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24 Sep 69

MEMORANDUM FOR DR. SEAMANS

SUBJECT: NASA Proposals to Study MOL ATS and DORIAN
Technology

NASA has proposed two actions related to continuing examination of their potential for using MOL developed hardware and technology. These are contained in their letters of 12 September 1969 (Atch 1 and 2). These actions involve the Acquisition and Tracking System (ATS) and the DORIAN optics technology.

Regarding the ATS, NASA desires to contract with General Electric Co. and possibly ITEK through the Air Force (SAFSP) to study the applicability of this hardware to their experiments program. This appears to be a straight forward first step and we agree with NASA's suggestion that the existing security guidelines remain in effect during such a study. To support this activity, we should inform the affected termination contracting officer of the need to freeze the ATS and related equipment pending completion of the study and/or transfer of the equipment to NASA. Required from NASA are the funds and a statement of work to form a basis for an SAFSP contract.

Preparation of the work statement might be expedited by providing NASA with the assistance of two or three Air Force officers, now in AFSC Headquarters and thoroughly familiar with the equipment in question. Such an arrangement would also facilitate establishing a DOD/Air Force position of interest and intent regarding the experiment.

DORIAN

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The question relating to the DORIAN optics technology appears equally straight forward and workable through the steps suggested by NASA. Arrangements have been made for a visit to the Eastman facility for the purpose proposed. Mr. Hubbard of the MOL Office will represent the NRO and accompany the party to Rochester.

In general, we feel it is most advisable to conduct all studies related to determining feasibility and desirability of using these equipments within the BYEMAN security system. At the appropriate time the pertinent policy questions will be addressed.

I have prepared a letter for your signature to Dr. Newell expressing our willingness to cooperate in both areas at least to the extent addressed in their request. It also suggests that steps be taken at the working level to prepare necessary work statements, arrange for transfer of funds, and proceed with the task. By separate means, I will enlist General King's assistance with contracting and related activities.

*101
McLuhr*

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