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SURVEY APPLICATIONS COORDINATING COMMITTEE

Washington, D. C.

20 September 1967

*File
NASA/SACC*

MEMORANDUM FOR THE EXECUTIVE SECRETARY, SURVEY
APPLICATIONS COORDINATING COMMITTEE

SUBJECT: Review of NASA Research and Technology Resumes

Thirty-three NASA research and technology resumes have been reviewed as a follow-up to discussions at the Seventh Meeting of the Survey Applications Coordinating Committee. DOD comments on these resumes are attached.

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Paul E. Worthman
PAUL E. WORTHMAN
Colonel, USAF
Member

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DOD COMMENTS ON NASA RESEARCH AND TECHNOLOGY RESUMES

1. No. 160-75-03-02-72 Panoramic Camera, Supporting Research

This project will require special attention and control by NASA to assure that it is conducted within the constraints specified by the SACC charter.

This project could be delayed until the on-going review of TKH photography sponsored by the President's Science Advisor has been completed and the results evaluated.

2. No. 160-75-03-01-72 Metric Camera, Supporting Research

This project will require special attention and control by NASA to assure that it is conducted within the constraints specified by the SACC charter.

3. No. 160-25-02-71-72 (U) On Ground Data Handling for Earth Resources Survey Aircraft

No comment; not within terms of SACC scope.

4. No. 160-75-02-72 (U) Procurement and Support of Remote Sensor Systems

This project will require special attention and control by NASA to assure that it is conducted within the constraints specified by the SACC charter.

5. No. 160-75-02-01-72 (U) Aircraft Flight Operations and Modifications

No comment; not within terms of SACC scope.

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- 6. 160-75-01-02-10 Potential Economic Benefits to Agriculture

No objection as long as the study is limited solely to exploitation, as opposed to acquisition.

- 7. 160-75-01-04-10 Development of Spectral Correlation Techniques in Agriculture

No objection as long as the study is limited solely to exploitation, as opposed to acquisition.

- 8. 160-75-01-03 Pattern Recognition of Crops and Test Site Development

No objection as long as the study is limited solely to exploitation, as opposed to acquisition.

- 9. 160-75-01-07-10 Spectral Reconnaissance of Irrigated Region Crops

Suggest the word "reconnaissance" be deleted.

No objection as long as the study is limited solely to exploitation, as opposed to acquisition.

- 10. 160-75-01-20 Identification and Inventory of Primary Tree Species by Remote Sensing

This project will require special attention and control by NASA to assure that it is conducted within the constraints specified by the SACC charter.

No objection as long as the study is limited solely to exploitation, as opposed to acquisition.

- 11. 160-75-01-24-10 Tree Species and Vigor Identification

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No objection as long as the study is limited solely to exploitation, as opposed to acquisition.

12. 160-75-01-30 Geographic Research Using Space and Aircraft Acquired Data

This project will require special attention and control by NASA to assure that it is conducted within the constraints specified by the SACC charter.

This project should be reviewed in light of the TKH photography study being sponsored by the President's Science Advisor and reoriented accordingly. No objection to those aspects of the project which are limited solely to exploitation.

13. 160-75-01-37-10 Cartographic Applications of Space and Aircraft Acquired Data

This project will require special attention and control by NASA to assure that it is conducted within the constraints specified by the SACC charter.

This project could be delayed until the on-going review of TKH photography sponsored by the President's Science Advisor has been completed and the results evaluated.

How is cartography to be applied to oceanography and agriculture?

14. 160-75-01-40 Administrative and Technical Support for Geological Studies Utilizing Spacecraft and Aircraft Acquired Data

This project will require special attention and control by NASA to assure that it is conducted within the constraints specified by the SACC charter.

15. 160-75-01-44 Ground Truth Investigations of Geologic Test Sites

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No objection as long as the study is limited solely to exploitation, as opposed to acquisition.

- 16. 160-75-01-49-10 Earthquake Investigations, San Andreas Fault, California

No objection as long as the study is limited solely to exploitation, as opposed to acquisition.

- 17. 160-75-01-60-10 Remote Sensing Studies of Hydrologic Phenomena for Aircraft and Spacecraft

No objection as long as the study is limited solely to exploitation, as opposed to acquisition.

- 18. 160-75-01-80-10 Oceanographic Program Administration, Technical Support, and Documentation

No objection as long as the study is limited solely to exploitation, as opposed to acquisition.

- 19. 160-75-01-83-10 Passive Microwave Studies for Oceanographic Applications.

No objection as long as the study is limited solely to exploitation, as opposed to acquisition.

Request explicit limitation to passive means be included in the objective.

- 20. 160-75-01-84-10 Studies Related to Sea Surface Temperature

This project will require special attention and control by NASA to assure that it is conducted within the constraints specified by the SACC charter.

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No objection as long as the study is limited solely to exploitation, as opposed to acquisition.

21. 160-75-01-87-10 Oceanographic Uses of Photography

No objection as long as the study is limited solely to exploitation, as opposed to acquisition.

22. 160-75-04-02-10 (U) Program Planning and Mission Studies

This project will require special attention and control by NASA to assure that it is conducted within the constraints specified by the SACC charter.

This project should be reviewed in light of the TKH photography study being sponsored by the President's Science Advisor and reoriented accordingly.

23. 160-75-03-12-72 Ultraviolet absorption and Stimulated Emission Studies of Minerals

This project will require special attention and control by NASA to assure that it is conducted within the constraints specified by the SACC charter.

24. 160-75-03-19-51 (U) Dielectric Tape Camera

No objection.

25. 160-75-03-04-51 (U) High Resolution Return Beam Vidicon Camera

This project will require special attention and control by NASA to assure that it is conducted within the constraints specified by the SACC charter.

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- 26. 160-75-03-06-51 (U) High Resolution Display and Film Recorder

No objection as long as the study is limited solely to exploitation, as opposed to acquisition.

- 27. 160-75-03-08-72 (U) Infrared Spectrometry Studies in the 7-30 Micron Range

No objection as long as the study is limited solely to acquiring aircraft data.

- 28. 160-75-03-09-72 Infrared Imagery Studies and Wide-Range Spectral Scanner System Studies

No objection as long as the study is limited solely to acquiring aircraft data.

- 29. 160-75-03-10-72 Absorption Spectroscopy

No comment; not within terms of SACC scope.

- 30. 160-75-03-07-72 Radar Systems Studies for Earth Resources

This project will require special attention and control by NASA to assure that it is conducted within the constraints specified by the SACC charter.

- 31. 160-75-03-11-72 Microwave Imagery and Radiometry Studies

This project will require special attention and control by NASA to assure that it is conducted within the constraints specified by the SACC charter.

- 32. 160-75-02-15-10 VHF Chirp Radar

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No comment; project seems to be terminating.

33. 160-75-03-13-72

Geologic Applications of Magnetic Field
Measurements

No comment; not within terms of SACC scope.

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