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Handle Via BYEMAN
CHANNELS ONLY



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PRIORITY CHARGE.

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HEXAGON

FOR ANDERSON/HOFMANN FROM WHEELER

SUBJ: HEXAGON FILM CAPABILITIES

REF: A. CHARGE 3083

B. CHARGE 2617

C. WHIG 0568

1. THE REQUEST IN REF A TO INVESTIGATE USE OF UUTB WAS APPROVED IN REF C WITH CERTAIN CONSTRAINTS. AS STATED IN THE DIRECTOR'S RECOMMENDED PROGRAM, THE POLICY TO MINIMIZE SYSTEM CHANGES AND MISSION IMPROVEMENTS EXCEPT TO INCREASE OPERATING LIFETIME AND RELIABILITY APPLIES TO THIS CHANGE. IN ADDITION, THE DNRO RECOMMENDED TO THE

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JULY 74 EXCOM THAT PROPOSED IMPROVEMENTS SUCH AS A 25 PERCENT FILM INCREASE SHOULD BE HELD IN ABEYANCE FOR THE TIME BEING. HENCE, THE DECISION TO IMPLEMENT UUTB ON SOME FUTURE VEHICLE WILL REQUIRE DNRO REVIEW AND APPROVAL SUBSEQUENT TO THE \$250K STUDY.

2. IN CONSIDERING NEAR-TERM ALTERNATIVES TO UUTB, YOU INDICATED IN REFERENCE B. THAT YOU WOULD CONDUCT A PERIODIC REVIEW OF THE REWIND ALTERNATIVE. SINCE THE COMMUNITY HAS ANTICIPATED A PHOTOGRAPHIC CAPACITY IMPROVEMENT AND ASSOCIATED IMPROVED REQUIREMENTS SATISFACTION FOR SOME TIME BASED ON THE LIFTING OF THE REWIND CONSTRAINT, YOU SHOULD ENDEAVOR TO SOLVE THE CONTAMINATION PROBLEM ON AN EXPEDITED BASIS. IN ADDITION, REQUEST YOU CONSIDER USING FULL REWIND DURING THE LATTER PART OF 1210-4 TO VERIFY THE REWIND MODIFICATIONS ACCOMPLISHED.

3. IN PREPARATION FOR A POSSIBLE ANNOUNCEMENT TO COMIREX THAT THE FILM INCREASE DUE TO REWIND WILL NOT BE FORTHCOMING IN BLOCK II, REQUEST YOU PROVIDE FURTHER DATA ON THE SUBJECT FOR MR. PLUMMER'S REVIEW BY 1 MAY 1975:

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- A. WHAT ARE THE SPECIFIC CONTAMINANTS WHICH HAVE CAUSED CATASTROPHIC FAILURES?
B. WHAT SPECIFIC CORRECTIVE ACTION IS BEING TAKEN TO ELIMINATE THIS CONTAMINATION?
C. WHAT DO YOU ESTIMATE AS THE PROBABILITY THAT FULL REWIND WILL BE ACCOMPLISHED ON 1213?
D. ANY OTHER BACKGROUND OR EXPLANATORY DATA WHICH YOU FEEL WOULD BE USEFUL.

E-2 IMPDET

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