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FROM: CSAF

TO: AFSC

SAMSO LOS ANGELES CALIF

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SPECIAL INSTRUCTIONS

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SUBJECT: Information Policy on Termination of the Lunar Mapping and Survey System.

1. Background Facts:

A. Early in the development of the Apollo manned lunar landing program, it was decided that in addition to moon landing site certification efforts such as surveyor and lunar orbiter, it would be prudent to develop an additional back-up capability. This capability was to be designed so that, if not needed for site certification, it could be employed as a scientific survey and mapping tool for lunar exploration.

B. NASA requested assistance from DOD in designing and procuring an automated camera system for the IMSS mission because of DOD's extensive experience in the development of

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DRAFTER

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aerial photographic systems. Following the pattern of other joint efforts, NASA and DOD concluded an agreement for the acquisition of the LM&SS.

C. NASA, DOD and various contractors completed studies to determine such things as performance characteristics, weight limitations and other details for the LM&SS. Development and fabrication of the system was undertaken by Eastman Kodak Co. and the Lockheed Missiles and Space Company under the supervision of the Space and Missile Systems Organization (SAMSO) of the Air Force Systems Command. The system was to be delivered to NASA in mid-1968.

D. NASA has advised DOD that the Surveyor and Lunar Orbiter programs have provided sufficient data for the selection of Apollo lunar landing sites cancelling the requirement for a precursor orbital Apollo mission for site identification; and a NASA reevaluation of the system for possible use in the Apollo Applications Program indicated that current program schedules and requirements plus budgetary considerations made this undesirable. Therefore, NASA decided to terminate the LM&SS. The DOD has been asked to consider appropriate disposition of existing hardware components.

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2. Information policy and procedures.

A. Public information activities relating to the development and current status of the LM&SS system developed for NASA by DOD will be carried out basically in accordance with NASA information policy and procedures. However, security considerations require that the guidance and procedures outlined below be followed by all concerned.

B. NASA does not plan to issue a news release or volunteer a statement to the press on this subject. They plan to respond to query only when the action becomes known through its notation as one entry among many program changes necessitated by the FY 68 and FY 69 budget situation.

C. DOD public information activity will also be on a "response to query" basis only. Responses to queries should be based on the information contained in para one above or para three below.

D. Any statements relating to the LM&SS system will reflect clearly the limited role of DOD in the project as stated in the NASA/DOD agreement of April 20, 1964: "The Air Force as responsible DOD agency will provide technical assistance to NASA by developing and providing manned lunar

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mapping and survey flight equipment to meet NASA's requirements." However, no attempt should be made to withhold unclassified information on the assistance provided by the AirForce in developing the system. Such references should be treated as another example of DOD assistance to NASA in national space exploration programs.

E. Responses to queries will reflect the fact that development of the LM&SS equipment was undertaken strictly for NASA's use in its lunar program. Now that the program has been terminated DOD has been asked to make appropriate disposition of the hardware components. No statement will be made regarding any potential DOD or NASA use for such equipment.

F. Queries regarding reasons for termination of development will be referred to NASA. Queries received by AF officials on DOD involvement which cannot be answered within the context of the material in para one above or para three below, will be referred to DOD.

G. NASA will refer queries regarding AF involvement in the LM&SS to SANSO Director of Information.

H. LM&SS contractors will not volunteer statements, and will refer requests for information beyond the fact that

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<p>they were LM&SS contractors to SAMSO or NASA.</p> <p>I. LM&SS camera equipment will not be publicly displayed, and pictures or drawings of the equipment will not be released.</p> <p>J. Information regarding LM&SS camera system design, specifications and capabilities will not be released.</p> <p>3. Answers to potential queries:</p> <p>A. Question: Why was the Apollo M&S development conducted by the DOD?</p> <p>Answer: NASA relied heavily on DOD consultation for both the lunar orbiter and the Apollo M&S systems. The matter of aerial photographic systems has, of course, been a technology pursued by the DOD since the early days of aviation, and they have greatly advanced the state-of-the-art with respect to aerial photographic systems. Under Apollo M&S, it was largely a decision involving how best, in terms of management, to apply the long continuity of the DOD people in this field, to this very exacting mission.</p> <p>B. Question: Is this the SAMOS camera?</p> <p>Answer: This camera was developed specifically for the Apollo lunar mission. (DOD policy is not to comment on this former project name or any speculation about it.)</p>					
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<p>C. Question: What are you going to do with the equip- ment now?</p> <p>Answer: It will be stored pending a decision on possible future uses.</p> <p>D. Question: Who in the DOD was doing this work?</p> <p>Answer: The USAF under the Air Force Systems Command at the Space and Missile Systems Organization which has provided support to NASA on other space projects.</p> <p>E. Question: Who were the contractors working with the Air Force on the project?</p> <p>Answer: Lockheed Missile and Space Company was the prime contractor, responsible for building the payload module and integrating the cameras into the payload module. Eastman Kodak and ITEK Corp. were building camera systems.</p> <p>F. Question: Can we see the equipment? If not, why?</p> <p>Answer: No, it involves classified technology.</p> <p>G. Question: Didn't LMSC also work on the SAMOS Program?</p> <p>Answer: (No comment.)</p>					
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<p>H. Question: Is the system adaptable to an earth mapping or reconnaissance mission?</p> <p>Answer: This system was designed to meet specific requirements of the Apollo program. Similar requirements have not been established for earth application. GP-4.</p>											
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