

DRAFT
NFIC/DSP:mt
25 Sept 1961

*Retyped - 9 Oct. 61
in final dx*

Honorable A. V. Astin
Director, National Bureau
of Standards
Washington 25, D. C.

Dear Mr. Astin:

It is essential for certain activities of the Central Intelligence Agency that we establish procedures and techniques for measuring the quality of finished photography. The procedures we use should of course be compatible and acceptable throughout the entire scientific community, otherwise practical benefits that will derive therefrom will be limited.

We have under development from a commercial source certain equipment which is intended to measure photographic quality in terms of resolution, acutance, and granularity. This equipment is nearing completion and we must soon make basic decisions as to the scalar values to be recorded on these instruments. Since this problem is one of considerable interest to the scientific community we would like to obtain the benefit of guidance and assistance from the National Bureau of Standards in establishing appropriate qualitative and quantitative values for output readings on this equipment. Technical details and additional information can be obtained from Mr. A. C. Lundahl, Director, NFIC, telephone number

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I would greatly appreciate early assistance from your organization on this matter as we urgently need to develop appropriate capabilities in this field.

Sincerely,

Allen W. Dulles
Director