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TCS-1618-63-KH
11 June 1963

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MEMORANDUM FOR THE RECORD

SUBJECT: Request from Dr. Fubini, OSD DDR&E, for Estimates of the Processing Load which could be expected from an L-Type KH Reconnaissance System Resolving 5' Ground Object Sizes

1. During the discussions of the Purcell Panel on 4 June, Dr. Fubini several times expressed the subject request.
2. The processing load has been considered in two phases - Wet Chemical Processing and First Phase Photo Intelligence Processing. The general estimate summarizes per mission as follows:
 - a. Chemical Processing - 1500 man days
 - b. First Phase P.I. - 1300 man days
(Includes OAK, MCI, Plotting, Intell. Processing, Tech. Processing, Editorial, Graphics, Laboratory, ADP, Collateral and Miscellaneous)

2800 total man days

It must be noted that chemical processing is accomplished at Eastman with three shifts of 50 men each working ten days to accomplish the processing of the original negative and some 37 other duplicate positives and duplicate negatives for the US-UK T/KH Community. Second, no estimate is made of the number of detailed P.I. reports or comprehensive studies which may be wholly or partially generated from the L-Type T/KH photography. Further, any photography is used over and over in conjunction with new world situations, new collateral data or as baseline comparisons with future photo coverage in determining buildups in any given area. Therefore, the figure of 2800 man days could be substantially increased depending upon these latter factors.

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3. Inasmuch as the foregoing represents a first cut estimate we would prefer to have our results reported verbally to Dr. Fubini and harden them after our first experience with L-type KH materials;

4. It is suggested that Dr. Scoville, as the DD/NRO, review these figures and inform Dr. McMillan and Dr. Fubini in the manner he thinks would be most appropriate.

[Redacted Signature]

ARTHUR C. LUNDHAL
Director

National Photographic Interpretation Center

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