600) 4 p.m. EST

RELEASE: 03-032

STATEMENT BY NASA ADMINISTRATOR SEAN O'KEEFE

"This is indeed a tragic day for the NASA family, for the families of the astronauts who flew on STS-107, and likewise is tragic for the Nation.

"Immediately upon indication of a loss of communications from STS-107, at a little after 9:00 a.m. this morning, we began our contingency plan to preserve all the information relative to the flight activities.

"I immediately advised the President and the Secretary of Homeland Security, Tom Ridge, at the point after landing was due to have occurred at 9:16 a.m., and spoke to them very briefly to advise them that we had lost contact with the Shuttle orbiter, Columbia, and STS-107 crew. They offered, the President specifically offered, full and immediate support to determine the appropriate steps to be taken.

"We then spent the next hour and a half working through the details and information of what we have received and Bill Readdy, Associate Administrator for the NASA Office of Space Flight, will walk you through the specifics of those operational and technical issues.

"We met with the family members of the astronauts who were here at the Kennedy Space Center and are soon to be departing back to the Johnson Space Center in Houston. The President has called and spoken to the family members to express our deepest national regrets. We have assured them that we will begin the process immediately to recover their loved ones and understand the cause of this tragedy.

"We have no indication that the mishap was caused by anything or anyone on the ground.

"We assembled a Mishap Investigation Team at a point past the stage that the orbiter was to have landed here at Kennedy Space Center a little after 9:30. That team, in turn, is coordinating on a regular basis on all the facts that are pertaining to this from the Johnson Space Center with help from a Rapid Response Team from here at the Kennedy Space Center, as well participants from the Marshall Space Flight Center in Huntsville, Alabama.

"In addition to these internal efforts, we have appointed a Mishap Investigation Board, an external group of people who are independent from NASA who will be charged with the responsibility to look at all the information that was immediately locked down right after the absence of communications.

"Each of these individuals are Safety and Mission Assurance related officials in other departments of the Federal government, from the Air Force, the Navy, the Department of Transportation, and across the federal expanse. This Investigation Team will be chaired by an individual who is external to the federal agencies and will have the responsibility to coordinate all the information from an external view.

"So we'll be conducting both the internal activity as well as the external review immediately to ascertain the causes and circumstances under which this tragedy occurred.

"We have pulled together all the federal agencies and local governments as well. I have been in discussion several times this morning with Secretary Tom Ridge. The effort is under way to coordinate an understanding of exactly where the orbiter path had taken it from West Texas towards the Kennedy Space Center here in Florida and to make sure that the material on the ground is secured so that the investigation can begin promptly.

"We would urge people who believe they have found any material to stay away from it and to please contact local officials. The local first responder groups for emergency services have been authorized and directed by Secretary Tom Ridge to assist in any way. The Federal Emergency Management

Agency is coordinating that effort on behalf of the Department of Homeland Security.

"I was here this morning with the families of the astronauts and their friends. It started out as a pretty happy morning, as we awaited the landing of STS-107. We had highly anticipated their return because we couldn't wait to congratulate them for their extraordinary performance and their excellent effort on this very important science mission.

"They dedicated their lives to pushing scientific challenges for all of us here on Earth. They dedicated themselves to that objective and did it with a happy heart, willingly and with great enthusiasm.

"The loss of this valued crew is something we will never be able to get over. We have assured the families that we will do everything, everything we can possibly do to guarantee that we work our way through this horrific tragedy. We ask the members of the media to honor that too. Please respect their privacy and please understand the tragedy that they are going through at this time. We will help the media assure that this will be the case as well.

"We trust the prayers of the Nation will be with them and with their families. A more courageous group of people you could not have hoped to know- an extraordinary group of astronauts who gave their lives-and the families of these crewmembers. They knew exactly the risks. And never, ever did we want to see a circumstance in which this could happen.

"We diligently dedicate ourselves every single day to assuring these things don't occur. And when they do we have to act responsibly, accountably and that is exactly what we will do."

For more information on the Internet:

www.nasa.gov

-end-

* * *

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Date: Sat, 1 Feb 2003 17:30:31 -0500 (EST)
From: NASANews@hq.nasa.gov
Subject: NASA ASKS FOR HELP WITH COLUMBIA INVESTIGATION
Sender: owner-press-release@lists.hq.nasa.gov
To:

Robert Mirelson
Headquarters, Washington Feb. 1, 2003
(Phone: 202/358-1600) 5 p.m. EST

Eileen Hawley
Johnson Space Center, Houston
(Phone: 281-483-5111)

RELEASE: 03-033

NASA ASKS FOR HELP WITH COLUMBIA INVESTIGATION

NASA has established a telephone hotline and electronic mail address for the public to use for reporting information that may help investigators studying today's Space Shuttle mishap.

Anyone who discovers debris from the accident or who has film or video evidence that may be of value to the investigation team is urged to use these contacts. Please avoid contact with any debris, because it may be hazardous as a result of toxic propellants aboard the Shuttle.

Telephone reports should be directed to the following number:

281/483-3388

Text reports and images should be e-mailed to:

nasamitimages@jsc.nasa.gov

The e-mail address is:

columbiaimages@nasa.gov

All debris is U.S. Government property and is critical to the investigation of the mishap. All debris from the accident is to be left alone and reported to Government authorities. Unauthorized persons found in possession of accident debris will be prosecuted to the full extent of the law.

-end-

* * *

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X-Authentication-Warning: spinoza.public.hq.nasa.gov: majordom set sender to owner-press-release using -f
Date: Sun, 2 Feb 2003 08:40:36 -0500 (EST)
From: NASANews@hq.nasa.gov
Subject: NASA ANNOUNCES SPACE SHUTTLE COLUMBIAACCIDENT INVESTIGATION BOARD (THE GEHMAN BOARD)
Sender: owner-press-release@lists.hq.nasa.gov
To:

Glenn Mahone/Bob Jacobs
Headquarters, Washington February 2, 2003
(Phone: 202/358-1898/1600)

RELEASE: 03-034

NASA ANNOUNCES SPACE SHUTTLE COLUMBIA
ACCIDENT INVESTIGATION BOARD (THE GEHMAN BOARD)

NASA Administrator Sean O'Keefe today announced the members of the Space Shuttle Mishap Interagency Investigation Board, which will provide an independent review of the events and activities that led up to the tragic loss of the seven astronauts Saturday on board the Space Shuttle Columbia.

The board's first meeting is scheduled for tomorrow at Barksdale Air Force Base in Louisiana.

Retired U.S. Navy Admiral Harold W. Gehman, Jr., who co-chaired the independent commission that investigated the attack on the U.S.S. Cole in Aden, Yemen, Oct. 12, 2000, and once served as the commander-in-chief of U.S. Joint Forces Command, will chair the panel.

"While the NASA family and the entire world mourn the loss of our colleagues, we have a responsibility to quickly move forward with an external assessment to determine exactly what happened and why," said Administrator O'Keefe. "We're honored to have such a distinguished panel of experts, led by Admiral Gehman."

Other members of the investigative board includes:

- * Rear Admiral Stephen Turcotte, Commander, U.S. Naval Safety Center, Norfolk, Va.
- * Major General John L. Barry, Director, Plans and Programs, Headquarters Air Force Materiel Command, Wright-Patterson Air Force Base, Ohio

- * Major General Kenneth W. Hess, Commander, U.S. Air Force Chief of Safety, Kirtland Air Force Base, N.M.
- * Dr. James N. Hallock, Aviation Safety Division Chief, U.S. Department of Transportation, Cambridge, Mass.
- * Steven B. Wallace, Director of Accident Investigation, Federal Aviation Administration, Washington
- * Brigadier General Duane Deal, Commander 21st Space Wing, Peterson Air Force Base, Colo.

Several senior NASA leaders also will be a part of the panel, including G. Scott Hubbard, Director, NASA Ames Research Center, Moffett Field, Calif. Bryan D. O'Connor, NASA Associate Administrator and former astronaut, Office of Safety and Mission Assurance, Headquarters, will serve as Ex-Officio Member, and Theron Bradley, Jr., NASA Chief Engineer, NASA Headquarters, Washington, will be Executive Secretary.

"We need to be responsible, accountable, and extremely thorough in this investigation," added Administrator O'Keefe. "This panel is charged with a most difficult task, but I am confident in their ability, their integrity, and their dedication to doing what's right. Their findings will help push America's space program successfully into the future."

"Currently, NASA is beginning an internal investigation, drawing on the extensive expertise throughout the agency. Public officials for NASA, the Federal Emergency Management Agency, and other federal, state, and local entities are coordinating talents to help find the cause of this tragedy," concluded Administrator O'Keefe

Additional information about the investigation and the STS-107 mission is available on the Internet at:

<http://www.nasa.gov>

<http://spaceflight.nasa.gov>

-end-

* * *

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Date: Sun, 2 Feb 2003 16:40:32 -0500 (EST)
From: NASANews@hq.nasa.gov
Subject: NASA MEMORIAL SERVICE SCHEDULED AT JOHNSON SPACE CENTER
Sender: owner-press-release@lists.hq.nasa.gov
To:

Glenn Mahone/Bob Jacobs
Headquarters, Washington February 2, 2003
(Phone: 202/358-1898/1600)

Eileen Hawley
Johnson Space Center, Houston
(Phone: 281/483-5111)

RELEASE: 03-37

NASA MEMORIAL SERVICE SCHEDULED AT JOHNSON SPACE CENTER

The President and Mrs. George W. Bush will join NASA Administrator Sean O'Keefe Tuesday afternoon in paying tribute to the brave heroes of the Space Shuttle Columbia crew during a special memorial service at the NASA Johnson Space Center in Houston.

The ceremony to honor NASA astronauts Rick Husband, William McCool, Michael Anderson, Kalpana Chawla, David Brown, Laurel Clark, and Israeli astronaut Ilan Ramon is scheduled to begin at 12:45 p.m. EST in the Central Mall area behind Building One. Gates are scheduled to open at 10 a.m.

This is a private ceremony for family members, friends, and invited guests, along with NASA employees and contractors. The service will be carried live on NASA Television and available on the Internet at www.nasa.gov.

Media access to the memorial service will be restricted with television and still photography access provided on a pool basis.

NASA Television is available on AMC-2, transponder 9C, C-Band, located at 85 degrees West longitude. The frequency is 3880.0 MHz. Polarization is vertical and audio is monaural at 6.8 MHz.

Additional information about the STS-107 crew and the Space Shuttle Columbia is available on the Internet at <http://spaceflight.nasa.gov>.

-end-

* * *

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by sending an Internet electronic mail message to domo@hq.nasa.gov. In the body of the message (not the subject line) users should type the words "subscribe press-release" (no quotes). The system will reply with a confirmation via E-mail of each subscription. A second automatic message will include additional information on the service. NASA releases also are available via CompuServe using the command GO NASA. To unsubscribe from this mailing list, address an E-mail message to domo@hq.nasa.gov, leave the subject blank, and type only "unsubscribe press-release" (no quotes) in the body of the message.

X-Authentication-Warning: spinoza.public.hq.nasa.gov: majordom set sender to owner-press-release using -f
Date: Mon, 3 Feb 2003 12:31:41 -0500 (EST)
From: NASANews@hq.nasa.gov
Subject: STATEMENT FROM THE FAMILIES OF SPACE SHUTTLE COLUMBIA
Sender: owner-press-release@lists.hq.nasa.gov
To:

Robert Mirelson
Headquarters, Washington Feb. 3, 2003
(Phone: 202/358-1600)

RELEASE: 03-043

STATEMENT FROM THE FAMILIES OF SPACE SHUTTLE COLUMBIA

On January 16th, we saw our loved ones launch into a brilliant, cloud-free sky. Their hearts were full of enthusiasm, pride in country, faith in their God, and a willingness to accept risk in the pursuit of knowledge --- knowledge that might improve the quality of life for all mankind. Columbia's 16-day mission of scientific discovery was a great success, cut short by mere minutes ---- yet it will live on forever in our memories. We want to thank the NASA family and people from around the world for their incredible outpouring of love and support. Although we grieve deeply, as do the families of Apollo 1 and Challenger before us, the bold exploration of space must go on. Once the root cause of this tragedy is found and corrected, the legacy of Columbia must carry on --- for the benefit of our children and yours.

-end-

* * *

NASA press releases and other information are available automatically by sending an Internet electronic mail message to domo@hq.nasa.gov. In the body of the message (not the subject line) users should type the words "subscribe press-release" (no quotes). The system will reply with a confirmation via E-mail of each subscription. A second automatic message will include additional information on the service. NASA releases also are available via CompuServe using the command GO NASA. To unsubscribe from this mailing list, address an E-mail message to domo@hq.nasa.gov, leave the subject blank, and type only "unsubscribe press-release" (no quotes) in the body of the message.

X-Authentication-Warning: spinoza.public.hq.nasa.gov: majordom set sender to owner-press-release using -f
Date: Mon, 3 Feb 2003 16:10:36 -0500 (EST)
From: NASANews@hq.nasa.gov
Subject: SHUTTLE COLUMBIA ACCIDENT PRESS CONFERENCE SCHEDULE CHANGED
Sender: owner-press-release@lists.hq.nasa.gov
To:

Robert Mirelson
Headquarters, Washington February 3, 2003
(Phone: 202/3580-1600)

Eileen Hawley
Johnson Space Center, Houston
(Phone: 281/483-5111)

RELEASE: 03-044

SHUTTLE COLUMBIA ACCIDENT PRESS CONFERENCE SCHEDULE CHANGED

The press conference schedule for Tuesday, Feb. 4, 2003 has changed.

There will not be a NASA Headquarters press conference at 11:30 a.m. EST on Feb. 4. It has been cancelled out of respect for the Space Shuttle Columbia crew memorial service and to allow NASA employees to watch the tribute.

There will not be a 4:30 EST press conference at the Johnson Space Center tomorrow. The 4:30 EST press conference for Feb. 4, 2003 will be in the NASA Headquarters auditorium, 300 E Street SW, Washington.

The press conference will feature questions from reporters at participating NASA centers and will be broadcast live on NASA Television. There will be an 11:30 a.m. EST press conference at NASA Headquarters and a 4:30 p.m. press conference at the Johnson Space Center on Wednesday, Feb. 5, 2003.

NASA TV is available on AMC-2, transponder 9C, C-Band, located at 85 degrees west longitude. The frequency is 3880.0 MHz. Polarization is vertical and audio is monaural at 6.8 MHz.

Additional information is available on the Internet at:

<http://www.nasa.gov>

<http://spaceflight.nasa.gov>

-end-

* * *

NASA press releases and other information are available automatically by sending an Internet electronic mail message to domo@hq.nasa.gov. In the body of the message (not the subject line) users should type the words "subscribe press-release" (no quotes). The system will reply with a confirmation via E-mail of each subscription. A second automatic message will include additional information on the service. NASA releases also are available via CompuServe using the command GO NASA. To unsubscribe from this mailing list, address an E-mail message to domo@hq.nasa.gov, leave the subject blank, and type only "unsubscribe press-release" (no quotes) in the body of the message.

X-Authentication-Warning: spinoza.public.hq.nasa.gov: majordom set sender to owner-press-release using -f
Date: Tue, 4 Feb 2003 20:43:38 -0500 (EST)
From: NASANews@hq.nasa.gov
Subject: SHUTTLE ACCIDENT BRIEFINGS SET
Sender: owner-press-release@lists.hq.nasa.gov
To:

Glenn Mahone/Bob Jacobs
Headquarters, Washington
(Phone: 202/358-1600)

Feb. 4, 2003

RELEASE: 03-050

SHUTTLE ACCIDENT BRIEFINGS SET

A press briefing is scheduled for 11:30 a.m. EST Wednesday in Washington at NASA Headquarters in connection with the investigation into the Space Shuttle Columbia accident.

NASA's Associate Administrator for Space Flight Bill Readdy, Michael Kostelnik, Deputy Associate Administrator for the Space Shuttle and International Space Station programs, and Dr. Howard Ross, NASA's Acting Associate Deputy Administrator for Science for the Office of Biological and Physical Research, will discuss the status of the accident investigation and the research that was the focus of Columbia's last mission. Reporters will be able to ask questions from participating NASA centers. Headquarters is located at 300 E Street, SW, Washington, 20456.

Ron Dittmore, NASA's Space Shuttle Program Manager, will update the press on the mishap investigation at 4:30 p.m. EST from the Johnson Space Center. Reporters will be able to ask questions from participating NASA centers

The press conferences will be broadcast on NASA Television. NASA Television is available on AMC-2, transponder 9C, C-Band, located at 85 degrees west longitude. The frequency is 3880.0 MHz. Polarization is vertical and audio is monaural at 6.8 MHz.

Additional information about NASA is on the Internet at

www.nasa.gov

-end-

* * *

NASA press releases and other information are available automatically by sending an Internet electronic mail message to domo@hq.nasa.gov. In the body of the message (not the subject line) users should type the words "subscribe press-release" (no quotes). The system will reply with a confirmation via E-mail of each subscription. A second automatic message will include additional information on the service. NASA releases also are available via CompuServe using the command GO NASA. To unsubscribe from this mailing list, address an E-mail message to domo@hq.nasa.gov, leave the subject blank, and type only "unsubscribe press-release" (no quotes) in the body of the message.

X-Authentication-Warning: spinoza.public.hq.nasa.gov: majordom set sender to owner-press-release using -f
Date: Wed, 5 Feb 2003 14:30:32 -0500 (EST)
From: NASANews@hq.nasa.gov
Subject: DEPUTY ADMINISTRATOR MEETS SPACE SHUTTLE COLUMBIA ASTRONAUTS'
REMAINS AT DOVER AFB
Sender: owner-press-release@lists.hq.nasa.gov
To:

Glenn Mahone/Bob Jacobs
Headquarters, Washington
(Phone: 202/358-1600)
Feb. 5, 2003

Kyle Herring
Johnson Space Center, Houston
(Phone: 281/483-5111)

436th Airlift Wing Public Affairs
Dover Air Force Base, Del.
(Phone: 302/677-3372/3375/3693)

RELEASE: 03-053

**DEPUTY ADMINISTRATOR MEETS SPACE SHUTTLE
COLUMBIA ASTRONAUTS' REMAINS AT DOVER AFB**

Today, Deputy NASA Administrator Frederick Gregory will render honors to the crew of the Space Shuttle Columbia at Dover Air Force Base in Delaware. The remains of the orbiter's seven astronauts are scheduled to arrive in flag-draped caskets at Dover about 2 p.m. EST on board a C-141 Starlifter.

The seven astronauts - Commander Rick Husband (Colonel, USAF), Pilot Willie McCool (Commander, USN) and Mission Specialists Michael Anderson (Lieutenant Colonel, USAF), David Brown (Captain, USN), Kalpana Chawla and Laurel Clark (Commander, USN), and Payload Specialist Ilan Ramon (Colonel, Israel Force) - died Saturday when the Space Shuttle Columbia broke up over the southern United States.

The Charles C. Carson Center for Mortuary Affairs at the base will prepare the remains for return to the families. Ramon's remains will be flown to his home in Israel for burial. Final funeral arrangements for the crew are still to be announced.

Video and still images of the private Honor Guard reception

will be included in a NASA Television video feed later today and available on the agency's Internet site at www.nasa.gov.

-end-

* * *

NASA press releases and other information are available automatically by sending an Internet electronic mail message to domo@hq.nasa.gov. In the body of the message (not the subject line) users should type the words "subscribe press-release" (no quotes). The system will reply with a confirmation via E-mail of each subscription. A second automatic message will include additional information on the service. NASA releases also are available via CompuServe using the command GO NASA. To unsubscribe from this mailing list, address an E-mail message to domo@hq.nasa.gov, leave the subject blank, and type only "unsubscribe press-release" (no quotes) in the body of the message.

X-Authentication-Warning: spinoza.public.hq.nasa.gov: majordom set sender to owner-press-release using -f
Date: Wed, 5 Feb 2003 17:20:32 -0500 (EST)
From: NASANews@hq.nasa.gov
Subject: SHUTTLE ACCIDENT BRIEFINGS SET
Sender: owner-press-release@lists.hq.nasa.gov
To:

Glenn Mahone/Bob Jacobs
Headquarters, Washington Feb. 5, 2003
(Phone: 202/358-1600)

RELEASE: 03-054

SHUTTLE ACCIDENT BRIEFINGS SET

A press briefing is scheduled for 4:30 p.m. EST Thursday in connection with the investigation into the Space Shuttle Columbia accident.

Ron Dittmore, NASA's Space Shuttle Program Manager, will update the press on the mishap investigation from the Johnson Space Center. Reporters will be able to ask questions from participating NASA centers. There is no press conference scheduled in Washington Thursday.

The press conferences will be broadcast on NASA Television. NASA Television is available on AMC-2, transponder 9C, C-Band, located at 85 degrees west longitude. The frequency is 3880.0 MHz. Polarization is vertical and audio is monaural at 6.8 MHz.

Additional information about NASA is on the Internet at www.nasa.gov.

-end-

* * *

NASA press releases and other information are available automatically by sending an Internet electronic mail message to domo@hq.nasa.gov. In the body of the message (not the subject line) users should type the words "subscribe press-release" (no quotes). The system will reply with a confirmation via E-mail of each subscription. A second automatic message will include additional information on the service.

NASA releases also are available via CompuServe using the command GO NASA. To unsubscribe from this mailing list, address an E-mail message to domo@hq.nasa.gov, leave the subject blank, and type only "unsubscribe press-release" (no quotes) in the body of the message.

X-Authentication-Warning: spinoza.public.hq.nasa.gov: majordom set sender to owner-press-release using -f
Date: Wed, 5 Feb 2003 20:50:37 -0500 (EST)
From: NASANews@hq.nasa.gov
Subject: NASA MISSION CONTROL CENTER STATUS REPORT
Sender: owner-press-release@lists.hq.nasa.gov
To:

Glenn Mahone/Robert Mirelson
Headquarters, Washington Feb. 5, 2003
(Phone: 202/358-1600)

RELEASE: 03-055

NASA MISSION CONTROL CENTER STATUS REPORT

The search for clues about what caused Columbia's breakup during reentry Saturday, and the hunt for key debris from the orbiter, expanded today with recovery teams deployed in California and Arizona.

Four days after Columbia broke apart 16 minutes prior to landing, Space Shuttle Program Manager Ron Dittmore said the inquiry into the cause for Columbia's demise is "picking up speed". But Dittmore said efforts to draw any new information from an additional 32 seconds of data acquired by ground computers following the loss of voice communications with Columbia have so far been unsuccessful.

In a briefing, Dittmore said the engineering evaluation teams are focusing their attention on "something other" than insulating foam on Columbia's external tank that fell off 80 seconds after launch striking the left wing, as the reason for the accident.

"It does not make sense that a piece of (foam) debris caused the loss of Columbia and its crew," Dittmore added. He reiterated Columbia tried to compensate for increased drag on its left wing in the seconds prior to its breakup, firing steering jets to right itself. But Dittmore said of Columbia, "It was doing well, but it was losing the battle."

As the engineering analysis continued, the remains of Columbia's astronauts were flown to Dover Air Force Base, Delaware, where identification of the astronauts will be completed. At the conclusion of the forensic analysis, the remains will be released to the families for burial.

Dittemore mentioned that three reports dealing with Space Shuttle thermal protection tiles were available for review by the news media. Two of those documents are available via the Internet. The third is available in hardcopy from the JSC newsroom. The titles and website addresses for that information are:

RISK MANAGEMENT FOR THE TILES OF THE SPACE SHUTTLE - 1994

<http://www.informs.org/Press/SpaceShuttle.pdf>

STS-87 POST-FLIGHT INSPECTION - 1997

<http://quest.arc.nasa.gov/people/journals/space/katnik/sts87-12-23.html>

In an earlier briefing, Michael Kostelnik, NASA's Associate Administrator for International Space Station and Space Shuttle, said the recovery operations are moving ahead "full steam", involving 2500 people nationwide from federal and local agencies. Kostelnik said NASA has added a task force to integrate the work between numerous engineering teams that are reviewing over Columbia's data and the Columbia Accident Review board, chaired by retired Navy Admiral Harold Gehman, Jr.

Kostelnik said that although a relatively small percentage of Shuttle debris has been recovered so far, segments of large components such as Columbia's nose cone and main engines have been found. The focus of the recovery effort and the data analysis, according to Kostelnik, continues to be Columbia's left wing area, although no element of the orbiter has been exonerated in the ongoing inquiry.

Aboard the International Space Station, Expedition 6 Commander Ken Bowersox, Flight Engineer Nikolai Budarin and NASA ISS Science Officer Don Pettit spent the day unloading the Russian Progress resupply ship that docked to the ISS Tuesday, carrying one ton of food, fuel and supplies.

Pettit unstowed replacement parts for the Microgravity Science Glovebox from the Progress and installed them in the facility in the Destiny laboratory in an effort to revive the Glovebox that has been dormant since November following

a power failure.

Pettit powered up the Glovebox, but a circuit breaker in the system popped and payload controllers told Pettit to shut it down so they can evaluate its current status.

On Thursday, NASA Television will broadcast a memorial ceremony for Columbia's astronauts from National Cathedral in Washington, D.C. at 10:00 a.m. EST.

The next STS-107 Accident Response briefing will be held on Thursday at 4:30 p.m. EST from the Johnson Space Center, Houston, also on NASA TV, with multi-center question and answer capability for reporters at NASA centers.

NASA TV is on AMC-2, Transponder 9C, vertical polarization at 85 degrees west longitude, 3880 MHz, with audio at 6.8 MHz.
-end-

NASA Johnson Space Center Mission Status Reports and other information are available automatically by sending an Internet electronic mail message to majordomo@listserv.jsc.nasa.gov. In the body of the message (not the subject line) users should type "subscribe" (no quotes). This will add the email address that sent the subscribe message to the news release distribution list. The system will reply with a confirmation via E-mail of each subscription. Once you have subscribed you will receive future news releases via e-mail.

* * *

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To: "Kukuchek, Paul" <paul.kukuchek@goodrich.com>
From: Sharon Deberry <s.d.deberry@larc.nasa.gov>
Subject: RE: Follow up
Cc:
Bcc:
Attached:

These sentiments were expressed by the Contractor during the process of gathering cost information on a proposed contract

Thank you, Paul.

I agree with your sentiments.

Sharon

At 07:22 PM 2/2/2003 -0800, you wrote:
Sharon,

(See attached with e-mail distribution)

Yes, I received info from our landing gear division on Friday, but it appears they don't break out the D/L portion from the Overhead. I've attached the email from the Engineering Manager who also confirms that used Govt approved rates for forward pricing. I requested a point of contact and suggest a telecon with him and Max Turner (our finance rep) if you still need the D/L portion. Gloria will help arrange it since I will be in all day meetings this week, please let us know what you would like.

No written word back from Wheel and Brake division yet.

We're all devastated by the loss of the crew of the orbiter, it reminds me how precious life is but how insignificant we are in the universe.

Please contact me or Gloria in the morning so we can arrange the telecon.

Paul

-----Original Message-----

From: Sharon Deberry [mailto:s.d.deberry@larc.nasa.gov]
Sent: Friday, January 31, 2003 3:55 PM
To: Kukuchek, Paul
Subject: RE: Follow up

Paul,

Have you received any information (direct labor and overhead rates) on the other two sister companies yet?

Thanks,
Sharon

From: "Kukuchek, Paul" <paul.kukuchek@goodrich.com>
To: "Sharon Deberry" <s.d.deberry@larc.nasa.gov>
Cc: "Montalto, Gloria" <gloria.montalto@goodrich.com>
Subject: RE: Follow up
Date: Sun, 2 Feb 2003 19:22:08 -0800
X-Mailer: Internet Mail Service (5.5.2653.19)

Sharon,

Yes, I received info from our landing gear division on Friday, but it appears they don't break out the D/L portion from the Overhead. I've attached the email from the Engineering Manager who also confirms that used Govt approved rates for forward pricing. I requested a point of contact and suggest a telecon with him and Max Turner (our finance rep) if you still need the D/L portion. Gloria will help arrange it since I will be in all day meetings this week, please let us know what you would like.

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Paul

-----Original Message-----

From: Sharon Deberry [<mailto:s.d.deberry@larc.nasa.gov>]
Sent: Friday, January 31, 2003 3:55 PM
To: Kukuchek, Paul
Subject: RE: Follow up

Paul,

Have you received any information (direct labor and overhead rates) on the other two sister companies yet?

Thanks,
Sharon

From: <ADMPUB@aol.com>

Date: Sat, 1 Feb 2003 20:24:40 EST

Subject: Bereavement Books ADM Publishing

To: tkolis@mail.arc.nasa.gov, robert.medina@dfrc.nasa.gov,
rose.e.acevedo.1@gsfc.nasa.gov, ogunter@pop200.gsfc.nasa.gov,
margo.p.kuhn@jpl.nasa.gov, Thomas.H.May@jpl.nasa.gov,
jane.johnson@ssc.nasa.gov, bjeffers@bal.jsc.nasa.gov,
David.Wansley-1@ksc.nasa.gov, a.v.vann@larc.nasa.gov,
Carl.L.Silski@grc.nasa.gov, stan.mccall@msfc.nasa.gov,
dhuff@jpl.nasa.gov, cheryl.a.harrison1@jsc.nasa.gov,
lbowden@pop200.gsfc.nasa.gov

X-Mailer: AOL 5.0 for Windows sub 139

Please accept our sincere condolences on the events of this morning. We are remembering the crew, and their surviving families in our prayers, but also the extended family of all NASA personnel who add their individual time and expertise to make such an incredible program work on a daily basis.

We connect with you today to offer our bereavement books to the surviving family members and also the personnel of NASA around the country. "Understanding Your Grieving Heart After a Loved One's Death" by award-winning author Mary M. Wong has been called "a warm wise guide by an experienced bereavement counselor" and "an invaluable guidebook." Mary lives in the Central Florida area and regularly watches, from her lawn, the shuttle take off, and waits for the sonic booms upon return to KSC. She has asked me to alert you to her book.

ADM Publishing is dedicated to producing books and audiotapes which assist those grieving a loved one's death. Please visit our site at www.admpublishing.com to read more about us. There is also a link to Barnes and Noble's website where you can read an excerpt and first chapter of the book.

What makes this book superior to others, is that

1. it contains a comprehensive list of national bereavement organizations
2. it contains a list of over 175 bereavement books, categorized by need, all reviewed by the author
3. it focuses entirely on the process of grieving the death of a loved one, while other 'grief' books include divorce, job transition, relocation, etc. which are insulting to an individual dealing with the ultimate loss
4. it is not a textbook written by an academic person trying to explain the theory behind all types of death losses. Bereaved persons gain little from this type of book because it discusses every type of death, i.e. suicide, homicide, death of an infant, etc.
5. it is intentionally only 128 easy reading pages with short paragraphs. Bereaved persons find it difficult to focus and cannot tackle 200 page books
6. it is not a personal narrative describing one person's experience
7. it is not a 'few lines per page' poetry type book which leaves the reader wanting more

It is, instead, a book written specifically to fulfill a great need within the bereavement community supplying a loving, informative guide which walks the hurting person through the various challenges they may encounter so they will not be so overwhelmed when they have many of these experiences. And it is written by a woman who has been involved in the bereavement field for almost twenty years and has personally experienced great tragedy as well.

Mary M. Wong has counseled bereaved individuals and groups, primarily survivors of homicide victims, to better understand the grieving process and how they could gain more control during overwhelming circumstances. She is the editor of the award-winning National Directory of Bereavement Support Groups and Services, and author of other works in this field. She's been honored by the New York State Legislature for her work with homicide survivors and presented with "Best New Directory, First Edition" from the SIMBA awards for Excellence in Directory Publishing.

While compiling the National Directory of Bereavement Support Groups and Services, Mary saw the need for one compassionate book which would serve bereaved individuals and their family at the onset of their journey. Having reviewed hundreds of books in this field, she knew what was currently available and it hadn't met the needs of the grieving. This was the impetus for this book.

Ordering: This book can be immediately available to you through credit card purchase from our distributor, Book Clearing House, by calling 800 431 1579. Our discount schedule is as follows: 1-5 books - \$20%, 6-25 books - 30%, 26+ books - 40%. Books are shipped and immediately shipped via UPS Ground or any other expedited method you wish (UPS overnight, etc.)

We encourage you to visit our website at www.admpublishing.com to read the excellent reviews by Publishers' Weekly (the premier magazine for booksellers), Midwest Book Review and others. As previously mentioned, you can connect to a link to Barnes and Noble where you can read an excerpt from the book (the opening letter to the reader) and the first chapter about the Myths Behind the Grieving Process.

If you have any questions or need further information, please feel free to email me.

Blessings to you at this very difficult time,

Victoria Howard
admpub@aol.com
ADM Publishing
P.O. Box 917675
Longwood, FL 32779-3647
407 774 5260
407 650 3179 fax

Dedicated to assisting those grieving a loved one's death

From: "Gloria Smith" <gsmith@smithlain.com>
To: <art.g.stephenson@msfc.nasa.gov>
Subject: Space Shuttle Columbia
Date: Sat, 1 Feb 2003 18:55:53 -0600
X-Mailer: Microsoft Outlook IMO, Build 9.0.2416 (9.0.2910.0)
Importance: Normal

OUR COUNTRY HAS SUFFERED A GREAT TRAGEDY TODAY.

WE HERE AT SMITHLAIN ENTERPRISES, INC., SHARE IN THE TERRIBLE LOST OF ALL SEVEN CREW MEMBERS OF THE SPACE SHUTTLE COLUMBIA,

***Commander Rick D. Husband (second flight),
Pilot William C. McCool (first flight),
Payload Specialist Michael P. Anderson (second flight),
Mission Specialist Kalpana Chawla (second flight),
Mission Specialist David M. Brown (first flight),
Mission Specialist Laurel B. Clark (first flight), and
Payload Specialist Ilan Ramon, Israel (first flight)***

OUR HEARTS AND PRAYERS GO OUT TO ALL OF THE CREW MEMBERS FAMILIES AND THE ENTIRE NASA AGENCY-ONE NASA

EACH CREW MEMBER GAVE THEIR LIVES SO THAT OUR LIVES COULD BE BETTER, AND FOR THAT WE SAY THANK YOU.

GOD BLESS EACH AND EVERY FAMILY MEMBER AND GOD BLESS AMERICA

Gloria L. Smith, President
SMITHLAIN Enterprises,
Inc.
Alabama

Huntsville,

From: [REDACTED]

Date: Sat, 1 Feb 2003 15:05:00 EST

Subject: Deepest Regrets from Brevard County, FL

To: David.Wansley-1@ksc.nasa.gov, ralph.thomas@hq.nasa.gov, vernell.jackson@hq.nasa.gov, tony.diamond@hq.nasa.gov, lamont.hames@hq.nasa.gov, thomas.green@hq.nasa.gov, astrahan@hq.nasa.gov, gwright@ctc.org, tkolis@mail.arc.nasa.gov, robert.medina@dfrc.nasa.gov, rose.e.acevedo.1@gsfc.nasa.gov, ogunter@pop200.gsfc.nasa.gov, margo.p.kuhn@jpl.nasa.gov, Thomas.H.May@jpl.nasa.gov, jane.johnson@ssc.nasa.gov, bjeffers@bal.jsc.nasa.gov, a.v.vann@larc.nasa.gov, Carl.L.Silski@grc.nasa.gov, stan.mccall@msfc.nasa.gov, cheryl.a.harrison1@jsc.nasa.gov, dhuff@jpl.nasa.gov, lbowden@pop200.gsfc.nasa.gov, cduff@mail.arc.nasa.gov, bradley.j.baker@grc.nasa.gov, tom.luedtke@hq.nasa.gov, russ.davis@dfrc.nasa.gov, mladomir@pop200.gsfc.nasa.gov, randy.k.gish1@jsc.nasa.gov, k.g.stone@larc.nasa.gov, cweber@nmo.jpl.nasa.gov, steve.beale@msfc.nasa.gov, rebecca.dubuisson@ssc.nasa.gov

X-Mailer: AOL 7.0 for Windows US sub 10516

El Playero

Brevard's Spanish Language Newspaper

Belkys Caridad Garcia,

Reporter / Coordinator of LATIN TEEN

Email: [REDACTED]

It is a shockingly sad day throughout the world this first day of the second month of the new year (2.1.03), as the distressing loss of NASA's Columbia mission crew stirs the nation with devastating tragedy.

I have been following Columbia's mission on NASA's local channel 15 (I live very close to the Kennedy Space Center); like many other Americans, I was intrigued by the crew and by the experiments which were taking place throughout outer space. Their joy in this mission and their immense qualities of leadership were evident and resulted in a captivating feeling of pride. The exhilarating anticipation of their landing was a source of excitement for the world. It was the shuttle Columbia's 28th mission in outer space.

I am deeply pained by the loss of these 7 courageous individuals, most of whom were married with children. If I were the wife of one of these heroes, it would be most difficult for me to cope with the loss of these aeronautical adventurers; I think it would be impossible for me to overcome such a tragedy.

Kalpana Chalwa was especially endearing to me as I watched and followed this mission. It was wonderful to see a young independent unmarried woman accomplishing such a major goal and dream, I wish peace and comfort to her parents, family and friends. My prayers are also for the souls of the entire crew and I ask our mighty Lord God to give solace to the families in their moments of grief and fear; it is a time in which we should recognize that we, as human beings, are small and miniscule in comparison to God's great power and will.

Perhaps we can take this experience and learn from it as a life lesson, may it propel us to work harder everyday to attain the goals we have set for ourselves, after all, life is short - we must take note and attempt to be an inspiration to those whom we encounter regardless of obstacles or complications placed in our paths.

Their courage and sense of dynamic skill will cause these astronauts - and those who have perished before them - to live in our hearts forever. We thank them for their service to humanity

With tremendous sorrow and tears,

[REDACTED]
[REDACTED]

The book of Daniel 12:3 :

"And the ones having insight will shine like the brightness of the expanse; and those who are bringing the many to righteousness, like the stars to time indefinite, even forever."

Bob Drosdzal, 06:26 AM 2/3/2003 -0500, Columbia Tragedy

Subject: Columbia Tragedy

To: "A. Vernon Vann Jr." <a.v.vann@larc.nasa.gov>, r.a.manning@larc.nasa.gov

X-Mailer: Lotus Notes Release 5.0.8 June 18, 2001

From: "Bob Drosdzal" <rdrosdza@csc.com>

Date: Mon, 3 Feb 2003 06:26:19 -0500

X-MIMETrack: Serialize by Router on VA-FCH32/SRV/CSC(Release 5.0.11 |July 24, 2002) at
02/03/2003 06:23:10 AM

----- Forwarded by Bob Drosdzal/CIV/CSC on 02/03/03 06:25 AM -----

"Ralph C.

Thomas" <rthomas
crosbyAV@usano.ksc.nasa.gov,
@hq.nasa.gov>
barbara.a.taylor2@boeing.com, bfortner@raytheon.com,
bjording@ball.com, bill.birkhofer@jacobs.com, william@aia-
aerospace.org,
02/01/03 04:33 rdrosdza@csc.com, carol.trammell@lmco.com,
christine.b.gamble@boeing.com,
PM cmwilson@raytheon.com, gilsonc@saic.com,
darryl.h.dennis@verizon.com,
Dave.a.Padilla@boeing.com, deborah.a.melvin@boeing.com,
debbie.smith@boeing.com,
gary.j.eisenhart@boeing.com, pualagl@mail.northgrum.com,
jeffrey.g.bass@boeing.com,
scoffjk@thiokol.com, jmalay@ball.com, jbrown@ball.com,
julie.e.paglione@lmco.com,
layne.winzeler@thiokol.com, linda.watland@honeywell.com,
Louise.Erickson@boeing.com,
lynn.heninger@atk.com, livengoodl@saic.com,
michael.a.bush@lmco.com,
mike.h.jones@usahq.unitedspacealliance.com,
murray.schooner@unisys.com,
Orlando.Stevenson@jhuapl.edu, pat.austin@trw.com,
pauline.hessler@jhuapl.edu,
priscilla.a.jones@boeing.com, raul.alvaradojr@west.boeing.com,
rich.kaufman@hs.utc.com,
lower@saic.com, rdargan@csc.com, alfred.a.boyd@saic.com,
sandra.c.edmonson@boeing.com,
sharon.whittaker@trw.com, smartel@hertz.com,
Tizoc.Loza@trw.com

cc:

Subject: Columbia Tragedy

Hi Team: That salutary expression that I always use with you is no more meaningful than on a day like today, shortly after the Columbia tragedy. Although, it is Saturday, which is a day off for us, many NASA people, like myself, are here at NASA Headquarters. We're not sure why. We just want to be here in case there is anything we can do. And even if there is nothing we can do, we still feel we should be here. The first person I saw when I entered the headquarters lobby was a former astronaut, who is now a fellow senior manager and a good friend of mine. We both looked at one another not knowing quite what to say, but our faces quite expressed our mutual sadness and concern to one another. When I got to my office there was a voice mail waiting for me from one of my staff, asking if he should come in and whether there was anything he could do.

Unfortunately, I am still in a state of shock, and do not quite know what to say. Naturally, I am very sad for the astronauts and their families. However, I am also sad for NASA as a family as well. NASA grieves with its astronauts for a long time. When I came to NASA in 1992 I still felt the sorrow and emotional pain that people here experienced from the Shuttle Challenger tragedy -- even though it happened in 1986. Every time something happens to them it's the same as if it happens to us. Not only do we know some of the astronauts personally, but everything we do is ultimately in support of them. Indeed, they are the symbol of everything we do.

I am inspired by those of you that proudly support the NASA mission everyday, as prime contractors, and at the same time serving an important part of our constituency, the small businesses. Even those of you who may not yet have a contract with NASA, we still consider you a part of the team because we can feel your emotional and loyal support for our organization. Please pray that we at NASA continue to have strong resolve to continue to do what needs to be done -- not only for ourselves and our nation, but for the world and for humanity as well.

Ralph

At 04:46 PM 2/1/2003 +0000, you wrote:

Dear Mr Ralph:

While I was reading my e-mails this evening (21.30h IST) my daughter came upto me.

"Papa, that shuttle Columbia lost contact with NASA - hello, the space shuttle has disintegrated - they are showing it now - what a great tragedy"

" And Papa, you know, Kalpana Chawla, the Indian space astronaut was on it !"

Then it all dawned on me. Kalpana Chawla, the only Indian woman to wear space suit to travel to the space twice. And the tragedy of the shuttle exploding into fragments just when it was about to land after completing its 2-week old Mission !!!

I hear that Pres Bush is going to make a statement soon. I also hear that prayers are being held at this time in Karnal, a city in the State of Punjab, where Kalpana was born, just about 200 Kms from New Delhi . And then I looked at her smiling young face on the telly, how could such a terrible thing happen to her and other companions on this mission ?

Our hearts go out in grief for the families of the brave Kalpana Chawla and the 7 other astronauts on board the ill fated shuttle including one astronaut from Israel.

Will turn in my bed tonight

In grief for the brave people who lost their lives today

Arun

With Yahoo! Mail you can get a bigger mailbox -- choose a size that fits your needs

Reply-To: <mrumsey@alternativepaths.com>
From: "Marilyn Rumsey" <mrumsey@alternativepaths.com>
To: "Marilyn Rumsey" <mrumsey@alternativepaths.com>
Subject: CISD article for the workplace
Date: Mon, 3 Feb 2003 07:06:59 -0600
X-Mailer: Microsoft Outlook IMO, Build 9.0.2416 (9.0.2910.0)
Importance: Normal

Dear NASA persons,

Growing up and living in Houston, brings the Columbia tragedy very close to home. I understand that the EAP for NASA Houston has been working with the group, which I was very pleased to hear.

I don't know if there is any help that is needed, beyond what you have already received. I am attaching an article I co-wrote regarding dealing with trauma at work, after 9/11. The focus goes beyond the CISD's and helps managers look at the work site from an individual, team, supervisor, and an organizational perspective. If it can be helpful for you, that is great. If not, I just want you to know that our thoughts are with you.

Our company is MBE certified and we provide EAP services, CISD's and other services to help with loss and transition.

If we can be of assistance beyond this article, feel free to contact us. Our thoughts and prayers will remain with you.

With deep sympathy,

Marilyn Rumsey

President
Alternative Paths, Inc.
3400 Bissonnet, Suite 265
Houston, TX 77005
Phone: 713-664-1954
Fax: 713-664-3832
mrumsey@alternativepaths.com
www.alternativepaths.com



Debriefings from workplace trauma- article HR Executive.doc

Nikki Olyai, 01:30 PM 2/3/2003 -0500, Our Deepest Sympathy

From: Nikki Olyai <NOlyai@innovisiontech.com>
To: Nikki Olyai <NOlyai@innovisiontech.com>
Subject: Our Deepest Sympathy
Date: Mon, 3 Feb 2003 13:30:50 -0500
X-Mailer: Internet Mail Service (5.5.2653.19)

Dear Friends,

On behalf of my family and the entire Innovision Technologies team, I would like to express our deepest sympathy for the dedicated Astronauts who sacrificed their lives for the advancement of the space program and for mankind. For families and friends who have lost cherished and courageous individuals in this heartbreaking tragedy, we hope that their sorrow is lessened by the knowledge that their loved ones died doing what they had dedicated their lives to, and what they loved.

We would like to salute all of you who have given so faithfully of yourselves. The valiant courage and compassion of the entire NASA family demonstrates the strength, perseverance, and unwavering spirit of our great Nation.

We hope you will join us in prayer for those who were lost, their friends and families, the NASA team, our Country's leaders, and the United States of America.

Our wonderful country and NASA will endure, and come through these challenging times with renewed determination as a model of strength, goodness, courage, and unity, for the entire world to see.

We truly appreciate your tireless efforts as we all join together in moving forward with NASA's goals.

With hope and deep confidence,

Nikki Olyai
President & CEO
Innovision Technologies, Inc.
39555 Orchard Hill Place, Suite 100
Novi, MI 48375
Phone 248-449-7691
Fax 248-449-7694
nolyai@innovisiontech.com
<http://www.innovisiontech.com>

From: Bobbi Waldner <Bobbi_Waldner@SHI.com>
To: "Susan McClain" <s.e.mcclain@larc.nasa.gov>,
"A. Vernon Vann Jr." <a.v.vann@larc.nasa.gov>,
"Sharon Hare" <s.v.hare@larc.nasa.gov>,
"Tom Kolis" <tkolis@mail.arc.nasa.gov>,
"Scott Santiago" <ssantiago@mail.arc.nasa.gov>,
"Tiffany M. Thornton" <Tiffany.M.Thornton.1@gsfc.nasa.gov>,
"Marolyn Cross" <mscross@pop200.gsfc.nasa.gov>,
"Joyce F. Tsugawa" <jtsugaw@pop200.gsfc.nasa.gov>
Subject: Bobbi Waldner - SHI
Date: Mon, 3 Feb 2003 15:47:00 -0500
X-Mailer: Internet Mail Service (5.5.2656.59)

I want to send my condolence to you, the employees, and the family members at NASA for the horrific tragedy that happen on Saturday morning. The day will be remember. Thanks Bobbi.

Bobbi Waldner
Federal Govt Account Manager
SHI
Business # 703.404.0484
Fax # 703.404.0131
Cell# [REDACTED]
bobbi_waldner@shi.com
www.shi.com

Insides Sales Reps:	
Christian Tamasco	Lauren Stypa
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Fax: 732.868.5927	Fax: 732.537.7131
christian_tamasco@shi.com	lauren_stypa@shi.com

SHI is the 6th largest privately held IT company (BusinessWeek)
<http://www.businessweek.com/magazine/content/02_25/b3788731.htm>
SHI is a small, disadvantaged, and minority owned business

From: ██████████
Date: Mon, 3 Feb 2003 09:58:58 EST
Subject: STS-170

To: a.v.vann@larc.nasa.gov, a._jo_baylor@hud.gov, andre.sheppard@gsa.gov,
Belinda Guadarrama* <bg@gcmicro.com>, donna@weyhroberts.com,
glen.constantino@sba.gov, Dukesdm@aol.com, ila@aamuri.aamu.edu,
jamese.house@usda.gov, JEFFERSON <Billy.j.jefferson1@jsc.nasa.gov>,
jfuller@futron.com, "JOHNSON DEBRA L." <debra.l.johnson1@jsc.nasa.gov>,
kkm@kkmpa.com, ldmance@attbi.com,
Major Clark Esq <major.clark@sba.gov>, manuel.rosales@sba.gov,
Nancy Archuleta <Nancy_Archuleta@mevatec.com>,
Pat Hiller<hillerp@af.pentagon.mil>, paullette.starks@mail.house.gov,
pcooksey@small-bus.senate.gov, PGREEN786@aol.com,
Scott.Denniston@mail.va.gov, sima_samiy@msn.com,
sjeddington@worldnet.att.net, susanallen@uspaacc.org,
"T. J." <tjgarcia@doc.gov>, Thomas.H.May@jpl.nasa.gov,
twong@arcataassoc.com,
"Walker Voltaire C." <voltaire_c_walker@md.northgrum.com>,
wwatson283@aol.com, yosef.patel@hq.doe.gov

X-Mailer: AOL 5.0 for Mac sub 40

STS-170

â€šWith silent, lifting mind lâ€™ve trod the high, untrespaced sanctity of
space, put out my hand,
and touched the face of God.â€™
-John Gillespie Magee Jr.
American Flier WWII-

As I reflect on Saturday, February 1, 2003, so many things went through my
mind. First, the habit I have of having my office TV on, turned down low.
Waiting for the market news to come on. They would not come on since it was
Saturday, and the markets were closed.

As I read my morning copy of the Post, my eyes were drawn to some â€šstreakâ€™
of some sort going from right to left at the top of the screen. I donâ€™t
remember what first registered, but I was in â€švirtual shockâ€™, for the rest
of the day, and well into Sunday.

Flight STS-170, would not be gliding into a smooth, uneventful landing at
Kennedy Space Center. We had lost Columbia, and the seven brave men and
women aboard it.

We grieve for them, and shall do so for awhile longer. But, we are
comforted by the fact that before we lost them, they trod the high
untrespaced sanctity of space, put out their hands and touched the face of
God.

As members of the NASA family said, letâ€™s fix this thing and move on...

They shall lift up with wings of eagles,

[REDACTED]

X-Sender: r.b.gardner@express.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.0.2
Date: Thu, 27 Feb 2003 11:49:47 -0500
To: k.s.seitz@larc.nasa.gov
From: Brad Gardner <r.b.gardner@larc.nasa.gov>
Subject: Fwd: Memorial Service at Reid Center

X-Sender: d.h.jones@pop.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.0.2
Date: Mon, 03 Feb 2003 15:38:25 -0500
To: gb+everyone@larc.nasa.gov, gb+contractor@larc.nasa.gov
From: Dave Jones <d.h.jones@larc.nasa.gov>
Subject: Memorial Service at Reid Center

From @LaRC:

STS-107 Memorial Service Tomorrow (Tuesday, 2/4)

Langley civil service and contractor employees are invited to participate in a memorial service for the STS-107 crew being held at the Johnson Space Center tomorrow. Speakers will include President Bush and Administrator O'Keefe.

The memorial will be broadcast via NASA TV and be held in the Reid Conference Center.

Employees are asked to be in place by 12:50 p.m. Associate Director Douglas Dwoyer will make opening remarks on behalf of Acting Director Freeman. The service is expected to conclude about 1:30

X-Sender: r.b.gardner@express.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.0.2
Date: Thu, 27 Feb 2003 11:50:40 -0500
To: k.s.seitz@larc.nasa.gov
From: Brad Gardner <r.b.gardner@larc.nasa.gov>
Subject: Fwd: Columbia memorial

X-Sender: d.l.dajon@pop.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.0.2
Date: Thu, 06 Feb 2003 08:26:34 -0500
To: picasso+larc@larc.nasa.gov
From: Debra Dajon <d.l.dajon@larc.nasa.gov>
Subject: Fwd: Columbia memorial

From: Dave Rosenbaum <d.m.rosenbaum@larc.nasa.gov>
To: Debbie Dajon <d.l.dajon@larc.nasa.gov>
X-Sender: d.m.rosenbaum@express.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.1
Date: Wed, 05 Feb 2003 11:12:39 -0700
Subject: Columbia memorial
X-OriginalArrivalTime: 05 Feb 2003 18:13:06.0166 (UTC) FILETIME=
[3B073960:01C2CD42]

debbie,

see below. thought this might be a nice thing to distribute to the entire CALIPSO team.

dave

From: "Hurt, Julie" <JHURT@ball.com>
To: "Rosenbaum, David" <drosenba@outlander.ball.com>
Subject: Thank you
Date: Wed, 5 Feb 2003 09:01:15 -0700
Thread-Topic: Thank you
Thread-Index: AcLNL2OVUpTWCFZxShaYXI/Iw/gzKQ==
Priority: Urgent
Importance: high

X-OriginalArrivalTime: 05 Feb 2003 16:01:49.0370 (UTC) FILETIME=
[E41789A0:01C2CD2F]

Hi Dave--I just wanted to say thank you for letting me and others now about the NASA Memorial yesterday. This is a nice memorial that was sent to me and I thought it would be nice if you had a copy of it. Thanks again.

In Memoriam
of the crew of STS-107



High Flight

Oh! I have slipped the surly bonds of earth
And danced the skies on laughter-silvered wings;
Sunward I've climbed, and joined the tumbling mirth
Of sun-split clouds - and done a hundred things
You have not dreamed of - wheeled and soared and swung
High in the sunlit silence. Hov'ring there,

I've chased the shouting wind along, and flung
My eager craft through footless halls of air.
Up, up the long, delirious, burning blue
I've topped the wind-swept heights with easy grace
Where never lark, or even eagle flew -
And, while with silent lifting mind I've trod
The high untrespassed sanctity of space,
Put out my hand and touched the face of God.

John Gillespie Magee, Jr.



Rick Husband



William McCool



Laurel Clark



Kalpana Chawla



Ilan Ramon



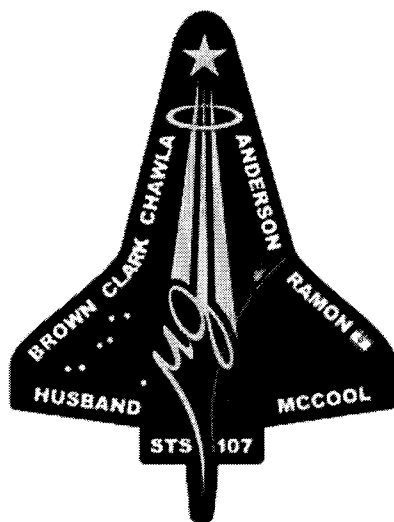
Michael Anderson

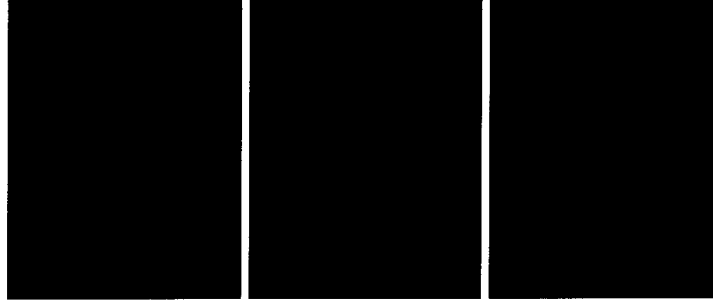


David Brown

When I must leave you for a little while
Please do not grieve and shed wild tears
And hug your sorrow to you through the years
But start out bravely with a gallant smile;

Reach out your hand in comfort and in cheer
And I in turn will comfort you and hold you near;
And never, never be afraid to die,
For I am waiting for you in the sky!





Julie Ann Hurt

**Kepler Program/Calipso Program
Administrative Associate Senior**
Ball Aerospace & Technologies Corporation
Civil Space Systems
1600 Commerce Street; AR-1
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David M. Rosenbaum
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Debra L. Dajon

NASA Langley Research Center, MS435
Hampton, VA 23681
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d.l.dajon@larc.nasa.gov

X-Sender: r.c.shisler@pop.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.0.2
Date: Wed, 26 Feb 2003 16:41:58 -0500
To: k.s.seitz@larc.nasa.gov
From: Richard Shisler <r.c.shisler@larc.nasa.gov>
Subject: Fwd: FW: Tribute to Columbia crew.

Reply-To: [REDACTED]
From: [REDACTED]
To: "Molly Coburn" <m.g.coburn@larc.nasa.gov>, <s.d.evans@larc.nasa.gov>, <r.c.shisler@larc.nasa.gov>, <r.a.manning@larc.nasa.gov>
Subject: FW: Tribute to Columbia crew.
Date: Wed, 5 Feb 2003 15:49:47 -0500
X-Mailer: Microsoft Outlook IMO, Build 9.0.2416 (9.0.2910.0)
Importance: Normal

-----Original Message-----

From: [REDACTED]
Sent: Wednesday, February 05, 2003 3:08 PM
To: Karen Brauer; Sherry Graham
Subject: FW: Tribute to Columbia crew.

-----Original Message-----

From: [REDACTED]
Sent: Wednesday, February 05, 2003 2:53 PM
To: undisclosed-recipients
Subject: FW: Tribute to Columbia crew.

A bit long...

thank you all for your prayers for the affected families

 [Incredimail - Email has finally evolved - Click Here](#)

SD-41



Columbia.pps

X-Sender: m.g.coburn@pop.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.0.2
Date: Wed, 26 Feb 2003 16:31:52 -0500
To: k.s.seitz@larc.nasa.gov
From: Molly Coburn <m.g.coburn@larc.nasa.gov>
Subject: Fwd: Sympathy Card Address--Re Columbia Tragedy

REF: K. Stone's email 2/26/03

Kim, per the ref. email request, I have rec'd NO condolences. However, here's the *only* corresp I have had where I fielded a couple of questions re the tragedy from our former proc. employee, Alfonso Garcia (who now works for GAO-Norfolk), see below. I think the folks in his office have since sent a signed card of condolence [I do not know to whom they addressed it].

NOTE: The answers to Fons' 2 questions to me just happened to be addressed by our Daily Press in ANSWER DESK/Pernell Watson's columns on 2/16 and 2/13, respectively. I fwd'd copies of these 2 articles to Cheryl Cleghorn in our Public Services Ofc.

Molly C./42523

Date: Tue, 04 Feb 2003 11:54:33 -0500
To: GarciaA@GAO.GOV
From: Molly Coburn <m.g.coburn@larc.nasa.gov>
Subject: Sympathy Card Address

Fons,

Your telephone Question 1 - I checked with our Public Services Office (Cheryl Cleghorn, 864-2497). A sympathy card should be addressed to our acting Director. His address is:

ATTN Mr. D. C. Freeman, Jr.
Acting Director, Mail Stop 106
NASA Langley Research Center
Hampton, VA 23681-2199

Your Question 2 - I asked Cheryl about the address for the STS-107 Astronauts' children fund but their office had no info (they didn't even know if there was such a fund) at this time but said they will get back to me later. TBD.

Molly C.
864-2523

SD-42

X-Sender: r.b.gardner@express.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.0.2
Date: Thu, 27 Feb 2003 11:47:16 -0500
To: k.s.seitz@larc.nasa.gov
From: Brad Gardner <r.b.gardner@larc.nasa.gov>
Subject: Fwd: Columbia

From: Belon Bruno <Bruno.Belon@cnes.fr>
To: "'picasso+all@larc.nasa.gov'" <picasso+all@larc.nasa.gov>
Cc: Rougeron Michel <Michel.Rougeron@cnes.fr>,
DeLeffe Alain <Alain.Deleffe@cnes.fr>,
Pircher Marc <Marc.Pircher@cnes.fr>,
Vidal-Madjar Daniel <Daniel.Vidal-Madjar@cnes.fr>
Subject: Columbia
Date: Mon, 3 Feb 2003 10:09:10 +0100
X-Loop-Check:

Dear colleagues,

All the members of the Calipso team share your grief after the loss of Columbia and its crew. We know that such an accident is a very hard event for you, and moreover the loss of lifes is a tragedy.
Be sure of our sympathy

The Frenh Calipso Team

Bruno BELON
Chef du Projet Calipso

CNES
18 Avenue Edouard Belin
31401 TOULOUSE cedex 4
FRANCE

Tél : (33) 5 61 28 18 51
Fax : (33) 5 61 28 29 95
email : bruno.belon@cnes.fr

SD-44

X-Sender: m.g.batina@express.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 4.3.1
Date: Thu, 27 Feb 2003 07:32:01 -0500
To: "SEITZ, KIMBERLY S" <K.S.SEITZ@larc.nasa.gov>
From: "Maxine G. Batina" <m.g.batina@larc.nasa.gov>
Subject: Fwd: A Message to the NASA Family: Loss of Columbia and Its Crew

FYI - FOIA Request

X-Sender: r.a.manning@pop.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.0.2
Date: Mon, 03 Feb 2003 13:35:15 -0500
To: gb+everyone@larc.nasa.gov, gb+contractor@larc.nasa.gov
From: "Randy A. Manning" <r.a.manning@larc.nasa.gov>
Subject: Fwd: A Message to the NASA Family: Loss of Columbia and Its Crew

X-Sender: bcephas@mail.hq.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 4.3.2
Date: Mon, 03 Feb 2003 13:27:13 -0500
To: R.A.MANNING@larc.nasa.gov
From: Barbara Cephas <bcephas@hq.nasa.gov>
Subject: Fwd: A Message to the NASA Family: Loss of Columbia and Its Crew

Randy, the memorial service is at 12 noon tomorrow.

Date: Mon, 3 Feb 2003 07:45:26 -0500 (EST)
X-Authentication-Warning: spinoza.public.hq.nasa.gov: majordom set sender to owner-headquarters using -f
Subject: A Message to the NASA Family: Loss of Columbia and Its Crew
From: InfoCom <infocom@hq.nasa.gov>
Sender: owner-headquarters@lists.hq.nasa.gov

This message is being transmitted to all NASA HQ and Center employees.
Point of Contact: Glenn Mahone, Code P, 358-1898.

SD-46

**A MESSAGE TO THE NASA FAMILY:
The Loss of Columbia and Its Courageous Crew**

The loss of the courageous crew of STS-107 and of the Space Shuttle Columbia has brought tragedy to the NASA family, to the families of these seven heroes and to our Nation.

Our thoughts and prayers are with the families of seven remarkable individuals-Rick Husband, William McCool, Mike Anderson, Dave Brown, Kalpana Chawla, Laurel Clark and Ilan Ramon. These explorers performed magnificently and with tremendous spirit on this mission to expand our scientific horizons.

The bond between those who venture into the frontier of space, and those who make spaceflight possible is incredibly strong. Accordingly, our grief is unbearably great. But so is our resolve to do everything we possibly can for the families of the Columbia crew to find out what caused this accident, and to move on to correct what problems we find and make sure this never happens again. We owe them that.

To honor the Columbia crew and the family members who have borne their personal grief with tremendous dignity and courage, President Bush will join us for a memorial service at the Johnson Space Flight Center on Tuesday, February 4 at 12 noon. All badged NASA employees are welcome to attend this event. There will also be a memorial service on Thursday, February 6 at Washington's National Cathedral at 1:00 p.m.

Our nonstop work to recover from this terrible tragedy also honors the astronauts and their families. That work, which began the minute we realized that Columbia and its crew would not safely return home, will be NASA's chief focus in the days and weeks ahead, along with the continued safe operations of the International Space Station.

The work for the accident investigation is ongoing at many locations, and is being supported by federal, state and local government organizations who are helping us collect all the

evidence. Their cooperation is greatly appreciated. To help this work we have appointed a NASA Space Shuttle Mishap Investigation Team and an independent investigation board, which will provide an objective review of the events and activities that led up to Saturday's tragedy. Retired U.S. Navy Admiral Harold W. Gehman, Jr., the former Commander in Chief of the U.S. Atlantic Command, who later led the independent commission that investigated the attack on the U.S.S. Cole, will chair the investigative board. The board has already held its first meeting at Barksdale Air Force Base in Louisiana.

In the horrible hours after the loss of Columbia, I saw countless examples of NASA employees pulling together and doing their jobs with the professionalism that the American public expects from this storied agency. And the President has asked me to pass along his appreciation and admiration for the professionalism being displayed by the entire NASA family.

As all of us strive to leave no stone unturned in the accident investigation and recovery efforts, let us also remember our responsibilities to take care of our fellow NASA family members. Our dedicated Employee Assistance professionals are on hand to help should anyone need emotional support in the days ahead. Please feel comfortable in asking for their services if the need arises.

As we search for solace in this challenging time, I have found comfort in the following verse of the Navy Hymn that was written especially for our astronauts:

Eternal Father, King of birth,
Who didst create the heaven and earth,
And bid the planets and the sun
Their own appointed orbits run;
O hear us when we seek thy grace
For those who soar through outer space.

May God bless the crew of STS-107, their families, and the members of the NASA family.

Sean O'Keefe
NASA Administrator

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HQ Information Technology & Communications Division. For more
information on InfoCom services, call 358-2299 or 358-4817, or
visit the InfoCom web page at <http://www.hq.nasa.gov/hq/infocom>

Barbara L. Cephas

NASA Headquarters
Contract Management Division
Code HK
(202) 358-0465 FAX (202) 358-3083

X-Sender: k.g.stone@pop.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.0.2
Date: Mon, 03 Feb 2003 13:20:35 -0500
To: gb+everyone@larc.nasa.gov
From: "Kimberly G. Stone" <k.g.stone@larc.nasa.gov>
Subject: Inquiries Concerning the Columbia Tragedy

I am sure you were terribly saddened by the tragic loss of the crew of Columbia. I want you to know that Langley has offered its technical expertise to assist in the investigation and that our Center Director sent a message of condolence to both JSC and KSC on Saturday. External Affairs has informed us that the memorial service at JSC at 1:00 PM EST tomorrow will be carried on NASA Select TV. I expect that any other activity taking place during that time will be cancelled so that all employees may watch the service if they choose to do so.

Of course there is tremendous media interest and inquiries began going to LaRC personnel over the weekend. In the interest of getting these inquiries to the appropriate experts and/or spokesperson for the Center please treat any inquiry you receive with great care. Please act quickly by consulting your Branch Chief if you receive a request. In the vast majority of cases it will likely be appropriate to refer the inquiry to the LaRC Office of External Affairs who can speak to the official NASA or LaRC position on particular matters. In the case of FOIA requests, we will follow the normal FOIA process, but each response will be coordinated with the LaRC Office of Chief Counsel before it is released.

While NASA is doing everything it can to quickly provide information to the media and the public, we need to make sure that the information provided is correct.

If you have any questions or concerns just talk to your Branch Chief or to me. Thank you.

Kim

SD-47

X-Sender: c.t.weih@pop.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.0.2
Date: Thu, 27 Feb 2003 07:26:16 -0500
To: K.S.Seitz@larc.nasa.gov
From: Tom Weih <c.t.weih@larc.nasa.gov>
Subject: Columbia Email #3

Per Kim Stone's request.

Tom

X-Sender: j.a.grigor@pop.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.1
Date: Tue, 04 Feb 2003 07:58:21 -0500
To: gb+everyone@larc.nasa.gov, gb+contractor@larc.nasa.gov
From: Julie Grigor <j.a.grigor@larc.nasa.gov>
Subject: Fwd: Love This Site - Columbia

Reply-To: <Steven_Becca1@DeerLake.com>
From: "Steven and Becca" <Steven_Becca1@DeerLake.com>
To: <j.a.grigor@larc.nasa.gov>
Subject: Love This Site - Columbia
Date: Mon, 3 Feb 2003 05:02:10 -0800
X-Mailer: Microsoft Outlook IMO, Build 9.0.2416 (9.0.2911.0)
Importance: Normal

Our whole country will feel this loss.
Our prays and thoughts go out to the families of the brave crew of
The Space Shuttle Columbia.

Poem by Deborah Guerrero
<http://saintsandheroes.com/columbia/>

Lost : Space Shuttle Columbia

Let us all hold our family and friends a little closer today.
Steven and Becca

SD-48

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Thought for Tonight - Some people make the world SPECIAL just by being in it.

-

Julie A. Grigor
Contract Close Out
Brace Management
NASA LaRC
Hampton, VA 23681
Ph: (757) 864-2311
Ex: (757) 864-2505

X-Sender: d.j.hart@pop.larc.nasa.gov
 X-Mailer: QUALCOMM Windows Eudora Version 4.3.1
 Date: Thu, 27 Feb 2003 08:55:21 -0500
 To: k.s.seitz@larc.nasa.gov
 From: "Deloris J. Hart" <d.j.hart@larc.nasa.gov>
 Subject: Fwd: Condolences

This is a condolence I received from Boeing.

Subject: Condolences
 Date: Mon, 3 Feb 2003 10:52:50 -0800
 Thread-Topic: Condolences
 Thread-Index: AcLLtXOCXVhe3nUARKatqaIY03GuyA==
 From: "Steelsmith, Michael P" <michael.p.steelsmith@boeing.com>
 To: "Hart Deloris (E-mail)" <D.J.HART@larc.nasa.gov>,
 "Teresa Hass (E-mail)" <t.m.hass@larc.nasa.gov>
 X-OriginalArrivalTime: 03 Feb 2003 18:52:51.0336 (UTC) FILETIME=
 [73DFC880:01C2CBB5]

Dear Ms. Hart and Ms. Hass

I just wanted to extend my deepest and most heartfelt condolences to you both and to the entire NASA community regarding the tragic event of last Saturday. Although I can only speak for myself, I am sure that all of my co-workers at the Boeing Company share in the grief and sadness that the NASA family is now experiencing.

I have always believed that the NASA mission embodies all that is right about America. I am certain, that through the continued efforts of good people such as yourselves and the entire NASA team, our country's space program will continue to move forward beyond this tragedy and on to even greater achievements.

For now however, it is a time for grief, sadness, and prayer from all of us to all of you and especially to the heroic victims and their families.

Most, Sincerely,

Michael Steelsmith
 Contracts Manager

SD-49

Boeing Phantom Works

PH: 206 655 4423

FAX: 206 655 4651

michael.p.steelsmith@Boeing.com

X-Sender: r.b.gardner@express.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.0.2
Date: Thu, 27 Feb 2003 11:54:36 -0500
To: k.s.seitz@larc.nasa.gov
From: Brad Gardner <r.b.gardner@larc.nasa.gov>
Subject: Fwd: Columbia tribute

X-Sender: r.a.manning@pop.larc.nasa.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.0.2
Date: Fri, 14 Feb 2003 07:28:46 -0500
To: gb+everyone@larc.nasa.gov, gb+contractor@larc.nasa.gov
From: "Randy A. Manning" <r.a.manning@larc.nasa.gov>
Subject: Fwd: Columbia tribute

Subject: Columbia tribute
To: r.a.manning@larc.nasa.gov, "A. Vernon Vann Jr." <a.v.vann@larc.nasa.gov>
X-Mailer: Lotus Notes Release 5.0.8 June 18, 2001
From: "Bob Drosdzal" <rdrosdza@csc.com>
Date: Mon, 10 Feb 2003 15:01:26 -0500
X-MIMETrack: Serialize by Router on VA-FCH32/SRV/CSC(Release 5.0.11 |July 24,
2002) at
02/10/2003 02:58:35 PM

----- Forwarded by Bob Drosdzal/CIV/CSC on 02/10/03 03:01 PM -----

John Cox
/CIV/CSC To: Michael Schutta/CIV/CSC, Bob
Drosdzal/CIV/CSC, Charles E.
Goorevich/CIV/CSC@CSC, Robert
Rosen/CIV/CSC@CSC, Pam Burgher/CIV/CSC@CSC
02/10/03 11:40 AM cc:
Subject: Columbia tribute

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<http://lb.wnd.com/columbia.html>

To: gb+everyone@larc.nasa.gov
From: Kim Seitz <k.s.seitz@larc.nasa.gov>
Subject: Memorial Service
Cc:
Bcc:
Attached:

In case you didn't see @LaRC, this has just been posted:

A MESSAGE TO THE NASA FAMILY

The Loss of Columbia and Its Courageous Crew

The loss of the courageous crew of STS-107 and of the Space Shuttle Columbia has brought tragedy to the NASA family, to the families of these seven heroes and to our Nation.

Our thoughts and prayers are with the families of seven remarkable individuals -- Rick Husband, William McCool, Mike Anderson, Dave Brown, Kalpana Chawla, Laurel Clark and Ilan Ramon. These explorers performed magnificently and with tremendous spirit on this mission to expand our scientific horizons.

The bond between those who venture into the frontier of space, and those who make spaceflight possible is incredibly strong. Accordingly, our grief is unbearably great. But so is our resolve to do everything we possibly can for the families of the Columbia crew to find out what caused this accident, and to move on to correct what problems we find and make sure this never happens again. We owe them that.

To honor the Columbia crew and the family members who have borne their personal grief with tremendous dignity and courage, President Bush will join us for a memorial service at the Johnson Space Flight Center on Tuesday, February 4, at 12 noon. All badged NASA employees are welcome to attend this event. There will also be a memorial service on Thursday, February 6, at Washington's National Cathedral at 1:00 p.m.

Our nonstop work to recover from this terrible tragedy also honors the astronauts and their

families. That work, which began the minute we realized that Columbia and its crew would not safely return home, will be NASA's chief focus in the days and weeks ahead, along with the continued safe operations of the International Space Station.

The work for the accident investigation is ongoing at many locations, and is being supported by federal, state and local government organizations who are helping us collect all the evidence. Their cooperation is greatly appreciated. To help this work we have appointed a NASA Space Shuttle Mishap Investigation Team and an independent investigation board, which will provide an objective review of the events and activities that led up to Saturday's tragedy. Retired U.S. Navy Admiral Harold W. Gehman, Jr., the former Commander in Chief of the U.S. Atlantic Command, who later led the independent commission that investigated the attack on the U.S.S. Cole, will chair the investigative board. The board has already held its first meeting at Barksdale Air Force Base in Louisiana.

In the horrible hours after the loss of Columbia, I saw countless examples of NASA employees pulling together and doing their jobs with the professionalism that the American public expects from this storied agency. And the President has asked me to pass along his appreciation and admiration for the professionalism being displayed by the entire NASA family.

As all of us strive to leave no stone unturned in the accident investigation and recovery efforts, let us also remember our responsibilities to take care of our fellow NASA family members. Our dedicated Employee Assistance professionals are on hand to help should anyone need emotional support in the days ahead. Please feel comfortable in asking for their services if the need arises.

As we search for solace in this challenging time, I have found comfort in the following verse of the Navy Hymn that was written especially for our astronauts:

Eternal Father, King of birth,

Who didst create the heaven and earth,
And bid the planets and the sun
Their own appointed orbits run;
O hear us when we seek thy grace
For those who soar through outer space.

May God bless the crew of STS-107, their families, and the members of the NASA family.

Sean O'Keefe
NASA Administrator

Kim Seitz
NASA Langley Research Center
Office of Procurement
Mail Stop 134
Hampton, Virginia 23681
Phone: 757-864-3611
Fax: 757-864-8541
E-mail: k.s.seitz@larc.nasa.gov