

RECOMMENDATIONS: EXTENSIONS TO FY 1991

The following recommendations for extending the Statement of Work (SOW) for FY 1992 are based upon the anticipated results from the FY 1991 experiments. The numbering scheme matches that of the SOW.

6.1 Long Term Research Plan

Done.

6.2 Basic Research

Research that is primarily focused toward the mechanisms of anomalous mental phenomena is defined as basic research.

6.2.1 Magnetoencephalograph (MEG)

Using the same basic experiment protocol as the FY 1991 study, examine the effect of a "sender" in α -phase shifts resulting from remote stimuli.

6.2.2 Data Patterns/Correlations

6.2.2.1 Change of Entropy (ΔS)—Improve the ΔS of the MEG stimulus and determine if the α -phase shift effect sizes improve.

6.2.2.2 ΔS Experiment—Done.

6.2.2.3 Geomagnetic Fluctuations (GMF)—Based upon GMF—Anomalous Cognition (AC) correlations, design and conduct an AC experiment to verify the correlation with new AC data.

6.2.2.4 AC Correlations Literature Search—Done.

6.2.3 Theoretical Issues

6.2.3.1 Theoretical Constructs—Task the identified physicists to explore potential transmission mechanisms for ΔS or other special wave phenomena.

6.2.3.2 Targeting

(1) Meta-analysis of sender/no sender condition—Done.

(2) Design and conduct pilot trials for Ganzfeld experiment to test sender/no sender condition—Done.

Conduct enough formal trials in the Ganzfeld (i.e., approximately 400) to specify conclusively the sender requirement in AC-Ganzfeld experiments.

6.2.3.3 Communications

(1) Meta-analysis—Done.

(2) Pilot Experiment—Done.

6.2.4 Altered States

6.2.4.1 Lucid Dreaming—Confirm the pilot results by conducting controlled laboratory experiments of AC in lucid dreams.

6.2.5 Energetics

6.2.5.1 Anomalous Perturbation (AP)—Obtain an off-the-shelf Mossbauer apparatus and conduct pilot trials in an AP experiment.

6.3 Applied Research

Research that is primarily focused toward the mechanisms of anomalous mental phenomena is defined as basic research.

6.3.1 Magnetoencephalograph

Test the hypothesis that high-quality receivers can be identified by the effect size of the α -phase shift resulting from remote stimuli.

6.3.2 Correlations/Pattern Analysis

6.3.2.1 Correlations—Done.

6.3.2.2 Beacon Conditions—See 6.2.3.2.

6.3.3 Training

6.3.3.1 Empirical Training Analysis—Done.

6.3.3.2 Subliminal Training Protocol—Done.

6.3.4 Applications

6.3.4.1 New Approaches—Done.

6.3.4.2 Communications—Conduct a communication experiment into a sponsor-supplied location.

6.3.4.3 Enhancement—Done.

6.3.4.4 Analysis—Apply neural network analysis in an application domain.

6.4 Research Methodology

6.4.1 Scientific Oversight Committee (SOC)

Maintain an active SOC.

6.4.2 Institutional Review Board (IRB) and Policy Oversight Committee (POC)

Maintain an active IRB and POC.

6.5 Support Activity

Done.