

6 Sept 1966

STAT

C/ESS

ATTN: [redacted]

Declass Review by NGA.

Subj: Proposed Cof S for Multiple Image Integration Study.

1. Bill, be prepared to disagree with my reactions if you will.

2. This [redacted] proposal seems to reinforce my conviction that they have not proved feasibility of the electronic processing system. It implies that they have proven it is not feasible since they are abdicating it for a non-printing optical system.

3. This is a discouraging turn since I still feel there are many unanswered questions about the electronic process. They did not mention the limitations of MTF and S/N which are much more serious than the bandwidth.

4. The limitation of integrating only two exposures inherent in the human integrator would provide us with nothing we are not already experienced with in stereo viewing.

5. Bill, even if this proposal were down a logical track, and I don't believe it is, it is much too trivial to be worth consideration. I believe [redacted] should be given a hard-line on this item - as much guidance as you can possibly give them, and a requirement for a comprehensive factual proposal for a study to define the limitations of a Multiple-Image Integration Printer (Electronic) in terms of MTF, S/N, BW and all the known image variables such as, resolution, attitude distortion, focal length, lens distortion, shadow, relief distortion, discontinuity, scan lines, [redacted]

6. I am doubtful if we should pursue this matter any further with [redacted] in light of this proposal - which duplicates our Auto Stereo Program.