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S-223/DT

Background Paper for the Comptroller

SUBJECT: SSCI Add-on for SUN STREAK (U)

1. (U) PURPOSE: To provide the breakout of the additional funds identified by the SSCI in support of SUN STREAK efforts.

2. (U) POINTS OF MAJOR INTEREST:

a. (S/NF) The SSCI has identified a potential add-on to the FY91 budget of \$8 million to support SUN STREAK efforts. This paper provides the breakout on how these funds will be used. Note that the program consists of two aspects: phenomenological research and operational pursuits. The research aspect is accomplished by DIA with the support of various research activities. The operational aspect has been pursued via the DIA special access program SUN STREAK, that is currently under U.S. Army operational control. Future research should be kept separate from any SAP activity to facilitate open research and to involve other laboratories and research centers.

b. (S/NF) The basic approach for this breakout is to denote the majority of the funds (about two thirds) to intelligence applications, with a smaller portion being used to continue research activities. This allocation results in a balanced program that further advances the effort toward the goal of operational use, while assuring a sound basis for the concept and phenomenology is developed. Particular emphasis will be given to investigating conditions that enhance reliability and repeatability.

c. (S/NF) The specific breakdown of the effort is as follows:

<u>Task</u>	<u>Amount</u> (\$M)
Applied Research	3.6
- Magnetoencephogram (MEG) applications	(1.6)
- Target and targeting phenomenology	(1.0)
- New applications investigations	(1.0)

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Operational Investigations and Support	1.6
- Reliability and Repeatability Investigations	(1.2)
- SUN STREAK (U.S. Army) Support	(.2)
- Computer support and maintenance	(.1)
- Travel (Science Oversight Committee, QRT, and Mgt.)	(.1)
Basic R&D	2.8
- Brain mapping phenomenology via MEG techniques	(2.0)
- Physical and biophysical model development	(.8)
TOTAL	<u>8.0</u>

3. (U) EXPECTED DEVELOPMENTS: Due to the nature of this program, with heavy reliance on established laboratory and research facilities, it is appropriate that these funds be managed by DIA to assure proper technical oversight, continuity with previous research activities, and exploitation of related foreign developments.

COORDINATION: None.

PREPARED BY:



DT-5B

APPROVED BY:

SG1J

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25 June 1990

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Ref: [REDACTED] note dtd 22 June 1990, Subj: Same as above

Lew:

(U) Enclosed is the background paper you requested by the referenced message. Please advise if you need anything else on this subject. We would appreciate being kept informed of developments on this add-on.

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