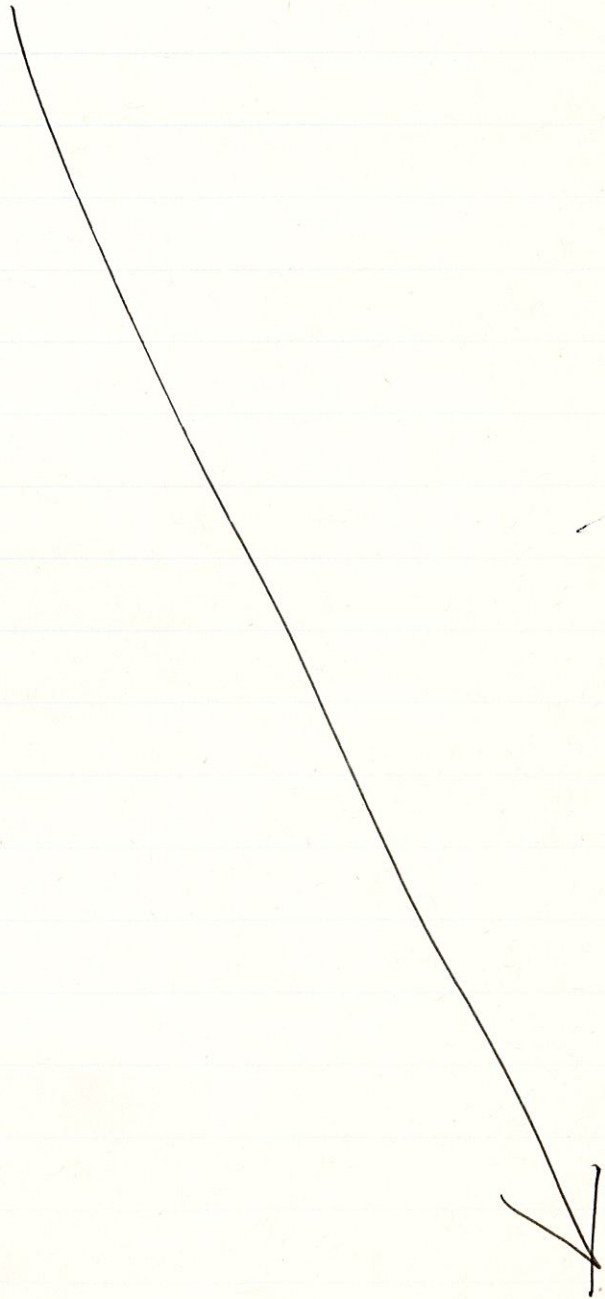


PART TWO

Conceptual discussions



1. INTRODUCTION

a. Purpose: The purpose of this present document is to provide assistance, knowledge and guidelines to planners involved ⁱⁿ with ~~with~~ ascertaining directions and locating specific tasks in the general area of psychoenergetics.

To be effective in this purpose, this document must attempt to describe and convey the implications and meanings of the findings that have occurred during our most recent epoch (1981-1983) of research. It must then project and expand conceptualizations into areas that are not totally known. The difficulties of so doing in psychoenergetics are quite strenuous.

We wish to take some care in extrapolating inferences based on assumed continuity, correspondence and other parallelisms of what we have uncovered against those assumed directions and taskings that might be undertaken during the forthcoming epoch (1984-1988) of research.

b. Note of alert. The 1978 state-of-the-art of psychoenergetic research expectations and the 1983 state-of-the-art findings are considerably different. Some of these findings can not even be reduced into the nomenclature upon which 1978 psychoenergetic research was based. Frankly, we wish it were possible to simply make a list of recognizable headings, and underscore priorities with red ink. ^{But} If we were to resort to this type of reductionist tactic, we would be totally unable to extrapolate future directions and taskings that incorporated our recent findings.

Furthermore, we are required to bear in mind the context of one of our tasks that goes under the heading of "threat analysis." Final and ultimate judgements in this area do not, of course, lie uniquely or ultimately with us. But the knowledge that certain aspects of psychoenergetics can and probably will take on political and military significance leads us to the wish to be as clear and incisive as is possible.

Conversely, since we will be introducing novel conceptualizations during the course of this presentation, we would hope than planners will wish to consider with some attention the novel elements we are obliged to set forth.

For purposes of this present guideline, and to serve as a point of reference, we wish to attach, as annex 2, the general schema of action ~~x~~ items for research in psychoenergetics as those items were viewed in 1978. But we are now able to view progressive research within the contexts of several sets of experience that did not exist ~~as~~ as of 1978. A new schema follows at the end of Part One above.

~~has been prepared and is attached to Appendix B.~~
follows this ~~introduction~~

As we review each area, whether it is a novel area or not, we will endeavour *discuss it in the several contexts of:*
to ~~establish a priority~~ for it:

1. Clearly positively indicated
2. Theoretically indicated
3. Politically or militarily indicated
4. Counter-indicated.

We wish to expose the planner or reader to each category of information through the following general format:

1. Background
2. Recommended action
3. Reasons for recommendation
4. Our estimation of consequences of negative action.
5. ~~And, in some cases, steps following approval.~~

While we can not, of course, anticipate all questions, we wish to draw out each point in sufficient length to at least establish basic and valid rationales for each point here brought to discussion.

2. THREE YEAR GRILL FLAME PROGRAM (SUMMARY)

A. Goal was to elevate remote viewing to a point where it could be used to gain intelligence information.

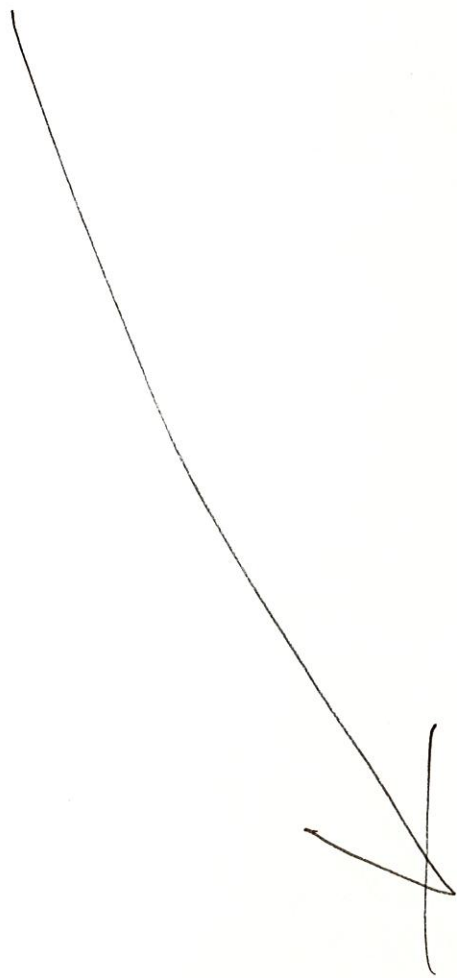
B. The following were accomplished during the three years:

(1) A method of selecting people with psi abilities was initiated.

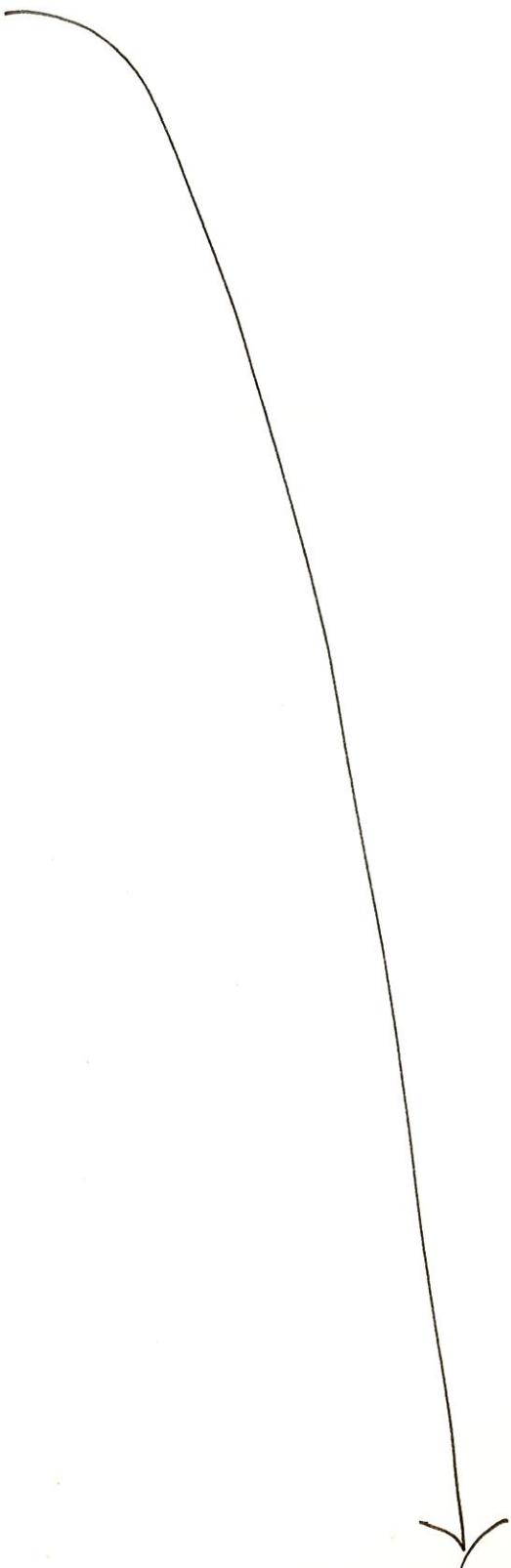
(2) A training program was developed and several persons trained to produce psi data.

(3) An evaluation system was developed.

C. The Grill Flame Program was applications-oriented as indicated by the sponsors.



LIST OF ~~TAPES~~ *Training lectures*

1. Stage One Introduction (Jan 78)
 29. CRV Training - Stage 3--Motion & Mobility
 3. Inclemencies (10 Msrch 80)
 4. ~~Salyer~~ *General* Briefing (March 12 80)
 5. Viewer Training (20 Oct 80)
 6. Monitor Training (20 Oct 80)
 7. Monitor Training (21 Oct 80)
 8. Viewer Training (22 Oct 80)
 8. Monitor Training (22 Oct 80)
 9. Viewer Training (23 Oct 80)
 10. Monitor Training (23 Oct 80)
 11. Monitor Training (24 Oct 80)
 12. Viewer Training (27 Oct 80)
 13. ~~Swann Salyer~~ *Updated* Briefing (2 Nov 80)
 14. Target Selection (6 Apr 81)
 15. Stage 3 (8 June 81)
 16. Tech Training (15 June 81)
 17. Trackers & Sketches (16 June 81)
 18. Intro Lecture (16 Nov 81)
 19. Objective/Subjective Ideograms (17 Nov 81)
 20. Basic Conduct of Sessions (18 Nov 81)
 21. Training Site Selection (2 Dec 81)
 22. Forming Ideograms (5 Dec 81)
 23. AOL Multiple Ideograms (23 March 82)
- 

LIST OF TAPES (concluded)

24. Stage 3 Signal/Analytical
25. Cond. of Sessions (7 Jul 82)
26. Stage 1 & 2 Lecture (23 Aug 82)
26. Misc. Ideogram Const. (24 Aug 82)
27. Review Stage 1, P. 1 Gestalt Thru Stage 2 (30 Aug 82)
28. Basic Lecture Stage 2 (13 Sep 82)
29. General Orientation 1 thru 6 (7 March 83)
- 30 . Horizontal & Vertical Ideograms; AIs Rebriefed (8 March 83)
31. Stage 3 Dimensional Signals (11 March 83)
32. General Intro Orientation (~~Debbie~~) (5 Apr 83)
33. Basic Ideograms (6 Apr 83)
33. Basic Types of Ideograms (7 Apr 83)
34. Stage 3 Bilocation (8 Apr 83)

Twelve individuals (including three client preselected trainees) undertook to volunteer to be trained. Each trainee succeeded in achieving functional command over each element to which he or she was exposed, based against the criteria suggested by the nature of the characteristics themselves.

A complete SRI-client proprietary report concerning the exact nature and progress of this nucleus work is forthcoming (July 1983).

3. Necessity of Establishing a New Conceptual^{working} Definition Relative to "Psi Perceptual Functioning"

As a cumulative result of our increasing familiarization with "psi signals" and sets of novel experiences as to their deployment and management, we are obliged to bring into parlance a new working definition of "psi perceptual functioning."

The primary reason for so doing is that word definition leads to philosophical conceptions concerning any given area of interest. Either or both may be seen in retrospect to have been off the mark. This status does not accommodate "reason" very well; ~~but~~ in terms of scientific exploration, it tends to ~~deflect~~ accurate conceptual contact with the appropriate elements involved. This ^{in turn} leads to attempts to judge the phenomena against inappropriate criteria.

An in-depth study of the background of psychical affairs (beginning c. 1780 through the present) clearly establishes the fact that some epochs have been extraordinarily fruitful as regards the production of phenomena; while other epochs--especially that between 1948-1978--have seen a decline in observable phenomena under the constraints that were designed to observe them.

The assumption in this latter period has been that the constraints represented the best of applied scientific methodology; i.e., that this methodology was irreproachable, and that therefore the validity and reality of the phenomena were suspect. More precisely, in this latter epoch it was held that if ESP or psi-perceptual functioning could not be converted to statistical or quantitative one-to-one analyses, then the phenomena possibly were scurlious.

Yet, in science as a whole, it has long been generally accepted that strict quantification procedures were applicable only as regards objective cause/effects vis a vis physical or material interactions; while in the realms of psychological

studies which are involved with subjective and subliminal characteristics, mental attributes or functions were best assessable through estimations of pattern performance and increase or decrease of functioning.

The epoch in which psychological/mental attributes were held as inflexible "givens" is long gone. Yet, in parapsychological conceptualizations, psi perpetual functions are still being tested against objective quantification models designed to isolate a given ~~objectionable~~ ^{quantitative} single factor.

During the cumulative scope of our observation and isolation of psi perceptual characteristics, coupled with the successful learning curves of the engaged trainees, we are obliged to state that a new working definition must basically incorporate the following conceptual ideas:

- a. The basic psi perceptual function is a subconscious/subliminal interface of some kind that can (but not necessarily does) participate with some hitherto unidentified information carrying system. The information content can be converted from subliminal "meaning" ^{into conscious cognitive content.}
- b. Prior to emergence into cognitive or conscious processes of thought, certain elements of the information carrying system apparently prioritize themselves while still residing in the subconscious/subliminal domain.
- c. This "prioritizing" may be compared to the definitions of "modulation" as follow.
 - (i) "A fitting or regulating according to certain measure or proportion."
 - (ii) "An inflection or varying of the tone or pitch."

- iii
- (c) "The variation of a characteristic (such as amplitude, frequency or phase) of a carrier or signal in a periodic or intermittent manner for the transmission of intelligence."
- d. This "intelligence" can be summoned up out of the subconscious/subliminal area if the appropriate stimulus are discovered and applied intellectually by the percipient in a state of readiness.
- e. The modulated features of the "intelligence" are thrust up in varying rates of speed and volume into conscious, as a result of which two processes of apperception can be predicted:
- (i) The perception of meaning (enhanced by training).
- (ii) The arousal of processes of understanding in terms of one's previous experience (also enhanced by training).
- f. The entirety of this process is exceedingly variable. This variability is best grasped if one thinks of this system of intelligence transformation as a composite of different carrier waves that can be deformed, and often is, by internal mental noise as well as (as our evidence is beginning to suggest) unusual magnetic and geomagnetic conditions.
- g. This process is best monitored if it is ^{concerned} concerned as a "window" of opportunity, which ^{often} suffers from "down time" conditions. ~~probably more frequently than it benefits from "up time" sequences.~~ *Training enhances its "up-time" potential.*
- h. Through training, itself an extremely disciplined intellectual process, an increase of tolerance for the system can be gained, leading to possibilities of increase in performance.
- i. The yield (and judging) of the end product of this system is accessible and potentially utilizable through stabilizing patterns of performance and estimating increase or decrease of functioning.

4. SUMMARY OF NEW WORKING DEFINITION

Psi perceptual functioning may be conceived as the ^{successful} completion by an individual of obtaining information not accessible to direct physical perceptions. The achievement of this result implies the preexistence of three significant factors.

- (1) the universal presence of information in other than solely physical form;
- (2) the presence in human subliminal factors of a participatory ^{receiving} ~~reception~~ system that transforms information into meaning (signals) which are then impelled into consciousness and there "decoded" into understanding in terms of one's personal experience and cognitive aptitudes;
- (3) neither the information nor the reception/decoding systems are stable in nature, but may be thought of as variable and consisting of "waves," "amplitudes," and phases which are susceptible to perturbation, resulting in "noise," intellectual error, and misattribution of signal meaning.

~~to~~ Concerning this working definition, both the origin/nature of a universal information potential and the psychogenesis of the mental transforming systems remain problematical. These two issues will be addressed below. There is also imbedded in this overall conceptualization a very interesting contradiction, viz, while the information-cum-reception systems are exceedingly variable, the prioritization of the information when it is properly ^{re}acted and decoded is not variable but predictable. And as long as the prioritizing of the information is apperceived and followed by the percipient, the signal line increases in volume but becomes increasingly refined in specifics. The prioritizing of the information content is, therefore, very stable, and should be thought of as a "packet" within which is already arranged graduating levels of information.

3. A 5-Year ^{overview} ~~Outline~~ of R&D Incorporated on the New Working Definition

If the implications that can be derived from the utilization of this working definition, are taken note of, several area priorities immediately suggest themselves. These area priorities may be listed as follows. ~~Each will be taken up more completely below.~~

a. Universal information/intelligence interconnectedness

- i. Historical review and organizing of theories, evidence, phenomena, and speculations.
- ii. Extrapolation of cause/effect potentials within any discovered/hypothesized psi-psychological-mental states or conditions.
- iii. Entry points into controlled participation with interconnectedness.
- iv. Measures/countermeasures
- v. Shielding/deformation possibilities/*counter measures.*

~~American/European/Soviet/Chinese/Other~~^e

b. General R&D in specific areas guided and demarcated by ~~the following~~ conceptual headings: (*psi-linguistics*)

- i. Macropsychic
- ii. Micro psychic
- iii. Autopsychic (AP)
- iv. Hetropsychic (HP)
- v. Consensory perception (CSP)
- vi. Psi-empathy
- vii. Enkinesis
- viii. Transpersonal kinesis (TPK)
Trans-auto psychic

c. Enhancing Information Gathering Techniques

- i. Continued R&D in "packet" isolation, stabilization of their information content and structure, and the designing of training procedures relevant to transferring knowledge and aptitudes.

We may feasibly ^{anticipate} ~~estimate~~ that "packet" discoveries can be made in any or all categories listed in ~~Priority 2~~. 3 (b) above.

- d. Psychoenergetic relationships, interactions, variances, noise, shielding, perturbations.

- a. ^{electro} Magnetics
- b. Geomagnetics, ionosphere^{ic}, solar impacts
- c. Direct physiological/psychological relationships
- d. Cycles
- e. Increase/decrease performance studies
- f. Psi signals versus subtle environmental interactions
- g. Nutritional balance/reinforcement

e. Specialized tasks

- a. Human intercontact (consensory)(PSK)
 1. Information exchange (gathering)
 2. Tracking
 3. Searching

f. Psi group dynamics

1. Specialized psi group
2. Nonspecialized groups
3. Designs of group functioning experiments
4. Tasking studies

6. BASIC PSI SIGNALS:
R&D/TRAINING STUDIES

a. Theoretical Model

As of 1983, we find that our overall yields (understanding, CRV experiments, practical testing) and the quantum physics model of "universal enfolded order" of Dr. David Bohm* are mutually supportive.

A somewhat "scientifically popularized" version of Bohm's theories and their potential implications for psi has recently been published in Science Digest, March 1983, under the heading "Mind and Matter" by John Gliedman (attached as annex 4).

A graphic representation of Bohm's model is as follows:

1/2 page for chart

*Prof. of theoretical physics, Birkbeck College, London University.

*and implications
of theoretical model.*

6. Summary:

psi signals "pre-exist" and can be caused to "rise up" out of the matrix where, upon comprehension (through R&D) of their particular encoded character, they can be guided (through training) to proceed through the basic features of primary perceptual processes. Once this is achieved, their "meaning" can (through training) be "re-concretized" by normal analytical processes.

As many who will read this informal paper already know, the primary module or "packaged assembly" of this deliverable process is the ideogram. A complete discussion of this will be found in our forthcoming CRV report.

For purposes of future planning, we must emphasize that we have discovered only four generic types of ideogramic functions and associated features. That there are more is amply apparent.

We already can give evidence (from literature other than our own) that more refined types of ideogramic processes are available. We can hypothesize, with some certainty, that all these share common "root" functions (universals) but can be broken down (or evolved) into specific subsets.

This gives rise to the concept of psi-linguistics, or the locating and identifying of psi-signals into their natural subsets.

For example, we believe that a separate subset of psi-signals must exist especially as regards human-to-human contact. The reason for this belief is the fact that such type of signals is shockingly absent in the context of the totality of our last 3-year work. Yet in the psychiatric literature where human emotive awarenesses have been reduced experimentally reduced the ideogramic sequences, there is clearly available an ideogramic human impulse that remains to be discovered, and incorporated *and delivered.*

A breakthrough in psi-linguistics, especially with regard to human-to-human psi-interconnectedness would clearly lead to locating and tracking potentials.

We urgently recommend that R&D into psi-linguistics should continue as a priority.

c. *Consequences of negative action.*

If the implications suggested in this area are not pursued, we must assume that several areas of potential high yield in terms of PSI measures probably will remain undeveloped.

* See, Symbol Formation, An Organismic-Developmental Approach to Language and the Expression of thought, Heinz Werner and Bernard Kaplan, Clark University, John Wiley & Sons, Inc., N.Y. 1963.

7. PSYCHIC LINGUISTICS: LOCATING AND TESTING PSI "LANGUAGES"

a. Theoretical approach.

↳ It is clear that psi signals engage and are built upon microgenⁱc structures, the nature of which are intended not to be an end in themselves, but to be built upon. We may (at this time) think of this as a projection into creative reason of microgenic substructures (signals). They appear to be complex gestalts of meaning, value, proportion, relationships, etc., but which are projectable via simple forms. One might even wish to say "form-abstractions."

Once the microgenic signals are projected via appropriate form-abstractions into the thresholds of cognition and comprehension, they are seemingly then meant to be further entrained by further "gestalt-p~~ar~~t^s" that appear to increase signal bits by volume, and also by refinement of the meaning, value, etc., of the projected content.

This process is potential $\bar{\Lambda}$ and is not achieved in fact $\bar{\Lambda}$ unless the cognitive functions of the individual can comprehend and control not the content of the signals, but the system structure itself.

There are several information theories that are quite analogous to this, some quite successful. But they all hold generally that the fluency of types quality and extensiveness of information to be dealt with is dependent on the basic structures designed to house and cope.

More precisely, however, we can compare the taking over by cognitive command of psi signals to the taking over by children of a language system. Frankly, the exact forms of onset of the language function is not yet agreed upon by specialists. But it is agreed upon that unless the child early learns to process or entrain packets of information against value, meaning, relationships, within his or her own cognitive control, fluency will be limited and the powers of communication will be sorely imprisoned within simple verbal constructions that

of theoretical approach

6. Summary: Psychic signals appear to contain and project their own structures which ~~then~~ self contain already encoded content. Locating, identifying, and duplicating these structures (microgenic) allows the content (information) to be decoded via cognitive participation in their generic or gestaltic orders (packets) of importances (basic linguistics). We must assume that there are several of these, of which we have come upon at least six. It is clear that these transcend the "realisms" of time and space.

Consequences of negative action: If these aspects are not pursued with some vigor and as a priority, the state-of-the-art will probably be forced to remain potentially static, and continue to be considered only theoretically, intellectually and superficially. Additionally, if the Soviets, as a result of their "battle for *control* of consciousness" ⁽⁰⁹¹⁰⁰⁵⁾, have approximated in some form (vis, through research in psychological warfare tactics) the importance of microgenic mental formations, decision-makers in the U.S. might find themselves ill-equipped to assess the meaning of several novel areas.

8. Electromagnetic/geomagnetic correlations

a. Background

In the context of our 3-years work, we have been able to isolate, define, structure and train several different "sets" of psi signals. We are also able to account for noise/perturbation sources and ~~create~~ ^{establish} corrections for most of them.

b. Emergence of a problem.

One set of these, however, at times ~~undergoes~~ exhibits rather clear-cut declines. This set of signals, called ~~by us~~ ^{by us the} stage two (S-2) "signal line, specifically involves the experiencing by the viewer of physical sensations he might normally be expected to experience if he were actually at the site he is ~~now~~ remote viewing.

As a result of being able to "experience" these S-2's, the viewer is ~~quickly~~ ^{able} to ~~build up~~ dimensional aspects (vertical, horizontal, mass, volume) of the major site elements enter into the decoding processes of the viewer. These dimensional

aspects are indispensable to any further pursuit of the signal line

Since the dimensional references are built upon (or stimulated) ~~by~~ the S.2 signals, if they decline or are not present, the signal line "closes down."

while we cannot say for sure that we understand this anti-phenomenon, we are quite certain that it is not self-originating or self-induced in the viewer. Furthermore, ~~we have taken steps to~~ we have observed that this anti-phenomenon falls in "epochs," involving discrete time periods. And when it is present, it is shared by all viewers or trainees ~~to~~ attempting to work during the same time period. It represents, therefore, some kind of transient phenomenon external to the viewer or viewers

~~C. geomagnetic correlation~~

C. geomagnetic correlation (observed, but not yet quantified)

We have been pursuing the discovery of ~~the~~ sources of this situation rather vigorously for quite some time. While this pursuit is not without its complexities, we have been able to ~~show~~ ^{observe} that the 5-2 down-time ~~corresponds~~ ^{correlates} almost directly with ~~to~~ general planetary ^{disturbed} geomagnetic conditions.

If this is true (and we opine that it is) - the combined elements involved ought to be inspectable through a direct statistical analysis of them.

As a result of our observations we have involved ourselves, to the best of our ad hoc abilities, with such specialized ~~disciplines~~ items as involving the daily condition of the sun, sun spots, flares, ~~cosmos~~ ionosphere conditions, A + K indices, and ^{correlative} mass behaviour that comes and goes in discrete epochs.

d. Recommendations

At present we are preparing our general R&D archives so that we may be able to retrospectively extract from them the epochs of interest and correlate them with recorded epochs of geomagnetic disturbances.

We urgently recommend that this effort should continue and be enlarged considerably. The establishment of new understandings would be exceedingly valuable in that they would lead, inter alia, to an increase of, if not novel, understandings basic to ~~concepts~~ ~~to~~ ~~the~~ the requirements of shielding and countermeasures. We must already observe, however, that the concepts pertinent to ideas of shielding and countermeasures held by us - and by the field in general - as late as 1980 were probably very simplistic.

While, overall, this task is not without its formidable aspects, we have been gratified to learn that there already exists several well-established archives that have direct ~~any~~ relationships to the work we wish to undertake. For example, the cycles of the sun and their direct and inverse relationships to biological cycles and phenomena have long been under scrutiny, and exist as generally compiled archives at the Foundation for the Study of Cycles ^(Pittsburgh) and in the Journal of Interdisciplinary Cycles Research compiled and published in Holland.

There are also recording and reporting agencies, such as the National Oceanic and Atmospheric Administration (NOAA) at Boulder, Colorado, from which we can derive already configured data.

If we have been partially gratified in searching for beginnings of this task, we have also become aware of the quite disproportionate investigations into this general area between U.S. and Soviet efforts. While perhaps the existence of ~~biofields~~ electro-biofields has been scrutinized ^{by American researchers} to a great degree as relates to magnetic fields and microwaves, there exists hardly anything in the U.S. that can be seen as comparable to the new Soviet science generally incorporated under the heading of geomagnetobiology.

While Soviet geomagnetobiology has several subset precursors commencing c. 1910-1921, its current form appears to derive through the work of Aleksandr Prosmann; a brief biography is ~~given~~ ^{here} as follows;

**ELEI
FIEL**

By A.

Depart
Mosco

**Trans
by F.**

**Trans
Front**

" Aleksandr Samuilovich Presman completed the course of studies in the Faculty of Physics, Moscow University, in 1941. Following World War II, Presman engaged in the study of high-frequency physics. For the last two decades at the Institute of Labor Hygiene of the Academy of Medical Sciences of the USSR, the Central Institute of Health Resort Studies and Physical Therapy, and elsewhere he has studied the effects of electromagnetic fields on living organisms. Since 1966 he has given a special course on this subject in the Department of Biophysics, Faculty of Biology, Moscow University. "

Presman's book Electromagnetic
Fields and Life is quite ~~new~~ revealing.
Published in English translation in 1970,
it:

" Provides the first complete review of both experimental and theoretical data concerning the effects of electromagnetic fields of different frequencies on various organisms, ranging from protozoa to man. Comprehensive in its treatment, the volume surveys the effects of such fields at the molecular, cellular, organic, and organismic levels of organization. A pioneer in the field, it focuses on formulating and substantiating the influence of electromagnetic fields of infralow, low, and radio frequencies on life. This innovative and lucid work will be valuable to medical, agricultural and biological research as well as to the solution of some problems of bionics. An extensive bibliography is included. "

The contents ~~of~~ and implications of Presman's work will not, perhaps, be unfamiliar to American workers in similar or related fields. Presman's work, however, becomes overshadowed, and quickly so, by the implications of geomagnetobiology as it came into view in 1978, through the English translation of Aleksandr Dubrov's book ~~the geom~~ the geomagnetic field and life, geomagnetobiology.

Dubrov's book is summarized as follows:

"By determining the daily course of root excretions of different plants and comparing the course of this process with variations of the GMF, Dubrov has concluded that such a fundamental index of vital activity as the permeability of cell membranes is under the control of a special director - the GMF. . . the author lists 360 references to Soviet publications and 287 references to foreign publications. In the light of all these up-to-date data the author suggests that a new science - geomagnetobiology - has been born. . . its future will be of interest not only to biologists and physicians, and not only to geophysicists and astronomers, but to all those who are concerned with the course of development of contemporary creative science."

-Yu. Kholodov

"The book contains a great deal of interesting and intriguing material, and, although it cannot be causally accepted, it clearly reflects a 'rustling' of the universe that [Dubrov has] managed to detect and subject to scientific study."

-A. L. Kursanov, Academy of Sciences of the USSR

"This volume is the first extensive review of the biological effects of the geomagnetic field to be published in English. Analyzing the far-reaching effects of the GMF on living organisms, the author presents several provocative theories that bring us closer to understanding the mechanisms and implications of this phenomenon. Examining the decisive

The bibliography contained in this book clearly establishes both the seriousness and scope of Soviet interests in determining the parameters of geomagnetobiology. This bibliography is attached as annex ~~57~~, for purposes of orientation.

We must assume that geomagnetobiology must be capable, in Soviet analyses, of potential or real applications; and that it may (or must) have some direct relationship to "psychotronics" and potential PSICOPS in general.

A quiet study of the contents of Dubrov's bibliography is quite revealing. ¶ First, references 17, 45, 54, 82, 92, 243, 343, 425, 629 and 839 bear direct relationship to our own subset tasks. ¶ Second, although the brief review above indicates ~~360~~ 360 Soviet references and 287 foreign publications, there are

actually 1,228 references.

This may be just indicative of data-aid manpower, ~~but~~ and glossing out. But on the other hand it could also mean that the Soviet capability of assessing the field in depth is well in hand.

Third, there are three subsets that are missing totally that might reasonably ^{be expected} to present.

1. Effects on information carrying systems.
2. Effects on human thought processes
3. Effects on mass behaviour.

Are we to assume that the Soviets have not gotten the idea of subjecting ^{to scrutiny} human, ^{mentally mediated} potentials under these various conditions? We think not. Their otherwise quite publicized interest in psychotronics and psychosenergetics quite clearly establishes their depth of interest in mental/machine/intelligence/thought-mediated potentials.

Consequences
e. Result of negative action

Our preliminary survey - drawn out from our own concerns in this area - suggests that there probably exists a covert or classified subset of Soviet efforts that yet have not come even partially into view. This field might be coded under terminologies such as "bionics", "Biofields", "bioplasma", etc.

Especially of concern is the nearly complete omission of references to "mass behaviour," that is, group-human geomagnetic-determined responsiveness. In the American archives, we have surveyed, human or mass-behaviour-responsiveness versus geomagnetic/biological influences and cycles have achieved some predominance. We might have expected many of these references to have been incorporated in Dubrov's bibliography. Yet they are not.

Thus we must assume that the Soviets have drawn some significant

line between physical geomagnetobiology and mental geomagnetobiology; and that the latter has not come into view. If this assumption remains uninvestigated, we may at least be unable

f. Summary.

From our current understanding, the basic psi-perceptual functions consist of information delivery potentials that are mentally mediated, but which probably are, in some aspects, correlatable to conditions that properly will fall within the disciplines incorporated under the term "geomagnetobiology" or, even more precisely "geomagnetopsychology."

g. Intelligence potential.

New understandings gained in this area will probably serve to enhance the efficacy of attempts to utilize psi perceptual functions as intelligence-gathering measures. Inversely, we may better be able to determine ~~better~~ the qualifications essential to countermeasures in this specific area.

h. Threat analysis: ^{potential} ~~News~~ un.

New understandings gained in this area will be of general assistance in determining the potential threats in similar or allied Soviet efforts.

J. Entrainment of brainwaves.

Until recently the assumption that brainwaves are not entrainable has held sway. A Russian-made device has come to light that may modify behavior by transmitting low-frequency radio waves. The implications of such a machine are clear.

News
visit report
report

+ Possory material

While the ~~the~~ direct importance of this machine and its implicit meanings relating to our work is unclear, it is at least analogous to the related fields of electromagnetism we feel do have implications to our work. We would propose then that these implications be surveyed and reported on ..

7c/BATTLE FOR CONSCIOUSNESS (PSIOPS)

~~too much background cut to 1/2 of what it was~~

a. Background

evidence

During the late 1960's and early 1970's, it became evident that the Soviets had for sometime taken an increasingly official interest in parapsychological matters. This was problematical for U.S. analysts for at least two reasons: immediately perplexed principle

First, in the U.S. parapsychology had not achieved significant status, and its constructs were unfamiliar to most others than professional parapsychologists.

Second, a Soviet interest in parapsychological matters was hard to comprehend if viewed against the ideological conflict it implied in the Soviet Union itself.

Nevertheless, ^{by late} as the 1970's progressed, the East-Bloc countries in toto ^{had begun} to issuing visiting instructional to many American and European parapsychologists as well as "psychotronics" and began sponsoring seminars, meetings and congresses in their countries, under the general heading of psychotronics.

This set of events was viewed with some astonishment by U.S. analysts, which And this astonishment was further heightened when in the late 1970's the Chinese (CPR) also entered openly into the field.

At SRI, we have been tasked to create a data base management (DBM) system to house, retrieve and compare information on trends of Soviet and CPR activities in this area. This system ^{to be} is not fully operational yet. But for purposes of ^{requires further} specificity of the following general ^{indicators} planning, a few general indicators can be set forth.

^{Differentiation of} 1. The American term "parapsychology" and the East Bloc term "psychotronics" do not exactly correlate.

A precise definition of "parapsychology" ^{precisely defined} is that parapsychology is a scientific subsience endeavouring to prove the existence of psi phenomena (clairvoyance, telepathy, precognition and psychokinesis (PK)) through the application of quantification and statistical methodologies.

There is some variation of parameters between the different groups working ^{has been shown}

in parapsychological experimentation, but in general ^{when} where papers are presented at annual meetings of the Parapsychological Association, ~~they tend unilaterally to~~ ^{exposing findings} exposing findings through statistical analysis ^{predominates}.

Contrasted to this, "psychotronics" ~~now~~ appears to represent (or cloak) a multi-disciplinary effort of an inexact (to our knowledge) nature, but one in which "parapsychology" is (or was) only one arm.

^{any} The identification of "psychotronics" as correlative to "parapsychology" would, therefore, be misleading and dangerous.

One of the difficulties in trying to deal with this gap is the ~~now~~ acknowledged fact that ~~the American science in general and general Soviet science~~ ^{is compared to} ^{in general} planning are governed by two quite dissimilar goal-determined attitudes.

In America science is pursued generally as "pure" science (at least ideologically), while ⁱⁿ the USSR science (and scientists) must place themselves in respectable service to the cause. It ~~must be~~ ^{is} estimated that in the epoch (1921-1945) if the Soviet ideological heirarchy demanded ideological conformity ^(in advance) in advance in science/sociological perspecting, a significant change took place during the early (at least) 1950's. Since then, it looks as if, at a very high policy-setting level, a decision was taken to explore any and all potential areas that might be brought to bear in facilitating the basic goal of obtaining world hegemony.

~~Any~~ ^{verify that} Leninist scholars can easily ~~tell~~ ^{was} how this premise can be made to conform to acceptable (if only temporarily so) ideology. One of Lenin's ^{basic} basis formulae clearly stated (and he said it in many charismatic variations) that "anything that is servicable (in obtaining either short term or long-term goals) belongs, and can always be gotten rid of later."

We ^{to conclude} tend, therefore, that in the latter period many ideologically priarly scurrilious areas were incorporated into Soviet science. Many Soviet theories, experiments, scientists that had been exiled were brought back into

consideration. And further, these appear to have been cloaked in that Bysentine confusions that are characteristic of the Soviet/Russian manner.

From a general survey of our presently available information, we are obliged to submit that ^{this} the "battle for consciousness" ^{which} began in the 1920-30 period, ^{and fell} falling into some ideological disrepute during the Stalinist reign, was resurrected and renewed during the 1950's. We would further submit that early implementations of the tactics then utilized were judged to be applicable, and thence in the 1960's a Soviet multiscience endeavor was mounted, ^{culminating in the current} And that this effort ~~is~~ in strategic and tactical implementation now.

We can further hypothesize that when ^{the} a policy decision was taken (c. 1960-70) to ascertain the world state-of-the-art in parapsychology/cybernetics/genetics/mentally-mediated energy devices, etc., the Soviets sponsored a temporary interface (that was flocked to by almost all American parapsychologists) under the nomen of "psychotronics."

We must urgently state that a confusing of "psychotronics" with "psychological" warfare would not be advantageous, although this latter category must obviously be included as a servicable arm within psychotronics.

We ~~believe or tend to~~ estimate that the Soviets already have moved one generation beyond what is ^{now} commonly (~~now~~) thought to be "psychotronics."

The term that might best suit the state of potential affairs, prove both a measure and countermeasures conceptualization, is the nomen "psiops" that has just recently come into parlance among certain analysts.

The terms PSIOPS and "battle for consciousness" may be justifiably thought of as synomous if we incorporate under "consciousness" the issues of sub-consciousness, subliminal cause/effect actions, emotiotional mass behaviour, intellectual conformization and control mechanisms, mental energy modulation devices, psi functioning/desfunctioning, and magnetic/geomagnetic/cyclic

consciousness changing manipulative devices, both psychological and physical.

A partial, but dramatically effective, definition of PSIOPS was given recently by P. Possong (advisor, Hoover Inst. retired) to the Defense 83, Defense and Foreign Affairs Congress. The definition is here extracted, and Dr. Possong's entire speech is appended as annex 1.

iv. Measures/countermeasures

While the definitions above are complex and expansive, it should be stated that PSIOPS may be conceptualized (for planning purposes) around two central ideas.

- (i) Measures that can be implemented to enhance desired emotional and intellectual conformity and management of targeted populations or individuals to cause them to:
 - (a) Align themselves and their personal or group power in back of strategic or ^atactical goals.

- (b) To destabilize attitudes, confidence, and opinion makers and to restabilize them along lines that are positive to strategic or tactical goals.
- (c) To cause political, military, intellectual, religious, philosophical, scientific and popular orientations to self-destruct when these are disadvantageous to desired strategic and tactical goals.
- (d) To invent or construct means to bring psychic/physiological stress/destruction to populations on a broad scale.

(ii) Countermeasures to all of the above.

C Recommended action.

We recommend, as a priority, that the nucleus DBM project currently in progress at SRI be considerably enlarged and staffed.

Reasons for recommendation.

So far, the accumulation of programmed materials ^{to date has} is concentrating ^{ed} on conceptions of direct parapsychological (Soviet/Chinese/American/European) pertinence. The future programming needs to become gradiently multidisciplinary, and to begin interfacing with already established computer accessible libraries, such as at Brown University.

Soviet PSIOPS does not begin with ~~any~~ ^{the emergence of "psychochronics"} in 1969, but with Pavlovian techniques that led directly to psychological warfare ^{methodologies} ~~techniques~~ through the use of gross stress techniques. The second generation of advances clearly evolve through the works of Luria, Leontiev, Sakharov and Vygotsky, inter alia, whose works were "exiled" in the 1930's, but reclaimed in the 1950's.

It would be pertinent to isolate successive generations in terms of topics and scope.

The massiveness of this task is only feasible through a DBM program that is specifically designed to accommodate the goal.

d Consequences of negative action
(to us)

Since PSIOPS is nearly a totally new concept, consequences are only hypothetical. ~~If we estimate that the KGB designed and controlled International Peace Movement is an identifiable PSIOPS strategy, we may achieve some portent of the consequences of negative action in this area.~~

↑
~~we~~
~~explicitly~~

but in a potential threat context are variously obvious.

10. INTELLIGENCE AND THREAT ANALYSIS

(a) Background. During the course overall of our research efforts in psychoenergetics (1973-1983), and especially as a result of our extensions of understandings during the last 3-year work period, it has become increasingly clear that the areas of interest to us ~~share a common difficulty~~ participate in a cultural difficulty. The presence of this cultural difficulty leads ultimately to difficulties involving the potentials of intelligence and threat analysis.

Let us say that any analysis is only as good as the foundations upon which it is based permit. If these foundations are delimited by philosophical constraints, then any analysis derived from them is only applicable (or useful) so far as it goes. If anomalous phenomena (in politics, science or the social ^Isciences) are judged against philosophical foundations that occlude or reject their potential meaning, then it can not be said that an analysis of them and their implications will be explicitly useful.

Psi, psychotronics, parapsychology, psychoenergetics all share a common problem of interpretation (projected meaning) within the philosophical foundation demarcated by the dicotemous concepts of "rational" versus "irrational," in that they are philosophically relagated a priori into the "irrational" slot. This causes them, sociologically, to founder upon expectations that are not prepared, or in some cases are unwilling, to inspect them at all.

(b) The problem of comprehension.

Comprehension emerges as a cultural problem when it appears that the philosophical orientations of different parties do not share fundamental similarities, but/the implicit differences are not interpretable within the framework of either one or the other parties. Knowledge, intelligence and threat analysis continue to be processed through the "acceptable" modes of interpretation, but the conclusions drawn thereupon ultimately do not fit with continuing trends. We believe that this "problem" is one that has reached significant proportions relative to the topics and subjects in the fields in which we are interested.

(c) Discussion.

Upon cursory inspection, it can be seen that American, European, Soviet and Chinese efforts in our ~~interests~~ field of interest are being mounted from basic philosophical models that must be quite different. From the American point of view, this gives rise to apparent "contradictions" that are not easy to explain; and this, in turn, leads to a multiplicity of problems in intelligence interpretation and threat analysis.)

← The issue is further compounded ~~when~~ by the mutual use among all four of the word "pragmatism," which means essentially "a practical approach to problems and affairs." This "practical approach," of course, ultimately is involved with how it is that knowledge is pursued, handled and processed within the given philosophical models that dominate.

In the English-speaking (American, British, etc.) countries, philosophy and science in general has long been dominated philosophically by the rationalist model. This has led to the two specific categorizations of all things into rational and irrational; and at times this a priori adjudication ~~to~~ all knowledge has been applied unilaterally.

Yet, a closer examination of the English-speaking model reveals at least two echelons of this system. These echelons are demarcated by how it is that the "hard" sciences (physics, medicine, ~~Engineering~~ and ~~Mathematics~~) are "forced" to follow and allow for anomolous phenomena; and how it is that the "soft" sciences (sociology, psychology, history, etc.) ~~interpret~~ have established methodologies for judging the acceptability or not of ~~relevant~~ various sets of data. This latter echelon is by observation heavily influenced by the rationalistic approach, and as a result depends heavily upon quantitative analyses as a methodology through which concrete information properly should be viewed. The rational/irrational model is, therefore, perpetuated in this echelon.

As regards the first, however, the "hard" sciences are by their ongoing professions, rather forced to inspect the implications of anomolous data when it presents itself over a period of time. To some degree, even these "hard" sciences must live up to the demands of the rationalistic model, but in the long run, novel breakthrough occur in these sciences more frequently because of their day-by-day necessity of inspecting the anomolous data.