~~SECRET~~ File A BRO 5 b

Handle via BYEMAN
Control System
DORIAN

June 12, 1967

MEMORANDUM FOR RECORD

SUBJECT: DORIAN Status Briefing to Dr. Hornig

On 6 June a 1½-hour MOL Program status briefing was given to Dr. Hornig and several members of his staff. A list of viewgraphs used for this briefing is attached. The briefing was received with great interest and several specific questions were asked.

1. What is the status of the Image Velocity Sensor?

We replied that there were presently two contractors working on the technology and that there still are significant problems to be resolved, primarily systems integration compatibility with the tracking system. General Stewart indicated that next month he intended to travel to these contractors and invited Dr. Steininger to join him in this review.

2. Has the Acquisition and Tracking Scope been selected and have we accomplished the simulations necessary for the selection?

We described the resolution capabilities and design features of the ATS, and it was affirmed that simulations were conducted.

NOTE: I am concerned that at the next PSAC review, this will be a key subject of discussion. We will have difficulties, because I do not believe that the simulation program to determine viewing conditions through the ATS was done thoroughly enough. Particularly the aircraft simulation which was recommended by Dr. Land was not undertaken, and I am sure he will be disappointed.

3. Dr. Steininger raised a question about the present status of acceptance of the [redacted] resolution requirement although there was no particular reaction from Dr. Hornig that he shared in Dr. Steininger's concern. It seems that this question may be raised again by PSAC.

4. In discussing our measures to prevent recurrence of the Apollo 204 type accident, Dr. Hornig--who just had received a thorough NASA review on Safety--expressed the opinion that the man responsible for safety should not be part of the engineering team which is responsible for the design and development.

5. The most significant discussion ensued from our statement that we have deferred the Readout System. Drs. Hornig and Steininger

DRS 2117-67 SAFSL Control

~~SECRET~~

Handle via BYEMAN
Control System

expressed surprise that we had done so since this was one of the key tools for utilization of man in MOL. When I suggested that the Readout System may have been an unfortunate victim of circumstances since the requirement for Readout had been denied to the GAMBIT[3] program, Dr. Hornig responded rather strongly that this was a specific decision with regard to a specific unmanned program and does not apply to MOL. I have asked Dr. Steininger to help formulate this opinion more precisely in some written document.

MICHAEL I. YARYMOVYCH
Technical Director
MOL Program