

May 24, 1965

Man

DEVELOPMENT OBJECTIVES COMMENT

1. "Light Characteristics for Photo Interpretation - - Study".
2. "Human Visual Integration Study".

At the request of [redacted], these two development objectives were discussed with [redacted] and also with [redacted]

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The Light Characteristics Study was of considerable interest, but the Visual Integration Study was not.

It is not feasible for [redacted] to contract direct for such work. There are 3 other possibilities:

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- a.) Contract direct with the University.
- b.) [redacted] work as consultants for a company such as [redacted]
- c.) A company such as [redacted] subcontract with the University for a research program to be conducted by [redacted]

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For alternate (a), the administrative response time of the University is far too long for your time scale. A proposal must go through an administrative chain of approvals for space, personnel, equipment and finally is acted on by a meeting of the Board of Regents. This takes about 4 months or more.

Alternate (b) did not appeal to [redacted]. Since such an arrangement would not be a part of their own research program, it would tend to dilute their efforts.

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Alternate (c) appeared to be feasible since [redacted] could provide the proper response time to you.

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In addition, the follow-on contract to [redacted] is being set up on a program management basis, and these studies would be a natural adjunct to it.

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Declass Review by NGA.

STAT [redacted] has a keen interest in both develop-
ment objectives and is planning to submit proposals. [redacted]
STAT [redacted] has discussed the programs with [redacted]
STAT [redacted] and has come to an agreement of mutual interest, and
they have in general terms blocked out a proposed working
arrangement which it is expected would be satisfactory to
both the University and [redacted] is planning to
incorporate in his "Light Characteristics" proposal an
investigative program to be carried out [redacted] under di-
rection of [redacted] STAT
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I suspect that a melding of Company and University attitudes
would be most productive for your purposes. The thoroughness
and high calibre of competence of University research would
be combined with continuous technical monitoring by the Com-
pany to be sure they stick to the point.

STAT [redacted] has been doing some work in perception, which
may be of interest. He has found that under some repro-
ducible conditions, patterns are actually perceived which
do not exist. These patterns are associated with a step
response. My first impression is that they are similar to
the response of an under damped servo. If that is so, his
work may shed some light on the Modulation Transfer Function
of human observers.

STAT [redacted] complimented the Development Objectives write-up
for the Light Characteristics Study. He felt they were very
well done.

I believe that a strong University program on Light Character-
istics would be well worth while. It would have to be a long
range program. The first year's results would probably be
dissappointingly meager, but by the end of 5 years you would
probably wonder how you ever got along without it. I also
believe that your other work in experimental psychology
should be brought in to the picture by including in their
activities a quarterly or semi-annual review of the
University Program.

The present is an appropriate time to get [redacted] started on
such a program. The Department of Psychology has recently
moved into a new building, and they are generally expanding
their activities. It would certainly be desirable to get
them started down a path which is closely allied to your
needs. STAT
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[redacted]