

DRAFT/ [REDACTED]  
17 August 1960

MEMORANDUM FOR: THE RECORD

SUBJECT : MKULTRA, Subproject 119

1. The purpose of this subproject is to provide funds for a study conducted by [REDACTED] to make a critical review of the literature and scientific developments related to the recording, analysis and interpretation of bioelectric signals from the human organism, and activation of human behavior by remote means. When initiated this study was being done on a consultant basis by <sup>Sauls, Sec 12</sup> [REDACTED]. The reason for converting this into a Subproject is to provide more flexibility in the disbursement of funds for various kinds of assistance and equipment needed.

2. As indicated in the attached proposal this study is to provide an annotated bibliography and an interpretive survey of work being done in psychophysiological research and instrumentation. The survey encompasses five main areas:

- a. Bioelectric sensors: sources of significant electrical potential and methods of pick-up.
- b. Recording: amplification, electronic tape and other multi-channel recording.
- c. Analysis: autocorrelators, spectrum analyzers, etc. and coordination with automatic data processing equipment.
- d. Standardization of data for correlation with biochemical, physiological and behavioral indices.
- e. Techniques of activation of the human organism by remote electronic means.

[REDACTED]

119-18

3. In lieu of higher overhead rates, title to any permanent equipment purchased by funds granted the [redacted] shall remain with the [redacted]

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4. The cost of the project will be \$6,370, including \$2,500 already allotted [redacted] as a consulting fee, for one year beginning 1 July 1960. This project will be handled as a grant-in-aid from the [redacted] and the handling of funds disbursed will follow the standard practice set up for that organization. Charges should be made against Allotment 1525-1009-1902.

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5. [redacted] and others at [redacted] who may become associated with the project will be completely unwitting of Sponsor.

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[redacted]

TSD/Research Branch

APPROVED FOR OBLIGATION OF FUNDS:

A

[redacted]

Research Director

Date: 9/9/60

Attached: Proposal & Budget

Distribution: Original Only

[redacted]



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[REDACTED]  
[REDACTED] - Project

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To make a critical review of literature and scientific developments related to the recording, analysis and interpretation of bioelectric signals from the human organism and activation of human behavior by remote means.

As it is visualized, the task should begin with a general survey of research and instrumentation in a number of fields; including neurophysiology, biophysics, anatomy, physiological psychology and neuropsychiatry, as well as electronics, telemetry and communications engineering. At the same time that bibliographic and related activity is initiated, correspondence should be undertaken with all laboratories, companies and agencies working in or carrying out activities related to designated areas of the broad survey problem. Visits to laboratories may be undertaken if needed.

The divisions of the problem fall naturally into five main areas:  
(1) bioelectric sensors: sources of significant electrical potential and methods of pick-up; (2) recording: amplification, electronic tape and other multi-channel recording; (3) analysis: autocorrelators, spectrum analyzers, etc. and coordination with automatic data processing equipment; (4) standardization of data for correlation with biochemical, physiological and behavioral indices; (5) technics of activation of the human organism by remote electronic means.

ability to  
design  
wire

Progress has been made and the list of laboratories, investigators and resources in the Bioelectronic study is in preparation.