NASA: 50 Years and Beyond

2008 Smithsonian Folklife Festival
After-Event Report

August 30, 2008

August 30

Office of Communications Planning

TO: Distribution

FROM: Smithsonian Folklife Festival NASA Project Manager

SUBJECT: After-Event Report

Dear NASA Colleagues:

The 2008 Smithsonian Folklife Festival was an incredible opportunity for the men and women of NASA to share their passion and commitment to the agency's mission of innovation, inspiration and discovery. It was my privilege to lead such an outstanding and dedicated group of the NASA family in this once-in-a-lifetime achievement.

To that end, please enjoy reading this After-Event Report. Included are the team members, project management processes, and a representative sampling of the accolades received from both internal participants and external visitors.

Over 1,022,000 visitors attended the Folklife Festival on the National Mall in Washington, and it is extremely gratifying to me that so many NASA employees, contractors and industry partners gave of their time to tell the story of the importance of what we do and the extraordinary impact of our work. All facets of the NASA family were represented at the Festival - all Mission Directorates, all the Centers, and many of our partner organizations. While the entire team contributed to the Festival's success, Ed Goldstein and Dan Woodard deserve our utmost gratitude.

Thank you for helping make this Festival one of our premier 50th Anniversary events.

Kristen Erickson
Project Manager

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Overview

"The origin of the festival came from my philosophy of bringing the museum out of its glass cases and into real life." S. Dillon Ripley, Smithsonian Secretary Emeritus

More than one million people visited the 42nd Annual Smithsonian Folklife Festival featuring the cultures of NASA, Bhutan and Texas. The Festival was held on the National Mall in Washington, D.C. June 25-29 and July 2-6, 2008.

The Festival is produced by the Smithsonian's Center for Folklife and Cultural Heritage, a research and educational unit of the Smithsonian Institution promoting the understanding and continuity of diverse, contemporary grassroots cultures in the United States and around the world. The Festival is organized into programs featuring a nation, region, state or theme. To date the Festival has featured cultures from more than 100 nations, every region of the United States, scores of ethnic communities, more than 100 American Indian groups, and over 70 different occupations.

NASA's presence at the 2008 Smithsonian Folklife Festival was conceived and implemented to showcase the role that the agency's men and women have played in American technology, science and culture, as well as the role that they will continue to play in shaping our future. The NASA program at the Festival included interactive demonstrations of unique skills and knowledge, narrative oral history sessions, hands-on educational activities for children and their families, and exhibits that explored the spirit of inspiration, innovation and discovery that is embodied by the Agency and its personnel. Over 900 employees representing every NASA Center and Mission Directorate and many of the Sgency's contractors were present at the Festival, either staffing exhibit tents or speaking on the narrative stages. The primary focus of the Festival experience was the personal interaction with a cross-section of NASA's civil service, contractor and grantee employees, including astronauts, scientists, engineers, technicians, managers and educators.

On June 24, the day before the Festival opened, the first of several NASA-sponsored collateral events associated with the Festival was conducted: a screening of the Disney movie WALL-E at the Newseum on Pennsylvania Avenue in Washington, D.C. Opening remarks were provided by representatives from NASA, Disney and the Newseum.

NASA's Deputy Administrator Shana Dale and Johnson Space Center Director Michael Coats were featured speakers at the Festival's June 25 Opening Ceremonies on the National Mall, along with Smithsonian officials and the Governor of Texas, Rick Perry and the Prince of Bhutan, Jigyel Ugyen Wangchuk.

Kicking off the Festival: NASA Deputy Administrator, the Honorable Shana Dale shares lunch with the Prince of Bhutan and Christian Samper, the Acting Secretary of the Smithsonian Institution.

NASA was also featured during the Festival's opening ceremonies through a taped message from in-flight Astronaut Greg Chamithoff, representing the crew of the International Space Station:

> *Hi, I'm Greg Chamitoff, Flight Engineer and NASA science officer of the Expedition 17 mission aboard the International Space Station.*
>
> *Greetings to those celebrating the Smithsonian Folklife Festival on the National Mall! In our 50th year, NASA is proud to participate in this wonderful event highlighting the people, places and cultures of the world we astronauts pass over.*
>
> *I hope Festival visitors will learn more about NASA's bold missions; the Agency's positive impact on global society; and about the talented men and women who make research outposts in space possible. I also hope they learn more about the state of Texas and nation of Bhutan, which from space are truly beautiful places.*
>
> *Have a great celebration, and be sure to watch our space station activities throughout the Festival live on the NASA Folklife Jumbotron.*

The evening of June 25, a special concert of Gustav Holst's *The Planets* by the Space Philharmonic (a part of the National Symphony Orchestra) led by Maestro Emil De Cou was held in the National Museum of the American Indian, with narration provided by former Astronaut Dr. Mae Jemison. The concert included imagery from NASA and featured the playing of the new Wall-E theme song. These special events set the stage for a great week of sharing NASA's culture, mission and inspiration with tens of thousands of visitors on the Mall.

The Festival exhibits and narrative stages were opened at noon on June 25, immediately following the opening ceremonies. NASA's site on the National Mall consisted of two large football sized areas: one in a treed plot bounded by Jefferson Drive SW on the south and 14th Street on the west and an adjacent open plot in the middle of the Mall, south of the National Museum of American History. The Washington Monument, one block west of the NASA site, provided a steady flow of visitor traffic, as did the Smithsonian metro stop to the east.

2008 Smithsonian Folklife Festival site plan: NASA, Bhutan and Texas.

NASA's open plot area consisted of the following exhibit elements: the Exploration Narrative Stage, a two-sided Jumbotron featuring live downlink from the International Space Station on one side and animation of NASA's future Constellation Program on the second side, tents representing future missions, aeronautics, the ISS, human spaceflight and propulsion, inflatable representations of the Lunar Habitat, an X-34 aircraft, the Crew Exploration Vehicle (CEV), and the Space Shuttle Main Engine (SSME), and full or partial scale mockups of the Ares I interstage, the Ares I rocket, and the Space Shuttle.

The treed plot included the Galaxy Narrative Stage and tents devoted to earth sciences, space sciences, robotics, NASA derived technologies, and space food and nutrition. This plot also housed tents for collecting oral histories, space art demonstrations and educational activities (kids space).

While the tents in each of the plots were populated with unique NASA ground and flight hardware and props representative of the tents' themes, the NASA employees who staffed the tents were the key to the Festival's success. Many NASA participants expressed appreciation for being included in the event. MSFC astrophysicist and Chandra project scientist Dr. Martin Weisskopf said, *"I was there Saturday and Sunday. Exhausting but exhilarating. A great experience, but now I am hoarse. I would do it again in a heartbeat."*

Crowds quickly gathered around NASA employees and their models and hardware.

JPL's Todd Barber, lead propulsion engineer for Cassini and space sciences Folklife participant, commented on the Cassini-Huygens webpage:

> *… My time on the Mall passed far too quickly staffing the small but exquisitely detailed 1/10th scale model of the Cassini/Huygens spacecraft. Cassini personnel shared one of the space science booths with the Mars Exploration Rovers, the MESSENGER mission to Mercury, and an aerogel exhibit. Talk about competition! However, in my typical fashion of acting more like a circus barker than an engineer, I drew in as many visitors as possible to hear tales of our robotic emissary, exploring the Saturnian system for four years and counting. It was so gratifying to see the level of interest and to tackle excellent questions from passersby, especially students. However, I think the best part of the week was showing visitors, a few at a time, our glorious image of Saturn in backlight during a long eclipse. This sublime image, which graced the cover of National Geographic's December 2006 issue, stole visitors' hearts with its beauty and serenity. I then directed their gaze to a miniscule blip of white light amongst Saturn's rings, a tiny dot and our cradle of life, Earth. There is no way to put a price on seeing the reaction of a person looking back upon themselves, so fragile and so very far away."*

Cassini image of Saturn that, when combined with the passion of NASA storytellers. resonated with Festival visitors. (NASA JPL image PIA08329). Chandra SAO employee

Eli Bressert struck a similar chord in a posting to the Chandra X-ray Center's blog (http://chandra.harvard.edu/blog/node/76V):

> *<u>Stories from the Folklife Festival: the Bhutanese Prince, NASA People</u>*
> *I'm sure that the demurring reader would ask, "NASA has a culture?" Yes, it does! In the NASA community there are jargons, jokes, customs, and a common element that binds all of the NASA members: space. Since the nascent stages of NASA in the early 1960's, exploration and science have been everyday events. You see this on the news, at the launch sites, in books, and presentations. But, who are the people behind these discoveries and missions? They are people like any other. Not the cold, calculating scientists often seen in movies. There are times when the pocket pens are present, but in many cases one would not notice if they are sitting next to someone who works on a NASA mission.*
>
> *The Smithsonian Folklife Festival puts forth the cultures it harbors at the event and the people from NASA were given a new challenge for the Festival. Show the public who they are, what they do, and share their aspirations. Throughout last week I saw this happening all the time; the people from the Chandra X-ray Observatory had a great time talking with the public, telling a little bit about the telescope and what it observes. At other times people asked about our backgrounds and what made us pursue our career paths. We also had a gallery of images showing galactic and extra-galactic objects. The Chandra members frequently used these images to give the visitors a tour of the universe through Chandra's eyes.*

> *Even with the +90 degree weather and marauding insects, the Chandra team always had smiles to share at the end of the day. Being able to connect with both children and adults confirmed and inspired the careers we have chosen. Seeing many bright-eyed children so interested in the field makes us look forward to what they will do and achieve beyond where we are now.*

Representative of the comments the Smithsonian received from visitors is the following email from a Massachusetts visitor.

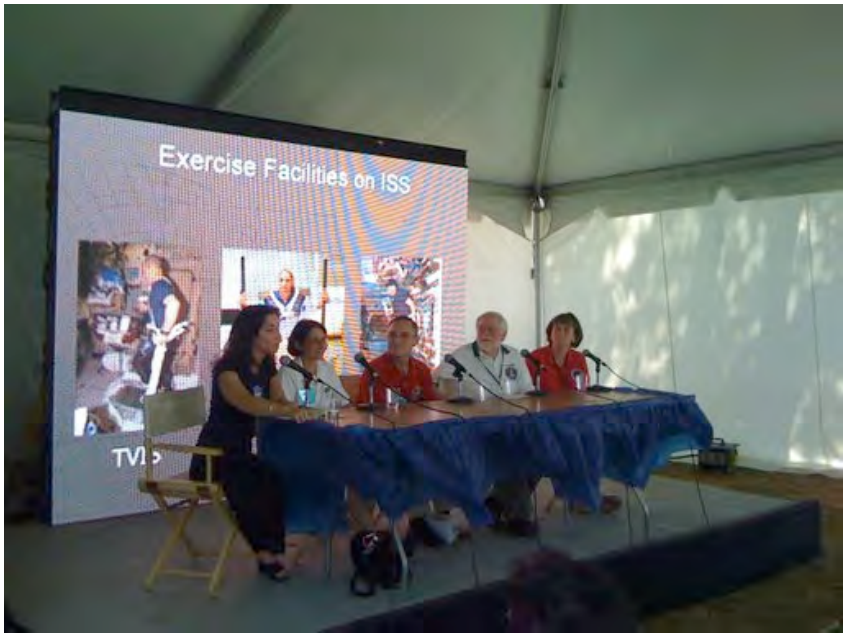
> *Dear Sir or Madame -*
>
> *I hope this will eventually reach the appropriate individuals. My family and I just wanted to say thank you for the wonderful Folklife Festival. We spent two full days on the Mall with our children, ages 5 and 7, and no one wanted to leave. It was all we could do to tear my son away from all of the Bhutan exhibits. My daughter was equally enthralled with NASA. We did manage to catch some Texan music, as well! This was our first time at the Festival, and we all came away extremely impressed with everything and everyone we encountered. From the NASA engineers patiently explaining the wind tunnel to a five year old, to the Bhutanese monks explaining their thoughts on Buddhism and vegetarianism to a seven year old, our two days were filled with wonder. The children are already campaigning to make this a "family tradition", so we hope to see you next year. Thanks to all who worked so hard to make this happen. We loved it!*
>
> *Sincerely,*
> *Sarah and Scott Clark, Swampscott, MA*

The Exploration narrative stage (seating 400) and the Galaxy narrative stage (seating 80) were the locations of NASA's panel sessions. Eight panel sessions were held each day on each of the stages – totaling 160 panels. The panels were generally comprised of three to four panel members and either a NASA or Smithsonian moderator. After 30 minutes of moderator-led questions, a Q&A session was opened to the audience.

In a live radio broadcast from the Festival site, Voice of America reported about NASA's narrative stages:

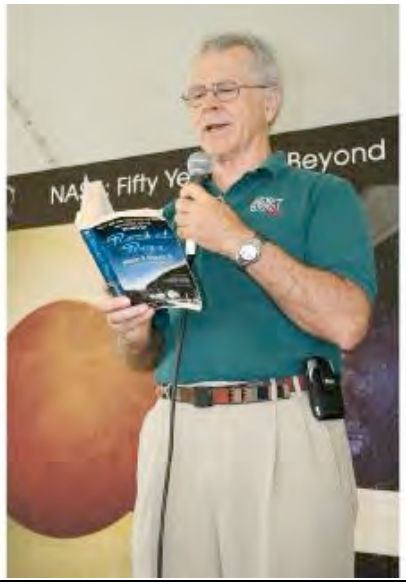
> *In one discussion at the main tent called Exploration Stage, experts talk about the reasons we explore space. Steven Dick, the Chief Historian for NASA, was joined by Chief NASA Scientist James Garvin and curator of the National Air and Space Museum Roger Launius. They discuss how space science has taught us about events in the distant past like the formation of the moon's surface. They offer reasons why it is important to return to the moon. And they make some predictions about the next fifty years.*

NASA Goddard Space Flight Center Chief Scientist, Dr. Jim Garvin, former NASA Historian, Dr. Roger Launius, and current head of the NASA History Office, Dr. Steve Dick discuss NASA's rich history and exciting future of human and robotic exploration.



Galaxy Stage presentation on Life on the International Space Station. The LED screen in the background was one of many Festival exhibit elements sponsored by NASA's industry partners.

Former Marshall Space Flight Center engineer and author of *Rocket Boys*, Homer Hickam, was featured on the Exploration narrative stage on June 29. Homer also signed books at both the Festival marketplace and the National Air and Space Museum.



Homer Hickam reads from "Rocket Boys" on the Exploration stage.

NASA employee telling her story in the Aeronautics tent.

The activities featured in the Kids Space tent and throughout the NASA site were a draw for families. Many commented that the NASA tents had more hands-on activities for children and families than any culture ever featured at the Folklife Festival. A Mission Guide was created for the Festival that contained six children's activities. Each completed activity was rewarded with a NASA mission sticker. If four of the six activities were completed, the child returned to the Kids Space tent and received a NASA insignia pin.

The email below was posted to the Baileys Crossroads Elementary School (Falls Church, VA) news blog, encouraging parents and teachers to visit the Festival.

> *I wanted to put in a plug for the Smithsonian Folklife Festival - we just returned from.it and it was incredible. It features three very different "cultures" - those of Bhutan, Texas, and NASA. We spent four hours there today and got most of the way through the NASA stuff, and are heading back for the rest at a later date. It's here this week through Sunday (11-5:30) and again next week Wed - Sun same times. While it may seem like an odd combination and NASA not so cultural, it was an incredible experience for our two rising kindergarten kids and the rising third grader. The adults that were there working – test pilots, educators, engineers, scientists, etc., spoke directly to the kids or adults in terms that everyone can understand. It was impressive the amount of info and stuff (pieces of shuttles, things that went up in the Space Station, robots the kids can drive, meteorites, etc.) that they had there. They also had a booklet for kids to fill in and get stickers and a NASA pin, so they plugged right into many exhibits and enjoyed them - and that was just the NASA part! The Bhutanese stuff also looked incredible, but we didn't even get near there. And Texas, well, I keep that close to my heart, as I was born and raised there. I'm sure the BBQ is simply fantastic and that I'll get some when we go again.*
>
> *So, if your kiddo is at all interested in NASA (or you prefer activities that are interesting to you as well) head to the Mall for the Festival. It is well worth the short Metro ride! - Suzie Phipps*

Photos posted by Folklife visitors to the Smithsonian's Flickr website highlight the success of NASA's interactive exhibits and Kids' Space activities.

Event Management

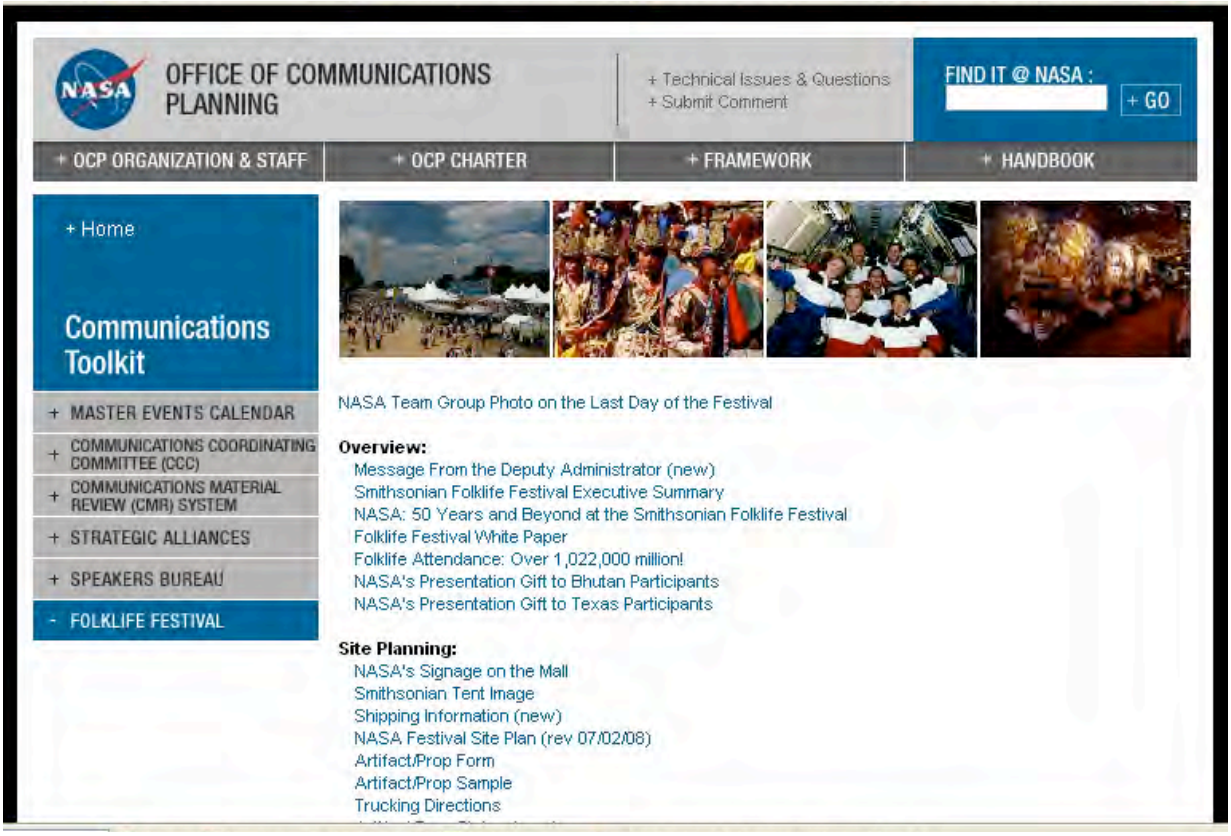
The NASA Headquarters Office of Communications Planning (OCP) managed the NASA presence at the 2008 Smithsonian Folklife Festival. To initiate the project, a Space Act Agreement with the Smithsonian Institution was signed on August 23, 2007 by NASA's then Chief of Strategic Communications, Robert Hopkins (Appendix A).

A planning team (Appendix B) comprised of representatives from each of the NASA Mission Directorates, functional offices and Centers was established. Biweekly planning teleconferences were initiated with the NASA event POCs and the Smithsonian curatorial staff, after a March 31, 2008 face-to-face kickoff meeting that was held at NASA Headquarters. One month prior to the event start date the teleconferences were held each week.

In addition to the regularly scheduled teleconferences, an internal NASA website was established to serve as a clearinghouse for project information. The site was positioned as a link off the NASA Communication's Toolkit at:

http://communications.nasa.gov/OCP/Communications%20Tool%20Kit/Presentation%20Templates/Web%20Site/Folklife%20Festival.html

The website (below) was the primary tool for communicating project updates, documents and guidance and was critical to the success of the event.



The internal project management website contained links to the following information, and was updated frequently.

Overview:
Message From the Deputy Administrator (new)
Smithsonian Folklife Festival Executive Summary
NASA: 50 Years and Beyond at the Smithsonian Folklife Festival
Folklife Festival White Paper
Folklife Attendance: Over 1,022,000 million!
NASA's Presentation Gift to Bhutan Participants
NASA's Presentation Gift to Texas Participants

Site Planning:
NASA's Signage on the Mall
Smithsonian Tent Image
Shipping Information (new)
NASA Festival Site Plan (rev 07/02/08)
Artifact/Prop Form
Artifact/Prop Sample
Trucking Directions
Artifact/Prop Status (new)
Waterfall Schedule
National Mall Onsite FedEx Shipping Address

Program/Logistics:
Top Level Festival Schedule (rev 06/12/08)
Festival Points of Contact (rev 05/23/08)
Program by Theme and Tent with Family Activities (updated 06/15/08)
Opening Night Concert (New)

Narrative Stages:
Schedule by Stage, with Panelists (rev 07/02/08)
Schedule by Stage, Top Level (rev 06/25/08)
Who-What-Where-When-Why Guidance Paper

Participant/Staffer Information:
Festival Emergency Procedures
Shuttle Bus Schedule for GSFC and HQ (06/25/08)
Tent Coordinators (rev 06/26/08)
Smithsonian/NASA Staff Cell Phone (new)
Emergency Preparedness
Important Meetings (rev 06/20/08)
Public Affairs Guidance for the Festival (06/03/08)
Smithsonian Folklife Festival RTQ's (rev 06/25/08)
Festival Travel Logistics
Smithsonian Funded Participant Info (05/06/08)
Non-Smithsonian Funded Participant Info (Staying at the Key Bridge Marriott) (05/06/08)
Non-Smithsonian Funded Participant Info (Not Staying at the Key Bridge Marriott) (05/06/08)
Smithsonian Talking Points (rev 04/28/08)
NASA Policy on the Release of Information to the News and Information Media
June 24 Orientation Agenda

Background on Bhutan:
Background on Bhutan
Politics in Bhutan: Change in Continuity
Cultural Aspects of Bhutan
Bhutan Protocols and Culture

A project schedule (below) was developed to monitor major event milestones.

2008 NASA Folklife Festival Project Schedule.

Smithsonian Folklife Festival NASA: 50 Years and Beyond

(Last Updated: 24 April 2008 Blue = Change)

Milestone	NASA Lead	SI Lead	Start Date	End Date	Mar	Apr	May	Jun	Jul
Integration Kickoff Mtg - HQ Onsite & Telecon	Erickson	Deutsch/Butter		3/31/08					
Project Schedule Developed & Distributed	Woodard	Deutsch/Butter	4/1/08	4/7/08					
Revised Theme Planning Charts (Content, Participants, Fo	Theme MD Leads	Deutsch/Butter	4/1/08	4/8/08					
Exhibit Downselect - NASA Recommendations	Hull	Deutsch/Butter		4/10/08					
Exhibit Tent Assignments - NASA Recommendations	Hull	Deutsch/Butter		4/10/08					
Narrative Stage Venue Names	Erickson/Goldstein	Deutsch/Butter	4/7/08	4/11/08					
Exhibit Tent Final Number Order	Hull	Deutsch/Butter		4/14/08					
Speaker Names for Opening Ceremonies	Erickson	Deutsch/Butter	4/14/08	4/18/08					
Narrative Stage Participant List Downselect	Goldstein	Deutsch/Butter	4/1/08	4/15/08					
Family Activities Finalized	Woodard	Stryker	4/1/08	4/15/08					
Tent Participant Bios	Center Leads	Deutsch/Butter	4/10/08	4/17/08					
Family Activity Book to SI Editing	Woodard	Stryker		4/18/08					
Key Bridge Marriott Room Reservation List (SI Funded)	Woodard	Deutsch/Butter	4/1/08	4/11/08					
Key Bridge Marriott Room Reservation List (NASA Funded)	Woodard	Deutsch/Butter	4/1/08	4/18/08					
Bios for Participants for the SI Folklife Program book	Woodard	Deutsch/Butter		4/18/08					
Tent Exhibit Signage Design Requirements	Powers	Deutsch/Butter		4/23/08					
Youth Day Plan Final & Youth Organizations ID/Invited	Woodard	Deutsch/Butter		4/23/08					
Construction Requirements for SI (Platforms, Lunar Scape	Hull/Cannon	Deutsch/Butter		5/1/08					
NASA bio review	Woodard	Deutsch/Butter		5/2/08					
Special Events Final Plan	Ulrich/Trotta	Deutsch/Butter		5/9/08					
Narative Stage Participant List Final & Times Assigned	Goldstein	Deutsch/Butter		5/15/08					
Staffer Event Book - First Draft	Normandy	Deutsch/Butter		5/15/08					
Final Sponsorship Recognition	Rivera	Blackerby		5/15/08					
Tent Exhibit Signage pdfs to SI/Natl Park Service	Powers	Deutsch/Butter		5/16/08					
Supply list for SI Purchase (Family Activities, Lunar Scape	Woodard	Deutsch/Butter		5/23/08					
SI/NASA Narratve Stage Co News Release	Goldstein	Haberacker	4/15/08	6/9/08					
Staffer Event Book Final Distributed	Normandy	Deutsch/Butter		6/15/08					
Graphics for Fence - Delivered from Printer	Powers	Deutsch/Butter		6/18/08					
Signs for Inside Tent Exhibits - Delivered from Printer	Powers	Deutsch/Butter		6/18/08					
Exhibit Shipping	Hull/Cannon	Deutsch/Butter	6/xx//08	6/yy/08					
Exhibit Onsite Delivery & Setup	Hull/Cannon	Deutsch/Butter	TBD	TBD					
NASM Space Exhibit: Journey Into Space	Wang/Green	Deutsch/Butter	TBD	TBD					
NASA Edge (Pre-Opening Coverage & Event)	Wang/Giersch	Deutsch/Butter	TBD	TBD					
Folklife Festival Week One			6/25/08	6/29/08					
NASA 50th Poster Debut Opening Event	Ulrich/Trotta	Deutsch/Butter		6/25/08					
NASA 50th Symphony Event (Baird Auditorium, AMNH)	Ulrich/Trotta	Deutsch/Butter		6/25/08					
Space Art NASM Gallery Premiere	Ulrich/Trotta	Deutsch/Butter	TBD	TBD					
Space Film Festival - Baird Auditorium Natural Hx Museum	Ulrich/Trotta	Deutsch/Butter	6/27/08	6/29/08					
Youth Day	Woodard	Deutsch/Butter	6/26/08	6/26/08					
Folklife Festival Week Two			7/2/08	7/6/08					
Closing Event	Erickson	Deutsch/Butter		7/6/08					
Exhibit Teardown & Ship Out	Hull/Cannon	Deutsch/Butter		7/8/08					
Event Evaluation	Woodard/Erickson	Deutsch/Butter	7/8/08	7/29/08					

A letter from the Deputy Administrator (Appendix C) to all NASA civil service employees was distributed via the Agency email system describing the event and encouraging attendance. The letter stated that employees could attend the event during work hours without taking leave, provided they had their supervisor's approval.

The Smithsonian's media campaign advertising the Festival among traditional and travel media outlets was augmented by NASA's efforts communicating with the aerospace media. Media coverage was significant and is discussed more fully in the Media section of this report. A representative sampling of media clippings can be found in Appendix D.

Within NASA, internal Headquarters communication included ceiling to floor banners hung in the West Lobby and "Today at the Festival" Narrative Stage schedules placed throughout the building. NASA Centers distributed electronic notices regarding the Festival and attached the Deputy Administrator's previously mentioned letter. Buses to the Festival site ran from both the Goddard Space Flight Center and NASA Headquarters.

Safety was a primary consideration in both the planning for the Festival and operations during the Festival. Coordinating meetings were held with the Smithsonian and the National Park Police regarding safe haven sites during storms for NASA participants and visitors to the NASA site. The daily meetings with the NASA tent coordinators began and ended with safety items, including reminders of the evacuation process and the location of the safe havens.

Safety card issued to all NASA participants and speakers. The back of the card (above right) featured a map of the Festival site and locations of the closest safe havens to the NASA area.

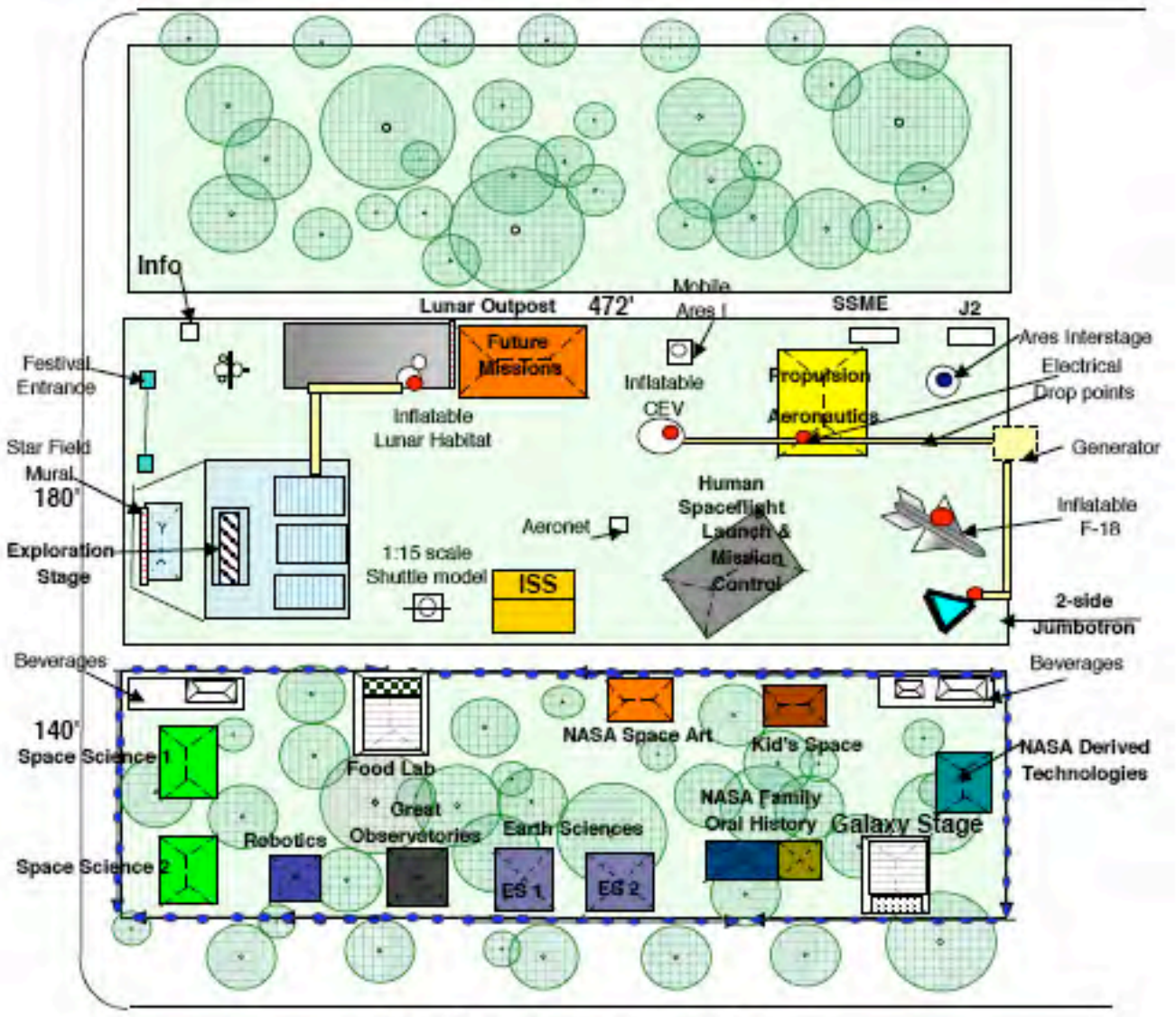
The NASA Headquarters Safety Office and Occupational Health Office were consulted to ensure appropriate safety procedures were in place. NASA participants certified in CPR were identified prior to the event, and their names provided to the tent coordinators.

Top Level Schedule

June 24	6:30 - 9:00 PM: Texas Governor's Office Reception (Ronald Reagan Building)
June 24	6:00 - 8:30 PM: WALL-E Screening (Newseum) Invitation only
June 25	10:30 AM - 12 noon: Opening Ceremony (Texas Dance Stage at 12th Street, Festival Site, Nat'l Mall) 11:00 AM: All Speakers Enter for On-stage Seating 11:20 AM: Pre-recorded Message from the International Space Station 11:21 AM: Diana Parker, Festival Director introduces Michael Coats 11:22 AM: Michael Coats speaks (3 min) 11:25 AM: Shana Dale speaks (3 min) 12:00 noon: VIPs tour Festival on the Mall with Smithsonian Officials 12:45 PM: VIPs - Drinks in Schermer Lounge (Smithsonian Castle) 1:15 PM - 2:15 PM: Festival Partners Luncheon (Castle Commons)
June 25	12:00 noon - 5:30 PM: Festival Tents Open 12:00 noon - 5:30 PM: Narrative Stages (seven 45 minute panels on each stage) • Exploration Stage Panel Discussions • Galaxy Stage Panel Discussions
June 25	6:00 PM - 7:00 PM: The Space Philharmonic, comprised of members of the National Symphony Orchestra, under the direction of Emil de Cou perform "The Planets" (imagery provided by NASA) National Museum of the American Indian
June 26	2:15 PM - 3:15 PM - NASA Science Live Update (Galaxy Stage)
June 26	Family Day
June 26-29	11:00 AM - 5:30 PM - Festival Tents Open 11:00 AM - 5:30 PM - Narrative Stages (eight 45 minute panels on each stage) • Exploration Stage Panel Discussions • Galaxy Stage Panel Discussions
June 27-29	6:00 PM - 8:00 PM (one film per night) Film Festival (Baird Auditorium, National Museum of Natural History) (1) "Apollo 13" (2) "2001: A Space Odyssey" (3) "In the Shadow of the Moon"
June 30-July1	Festival Closed
July 2-July 6	11:00 AM - 5:30 PM - Festival Tents Open 11:00 AM - 5:30PM - Narrative Stages (eight 45 minute panels on each stage) • Exploration Stage Panel Discussions • Galaxy Stage Panel Discussions

NASA Site Plan

The NASA Festival exhibits and narrative stages occupied approximately two football fields of area on the National Mall. During the Festival program formulation period, the NASA exhibits manager worked closely with the Smithsonian curators and the facility/operations manager to update changes to the site plan.

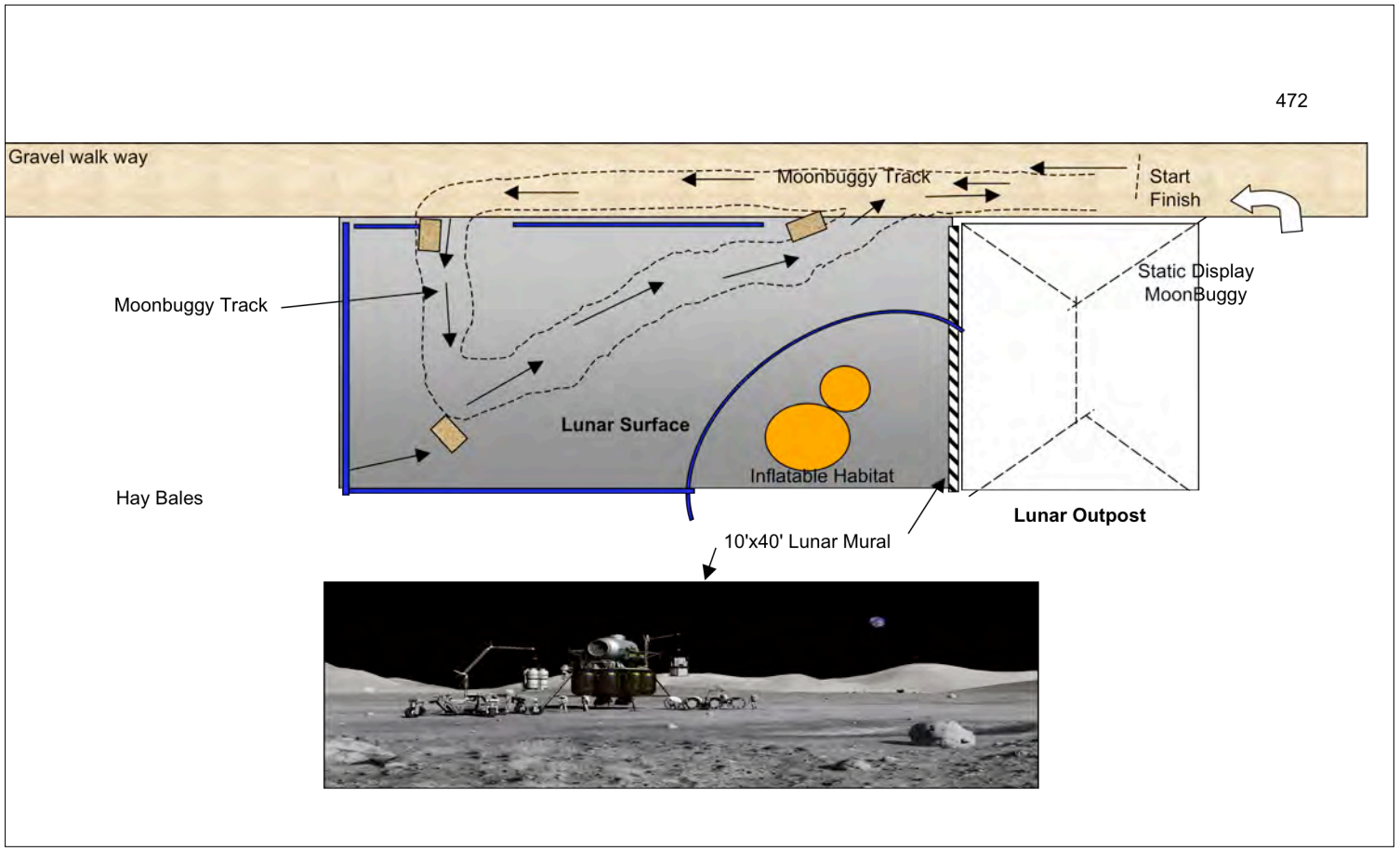


NASA Folklife Festival Plan

Scale: Each grid= 10'x10'

Rev: 6/18/08

In addition to the overall site plan, significant planning was required for the lunar outpost area positioned adjacent to the Future Missions tent. Considerable coordination was required between NASA, the Smithsonian and the National Park Service to ensure that the design met programmatic requirements without damaging the National Mall landscape. The lunar outpost design that was ultimately chosen was comprised of horizontal and vertical mesh fabric, crushed rock for the moonbuggy course and pipe and drape to demark and protect the area. The outpost was a popular spot for visitors to take personal photographs, as well as serving the purpose of a moonbuggy racecourse and a visual backdrop for NASA's future Moon mission.



Final lunar outpost concept for moonbuggy course and lunar habitat inflatable (top) and vertical graphic placed on Future Missions tent side (bottom).

Exhibits

The NASA Headquarters Office of Communications Planning exhibit manager coordinated the exhibits and artifacts that were displayed at the Festival. Exhibit elements were identified by Mission Directorate and Center POCs and reviewed by the Smithsonian curatorial staff. NASA and the Smithsonian negotiated which exhibit elements would be included in the final Festival site plan. A form (below) was developed to document each of the exhibits that were recommended by the Mission Directorates and the Centers.

Smithsonian Folklife Festival
NASA Artifact / Prop Specification Sheet

Artifact / Prop Title: J2 Engine
Artifact /Prop Ownership (NASA, Contractor): NASA SSC
Artifact / Prop POC: Bryon T Maynard (228)688-26190 (desk); (985)788-3360 (cell)
Loan Agreement Required: No
Responsible Center / Program: Stennis Space Center / External Affairs Office
Folklife Location (e.g., tent name): NASA Space Propulsion
Footprint Requirements: 13'L x 7.5'W x 9.2'H
Artifact / Prop Photo (insert image below):

Item Description:
The J2 Engine Display is suited for indoor and outdoor display. The exhibit will be best used at technical shows, space conferences, congressional events, museums, and other community events.

General Specifications:
Artifact / Prop Dimensions: 13'L x 7.5'W x 9.2'H
Weight (uncrated): 7000 lbs
Weight (crated): 7000 lbs
Table Requirement: No
Cover Requirement: No
Suspension Requirement: No
Outdoor Use: Yes
Electrical Requirement: None
Identification Label / Signage Requirement: No
Associated Graphics / Poster(s) / etc.: No
Does item require securing in lockbox or trailer overnight? No

Assembly Specifications:
This shipment only requires either a flat bed trailer or standard enclosed trailer. Flat bed makes for easier removal and Installation.

Special Notes:
Removal and Installation onto transport requires either a crane or capable forklift. If using a crane the party providing the crane will need to provide the lift straps. The exhibit is on wheels therefore able to move around easily with truck or forklift.

In addition to the detailed exhibit specification sheets, the exhibits designated for each tent in the NASA site were logged into a master site plan spreadsheet that included top-level descriptions and POC and staffer assignments. A portion of this spreadsheet is below.

***NASA: Fifty Years and Beyond* at the 2008 Smithsonian Folklife Festival**			Names in red are Smithsonian-funded
Tents and Areas in the Center Plot	**Point of Contact**	**Participants: WEEK ONE**	**Participants: WEEK TWO**
HUMAN SPACEFLIGHT			
Human Spaceflight 30 x 30			
Microgravity drop demo (Mini drop tower housed in a medium case - staff will set-up)	David DeFelice, GRC	Nancy Hall	Dick DeLombard
Exercise and health	Louis Parker, JSC	Judith Hayes, JSC; Ruthan Lewis, GSFC	Debbie Trainor
Space suits	Louis Parker, JSC	Heather Paul, Ron Woods, KSC	Sabrina Singh, Ron Woods, KSC
Waste management (Russian toilet - mock-up)	Louis Parker, JSC	Karen Pickering	James L. Broyan
Infrared camera (Orbiter inspection)	Elaine Gause, LaRC	Glenn Farnsworth, Mike Gazarik	Dave Haakenson, Frank Novak
Space environmental effects	Dan Woodard, MSFC	TBD	Dave Edwards
Phone home (communication from ISS to Earth)	Barbara Adde, HQ (TDRS) Louis Parker, JSC	Chad Rowe, HQ	Chad Rowe, HQ
Space Shuttle -- 30 x 30			
Shuttle tile inspection and scanning	Laura Lewis, ARC	Joe Lavelle	Joe Lavelle
Space Shuttle processing	Claudette Beggs, KSC	Dennis Chamberland	Dave Rainer
Space Shuttle docking (6 x 6 metal docking unit) -5 feet tall on wheels (round docking unit)	Louis Parker, JSC	Janna Dake	Stu McClung
Shuttle (mobile) 1:15 - outside tent	Dan Woodard, MSFC		
Shuttle tires (TBD) -Flown tire on stand -painted white for visitor messages /signatures	Carla Rosenberg, HQ	Beth Beck	Carla Rosenberg
ELVIS (Enhanced Launch Vehicle Imaging System)	Louis Parker, JSC	Christine Boykin	Bob Page
AstroCamp educational activities	Cheri Miller, SSC	Chris Smith (lead), Tammy Estapa, Wes Oliver, Amanda Davis, Corderis Brown	Maria Lott (lead), Alexis Harry, Kelly Bolar, Megan Frierson, Britton Fortenberry, Brianna Fortenberry

The Exhibit Manager and the Exhibit Coordinator also coordinated the shipping and receiving of the exhibits and artifacts. Large exhibit items were shipped directly to the Smithsonian's receiving lot on the National Mall, however most of the exhibit items were shipped to Capital Exhibits, the OCP exhibits contractor, in Manassas, VA. From Capital Exhibits, the exhibits were staged for delivery and set up, based on a schedule developed by the NASA exhibit coordinator. Similarly, after the event, exhibits were dismantled and taken to Capital Exhibits for return shipment back to NASA Centers and Mission Directorates.

Capital Exhibits crew setting up the lunar landscape prior to the opening of the Festival.

Pre-opening tent and exhibit construction. The inflatable CEV and F-18 undergo inflation/deflation timed dry runs in the event of weather emergency.

Media and External Web Activity

As the largest annual cultural event in the U.S. Capital, the Folklife Festival receives considerable publicity, typically reaching 40 million readers and viewers through print and electronic media. In the past, the Festival was named the Top Event in the U.S. by the American Bus Association as a result of a survey of regional tourist bureaus - previous winners have included the Olympics and the World Expo.

Both NASA and the Smithsonian Institution issued media advisories (Appendix D). Additionally, NASA developed RTQs and talking points for the event. NASA also posted to its internal Folklife planning website and reviewed in planning telecons with NASA participants the media guidance paper "NASA Principles and Policies on Scientific Questions", reinforcing the Agency's "commitment to open scientific and dialogue with the public".

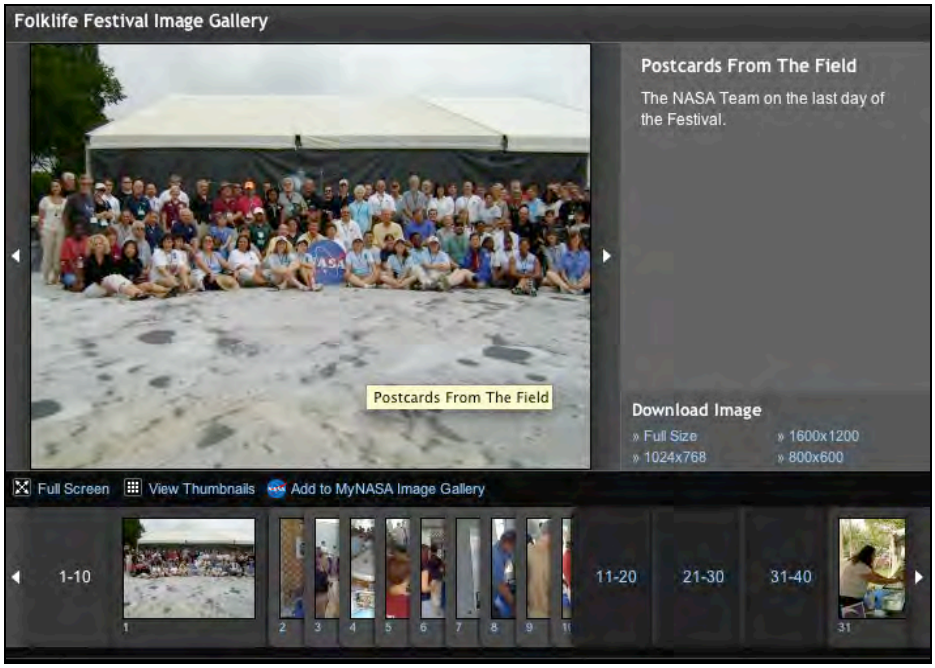
The general and space industry media response to the Festival was positive. It was recognized by the space industry media that often NASA is accused of "preaching to the choir", and NASA's presence at the Folklife Festival was a clear departure from this criticism. The response from the blogs appeared to be very supportive (See Appendix D - Media). WUSA, the local Washington, D.C. area CBS station, broadcast two stories: one that included NASA's participation in the Festival in an overview segment, and a second piece that was devoted exclusively to NASA. Additional local television coverage included a Fox News story featuring the NASA Education Office's student moonbuggy competition.

The NASA Office of Communications Planning's Folklife webpage was a featured element of the Agency's 50th anniversary webpage. Major elements of the webpage included a narrative essay on the nature of the Folklife Festival, bios of the NASA participants and narrative stage speakers, a photo gallery updated daily with images and videos from the Festival site and links to other NASA and Smithsonian websites.

Top-level NASA Folklife Festival webpage - www.nasa.gov/50th/Folklife.

The NASA Folklife interactive map of the Festival site with scroll-over details of each of the NASA tents and narrative stages and the "Today at the Festival" photo gallery were two of the more popular webpage elements.

Interactive Folklife webpage site plan.



Folklife image gallery webpage.

Evaluation Results

The Smithsonian Institution conducts a Folklife Festival visitor survey each year. The 2008 survey contains responses to 31 questions from 636 respondents and was conducted by Smithsonian volunteers. The complete survey results are in Appendix G.

Forty-nine percent of Festival visitors were 29 years old or younger – an age demographic that NASA has targeted for outreach. Of 17 cultures featured at this and all prior year Festivals, NASA was selected as third "favorite program of all time", behind the Silk Road (number 1) and Bhutan (number 2). Asked if, "As a result of attending the Festival you might want to visit a NASA facility," 53% responded yes.

The Smithsonian entered into a agreement with Howard University to conduct an evaluation of the NASA Folklife Festival exhibits and activities. The results of that evaluation will be available in October 2008. A future addendum to this report will be prepared to include those results.

Lessons Learned

During the Festival, daily team meetings were held in the largest narrative stage tent to review announcements and provide participants and staff the opportunity to discuss issues and concerns. These morning daily tag-ups provided the opportunity for the operations manager to share items from the Smithsonian Folklife Director's daily 9 a.m. meeting and communicate Festival logistics. In addition, after the first week of the Festival, a lessons learned meeting was held with the Festival participants and POCs at NASA Headquarters. The most significant items to come out of the lessons learned meeting were:

1. Document in writing on-site trailer check-in process to train week 2 staffers.
2. Document in writing the tent coordinator responsibilities.
3. Increase number of crowd/action photos.
4. Increase video documentation of NASA tent participants.
5. Distribute narrative stage speaker list/line-up each day to NASA tents and to the Smithsonian Folklife information booths.
6. Develop a post evacuation return-to-site notification process.
7. Communicate location of the Smithsonian first aid/lost and found tent.
8. Encourage NASA participants/stage speakers to visit Kids Space tent.
9. Ensure water and cups are replenished at each tent.
10. Provide additional sandbags to stabilize graphics dividers in tents.
11. Encourage Bhutanese and Texas participants to visit the NASA area.

Prior to the opening of the Festival, on three separate occasions, storms and high winds damaged tents at the Festival site. After the second storm, the NASA Folklife project manager procured the services of a structural engineer to inspect the NASA tents for proper installation and design. This service was offered to the Smithsonian for the entire Folklife site. Installation of larger, more substantial types of tents (clear-span vs. pole) in the NASA open plot, where winds are highest during inclement weather, was recommended and implemented. The structural engineer also provided written site inspection reports to Smithsonian and NASA management. In addition, NASA's Office of Safety and Mission Assurance and the Office of the Chief Health and Medical Officer provided safety and medical emergency advice and guidance both prior to opening and throughout the Festival.

Damaged tent and trailer prior to opening of the Festival.

Conclusions and Recommendations

Outreach events such as the Smithsonian Folklife Festival provide NASA the opportunity to reach non-traditional, non-aerospace audiences and to fulfill the National Space Act charter to " … provide for the widest practicable and appropriate dissemination of information concerning its activities". Selection of non-traditional outreach events should be made through a process that ensures integration across NASA's Mission Directorates and Centers, leveraging the Agency's resources.

The combination of staffing outreach activities with both communications professionals and subject matter experts (engineers, scientists, technicians) has long been a hallmark of NASA's outreach programs and should be continued. NASA's technical workforce provides the necessary "real-work" experiences required for effective public outreach.

The geographic distribution and breadth of NASA's work across its field centers is a message that should be considered for all future public outreach events. The map that was prominently featured in several locations at the Folklife Festival could be incorporated in many other take-out and space outreach venues.

Map of NASA Centers and their primary assignments was featured as freestanding signage in several locations throughout the Folklife site.

The participatory and hands-on nature of NASA's exhibits and staffing philosophy was identified through surveys and anecdotal information as a major contributor to Festival success and return visitors.

Appendix A – Space Act Agreement

NONREIMBURSABLE SPACE ACT AGREEMENT
BETWEEN THE
SMITHSONIAN INSTITUTION
AND THE
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
FOR THE
2008 SMITHSONIAN FOLKLIFE FESTIVAL

ARTICLE 1 . AUTHORITY AND PARTIES

In accordance with The National Aeronautics and Space Act of 1958, as amended (42 U.S.C. 2473 (c)), this Agreement is entered into by The National Aeronautics and Space Administration located at 300 E Street SW, Washington, DC 20546 (hereinafter referred to as "NASA") and the Smithsonian Institution, Washington, DC (hereinafter referred to as "the Smithsonian" or "PARTNER") . NASA and Partner may be individually referred to as a "Party" and collectively referred to as the "Parties ."

ARTICLE 2. PURPOSE AND NASA'S COMMITMENT

This partnership would create an opportunity at the 2008 Smithsonian Folklife Festival (hereinafter known as the "Festival") for NASA's 50th Anniversary program (hereinafter known as "Anniversary"). This program would inform the public about the role that the men and women of NASA have played, and will continue to play, in broadening the horizons of American science and culture.

The Anniversary would include live presentations, hand-on educational activities, demonstrations and exhibits. It is intended that visitors to the Folklife Festival will come away with a better understanding and appreciation of NASA's history and future mission through a celebration of the people whose knowledge has made those achievements possible.

ARTICLE 3 . RESPONSIBILITIES

Both Parties will use commercially reasonable efforts to accomplish the desired outcomes for the two Parties.

A. NASA will:
1. Assist the Smithsonian in the development of a program on the Anniversary in terms consistent with Smithsonian guidelines.
2. In collaboration with the Smithsonian, design, develop and produce the live presentations, educational activities, demonstrations and exhibits to populate the Anniversary programs for the Festival .
3. Provide all the necessary civil service and contractor staff to set up, maintain and operate the program activities within the NASA plots for the duration of the Festival. This provision includes the salaries, transportation, lodging, training and per diem.
4. Collaborate with the Smithsonian's Center for Folklife and Cultural Heritage on the production of the Festival.
5. Develop, with the collaboration of NASA, a series of ancillary activities that could be developed in partnership with the Smithsonian, such as, lectures, special programs, popular film series, gala receptions.
6. Provide Festival information to other organizations to gauge their interest in participating in the Festival . Upon approval from the interested organizations, NASA

will provide a list of those prospects to the Smithsonian.
7. Assist Smithsonian personnel in compiling sounds of space and program material for a special Festival CD.

B. The Smithsonian Institution will:
1. Produce the Festival through the Smithsonian's Center for Folklife and Cultural Heritage, in close collaboration with NASA.
2. Provide NASA with two plots on the National Mall, each roughly the size of a football field.
3. Provide a series of tents to provide structure to the activities and logistics that NASA plans and schedules with the Smithsonian.
4. Provide electrical power sources and other technical aspects as appropriate and at mutual agreement of the Parties.
5. Enable space and provisions for approximately 80-120 key NASA employees, NASA contractor employees and retirees to be involved in the Festival presentations and logistics.
6. Produce, in collaboration with NASA, a special CD for the Festival on the sounds of space and the pursuit of exploration.
7. Produce and provide numerous museum-quality signs, including but limited to, phototext panels of NASA images and renderings.
8. Develop and produce a Smithsonian Family Activities Guide to launch their own expedition through a series of hands-on activities and visitor information.
9. Form a research and curatorial team to include NASA personnel as well as appropriate curators from the Smithsonian's Air and Space Museum and Astrophysical Observatory.
10. Develop, with the collaboration of NASA, a series of ancillary activities that could be developed in partnership with the Smithsonian, such as, lectures, special programs, popular film series, gala receptions.
11. Contact prospects to inform them of sponsorship or other opportunities for participation.
12. Provide recognition of NASA, with approved use of the NASA insignia per Article 10, commensurate with NASA's participation as a prime partner, in credit panels, literature and other regular activities for this endeavor .

ARTICLE 4. SCHEDULE AND MILESTONES

The planned major milestones for the activities defined in the "Responsibilities" clause are as follows:

Conduct research and plan activities for Anniversary	2 months from signature
Draft Plan	3 months from signature
Final Plan	6 months from signature
Launch Festival	June 2008
Status Meetings	Monthly

ARTICLE 5. FINANCIAL OBLIGATIONS

There will be no transfer of funds or other financial obligations between the Parties under this Agreement and each Party will fund its own participation. All activities under or pursuant to this Agreement are subject to the availability of funds, and no provision of this Agreement shall be interpreted to require obligation or payment of funds in violation of the Anti-Deficiency Act, Title 31 U .S .C . § 1341.

ARTICLE 6. PRIORITY OF USE

Any schedule or milestone in this Agreement is estimated based upon the Parties' current understanding of the projected use of the test facilities and equipment by NASA personnel. In the event NASA's projected usage changes, Partner shall be given reasonable notice of that change, so that the schedule and milestones may be adjusted accordingly. The Parties agree that NASA usage of the test facilities, equipment, and personnel shall have priority over the usage planned in this Agreement. Should a conflict arise, NASA in its sole discretion shall determine whether to exercise that priority. Likewise, should a conflict arise as between two commercial users, NASA, in its sole discretion, shall determine the priority as between the two users . This Agreement does not obligate NASA to seek alternative government property or services under the jurisdiction of NASA at other locations.

ARTICLE 7. NONEXCLUSIVITY

This Agreement is not exclusive ; accordingly, NASA may enter into similar Agreements for the same or similar purpose with other U .S. private or public entities.

ARTICLE 8. LIABILITY AND RISK OF LOSS

1. Each Party hereby waives any claim against the other Party, employees of the other Party, the other Party's related entities (including, but not limited to, contractors and subcontractors at any tier, grantees, investigators, customers, users, and their contractors and subcontractors, at any tier), and employees of the other Party's related entities for any injury to, or death of, the waiving Party's employees or the employees of its related entities, or for damage to, or loss of, the waiving Party's property or the property of its related entities arising from or related to activities conducted under this Agreement, whether such injury, death, damage, or loss arises through negligence or otherwise, except in the case of willful misconduct.
2. Each Party further agrees to extend this cross-waiver to its related entities by requiring them, by contract or otherwise, to waive all claims against the other Party, related entities of the other Party, employees of the other Party, and employees of its related entities for injury, death, damage, or loss arising from or related to activities conducted under this Agreement.

ARTICLE 9. INTELLECTUAL PROPERTY RIGHTS - PATENT AND INVENTION RIGHTS

1. The invention and patent rights set forth herein are applicable to any employees, contractors, subcontractors, or other entities having a legal relationship with Partner that are assigned, tasked, or contracted with to perform specified Partner activities under this Agreement. Partner agrees to inform such employees, contractors, subcontractors, or other entities of the obligations under this clause and to bind them to such obligations.
2. Based on the purpose and scope of this Agreement, and the responsibilities of the Parties, NASA has made an administrative determination that the provisions of section 305(a) of the National Aeronautics and Space Ac Act of 1958, as amended (42 U .S .C. § 2457(a)), do not apply to this Agreement. Therefore, title to inventions made (conceived or first actually reduced to practice) as a result of activities performed under this Agreement will remain with the respective inventing party(ies) . No invention or patent rights are exchanged between or granted by such parties under this Agreement except that NASA and Partner agree to use reasonable efforts to identify and report to each other any invention that is believed to have been made jointly by employees of Partner and employees of NASA (including employees of such NASA contractors, subcontractors, or other entities),

and to consult and agree as to the responsibilities and course of action to be taken to establish and maintain patent protection on such invention and on the terms and conditions of any license or other rights to be exchanged or granted by or between
NASA and Partner.

ARTICLE 10. USE OF NASA NAME AND NASA EMBLEMS AND RELEASE OF GENERAL INFORMATION TO THE PUBLIC

1. NASA Name and Initials. Partner agrees the words "National Aeronautics and Space Administration" and the letters "NASA" will not be used in connection with a product or service in a manner reasonably calculated to convey any impression that such product or service has the authorization, support, sponsorship, or endorsement of NASA, which does not, in fact, exist. In addition, with the exception of release of general information in accordance with paragraph 3 below, Partner agrees that any proposed public use of the NASA name or initials (including press releases resulting from activities conducted under this Agreement and all promotional and advertising use) shall be submitted by Partner in advance to the NASA Assistant Administrator for Public Affairs or designee ("NASA Public Affairs") for review and approval. Approval by NASA Public Affairs shall be based on applicable law and policy governing the use of the NASA name and initials.
2. NASA Emblems. Use of NASA emblems/devices (i .e., NASA Seal, NASA Insignia, NASA logotype, NASA Program Identifiers, and the NASA Flag) are governed by 14 C.F .R. Part 1221. Partner agrees that any proposed use of such emblems/devices shall be submitted for review and approval in accordance with such regulations.
3. Release of General Information to the Public. NASA or Partner may, consistent with Federal law and this Agreement, release general information regarding its own participation in this Agreement as desired.

ARTICLE 11. DISCLAIMER OF WARRANTY

Equipment, facilities, technical information, and services provided by NASA under this Agreement are provided "as is." NASA makes no express or implied warranty as to the condition of such equipment, facilities, technical information, or services, or as to the condition of any research or information generated under this Agreement, or as to any products made or developed under or as a result of this Agreement including as a result of the use of information generated hereunder, or as to the merchantability or fitness for a particular purpose of such research, information, or resulting product, or that the equipment, facilities, technical information, or services provided will accomplish the intended results or are safe for any purpose including the intended purpose, or that any of the above will not interfere with privately owned rights of others . Neither the government nor its contractors shall be liable for special, consequential or incidental damages attributed to such equipment, facilities, technical information, or services provided under this Agreement or such research, information, or resulting products made or developed under or as a result of this Agreement.

ARTICLE 12. DISCLAIMER OF ENDORSEMENT

NASA does not endorse or sponsor any commercial product, service, or activity. NASA's participation in this Agreement or supply of equipment, facilities, technical information, or services under this Agreement does not constitute endorsement by NASA. Partner agrees that nothing in this Agreement will be construed to imply that NASA authorizes, supports, endorses, or sponsors any product or service of Partner resulting from activities conducted under this Agreement, regardless of the fact that such product or service may employ NASA-developed technology.

ARTICLE 13. COMPLIANCE WITH LAWS AND REGULATIONS

The Parties shall comply with all applicable laws and regulations including, but not limited to, safety, security, export control, and environmental laws and regulations.
Access by Partner to a NASA facilities or property, or to a NASA Information Technology (IT) system or application, is contingent upon compliance with NASA security and safety policies and guidelines including, but not limited to, standards on badging, credentials, and facility and IT system/application access.

ARTICLE 14. TERM OF AGREEMENT

This Agreement becomes effective upon the date of the last signature below and shall remain in effect until the completion of all obligations of both Parties hereto, or 2 years from the date of the last signature, whichever comes first.

ARTICLE 15. RIGHT TO TERMINATE

Either Party may unilaterally terminate this Agreement by providing 30 calendar days written notice to the other Party.

ARTICLE 16. CONTINUING OBLIGATIONS

The obligations of the Parties set forth in the provisions, "Liability and Risk of Loss," "Intellectual Property Rights," shall continue to apply after the expiration or termination of this Agreement.

ARTICLE 17. DISPUTE RESOLUTION

Except as otherwise provided in the article of this Agreement entitled "Priority of Use," for those activities governed by 37 C .F.R. Part 404 under the article of this Agreement entitled "Intellectual Property Rights — Invention and Patent Rights," and those situations where a pre-existing statutory or regulatory system exists (e .g. under the Freedom of Information Act, 5 U .S.C . § 552), all disputes concerning questions of fact or law arising under this Agreement shall be referred by the claimant in writing to the appropriate person identified as the "Management Points of Contact (POCs). The persons identified as the "Management Points of Contact (POCs)" for NASA and the Partner will consult and attempt to resolve all issues arising from the implementation of this Agreement. If they are unable to come to agreement on any issue, the dispute will be referred to the supervisors of the POCs, or their designated representatives, for joint resolution. If the Parties remain unable to resolve the dispute, then the NASA representative, Manager of Strategic Alliances, or that person's designee, will issue a written decision which shall be a final Agency decision for all purposes including judicial review. Nothing in this section limits or prevents either Party from pursuing any other right or remedy available by law after exhaustion of administrative remedies.

ARTICLE 18. MANAGEMENT POINTS OF CONTACTS

The following personnel are designated as the principal points of contact between the Parties in the performance of this Agreement.

Administrative Points of Contact

NASA
Debbie Rivera
Manager, Strategic Alliances
300 E Street, SW
Washington, DC 20546
Phone: 202-358-1743
drivera@nasa.gov

Smithsonian
Barbara A. Strickland
Associate Director for Finance
and Administration
600 Maryland Avenue SW, Suite 2001
Washington, DC 20546
Phone: 202- 633-1151
stricklandb@si.edu

Technical Points of Contact

NASA
Edward Goldstein
Special Assistant, Office of Public Affairs
300 E Street SW
Washington, DC 20546
Phone : 202-358-4581
edward.s.goldstein@nasa.gov

Smithsonian
Robert Schneider
Technical Director
600 Maryland Avenue SW, Suite 2001
Washington, DC 20024
Phone : 202 633-0658
Schneiderr@si.edu

ARTICLE 19. MODIFICATIONS

Any modification to this Agreement shall be executed, in writing, and signed by an authorized representative of NASA and the Partner. Any modification that creates an additional commitment of NASA resources must be signed by the original NASA signatory authority, or successor, or a higher level NASA official possessing original or delegated authority to make such a commitment.

ARTICLE 20. ASSIGNMENT

Neither this Agreement nor any interest arising under it will be assigned by the Partner or NASA without the express written consent of the officials executing this Agreement.

ARTICLE 21. APPLICABLE LAW

U.S. Federal law governs this Agreement for all purposes, including, but not limited to, determining the validity of the Agreement, the meaning of its provisions, and the rights, obligations and remedies of the Parties.

ARTICLE 22. INDEPENDENT RELATIONSHIP

This Agreement is not intended to constitute, create, give effect or otherwise recognize a joint venture, partnership, or formal business organization, or agency agreement of any kind, and the rights and obligations of the Parties shall be only those expressly set forth herein.

SIGNATORY AUTHORITY

For NASA

Original signed by Bob Hopkins 8/23/07

Robert Hopkins
Chief, Strategic Communications

For the Smithsonian Institution

Original signed by Richard Kurin 9/6/07

Richard Kurin
Director, Smithsonian Center for Folklife and Cultural Heritage

Appendix B – NASA Folklife POCs

Project Manager:	Kristen Erickson	kristen.erickson@nasa.gov
Operations/Integration:	Dan Woodard	dan.woodard@nasa.gov
Narrative Stage:	Ed Goldstein	edward.s.goldstein@nasa.gov
Exhibits:	Jim Hull	jim.hull@nasa.gov
Multimedia:	Bert Ulrich	bert.ulrich@nasa.gov
Public Affairs:	Jason Sharp	jason.s.sharp@nasa.gov
Legislative Affairs:	Josh Buck	jbuck@nasa.gov
Special Projects:	Ann Marie Trotta	ann.marie.trotta@nasa.gov
Second Life:	Erika Vick	Erika.Vick-1@nasa.gov
NASA-Derived Tech:	Janelle Turner	janelle.b.turner@nasa.gov
	Dan Lockney	Daniel.P.Lockney@nasa.gov
History Office	Steve Garber	stephen.j.garber@nasa.gov
Printing & Design:	Tom Powers	thomas.d.powers@nasa.gov
Sponsors/SAA:	Debbie Rivera	drivera@nasa.gov
Astronaut Liaison:	Twana Clary	twana.m.clary@nasa.gov
Family Activities:	Stacey Brooks	stacey.brooks-1@nasa.gov
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Preparatory Materials:	Nora Normandy	nora.normandy@nasa.gov
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	Jim Stofan	james.l.stofan@nasa.gov
	Mary Sladek	mary.f.sladek@nasa.gov
AESP :	Michelle T. Ferebee	michelle.t.ferebee@nasa.gov
Treed Plot Onsite Lead:	Stacey Brooks	stacey.brooks-1@nasa.gov
Open Plot Onsite Lead:	Nora Normandy	nora.normandy@nasa.gov

NASA Mission Directorate POCs

ARMD:	Tony Springer	anthony.m.springer@nasa.gov
ESMD:	Derek Wang	derek.wang-1@nasa.gov
	Gale Allen	gale.allen@nasa.gov
	Bette Siegel	bette.siegel@nasa.gov
	Rocky Lind	richard.a.lind@nasa.gov
SMD:	Ruth Netting	ruth.a.netting@nasa.gov
SOMD:	Beth Beck	beth.beck@nasa.gov
	Carla Rosenberg	carla.b.rosenberg@nasa.gov
	Dawn Brooks	dawn.m.brooks@nasa.gov
	Wanda Dockery	wanda.dockery@nasa.gov
	Rosalie Betrue	rosalie.betrue-1@nasa.gov

NASA Center POCs

ARC:	Laura Lewis	laura.lewis@nasa.gov
DFRC:	Steve Lighthill	steve.l.lighthill@nasa.gov
GRC:	David Defelice	david.m.defelice@nasa.gov
	Mack G. Thomas	mack.g.thomas@nasa.gov
GSFC:	Michelle Jones	michelle.r.jones@nasa.gov
	Winnie Humberson	winnie.h.humberson@nasa.gov
	Leslee M. Cork	Leslee.M.Cork@nasa.gov
	Tara N. Clopper	tara.n.clopper@nasa.gov
	Carmel A. Conaty	carmela.a.conaty@nasa.gov
	Anita L. Davis	anita.l.davis@nasa.gov
JPL:	Joseph L. Williams	joseph.l.williams-1@nasa.gov
	Michelle Viotti	michelle.a.viotti@nasa.gov
JSC:	Louis Parker	louis.a.parker@nasa.gov
	Linda Matthews-Schmidt	linda.j.matthews-schmidt@nasa.gov
KSC:	Luis Berrios	luis.h.berrios@nasa.gov
	Claudette Beggs	claudette.m.beggs@nasa.gov
	Pam Steel	pamela.p.steel@nasa.gov
LaRC:	Elaine Gause	d.elaine.gause@nasa.gov
MSFC:	Dan Woodard	dan.woodard@msfc.nasa.gov
SSC:	Katie Veal Wallace	katie.v.wallace@nasa.gov
	Cheri Miller	cheri.c.miller@nasa.gov
	Sallie Bilbo	sallie.n.bilbo@nasa.gov
	Bryon T. Maynard	bryon.t.maynard@nasa.gov
	Linda Theobald	linda.l.theobald@nasa.gov

Smithsonian POCs

Folklife Director:	Diana Parker	
Business Manager:	Barbara Strickland	
Operations/Technical:	Robb Schneider	
Curators/Staff:	Jim Deutsch	deutschj@si.edu
	Dorey Butter	ButterD@si.edu
	Kim Stryker	strykerk@si.edu
	Isabel Aha	ahai@si.edu
	Jennifer Neely	NeelyJ@si.edu
	Naheed Ahmed	AhmedN@si.edu

Appendix C – Deputy Administrator Letter

Point of Contact: Robert Hopkins, Office of Strategic Communications, 202-358-7305

Message From the Deputy Administrator:

NASA's Participation in the Smithsonian Folklife Festival

This summer (June 25-June 29 and July 2-July 6) NASA is honored to be one of three featured participants in the 42nd Annual Smithsonian Folklife Festival on the National Mall in Washington. The festival also will highlight the Himalayan nation of Bhutan and the music, food and wine of Texas. Over one million people are expected to attend the festival, hopefully including many NASA civil servants, contractor employees and their families. NASA civil servants are encouraged to attend, without charge to leave, but their attendance must be approved in advance by their supervisors.

At the Folklife Festival, "NASA: Fifty Years and Beyond" will showcase the role that the men and women of NASA have played in broadening the horizons of American science and culture, as well as the role that they will continue to play in helping to shape the future.

NASA's festival program will include presentations, hands-on educational activities, demonstrations of skills, techniques and knowledge, narrative "oral history" sessions and exhibits that will explore the spirit of inspiration, innovation and discovery embodied by the agency and its personnel. The festival program will encourage visitors to participate actively -- to ask questions of astronomers, astronauts, astrophysicists, educators, engineers and other experts: a cross-section of NASA's 80,000 employees, contractors and grantees. Visitors will come away from the festival with a better understanding and appreciation of NASA's history and mission through a celebration of the people whose knowledge has made those achievements possible.

NASA's participation in the Smithsonian Folklife Festival is the product of tremendous cooperation from our centers and mission directorates. I will be honored to represent NASA at the Folklife Festival's opening ceremony on June 25, and I look forward to seeing many of my NASA colleagues throughout the 10 days of this special event. For information on the 2008 Smithsonian Folklife Festival, visit: http://www.folklife.si.edu/festival/2008/index.html

Shana Dale
Deputy Administrator

Appendix D - Media

NASA News Release

June 18, 2008

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RELEASE: 08-152

SMITHSONIAN'S FOLKLIFE FESTIVAL CELEBRATES NASA'S 50 YEARS

WASHINGTON -- Moon buggies, stardust and space food are a few of the things visitors will learn about at the "NASA: 50 Years and Beyond" program during this summer's Smithsonian Folklife Festival. The program will showcase the role men and women of NASA have played in broadening the horizons of American science and culture, and the role they will continue to play in shaping the future through exploration and stirring the public imagination.

The festival will be held outdoors on the National Mall between 7th and 14th streets from Wednesday, June 25, through Sunday, June 29, and Wednesday, July 2, through Sunday, July 6. Admission is free. Festival hours are from 11 a.m. to 5:30 p.m. EDT each day with special 6 p.m. evening events that include concerts and dance parties. The festival is co-sponsored by the National Park Service.

"The Folklife Festival will be a unique way for more than a million people to learn more about the history and heritage of our nation's exploration of space and cutting-edge aeronautics research," said NASA Deputy Administrator Shana Dale. "With this festival, NASA celebrates its 50th anniversary, and in the forty-two years of the annual Folklife Festival, NASA is only the second federal agency invited to participate. NASA is in the inspiration business, and my hope is that visitors to our nation's capital will take the opportunity to learn more about our scientific discoveries of Earth and space, and the future of exploration with our talented engineers, scientists and astronauts."

Through hands-on educational activities, demonstrations, narrative sessions and exhibits, the program will highlight the skills and specialized knowledge that are uniquely NASA. About 200 NASA astronomers, astronauts, astrophysicists, educators, engineers and other experts will engage with visitors to represent a cross-section of NASA's 80,000 employees, contractors and grantees. The popular, Web-based "NASA Edge" podcast, as well as NASA TV will be on hand to report from the festival and conduct live interviews with participants.

NASA PROGRAMS

The festival program will illustrate the geographic and occupational diversity of NASA's 10 field centers and inform visitors of the agency's many past, present and future projects. The topics of space science, Earth science, aeronautics, human spaceflight and future projects will be represented at the festival. Space science participants will be on hand to discuss the collection and analysis of interstellar dust, robotic missions to Mars and planetary exploration. Earth science participants will share recent findings about climate change, weather patterns and satellite imagery.

Since NASA's inception, the agency's employees have conducted cutting-edge research in traditional aeronautical disciplines and new, emerging fields to support future air and space vehicles. At the festival, aeronautics engineers and technicians will share with visitors the work they are doing on wind tunnel testing and improving air traffic control.

NASA's most visible mission is human spaceflight. Both current and former astronauts will share their adventures and experience with festival visitors. Also on hand will be NASA engineers and scientists who are building new spaceships that will enable astronauts to return to the moon by 2020.

BENEFITS TO SOCIETY

Society often benefits from the technological advances of NASA. While, contrary to popular belief, Tang and Velcro are not NASA inventions, visitors will learn that many other commercial products and services in the fields of health, medicine, industry and consumer goods came from NASA-derived technologies.

Society also has its imaginations stirred by the exploration of space. Countless painters, sculptors, poets, writers, filmmakers and musicians have used NASA's work as the basis for their art. Several of these people who have documented or interpreted NASA's missions through their art will demonstrate their work at the festival.

FAMILY ACTIVITIES

Younger festival visitors can participate in a variety of hands-on activities that will illustrate the many different facets of NASA. Using their "Mission Guide" activities booklet, children can try such activities as comparing satellite images and studying the impact of comets. After completing the tasks and determining if they have "the right stuff," kids will earn a reward.

Visitors to the festival also will have the opportunity to leave record their memories of and thoughts about NASA, including where they were during important NASA moments.

FOODWAYS

Daily discussions on creating menus for space, packaging food for space, and planning for long-term missions beyond Earth will showcase the design of nutritious and appetizing meals for space travelers. NASA staff also will discuss the challenges and rewards that come with feeding a multicultural crew on the International Space Station.

NARRATIVE STAGES
Participants from all areas of the program, as well as NASA alumni and other special guests, will share stories, traditions and memories of 50 years of NASA on the program's two narrative stages, Exploration and Galaxy.

ALSO AT THE SMITHSONIAN
During the evenings of the festival's first week, the National Museum of Natural History's Baird Auditorium will feature films relating to NASA, including "Apollo 13," "In the Shadow of the Moon" and "2001: A Space Odyssey."

Also on the National Mall, the National Air and Space Museum's exhibition "Space: A Journey to Our Future" opened June 14. This exhibition highlights current achievements in space exploration -- satellites, space telescopes, people living in space -- and provides a glimpse into future human space travel.

ABOUT THE FESTIVAL
The 2008 Smithsonian Folklife Festival will feature three programs. In addition to "NASA: 50 Years and Beyond," the other programs are "Bhutan: Land of the Thunder Dragon" and "Texas: A Celebration of Music, Food and Wine."

The Folklife Festival, inaugurated in 1967, honors people from across the United States and around the world. With about 1 million visitors each year, the festival unites presenters and performers in the nation's capital to celebrate the diversity of cultural traditions. It is produced by the Smithsonian's Center for Folklife and Cultural Heritage. For more information on the Folklife Festival, visit:

http://www.nasa.gov/50th/Folklife and http://www.folklife.si.edu

For more information on NASA and its programs, visit:
http://www.nasa.gov

Smithsonian News Release

Smithsonian Folklife Festival Set for June 25-29 and July 2-6
April 14, 2008

This summer, the Smithsonian Institution will celebrate cultural diversity with three distinct programs at its 42nd annual Folklife Festival. The Festival will be held Wednesday, June 25 through Sunday, June 29 and Wednesday, July 2 through Sunday, July 6 outdoors on the National Mall between Seventh and 14th streets. Admission is free. Festival hours are from 11 a.m. to 5:30 p.m. each day, with such special evening events as concerts and dance parties beginning at 6 p.m. The Festival is co-sponsored by the National Park Service.

"**Bhutan: Land of the Thunder Dragon**" will share the remote Himalayan country's special approach toward life in the 21st century, which—as national policy—is described as the pursuit of "Gross National Happiness." The program will bring Bhutanese artists, dancers, craftspeople, cooks, carpenters, farmers, representatives of monastic life and others to the National Mall to celebrate the living traditions that define and sustain Bhutan's special culture.

Artisans will introduce Bhutan's 13 traditional arts, known as zorig chusum, and explain how these living artistic traditions link the Bhutanese people to the land. Weavers will showcase the diversity of complex weaving traditions that have made Bhutanese textiles some of the most coveted in the world today. Sculptors, painters and carvers will demonstrate the skilled arts that continue to adorn monasteries and temples, as well as most Bhutanese homes. Monastic dancers will perform for the first time in Washington ritual masked dances from highly choreographed and symbolic sacred festivals (tsechus).

"**NASA: 50 Years and Beyond**" will present the role that the men and women of the National Aeronautics and Space Administration have played in broadening the horizons of science and culture, as well as the role that they will continue to play in helping to shape the future and inspiring the public through their exploration missions. The agency was established in 1958 to lead research in aeronautics and space flight for the purpose of gaining knowledge of Earth, the atmosphere and space. It celebrates its 50th anniversary this year.

The program will include demonstrations, live presentations, hands-on educational activities, narrative "oral history" sessions and exhibits that explore the spirit of innovation, inspiration and discovery embodied by the agency's personnel. The Festival program will encourage visitors to participate actively, asking questions of astronomers, astronauts, astrophysicists, educators, engineers and other experts, so that they can come away with a better understanding and appreciation of NASA's history and mission.

"**Texas: A Celebration of Music, Food and Wine**" will feature demonstrations, performances and famous Texas talk about the Lone Star state's proud history and its contemporary traditions. Focusing on the great heritage of music and food from every region of the state, the program will present Texas' rich natural resources, thriving cosmopolitan cities and engaging rural landscapes, where a rich heritage of freedom, optimism, opportunity and achievement contribute to a vibrant contemporary culture.

Visitors will hear presentations of Texas blues, swing, conjunto, country and western, gospel and tejano music; see winemaking demonstrations; and enjoy diverse culinary traditions, including barbeque, kolache making, pan de campo contests and the production of artisan Texas cheeses.

About the Smithsonian Folklife Festival The Folklife Festival, inaugurated in 1967, honors people from across the United States and around the world. With approximately 1 million visitors each year, the Festival unites presenters and performers in the nation's capital to celebrate the diversity of cultural traditions. It is produced by the Smithsonian's Center for Folklife and Cultural Heritage. The Festival's Web site is http://www.folklife.si.edu.

SI-94A-2008

Media Coverage

Going to the Mall
By Emily Esfahani-Smith 7/3/2008 12:07:01 AM
http://www.spectator.org/dsp_article.asp?art_id=13482

July 4th, NASA-Style
By Loretta Hidalgo Whitesides July 04, 2008 | 12:51:40
http://blog.wired.com/wiredscience/2008/07/july-4th-nasa-s.html

NASA Attracts the General Public at Folklife Festival
Jul 7, 2008 5:29 AM
http://www.wibw.com/weather/headlines/24004929.html

The Folklife of Space
by Dwayne A. Day Monday, July 7, 2008
http://www.thespacereview.com/article/1163/1

NASA Attracts the General Public at Folklife Festival
By Brian Berger, Space News Staff Writer
http://www.space.com/businesstechnology/080707-busmon-folklife-festival.html

From Texas to Bhutan in a Day: The Smithsonian Folklife Festival takes us near and far
By Joan Dawson
http://english.ohmynews.com/ArticleView/article_view.asp?menu=A11100&no=383060&rel_no=1&back_url

NASA is Telling Its Story — One Person at a Time
June 27th, 2008
http://spacefellowship.com/News/?p=5826

Smithsonian Folklife festival Opens Tomorrow with Bhutan, NASA and Texas
By Adele Chapin June 24, 2008
http://www.bizbash.com/washington/content/editorial/e11653.php

Smithsonian Folklife Festival features food, cultures of NASA, Bhutan and Texas
By Brett Zongker | **Associated Press** | Jun 25, 08 5:41 PM CDT
http://www.newser.com/article/d91hckqo0/smithsonian-folklife-festival-features-food-cultures-of-nasa-bhutan-and-texas.html

http://www.voanews.com/specialenglish/2008-07-03-voa1.cfm
Culture and Science Mix at this Year's Folklife Festival in Washington
Transcript of radio broadcast: 03 July 2008

http://www.spectator.org/dsp_article.asp?art_id=13482

Going to the Mall

By Emily Esfahani-Smith
Published 7/3/2008 12:07:01 AM

Between now and July 6, this year's Folklife Festival will be a fine distraction for the hordes of tourists in D.C. Beginning in 1967 with an emphasis on American Indian cultures, these days Folklife introduces audiences to "diverse" and remote cultures. Three cultures, or areas of "folklife," are highlighted every summer, displayed along tents down the National Mall.

In the past, the Folklife of regions as far-reaching as the Silk Road, South Africa, Michigan, and Northern Ireland have been explored. Clothes, crafts, food, and religion imported from each culture. Quite a few locals come along for the ride.

In the festival program, Richard Kurin, Acting Under Secretary for History, Art, and Culture at the Smithsonian, laughably informed readers that the creation of the festival "was the cultural equivalent of the political march on Washington led by the Reverend Martin Luther King Jr. It was a way of allowing voices to be heard in the heart of the country's democracy."

The comparison is absurd, of course. Other than the Mall, the two events couldn't be more dissimilar. But Kurin's reach does capture something of the randomness and silliness of Folklife. This year's three cultures were Bhutan, Texas, and NASA.

That's right, NASA.

BHUTAN OCCUPIES the central exhibit at the Mall. Where is Bhutan on the globe, you wonder? Good question. It resides quietly between China, just south of Tibet, and India's easternmost state, Arunachal Pradesh.

Tourists learn that unlike its two heavy-hitting neighbors, the government of Bhutan does not measure its economic progress through Gross National Product or Gross Domestic Product, or any such indicator. Instead, they prefer to measure "Gross National Happiness" (GNH).

In a re-created Buddhist temple, painted bright with murals dedicated to the sublime stages of Gautama Buddha's life, I asked Bhutanese monk Gem Dorji about the reputed success of GNH. He answered me over the sound of incantations, horns, and drums.

"The people of Bhutan," Dorji explained as he adjusted his burgundy robe in the heat, "lead a very simple life, but a very happy life." He fingered the influence of Buddhism for this.

Each Bhutanese household has a personal altar consecrated by a monk, whom the household "invites to the house to pray on a weekly basis," according to a presenter named Kuenzang Dorji Thinley, at the Incense Making and Clay Sculpting Center.

This incense is used strictly for traditional religious purposes, not, as in the U.S., primarily to cover up the smell of one's more questionable activities from mom and dad.

ACCORDING TO the Lone Star state exhibit, the life of Texans is all about swagger. Hot food and dodgy songs make Texans two step.

The Gillette Brothers, though no Townes Van Zandt, were a highlight of the Texas program. The cowboy duo performed a set while strumming guitar and banjo.

They had one about their great granddad who "said his prayers with a shotgun cocked," and had 21 sons. The old man "raised them tough but raised them well, so their feet got cold on the road to hell."

Unlike Bhutan, though, some Texans expressed embarrassment at this image. Dawn Orsak, the curator for the Texas Food and Wine program, explained the state's "cultural diversity is so much greater than cowboys. That's what I'd hope you'd take away from this."

Part of that diversity is NASA. ("Houston, we have a problem.") But it has its own exhibit, marked by miniature rockets, and replica telescopes, located right under the Washington Monument.

In the past, Folklife has stretched the bounds of culture to feature such noble occupations as lawyer, White House worker, and -- wait for it -- Smithsonian employee, as a way to emphasize the importance of such governmental work, and -- a cynic might add -- to help secure more funding.

AS GOVERNMENT agencies go, this one's not a bad choice. A NASA exhibit has a bit more pizzazz than, say, a Department of Energy display. And just try to imagine a movie starring Tom Hanks that promotes the Department of Agriculture.

Take astronaut Joe Edwards, for example. He recounted his experiences in space flight to an audience of mostly children, who lined the front rows.

Edwards said that his sister asked him if he felt any closer to God when he was up in Outer Space. Given that he was moving at 25 times the speed of sound, he explained, and with a swimming pool's worth of hydrogen and oxygen pumping through the rocket per second, and strapped inside a 275-pound space suit, he had told her "it would be good to get intimately familiar with the Almighty before I headed into space."

NASA's particular angle in all this was to get America back to the moon and beyond. Jessica Wood, who works at NASA's Marshall Space Flight Center in Alabama, told TAS the "purpose for another moon visit is to gain experience for living in an extraterrestrial environment before we go to Mars."

If they succeed, perhaps 30 years from now we can expect the Mall exhibits to include, say, Alaska, the United States Postal Service, and a Buddhist Martian delegation -- with the highest Gross Planetary Happiness rating in this solar system.

Emily Esfahani-Smith is a summer intern at The American Spectator and editor of the Dartmouth Review.

http://blog.wired.com/wiredscience/2008/07/july-4th-nasa-s.html
July 4th, NASA-Style
By Loretta Hidalgo Whitesides EmailJuly 04, 2008 | 12:51:40

Ever since the bicentennial of the United States, space and the 4th of July have had a long history. The Smithsonian Air and Space Museum was a "present" to the nation for its bicentennial and it opened on July 1st, 1976. The signal to cut the ribbon for the ceremony was sent from the Viking I mission. Viking I itself was scheduled to land on July 4th for the bicentennial, but pictures of the landing site showed that it was too rocky and so engineers waved off the landing until July 20th.

In 1997, NASA again captured the imagination of the public during the long weekend. The Mars Pathfinder mission, the first U.S. mission to make it to Mars since Viking, bounced onto the surface of Mars and into the hearts of millions on July 4th. I remember being in Houston at the Challenger Learning Center watching the images come back from Mars, and then going on the roof to see the fireworks. The Pathfinder website had over 100 million hits in just the first few days.

This year, NASA and the 4th of July are again making a rendezvous. The Smithsonian Folklife Festival, which attracts one million visitors every July, has invited NASA to be one of the three "cultures" being celebrated. With them is Texas and Bhutan, a Himalayan country that loves it archery and its Prince, (who is in attendance and has been celebrated for his impromptu jamming with Texas musicians on the Folklife stages). Bhutan is also known for creating "Gross National Happiness" as a matter of state policy. If you want to see what NASA is up to, listen to Huey Lewis and the News or watch the national capitol set off fireworks, the National Mall is the place to be this 4th.

If you are not in DC, but you are in the northern hemisphere you should be able to see another July 4th space treat. Saturn and Mars will be bright in the western sky and the 2 day old moon will be setting just over an hour and a half after the sun so if you have keen eyes you should be able catch all three along side all the fireworks! Be sure to remember the Cassini spacecraft working hard on its recently extended mission to explore Saturn and its moons and the Phoenix lander and other spacecraft on and around Mars that are continuing their explorations of the red planet.

The exhibition is, in many respects, more a look ahead at what NASA plans to do in the years to come rather than what it has done in the last 50 years. Elements of the exploration program are front and center, including a model of the Ares 1 rocket and a mock lunar landscape that people can walk on and get their pictures taken with. Meanwhile, shunted away in a corner, almost hidden from view from the rest of the exhibition (although in plain sight to passing traffic on 14th Street), was an inflatable model of the Space Shuttle, sagging slightly.

If you can’t make it to the Folklife Festival (or if you’re not that enthusiastic about the idea of trekking across the Mall in near-tropical weather) the nearby National Air and Space Museum recently opened a temporary exhibition, “Space: A Journey to Our Future”. The

exhibit is actually a version of a traveling exhibition that has been making the rounds the last couple of years, including museums in Indianapolis, Omaha, and Mexico City. (Museum officials said at a press event earlier this month that they had hoped to keep the exhibit open a little longer in January to accommodate people coming to Washington for the presidential inauguration, but the exhibit needs to be shipped to its next destination, Sacramento.)

As the title suggests, the exhibit is primarily forward-looking, examining how humans will return to the Moon and go on to Mars and elsewhere in the solar system. The exhibit is crammed into a relatively tight area on the far eastern end of the museum's lower level, near the food court, which doesn't give it a lot of, well, space. There's little in the way of historical artifacts in the exhibit (the rest of the museum, of course, more than makes up for this); instead there's a walk-though model of what a lunar habitat might be like, and models of Orion and the Ares 1 and 5 (which were due to be replaced with a larger model of just the Ares 1 shortly after the exhibit opened in mid-June.) A miniature theater provides 360-degree video projections of a brief film about astronomy.

The exhibit does put an emphasis on interactivity, with mixed results. One display invites people to put together the cargo needed for a human mission to Mars from a list of items, given the limited capacity of the spacecraft (a hint: make sure to bring food and water, but also don't forget a little entertainment.) Another offers people the opportunity build an Ares rocket by dragging and dropping components in the right place. However, this exhibit eschews tried-and-true touch screens for a high-tech approach where you waive your hand in the vicinity of a sensor that looks like a giant upside-down pair of headphones (or a sci-fi movie prop). The system was suffering some glitches during a pre-opening walkthrough; it also leaves one to wonder how it will work when, say, a crowd of kids tries to stick their hands into it at the same time.

Neither the Folklife Festival nor the "Space: A Journey to Our Future" exhibit is worth a special trip to Washington; the latter is particularly underwhelming for enthusiasts, although that is in large part because it's targeted at more general, and also to some degree younger, audiences. Both, though, demonstrate that even as NASA marks its 50th year of existence, it is trying hard to put its focus on its potential future, not its past.

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http://www.wibw.com/weather/headlines/24004929.html
NASA Attracts the General Public at Folklife Festival
Posted: 5:29 AM Jul 7, 2008
Last Updated: 5:29 AM Jul 7, 2008

(SPACE.com) NASA, often accused of spending too much time preaching to the choir, took its message to the masses as one of three featured attractions at the Smithsonian Institution's 42nd annual Folklife Festival here.

Festival organizers said an estimated 320,000 visitors came through during the first five days of the festival, which kicked off June 25. Attendance was expected to exceed 1 million by the time the two-week event concluded over the U.S. holiday weekend that began July 4.

NASA, which marks its 50th anniversary this year, is only the second government agency the Folklife Festival has featured in its 42-year history. James Deutsch, the Smithsonian's curator for the NASA program, said the U.S. space agency's hardware-rich exhibits and opportunities to chat one-on-one with scientists, astronauts and engineers had been a hit with festival goers, with families with children especially being well represented in more than 10,000 square meters of the National Mall given over to NASA displays.

"The purpose of the Folklife Festival is to highlight the people we call participants — the bearers of knowledge, the bearers of skills and the bearers of tradition," Deutsch said in an interview here. "We are delighted to have gotten people from all 10 [NASA] field centers."

Edward Goldstein, a NASA speechwriter who helped organize the event, said the Folklife Festival presented the agency with a rare opportunity to engage members of the general public who might not otherwise seek the agency out.

"The remarkable thing about NASA's participation in the Folklife Festival is that usually we go out to events that in some way involve the aerospace community, such as air shows and symposiums," Goldstein said. "Here we are going where we are not expected."

Goldstein said not only did the average Folklife Festival attendee tend to be more interested in NASA than might be expected, the average attendee also tended to have a good grasp of what the agency does.

"We are finding they are very informed about the space program and they are asking very intelligent questions about the missions we are mounting and what's ahead," Goldstein said. "The people who are coming through are very engaged and yet they are not space people. They are just average Americans."

The festival also featured the music and food of Texas and the culture of the tiny mountainous Himalayan nation of Bhutan. While NASA is no stranger to Texas — and vice versa given that Johnson Space Center in Houston is considered one of the Lone Star

state's crown jewels — the same could not be said about NASA and Bhutan. At least that was the case before the Folklife Festival.

NASA officials here said they have enjoyed interacting with their fellow festival participants from Bhutan. During the opening week, the 23-year-old prince of Bhutan, His Royal Highness Jigyel Ugyen Wangchuck, took a spin on a student-built Moon buggy prototype, while over on one of the presentation stages, NASA astronaut Carl Walz discussed the cosmos with one of Bhutan's high priests.

Dan Woodard, NASA's operations manager for the festival, said some 500 scientists, engineers and astronauts would participate in the festival by its conclusion, with roughly half that number coming in from Goddard Space Flight Center in nearby Greenbelt, Md.

Woodard said the chance to interact with the public goes both ways.

"One of the things we often hear from our own employees is how energizing it is for them as well," Woodard said.

http://www.thespacereview.com/article/1163/1

The Folklife of Space

by Dwayne A. Day

Monday, July 7, 2008

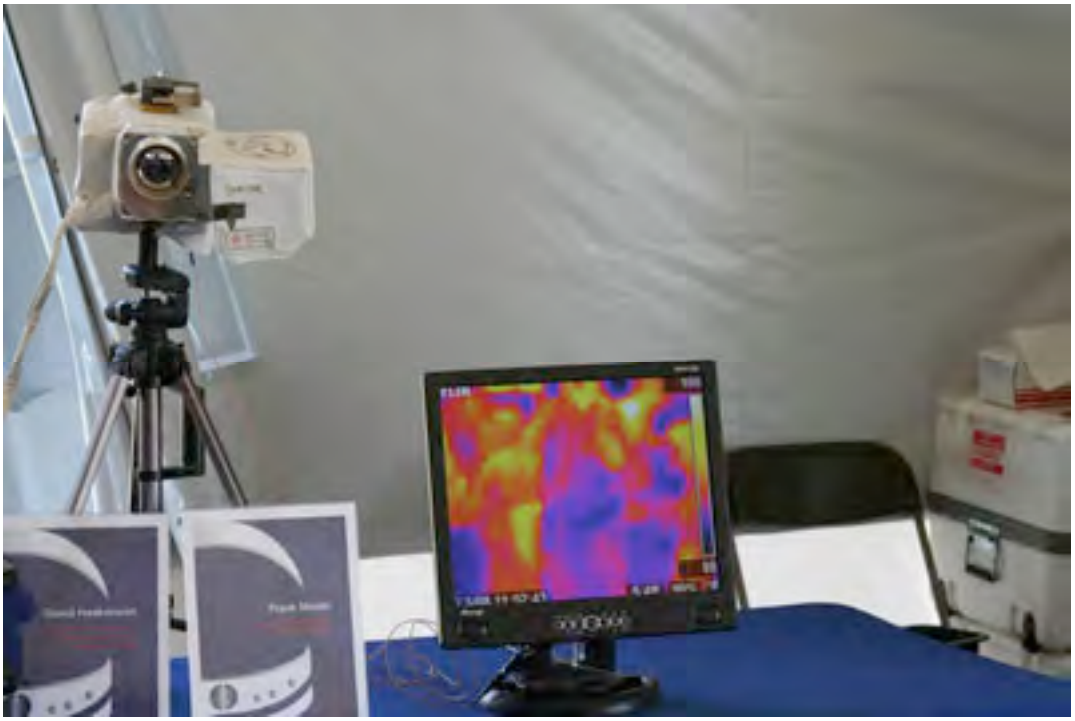
Every year, straddling Independence Day, the Smithsonian Institution conducts the Folklife Festival on the National Mall. They set up tents and booths and feature exhibits, speakers, performers, and food based upon the themes of the festival. This year the Smithsonian highlighted the state of Texas, the country of Bhutan, and NASA. Usually the Folklife Festival highlights a cultural region, so the selection of NASA was a little unusual. But this is the fiftieth anniversary of the space agency, and NASA has always had a higher profile and more positive image than most other government agencies (it seems unlikely that the Folklife Festival will ever host the Department of Housing and Urban Development, for instance).

Approximately one third of the festival was devoted to NASA, which had over a dozen tents of various sizes. Some of these were filled with a stage and chairs, whereas others were filled with tables and exhibits and NASA employees ready to answer the public's questions about the space agency's activities. There was a tent devoted to NASA's aeronautics research, another devoted to the International Space Station, one on the Space Shuttle, and tents on Earth sciences, space sciences, space art, space food, robotics, and technology spinoffs, among others. Children were encouraged to go from tent to tent with a small booklet of questions that they had to get answered. Those who successfully filled their booklets received a NASA logo pin.

The topics discussed by the speakers and the experts that NASA brought in from all over the country covered a very broad range. There were people talking about the heat shield on the MESSENGER spacecraft flying toward Mercury, astronomers discussing the findings of the Hubble Space Telescope, experts on the space toilet on the International Space Station, rocket engineers to discuss the new J-2X engine, and even somebody to talk about the camera systems carried on the Space Shuttle and used to inspect the external tank for damage during liftoff. I tried in vain to find somebody willing to discuss budget contingency reserves for future projects, but for some reason NASA chose not to have a tent devoted to NASA headquarters. Why doesn't anybody ever think about the children?

Washington's weather is not always cooperative during the Folklife Festival. The tents were closed one day due to the threat of a violent thunderstorm that fortunately never materialized, and on July 4 and 5 the skies were cloudy and there were brief periods of rain that drove down attendance. Except for the large numbers of kids, attendance was lighter at the NASA tents than for the rest of the festival. This is not unexpected, because many members of the public are probably more interested in seeing dancing and singing performances than care about science and engineering. But it was still clear during several visits that thousands of people were exposed to NASA and its various missions who might otherwise know very little about the space agency.

What follows are some photographs of the festival. With some googling you can easily find others on the web, including many better than these.
Folklife Festival
(credit: D. Day)



Self-portrait of the photographer. (credit: D. Day)

http://www.thespacereview.com/article/1157/1
Review: Space on the Mall by Jeff Foust
Monday, June 30, 2008

Space: A Journey to Our Future
National Air and Space Museum, Washington
Through January 11, 2009

Smithsonian Folklife Festival
National Mall, Washington
June 25–29 and July 2–6, 2008

The 50th anniversary of NASA offers a tremendous hook for publicity for the space agency, an opportunity to celebrate what it has accomplished and—perhaps more importantly, given the transitions the agency is undergoing—what it plans to do in the future. A couple of short-term exhibitions in Washington, one wrapping up in the next week and the other lasting through the end of the year, give the agency a chance to show off both its past and future.

The Smithsonian Folklife Festival, in its 42nd year, usually honors several nations, regions, states, or other distinct cultures; this year's event features the state of Texas and the nation of Bhutan. However, this year's festival also includes, in a somewhat unusual twist, NASA, in recognition of its 50th anniversary. The NASA exhibit takes up the western third of the festival space on the Mall, in the shadow of the Washington Monument.

Once there, you'll find a little bit of everything about NASA, with sections devoted to astronomy, planetary exploration, earth sciences, aeronautics, and human spaceflight, among others. A couple tents are used as stages for speakers and panels, although on a Saturday afternoon most of those events were only lightly attended, and at least some of the people were less interested in the content than in taking advantage of a seat in the shade on a hot, muggy day. Unlike the other two exhibits, where you can buy authentic Tex-Mex barbeque or Bhutanese dishes, there's no food for sale in the NASA exhibit, although if you're really jonesing for some astronaut ice cream, it is for sale in the festival gift shop.

The event is obviously geared towards the general public, so there's less in-depth content or neat spaceflight artifacts than more general items, like models of spacecraft ranging from the Hubble to Cassini to the ISS, as well as inflatable models of an F-18 and an Orion CEV. There are a few hidden gems, though, that even hardcore space enthusiasts will appreciate. The planetary sciences tent includes a large 3-D panorama of the Martian landscape taken by one of the Mars Exploration Rovers; it's stunning to look it, especially if all you've seen of similar views have required squinting at a computer screen. Tucked away in a corner of the overall exhibit, in a section on applications of space technology, was Peter Homer, the winner of the Astronaut Glove competition of NASA's Centennial Challenges prize program in 2007. He was showing off new versions of the glove that won the competition, letting people stick their hands into versions of the glove in a pressure box and flex them, giving them a feel for how the glove would work in space.

Peter Homer shows off the latest versions of his astronaut glove that won a NASA Centennial Challenges competition. (credit: J. Foust)

The exhibition is, in many respects, more a look ahead at what NASA plans to do in the years to come rather than what it has done in the last 50 years. Elements of the exploration program are front and center, including a model of the Ares 1 rocket and a mock lunar landscape that people can walk on and get their pictures taken with. Meanwhile, shunted away in a corner, almost hidden from view from the rest of the exhibition (although in plain sight to passing traffic on 14th Street), was an inflatable model of the Space Shuttle, sagging slightly.

If you can't make it to the Folklife Festival (or if you're not that enthusiastic about the idea of trekking across the Mall in near-tropical weather) the nearby National Air and Space Museum recently opened a temporary exhibition, "Space: A Journey to Our Future". The exhibit is actually a version of a traveling exhibition that has been making the rounds the last couple of years, including museums in Indianapolis, Omaha, and Mexico City. (Museum officials said at a press event earlier this month that they had hoped to keep the exhibit open a little longer in January to accommodate people coming to Washington for the presidential inauguration, but the exhibit needs to be shipped to its next destination, Sacramento.)

As the title suggests, the exhibit is primarily forward-looking, examining how humans will return to the Moon and go on to Mars and elsewhere in the solar system. The exhibit is crammed into a relatively tight area on the far eastern end of the museum's lower level,

near the food court, which doesn't give it a lot of, well, space. There's little in the way of historical artifacts in the exhibit (the rest of the museum, of course, more than makes up for this); instead there's a walk-though model of what a lunar habitat might be like, and models of Orion and the Ares 1 and 5 (which were due to be replaced with a larger model of just the Ares 1 shortly after the exhibit opened in mid-June.) A miniature theater provides 360-degree video projections of a brief film about astronomy.

The exhibit does put an emphasis on interactivity, with mixed results. One display invites people to put together the cargo needed for a human mission to Mars from a list of items, given the limited capacity of the spacecraft (a hint: make sure to bring food and water, but also don't forget a little entertainment.) Another offers people the opportunity build an Ares rocket by dragging and dropping components in the right place. However, this exhibit eschews tried-and-true touch screens for a high-tech approach where you waive your hand in the vicinity of a sensor that looks like a giant upside-down pair of headphones (or a sci-fi movie prop). The system was suffering some glitches during a pre-opening walkthrough; it also leaves one to wonder how it will work when, say, a crowd of kids tries to stick their hands into it at the same time.

Neither the Folklife Festival nor the "Space: A Journey to Our Future" exhibit is worth a special trip to Washington; the latter is particularly underwhelming for enthusiasts, although that is in large part because it's targeted at more general, and also to some degree younger, audiences. Both, though, demonstrate that even as NASA marks its 50th year of existence, it is trying hard to put its focus on its potential future, not its past.

Jeff Foust (jeff@thespacereview.com) is the editor and publisher of The Space Review.

http://www.space.com/businesstechnology/080707-busmon-folklife-festival.html

NASA Attracts the General Public at Folklife Festival

By Brian Berger
Space News Staff Writer

NASA, often accused of spending too much time preaching to the choir, took its message to the masses as one of three featured attractions at the Smithsonian Institution's 42nd annual Folklife Festival here.

Festival organizers said an estimated 320,000 visitors came through during the first five days of the festival, which kicked off June 25. Attendance was expected to exceed 1 million by the time the two-week event concluded over the U.S. holiday weekend that began July 4.

NASA, which marks its 50th anniversary this year, is only the second government agency the Folklife Festival has featured in its 42-year history. James Deutsch, the Smithsonian's curator for the NASA program, said the U.S. space agency's hardware-rich exhibits and opportunities to chat one-on-one with scientists, astronauts and engineers had been a hit with festival goers, with families with children especially being well represented in more than 10,000 square meters of the National Mall given over to NASA displays.

"The purpose of the Folklife Festival is to highlight the people we call participants — the bearers of knowledge, the bearers of skills and the bearers of tradition," Deutsch said in an interview here. "We are delighted to have gotten people from all 10 [NASA] field centers."

Edward Goldstein, a NASA speechwriter who helped organize the event, said the Folklife Festival presented the agency with a rare opportunity to engage members of the general public who might not otherwise seek the agency out.

"The remarkable thing about NASA's participation in the Folklife Festival is that usually we go out to events that in some way involve the aerospace community, such as air shows and symposiums," Goldstein said. "Here we are going where we are not expected."

Goldstein said not only did the average Folklife Festival attendee tend to be more interested in NASA than might be expected, the average attendee also tended to have a good grasp of what the agency does.

"We are finding they are very informed about the space program and they are asking very intelligent questions about the missions we are mounting and what's ahead," Goldstein said. "The people who are coming through are very engaged and yet they are not space people. They are just average Americans."

The festival also featured the music and food of Texas and the culture of the tiny mountainous Himalayan nation of Bhutan. While NASA is no stranger to Texas — and vice versa given that Johnson Space Center in Houston is considered one of the Lone Star

state's crown jewels — the same could not be said about NASA and Bhutan. At least that was the case before the Folklife Festival.

NASA officials here said they have enjoyed interacting with their fellow festival participants from Bhutan. During the opening week, the 23-year-old prince of Bhutan, His Royal Highness Jigyel Ugyen Wangchuck, took a spin on a student-built Moon buggy prototype, while over on one of the presentation stages, NASA astronaut Carl Walz discussed the cosmos with one of Bhutan's high priests.

Dan Woodard, NASA's operations manager for the festival, said some 500 scientists, engineers and astronauts would participate in the festival by its conclusion, with roughly half that number coming in from Goddard Space Flight Center in nearby Greenbelt, Md.

Woodward said the chance to interact with the public goes both ways.

"One of the things we often hear from our own employees is how energizing it is for them as well," Woodard said.

http://english.ohmynews.com/ArticleView/article_view.asp?menu=A11100&no=383060&rel_no=1&back_url

From Texas to Bhutan in a Day: The Smithsonian Folklife Festival takes us near and far

By Joan Dawson
OhmyNews – Art and Life

There are certain events Washingtonians never fail to miss: the cherry blossoms, the film fests and the Smithsonian Folklife Festival. Now in its 42nd year, the Folklife rarely disappoints. This year was no exception.

The Folklife Festival presents the cultural traditions of a nation, region, state or group to 1-million-plus visitors. Since 1967, the festival has highlighted the culture of over 90 nations, every region of the US, hundreds of American Indian groups, dozens of ethnic communities and a wide variety of occupations.

To ensure authenticity, the festival brings representatives from these groups to the nation's capital. These folks then conduct educational sessions or perform in activities on the National Mall that demonstrate their culture; these may include music, dance, performance, crafts, cooking demos and storytelling. Festivalgoers are always highly encouraged to participate.

This year, the festival presented the traditions of the Lone Star state of Texas, the Himalayan country of Bhutan and the stellar work of the National Aeronautics and Space Administration. It is not often you can meet a Texan in a cowboy hat, a Bhutanese in traditional garb and a NASA scientist all in one day! Luckily, no one suffers from culture shock going from one section of the festival to the other!

The festival lasts almost two weeks and always overlaps with the Fourth of July holiday. I went yesterday, July 5 and spent about two hours there. I checked out the dancehalls of Texas first. Music is an integral part of the Texan lifestyle.

According to the Smithsonian's Web site, music is the "glue that draws people together, encourages them to stay, and invites them to join in. At weddings, anniversaries, community festivals, ethnic celebrations, church events, backyard social gatherings, local clubs, and dancehalls, Texans of all stripes come together to eat, drink, and enjoy the music."

Indeed, the music was lively. After the dancehall, I saw the cooking demonstrations, wine making and barbeques, all offering to tempt our senses. Then this urban cowgirl moseyed on over to the Bhutanese section.

Considering there were no roads in Bhutan until the 1960s and no access to planes until a few decades ago, this reporter for one was grateful that more than 100 Bhutanese came to Washington, D.C., to share their culture with us.

Just by taking a local bus to the festival, I was transported to Bhutan, a country that is situated between China and India. I saw their archery skills, artistic inclinations and spirituality displayed. I touched their traditional cloth and learned about the labor and time (nine months to make a dress) needed to make a garment. I tasted their cuisine: Jasha Maroo, a delicious minced chicken and dumpling dish with rice. Typically, Bhutanese food is spicy, but this dish was rather moderate. I then went from spice-to-space: I finished my meal and headed to NASA.

While I was wandering around the freeze-dried food demonstrations, walking through life-sized shuttles and seeing kids doing scientific experiments, I happened to hear one of my favorite music genres: a cappella.

I headed to the stage and sat down to listen to several songs performed by the Chromatics. Out of the six members, three work at NASA. They have combined their love of music and science to form an a cappella group that believes music can help us learn about space and science.

I am not sure if I walked away with more scientific knowledge than I came with, but I certainly walked away with a greater appreciation for those who shared so much of their traditions, lives and passions with us today. Now, if only my bus ride home could be so stimulating!

http://spacefellowship.com/News/?p=5826
NASA is Telling Its Story — One Person at a Time
June 27th, 2008

WASHINGTON, (NASA) — Gwen sported a red ribbon emblazoned with "I'm a winner" after her rocket successfully delivered its payload to Saturn.

Her sister, 8-year-old Amanda, piped up sadly, "I'm a loser."

"No you're not," said their mother, Heather Anderson of suburban Washington, who had clearly been paying attention to exhibitors' talks. "NASA's not planning a trip to Saturn."

Mars, yes. The moon, certainly. The girls and their mother learned about NASA's aspirations toward both Wednesday on the opening day of the Smithsonian Folklife Festival on the Mall.

"There will be a million visitors here," said Shana Dale, NASA's deputy administrator, who shared the agency's part in the opening ceremonies with a message from the International Space Station and former astronaut Mike Coats, director of NASA's Johnson Space Center.

"It's our chance to reengage with the American public," Dale added.

And with some Bhutanese. His Royal Highness the Prince of Bhutan, Jigyel Ugyen Wangchuck, and the nation's minister for home and cultural affairs shared the stage with Dale and Texas Gov. Rick Perry in a tent labeled "Dance Hall" for the opening ceremonies. All around were tents and trailers that contain exhibits that energetic NASA spokespeople have hauled to the nation's capital from all over the country to be part of this event. All 10 NASA centers are represented.

Sighted just above the trailers was the Capitol Dome, just to remind everyone where they were.

The agency's exhibits cover the better part of two city blocks on the Mall, and their reason for being here is, at least in part, celebratory.

NASA: 50 Years and Beyond, is the theme of the agency's presence, and it's not lost on others who are celebrating this 42nd annual Folklife Festival. "In their truly mythic way, they are stretching the bounds of our imaginations," said Richard Kurin, the acting under secretary for history, art and culture of the Smithsonian Institution.

NASA's mission is to interact with the public, mostly in one-on-one sessions. That's why hundreds of agency employees and contractors are with the exhibits.

The sisters, young Gwen and younger Amanda, learned about propulsion from camp counselors from Stennis Space Center. They gave the children a balloon to blow up, then fastened a clothespin over its nozzle. They then taped a small paper cup "payload" to the balloon's front, taped a soda straw to its side and turned the rocket over to Corderis Brown, who threaded a fishing line — anchored on "Saturn" — into the straw on the side of the space ship and counted down: "Five-four-three-two-one."

At zero, the tot pinched the clothespin, releasing the air and sending the balloon aloft to Saturn. A hit earned a red "I'm a winner" ribbon. A miss earned, well, Amanda's chagrin.

Everywhere, there were reminders of NASA's first 50 years and, in some cases, of its next 50.

In the Space Shuttle tent, Christine Boykin, from Johnson Space Center, showed the wonderfully named Enhanced Launch Vehicle Imaging System, cameras that record the progress of the space shuttle.

Yes, she said, "ELVIS leaves the launch pad."

Nearby, Nils Larson, a test pilot from Dryden Research Center, showed a pressure suit that he has worn while flying NASA's WB-57 and ER-2. On its knee was a notepad on which was written, "NASA rocks."

"Know the question I've gotten most?" Larson said. "It's why is there a Whiffle ball on the front?"

The answer is that the suit is inflated while aloft, and blowing up the suit pushes the helmet up in front of the pilot's eyes. The pilot pulls on the Whiffle ball and the block-and-tackle to which it's attached pulls the helmet down so the pilot can see.

A 6-year-old challenged Robert Howard, a Johnson Space Center employee who was demonstrating the architecture of the Ares I and Ares V rockets that will carry astronauts to the International Space Station, moon and beyond, beginning in less than a decade.

"He named all of the parts of the Ares I," Howard said, both bewildered and bemused. "It was amazing."

It's the power of television, and of an increasingly computer literate generation that is stepping up with questions that surprised many of the exhibitors.

"So many people have been watching Discovery Channel," said Jeff Jones, a NASA Langley project manager who was explaining to anyone who asked about developing the thermal protection system that will allow Orion to reenter the Earth's atmosphere from space.

“They already know what a heat shield is. They come in and ask how does it work? ‘What are the problems you have to deal with in developing it?’

“It’s making this more interesting to me.”

Greg Gatling of NASA Langley demonstrated a small wind tunnel, letting visitors choose the flight test article. Monsi Roman of Marshall Space Flight Center showed an oxygen system that’s on the International Space Station and a water system that will be when the Space Shuttle ferries it aloft in the fall. Candice Nance of Ames Research Center gave the public a history lesson on the Helios and its contribution to the study of fuel cells.

Through it all, the interaction was one-on-one.

“They wanted us to show the culture of NASA by exchanging with people,” said Gilda Miner, a NASA Langley employee showing NASA Ice Reduction Flexible Forms, a substance that inhibits the formation of ice while remaining flexible in temperatures between minus-320 degrees and plus 500 degrees Fahrenheit.

The festival will go on for two weeks, and many of the exhibits will see shift changes by this weekend, with other NASA employees moving in to work.

“We have a rich heritage,” said NASA Deputy Administrator Shana Dale, “and we want to show it to people. We want them to be cognizant of NASA’s past and of the things we want to do in the future.”

Feel free to discuss this article in the forum…
Posted in Space Race News, NASA |

http://www.bizbash.com/washington/content/editorial/e11653.php
Smithsonian Folklife festival Opens Tomorrow with Bhutan, NASA and Texas
News 06.24.08 10:15 AM

Each summer for the last 42 years, the Smithsonian Folklife Festival has turned the National Mall into a massive outdoor cultural celebration reaching over seven city blocks. This year, the event, organized with the help of more than 500 Smithsonian staffers and 300 volunteers, is celebrating the isolated mountain Kingdom of Bhutan, the 50th anniversary of NASA, and the music and cuisine of Texas.

Kicking off tomorrow, the festival runs through June 29 and from July 2-6, offering everything from an evening concert of the Texas Songsters to Bhutanese monks (or pork- and cheese-filled dumplings) to screenings of classic space films (think *2001: A Space Odyssey*) at the nearby National Museum of Natural History.

Co-sponsored by the National Park Service, with support from Motorola, Sprint, WAMU-FM, Whole Foods Market, and Washingtonpost.com, the festival is expected to attract more than one million visitors throughout its 10-day run. *—Adele Chapin*

http://www.newser.com/article/d91hckqo0/smithsonian-folklife-festival-features-food-cultures-of-nasa-bhutan-and-texas.html

Smithsonian Folklife Festival features food, cultures of NASA, Bhutan and Texas

By BRETT ZONGKER | **Associated Press** | Jun 25, 08 5:41 PM CDT in Arts & Living

Hundreds of artists, scientists and visitors from three wildly different cultures _ Texas, NASA and the isolated Himalayan kingdom of Bhutan _ converged Wednesday at the opening of the Smithsonian Folklife Festival on the National Mall.

Bhutanese monks in traditional robes stood in line with tourists and NASA engineers for a taste of Texan cuisine that included steak fajitas and noodles from Houston's Vietnamese community.

"Bhutan and America are indeed two very different nations _ different in size, wealth, geography and population," said the 23-year-old Prince of Bhutan, Jigyel Ugyen Wangchuck. "But together, we share common values."

This has been a historic year for the once-reclusive nation of Bhutan, which became the world's newest democracy in March with its first-ever parliamentary elections. Participating in the Smithsonian festival, which draws about 1 million visitors each year, is likely the single-largest presentation of its cultural heritage.

When Smithsonian leaders traveled to Bhutan several years ago to begin planning the exhibit, "Bhutan: Land of the Thunder Dragon," they found the folklife festival was high on the government's agenda, second only to forming a new constitution, said Richard Kurin, the Smithsonian's acting undersecretary for art, history and culture.

"The festival is really an exercise in cultural democracy," Kurin said.

A centerpiece of the festival is a Bhutanese Buddhist Ihakhang (temple) built as a gift of friendship for the people of the United States. The temple, which features intricate carvings and colorful depictions of a dragon, is the largest structure ever built for a festival on the National Mall. After the festival, it will be donated to the University of Texas at El Paso.

Near the temple, monks demonstrate different art forms _ from weaving to a unique style of sand painting that uses ground limestone colored with natural pigments.

Dozens of people gathered around soon after the festival's opening as some of the monks answered questions about their lives and artwork.

"This is great, because you get to talk to people firsthand," said Elizabeth Terschuur, 26, a dancer from Baltimore. "I've always wanted to go visit a monastery like that, and to even talk to them about it one-on-one is amazing."

The traditional arts contrast sharply with the high-tech innovations nearby in the NASA exhibit, which celebrates the space agency's 50th anniversary and gives a glimpse of planning for future lunar and Mars missions. While it may seem odd for the folklife festival to feature a government agency, organizers said they have often focused on the cultures of specific occupations, including the White House and the U.S. Forest Service. They said NASA offers many stories and contributions to the wider U.S. culture.

"You're dealing with something that's almost a mythic occupation _ exploring the heavens," Kurin said. "If this was another society, you'd be talking about a cult of mystics and oracles."

Astronauts, engineers and even the people who prepare food for space flights are scheduled to speak throughout the festival, which runs through Sunday, takes a break and then opens for its second leg July 2 to July 6.

Finally, the state of Texas is featured specifically for its food, wine and music. Texas Gov. Rick Perry greeted visitors with a hearty "Howdy!" at the festival's opening. He said he was amazed to see some Bhutanese people taking pictures of these "exotic Texans."

The governor, wearing black cowboy boots, noted he had some competition in the footwear category. Bhutan's prince wore brightly colored boots that were ornately embroidered.

"I told his highness backstage that there are very few times in my life that I have ever been outbooted," Perry said, drawing laughs. "But I'm tellin' ya', he even put me to shame today."

Associated Press writer Suzanne Gamboa contributed to this report.

http://www.voanews.com/specialenglish/2008-07-03-voa1.cfm

Culture and Science Mix at This year's Folklife Festival in Washington

Transcript of radio broadcast: 03 July 2008

HOST:
Welcome to AMERICAN MOSAIC in VOA Special English.
(MUSIC)
I'm Doug Johnson.
Today, we play some music by a very famous composer in honor of America's Independence Day …
And we visit the Smithsonian Folklife Festival on the National Mall in Washington, D.C.
(MUSIC)

Smithsonian Folklife Festival

HOST:
Every summer since nineteen sixty-seven, the Smithsonian Institution in Washington, D.C. organizes a special outdoor event. The Smithsonian Folklife Festival celebrates American and international cultures and traditions. This year, the festival is highlighting the cultures of Bhutan, Texas and outer space. Bob Doughty has more.
BOB DOUGHTY:
(SOUND)
As you walk through the area about Bhutan at the Smithsonian Folklife Festival, it is easy to forget you are in Washington. There are Bhutanese people walking around in traditional costumes and tall prayer flags waving in the wind. There is even a Bhutanese religious center where you can watch dances and performances. Some of the traditional dances date back to the sixteenth century. Bhutan's rich culture has been carefully protected because it is generally removed from outside influences.
There are many tented areas where you can learn more about this small Buddhist country in the Himalayan mountains. You might learn that Bhutan's national sport is archery. Or that the Bhutanese government has a policy of measuring the Gross Domestic Happiness in the country.
One area teaches visitors about Bhutan's postage stamps. Since the nineteen sixties, the country has developed unusual stamps including metal stamps and stamps that smell.
Many booths teach visitors about Bhutanese artistic traditions like woodcarving, painting and cloth-making. At one booth, you can listen to a demonstration about the culture of drinking.
SPEAKER: The name for Bhutan in Bhutanese is druk…D-R-U-K. And Druk is a thunder dragon. This session is on how the dragon drinks. What do we drink? We drink alcohol. Then we drink tea!
The speaker gave a careful explanation of the respectful way to drink tea when you are invited to visit a Bhutanese home. If listening to this makes you thirsty, you can try Bhutanese drinks -- or food.
We tried the national dish of Bhutan, Ema Datsi. It is made from chilies and cheese and served with red rice. It was very spicy hot, but very delicious.
(MUSIC)
A few steps away, festival visitors enter a whole other world, the culture of the southwestern American state of Texas. Known as the "Lone Star State," Texas has a rich

culture and history. The festival has two performance stages for Texas music. You can hear the fast playing of Fiddlin' Frenchie Burke. He can play his fiddle backwards, forwards and upside down.
Or you can hear cowboy songs performed by the Gillette Brothers from Crockett, Texas. (MUSIC)
There are also bands playing Tejano, Creole, mariachi, and polka music.
The Texas area of the Folklife Festival also has a booth where you can learn about wine made in the state. And, there is a stage where experts talk about the state's many food traditions. For example, you can learn about the influences of cowboy, Mexican and Vietnamese cooking. Then you can taste examples at one of the festival's three Texas food sellers.
The festival's third subject is not one you might expect at a folklife event. Faith Lapidus tells us about it.
FAITH LAPIDUS:
The United States space agency is also represented at the Folklife Festival. NASA is celebrating its fiftieth anniversary this year. Space exploration may not seem to fit with the themes of folklife in Bhutan or Texas. NASA says the people who work at the agency usually discover new things rather than preserve old traditions. But the culture of engineers and scientists represents a community with special work skills that are an important part of American life.
About two hundred scientists, educators, engineers and astronauts are taking part in the NASA exhibit at the festival. They give talks, answer visitors' questions, demonstrate current space technology and suggest future developments.
In one discussion at the main tent called Exploration Stage, experts talk about the reasons we explore space. Steven Dick is chief historian for NASA. He was joined by chief NASA scientist, James Garvin, and curator of the National Air and Space Museum, Roger Launius. They discuss how space science has taught us about events in the distant past like the formation of the moon's surface. They offer reasons why it is important to return to the moon. And they make some predictions about the next fifty years.
One popular talk is about the space shuttle, the only reusable spaceship ever made. Former astronaut Carl Walz describes what it was like to experience a shuttle launch. He says nothing prepares first time astronauts for the sudden, shaking force of the powerful rocket engines.
There are also many demonstrations of space technology at the NASA exhibit -- from rocket engines to spacesuits. A team from the California Institute of Technology and NASA's Jet Propulsion Laboratory show a robot. It is designed to be lowered from a lander, like the Mars rover, into craters to gather soil and take pictures.
There is so much at the NASA exhibit that it is impossible to describe it all here. But the NASA employees who have come to the Folklife Festival are showing their special culture of discovery and adventure.

Appendix E – Narrative Stage Speakers

Narrative Stage Schedule

6/25/2008 Exploration Stage

12:00 pm - 12:45 pm Mad Science Alison Kilpatrick; Greg Clark (Martin Collins)
12:45 pm - 1:45 pm Why We Explore Roger Launius; Steven Dick; James Garvin (Mike Green)
1:45 pm - 2:30 pm Space Shuttle: Go/No Go William Gerstenmaier; Carl Walz; Bill Hill; Wayne Hale (Mike Green)
2:30 pm - 3:15 pm Astronaut Adventures Ken Reightler; Frederick W. Sturckow; Brian Duffy (Margaret Weitekamp)
3:15 pm - 4:00 pm Future Missions ; Mitzi Adams (Ross Anderson)
4:00 pm - 4:45 pm Astronaut Adventures Ken Reightler; Frederick W. Sturckow; Brian Duffy (Al Feinberg)
4:45 pm - 5:30 pm International Space Station: Robotic Helpers Yoshinori Yoshimura; Graham Gibbs; Mike Hawes; Brian Duffy (Keith Henry)

6/25/2008 Galaxy Stage

12:00 pm - 12:45 pm A Photographer's Perspective James Ross; Chris Gunn; Sean Smith (Jennifer Levassuer)
12:45 pm - 1:45 pm NASA and Nation: Media Warren Leary; Frank Morring; Eun Kyung Kim; Mark Mathews (Mike Cabbage)
1:45 pm - 2:30 pm Sun-Earth Connections Jeffrey Hayes; Steele Hill; Therese Kucera; James Thieman (Al Feinberg)
2:30 pm - 3:15 pm Rocket Scientists Charles Trepte; Robert Bindschadler; Ruthan Lewis (Paul Ceruzzi)
3:15 pm - 4:00 pm Mysterious Universe Michael Salamon; Eric Roston; Harley Thronson (Olivia Cadaval)
4:00 pm - 4:45 pm Leading the Greening: Recycling Energy, Water & Waste/ISS Deanna Bredbrenner; ; Sandy Reehorst; Monsi Roman (Amanda Schiff)
4:45 pm - 5:30 pm What on Earth? Robert Bindschadler; John Haynes; Woody Turner (Andrew Johnston)

Narrative Stage Schedule

6/26/2008 Exploration Stage

11:00 am - 11:45 am Mysterious Universe Jeffrey Hayes; Michael Salamon; Harley Thronson (JD Harrington)
11:45 am - 12:30 pm Mad Science Alison Kilpatrick; Greg Clark (Margaret Weitekamp)
12:30 pm - 1:30 pm Why We Explore Paul Ceruzzi; Steven Dick; Michael Neufeld Neufeld (Sharon Wilson)
1:30 pm - 2:15 pm Astronaut Adventures Ken Reightler; Carl Walz; Pierre Thuot (Margaret Weitekamp)
2:15 pm - 3:15 pm NASA and Nation: Youth Joel Grossman; Robbie Smith; Danielle Sova (Stacey Brooks)
3:15 pm - 4:00 pm NASA and Popular Imagination: Girl Scouts Jan Davis; Rosalie Betrue; Michelle Hailey (Susan Anderson)
4:00 pm - 4:45 pm Rocket Scientists Shadan Ardalan; Charles Trepte; Harley Thronson (Sharon Wilson)
4:45 pm - 5:30 pm Astronaut Adventures Ken Reightler; Carl Walz; Jan Davis (Martin Collins)

6/26/2008 Galaxy Stage

11:00 am - 11:45 am Future Missions: Ares I-X: NASA's First of a New Era Steve Davis; Larry Huebner (Sarah Andre)
11:45 am - 12:30 pm NASA Pioneers Bruce Fisher; Robert Gale Wilson; William Kinard (Keith Henry)
12:30 pm - 1:30 pm Synetic Theater: Galactika Synetic Theater Company (Debbie Rivera)
1:30 pm - 2:15 pm What on Earth? Marc Imhoff; Claire Parkinson; Charles Trepte (Martin Collins)
2:15 pm - 3:15 pm Science Update: Mars Phoenix Lander Peter Smith; Bobby Fogel; Ramon DePaula (Steve Cole)
3:15 pm - 4:00 pm Space Shuttle: Rocket Power ; Sally Ann Little; Jon Cowart; Bartt Hebert (Ross Anderson)
4:00 pm - 4:45 pm Probing the Planets: Asteroids, NEAR, Messenger: Robert Farquhar; Orlando Figueroa (Andrew Johnston)
4:45 pm - 5:30 pm Mysterious Universe Michael Salamon; Eric Roston; Max Bernstein (Andrew Johnston)

Narrative Stage Schedule

6/27/2008 Exploration Stage
11:00 am - 11:45 am NASA Pioneers Donald Beattie; Jeff Rosendhal; Dan Mulville; Kathleen Spear (Sarah Andre)
11:45 am - 12:30 pm Future Missions Anthony Lavoie; Mitzi Adams; Lawrence Cooper (Priscilla Strain)
12:30 pm - 1:30 pm Astronaut Adventures Carl Walz; Tom Jones; Joe Frank Edwards (Stephanie Schierholz)
1:30 pm - 2:15 pm Mysterious Universe: Astrobiology Michael Meyer; John Rummel; Paul Hertz (James Garvin)
2:15 pm - 3:15 pm NASA and Popular Imagination: Documentary Films Duncan Copp; Bill Howard; Bert Ulrich (Cathleen Lewis)
3:15 pm - 4:00 pm Sun-Earth Connections ; Therese Kucera; Art Aikin; John Cooper (Ed Goldstein)
4:00 pm - 4:45 pm Astronaut Adventures Carl Walz; Tom Jones (Mike Curie)
4:45 pm - 5:30 pm International Space Station: Global Village Yevgeny Zvedre; Mark Uhran; Yoshinori Yoshimura; Graham Gibbs (Lynn Cline)

6/27/2008 Galaxy Stage
11:00 am - 11:45 am International Space Station: Exercise Health Ruthan Lewis; Carl Walz; Victor Schneider; Deanna Bredbrenner (Saralyn Mark)
11:45 am - 12:30 pm Building the Next Generation Air Transportation System Barry Scott; Yuri Gawdiak; Norma Lesser; Sabrina Saunders-Hodges (Al Feinberg)
12:30 pm - 1:30 pm NASA Pioneers Jeannie Kranz; Andy Aldrin; Gwen Griffin (Mike Curie)
1:30 pm - 2:15 pm NASA in Second Life: Erika Vick
2:15 pm - 3:15 pm LRO and LCROSS Jennifer Heldmann; Eric Holmes (Stephanie Stockman)
3:15 pm - 4:00 pm NASA and Popular Imagination: Space
Stamps, Toys, and Collectibles Rich Cooper; Bob Jacobs; Alan Ladwig (Ross Anderson)
4:00 pm - 4:45 pm Probing the Planets David Lavery; Marilyn Lindstom; Orlando Figueroa (Ross Anderson)
4:45 pm - 5:30 pm Mysterious Universe ; Brenda Franklin; Paul Hertz (Ed Goldstein)

Narrative Stage Schedule

6/28/2008 Exploration Stage

11:00 am - 11:45 am Staying Alive at the Edge of Space David Nils Larson; Jim Sokolik; James Ross (Mary Ann Harness)
11:45 am - 12:30 pm Space Shuttle: Launch and Recovery Jon Cowart; Janna Dake; Steve Sides (Brent Garry)
12:30 pm - 1:30 pm International Space Station: Phone Home Christine Chiodo; Heather Paul; Chad Rowe; James Schier (Brent Garry)
1:30 pm - 2:15 pm The Human Body in Space Marc Shepanek; Saralyn Mark; David Liskowsky; Victor Schneider (Ed Campion)
2:15 pm - 3:15 pm Mysterious Universe Michael Salamon (Jim Zimbelman)
3:15 pm - 4:00 pm Probing the Planets ; Shadan Ardalan (Jim Zimbelman)
4:00 pm - 4:45 pm The Rocket Boy Homer Hickam (Mike Green)
4:45 pm - 5:30 pm What on Earth? Louis Nguyen; Bill Saturo; Wayne Esaias

6/28/2008 Galaxy Stage

11:00 am - 11:45 am International Space Station: Human Biosphere Space Suites: Heather Paul; Ronald Woods; David Liskowsky; Peter Homer; Saralyn Mark (Diana N'Diaye)
11:45 am - 12:30 pm Rocket Scientists Carol Jacobs; Elvin Ahl; Charles Trepte; Harley Thronson (Nancy Groce)
12:30 pm - 1:30 pm Solid Rocket Booster Recovery Manuel Deleon; Dave Fraine; Sam Ortega (Teri Brewer)
1:30 pm - 2:15 pm Probing the Planets Shadan Ardalan; George Carruthers; Larry Nittler (Marjorie Hunt)
2:15 pm - 3:15 pm NASA Kids Jeannie Kranz; Andy Aldrin; Gwen Griffin (Alan Ladwig)
3:15 pm - 4:00 pm Space Shuttle: Launch and Recovery Jon Cowart; Dan Keenan; Christine Boykin; Steve Sides (Ed Goldstein)
4:00 pm - 4:45 pm Human-Robotic Interactions for Lunar Missions: Christopher Moore; Jitendra Joshi; Robert Howard (Brent Garry)
4:45 pm - 5:30 pm Staying Alive at the Edge of Space Jim Sokolik; David Nils Larson; James Ross (Teri Brewer)

Narrative Stage Schedule

6/29/2008 Exploration Stage
11:00 am - 11:45 am The Rocket Boy Homer Hickam (Mike Green)
11:45 am - 12:30 pm NASA Pioneers ; Jeannie Kranz; Andy Aldrin; Gwen Griffin (Ed Goldstein)
12:30 pm - 1:30 pm NASA and the Media Jennifer Collings; Beth Hagenauer (Bob Jacobs)
1:30 pm - 2:15 pm International Space Station: Heavenly Point of View - Earth Observations Gregory Byrne; Mike Trenchard; Glenn Farnsworth; Christine Boykin (Debbie Rivera)
2:15 pm - 3:15 pm Rocket Scientists Robert Bindschadler; Carol Jacobs; Sally Ann Little
3:15 pm - 4:00 pm Probing the Planets Peggy Motes; David Mohr (Mark Hess)
4:00 pm - 4:45 pm Astronaut Adventures Janna Dake; Richard DeLombard; David Lisokowsky (Mike Green)
4:45 pm - 5:30 pm Leading the Greening: Harness the Sun Patrick Buzzard; Bob Corrigan; Molly Brown (Ed Goldstein)

6/29/2008 Galaxy Stage
11:00 am - 11:45 am Space Shuttle: Bryon Maynard; Sally Ann Little (Betty Balanus)
11:45 am - 12:30 pm Mysterious Universe: Eli Bressert; Tuck Stebbins (Mark Hess)
12:30 pm - 1:30 pm What on Earth?: Compton Tucker; Joel Schafer (Diana N'Diaye)
1:30 pm - 2:15 pm The Human Body in Space: Ron Woods; John Allen; Deanna Bredbrenner (David Liskowsky)
2:15 pm - 3:15 pm Solid Rocket Booster Recovery: Manuel Deleon; Dave Fraine (Diana N'Diaye)
3:15 pm - 4:00 pm Rocket Scientists: Bryon Maynard; Jessica Wood; Elizabeth Messer (Debbie Rivera)
4:00 pm - 4:45 pm International Space Station - Phone Home: Chad Rowe; Ron Woods; Christine Chiodo; Steve Sides (Gregg Buckingham)
4:45 pm - 5:30 pm Wind Tunnel Testing at NASA: Tom Benson; Greg Gatlin (Tony Springer)

Narrative Stage Schedule

7/2/2008 Exploration Stage
11:00 am - 11:45 am NASA Pioneers Barbara Cohen; Bob Armstrong; Lori Garver (Allan Needell)
11:45 am - 12:30 pm Sun-Earth Connections Therese Errigo; Madhulika Guhathakurta; Joseph Davila; Elaine Lewis (David DeVorkin)
12:30 pm - 1:30 pm Astronaut Adventures Pierre Thuot; Patrick Forrester; Charlie Walker (Bob Craddock)
1:30 pm - 2:15 pm Probing the Planets ; Michael Meyer; Doug McCuiston; Adriana Ocampo (Jim Zimbelman)
2:15 pm - 3:15 pm Mysterious Universe Neil Gehrels; Mark Clampin (Bob Craddock)
3:15 pm - 4:00 pm NASA and Generation Y Rivers Lamb; Inge TenKate; Emilie Drobnes; Sara Mitchell (Kate Fishbaugh)
4:00 pm - 4:45 pm Astronaut Adventures Pierre Thuot; Patrick Forrester; William Readdy (Brent Garry)
4:45 pm - 5:30 pm Future Missions Brian Day; Michael Meyer (Brent Garry)

7/2/2008 Galaxy Stage
11:00 am - 11:45 am Technological Benefits for Society Jack Yadvish; Andy Petro; Bob Yang (Doug Comstock)
11:45 am - 12:30 pm Probing the Planets: Mars Phoenix Lander/MSL Michael Meyer; ; Ramon DePaula (Lynn Carter)
12:30 pm - 1:30 pm Future Missions Barbara Cohen; Brian Day; Bob Armstrong (Bruce Campbell)
1:30 pm - 2:15 pm What on Earth? Lin Chambers; Claire Parkinson; Steve Ackerman (James David)
2:15 pm - 3:15 pm NASA and Popular Imagination: Space Stamps, Toys, and Collectibles Rich Cooper; Bob Jacobs; Rob Pearlman (Valerie Neal)
3:15 pm - 4:00 pm Global NASA: International Cooperation Patrick Buzzard; Michael Zolensky; Debbie Trainor; Patrick Buzzard (Grey Hautaluoma)
4:00 pm - 4:45 pm Space Shuttle: Formula for Mission Success Robert Page; Steve Sides; Stuart McClung; Terry White (Ed Campion)
4:45 pm - 5:30 pm Rocket Scientists: Asteroids Barbara Cohen; Michael Zolensky; Mike Kelley (Grey Hautaluoma)

Narrative Stage Schedule

7/3/2008 Exploration Stage
11:00 am - 11:45 am Future Missions Stephen Cook; James Reuther; Rajiv Doreswamy (Grey Hautaluoma)
11:45 am - 12:30 pm Food in Remote Places Vickie Kloeris (Valerie Neal)
12:30 pm - 1:30 pm Astronaut Adventures Bryan O'Connor; Loren Shriver; Paul Lockart
1:30 pm - 2:15 pm NASA Pioneers Barbara Cohen; Bob Armstrong; Humberto Sanchez; Tony Cuticchia (Bruce Campbell)
2:15 pm - 3:15 pm New Media: Reaching a New Generation Keith Cowing; Howard Mortman; Glenn Reynolds (Bob Hopkins)
3:15 pm - 4:00 pm Probing the Planets: Mercury Kevin Grazier; Tom Waters (Lynn Carter)
4:00 pm - 4:45 pm Astronaut Adventures Bryan O'Connor; Loren Shriver; Paul Lockhart (Kate Fishbaugh)
4:45 pm - 5:30 pm Wind Tunnel Testing at NASA Tony Springer; Tom Benson (Bill Anderson)

7/3/2008 Galaxy Stage
11:00 am - 11:45 am Mysterious Universe Jennifer Wiseman; Marc Kuchner; Aki Roberge (Michael Neufeld)
11:45 am - 12:30 pm The Human Body in Space Marybeth Edeen; Debbie Trainor; John Allen; Victor Schneider (Roger Launius)
12:30 pm - 1:30 pm NASA Technological Benefits for Society Frank Sietzen; Daniel Lockney; Lisa Lockyer (Michael Neufeld)
1:30 pm - 2:15 pm NASA Pioneers Harriet Jenkins; Debbie Trainor (Roger Launius)
2:15 pm - 3:15 pm Space Shuttle: Hubble Team Christy Hansen; Michael J Meyer; Tobin Melroy; Stephanie Freier (Ed Campion)
3:15 pm - 4:00 pm Rocket Scientists Bryon Maynard; Todd Barber; Steve Ackerman (Debbie Rivera)
4:00 pm - 4:45 pm Bella Gaia: Seeing the Earth from Space Kenji Williams; Rob Simmon; Sayoko Williams; Shawkat Sayyad; Pam Moore (Ed Goldstein)
4:45 pm - 5:30 pm NASA in Second Life: Erika Vick

Narrative Stage Schedule

7/4/2008 Exploration Stage

11:00 am - 11:45 am Probing the Planets: Phoenix David Hurd; Kevin Grazier (Mark Hess)
11:45 am - 12:30 pm NASA Pioneers Barbara Cohen; Bob Armstrong; Humberto Sanchez (Ed Goldstein)
12:30 pm - 1:30 pm Why We Explore Chris Scolese; Roger Launius; Harley Thronson (Mike Green)
1:30 pm - 2:15 pm What on Earth? Lin Chambers; Molly Brown; Steve Ackerman; Steven Platnick (Mark Hess)
2:15 pm - 3:15 pm Astronaut Adventures Sunita Williams; Tom Jones; Loren Shriver (Mike Green)
3:15 pm - 4:00 pm Robotics Kids (George Tahu)
4:00 pm - 4:45 pm Astronaut Adventures Sunita Williams; Tom Jones; Charlie Walker
4:45 pm - 5:30 pm NASA and Popular Imagination: Authors Kevin Grazier; James Schultz; Eric Roston (Cathleen Lewis)

7/4/2008 Galaxy Stage

11:00 am - 11:45 am Space Shuttle: Human Biosphere Sabrina Singh; Ronald Woods; John Allen; Peter Homer (Valerie Neal)
11:45 am - 12:30 pm Bella Gaia: Seeing the Earth from Space Kenji Williams; Steve Platnick; Sayoko Williams; Shawkat Sayyad; Pam Moore (Diana N'Diaye)
12:30 pm - 1:30 pm International Space Station: Phone Home Stephen Hunter; Ron Woods; Matthew Ritsko; Sunita Williams (Beth Beck)
1:30 pm - 2:15 pm Bella Gaia: Seeing the Earth from Space Kenji Williams; Sayoko Williams; Shawkat Sayyad; Pam Moore (Diana N'Diaye)
2:15 pm - 3:15 pm Space Shuttle: Hubble Team Christy Hansen; Michael J Meyer; Tobin Melroy; Stephanie Freier
3:15 pm - 4:00 pm NASA and Popular Imagination: Arts James Dean; Chakaia Booker; Mary Edna Fraser (Bert Ulrich)
4:00 pm - 4:45 pm Human Challenges for Space Exploration Chuck Lloyd; Lisa Neasbitt; Jitendra Joshi (Claudia Tijillo)
4:45 pm - 5:30 pm Probing the Planets Daniel Hurley; Todd Barber (Mark Hess)

Narrative Stage Schedule

7/5/2008 Exploration Stage

11:00 am - 11:45 am Future Missions Patrick Buzzard; Michael Zolensky; Bryon Maynard
11:45 am - 12:30 pm International Solar Year Barbara Thompson
12:30 pm - 1:30 pm Astronaut Adventures Charlie Walker; Loren Shriver; Sunita Williams (Jim Zimbelman)
1:30 pm - 2:15 pm Mysterious Universe Patricia Boyd; Alan Smale; Barry Mahaffey; John Meyer; Deb Nixon; Karen Smale (David DeVorkin)
2:15 pm - 3:15 pm NASA Pioneers Jack Warren; Debbie Trainor; Nancy Roman; Jeff Hamilton (Ed Goldstein)
3:15 pm - 4:00 pm ISS: Green Living Marybeth Edeen; Penni Dalton; Vickie Kloeris; Sunni Williams
4:00 pm - 4:45 pm Astronaut Adventures Sunita Williams; Loren Shriver (Al Feinberg)
4:45 pm - 5:30 pm Staying Alive at the Edge of Space Jim Sokolik; Carrie Rhoades (Tony Springer)

7/5/2008 Galaxy Stage

11:00 am - 11:45 am NASA Pioneers Nancy Roman; George Carruthers; Jeff Hamilton (Ed Goldstein)
11:45 am - 12:30 pm Space Shuttle: Keeping it Safe Sarah Cox; Joseph Lavelle; Steve Sides; Robert Page
12:30 pm - 1:30 pm Women in NASA Culture Sally Ann Little; Izella Dornell; Sally Davis (Diana N'Diaye)
1:30 pm - 2:15 pm Astronomy for All David Hurd; Robin Hurd (Betty Blanus)
2:15 pm - 3:15 pm Bella Gaia: Seeing the Earth from Space Kenji Williams; Rob Simmon; Sayoko Williams; Shawkat Sayyad; Pam Moore (Jim Zimbelman)
3:15 pm - 4:00 pm Space Shuttle: Hubble Team Christy Hansen; Michael J Meyer; Tobin Melroy; Stephanie Freier
7 4:00 pm - 4:45 pm Boots from Remote Places: NASA and Bhutan: Sabrina Singh; Bhutanese Monks
4:45 pm - 5:30 pm Bella Gaia: Seeing the Earth from Space Kenji Williams; Rob Simmon; Sayoko Williams; Shawkat Sayyad; Pam Moore (Steve Cole)

Narrative Stage Schedule

7/6/2008 Exploration Stage
11:00 am - 11:45 am NASA Pioneers Jack Warren; Debbie Trainor; Bob Armstrong; Jeff Hamilton
11:45 am - 12:30 pm What on Earth? Lin Chambers; Molly Brown; Compton Tucker
12:30 pm - 1:30 pm Astronaut Adventures Charlie Walker; Loren Shriver (Mike Green)
1:30 pm - 2:15 pm Probing the Planets Kevin Grazier; Daniel Hurley; Todd Barber (Debbie Rivera)
2:15 pm - 3:15 pm NASA Technological Benefits for Society Frank Sietzen; Greg Poteat; Sheri Beam (Kathy Needham)
3:15 pm - 4:00 pm Space Shuttle: Human Biosphere Sabrina Singh; Ronald Woods
4:00 pm - 4:45 pm Astronaut Adventures Sunita Williams; Loren Shriver; Bhutanese Astronomer (Mike Green)
4:45 pm - 5:30 pm Mysterious Universe Sten Odenwald; Beth Brown (David DeVorkin)

7/6/2008 Galaxy Stage
11:00 am - 11:45 am Mysterious Universe Sten Odenwald; Harley Thronson ; Beth Brown; Marty Weiskopf (Claudia Tijillo)
11:45 am - 12:30 pm Flying Backseat as a Flight Test Engineer Carrie Rhoades; Jim Sokolik (Tony Springer)
12:30 pm - 1:30 pm Bella Gaia: Seeing the Earth from Space Kenji Williams ; Robert Cahalan; Sayoko Williams; Shawkat Sayyad; Pam Moore
1:30 pm - 2:15 pm NASA in Second Life: Erika Vick
2:15 pm - 3:15 pm Future Missions John Cooper (Michael Neufeld)
3:15 pm - 4:00 pm Space Shuttle: Hubble Team Christy Hansen; Michael J. Meyer; Tobin Melroy; Stephanie Freier (Debbie Rivera)
4:00 pm - 4:45 pm Bella Gaia: Seeing the Earth from Space Kenji Williams; Robert Cahalan; Sayoko Williams; Shawkat Sayyad; Pam Moore
4:45 pm - 5:30 pm Probing the Planets Daniel Hurley; John Cooper; Todd Barber (Ed Goldstein)

Appendix F – NASA Participants and Staffers

1	Abad-Manterola	Pablo	JPL
2	Abell	Jim	GSFC
3	Ackerman	Steven	University of WI
4	Adams	Mitzi	MSFC
5	Ahl	Elvin	LaRC
6	Ahmed	Mansoor	GSFC
7	Aikin	Arthur	GSFC
8	Akin	Dave	Univ of MD
9	Aldrin	Andy	Pioneers' Children Panel
10	Alford	Robin	HQ OCP
11	Allen	Blair	LaRC
12	Allen	John	HQ SOMD
13	Allen	Jeannie	GSFC
14	Allison	Keiara	Huntsville Ctr for Tech
15	Anderson	Bill	HQ Education
16	Anderson	Ross	NASM
17	Anderson	Susan	Girl Scouts Panel Moderator
18	Andre	Sarah	NASM
19	Ankerman	Fritz	GSFC
20	Antiochos	Spiro	GSFC
21	Arcand	Kimberly Kowal	SAO
22	Ardalan	Shadan	JPL
23	Armstrong	Bob	MSFC
24	Artis	Stanley	HQ Printing
25	Arvidson	Terry	GSFC
26	Asplund	Shari	JPL
27	Axdahl	Erik	LaRC
28	Bagdigian	Robert	MSFC
29	Bailey	Sheila	GRC
30	Baker	Joanne	GSFC
31	Balanus	Betty	Space Shuttle Moderator
32	Balke	David	SAO
33	Band	David	GSFC
34	Banks	Bruce	GRC
35	Barber	Todd	JPL
36	Barker	Ryan	GSFC
37	Barnes	Dustin	HQ Printing (MSFC)
38	Barsi	Julia	GSFC
39	Bartel	Eva	DFRC
40	Bastien	Ron	JSC
41	Baumgartner	Wayne	GSFC
42	Beach	Adam	HQ SOMD
43	Beam	Sherilee	LaRC
44	Beard	Ronald	LaRC
45	Beattie	Donald	
46	Beck	Sara	JSC
47	Beck	Beth	HQ SOMD
48	Beckman	Sean	GRC
49	Beikman	Steve	SAO

50	Beisser	Kerri	APL
51	Beggs	Claudette	KSC
52	Bell	Rose	Huntsville Ctr for Tech
53	Benford	Dominic	GSFC
54	Benson	Thomas	GRC
55	Bensusen	Sally	GSFC
56	Bernstein	Max	ARC
57	Berrios	Luis	KSC
58	Betrue	Rosalie	
59	Beyer	David	MSFC
60	Bilbo	Sallie	SSC
61	Bindschadler	Robert	GSFC
62	Bissell	Bradley	
63	Bleacher	Jacob	GSFC
64	Bleacher	Lora	GSFC
65	Bolar	Kelly	SSC
66	Bonnell	Jerry	GSFC
67	Booker	Chakaia	
68	Bossinas	Leslie	
69	Botov	Ivan	Herndon High School
70	Bounoua	Lahouari	GSFC
71	Boyd	Patricia	GSFC
72	Boykin	Christine	JSC
73	Bradford	Durlean	MSFC
74	Bredbenner	Deanna	JSC
75	Brehm	Glenn	LaRC
76	Bressert	Eli	SAO
77	Brewer	Teri	SRB Recovery Moderator
78	Brimm	John	SSC
79	Brogan	Jennifer	JSC
80	Brooks	Dawn	HQ SOMD
81	Brooks	Stacey	HQ OLA
82	Brown	Beth	GSFC
83	Brown	Corderis	SSC
84	Brown	Molly	GSFC
85	Brown	Ray	HQ Printing
86	Brown De Colstoun	Eric	GSFC
87	Broyan	James	JSC
88	Bryan	Thomas	MSFC
89	Byrne	Gregory	JSC
90	Bryant	Richard	LaRC
91	Buck	Josh	HQ OLIA
92	Buckingham	Gregg	KSC
93	Burns	Thomas	LaRC
94	Butcher	Ginger	HQ
95	Buswell	Joyce	GSFC
96	Buzzard	Patrick	JSC
97	Byrne	Gregory	JSC
98	Cabbage	Michael	HQ PAO
99	Cadaval	Olivia	Mysterious Universe Moderator
100	Cahalan	Robert	GSFC

101	Campbell	Bruce	NASM Moderator
102	Campbell	Brian	GSFC
103	Campbell	Roy	HQ ODIN
104	Camperchioli	William	GRC
105	Campion	Ed	GSFC
106	Canizzo	John	GSFC
107	Cannon	Todd	MSFC
108	Carignan	Craig	GSFC
109	Carlson	William	LaRC/Penn State AESP
110	Carpenter	Ken	GSFC
111	Carrasquillo	Robyn	MSFC
112	Carruthers	George	
113	Carter	Brooke	GSFC
114	Carter	James	KSC
115	Carter	Lynn	NASM Moderator
116	Carter-Kane	Gail	HQ
117	Ceruzzi	Paul	NASM Moderator
118	Chabot	Nancy	JPL APL
119	Chamberland	Dennis	KSC
120	Chamber	Mike	HQ
121	Chambers	Lin	LaRC
122	Chandler	Lynn	GSFC
123	Chapelle	Emmet	
124	Chappell	Jon	SAO
125	Chaput	Joseph	
126	Cheuvront	Allan	JPL
127	Chiodo	Christine	JSC
128	Chrissotimos	Chris	GSFC
129	Christian	Eric	GSFC
130	Ciallis	Analia	GSFC
131	Clark	Greg	Mad Science
132	Clark	Pam	GSFC
133	Clampin	Mark	GSFC
134	Clary	Twana	HQ
135	Clement	Elliott	KSC
136	Cline	Lynn	HQ SOMD
137	Cline	Troy	GSFC
138	Clopper	Tara	GSFC
139	Cohen	Barbara	MSFC
140	Cole	John	MSFC
141	Cole	Steve	HQ - Mars Phoenix Moderator
142	Coleman	Tiara	LaRC
143	Collings	Jennifer	LaRC
144	Collins	Ann	
145	Collins	Rory	LaRC
146	Collins	Martin	NASM
147	Collings	Jennifer	LaRC
148	Comstock	Doug	HQ IPP
149	Comtois	Chris	Herndon High School
150	Conaty	Carmel	GSFC
151	Conley	Kayla	Huntsville Ctr for Tech

152	Conti	Alberto	GSFC
153	Conway	Brenda	GSFC
154	Cook	Stephen	MSFC
155	Coppenbarger	Rich	ARC
156	Cooper	John	GSFC
157	Cooper	Lawrence	LaRC
158	Cooper	Rich	
159	Copp	Duncan	DOX/Freelance Producer
160	Cordova	Cecilia	DFRC
161	Cork	Leslee	GSFC
162	Cornett	Bob	GSFC
163	Corrigan	Bob	GRC
164	Covington	Pam	SSC
165	Cowart	Jon	KSC
166	Cowing	Keith	New Media Panel
167	Cox	Sarah	
168	Craddock	Bob	NASM
169	Craft	Kiley	DFRC
170	Creasy	Susan	JSC
171	Creilson	Jack	LaRC
172	Crittenden	Lucille	LaRC
173	Crnkovic	Michael	HQ Printing
174	Culivan	Stephen	SSC
175	Cullen	Patrick	Robotics
176	Curie	Mike	HQ PAO
177	Cuticchia	Tony	NASA Pioneers Panel
178	Dake	Janna	JSC
179	Dale	Shana	HQ
180	Dalton	Penni	GRC
181	David	James	NASM
182	Davila	Joseph	GSFC
183	Davis	Amanda	SSC
184	Davis	Anita	GSFC
185	Davis	Jan	Jacobs
186	Davis	Patricia	LaRC
187	Davis	Sally	JSC
188	Davis	Stephan	MSFC
189	Day	Brian	ARC
190	Dean	Bruce	GSFC
191	Dean	James	JSC
192	Decker	John	GSFC
193	Defelice	David	GRC
194	Deleon	Manny	
195	DelMonte	David	
196	DeLombard	Richard	GRC
197	Denkins	Todd	LaRC
198	DePaula	Rampon	Mars Phoenix Panel
199	Dermett	Kevin	GSFC
200	Desai	Prasun	LaRC
201	Deutsch	Susan	GSFC
202	DeVorkin	David	NASM

203	Deyarmin	Mindy	GSFC
204	Diaz	Charles	GSFC
205	Dick	Steven	HQ History
206	Dillow	Barrett	Univ of MD
207	DiPasquale	Roberta	LaRC
208	Doan	Tuan	KSC
209	Dockery	Wanda	HQ SOMD
210	Dominguez	Margaret	GSFC
211	Doreswamy	Rajiv	MSFC
212	Doria-Warner	Cris	GSFC
213	Dornell	Izella	JSC
214	Doughty	Franklin	GSFC
215	Drobnes	Emilie	GSFC
216	DuBois	Josh	JSC
217	Duffy	Brian	JSC
218	Dukemineer	Joy	Huntsville Ctr for Tech
220	Dussault	Mary	SAO
221	Eagan	Chris	SAO
222	Eck	Thomas	GSFC
223	Edeen	Marybeth	JSC
224	Edlund	Jeffrey	JPL
225	Edmonds	Julie	GSFC
226	Edmondson	Justin	GSFC
227	Edwards	David	MSFC
228	Edwards	Joe Frank	Former astronaut
229	Effinger	Michael	MSFC
230	Ellis	Johnny	LaRC
231	Ellsbury	Andrew	GSFC
232	Emmett	Joan	GRC
233	Enright	Nicky	Big Hands Murals
234	Erickson	Kristen	HQ OCP
235	Errigo	Therese	GSFC
236	Esaias	Wayne	GSFC
237	Estapa	Tammy	SSC
238	Estill	Thomas	GSFC
239	Eubank	Caitlin	GSFC
240	Evans	Cindy	JSC
241	Evans	Larry	GSFC
242	Everett	Robert	GRC
243	Eyermann	Sarah	GSFC
244	Fairfield	Donald	GSFC
245	Farnsworth	Glenn	LaRC
246	Farquhar	Robert	APL
247	Feinberg	Al	HQ PAO
248	Ferebee	Michelle	LaRC
249	Ferguson	Dale	MSFC
250	Ferrell	Trena	GSFC
251	Figueroa	Orlando	GSFC
252	Fischer	Richard	MSFC
253	Fishbaugh	Kate	NASM Moderator
254	Fishman	Jack	LaRC

255	Fisher	Bruce	NASA Pioneers Panel
256	Fitzgerald	Franklin	LaRC
257	Fletcher	Lisa	JSC
258	Fogel	Bobby	Mars Phoenix Panel
259	Ford	Darryl	MSFC
260	Forrester	Patrick	JSC
261	Fortenberry	Brianna	SSC
262	Fortenberry	Britton	SSC
263	Fraine	Dave	
264	Franklin	Brenda	JPL
265	Franks	Shannon	GSFC
266	Fraser	Mary Edna	
267	Freier	Stephanie	JSC
268	Fretter	Ernest	ARC
269	Friedensen	Victoria	HQ ESMD
270	Frierson	Megan	SC
271	Frost	Jim	GSFC
272	Fullwood	Elycia Dynae	LaRC
273	Gagliano	Larry	MSFC
274	Galindo	Charles	JSC
275	Garay	Lollie	GSFC
276	Garber	Stephen	HQ History
277	Garcia	Mike	SAO
278	Gardner	Jon	GSFC
279	Garrison	Daniel	JSC
280	Garry	Brent	NASM Moderator
281	Garver	Lori	
282	Garvin	James	GSFC
283	Gatlin	Gregory	LaRC
284	Gause	Donita Elaine	LaRC
285	Gavriil	Fotis	GSFC
286	Gawdiak	Yuri	HQ
287	Gehrels	Cornelis	GSFC
288	Geithner	Paul	GSFC
289	Gerstenmaier	William	HQ SOMD
290	Gibbs	Graham	CSA
291	Giersch	Christopher	LaRC
292	Gilbert	Holly	GSFC
293	Gilbert	Paul	MSFC
294	Giles	David	GSFC
295	Gilman	Ivelisse	LaRC
296	Girard	Scott	Hamilton Sunstrand
297	Gland	Joseph	Robotics
298	Glaus-Late	Kimberly	JSC
299	Goldstein	Ed	HQ PAO
300	Golliher	Eric	GRC
301	Gonzales	Edward	JPL
302	Golden	Graham	SSC
303	Goodman	Gloria	GSFC
304	Gopalswamy	Nat	GSFC
305	Graham	Steve	GSFC

306	Gran	Rani	GSFC
307	Grant	John	NASM
308	Grantham	Gregory	KSC
309	Grazier	Kevin	JPL
310	Green	Mike	HQ OCP
311	Griffin	Gwen	Pioneers' Children Panel
312	Grigsby	Donner	LaRC
313	Griswold	Britt	GSFC
314	Groce	Nancy	Rocket Scientists Moderator
315	Grocholski	Aaron	GSFC
316	Grossman	Joel	Robotics
317	Guhathakurta	Madhulika	HQ
318	Guilbeau	Cheryl	MSFC
319	Gunn	Christopher	GSFC
320	Haakenson	David	LaRC
321	Haas	Pat	GSFC
322	Haberlan	Chris	Robotics
323	Haddad	George	KSC
324	Hadhette	Dan	Robotics
325	Haffker	Colene	GSFC
326	Hagenauer	Beth	DRFC
327	Hagler	Juan	HQ
328	Hailey	Michelle	
329	Hale	Wayne	JSC
330	Haley	Michelle	
331	Hall	Nancy Rabel	GRC
332	Hamilton	Jeff	MSFC
333	Hansen	Christy	JSC
334	Harness	Mary Ann	DFRC
335	Harrington	James	HQ
336	Harrington	Roger	JSC
337	Harrus	Ilana	GSFC
338	Harry	Alexis	SSC
339	Hartman	Daniel	JSC
340	Hartman	Jerry	HQ ESMD
341	Hasan	Hashima	HQ SMD
342	Hawes	Mike	HQ SOMD
343	Hayes	Jeff	GSFC
344	Hayes	Jeffrey	HQ SMD
345	Hayes	Judith	JSC
346	Hayhurst	Jack	JSC
347	Haynes	John	HQ
348	Hebert	Bartt	SSC
349	Hefner	Keith	MSFC
350	Heldmann	Jennifer	ARC
351	Henderson	Maurice	GSFC
352	Henry	Keith	LaRC
353	Hendrix	Kristina	MSFC
354	Herrington	John	Rocketplane Ltd, Inc.
355	Hess	Mark	GSFC
356	Hertz	Paul	HQ SMD

357	Hickam	Homer	Retiree; Author
358	Hicks	Randall	SSC
359	Hill	Bill	HQ
360	Hill	Joe	GSFC
361	Hill	Steele	GSFC
362	Hinshaw	Dean	GSFC
363	Holben	Brent	GSFC
364	Holforty	Wendy	ARC
365	Holm	Jeanne	HQ
366	Holmes	Bruce	
367	Holmes	Eric	LRO/LCROSS Panel
368	Homer	Peter	Flagsuit LLC
369	Hopkins	Robert	NASA OCP
370	Hood	David	MSFC
371	Horner	Don	GSFC
372	Howard	Bill	
373	Howard	Robert	JSC
374	Hubbard	Mark	GSFC
375	Hubbs	Judy	GSUSA
376	Huebner	Lawrence	MSFC
377	Hull	Jim	HQ OCP
378	Humberson	Winnie	GSFC
379	Hunt	Margorie	Probing the Planets Moderator
380	Hunter	Stephen	JSC
381	Hurd	David	Edinboro Univ of PA
382	Hurd	Robin	
383	Hurford	Terry	GSFC
384	Hurley	Daniel	JPL
385	Husain	Ali	GSFC
386	Imhoff	Marc	GSFC
387	Immler	Stefan	GSFC
388	Irish	Richard	GSFC
389	Irish	Sandra	GSFC
390	Irons	James	GSFC
391	Jacobs	Bob	HQ PAO
392	Jacobs	Carol	MSFC
393	Jacobs	Shane	Univ of MD
394	Jadvisch	Jack	
395	James	Nate	GSFC
396	Jang-Condell	Hannah	GSFC
397	Jaramillo	Becky	LaRC
398	Jenkins	Ann	GSFC
399	Jenkins	Harriet	HQ - retired
400	Jentoft-Nilsen	Marit	GSFC
401	Johnson	Christyl	HQ
402	Johnson	Lindley	HQ SMD
403	Johnston	Andrew	NASM
404	Jones	Dwight	HQ ODIN
405	Jones	Frank	LaRC
406	Jones	Jeffrey	LaRC
407	Jones	Michelle	GSFC

408	Jones	Tom D.	NASA
409	Joshi	Jitendra	HQ
410	Kaita	Edward	GSFC
411	Kascak	Anne	JSC
412	Kashif	Jeannine	GSFC
413	Kazanter	Meryem	DFRC
414	Kearns	Joel	HQ
415	Keenan	Daniel Scott	KSC
416	Kelleher	Lisa	GSFC
417	Kelley	Mike	HQ SMD
418	Kemmerly	Guy	LaRC
419	Kerrigan	Kathleen	GRC
420	Killen	Rosemary	GSFC
421	Kilpatrick	Alison	Presenter
422	Kim	Eun	Gannett News Service
423	Kinard	William	LaRC
424	Kirchner	Casey	SSC
425	Kirk	Madeline	Univ of MD
426	Kisling	Chasity	GSFC
427	Kitmacher	Gary	JSC
428	Kloeris	Vickie	JSC
429	Koehler	Bob	GSFC
430	Kohls	Kenneth	SAO
431	Kopardekar	Parimal	ARC
432	Kranz	Jeannie	KSC
433	Krimm	Hans	GSFC
434	Krishnamurthi	Anita	GSFC
435	Kubalak	David	GSFC
436	Kucera	Therese	GSFC
437	Kuchner	Marc	GSFC
438	Kynard	Kathryn	MSFC
439	Kynard	Michael	MSFC
440	Ladd	Irene	LaRC
441	Ladwig	Alan	
442	Lai	Oiki	JSC
443	Lamb	Rivers	GSFC
444	Lambros	Scott	GSFC
445	Langan	Kevin	LaRC
446	Langevin	Gail	LaRC
447	Launius	Roger	NASM
448	Lapionak	Tatsiana	GSFC
449	Larson	David Nils	DFRC
450	Laughlin	Daniel	GSFC
451	Lavelle	Joseph	ARC
452	Lavery	Dave	HQ SMD
453	Lavoie	Anthony	MSFC
454	Lawrence	Herbert	GRC
455	Leary	Warren	Media Panel
456	Leavitt	Anthony	ARC
457	Leck	Renee	HQ SMD
458	Leckrone	Dave	GSFC

459	Leete	Steve	GSFC
460	Lesser	Norma	FAA
461	Lestition	Kathleen	SAO
462	Levasseur	Jennifer	NASM
463	Levay	Karen	GSFC
464	Levay	Zolt	GSFC
465	Levine	Joel	LaRC
466	Levitt	Paul	SAO
467	Levy	Raviv	GSFC
468	Lewandowski	Craig	HQ
469	Lewis	Elaine	GSFC
470	Lewis	Cathleen	SI Hirshhorn
471	Lewis	Laura	ARC
472	Lewis	Ruthan	GSFC
473	Lighthall	Rick	MSFC
474	Lighthill	Steve	DFRC
475	Lind	Rocky	HQ ESMD
476	Lindsey	Mark	ODIN
477	Lindstom	Marilyn	HQ
478	Lipionak	Tatshana	GSFC
479	Liskowsky	David	HQ
480	Little	Sally Ann	MSFC
481	Liu	Wei	HQ SMD
482	Livas	Jeff	GSFC
483	Livengood	Tim	GSFC
484	Lloyd	Charles	JSC
485	Lochner	James	GSFC
486	Lockhart	Paul	Astronaut
487	Lockney	Daniel	LaRC IPP
488	Lockyer	Lisa	ARC
489	Loerch	Linda	JSC
490	Loflen	Daniel	
491	Lohr	Colette	JPL
492	Long	Douglas	GSFC
493	Lorentz	Katherine	LaRC
494	Losey	Lori	DFRC
495	Lott	Maria	SSC
496	Lowes	Leslie	
497	Lucas	Ray	GSFC
498	Lulla	Kamlesh	JSC
499	Lundquist	Ray	GSFC
500	Lunsford	Benny	LaRC
501	Ma	Pete	GSFC
502	Mace	Patricia	
503	Mahaffey	Barry	GSFC
504	Maher	Peggy	GSFC
505	Malanoski	Mark	GSFC
506	Mallama	Tony	GSFC
507	Manall	Jean	GSFC
508	Mannion	James	GSFC
509	Mark	Saralyn	Human Body in Space Panel

510	Markham	Brian	GSFC
511	Markwardt	Craig	GSFC
512	Marino	Barbara	SSC
513	Marsh	Jimmy	GSFC
514	Martinez	Debbie	LaRC
515	Mason	Adam	Limestone Co Career Technical Ctr
516	Matienzo	Jose	MSFC
517	Matthews	Collin	St. Thomas More HS
518	Matthews	Mark	Orlando Sentinel
519	Matthews-Schmidt	Linda	JSC
520	Mau	Johnny	LaRC
521	Maule	Jake	Carnegie Institution of Washington
522	Maynard	Bryon	SSC
523	Mayo	Lou	GSFC
524	McBryon	Kate	GSFC
525	McClain	Bonnie	GSFC
526	McClung	Stuart	JSC
527	McConnell	Stephen	HQ
528	McConnochie	Tim	GSFC
529	McCuiston	Doug	HQ
530	McEnery	Julie	GSFC
531	McLean	Debbi	GSFC
532	McMahan	Tracy	MSFC
533	Melroy	Tobin	JSC
534	Menzel	Mike	GSFC
535	Meredith	Barry	LaRC
536	Merkle	Jay	FAA
537	Messer	Bradley	SSC
538	Messer	Elizabeth	SSC
539	Meyer	John	
540	Meyer	Michael A.	HQ SMD
541	Meyer	Michael J.	JSC
542	Meyer	Aimee	JPL
543	Mihalka	Kristen	GSFC
544	Miklus	Nicole	GSFC
545	Miller	Cheri	SSC
546	Miller	Cindy	HQ
547	Miller	Sharon	GRC
548	Milligan	Ryan	GSFC
549	Miner	Gilda	LaRC
550	Mirvis	Adam	Univ of MD
551	Mitchell	Brian	MSFC
552	Mitchell	James	GSFC
553	Mitchell	Sara	GSFC
554	Mize	Ron	MSFC
555	Mogford	Leslye	ARC
556	Mohr	David	JPL
558	Money	Richard	MSFC
559	Moore	Chris	HQ
560	Moore	Pam	Bella Gaia Panel
561	Moore	Tom	GSFC

562	Moran	Danielle	MSFC
563	Morisette	Jeff	GSFC
564	Morring	Frank	Aviation Week
565	Morisette	Jeff	GSFC
566	Morrison	Donald	LaRC
567	Morrow	Tom	JSC
568	Mortman	Howard	New Media Panel
569	Mosie	Andrea	JSC
570	Motes	Peggy	JPL
571	Mouawad	Nelly	GSFC
572	Mulville	Dan	NASA Pioneers Panel
573	Murphy-Morris	Jeanine	GSFC
574	Murray	John	LaRC
575	Myers	Dawn	GSFC
576	Myers	Eric	HQ
577	N'Diaye	Diana	ISS Biosphere Moderator
578	Naden	Renee	
579	Nail	Tiffany	KSC
580	Nakamura	Keiko	JSC
581	Nance	Candice	ARC
582	Neal	Valerie	NASM Moderator
583	Neasbitt	Lisa	JSC
584	Needel	Fred	GSFC
585	Needel	Robyn	GSFC
586	Needell	Allan	NASM
587	Needham	Kathleen	GRC
588	Netting	Ruth	HQ SMD
589	Neufeld	Michael	NASM
590	Nickeson	Jaime	GSFC
591	Niedner	Mal	GSFC
592	Nightingale	Joanne	GSFC
593	Nittler	Larry	Probing the Planets Panel
594	Nixon	Deb	GSFC
595	Ng	Carolyn	GSFC
596	Nguyen	Louis	LaRC
597	Nguyen	Tam	JPL
598	Nittler	Larry	GSFC
599	Noble	Sara	GSFC
600	Noel	Deborah	SSC
601	Normandy	Nora	HQ OCP
602	Norris	Ryan	GSFC
603	Novak	Frank	LaRC
604	Nunez	Diana	SSC
605	Obregón	Rosa	SSC
606	O'Brien	Maureen	HQ OCP
607	Ocampo	Adriana	Probing the Planets Panel
608	O'Conner	Ed	MSFC Hamilton Sundstrand
609	O'Connor	Bryan	HQ
610	Odenwald	Sten	GSFC
611	Oliver	Wesley	SSC
612	Ortega	Sam	MSFC

613	Overly	James	SAO
614	Oziomek	Thomas	JSC
615	Pace	Scott	HQ
616	Page	Robert	KSC
617	Paquin	Kelsey	GSFC
618	Pariat	Etienne	GSFC
619	Parker	Louis	JSC
620	Parkinson	Claire	GSFC
621	Parrish	Keith	GSFC
622	Parsons	Ann	GSFC
623	Paul	Heather	JSC
624	Pearlman	Rob	Popular Imagination Panel
625	Pearson	Sabrina	MSFC
626	Pendexter	Misty	SAO
627	Perchonok	Michele	JSC
628	Pereira	Divya	GSFC
629	Perry	Jim	GSFC
630	Perrygo	Chuck	GSFC
631	Pesnell	W. Dean	GSFC
632	Peterson	Christine	HQ OCP
633	Petro	Andy	KSC
634	Ptero	Noah	GSFC
635	Pevtsov	Alexei	HQ SMD
636	Phares	Bobby	SSC
637	Pickering	Karen	JSC
638	Pierce	Kirk	MSFC
639	Pippin	Margaret	LaRC
640	Platnick	Steven	GSFC
641	Pohly	Jacqueline	Huntsville Ctr for Tech
642	Ponton	Colleen	GSFC
643	Popelar	Anthony	DFRC
644	Poteat	Gregory	NASA
645	Powell	Ben	SSC
646	Powell	Christine	SSC
647	Powers	Tom	HQ Printing
648	Prempeh	Joe	HQ
649	Preston	William	ARC
650	Prevot	Thomas	ARC
651	Prey	Barbara Ernst	
652	Pugel	Betsy	GSFC
653	Purucker	Michael	GSFC
654	Quinn	Marty	
655	Rainer	David	KSC
656	Raiszadeh	Behzad	LaRC
657	Rapley	Michael	JSC
658	Rawlings	Patrick	SAIC
659	Readdy	William	HQ SOMD
660	Reed	Ben	GSFC
661	Reehorst	Sandy	GRC
662	Rehrer	Brian	JSC
663	Reightler	Ken	

664	Reisman	Ron	ARC
665	Reuther	James	ARC
666	Reynolds	Glenn	New Media Panel
667	Rhoades	Carrie	DFRC
668	Riebeek	Holli	GSFC
669	Riley	Marion	GSFC
670	Ristvey	John	JPL
671	Rivera	Debbie	HQ OCP
672	Roberge	Aki	GSFC
673	Robinson	Keith	MSFC
674	Robinson	Kimberly	MSFC
675	Rocchio	Laura	GSFC
676	Rodriguez	Melissa	JSC
677	Rodriguez	Ricardo	MSFC
678	Rodriguez / Lucas	Teresa	MSFC
679	Rolston	Eric	
680	Roman	Jose	MSFC
681	Roman	Monserrate	MSFC
682	Roman	Nancy	
683	Rosenberg	Carla	HQ SOMD
684	Rosendhal	Jeffrey	
685	Ross	Howard	GRC
686	Ross	James	DFRC
687	Ross-Nazzal	Jennifer	JSC
688	Roston	Eric	
689	Rowan	Tammy	MSFC
690	Rowe	Chad	HQ
691	Ruitberg	Ed	GSFC
692	Rummel	John	HQ
693	Saettel	William	GRC
694	Sabatino	Rick	GSFC
695	Sakamoto	Taka	GSFC
696	Salamon	Michael	HQ SMD
697	Salandy	Tiesha	Huntsville Ctr for Tech
698	Salazar	Dina	ARC
699	Sanchez	Humberto	JSC
700	Satterwhite	Cecilia	JSC
701	Saturno	William	MSFC
702	Saunders-Hodges	Sabrina	NextGen Air Trans Panel
703	Sayyad	Shawkat	Bella Gaia Panel
704	Scallion	William	LaRC
705	Schaeberle	Steve	HQ
706	Schafer	Joel	GSFC
707	Schell	Robert	GSFC
708	Schier	James	ISS Phone Home Panel
709	Schierholz	Stephani	Astronaut Adven Moderator
710	Schiff	Amanda	HQ
711	Schmaltz	Jeffrey	GSFC
712	Schmitz	Gregory	GRC
713	Schneider	Twila	MSFC
714	Schneider	Victor	HQ

715	Schrader	Chris	GSFC
716	Schultz	James	
717	Schwarz	Carol	JSC
718	Scolese	Chris	HQ
719	Scott	Barry	NextGen Air Trans Panel
720	Scully	Amy	GSFC
721	See	Thomas	JSC
722	Seitzen	Frank	space.com
723	Sengupta	Ratna	GSFC
724	Shafa	Vincent	JSC
725	Sharp	Jason	HQ PAO
726	Shepanek	Marc	HQ
727	Sherbert	Lisa	GSFC
728	Sheredy	William	GRC
729	Shipp	Stephanie	LPI
730	Shoemate	Jason	MSFC
731	Shrader	Chris	GSFC
732	Shriver	Loren	KSC
733	Sibeck	David	GSFC
734	Siddiqui	Mohamad	HQ Printing
735	Sides	Steve	JSC
736	Sietzen	Frank	
737	Simmon	Robert	GSFC
738	Simon-Miller	Amy	GSFC
739	Singer	Sharon	Univ of MD
740	Singh	Sabrina	JSC
741	Singleterry	Robert	LaRC
742	Sinyuk	Aliaksandr	GSFC
743	Siochi	Emilie	LaRC
744	Sitler	Glenn	MSFC
745	Skelly	John	PA State Univ
746	Sladek	Mary	HQ Education
747	Slavin	Jim	GSFC
748	Slutsker	Ilya	GSFC
749	Smale	Alan	HQ
750	Smale	Karen	GSFC
751	Smart	Tifanie	JSC
752	Smirnov	Alexander	GSFC
753	Smith	Christopher	SSC
754	Smith	Pat	HQ
755	Smith	Peter	Mars Phoenix Panel
756	Smith	Robert	Robotics
757	Smith	Sean	KSC
758	Smith	Stephanie	JSC
759	Smith	Temeshia	GSFC
760	Smith	Vicki	GRC
761	Sokolik	James	DFRC
762	Sorokine	Mikhail	GSFC
763	Sova	Danielle	NASA & Youth Panel
764	Sovik	Nathan	SSC
765	Sowder	Mary	Herndon High School

766	Spann	James	MSFC
767	Spear	Kathleen	NASA Pioneers Panel
768	Springer	Tony	HQ
769	St Cyr	O. Chris	GSFC
770	Stafford	Nancy	GSFC
771	Stark	Chris	GSFC
772	Starr	Richard	GSFC
773	Stebbins	Tuck	GSFC
774	Stefanov	William	JSC
775	Steel	Pam	KSC
776	Stewart	Anthony	HQ
777	Stewart	Gary	MSFC
778	Stewart	Sebstian	GSFC
779	Stockman	Stephanie	GSFC
780	Strain	Priscilla	NASM
781	Strohmayer	Tod	GSFC
782	Stolen	Martin	Robotics
783	Stousenberger	Maryanne	retired
784	Strain	Priscilla	Future Missions Moderator
785	Sturckow	Frederick W.	JSC
786	Sumrall	John P.	MSFC
787	Swartz	Howard	
788	Sweetnam	Don	JPL
789	Synetic Theater Co.		
790	Takada	Kevin	MSFC
791	Taminger	Karen	LaRC
792	Tashima	Nancy	GSFC
793	Tawney	Timothy Ryan	HQ
794	Taylor	James	MSFC
795	Taylor	Steven	SSC
796	TenKate	Inge	GSFC
797	Terry	Brian	Limestone Co Career Technical Ctr
798	Terry	Steve	MSFC
799	Theobald	Linda	SSC
800	Thieman	James	GSFC
801	Thien	Hilda	GSFC
802	Thomas	Mack	GRC
803	Thomson	Michael	DFRC
804	Thompson	Barbara	GSFC
805	Thompson	David	GSFC
806	Thornblom	Mark	LaRC
807	Thronson	Harley	GSFC
808	Thuot	Pierre	CMX Technologies, Inc.
809	Tian	Lin	GSFC
810	Tijillo	Claudia	Mysterious Universe Moderator
811	Tismaneonu	Adam	HQ
812	Tokay	Maura	GSFC
813	Trainor	Debbie	JSC
814	Tran	Alex	GSFC
815	Trapp	Cindy	GSFC
816	Trenchard	Mike	JSC

817	Trepte	Charles	LaRC
818	Trotta	Ann Marie	HQ OCP
819	Tucker	Compton	GSFC
820	Tull	Nzinga	GSFC
821	Turner	Janelle	HQ IPP
822	Turner	Woody	HQ SMD
823	Uhran	Mark	HQ SOMD
824	Ulrich	Bert	HQ PAO
825	Untalan	Victoriano	JSC
826	Van Campen	Julie	GSFC
827	Van Doren	Aleya	GSFC
828	Van Dross	Cole	GSFC
829	VanderTuig	George	GSFC
830	Vanhalla	Harri	GSFC
831	Varner	Rick	GSFC
832	Vembrick	John	HQ
833	Venkatapathy	Ethiraj (Raj)	ARC
834	Vick	Erika	HQ OCP
835	Viotti	Michelle	JPL
836	Voracele	Brad	GSFC
837	Walker	Charlie	Boeing, Former astronaut
838	Wallace	Katie	SSC
839	Walz	Carl	HQ ESMD
840	Wang	Derek	HQ ESMD
841	Ware	Sheilah	SSC
842	Warner	Brent	GSFC
843	Warner	Elizabeth	Univ of MD
844	Warren	Jack	JSC
845	Waters	Tom	
846	Watson	Judith	LaRC
847	Watzke	Megan	SAO
848	Weaver	Clark	GSFC
849	Weir	Heather	GSFC
850	Weisskopf	Martin	MSFC
851	Weitekamp	Margaret	NASM
852	Welton	Judd	GSFC
853	Wen	Guoyong	GSFC
854	Werneth	Linda	GSFC
855	Werneth	Russell	GSFC
856	Wessen	Randii	JPL
857	West	Scott	
858	Westberg	David	LaRC
859	Whipple	Art	GSFC
860	Whipple	Claire	GSFC
861	White	Terry	KSC
862	Whitley	Karen	LaRC
863	Wilkinson	Chris	GSFC
864	Williams	Angie	MSFC
865	Williams	Darrel	GSFC
866	Williams	Joseph	JPL
867	Williams	Kenji	Remedy Arts LLC

868	Williams	Richard	HQ
869	Williams	Sayoko	Remedy Arts LLC
870	Williams	Sonya	GSFC
871	Williams	Sunita	JSC
872	Williamson	Cathy	GSFC
873	Willis	Kim	JSC
874	Wilson	Robert Gale	LaRC
875	Wilson	Sharon	NASM
876	Wilson	Stephanie	MSFC
877	Wilson-Hodge	Colleen	MSFC
878	Windhorst	Robert	ARC
879	Winter	Eric	GSFC
880	Wiseman	Jennifer	GSFC
881	Witherspoon	Kelly	SSC
882	Wittman	Mary	JPL
883	Wittman	Michael	St. Thomas More HS
884	Wittman	Sarah	St. Thomas More HS
885	Wright	Rebecca	JSC
886	Wolfe	Robert	GSFC
887	Wollack	Ed	GSFC
888	Wolt	Andy	GSFC
889	Wood	Jessica	MSFC
890	Woodard	Dan	MSFC
891	Woods	Ronald	KSC
892	Wright	Rebecca	JSC
893	Yadvish	Jack	HQ IPP
894	Yang	Liu	ARC
895	Yang	Robert	LaRC
896	Yoshimura	Yoshinori	JAXA
897	Yournes	Badri	HQ
898	Yukita	Mihoko	Univ of AL in Huntsville
899	Yun	Diane	GSFC
900	Yzaguirre	Amelia	GSFC
901	Zimbelman	Jim	NASM Moderator
902	Zolensky	Michael	JSC
903	Zvedre	Yevgeny	ISS Global Village Panel

Appendix G – Smithsonian Visitor Survey Results

Based upon a random survey of 636 visitors over 10 days

A. VISITOR CHARACTERISTICS

Age of all visitors Residence
37% under 20 yrs old
12% 20-29 yrs
10% 30-39
13% 40-49
16% 50-59
10% 60-69
2% 70 and over

Gender
51% Female
49% Male

Ethnicity
77% White
8% Asian
7% African American
3% Hispanic
5% Other

Residence
72% Metropolitan Area
- 30% Virginia
- 23% Maryland
- 19% District of Columbia

24% Other U.S.
- 3% New York
- 3% Texas
- 2% Pennsylvania
- 2% North Carolina
- 2% New Jersey
- 2% California
- 1% Massachusetts
- 1% Ohio
- 1% Arizona
- 1% Florida
- 1% Illinois
- 7% All others

4% International

B. KNOWLEDGE OF THE FESTIVAL

Visitors knew about Festival prior to visit
90% Yes
10% No

How many years have repeat visitors attended the Festival?
5.96 years on the average
32% Never attended before this year
36% 1-5 years
14% 6-10 years
10% 11-20 years
8% 21 or more years

How visitors knew about Festival
42% Prior attendance
14% Newspaper article
23% Word of mouth
8% Website
6% Watched setup
3% Other Advertisement
2% Television
2% Radio

C. VISIT CHARACTERISTICS

Visitors in party (excluding school/camps)
2.8 Avg. people

Children in party (excluding school/camps)
0.58 Avg. number of children

Types of visitor parties
21% Single adult
- 38% Adult couple no children
- 15% Multiple adults no children
- 25% Families--adults and children
- <1% Big groups

Expected hours of daily visit
3 hr 33 min
- 6% 1 hour
- 21% 2 hours
- 24% 3 hours
- 19% 4 hours
- 11% 5 hours
- 19% 6 or more hours

Expected days of attendance?
1.8 days average
- 60% 1 day
- 23% 2 days
- 10% 3 days
- 2% 4 days
- 3% 5 days
- 2% 6 days or more

Visited Festival, Folkways, SGS website
- 32% Yes
- 68% No

Ever purchased Folkways Recording
- 26% Yes
- 74% No

Aside from the Smithsonian and National Park Service, is visitor aware of other Festival sponsors/supporters?
16% Yes 5% Maybe 79% No

Expectation to eat
80% Yes
7% Maybe
12% No
1% Don't know

Expectation to shop
43% Yes
24% Maybe
30% No
3% Don't know

Would you think better of a sponsor because it helped support the Festival?
75% Yes, think better of sponsor
14% Maybe think better of sponsor
11% No, would not think better of sponsor

D. <u>VISITOR OPINION OF THE FESTIVAL</u>

The Festival	*strongly agree*	*agree*	*disagree*	*strongly disagree*	*no opinion*
… is a waste of time and money	1%	1%	25%	73%	0%
… is a way to learn about specific cultures	60%	39%	1%	0%	0%
… is entertaining	54%	45%	1%	0%	0%
… increases general cultural appreciation	61%	37%	0%	0%	2%
… emphasizes cultural diversity	58%	38%	2%	0%	2%
… shows cultural similarity	35%	49%	7%	1%	8%

Compared to the Festival--which offers more or less knowledge, insight or inspiration? (Higher the score the more "knowledge" is reportedly offered)
2.55 Visiting the cultural region
2.00 Visiting the Festival
1.80 Reading a good book
1.64 Watching a good television documentary
1.55 Seeing a good museum exhibition
1.53 Hearing a good feature radio story
1.47 Visiting a good website
1.26 Reading a good newspaper article

What is the best thing about about the Festival?
34% Diverse cultures
27% Music, song and dance
26% Festival as a whole
21% Various others
19% Arts, crafts, painting
13% Celebrations and rituals
12% Work demonstrations
11% Architecture and decoration
9% Cooking demonstrations
9% Discussion sessions
8% Food
5% Children's programs
4% Equipment/animals

What is the worst thing about the Festival?
52% Weather
14% Various other
8% Lack of parking
8% Prices for food
6% Poor toilet facilities
5% Lines for food
4% Quality of food
3% Prices of shop items
1% Lack of accessibility

Overall, how would you rate your experience at the Festival?
23% Superior
48% Excellent
25% Good
3% Fair
<1% Poor

What is your favorite program this year?
67% Bhutan
18% NASA
15% Texas

Before coming to the Festival this year, how much did you know about

	nothing	*little*	*some*	*a lot*
people and cultures of Bhutan	35%	39%	18%	8%
work culture of NASA	8%	28%	39%	25%
music, food and wine of Texas	9%	24%	39%	28%

After attending the Festival, how much MORE do you think you know about

	nothing	*little*	*some*	*a lot*
people and cultures of Bhutan	3%	17%	39%	41%
work culture of NASA	12%	23%	39%	26%
music, food and wine of Texas	14%	22%	42%	22%

As a result of attending the Festival, do you think you might want to visit Bhutan?
62% Yes
18% Maybe
16% No
4% Don't know

As a result of attending the Festival, do you think you might want to visit a NASA facility?
53% Yes 22% Maybe 20% No 5% Don't know

As a result of attending the Festival, do you think you might want to visit Texas?
51% Yes
19% Maybe
24% No
6% Don't know

For repeat visitors, how would you compare this year to previous Festivals?
17% This year is better
64% This year is about the same
19% This year is worse

What is your favorite program of all time?
26% Silk Road
10% Bhutan
5% NASA
4% Bicentennial
4% Food Culture USA
4% American Indian Culture
4% Tibet
4% India
4% Scotland
4% Texas
3% Mekong
3% Northern Ireland
2% Oman
2% Roots of Virginia
2% Mali
2% Hawaii
2% Forestry
15% Other Programs