



MINUTES OF  
SURVEY APPLICATIONS COORDINATING COMMITTEE (SACC)  
Thirteenth Meeting May 5, 1969  
10:00 a.m. to 11:45 a.m. - Room 7112 - FOB-6

Members in Attendance

NASA  
Mr. Leonard Jaffe (Presiding)  
Mr. Douglas Lord  
Mr. Frank Sullivan

DOD  
Colonel Lew Allen, Jr., USAF  
Mr. I. Nevin Palley  
Colonel Paul E. Worthman, USAF

Secretary: F. J. Sweet

1. Approval of Minutes - The Minutes of the 12th meeting were approved as submitted. The Committee took note that the NASA Position Paper (Item 3 of the Minutes) was withdrawn by the NASA Members by memorandum dated 17 June 1968 (BYE 17549/68).

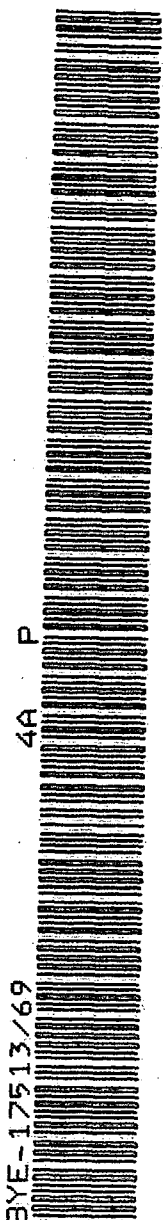
OLD BUSINESS

2. Review of SACC Actions - The Committee reviewed the coordination actions since its last meeting on 9 May 1968, noting that 114 pieces of correspondence had been exchanged in the interim.

Action: It was agreed that a summary of the most important actions would be attached as an Appendix to these Minutes for the information of the Manned Space Flight Policy Committee (MSFPC).

3. Status Report on NASA TOP SECRET Policy Document - The NASA Co-Chairman reported that, in draft form, it had been shown to Center Directors, Headquarters Program Directors, and certain NASA top management personnel who have responsibilities in the Earth Resources Program. NASA has periodically reviewed the document but has not yet arrived at a rationale which the Administrator will sign for distribution. He further stated that there is now sufficient awareness of the constraints, that NASA has achieved considerable control, and that there is real control over the NASA programs.

The DOD Co-Chairman expressed his unhappiness that NASA had not issued the TOP SECRET guidelines and asked Col. Worthman to review the origins of the paper.



BYE-17513/69

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No. 4 of 8 Copies.

**TOP SECRET**

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Col. Worthman stated that the MSFPC at its last meeting had considered a paper proposed by NASA to be released (as SECRET) as guidance for the NASA Earth Resources Survey Program. The NRO staff had assisted in its preparation. (The MSFPC agreed it would have to be TOP SECRET, rewrote it, and returned it to NASA.) Col. Worthman felt that the paper should again be reviewed at the next MSFPC meeting to determine if there is still a need for it.

The NASA Co-Chairman stated that it had probably served its purpose since it had been read by those who control the programs.

Action: The MSFPC Executive Coordinators will be requested to prepare a summary statement of the NASA use of TOP SECRET Guidelines for consideration by the MSFPC.

4. Report on NASA Earth Resources Technology Satellite - The NASA Co-Chairman stated that the work statement was out to industry for requests for proposals. About three months after bids are received, two or three contracts will be let. Studies will be due about six months after letting of contracts. He requested that the DOD Members apprise NASA of any hardware or technology which would be useful in the execution of the ERTS Program.

The DOD Co-Chairman stated that the NRO could give NASA a run-down on such items and that the technology could be given in the white. Any black items would of course need to be discussed within SACC.

Col. Allen stated that he and Mr. Krueger (NASA SACC staff) were working together to fill the information gap. Some of the NRO work in advanced technology areas of NASA interest have not yet progressed to the point of NASA usefulness. While the technology in general is not classified, certain restrictions on its use would have to be observed. There is a strong feeling in NRO that major break-throughs are coming in electronic sensing wherein NASA could assist in the development.

The NASA Co-Chairman felt that the current activity between Col. Allen and Mr. Krueger would suffice for the moment. He volunteered an NRO observer status during the NASA evaluation of proposals for ERTS if desired, although this might be detrimental to NASA efforts to preserve its "no constraints from DOD" image. A principal problem in the ERTS as he saw it was the processing of the data to be obtained.

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The DOD Co-Chairman stated he was not as worried about the documents going out with RFP's as he was about the content of contractor proposals. On the matter of data processing, he felt that EXRAND, under COMIREX, could be of assistance.

Action: The NRO staff will look into the matter of existing technology or experience relating to the ERTS data handling problem.

5. Interpretation of SACC Guidelines - The Committee reviewed the paper prepared by the DOD Members and discussed in general what it was intended to accomplish. This was to permit talking about higher ground resolutions as requirements, define limitations in terms of ground resolution rather than angular resolution, and proposal to consider astronomy experiments outside the scope of the SACC security guidelines. (Ref: BYE 12822-69)

The DOD Members' concerns were to get SACC involved as early as possible in review of NASA ERS program planning to prevent duplication of hardware and to share technology. They suggested that adding resolut restraints to NASA work statements would prevent contractor overkill.

Suggested changes to the paper were: clarify the astronomy experiments exemption as non-earth looking; clarify the ground resolution as 20 meters for current programs; add requirement to review NRO related hardware and techniques for contribution to NASA needs; attach the Krueger-Williamson definition of resolution to the paper.

Action: The NASA Members will prepare a rewrite of the paper incorporating the changes above. After SACC agreement on final text, it will be submitted to the MSFPC for approval as an attachment to the current SACC Guidelines.

#### INFORMATION ITEMS

6. The NASA Members tabled the following information items:

- a. Calendar of forthcoming meetings and symposia of SACC interest.

Action: Attached to Minutes.

- b. Set of the 1968 Summer Study Reports as finally printed.

Action: Complete set to be sent to Mr. Palley.

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c. NASA Planning Steering Group, Planning Panel documentation for ERSP and Astronomy.

Action: The DOD Members have access to these documents through their work with the President's Space Task Group.

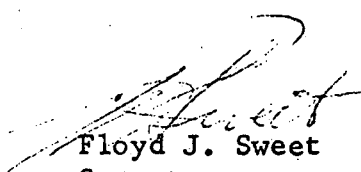
d. STAC Report, NASA SP-196, "Proceedings of the Winter Study on Uses of Manned Space Flight, 1975-1985."

Action: Mr. Jaffe advised that the document had been released on 17 April 1969 without the changes requested by the DOD Members of SACC. The DOD Members requested that the following statement appear in the record: "We deplore this unilateral release of a document for publication without regard to DOD recommendations. The MSFPC is the proper and agreed-to agency to hear any disagreement over document review. The DOD Members will expect all future exceptions to SACC findings to be reviewed in the MSFPC."

e. The NASA Co-Chairman informed the Committee that there has been a considerable blast from the scientific community on the handling of the Summer Study Panel Report on Geodesy and Cartography.

7. Next meeting at the call of the Co-Chairmen.

8. Adjourned: 11:45 a.m.

  
Floyd J. Sweet  
Secretary

Attachments  
as stated

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May 21, 1969

SUMMARY OF MAJOR SACC COORDINATION ACTIVITIES  
9 May 1968 to 12 May 1969

1. UN Vienna Conference

Fourteen U.S. papers that had SACC connotations were edited by NASA and then cleared with a DOD SACC representative.

2. Space Applications Summer Study

Volume 7 of the 1967 Summer Study was jointly determined by NASA and DOD SACC members to be sensitive; an interim classification of SECRET was assigned and special controls were imposed. All volumes, including Volume 7 (now Vol. 13), of the 1967 and 1968 Summer Study have received SACC approval and have been released for printing and distribution.

3. Aerospace Daily Article

DOD brought to NASA's attention the report of Dr. Hess's remarks at a press conference at MSC. At DOD's request, NASA supplied a chronology of events and NASA actions (including a memorandum for the record by Dr. Hess) to the NRO for their use.

4. White Guidelines

A TOP SECRET version of the NSAM 156 policy was developed by NASA and concurred in by the DOD for use in briefing senior NASA officials. This TOP SECRET policy has not been formally implemented within NASA. Decision on implementation is an open item for NASA.

5. ERTS

The DOD SACC members were kept informed on the status of project planning, internal and external discussions, and budget positions. The technical project description and classified staff paper were provided for DOD review to permit any issues to be raised prior to the final FY 1970 budget decisions; no objections were noted. The final work statement has now been approved by SACC for release.

6. Apollo Missions 6 and 7

Plans for obtaining space photography of the earth were coordinated with the DOD SACC members; Mr. Tidwell, Chairman, COMIREX; and with

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Attachment 1

Mr. Jessup in the Executive Office. Photographic performance data were submitted to the DOD members for both missions and were determined to be within guidelines.

Procedures for the post mission review of the space photography were established by MSC and NASA Headquarters and were coordinated with the DOD SACC members and Mr. Tidwell. Interagency reviews of this photograph were accomplished and in each case all the photography was approved in writing by the team leader for NASA release.

Queries to the NASA Office of Public Affairs from UPI and AVIATION WEEK regarding the post mission review of space imagery on Apollo 7 were received and the Response to Queries developed was coordinated with the DOD SACC members and Mr. Tidwell. An article in AVIATION WEEK alleged that NASA was holding Apollo 7 photography from release. This article has precipitated similar articles in the world press.

7. Apollo 7 Concurrent U-2 Photography

Photographic coverage of selected NASA test sites in the Southwest was obtained during the Apollo 7 mission for comparison with NASA aircraft and spacecraft acquired imagery. Steps are underway to arrange for useful dissemination of the data. DOD SACC members were apprised of this activity.

8. Apollo 8

NASA's plans to carry on 250mm and a 120mm focal length lens on the lunar orbital mission in addition to the usual 80mm focal length lens have been coordinated with the DOD SACC members and with Mr. Tidwell; the guidelines were determined not to apply to lunar photography in this case.

9. DOD Astronomy Position

DOD has informed NASA that the current astronomical satellites are not considered as sensitive in terms of reconnaissance technology or optical performance as long as they remain dedicated to astronomy; NASA will brief DOD SACC members on the Astronomy program.

10. DOD Synchronous Meteorological Position

DOD has informed NASA that they have no objections to meteorological photography from synchronous altitude with systems of higher resolution than defined in the guidelines.

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NASA has undertaken to keep DOD informed in advance of plans for such missions; it was recommended NASA prepare a policy paper for MSFPC consideration to formalize present accepted practices.

11. ATS-D

When ATS-D malfunctioned and the possibility of high-resolution earth imagery from low orbit arose, NASA took steps to assure that any such imagery would be held for review prior to release and that attempts to operate the system were not publicized. DOD concurred in the approach and implementation.

12. NAS/NRC Committee on Remote Sensing

The NAS/NRC request for financial support of this committee was discussed with DOD and support has been limited to those activities mutually agreeable to NASA and DOD. DDR&E action was forwarded to SACC for information.

13. U-2 Flight Test

DOD SACC members are looking into the possibility that the RCA RBV will be tested at high altitude in time for the results to be of significance to NASA.

14. Lockheed Antenna

DOD has requested NASA to provide an appropriate interface between Fairchild-Hiller and Lockheed on the question of the space history of the deployable Lockheed antenna being considered as an element of the Fairchild-Hiller proposal for ATS F and G.

15. GSFC ERTS Feasibility Study

This study, classified SECRET, was provided upon request to a Congressional staff member. Action has been completed within SACC for the declassification of this report.

16. Planning Research Corporation Reports

A suspected breach of security by Planning Research Corporation on a NASA contract was resolved by SACC.

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List of Future Meeting's and Symposiums (as of May 1969)

Earth Resources Satellites ) Committee on Water Resources Research) data to be Meeting - EOB ) selected	Mr. Jaffe, Dr. Tepper, Mr. Fong
Spacecraft Oceanography ) Southeastern Fisheries Association) June 14, 1969 Tampa, Florida )	Mr. Fong
The Practical Applications of ) Space Technology to Our Problems Here) on Earth. ) June 6, 1969 Combined Kiwanis Clubs ) Ottawa, Canada	Mr. Don Rog





**AGENDA  
13TH SACC MEETING  
12 MAY 1969  
1000 - 1200 HRS. FOB-6**

1. Approval of minutes of 12th meeting.

**OLD BUSINESS**

2. Review of coordination items since last meeting.
3. Status report by NASA on development of a TOP SECRET policy document.
4. Report on NASA Earth Resources Technology Satellite (ERTS-A and B) and request for any contributing DOD technology.

**NEW BUSINESS**

5. Consideration of paper prepared by the DOD Members on interpretation of SACC Guidelines.
6. Information Items.

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The Practical Applications of ) Space Technology to Our Problems Here) June 6, 1969 on Earth. ) Combined Kiwanis Clubs ) Ottawa, Canada )	Mr. Don Roge