

National Aeronautics and Space Administration

**NASA Advisory Council Task Force
on
International Space Station Operational Readiness**

January 28, 1999
Johnson Space Center
Houston, Texas

MEETING REPORT



Original Signed by

Dennis McSweeney
Executive Secretary

Original Signed by

Thomas P. Stafford
Chairman

NASA ADVISORY COUNCIL TASK FORCE ON INTERNATIONAL SPACE
STATION OPERATIONAL READINESS

January 28, 1999
Johnson Space Center
Houston, Texas

MEETING REPORT
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NASA ADVISORY COUNCIL TASK FORCE ON INTERNATIONAL SPACE
STATION OPERATIONAL READINESS

January 28, 1999
Johnson Space Center
Houston, Texas

MEETING REPORT

Welcome and Introduction

Mr. Dennis McSweeney, Executive Secretary of the NASA Advisory Council (NAC) International Space Station (ISS) Operational Readiness Task Force, welcomed everyone to the meeting and thanked them for their contributions to the Final Report of the NAC Shuttle-Mir Rendezvous and Docking Missions Task Force, which was the topic of the open meeting. He then introduced Michael Greenfield, Ph.D., Deputy Associate Administrator, Office of Safety and Mission Assurance, NASA Headquarters, who is the Task Force member responsible for coordinating, integrating and editing the report. Dr. Greenfield served as Chairman for this meeting and led the review of the draft.

Report Review and Comment

Dr. Greenfield expressed his gratitude to the members who contributed to the report, those who provided comments, and to Dennis McSweeney for his editing skills. He pointed out that the final report includes not only a review of the Task Force's accomplishments throughout Phase 1, but also conclusions, observations and recommendations from Phase 1 that are applicable and carry over to Phase 2.

Dr. Greenfield led the group in a section-by-section critique of the document and reviewed the action items. He requested that in addition to the comments that were submitted to Mr. McSweeney prior to the meeting, suggestions made during this meeting also be incorporated into the final document. The Task Force agreed to the following resolutions concerning the report:

Findings and Recommendations Matrix

The Task Force unanimously accepted the matrix as written.

Report Introduction

The Task Force unanimously accepted the report introduction as written.

Summary of Task Force Activities Section

The Task Force unanimously accepted the Summary of Task Force Activities section as written.

Communications Section

The Task Force unanimously accepted the Communications section as written.

Crew Health Section

The Task Force agreed to tone down the last paragraph on page 21. With the incorporation of this small change, the Task Force unanimously accepted the Crew Health section as written.

Management Section

The Task Force unanimously accepted the Management section as written.

Operations Section

The Task Force agreed to include a short summary of the section in the first couple of paragraphs due to the length of the section. The Task Force also agreed to include a paragraph describing the importance of keeping the Space Shuttle adequately upgraded to conduct ISS assembly and operations. With the incorporation of these changes, the Task Force unanimously accepted the Operations section as written.

Systems Safety Section

The Task Force agreed to add a paragraph describing the importance of the Phase 2 Program establishing some sort of module repair, recertification, and reconstitution process. With the incorporation of this change, the Task Force unanimously accepted the Systems Safety section as written.

Training Section

The Task Force agreed to take another look at this section to determine if it is possible to make it read a little more as a retrospective piece than a prospective commentary on the Phase 2 Program. However, the Task Force agreed that the recommendations and findings listed in this section came out of the Phase 1 experience and remain applicable to Phase 2.

Conclusion Section

The Task Force reviewed each of the findings and recommendations being considered for inclusion in the report and agreed on the following actions:

Recommendation #1: The Task Force unanimously accepted as written.

Recommendation #2: The Task Force unanimously accepted as written.

Recommendation #3: The Task Force agreed to expand upon this recommendation. The action was given to Dr. Craig Fischer to work with Dr. Ron Merrell to re-work this recommendation.

Recommendation #4: The Task Force unanimously agreed to strike this recommendation due to the fact that it was too broad and did not offer any specific direction to NASA.

Recommendation #5: The Task Force unanimously accepted as written.

Recommendation #6: The Task Force agreed to refine this recommendation to be more specific in terms of offering direction to NASA. The action was given to Dr. Charles Daniel to re-work this recommendation.

Recommendation #7: The Task Force unanimously accepted as written.

Recommendation #8: The Task Force agreed to refine this recommendation to be more specific in terms of offering direction to NASA. The action was given to Col. Jim Adamson to re-work this recommendation.

Recommendation #9: The Task Force unanimously accepted as written.

Recommendation #10: The Task Force unanimously accepted as written.

Recommendation #11: The Task Force unanimously accepted as written.

Recommendation #12: The Task Force unanimously accepted as written.

Recommendation #13: The Task Force unanimously accepted as written.

Recommendation #14: The Task Force agreed to refine this recommendation to be more technically accurate. The action was given to Gen. Joe Engle to re-work this recommendation.

New Recommendations: The Task Force agreed to add as recommendations the following two items. 1) From the Systems Safety section, a statement on the importance of the Phase 2 Program establishing some sort of module repair, recertification, and reconstitution process. 2) From the Operations section, a statement on the importance of keeping the Space Shuttle adequately upgraded to conduct ISS assembly and operations.

Overall Report Review/Comments

The Task Force agreed to verify that the terms TsUP and MCC-M are used correctly and consistently throughout the report.

The Task Force agreed to review the entire report and tone down sentences that could be interpreted as being exaggerated or overstated.

After this review, the Task Force agreed to allow one week for comments from members, one week to do final editing, and targeted the next week to submit the document to the printer.

Closing Remarks

In conclusion, Dr. Greenfield expressed his gratitude to the members and to Mr. McSweeney for the effort put into making this Final Report an accurate and worthwhile depiction of the work accomplished by the NAC Shuttle-Mir Rendezvous and Docking Missions Task Force during Phase 1.

The meeting adjourned at 11:02 a.m. Central Standard Time.

**NASA Advisory Council
Task Force on International Space Station Operational Readiness
Open Meeting
Johnson Space Center
Building 1, Room 920L
Houston, Texas
January 28, 1999**

AGENDA

10:00 a.m. – 11:00 a.m. CST

Welcome and Introduction	Dennis McSweeney
Overall Review of Report	Michael Greenfield
Review Recommendations in Conclusion Section	Michael Greenfield
Summary/Review of Actions	Dennis McSweeney

Attachment B

NASA ADVISORY COUNCIL TASK FORCE ON INTERNATIONAL SPACE
STATION OPERATIONAL READINESS

MEMBERSHIP

Chairman

Lt. Gen. Thomas P. Stafford, USAF (Ret.)

Members

Col. James C. Adamson, U.S. Army (Ret.)

Mr. Benjamin Cosgrove

Mr. Joseph Cuzzupoli

Dr. Charles C. Daniel

Dr. John Fabian

Dr. Craig L. Fischer, MD

Dr. Michael A. Greenfield

Mr. James Heflin

Dr. Daniel J. Heimerdinger

Maj. Gen. Ralph Jacobson, USAF (Ret.)

Cdr. Michael Lopez-Alegria, USN

Dr. Ronald C. Merrell, MD

Capt. John Young, USN (Ret.)

Technical Advisors

Maj. Gen. Joe H. Engle, USAF (Ret.)

Mr. Mark Thiessen

Executive Secretary

Mr. Dennis McSweeney

Asst. Executive Secretary

Ms. Holly Stevens

Attachment C

NASA ADVISORY COUNCIL TASK FORCE ON INTERNATIONAL SPACE STATION OPERATIONAL READINESS

January 28, 1999
Johnson Space Center
Houston, Texas

MEETING ATTENDEES

Task Force Members

Col. James C. Adamson, USA (Ret.)
Mr. Ben Cosgrove – via teleconference
Dr. Charles Daniel– via teleconference
Maj. General Joe Engle, USAF (Ret.), Technical Advisor
Dr. John Fabian– via teleconference
Dr. Michael Greenfield– via teleconference
Dr. Daniel Heimerdinger– via teleconference
Cdr. Mike Lopez-Alegria, USN– via teleconference
Mr. Dennis McSweeney, Executive Secretary– via teleconference
Ms. Holly Stevens, Asst. Executive Secretary– via teleconference
Mr. Mark Thiessen, Technical Advisor
Capt. John Young, USN (Ret.)

NASA Personnel

Mr. Phil Cleary, NASA Headquarters - via teleconference

Others

Mr. Milan Ruzicka, LaunchSpace Publications– via teleconference
Mr. David Malacoff, Science magazine– via teleconference