MEMORANDUM FOR MR. ALAN M. ELDRIDGE, AFNINC

SUBJECT: DOD's Termination of the Air Force's Manned Orbiting Laboratory (MOL) Program

Reference is made to General Stewart's memorandum for General Philpott, 10 June 1969, subject as above. This memorandum provides further guidance on those aspects of ACIC support to the MOL program which are affected by the termination of the program.

Attached for your information is a message received from ACIC giving the current status of the Master Photo Chip (MPC) program. It is suggested that the 1600 MPC's which have been produced be preserved at ACIC until you can determine their possible use in meeting other DIA or USAF target positioning requirements. Disposition instructions for the simulator stimulus material at ACIC will be provided by the MOL Systems Office.

It is understood that DIA is providing instructions for personnel debriefings and for disposition of classified materials and MOL program-related studies. If further guidance is required in these areas, it is suggested that you contact Colonel Ralph J. Ford, MOL Program Office (SAFSLP).

The attached ACIC message suggests a plan for reprogramming the manpower no longer needed to support the MOL Program. This office has no comments on these suggestions and assumes that AFNIN will accomplish the necessary reprogramming actions.

DANIEL L. LYCAN
Lt Colonel, USA
MOL Program Office

cc: Col Ford, SAFSLP
NRO APPROVED FOR
RELEASE 1 JULY 2015

THIS FOR LT COL LYMAN
BASED ON RECENT INFORMAL DIRECTION RECEIVED FROM AFHIN REGARDING
CANCELLATION OF THE "ML," HAS MADE A PRELIMINARY ANALYSIS
OF THE VARIOUS IMPACTS THIS ACTION WILL HAVE ON [REDACTED]
RESULTS OF OUR ANALYSIS ARE AS FOLLOWS:
A. EQUIPMENT AND SUPPLIES - IT IS OUR UNDERSTANDING THAT
EFFECT AT THE ML SYSTEMS OFFICE TO LET CONTRACTS FOR DEVELOP-
MENT AND DELIVERY OF EQUIPMENTS TO [REDACTED] WILL BE STOPPED.
BECAUSE THIS EFFORT HAS BEEN RECENTLY INITIATED, WE EXPECT THAT
VIRTUALLY ALL OF THE 1.5 MILLION DOLLARS PROGRAMMED FOR THIS
PURPOSE IN THE [REDACTED] BUDGET WILL BE RECOVERED. IN ADDITION,
A TOTAL OF 113,000 DOLLARS IS ESTABLISHED IN [REDACTED] FY 72 BUDGET
FOR PROCUREMENT OF EQUIPMENTS AND SUPPLIES, RELATED SERVICES, AN-
ITY, OF WHICH 113,000 DOLLARS CAN ALSO BE SAVED. OTHER EQUIP-
MENTS AND SUPPLIES ESTABLISHED FOR PROCUREMENT USING FY 69 HOMES BY
[REDACTED] ARE TABULATED BELOW. IN EACH OF THESE CASES, THE FUNDS
SHEPHERD HAVE BEEN EXPENDED AND THE ITEMS HAVE DIRECT APPLICATION.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>NO. UNITS</th>
<th>TOTAL COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>PICKARS VIEWING TABLE</td>
<td>6</td>
<td>$26,000</td>
</tr>
<tr>
<td>CALCULATOR (HAND)</td>
<td>2</td>
<td>16,000</td>
</tr>
<tr>
<td>PLOTTER (CALCUIP-FLAT BED)</td>
<td>1</td>
<td>82,000</td>
</tr>
<tr>
<td>PRINTER (CONTACT)</td>
<td>1</td>
<td>2,000</td>
</tr>
<tr>
<td>FILM (70MM X 250FT)</td>
<td>252 (ROLLS)</td>
<td>5,770</td>
</tr>
<tr>
<td>PAPER (PROJECTION PRINTING)</td>
<td>400 (ROLLS)</td>
<td>12,000</td>
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R: WAPNER - OUR DORIAN LETTER TO HQ USAF CAFMIN, G.
GENERAL THOMAS) DATED 14 MAR 69, ALONG WITH OUR SECRET LETTER TO
HUSAFA (AFORD) DATED 13 AUG 69, STATED A REQUIREMENT FOR
TO INCREASE OUR AUTHORIZED STRENGTH TO A LEVEL OF 89 YEARS 8
FY 72 FOR THE SENTINEL COPE PROGRAM. THIS REQUIREMENT WAS
RECONFIRMED IN SUBSEQUENT AIR FORCE REPORTS CONTROL DOCUMENTS.
OF FY 79. OF THE 69 MANYEARS FULL COMPLEMENT OF PERSONNEL, WHICH
WAS INTENDED TO BE USED DURING FY 79, 29.6 MANYEARS CONSISTED
OF THAT REQUIRED TO SUPPORT THE MOL. THE REMAINING 21
PERSONNEL WERE SCHEDULED TO BE REASSIGNED DURING THE FIRST QUARTER

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>MANYEARS</th>
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<tbody>
<tr>
<td>JOG-R</td>
<td>14.7</td>
</tr>
<tr>
<td>JOG-A (SINO-SOVET BLOC)</td>
<td>13.5</td>
</tr>
<tr>
<td>CLASS III MUM'S (SAC FIELD SUPPORT)</td>
<td>10.4</td>
</tr>
<tr>
<td>CLASS III MUM'S (NON/TPC SUPPORT)</td>
<td>11.8</td>
</tr>
<tr>
<td>MCAC PRODUCT DEVELOPMENT ADVANCED WEAPON SYSTEM SUPPORT)</td>
<td>9.0</td>
</tr>
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</table>

IN ADDITION, WE ASSUME OUR MANNING WILL BE REDUCED BY THE 2.2
MANYEARS PRESENTLY ALLOCATED UNDER THE MOL LINE ITEM ITSELF.
IF NO FURTHER PROGRAM SUPPORT IS REQUIRED ON THE PART OF
C. PRODUCTION RESUME - WE HAVE SUSPENDED PRODUCTION BEYOND
THE 1600 NPC GRAPHIC MATERIALS PRODUCED TO DATE. OF THIS TOTAL,

THE RELATED GEODETIC REDUCTION HAS BEEN DETERMINED FOR 362
NPCS. FOLLOWING FINAL MOL PROGRAM GUIDANCE, IT IS OUR INTENTION
TO TEMPORARILY CONTINUE TO PREPARE GEODETIC DATA FOR THE
REMAINING 362 NPCS, SINCE THERE IS A POSSIBILITY OF ITS APPLI-
CATION TO OTHER POSITIONAL PROGRAMS. CONCERNING SUPPORT OF
THE SIMULATION EFFORT AT WE HAVE COMPLETED
2/3 OF THE GLASS PLATE SLIDES REQUIRED FOR STAGES I, II, IIIA.
WORK ON THE REMAINING 300 SLIDES ESTABLISHED FOR STAGES IIIB
AND IIIC HAS BEEN SUSPENDED.

D. IF WOULD BE REQUIRED, IN THE FUTURE, TO SUPPORT
UNMANNED MISSIONS EMPLOYING THE MOL CAMERA SYSTEM, THE FOLLOWING
INFORMATION IS PROVIDED FOR YOUR CONSIDERATION.

1. A DATA BASE, CONSISTING OF NPCS OR SOME DIFFERENT
FORMAT, WOULD CONTINUE TO BE PRODUCED TO SATISFY THIS REQUIREMENT
AND SIMILAR POSITIONAL REQUIREMENTS DISCUSSED WITH IN RECENT
MONTHS.

2. WE ARE CONDUCTING AN ANALYSIS AS TO THE COST EFFECTIVE-
NESS OF USING NPOS, AS COMPARED TO OTHER PRODUCTS AND TECHNIQUES, FOR DERIVING AND PROGRAMMING AIMING POINT POSITIONS.

F. REQUEST YOUR COMMENTS ON THE ACTIONS DISCUSSED ABOVE AND

THAT BE PROVIDED WITH PROGRAM GUIDANCE AS SOON AS POSSIBLE FOR APPROPRIATE PHASE-OUT OF OUR MOL SUPPORT. WE STRONGLY RECOMMEND THAT THE DATA CONTAINED IN PARA A (117,220 DOLGARS) AND PARA B, ABOVE BE USED AS A BASIS FOR RESPONDING TO BOB QUERIES. WE CAN SUBMIT APPROPRIATE REVISED CIP PAGES FURTHER DOCUMENTING OUR PROPOSED REPROGRAMMING ACTIONS, SHOULD YOU REQUIRE THEM, GROUP 1.

TOP SECRET

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TOP SECRET

Handle Via BYEMAN

Control System

DORIAN