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DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
CNO EXECUTIVE PANEL
WASHINGTON, D. C. 20350

IN REPLY REFER TO

1 April 1982

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MEMORANDUM FOR DR. RICHARD DE LAUER, UNDER SECRETARY OF DEFENSE FOR RESEARCH & ENGINEERING

Subj: Research Program Proposal (U)

Encl: (1) Subject proposal

1. (S) As you suggested in our meeting on 25 March 1982, I have outlined a draft program proposal for Exceptional Human Functioning research within the Department of Defense.

2. (C) Such a program should be comprehensive, meticulous in experimental protocols, multidisciplinary, and closely protected. Estimated costs for a four year, FY 83-86, effort would approach $8M and probably entail the creation of a small management cell (2-3 people) within OUSDRE.

Very respectfully,

Jake Stewart

JAKE W. STEWART
Captain, U.S. Navy

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FOREWORD

The following outline presupposes that several concepts and definitions are implicitly understood.

The term Exceptional Human Functioning (EHF) implies the directed use of human consciousness for the enhancement of a range of human capabilities. A subset of EHF, often termed "psychic, paranormal, or PSI phenomena" is used in a broad sense to include the effects that both domestic and foreign laboratories have observed with human subjects interacting in an undetermined way with observables ... usually physical objects, places, or electronic processes and occasionally with electromagnetic devices. Specifically included are what is commonly called remote viewing, extended sensory capabilities, random process clairvoyance, precognition, telepathy, and healing.

Although it seems virtually certain that some sort of psychic phenomena do exist, it is less certain that PSI phenomenon can be controlled sufficiently to permit its development into a cost-effective, operational system. I do not prejudge the cause or etiology of PSI effects.

PROGRAM OUTLINE

I. A coordinated national Exceptional Human Functioning research program should have four initial objectives encompassing multiple specific project areas:

A. The four main objectives, in order of their importance, should be:

1. To provide to potential customers sufficient evidence for the existence of each phenomenon to permit credible use.

2. To develop effective, repeatable, or statistically useful applications for psychic capabilities.

3. To provide both correllative and non-confirmatory data to help evaluate foreign programs.

4. To study and if possible elucidate the putative scientific mechanisms underlying and governing each paranormal capability selected for study.

B. The specific project areas should include:

1. Remote viewing (including precognitive aspects)

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a. To gather information from target locations that cannot be accessed via normal means.

b. To assist in determining target priorities for judicious employment of the more expensive, less readily available, COMINT, SIGINT, PHOTINT, or HUMINT collection systems.

c. To receive coded agent messages.

2. Psychokinesis (PK)

a. To examine the vulnerability of electronic/electromechanical systems of known reliability.

b. To disrupt foreign electronic information processing systems, and to protect US systems from unauthorized penetration.

c. To provide data for evaluating foreign reports that a person's physiology or behavior can be altered remotely via psychic means.

3. Telepathy

a. To establish a covert communication channel.

b. To provide data for evaluating foreign reports that psychically induced "mind control" is feasible.

II. To be fully effective the research program should be:

A. Operationally focused

1. Research should first concentrate on:

a. Utility.

b. Repeatability.

c. Control.

2. Additional, basic research should attempt to:

a. Discover the mechanisms which may provide an understanding of the conditions under which the phenomena can be used most effectively.

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B. Multidisciplinary

1. Physiologists, psychologists, and physicians should study and monitor the subjects.

2. Physicists, neuro-physiologists, anthropologists, and biophysicists should study the phenomena.

3. Engineers should design equipment to facilitate experimental measurements and to attempt to enhance psychic capabilities through technical augmentation.

4. Statisticians and information theorists -- in consultation with primary researchers -- should design and review experimental methods and judging procedures.

C. Diversified

1. Several independent groups or laboratories, including ones from academe, should demonstrate the capability to exploit each phenomenon selected for study.

2. Experimental results should be evaluated by both experimenters within the program and later by an independent multidisciplinary panel not otherwise involved with the contractor.

3. Within the limits of security, both "in-house" and contract groups should participate as researchers.

D. Tightly coordinated

1. A single, unified DOD/Intelligence Community Oversight Board (chaired by DEPSECDEF) should provide security, cover, general guidance, full coordination, and should oversee and originate tasking of all research groups under DOD/Intelligence Community contract.

2. The Oversight Board will concern itself as necessary with issues relating to the applicability of existing federal guidelines (e.g., Executive Order 12333, Section 2.10, 4 Dec 1981) and statutes on human experimentation in bio/psychological testing. Issues relating to individual rights-of-privacy will also be referred to the Board.

3. The operational research program element should be compartmented while the basic research area should proceed in an unclassified but restricted setting.

E. Integrated

1. Whenever possible each scientific discipline represented in the research program should work jointly with members from other disciplines.

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2. Informal cross-fertilization of ideas should be encouraged among scientists, subjects, customers, and operators.

3. Multidisciplinary critiques and post-audits of project activities should be conducted as appropriate by a Review Panel and by a separate group familiar with the field, but not otherwise involved in the research.

F. Stable financially

1. Research budgets should be stable, and overlapping from fiscal year to fiscal year to permit:

a. Managers to be included in the budget allocation to each contract team.

b. Researchers the time to do research and not spend excessive time marketing for end-of-year and follow-on support.

c. Improved security control of the projects: including goals, communication, and progress.

III. The ultimate success of the program depends on:

A. Consumer acceptance.

1. Sufficient "ground truth" data must be available or generated to document the reliability and useability of each operational system to give an objective consumer confidence in the system's use.

2. Sufficient training must be provided to select PSI intelligence consumers and producers to enable them to use and to interpret psychic data appropriately.

B. Scientific understanding

1. Biophysical/human consciousness studies to elucidate the mechanisms underlying each psychic phenomenon must be undertaken to assess:

a. How the system can be operationally optimized.

b. How, when, or if the system can be compromised or defeated.

c. A system's full potential.

d. Threats existing from foreign research.

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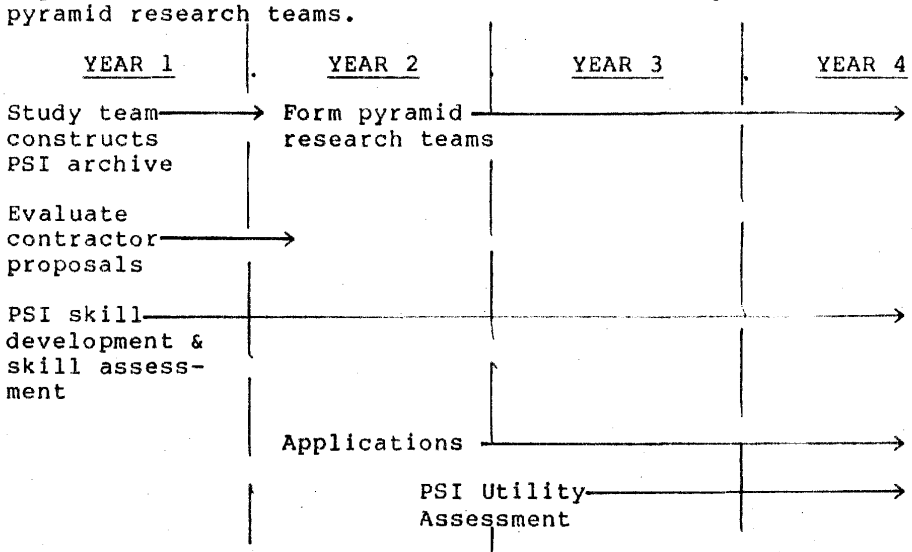
PROGRAM STRUCTURE AND CONTENT

I. The program consists of essentially two parts: (1) classified compartmented research on the operational uses of RV, PK, and telepathy, and (2) basic research directed toward the better understanding and description of Exceptional Human Functioning (EHF). An abundance of information exists on EHF, particularly as it relates to the PSI phenomena. As a first step, a study team should be established to survey the appropriate literature and other extant data bases (Library of Congress, Washington Research Center/San Francisco, etc.) to create an archives to support the two principal research program elements. Work on RV, PK, and telepathy would focus initially on PSI skill development and assessment, thence on applications, and eventually PSI utility assessment. Basic research would concentrate on fundamental physics and brain/consciousness research through the formation of pyramid research teams.



II. Candidate research centers or activities for operational efforts include:

RV: US Army Intelligence and Support Command, Ft Meade, MD
Defense Program Office, DIA
McDonald Douglas Aerospace, Huntington Beach, CA
SRI International, Menlo Park, CA
FBI Science Laboratory, Quantico, VA
Missile Intelligence Command, Huntsville, AL

PK: Lawrence Livermore Labs, Livermore, CA
Walter Reed Army Medical Center, Washington, DC
Mind Science Foundation, San Antonio, TX
University of Delaware, Lewes, DE
Armed Forces Radiobiology Research Institute (AFRRI), Bethesda, MD
McDonald Douglas Aircraft, St. Louis, MO
Boeing Scientific Research Laboratories, Seattle, WA

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National Security Agency, Ft. Meade, MD
Eyring Research Institute, Provo, UT
Naval Surface Weapons Center, White Oak, MD

The following illustrative catalog of tasks would be allocated among the centers that demonstrate the requisite capability for such research.

Task	Operational Utility
1. RV Training	Provides more data with higher reliability
2. Feedback Requirements	Determines mix of classified and unclassified feedback
3. Interviewer/Analyst Training	Extracts more RV data pertinent to target
4. Audio and Semantic Analysis Techniques	Identifies correct and incorrect RV data
5. Spatial Resolution	Ascribes reliability factor to targets of various sizes
6. Training Requirements	Provides for use of alternative targeting procedures
7. Spatial Acuracy (CEP)	Improves reliability of identifying target
8. RV Evaluation Techniques	Extracts and assess "hidden" data from RV session
9. Remote Perturbation of Electronics	Manipulates foreign electronic systems (computers)
10. Remote Perturbation of Mechanical System	Manipulates foreign mechanical systems (gyros)
11. Multidisciplinary Conferences	Exchanges technical informational on how to better use RV/PK
12. RV Application Assessment	Identifies potential applications for intelligence
13. RV Countermeasure Analysis	Explores CM techniques that deny access or misinform
14. Multiple Asset Targeting	Provides more diverse data on target, increases signal

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Task	Operational Utility
15. RV Pictorial Response Correlations	Improves data interpretation
16. Crisis RV Evaluation	Evaluates psychological conditions of operational RV
17. Accuracy Dependence on Target Type	Indexes targets that can be RVed with greater success
18. Associational RV Targeting	Increases targeting opportunities
19. Alphanumeric RV	Permits remote analytical functioning; e.g., reading
20. Psychoenergetic Intrusion Detection	Provides for security access control and detection
21. Computer Assisted RV	Uses alternative RV technique for locating targets
22. Temporal Resolution	Ascribes reliability factor to event timings
23. Error Correcting RV Communication	Provides a secure communication link
24. Intelligence Analysis and Assessment	Evaluates use and analyzes utility with regards to reliability
25. Environmental Effects Assessment	Delineates impact of environmental factors on noise RV
26. Distance-Dependent Reliability	Estimates reliability factor for targets at various distances
27. Additional Remote Perceptual Modalities	Opens up RV to provide information on all physical aspects of target
28. Locating/Tracking RV	Establishes reliable spatial tracking technique
29. Temporal Accuracy	Evaluates the timing accuracy for isolating target events
30. RV Channel Capacity	Establishes data rate in secure communications link

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The attachment illustrates an example time phasing of the tasks listed above.

III. Candidate basic research centers include:

Brain Functioning:	Armed Forces Radiobiological Research Institute, Bethesda, MD Naval Ocean Systems Center, San Diego, CA Neurosciences Research Foundation (MIT/ Rockefeller University), New York Salk Institute, La Jolla, CA Naval Air Development Center, Warminster, PA Johns Hopkins University/APL, Baltimore, MD Menninger Foundation, Topeka, KS Duke University, Durham, NC
Archival Data:	Mobius Group, Los Angeles, CA SRI International, Menlo Park, CA Esalen Institute, Mill Valley, CA Princeton University, Princeton, NJ Army War College, Carlisle Barracks, PA
Fundamental Physics:	Institute for Advance Studies, Princeton, NJ Lawrence Berkeley Labs, UC/Berkeley Lawrence Livermore Labs, Livermore, CA SRI International, Menlo Park, CA University of North Carolina Ballistic Missile Defense Command, Aberdeen, MD Lincoln Labs, Cambridge, MA Mission Research Corp., Santa Barbara, CA Washington University, St. Louis, MO

IV. The program management structure within the Department of Defense should consist of an Oversight Board, the program manager, and possibly two or three project directors for RV, PK, and Data Base/Basic Research. The Oversight Board might include: DEPSECDEF, USDRE, DDCI, ATCJCS, PDUSDPC^{3}I, and the Program Manager. Advisors to the Board would be DOD General Counsel, ASD (Health Affairs), the Assistant Director FBI/Counter Intelligence, Deputy Director USSS/Presidential Protection & Task Force on Terrorism. A working group subordinate to the Oversight Board would review as appropriate issues for Oversight Board's consideration.

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V. Four year EHF program costs ($ million) are estimated as shown:

	FY 83	FY 84	FY 85	FY 86	83-86
Applied Research	0.9M	1.1M	1.3M	1.5M	4.8M
Basic Research	0.35M	0.65M	0.6M	1.0M	2.6M
Data Base	0.25M	0.25M	0.1M	--	0.6M
TOTAL	1.5M	2.0M	2.0M	2.5M	8.0M

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ATTACHMENT

Task	First Year	Second Year	Third Year	Fourth Year
1	RV Training	RV Training	RV Training	RV Training
2		Feedback Requirements	Feedback Requirements	
3	Interviewer/Analyst Training	Interviewer/Analyst Training	Interviewer/Analyst Training	Interviewer/Analyst Training
4		Audio & Semantic Analysis Techniques		
5		Spatial Resolution	Spatial Resolution	
6	Targeting Requirements	Targeting Requirements		
7		Spatial Accuracy (CEP)	Spatial Accuracy (CEP)	
8	RV Evaluation Techniques	RV Evaluation Techniques	RV Evaluation Techniques	RV Evaluation Techniques
9		RP of Electronics	RP of Electronics	
10	RP of Mechanical Systems	RP of Mechanical Systems	RP of Mechanical Systems	RP of Mechanical Systems
11	Multidisciplinary Conferences	Multidisciplinary Conferences	Multidisciplinary Conferences	Multidisciplinary Conferences
12		RV Application Assessment	RV Application Assessment	RV Application Assessment
13		RV Countermeasure Analysis	RV Countermeasure Analysis	RV Countermeasure Analysis
14			Multiple Asset Targeting	Multiple Asset Targeting
15			RV Pictorial Response Correlations	
16			Crisis RV Evaluation	
17			Accuracy Dependence on Target Type	
18			Associational RV Targeting	
19			Alphanumeric RV	Alphanumeric RV
20			Psychoenergetic Intrusion Detection	Psychoenergetic Instrusion Detection
21			Computer Assisted RV	
22			Temporal Resolution	Temporal Resolution
23				Error Correcting RV Communication
24				Intelligence Analysis & Assessment
25				Environmental Effects Assessment
26				Distance-Dependent Reliability
27				Additional Remote Perceptual Modalities
28				Tracking/Locating RV
29				Temporal Accuracy
30				RV Channel Capacity

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