National Aeronautics and
Space Administration

Headquarters
Washington, DC 20546-0001

Reply to Attn of: Q-1

November 2, 2001

Memorandum for the Record

Pursuant to the provisions of the Federal Advisory Committee Act (Public Law 92-463, October 6, 1972) and NASA Policy Directive 1150.21, entitled "Establishment, Operation and Duration of NASA Advisory Committees," the enclosed minutes of the Aerospace Safety Advisory Panel's open meeting conducted on October 19, 2001, at the Johnson Space Center in Houston, Texas are submitted for the record.

David M. Lengyel
Executive Director
Aerospace Safety Advisory Panel

2 Nov '01
Date

Richard D. Blomberg
Chair
Aerospace Safety Advisory Panel

2 Nov '01
Date

Aerospace Safety Advisory Panel (ASAP)
Open Meeting
October 19, 2001
3:45 a.m. to 5:00 p.m.
Johnson Space Center (JSC)
Building 1, Room 966
Houston, Texas

Introduction:
For security reasons, this meeting was held at JSC and public attendance was arranged via telecon from a room accessible to the public at the Nassau Bay Hilton Hotel (across from JSC). Mr. David Lengyel, Executive Director of the ASAP, announced that although this was an open federal advisory committee meeting, no members of the public were in attendance at the Hilton. The Federal Register Notice announcing the meeting is provided as Enclosure 1. An attendance roster of participants is provided as Enclosure 2.

The public meeting was held on Friday 19 Oct., which was the second day in a two day set of International Space Station, Space Shuttle, JSC workforce, Extravehicular Activities and Robotics fact finding briefings to the ASAP. The purpose of the public meeting was to discuss both the ASAP annual report format and to outbrief the JSC Center Director, program managers and their staff.

Mr. Blomberg, ASAP Chairman, asked each member and consultant to the Panel to provide a summary of their findings from the briefings. The findings are arranged below by subject and Panel member/consultant.

Space Shuttle:

- "Operations" improvements, such as East Coast abort planning, should be included in the portfolio of Shuttle upgrades/improvements. (Mr. Ken Englar)

- The Panel was surprised at the length of time that it takes to upgrade the Shuttle software. This is a detriment to a timely upgrade of the Shuttle once hardware changes are made. (Mr. Ken Englar)

- NASA is both an operator and the regulatory agency for the Shuttle. From my Boeing experience, this situation can be dangerous. Shuttle upgrades might better be classified as mandatory airworthiness directives. (Dr. Ulf Goranson)

- The Panel was glad that the crew escape study was still proceeding. The final option was to be delivered to SSP management by mid December '01. (Mr. Sid Gutierrez)

- The Panel expressed some concern over potential closing of some Shuttle crew training assets. To date however, the Remote Manipulator System (RMS) is the only training device which has been discontinued for training. (Mr. Richard Blomberg)

International Space Station (ISS):

- The ISS crew hazards briefing was excellent. The report covered the source of potential crew hazards, how they are detected and annuciated to the crew, what the procedures are to verify and correct the hazard, and how the ground is informed of progress for all of this. It was a top-notch systems engineering study.

- If the crew hazards study was at all thin it was in the "repair area." Bill Gerstenmaier reminded the Panel that NASA and the Russians were working several initiatives together; an Infrared camera, major reconstruction & patching techniques. (Dr. George Gleghorn)

- Some thought ought to be given to combining depress and fire procedures training. The reasoning is that if hit by debris there could be both a depress and a fire state aboard the ISS. (Dr. George Gleghorn)

- Wireless headsets would enhance communications especially during an emergency where the crew is split up (e.g., two fighting a fire, one in the Service Module central post). (Dr. George Gleghorn)

- The labeling of the emergency breathing apparatus and fire extinguisher panel in that it should be more conspicuously marked (note that this may be an artifact of the mockup and not representative of on-orbit configuration). (Dr. George Gleghorn)

- The Panel would like some additional clarity on where the X-38/Crew Rescue Vehicle stands in the ISS program from a funding standpoint. (Dr. George Gleghorn)

- NASA should consider recording safety design rationale for the ISS vehicle. The Shuttle program did not do this until ten or more years into the flight program. (Dr. Nancy Leveson)

- The Panel expressed some concern that there may not be a good connection between the NASA and Russian sides in the real-time operational environment. (Mr. Art Zygielbaum)

- The Panel has some concern regarding commanding of the ISS that should be dealt with in a separate briefing to the ISS and/or computer team. (Mr. Art Zygielbaum)

- Better communication between the crews, controllers, and management is needed regarding crew fatigue issues. (Mr. Richard Blomberg)

- The Panel expressed some concern regarding awareness of the inhibiting of Caution and Warnings (C&W) and that a process should be put in place to track these inhibits. (Mr. Richard Blomberg)

- NASA should consider having a member of the C&W Team on the payload safety review panel. (Mr. Richard Blomberg)

- Per Dr. Gleghorn's request, Mr. Lengyel took an action to setup an Micro-Meteoroid Orbital Debris (MMOD) briefing for the Panel before the end of the year.

Extravehicular Activity (EVA)/Sid Gutierrez:

- The EVA office is doing quite well within the resource constraints that they have.

Workforce:

- The Panel in general expressed concern over workforce stress levels related to excessive overtime, particularly on the ISS Program.

  With the exception of flight controllers and other key Mission Operations Directorate personnel, JSC has no policy on the maximum amount of overtime that its employees may work. In contrast, the Kennedy Space Center has such requiements on all personnel. (several ASAP personnel commented on these topics)

2 Enclosures:

1. Federal Register Notice
2. Attendance Roster

participants. Visitors will be requested to sign a visitor's register.

Beth M. McCormick,

Advisory Committee Management Officer, National Aeronautics and Space Administration.

[FR Doc. 01–26055 Filed 10–16–01; 8:45 am]

BILLING CODE 7510–01–P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (01–123)]

NASA Advisory Council (NAC), Task Force on International Space Station Operational Readiness; Meeting

AGENCY: National Aeronautics and Space Administration.

ACTION: Notice of meeting.

SUMMARY: In accordance with the Federal Advisory Committee Act, Pub. L. 92–463, as amended, the National Aeronautics and Space Administration announces an open meeting of the NAC Task Force on International Space Station Operational Readiness.

DATES: Wednesday, November 7, 2001, 12 noon—1 p.m. Eastern Standard Time.

ADDRESSES: This meeting will be conducted via teleconference; hence participation will require contacting Mr. Philip Cleary (202/358–4461) before 4:30 p.m. Eastern, November 6, 2001, and leaving your name, affiliation, and phone number.

FOR FURTHER INFORMATION CONTACT: Mr. Philip Cleary, Code IH, National Aeronautics and Space Administration, Washington, DC 20546–0001, 202/358–4461.

SUPPLEMENTARY INFORMATION: This meeting will be open to the public up to the capability of the teleconferencing system. The agenda for the meeting is as follows:

—To assess the operational readiness of the International Space Station to support the new crew and the American and Russian flight team's preparedness to accomplish the Expedition Four mission.

It is imperative that the meeting be held on this date to accommodate the scheduling priorities of the key participants.

Beth M. McCormick,

Advisory Committee Management Officer, National Aeronautics and Space Administration.

[FR Doc. 01–26056 Filed 10–16–01; 8:45 am]

BILLING CODE 7510–01–P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (01–122)]

Aerospace Safety Advisory Panel (ASAP); Meeting

AGENCY: National Aeronautics and Space Administration.

ACTION: Notice of meeting.

SUMMARY: In accordance with the Federal Advisory Committee Act, Pub. L. 92–463, as amended, the National Aeronautics and Space Administration announces a forthcoming meeting of the Aerospace Safety Advisory Panel.

DATES: Friday, October 19, 2001, 3:45 p.m.–5 p.m. Central Standard Time.

ADDRESSES: Hilton Houston NASA Clear Lake, 3000 NASA Road 1, Marina Cove Meeting Room, Houston, TX 77058.

FOR FURTHER INFORMATION CONTACT: Mr. David M. Lengyel, Aerospace Safety Advisory Panel Executive Director, Code Q–1, National Aeronautics and Space Administration, Washington, DC 20546, 202/358–0391, if you plan to attend.

SUPPLEMENTARY INFORMATION: This meeting will be conducted via telecon with Panel members and consultants at the Johnson Space Center and public participants at the Hilton Houston NASA Clear Lake. This meeting will be open to the public up to the seating capacity of the room (18). The agenda for the meeting is to conduct deliberations on Calendar Year 2001 fact-finding activities and trip reports in preparation for the drafting of the Panel's Annual Report.

It is imperative that the meeting be held on this date to accommodate the scheduling priorities of the key participants. Visitors will be requested to sign a visitors register.

Beth M. McCormick,

Advisory Committee Management Officer, National Aeronautics and Space Administration.

[FR Doc. 01–26051 Filed 10–16–01; 8:45 am]

BILLING CODE 7510–01–P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (01–121)]

Notice of Prospective Patent License

AGENCY: National Aeronautics and SpaceAdministration.

ACTION: Notice of prospective patent license.

SUMMARY: NASA hereby gives notice thatTicona Polymers, Inc., of Summit, NJ 07901–3914, has applied for an exclusive license to practice the invention described and claimed in NASA Case Number LAR–16079–1, entitled "LIQUID CRYSTALLINE THERMOSETS FROM ESTER, ESTER-IMIDE, AND ESTER-AMIDE OLIGOMERS," for which a U.S. Patent Application was filed and assigned to the United States of America as represented by the Administrator of the National Aeronautics andSpace Administration. Written objections to the prospective grant of a license should be sent to Langley Research Center. This notice corrects the zip code in Notice #01–115 published in the **Federal Register** on October 2, 2001

DATE: Responses to this notice must be received by November 1, 2001.

FOR FURTHER INFORMATION CONTACT: Robin W. Edwards, Patent Attorney, Langley Research Center, Mail Stop 212, Hampton,VA 23681–2199. Telephone 757–864–3230; Fax 757–864–9190.

Dated: October 10, 2001.

Edward A. Frankle,

General Counsel.

[FR Doc. 01–26052 Filed 10–16–01; 8:45 am]

BILLING CODE 7510–01–P

NATIONAL ARCHIVES AND RECORDS ADMINISTRATION

Records Schedules; Availability and Request for Comments

AGENCY: National Archives and Records Administration (NARA).

ACTION: Notice of availability of proposed records schedules; request for comments.

SUMMARY: The National Archives and Records Administration (NARA) publishes notice at least once monthly of certain Federal agency requests for records disposition authority (records schedules). Once approved by NARA, records schedules provide mandatory instructions on what happens to records when no longer needed for current Government business. They authorize the preservation of records of continuing value in the National Archives of the United States and the destruction, after a specified period, of records lacking administrative, legal, research, or other value. Notice is published for records schedules in which agencies propose to destroy records not previously authorized for disposal or reduce the retention period of records already authorized for disposal. NARA invites public comments on such records schedules, as required by 44 U.S.C. 3303a(a).

Enclosure 1

Attendance List:

Aerospace Safety Advisory Panel:
Mr. Richard Blomberg – Chairman
Dr. George Gleghorn
Dr. Ulf Goranson
Mr. Sid Gutierrez
Ms. Shirley McCarty
Mr. Ken Englar
Dr. Nancy Leveson
Mr. Art Zygielbaum
Mr. David Lengyel – Executive Director

Johnson Space Center:
Mr. Steve Hawley
Mr. Ron Dittemore
Mr. John Casper
Mr. John Harpold
Mr. Bill Gerstenmaier
Mr. Bill Harris
Mr. Bruce Luna
Ms. Lyn Gordon-Winkler