

Number 14

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*The most important question anyone can ask is - Will I survive death?
Am I a timeless citizen of the Universe, - or just a transient accident of nature?
The answer to this question either gives meaning to life, - or makes life meaningless.
Transcommunication is our best hope of answering this question for all time. -BW*

COMMENT In the last paper, and this one, the psychokinetic hypothesis of Transcommunication is discussed. Of the comments I have thus far received, well over half expressed the opinion they consider this paradigm the most likely explanation of TC phenomena. However, I am well aware that not everyone agrees.

In discussing the psychokinetic hypothesis in the last issue, and inviting comment, I hoped one or more other hypotheses would be proposed to explain observed TC phenomena. This has not happened. The couple of people who did disagree, did not propose alternative hypotheses.

In scientific research there are often several hypotheses under consideration, to explain the same observations. The various concepts are weeded out as more information accumulates, until only the one that corresponds closest to reality remains. This remaining hypothesis may then be raised to the status of theory, and perhaps later to a "law of the Universe." But even then it is still recognized to be only a paradigm, a model of reality, not reality itself. As such, it is still subject to change if contradictory evidence is discovered, which it cannot explain.

The first TC hypothesis seriously considered, was the acoustic hypothesis. Under this concept, the Spirits whispered into the microphone at such a low level, their voices could be heard only on playback. The arrival of radio reception proved the acoustic hypothesis incapable of explaining the phenomenon, and lead to the formation of the electromagnetic hypothesis.

Later development, especially within the past several years, with the appearance of

computer messages, etc., proves the electromagnetic hypothesis also incapable of explaining TC phenomena. This in turn, together with studies of PK effects on noise generation, etc., has lead to more serious consideration of the psychokinetic hypothesis. Although not a new concept, having been conceived in Dr. Raudive's time, only of late has it been taken more seriously.

The psychokinetic is the third major concept that has been proposed to explain TC phenomena. It may not be the last. A hypothesis is not chiseled in stone, nor is it a "sacred cow." It is simply a tentative attempt to place a group of observed facts in logical relationship to reality, and to each other. New facts either fit within the framework of the hypothesis -- or they do not. If they do not, then the framework must be extended to include the new facts, if this is logically possible. If it isn't, then the hypothesis, in its entirety, must be discarded in favor of new and yet more advanced concepts.

One of the most useful characteristics of a hypothesis, is prediction. That is, it is able to predict that facts about the same phenomenon, which have not yet been determined, or even

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discovered, will fit within the same framework. As new information appears, it then either supports, or contradicts, and indicates how closely the hypothesis model's reality.

The psychokinetic hypothesis makes several predictions, one of the most important of which, is the prediction that Transcommunication is strictly a local phenomenon. That is, that TC phenomena are effects that occur within the receiving systems, and do not arrive in the form of radio, TV or any other kind of electrical or electromagnetic signals from some place else.

Just as experiments (Exp. 336 and 337, SV-13) indicate it is the noise generated within a radio receiver that is used as the carrier, rather than the voice arriving in the form of a radio signal, the PK hypothesis predicts it will be found that it is the noise created within a TV receiver which is used to create an image, rather than the image arriving in the form of a TV signal. In fact this may be a good place to start with TV experimentation. It may very well be found that image reception can take place just as well with the RF circuits disconnected, and an electronic noise generator connected directly to the CRT, in order to provide the "snow".

The PK hypothesis also predicts that probably the same thing will eventually be found true with telephone and answering machine messages. That is, it will probably be found that voice reception takes place within the equipment, rather than arriving in the form of an electric signal from elsewhere, and that it is not necessary for the telephone or answering machine to be connected to the phone line, for such messages to appear. However, it probably will be found that an electronic noise generator is necessary to supply the missing line noise. Also whatever DC voltage is on the phone line, would probably have to also be supplied by the generator, as the Spirits may need this voltage to cause the phone to ring, or activate the answering machine.

In any field of study, such as TC phenomena, where there is little actual knowledge, the vacuum is filled by misconceptions, myths, unfounded opinions, etc. As more information is acquired, conflicts develop between reality and misconception. Since reality is not going to change, and thus has first priority, if we are to develop more sophisticated concepts, hypotheses which are closer to reality, and require less convoluted logic, then it is our misconceptions which must be changed.

The question is not whether this or that person is right or wrong about this or that aspect. Each of us has come to this research with

our own unique concept of reality, and look at the phenomenon from our own unique viewpoint. Consequently, all of us, and here I include myself, are probably right about some aspects, and probably hold misconceptions in other areas. The question then, is not whether we are right or wrong, but whether we are willing to "update" our concept of the phenomenon, and gradually eliminate our own misconceptions, as new information comes to light, and is integrated into the body of knowledge about the phenomenon.

I do not believe in magic. The only "magic" that exists, is stage tricks, and Transcommunication is definitely not a stage trick. I believe TC phenomenon happens according to laws, probabilities, that are inherent in the very nature of our Universe. That we do not know what these laws are, does not make the TC phenomenon "Magic." Not in the sense that it is phenomena that happen in violation of the laws of nature.

Transcommunication phenomena are not only gradually becoming more common, but also, especially in the past few years, are increasing in variety. Parallel to this development, has been a gradually increasing understanding of the nature of the phenomenon. At this time, it seems the psychokinetic hypothesis is the best explanation. At least it is the explanation that requires the least amount of assumptions, rationalizations, and convoluted logic. What we may think five or ten or a hundred years from now, remains to be seen. But for now, from a technical standpoint, it seems to be the most logical working hypothesis to test against reality. Whatever the ultimate mechanism turns out to be, the TC phenomenon itself is awesome, and is certain to become more so. We are only at the beginning, and there is no end in sight.

FROM OVERSEAS

Quotes are from the current issue of INFOnews, The CETL newsletter

Translation by Mr Hans Heckmann

"The technical recommendations we get from the other side are merely hints. We still do not know the reason why a certain piece of equipment works well only in connection with a certain experimenter. As far as we know there are no spirit plans for the construction of electronic equipment that would provide a ready made spirit contact for everybody."

Jules and Maggy Harsch

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In Europe, over one hundred years ago, investigators were first told through mediums, that eventually equipment would be developed that would allow open communication from the Spirit world, for virtually everyone.¹ Contrary to what one might think, this early information was not a reference to radios and recorders, which were yet to be developed. Although in theory, these devices open up Transcommunication for everybody, in actual practice, because of their gross insensitivity, they do not actually make TC accessible to the general population.

Because researchers today, are still being told the same thing, even after the development of radios and recorders, it is obvious what the Spirits are referring to is a very special device, a transreceiver, designed specifically for the purpose of Spirit voice reception. Each time I have asked whether equipment will eventually be developed that will allow open communication for everyone, the answer has been affirmative.

Over the years, through a number of different researchers, the other side has been gradually giving us clues and information, including the verbal and visual information given to Mary, toward the development of such a receiver. It is simply inconceivable that so many Spirits, such as Mr Mueller, working through various different researchers, would have made so much effort to give us clues and technical information, as well as assisting in technical experimentation, if it was not the specific purpose of higher Authority, to help us develop such equipment. The fact that the Spirits the Harschs are working with, who are more interested in education than technology, did not make it a specific point to tell the Harschs of this intention, in no way changes the intention.

Harold Sherman, grand old man of psychic phenomena, used to say that "like attracts like." Probably nowhere is this more true, than in Transcommunication. Time after time, we see Spirits working with different researchers who share the same attitudes, interests, etc., just as we associate with people here who share our interests and beliefs and so on. It is only a matter of common sense then, that Physicists and Engineers on the other side, those who are interested in receiver development, are not likely to work with people on this side, who do not have the necessary technical background to understand what they are told, or have the slightest idea of what kind of questions to ask. Simply asking "what do we need to improve reception,"

Footnote 1

The Spirits Book, by Allan Kardec
revised edition, published 1857

does not get it.

That the Harschs do not have this kind of background, is of course, absolutely no reflection on them whatsoever. Everyone has different interests in life, and only a small minority of us are interested in science and technology. In any case where technology is concerned, there are others through whom higher Authority can better pass information over the fence.

In this regard, highly promising, is the team composed of Dr Raudive and Dr Mueller and others, on the other side, and Mr Homes and Dr Senkowski, on this side. Dr Senkowski and Mr Homes have both been receiving clear communiqués, through several different reception modes. While Dr Mueller, physicist and former team mate of Bill O'Neil's, has already demonstrated his interest in technical development of receiving systems. So here we have a physicist on each side of the fence, and two strong Transmediums on this side. Certainly an ideal combination.

Over the years, higher Authority has left it mostly up to us to develop the equipment. There has been numerous clues passed on to us, but no schematics, and not a whole lot in the way of precise information. If this pattern holds in the future, which is likely, since the Spirit world is evidently not nearly as impatient as we are, then there probably will not be a lot of information forthcoming. Although, almost certainly, there will be some. It seems they intend to leave most of it up to us, to do the hard way through experimentation, with just a clue here or there to keep us from wondering too far off course. They are willing to help us, as they have demonstrated, but they are not about to do it for us. In any case, when there is technical information the Spirits decide they want to tell us directly, they should have no problem communicating through Dr Mueller and Dr Senkowski.

In the last issue of INFOnews, also is the information that the MEZA-1 (SV-13/11) has been moved to the town of Schweich and turned over to one of the Harsch's coworkers, Mr F Malkhoff. The Harschs are currently working on a new system, designated the GA-2, suggested by TECHNICIAN, one of their transpartners. The Harschs promise to publish details of this system in the next issue. At this time we do not know whether or not there is any resemblance between the GA-2 and the GA-1. (SV-10/7)

Also in the current issue, is the interesting statement by S Salter, another of the Harsch's transpartners, that: "Although not

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every test was immediately successful, MEZA-1 allowed us to demonstrate the methods that every experimenter can use."

Since in essence the MEZA-1 consisted of several noise generators, assuming the seven antenna-less radios were tuned to the FM band, which is most likely, the principle demonstrated to us through this system, is to use electronic noise for reception. (SV-13/12) It is hardly a coincidence that this is in agreement with a statement by Dr Raudive, through Mr Homes during this same time period, that we should use "white" (electronic) noise. Both of which are in agreement with our own experimental results. (SV-13/19)

THEORY

Quoted from: "Mathematical Themes: Questing for the Essence of Mind and Pattern"
Submitted by Jonathan Marten

Mathematical Chaos and Strange Attractors by Douglas Hofstadter

"A few months ago, while walking through the corridors of the physics department of the University of Chicago with a friend, I spotted a poster announcing an international symposium titled "Strange Attractors." My eye could not help but be strangely attracted by this odd term, and I ask my friend what it was all about. He said it was a hot topic in theoretical physics these days. As he described it to me, it sounded quite wonderful and mysterious.

I gathered that the basic idea hinges on looking at what might be called "mathematical feedback loops": expressions whose output can be fed back into them as new input, the way a loudspeaker's sounds can cycle back into a microphone and come out again. From the simplest of such loops, it seemed, both stable patterns and chaotic patterns (if this is not a contradiction in terms!) could emerge. The difference was merely in the value of a single parameter. Very small changes in the value of this parameter could make all the difference in the world as to the orderliness of the behavior of the loopy system. This image of order melting smoothly into chaos, of pattern dissolving gradually into randomness, was exciting to me.

Moreover, it seemed that some unexpected "universal" features of the transition into chaos had recently been unearthed, features that depended solely on the presence of feedback and that were virtually insensitive to other details of
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the system. This generality was important, because any mathematical model featuring a gradual approach to chaotic behavior might provide a key insight into the onset of turbulence in all kinds of physical systems. Turbulence, in contrast to most phenomena successfully understood in physics, is a nonlinear phenomenon: two solutions to the equations of turbulence do not add up to a new solution. Nonlinear mathematical phenomena are much less well understood than linear ones, which is why a good mathematical description of turbulence has eluded physicists for a long time, and would be a fundamental breakthrough.

When I later began to read about these ideas, I found out that they had actually grown out of many disciplines simultaneously. Pure mathematicians had begun studying the iteration of nonlinear systems by using computers. Theoretical meteorologists and population geneticists, as well as theoretical physicists studying such diverse things as fluids, lasers, and planetary orbits, had independently come up with similar nonlinear mathematical models featuring chaos- pregnant feedback loops and had studied their properties, each group finding some quirks that the others had not found. Moreover, not only theorists but also experimentalists from these widely separated disciplines had simultaneously observed chaotic phenomena that share certain basic patterns. I soon saw that the simplicity of the underlying ideas gives them an elegance that, in my opinion, rivals that of some of the best of classical mathematics. Indeed, there is an eighteenth- or nineteenth- century flavor to some of this work that is refreshingly concrete in this era of staggering abstraction.

Probably the main reason these ideas are only now being discovered is that the style of exploration is entirely modern: it is a kind of experimental mathematics, in which the digital computer plays the role of Magellan's ship, the astronomer's telescope, and the physicist's accelerator."

+ Comment- It would seem a feedback loop can create a condition of instability, not unlike the instability created in the generation of electronic noise. -BW

OTHER SYSTEMS -- Psychophone

In order to make as much technical information available to the experimenter as

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possible, in each issue, under this heading, all available information on any new systems which may have come to light, will be published.

During those periods of time, such as the present, when there are no new systems, information will be published about older but less known systems. As transreceiver development gradually proceeds, it will be interesting to see how close some of these systems have come to the progressive designs that are actually approved by the other side.

I know several of you have managed to find a copy of Breakthrough, while most of you have not had a chance to read this book. The schematic (SV-14/6) is an exact copy of the drawing published in Breakthrough, with the exception that the positive rail has been moved to the top of the drawing, as is our convention, rather than being folded down below the negative rail.

No parts values or data were given. Evidently Mr Seidl figured anyone who might wish to duplicate the system would have the necessary expertise to compute the values for themselves. The following is quoted from Breakthrough by Konstantin Raudive.

The Psychophone
Designed by Ing. Franz Seidl
(Electronics Engineer)

"The function of the appliance (SV-14/6) is evident from the circuit diagram; a matched aerial controls the base of the first transistor which constitutes a high frequency stage working aperiodically. The next transistor is coupled to it and is switched in as a transmitter (oscillator); the radius of oscillation is unscreened and the radiation is diffused into space. A ferrite rod is quite suitable to serve as a coil former, and a transmitting aerial at many frequencies. The ratio of windings of the collector circuit as a function of the demodulation circuit (the third transistor) should be about 1:1. Simple low frequency amplification is then achieved, after a high frequency bandpass filter, through a fourth transistor, the output of the psychophone is passed through a resistor and along a screened cable to the input point of a tape-recorder or an amplifier.

The size of the resistances and capacitors depends on the transistors and working voltage. It can be seen from the circuit diagram that the system works both as a broad band receiver and as a transmitter, as a radiating source of energy. It is optional which frequency is chosen.

Experimentation is due to take place ranging from very high frequencies down to very low frequencies. The model used in the test, for example, oscillates in the region of 200 meters; it registers practically no transmitter signal input and does not interfere with other receiving apparatus, for the range in space of the radiating part amounts to about 1 meter. The receiving aerial consists of a short wire, which can be rolled up and which can only give radio reception when a hand is brought near."

CETL Translations

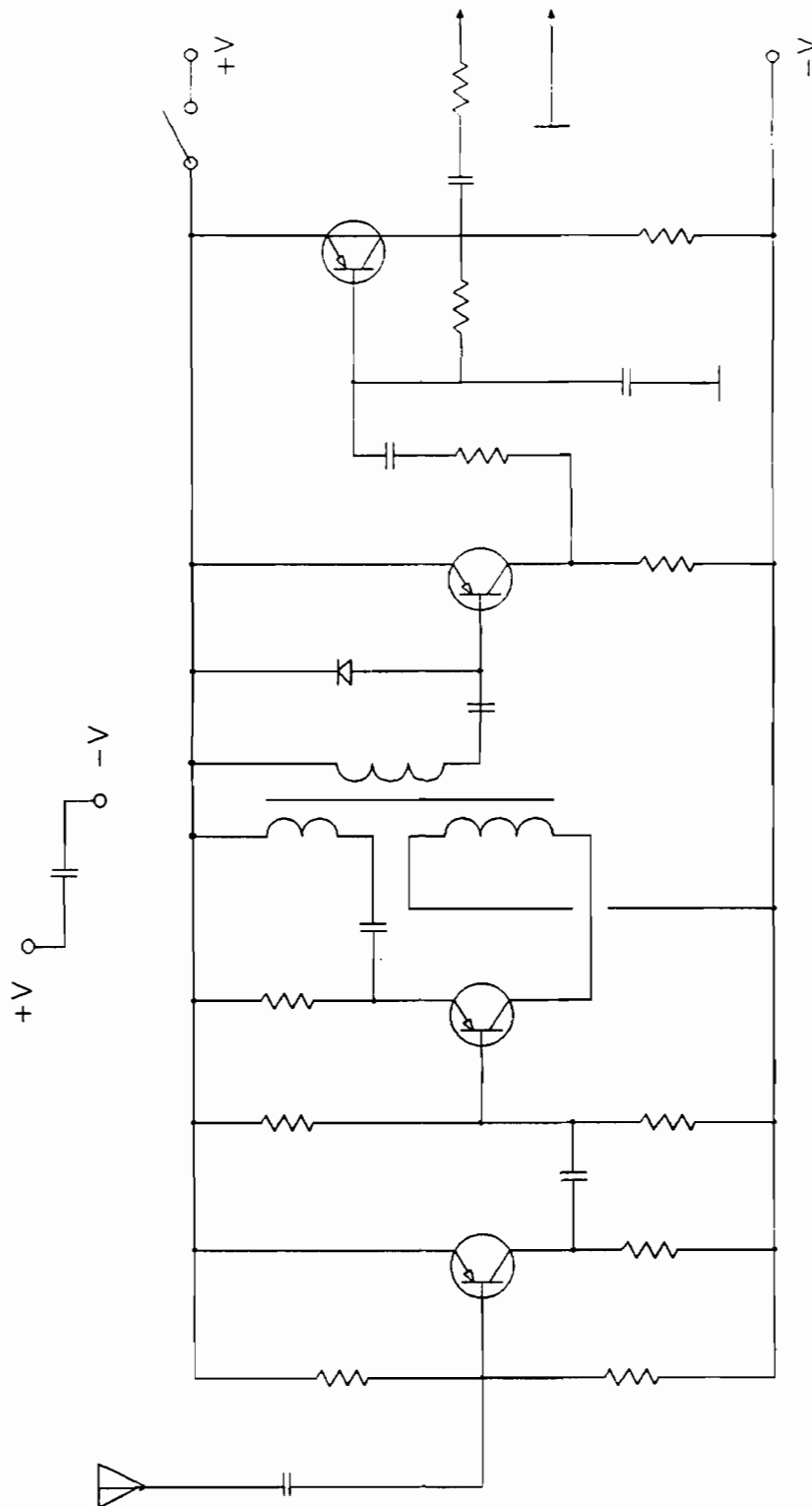
As most of you know, the CETL (Luxembourg Study Circle in Transcommunication) was founded in Luxembourg during the mid 1980s, by Jules and Maggy Harsch. During most of the time since then, they have published a semiannual Newsletter called INFOnews. According to witnesses, the Harschs have, and are, experiencing extraordinary TC phenomena, and have been reporting these experiences in their Newsletter. Unfortunately however, INFOnews is published in German.

During this period of time, Mr Hans Heckmann has spent a considerable amount of time and effort translating the most interesting of this material, into English. Through Mr Heckmann's effort there were a few of us fortunate enough to have access to this interesting material. However, until just recently, the material was not available to most researchers, and thus remained a "closed book" to the English speaking world.

Arrangements have now been made between CETL, Mr Heckmann, and Mark Macy of the Continuing Life Foundation, founded by George Meck, to make these, and future translations, available. All of us owe Mr Heckmann a debt of gratitude for the tremendous amount of time and tedious work required to do these translations.

I cannot recommend this material solely for its technical content, which is, as the Harschs say, only "hints" and rather vague ones at that. Nevertheless, it is fascinating reading material, and I should say, a worthwhile library addition for the serious student of the TC phenomenon. Transcommunication is a diamond of many facets, as it were, and technology is only one of these. There are many other aspects, viewpoints and implications, all of which are important to an overall understanding of the phenomenon.

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Title--	Psychophone
Concept by	Franz Seidl
Design by	Franz Seidl
Drawn by	Bill Welsensale
File--	Payphone
Date	12-28-92

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The following is a synopsis by Mr Macy, of existing translations.

CETL InfoNews Synopsis

Summaries of the English version of the newsletter for the Cercle d'Etudes sur la Transcommunication, Luxembourg (Luxembourg Study Circle in Transcommunication)

- * 01/87. CETL receives its first paranormal video images in the fall and winter of 1986, including a picture of deceased German EVP researcher Hanna Bushbeck. The content of the video sequences and the technique by which they were received are described. (1-1/2 pp.)
- * 02/87. The Technician is introduced as a higher being assigned to assist and protect the team. Extended dialogue takes place between researchers and Technician. More technical details of video transmissions are received. (5 pp.)
- * 04/87. Swedish researcher Friedrich Juergenson "returns home" in October and continues his ITC work from spiritside. CETL President Maggy Harsch-Fischbach reports on the breakthroughs and inherent dangers of their work to date. English ITC researcher Ken Webster's computer contacts with 17th Century residents of his village are documented by Theo Locher. (6 pp.)
- * SI#1 1987. Long computer messages begin to arrive. Spiritside collaborator Richard Francis Burton (English world traveler and author - 1821-90) offers a travelogue of a spiritside trek along the River of Eternity. A struggle between TimeStream and dark ITC forces calling themselves Group 2105 and Group 2109 is described. Spiritside Project Leader Swejen Salter describes in detail TimeStream's surroundings along the River of Eternity, an immense patchwork of spiritual communities located somewhere in the Astral Planes, and recollects her own recent incarnation. CETL receives their first paranormal message on their telephone answering machine. CETL's spiritside collaborators are introduced. (5-1/2 pp.)
- * 01/88. Researchers give tribute to German researcher Klaus Scheiber, recently deceased. Maggy describes CETL's recent struggle with dark forces and Technician's efforts to provide complete protection, henceforth, to the delicate interdimensional communication link between CETL and TimeStream. Maggy offers important insights into how to conduct ITC work safely and outlines the importance and the future of ITC work. Technician sends a long letter on human spirituality and the plight of modern

religion. He explains the method of lighting in spiritside photographs. (12 pp.)

* SI#1 1988. The first successful simultaneous audiovisual transmissions from spirit (July 1988) are documented and analyzed in technical detail by German researcher Ernst Senkowski. The messages discuss Man's unnecessary fear of death, the pitfalls of pure intellect (sans spirit), and the immense powers lying beyond the five senses. (6 pp.)

* 02/88. Detailed, in-depth reflections by both sides on human spirituality, religion, ITC, parallel worlds, Light vs. dark forces, and the holographic nature of the physical universe. Technician explains how he saved the life of an experimenter during an otherwise fatal car crash by manipulating time, not matter. Researcher Senkowski reports on his transEurope journey with American researcher George Meek to determine the current state of ITC research. (18 pp.)

* 03/88. Maggy discusses the contact field produced between spiritside workers and a large group of earthside participants, and the need for researchers' spiritual development as well as technical knowledge. Austrian researcher Herbert Spirik reports on conditions (including weather, moon phase, etc.) conducive to successful ITC contacts, and offers insights into the history of paranormal voice research. Jochem Fornoff reports on successful contacts with another spiritside ITC group calling itself ABX/Juno. A is for aussen (outer), B for biological. X for experimental, and Juno being the entity's name. Juno does for this group what Technician does for TimeStream: facilitates the communication link and protects its users. (8 pp.)

* 04/88. This issue is dedicated largely to people's skepticism on one hand, and faith and trust on the other, regarding the validity of ITC work. (5 pp.)

* SI#2/ 1988. Maggy summarizes the work of CETL and reports on the current state of ITC in an insightful speech before an audience of 600 in Darmstadt, Germany, in October. (16 pp.)

* 01/89. Maggy expresses the need for a global ITC organization involving unprecedented assistance from the higher spirit levels, and explores some of the obstacles to forming such an organization, such as scientific and religious closed-mindedness. Technician discusses reincarnation, animal incarnation and karma. Many telephone contacts from the other side of the veil give the researchers greater insight into the nature of higher beings such as Technician,

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and what is involved for such beings to don astral bodies (or even to incarnate into a physical body for a lifetime) in order to bring important messages to Earth. The spiritside team offers detailed descriptions of what we can expect life on the astral planes to be like after we die, including no aging and immortality. Albert Einstein and Marie Curie are reportedly helping the spiritside team now, while Alexander Graham Bell declines an invitation to participate. The role of ITC in God's divine plan is discussed. (13 pp.)

* 02/89. Unavailable in English.

* 03/89. Unavailable in English.

* 04/89. Rivalry between ITC research groups culminating in verbal attack by jealous earthside experimenters against the CETL team and their spiritside colleagues severely disillusioned the Luxembourg researchers, who decide to withdraw into more private work and discontinue their newsletter. Also, the team is having a very difficult time trying to avoid being overwhelmed by phone calls and visits by those who are admiring of, or simply curious about their work. The importance of good contact field and the dangers of harmful psi or psychic energy are explained in some detail. (6 pp.)

* 01/90. The CETL researchers resign themselves to the likelihood that the time has not yet come for a global ITC organization, but their enthusiasm is dampened only briefly. Messages of a highly informative and technical nature come flooding across via computer and telephone. A computer-scanned portrait of a pretty, smiling Swejen Salter arrives. Other images -- including landscapes from the astral planes -- arrive. There is more discussion of contact fields. Computer-scanned images are now used almost entirely instead of video because the images remain much clearer and less distorted during transmission, and they are easier to reproduce earthside. (10 pp.)

* 02/90. Encouraging breakthroughs with their work and a flood of supportive letters compel the CETL researchers to continue their newsletter. They now average three paranormal telephone calls per week. A close interdimensional friendship has developed between Maggy and Swejen. Jeannette Meek, wife of American researcher George Meek, dies in April after several strokes, and shows up at the TimeStream (spiritside) lab in June. She is bewildered, but clear-minded enough to send to the CETL lab a long computer letter filled with information known only to her husband and their secretary as further hard evidence of continuing life. International ITC groups are listed in this issue.

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Technical subjects discussed between dimensions include: Why do some pictures from beyond resemble earthside pictures? How do thoughts form reality? How do spiritual beings inspire earthside artists and musicians? How exactly are messages sent between the timeless reality in spirit and the time-based reality here on Earth? Deceased ITC pioneer Klaus Schreiber sends a picture of his family house on the astral plane and several portraits of friends and family in spirit, including one of himself. (21 pp.)

* 01/91. CETL receives a striking computer-scanned portrait of Konrad Lorenz (1903-1989), father of ethology, posing in his new spiritside workplace, the TimeStream laboratory, against a background of lab equipment. He and others are busy receiving scores of victims of the Persian Gulf War between the US and Iraq. Spiritside collaborators describe incredible recreation centers used by astral dwellers for rehabilitation and pleasure. Six higher beings are introduced who, along with Technician, watch over conferences and meetings involving hundreds of residents along the River of Eternity, where decisions are made on many subjects including the wholesome development of ITC. Swejen offers her impressions of higher beings she has been in contact with.

The spiritside team intervenes in a British train accident, saving seven lives, and reports on how they did it. CETL branches out, linking up with two research stations in Germany, and the spiritside team begins to make contacts in these outlying stations. The process of paranormal scanning of pictures is described technically. Spiritside collaborators warn of a growing instability in the Earth's crust and impending worldwide disaster and describe life on the astral planes in more vivid detail. The spirit of Thomas of Canterbury has merged with a higher being. Higher beings Technician and Seth 3 "fuse their energies" to make an important joint contact between two earthside stations. Ezra, a boy who becomes infatuated with ITC before dying of leukemia at age 12, makes contact with his parents through TimeStream. (29 pp.)

* 02/91. A picture of Thomas Edison and George Cukor in the TimeStream lab is received by CETL. Pictures of Edison and Konrad Lorenz in spirit are compared to earthside photos. General topics include: communicating with deceased loved ones, spiritside experimenters (such as Lorenz) who did not believe in an after-life while he lived on Earth, the current role of Christ in ITC, an end of the reincarnation cycle, religious groups on the astral planes, more spiritside descriptions, angel's wings, and spirit

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protectors (guardian angels). A mother contacts CETL in May. Her son was murdered a few years earlier, and she wants assurance that he is now okay in spirit. In June CETL receives word that the boy, Juergen Marcel, has fully healed from his terrible wound (which were still present on his spirit body after he had crossed over), is now happy and has forgotten the tragic incident. Maggy receives a cure from beyond for a stubborn intestinal disorder. (28 pp.)

* SI#1 1992. This issue is devoted to the topic of how to get started in ITC work with a cassette tape recorder. (13 pp.)

* 01/92. More tips are provided for those who wish to get started in ITC work. A picture of Ezra (see 01-91) is received by CETL and printed beside an earthside photo. While he died as at age 12, he now appears to be in his early 20s in spirit. The spiritside has reviewed a new Earth language, Eljundi, and concludes that it "may be used as an international language." More computer-scanned portraits arrive. While speaking of a spirit friend one evening in the privacy of their home, Jules and Maggy Harsch-Fischbach are interrupted by a loud bang in the hallway, and the air suddenly feels electrostatically charged. They find everything in order, except the name MARIA which has been scrawled mysteriously on a notebook next to the phone. The next day their spiritside team, Group Lilies, is organized by deceased voice researcher Peter Haerting, a German. General topics discussed in this issue: the need for broader unity among researchers to establish better contact fields, the nature of Jesus Christ and other higher beings, the gods of human history who still reside on the higher planes, the right of each person to believe in one's own spiritual truths, religious conflicts on Earth and in the spirit worlds, chaos theory, the spiritual value of sacrificing one's time and energy to important projects, and the importance of faith. CETL's new Meza-1 ITC system is described in detail. A detailed semi-technical description of the multidimensional worlds of spirit is condensed from the works of Frederick W.H. Myers. (54 pp.)

For further information contact:

Mark Macy
Continuing Life Research
P.O. Box 11036
Boulder CO 80301

LETTER

From Mr Hans Heckmann Nov. 1992

"BERGER determined there was another danger of error that was inheritant in electronic circuits. It is the nonlinear distortion of circuit components which adds extraneous sounds to the recording. The author gives examples of electronics literature dealing with nonlinear distortion and mentions Fourier analyses.

(and) His findings with regard to transient phenomena and distortion-caused noises are even more interesting. My background of servicing and testing analog tape recorders has taught me a few things about them. For one, an experimenter should always use the highest quality tape recorder he can afford.

I am sure you remember reading in I.T.C. literature that a good quality recorder is not necessary. You are liable to get more voices with a primitive old machine! Yes indeed, you will get more noises and extraneous sounds but not more paranormal voices!

Analog recordings are always a compromise. It is expensive to find a machine with a low distortion figure (for the record function). Manufacturers never used to publish these figures for fear it would discourage the average buyer from buying it. Some excellent open reel recorders today (if you can still get them) have harmonic or LM. recording distortion of 1% or less. Most other models had typically 3% or better. I never measured the distortion of a portable cassette recorder (most used by T.C. experimenters) but wouldn't be surprised if it was around 5% or more.

The wear of a tape head will also reduce the S/N ratio considerably and increase distortion of the recorded signal. Push-pull bias oscillators are almost the norm now in analog recorders. Single ended, unbalanced oscillators have higher distortion figures. A tape recorder has many mechanical switches. The simpler the switching arrangements the better. Last but not least, the advantage of a third head (monitor head or separate playback head) is important for almost instant monitoring of your recording and can be an advantage for TC experimenters.

The new digital tape recorders and recordable disc players with their amazingly low distortion and fantastic S/N ratios will put an end to extraneous noises. I expect that the experimenter who can afford them will experience a definite drop in what he used to consider were spirit voices.

(and) How do we classify the spirit telephone

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conversations? Is it an accoustical phenomenon? How about computer text. We have not even begun to understand what is involved here. It is perhaps closer to a psychokinetic effect than to anything else. The transmission of scanned images is really a logical extension of text transmission, except it may involve more preparation. It seems once the other side understands how to utilize a computer program, they should be able to produce another phenomenon. How about paranormal computer graphics for the future !!"

(Reply) Such miscellaneous noises could indeed be mistaken for a voice, especially where reception is extremely weak, such as it is in my case. This could be a problem with monophonic recorders, or even stereo recorders if both channels are recording the same audio carrier.

Fortunately for us, stereo recorders allow us to compare one channel against the other. Since the circuits in both channels are identical, any noise caused by tape head wear, bias or harmonic distortion, bad motor or spindle bearings, loose belts, etc., etc., should be equal on both channels. If such noises were being mistaken for voices, then the "voices" should appear of equal "quality" on each channel.

This is of course what we would expect, if for example, we had both microphones recording the same audio carrier, such as static from the same radio. In this case a miscellaneous recorder noise could be mistaken for a voice because we would be anticipating that any voice that might be received in the radio, would be recorded equally on both channels.

If, on the other hand, as in blind comparison experiments, we are recording two different audio carriers, then the circumstances are entirely different. Again in this case, if some kind of recorder noise or distortion is mistaken for a voice, this "voice" should be of equal quality on each channel. In actual practice however, it is rare that a voice appears equally between the two channels. I have never tabulated this data, so I will have to make an educated guess here. As a guess I would say that 40 to 50 percent of the voices I receive in such experiments, appear only on one channel and are not even discernible as being present on the other channel. Nor are they always on the same channel.

The remaining 50 to 60 percent appear on both channels, but are of noticeably better quality on one channel than the other. And again they are not always best on the same channel. Only rarely, perhaps one or two percent of the time, does a voice appear which is so

close in quality between the two channels, as to make it difficult to decide on which channel it is more understandable.

Also in these comparison experiments, at times I have noted other effects that I believe it would be extremely difficult to explain as mistaken recorder noise. As example, at times voices will appear at the same location in both channels. One may be saying one thing while at the same location on the other channel, a different voice is saying something completely different. In several cases that I can recall, I have had a voice on each channel, at the same location, making the same statement, with one being obviously male and the other being obviously female, etc.

I think all of us, especially those of us who normally have extremely weak reception, are concerned that at times our subconscious may be making "voices" out of noise. However, this may not be as much of a problem as we think.

I remember one time when I still had little experience with recording, when I heard a voice I could not understand. This voice was just very slightly louder than others on the same recording that I could understand, but try as I would, I simply could not understand what it said. I could tell this was very definitely a human voice, and I was determined to understand what was said. Over a period of several days, I listened to this voice at least 50 to 75 times, probably more.

Here I think were all the proper conditions for the mind to "invent" a voice. The sound was very weak yet just loud enough that it should have been understandable. I was convinced it was a human voice. And I listened to it time after time, more than an adequate number of times, I think, for my subconscious to have imposed a pattern of words onto the sound. Yet no such "words" were forthcoming, no matter how many times I listened.

Well, as it turned out I was right about it being a human voice, -- it was my voice! When it finally occurred to me to see what was on the other side of the tape, I found I had made a remark at that point. What I was hearing from the other side of course, was bleed through. Ever since then, I have always recommended using only one side of the tape and leaving the other side blank, even though this seems to be a waste of tape. However, the point is that if my mind was going to make "words" out of noise, it seems this would have been its golden opportunity to do so, and yet it did not. So this may not be as much of a potential problem as we fear it

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may be.

Nevertheless you brought up some good points that I think everyone should be aware of. As always, caution is in order. If one is using only a single monophonic recorder, there isn't much that can be done in the way of testing. However, with a stereo recorder one can record with two different audio carriers, such as two radios placed several feet apart, and compare the results. The chances are good their friends would use one in preference to the other, especially if it was explained to them what one was trying to do. If all or most of the voices appear equally on both channels, then it's possible they may be recorder noise mistaken for voices.

LETTER

From Dr. Ernst Senkowski

Jan. 1993

Receiving your SV is always a pleasure and supplies a lot of 'food for thinking' and I think by this you add a valuable part to the possible understanding and development of ITC. So thank you very much! Just in possession of your number 13 and notwithstanding the late hour of today I should like to add a few short remarks feeling 'invited' from your side.

Perhaps this will be a somewhat 'mixed' version of that which came to my mind. To start with one of my early registrations of VOT: In 1977 'they' told me (we are coming) through/by noise. In fact it came in Russian (which I fairly well understand: schumom).

(and) Lets consider 'noise' which apparently represents a special type of 'chaos'. (Additional remark: be a little careful in using the term 'white noise'. 'White' is defined as covering the frequency range zero to infinity, which is purely theoretical because any electronic system always has a limited bandwidth!) 'Chaos theory' has recently gained in general reputation – and chaos seems to be nothing else but 'possibility of all' or – in other words – containing/presenting the 'potential to realize all'? Our life then consists in personally doing just that – from an infinity of possibilities selecting and 'realizing' a small limited part in our space-time-bound special type of (human) waking consciousness. In this system all and everything is basically possible, probably restricted only by the strength or power of the 'mind-field', motivation and attention. I recommend studying the ideas of BOHM concerning the implicit background and explicit world as well as SHEL-DRAKE'S 'morphic fields'.

With respect to 'psychokinetic energy' my first objection is in using the term 'energy' in a way which cannot be 'objectified'. Maybe the old Greek term from which its modern form is derived had a much broader significance which in modern science became considerably reduced. You can check any textbook that 'energy' in physics is a theoretical concept primarily introduced as a formal abbreviation to describe mechanical movement in space-time. Nobody was ever able to measure this energy because the only observational quantities are pointers on dials showing more or less deviation from the original zero-point. Inside the physical system we formulate mathematical equations and speak of potential and kinetic energy and so on finally arriving at Einstein's equivalence of 'matter' and 'energy'. So there is really nothing - no deus-ex-machina - only our conception of something defined in a special system. (Sorry to say that this term in daily commercial and political life is like God himself!)

Apparently the famous C.G. Jung thought of 'psychic energy' which is yet worse – because there is (contrary to physics) no possibility whatsoever to define that term, neither theoretically nor by rule for measurement. This went on and on endlessly – the healers speaking of 'healing energy', the parapsychologists of 'psychokinetic energy', without anybody knowing what this means.

OK, probably you ask me what to do in speaking of ordinary and extraordinary events? If we cannot get rid of the term 'energy' then at least we should think that all and everything which exists (for us) is only existing in our mind (or call it spirit, or anything else, f.i. consciousness). The modern term for it would be 'information' – which cannot be defined either, see f.i. Norbert Wiener: "not energy, not matter, just 'information' ". We therefore should understand 'information' as a generic term - and matter, energy and everything else are special forms of 'in-formation'.

If you could take the time I suggest reading Jahn + Dunne (Princeton) 'Margins of Reality'. It could help understanding this background. So if we learned to 'play' with our mind (-fields) we could really act as magicians – changing and producing parts of 'all-that-is'. there is nothing like physical laws – they are mental constructs derived from a special way of observation and their interpretation during a few centuries of

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history in a special region of our planet which originally was flat and afterwards became a sphere. there must not be a limit — once we decide to change things we are able to change those 'laws' if not immediately then in the long run — probably because the morphic fields possess their inherent inertia which has to be overcome by new ideas, and our own basic programs which we inherited from the very beginning of our terrestrial life are practically like hardware which is difficult to change: concrete in our brains.

And for ITC: Yes there appear new aspects of the whole and there are many (if not infinite) ways to go. This is an open system. I do not believe that something like a TC-device can be developed or effectively be used if not a considerable part of the human race changed their minds. There is nothing like a special device if we do not invent it and enough other people believe in its function. Sounds silly? May be. Till now I see no reason for another supposition. And we should not too much rely upon the knowledge of our 'Transpartners' they are neither all knowing nor do they have enough terms at their disposal to explain their worlds in our languages.

(Reply) I was very interested in your statement about being told from the other side in 1977 that (We are coming) through by noise. But I do wonder exactly what they meant by "noise", since this could possibly mean either radio static or electronic noise. Does the word "achumom" specifically mean radio static or might it also mean electronic noise? Might they have used a different term if they were specifying one or the other?

There does indeed seem to be a relationship between noise and/or noise generation and TC phenomena. A relationship, a connection, between the body of scientific knowledge and TC phenomena, which still awaits investigation by the scientific establishment.

You have been told that they come through by noise. Homes was recently told from the other side, by Dr. Raudive, to use white noise. My transpartners have indicated through experimentation, that an electronic noise generator is preferable to a radio receiver. MacRae has provided a theoretical explanation of how a noise signal might be partly converted to a voice through an effect on probabilities during noise generation. A possibility which, if I understand it correctly, is supported by chaos theory, which Jeff King suggested might be

important. Smith has told us of the studies of PK effects on diode based random number generators. And Sanders and Gurney have reported on PK effects on argon tube based noise generators. As Hans Heckmann said recently, it seems the pieces of the TC puzzle are finally beginning to come together. I would agree.

I agree the term "white noise" is not a very good term. It does in fact technically mean all frequencies from zero to infinity. Whereas in TC technology what we are actually talking about most of the time is either audio or voice-band frequency electronic noise. Also there is a type of generator which electronically simulates sounds of nature, such as surf on the beach, etc., which is used as a relaxation and sleep aid. Unfortunately, these devices are sometimes called "white noise generators", which adds further confusion. Recently I have began using the term "electronic noise" meaning all frequencies within the bandwidth of whatever circuit is under discussion, or the using the terms voice-band or audioband electronic noise.

Where psychokinetic energy is concerned, as I mentioned in the last SV issue, over the years there have been a number of paranormal events here in our home, which I cannot explain as anything other than PK effects. These events have lead me to certain conclusions about the relationship between this strange form of energy, and Transcommunication. Conclusions about which I would like to ask your opinion. But first let me describe several of these incidents in greater detail.

The first of these is to me the most impressive because it happened right in front of my eyes, in broad daylight. It may sound a bit ridiculous, but this is exactly what happened. The inside of our bathroom door has a hook near the top, where Mary often hangs her negligee. On this occasion I was sitting in the bathroom directly across from the closed door, staring idly at the floor, when I caught motion in my peripheral vision.

Looking up instantly, I saw that Mary's gown had been pushed sideways at the waistband. The top was still on the hook, with the gown from the top to the waistband angled to the left. The waistband was about eight inches to the left of where it should have been, and was in a normal vertical position from the waistband to the bottom. It was as if some invisible hand had pushed the waistband sideways and held it in that position. Just as I looked up and observed it in that position, it was "released" and fell back to its normal vertical position.

This happened in cold whether when no

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outside doors or windows were open. There were no fans running anywhere in the house. Mary had been on the sofa reading the whole time and had not opened or closed any inside door that may have caused an air pressure change. All of our attempts to reproduce this effect failed. I had Mary vigorously open and close the nearest inside door while I observed the gown, flagged a bath towel back and forth in the middle of the bathroom, turned on a kitchen fan, etc., none of which had the slightest effect on the gown.

In the second incident, I was sitting in the living room when I heard one of our kitchen cabinet doors open. These doors have a rather stiff spring catch that makes a distinct sound, both on opening and closing, which can easily be heard in the living room. In this case I looked up in surprise because Mary had been sitting at the kitchen table and I had not heard her chair move, so I thought she was still there.

Well, she in fact was still seated at the kitchen table when I looked up. We were in full view of each other through the connecting doorway. The nearest cabinet door to where Mary was sitting was a good eight feet away. As I looked up, Mary had both hands on the table, and was looking back over her shoulder with a surprised expression on her face.

Just then I heard the spring catch close. Mary said she looked around when she heard a door open, and saw that the under counter door nearest the refrigerator was standing open by about six inches. Just as she saw this, she saw the door "pushed" closed with enough force to operate the spring catch. None of our animals were in the kitchen at the time. Again it was cold weather, no doors or windows were open, and there were no fans running.

In the third incident we observed the results, but not the event. At the time Mary had a pair of salt and pepper shakers sitting on the kitchen stove which she used in cooking, but were not used anywhere else, as we had other shakers that were used on the table. These shakers were heavy metal and quite smooth. Even though we had cats, they could not pick up these shakers and move them elsewhere. They were on the stove for years and had never even been knocked over by our cats.

One day Mary and I went to town. When we returned, Mary started to prepare a meal, and then ask if I had seen her stove top salt and pepper shakers, which as far as I knew were still on the stove. Thinking perhaps our cats had knocked them off the stove, we first searched all around the stove, without success.

Searching the whole kitchen still did not turn up either shaker. By this time Mary was a bit upset and quite agitated, remarking that she was tired from being in town all day and didn't need this hassle, and the next time I record, would I ask my friends to please keep their "hands" off her stuff.

Mary knew the shakers had been on the stove the evening before. We also knew we had the only keys to the house and that no one else had been in the house for several days. Determined to solve this mystery, Mary turned off the meal she had started, and we began a systematic search of the house. Finally we found one of the shakers behind the drape, on the living room window sill. Still there was no evidence of the second shaker. Continuing our search, we finally found the second one on the bathroom window sill. Both of these locations are at least twenty feet or more from where the shakers had been on the stove.

Two other incidents I might also mention, which happened to Mary when I was not at home. In the first, Mary who was outside watering some plants, laid the hose down for a moment and turned to the side to pull out some weeds. We have a gravity feed water system which has a maximum pressure of eight pounds. The hose can be laid down while it is turned on full and there isn't even enough pressure to move it about on the ground. On this occasion, when Mary had her back turned, she heard a surprised "yip" from the dog.

On turning around she saw the nozzle being "held" about a foot off the ground, and turned about 90 degrees from where she had placed it. It was spraying directly on the dog! When she observed this, the hose then fell to the ground and lay there without moving. At the time the water pump was not running, and nothing else could have caused a pressure surge. Again we suspected Helen Beeler, the former owner, who was very fond of birds, but did not much like dogs and cats.

In another incident, it was nighttime and Mary was outside about 50 feet or so from the house, when the flood lights came on and stayed on. No one else was home at the time.

These are just a sample out of several dozen unusual events we have experienced on this property. Most have happened when Mary was home alone. But others happened when we were both present, and some when I was home alone and Mary was miles away.

Before moving here, Mary and I had lived three other places. At no time that we know of, at any of these other locations, did

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either of us experience anything abnormal. Nor, with one exception, have we experienced paranormal events while staying at hotels or with relatives or friends. The one exception was while staying with friends who lived in a house that had a history of paranormal occurrences.

As mentioned, we have experienced quite a number of unexplainable events in the years we have been in our home. The latest of these happened only a few days ago. We have a large two pronged fork which we only use for barbecues on the patio. This fork has been in a kitchen drawer, and has not been used since last summer. Several days ago this fork was found laying on a card table, which we have set up in our office/laboratory. The day before that I had looked through everything on the table, in search of a misplaced paper. I am certain the fork was not there at that time. No one else (that we could see) had been in the house during this period of time. And the office door is always closed, since we do not permit any of our pets in this room.

When I received your letter it occurred to me that even if, as you say, we cannot measure psychokinetic energy itself, we may, in certain circumstances, be able to measure the minimum amount of mechanical or electrical energy, as the case may be, which would be required to cause the same effect that was observed to have been caused by PK energy. Just as, for example, if we know the horsepower developed by an electric motor, we can determine the minimum amount of electrical energy, in watts, that would be required to develop that amount of horsepower, etc.

Unfortunately, at the time these incidents happened, most of which were several years back, it did not occur to me to try and measure the amount of force involved. But since we live at the same place, when I got your letter it was still not too late.

Mary no longer has the original gown, which wore out and was discarded. But she liked that gown so well that she hunted until she found a new one virtually identical, hav-

ing the same cut, material, length, size and even color. Hanging this new one on the door hook, and using a small scale, I was able to determine that about one ounce of force was required to push the waistband sideways to approximately the position it was when I first observed it.

Using a larger scale, I was able to measure the approximate amount of force required to spring the catch and open the kitchen cabinet door. The weight of the salt and pepper shakers is an estimate, since these shakers have been packed away somewhere in the garage where they would be hard to locate. But they were quite heavy and I am estimating their weight as approximately that of a full soft drink can. In any case approximately that amount of force must have been applied to lift them off the stove, plus whatever acceleration and deceleration force was applied to move them to the locations where we found them.

I've only had one year of college level physics, and that was a long time ago. So I don't remember the formulas that would be necessary. But I would think that from these measurements, it should be possible to compute the minimum amount of dynes that would be required to bring about these effects, and from that get at least a rough idea of the equivalent amount of "psychokinetic ergs" that were developed and expended.

Where psychokinetic effects on electronic circuits are concerned, we cannot of course, determine the approximate amount of force applied by measuring the weight of an object that

<u>Observations</u>	
<u>Objects moved</u>	<u>Minimum Force Required</u>
Gown waistband pushed sideways	1 Ounce
Open kitchen cabinet door	104 Ounces (6.5 Lb.)
Close kitchen cabinet door	80 Ounces (5 Lb.) (approx.)
Salt and pepper shakers (weight each)	12 Ounces (Estimate)
Lift water hose 1 foot off ground (weight)	24 Ounces (1.5 Lb.)
Floodlights turned on (standard wall light switch)	7 Ounces
Two pronged barbecue fork (weight)	1.5 Ounces

<u>Computer Force Requirements</u>	
<u>Operation</u>	<u>Required Force</u>
Power switches	
Turn on monitor	18 Ounces
Turn on computer	20 Ounces
Keyboard	
Depress key	0.5 Ounce
Depress space bar	0.5 Ounce
Disk (weight - 5 1/4" floppy)	0.5 Ounce
Open drive door lever	13 Ounces
Insert disk in drive	5 Ounces
Close drive door lever	13 Ounces
Move mouse (hard surface)	1 Ounce
Move scanner over photograph	3 Ounces

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was moved, etc. But we should be able to get some kind of an idea of the amount of PK energy expended by determining how much electrical energy would have been required to bring about the same degree of change in the signal level, etc., in a given circuit, that was observed to have been brought about by PK energy.

I would argue then, that psychokinetic energy is just as real as the other four forces known to science, and can, at least in certain circumstances, be indirectly measured. If we had the necessary instruments to do so, it should be directly measurable, as are some of the better known forces.

In comparison, the listed measurements were taken on my computer, and should be typical of computers in general.

From these lists, it is quite obvious that the PK energy required for paranormal computer messages, is well within range of the amount of energy which I, and many other people, have already observed to have been used in moving various objects about, etc. At the same time however, the computer messages that I have seen thus far, do seem to indicate that there is an energy problem. As you well know, in these messages, energy expenditure is minimized as much as possible. Capitals, which require two key strokes, are eliminated, as are punctuation marks, and even spaces, etc. It seems to me that our spirit friends, depending on the circumstances, have only a certain greater or lesser amount of energy to work with. Each character they type, subtracts from the remaining total amount of energy available. Therefore, by eliminating all key strokes which are not absolutely necessary, they are able to get through with somewhat longer messages than would otherwise be possible.

The definition of psychokinetic energy that I am using in the SV series then, is that it is an energy generated directly by an embodied, or disembodied mind, which is capable of affecting material objects and electronic circuits. An energy which can be measured by determining the equivalent amount of mechanical or electrical energy which would otherwise be required to cause the effect which was observed to have been caused by the expenditure of psychokinetic energy. This is not the only definition and perhaps not the best definition of PK energy, but it does seem to be the most useful definition insofar as discussion of Transcommunication phenomena is concerned.

After the paranormal phenomena that we have experienced, I find it very difficult to escape the conclusion that psychokinetic energy

is just as real as the other four forces known to science, even though the writers of physics textbooks seem to have neglected to mention and describe this type of force. The only difference I can see here, is that PK energy, unlike the other four, is generated and/or controlled by the mind and directed by intelligence. But its effects on matter and on electronics, are just as real.

Having experienced the paranormal phenomena described and several dozen other such incidents over the years, such as locked doors opening, etc., it is difficult to reach any other conclusion. But I would be very interested in your opinions on this. If you were in my shoes and had experienced such paranormal events, some right in your presence, even right in front of your eyes, what would you think and what would be your conclusions?

I agree with your thoughts about a transreceiver. There will be no transreceiver until there is a consensus of opinion that a transreceiver exists. If any TR design were more sensitive, in absolute terms, than ordinary radios and recorders, then there would be a relative improvement in reception quality for any researcher who tried to use it. I'm sure word of this would spread rapidly. Others would duplicate the system, testify to improved results, and a consensus would quickly form.

The fact that this has not happened, would lead one to the conclusion that no system yet devised, is of any significant benefit insofar as absolute reception quality is concerned. At least not to public knowledge.

Transcommunication is a most complicated subject. One of these complications is the results, sometimes spectacular, which are obtained by strong Transmediums, using this or that system. This has given the impression that the results have something to do with the system they are using. We will never know how many researchers have expended a great deal of time and work trying to duplicate this or that system, only to find out that it does not work for them any better than an ordinary radio or recorder. Just last week I had yet another person ask me if I would build a "Spiricom" for them, and how much would I charge?

I believe this has had several unfortunate results. First, as mentioned, there has been a considerable amount of time and effort expended in duplicating mediumistic systems that don't work for anyone other than the Transmedium who built, and believes in the system. Although this was probably a necessary first step in order for everyone to find out such systems are not the solution, even though

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certain features in some systems may have merit. Unfortunately, in my opinion, this has diverted a great deal of time, effort, and talent, away from serious research to find out exactly how such voices actually arrive in our electronics, and find out what designs really are necessary to improve the quality of reception.

Second, some researchers, perhaps quite a number, especially those who do not have a technical or scientific background, have I think, been lead to believe that everything possible has already been tried. And then conclude that TC is strictly a psychic phenomenon, that electronics has nothing to do with it, and that therefore it is useless to try to development more sensitive receiving equipment. The fact of the matter of course, is that very little has been tried out of a virtually infinite range of experimental possibilities. We have only started in that direction.

Third, as the situation now stands, I think it may be rather discouraging to new people just entering the field, especially people with technical knowledge. For example, an Electronics Engineer might take a look at the conglomeration of different receiving systems thus far devised, then reasonably, but erroneously, conclude that they are all illogical nonsense, and lose interest before giving themselves a chance to find out enough about the phenomenon to become seriously interested.

A hopeful sign I do see, is that according to letters I have received, there is, I think, a consensus beginning to form, not on a specific receiving system, but rather a consensus that in order to make progress it will be necessary to use logical and practical scientific experimental methods. I agree. I believe that if correct methods are used, it will lead to correct circuits, which in turn will lead to more efficient transreceivers. At this point in time, a consensus of opinion as to an approach to the reception problem, is actually more important, I think, than any specific system that has been devised up to this time. Often times, whether a problem is solved or not, depends more on the direction from which it is approached, than on anything else.

As far as our transpartners are concerned, Mary is absolutely certain it was her Grandfather, that she both saw and heard at the time, who told her that the only way to improve reception is to use "feedback through continuously repeated stages" and who later showed her a vision of what an efficient transreceiver will look like. Mary's dad ("Tex"), who is an Electronics and Computer Engineer, formally with IBM, and who is very interested in

Transcommunication, promised, when he knew he was soon going there, to help from the other side of the fence. We believe he has already contacted us. When a truly efficient transreceiver is eventually developed, it will be very interesting to see how closely it resembles what we have already been told and shown. Thinking among researchers today, is much closer to the principles advocated in these first messages, than it was in 1975 when these messages were received. I don't believe this is a coincident.

As you say, they don't know everything, just because they are over on that side. Also they are not permitted to tell us everything they do know. I have at times ask questions about this or that, only to be told simply -- "Not permitted!". However, I do believe there is a tremendous body of knowledge which they do know, and which they are permitted to tell us, including knowledge about how to build an efficient transreceiver.

In the latter case however, it seems they are permitted only to indicate to us, through our own experimental work here on our side, as to whether or not we are headed in the right direction. Rather than being permitted to give us the schematic or otherwise telling us precisely what is required.

Over the years I have come to the conclusion that development of Transcommunication is being very precisely choreographed by higher Authority. When we are making satisfactory progress on our own, no new information comes through. But when we get a little behind schedule, a few new clues come through, or some new TC phenomena happens to further stimulate interest. I think there is a very good reason for this in that our civilization is simply not ready for sudden, clear, open communication with a reality that most of humanity pays lip service to, but doesn't seriously believe exists. It is far better that this come about gradually, even though most of us who are directly involved, are quite impatient for faster progress.

It is said that great events cast their shadow beforehand, and that the greater the event, the longer the shadow. Transcommunication is casting a very long shadow, which perhaps tells us something about the effect it will eventually have on our civilization.

From Dr. Ernst Senkowski Apr. 1993

The Russian term 'schum' generally refers to 'noise' and there may well be a relation to the German 'Schaum' - 'foam'. which reminds of the 'quantum foam' of the physicists and the

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fluctuations in it.

With respect to energy there should not be a misunderstanding.

A normal citizen believes in the existence of 'energy' - but as I have written - the term or notion has been introduced as an abbreviation in the mathematical descriptions in physics. Naturally inside this system one can derive - that is indirectly 'measure' - energy f.i. by multiplying 'distance' by 'force' (which in itself is nothing but an anthropomorphic term to explain the 'cause' of 'movement' - and movement is nothing else but the mental comparison between one new observation and the memory of a preceding one of the relative position of a so-called 'object'). No, no, things are not so simple.

And psychokinetic energy apparently presents a violation of the rule of conservation of energy. So - quite independent from the amount of energy involved in PK-events - we have either to accept the idea that an energy distribution is changed by the mind (so that f.i. the temperature of the surroundings is lowered - which has been observed in poltergeist phenomena) - or that energy is introduced from elsewhere into our system. But all this in my personal view is something which our children name 'keekee' meaning 'nonsense'. What we 'really experience' (or 'observe') are informational structures of more or less reproducibility and we use a certain system to describe (mathematically) what's going on according to certain 'laws' (= rules). With that belief we are able to predict the result of certain actions, to produce or form 'material objects' and to make big business.

The rest of it - everything which should be human - goes down the sink.

Letter May 10, '93
From Rev. Rupert Sigurdsson N.S.T.

I was very pleased to get your "Spirit Voice" newsletters, you are to be congratulated on the effort that you have put into the work.

I have been a life long spiritualist, in fact third generation spiritualist. My interest has been in research and since I retired eleven years ago after fifty years of radio and TV servicing, I now have more time to pursue my parapsychological interests.

I studied hypnosis in the late forties and became a certified hypnotist for the purpose of better understanding mediumship and

reincarnation, also started the United Psychic and Hypnotic Research Association which operated with several professional people until nineteen sixty seven, at that time my business took all my time and it fell apart.

I just recently retired from being Pastor of the Augusta Spiritualist Church, since most of the meetings were held at night and night driving bothers my eyes. I am however giving talks to the Spiritualist churches and camps in Maine on EVP and related Spiritual subjects also writing articles for National Spiritualist and other magazines, a chapter on trance for a book a Psychologist is writing also ten beginner lessons in spiritualism for the State Spiritualist Association.

I have been experimenting with EVP for about ten years and have had enough voices to accept that they are from Spirit. Many of the ideas mentioned in your newsletter I have tried, with about the same results. At present I am trying a pyramid about thirteen inches high made to scale of thin plywood, with a microphone suspended from the top over a pan of water, I have received the word water several times on tape, I feel we must find a means of connecting the material electronic circuit with the vibrations of the Spirit world to receive good communication. To me this is the mediumship of the future and that was the title of an article I wrote for the National Spiritualist Magazine.

I would like permission to quote from your newsletters in my talks and articles as I feel there are some very interesting facts in them also you are welcome to use anything that I write to you or be of assistance to you in your newsletters. I feel we are working for the enlightenment of the general population, to help in the realization of the continuity of life and the ability to communicate with the Spirit world and other levels of intelligence.

(Reply) I have always believed the educational aspects of Transcommunication to be the most important. The more people there are who know about the phenomenon, the more people there will be who try communicating with the Spirit world through electronics. And the more people who try, the more there are who succeed, and the more there are who succeed, the more difficult it becomes for the scientific establishment to ignore the phenomenon.

Your considerable efforts in writing and lecturing on the subject, are commendable. It is through the efforts of people such as yourself

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and others, that the public is gradually becoming aware of Transcommunication, despite the fact that the scientific establishment still has its head in the sand.

Your experimentation with a scale model pyramid is quite interesting. This concept has been proposed before, but you are the first I can recall, to actually experiment with the microphone inside a model pyramid. Usually the proposal is to place the microphone diaphragm at the location of the King's chamber, where "pyramid energy" is supposed to be the most intense.

Incidentally, Bill Welch, author of "Talks with the Dead", used a pyramid in recording. Bill had made a scale model out of stiff sheet plastic, I believe it was, just the right size to fit on top of his reel-reel recorder. He felt that reception was of somewhat better quality when he used this.

I also noted your use of water. There are others who believe that recording near a body of water, or placing a container of water near the receiving equipment, is of some help. And the sound of running water has of course, been used as an audio carrier. On the surface it would seem that the proximity of water could have no conceivable effect on reception quality. However, under the psychokinetic hypothesis, which is now being taken more seriously, there may be a reason.

But first, in talking about the generation of psychokinetic energy, the unspoken assumption has always been that what we are really talking about is energy conversion, not energy creation. Just as when we think about a power plant generating electricity, there is the unspoken assumption that we are not talking about a machine that creates energy, but rather a machine that converts one form of energy into a different form. In this case from mechanical to electrical.

As every high school student knows and as Dr Senkowski has recently pointed out would also have to apply to psychokinetic energy (if there is such a thing), energy can neither be created nor destroyed -- only converted from one form to another.

This means that where paranormal phenomena are concerned, especially PK effects, there must be some source of energy, in one form or another, which can be converted into a suitable form of energy, probably psychokinetic, in order to bring about the phenomena. Evidently, in some cases this energy is drawn from the experimenter, while in other cases it is drawn from the environment.

I'm sure you are familiar with some of

the many cases in literature, and perhaps have personal knowledge of reports of "cold spots", "cold rooms or hallways", etc., at places, and usually at the same time, that paranormal phenomena occurs, apparitions, etc.

Since the atmosphere is over 400 degrees above zero (absolute), even on what we perceive as a cold day, the atmosphere still contains a considerable amount of thermal energy. And it may be that the Spirits find this a convenient source of energy to draw from. It would be interesting to compute how much energy could be derived from lets say, reducing 100 cubic feet of air by 10 degrees.

The interesting thing is that water, being much more dense than air, would contain much more thermal energy per given volume, and may thus be a more efficient source of energy for paranormal projects. Presuming of course, that the Spirits are able to draw on water as a source of energy as they appear to be able to draw on atmospheric energy and/or energy radiated by the experimenter.

If the Spirits actually are using environmental energy, atmospheric, etc., this would go a long way toward explaining how they manage to bring about psychokinetic effects, such as computer and answering machine messages, etc., when the experimenter is not at home, or anywhere in the area. We need to ask the other side a lot more questions along these lines, before we can get a clear picture of just how all this works.

I certainly agree Transcommunication is going to be the mediumship of the future. The scientific establishment has always tried to rationalize away mediumship and channeling as being nothing but aberrations of the subconscious mind -- or worse. I think in time, channelers and mediums, other than Transmediums, are going to pretty much become history. Which of course, is not going to be to the liking of those who make a living in these professions.

On the other hand, communicating with the Spirit world through electronics, is a whole new ball game. There has been, is now, and for some time will be, controversy as to the origine of these messages. But the question of the existence of the messages themselves, has become academic. There existence cannot be denied, at least not by anyone who has their eyes and ears open.

In time, at the very least, the scientific establishment will be forced to at least consider the possibility that the mind might be capable of having a direct effect on matter. In fact, if the establishment attempts to rationalize away TC

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phenomenon as an aberration of the subconscious, then, as a first step, it will have to accept the possibility that such a thing as psychokinetic energy exists, through which the mind is able to directly effect electronic equipment. This presents an interesting dilemma. It is just not possible to explain the existence of Transcommunication within the framework of the reality paradigm which is now held by the majority of scientists. The outcome of all this should be most interesting to watch!

In any case, as Transcommunication phenomena becomes both more common and more diverse, it becomes more and more difficult to rationalize it away as an aberration of the experimenter's subconscious mind. At least not without the unfounded assumption that the subconscious mind has as absolutely unbelievable range of unknown abilities. In the mean time, for those of us who are seriously interested in communicating with extended reality, i. e., the Spirit world, Transcommunication is, or is in the process of becoming, the best, most reliable, and certainly the most credible, method.

I think Transcommunication also has another advantage over mediumship and channeling, in that unlike people, tape recorders have an "off" switch. I don't know a whole lot about mediumship, but I understand that when a person develops themselves as a sensitive or medium, there are sometimes problems with receiving communication which they do not want from persons they do not wish to be in contact with.

In Transcommunication there is no such problem, because if the experimenter hears something they don't want to hear, all they have to do is turn off the recorder and try again at a later date. I only had to do this one time. Whoever it was who was trying to harass me on that occasion, evidently took the hint and hasn't tried it since.

As a Minister, you have probably had to field questions about whether TC is good or bad. So I would like to tell you what little I have learned about this issue.

I have been involved in this field now for the better part of twenty years. During this period I have been in contact with many dozens of people. Out of all these people, there are only two who have ever told me that they were being harassed by voices. In both cases they were hearing voices directly in their mind. And in both cases the harassment had started long before they had ever heard of EVP. In both cases they had become interested in EVP in seeking a cure for their problem.

One of these persons had been in a mental hospital a couple times, and at the time was under the care of a Psychiatrist. He wanted to know how to build a "shield" to keep these voices out of his head. I wrote back, told him there was no known shield against telepathic messages, and suggested he try EVP to find out why they were harassing him. I haven't heard from him since.

The other person did try EVP, and heard exactly the same voices on tape he had heard mentally, which seems to have been what the entities wanted. I gather that the mental harassment then decreased and he was much better able to cope with the problem. In a sense, the problem was "cured" by his becoming involved with Transcommunication.

On the other hand I have received letters that have almost brought tears to my eyes, from people who had lost loved ones and were later able to contact them through TC, recognizing their voices and communicating extensively enough to assure themselves that the person actually had survived.

Others have told me that through Transcommunication they now know for certain that survival actually is a fact of life. And that knowing this, they are now much better able to cope with the adversities of this lifetime, because they know it is only temporary. Or as one person put it -- just another day in school, one out of many.

My overall impression then, is that Transcommunication is a very positive influence in the lives of those who become seriously involved. In this day and age, when so many people are becoming depressed and disenchanted with material things, I think our society needs all the positive influences it can get.

I agree we do indeed need to find the means of connecting the material electronic circuit with the vibrations of the Spirit world, to receive good communication. I believe there are hundreds, probably thousands of professional people, Psychologists, Philosophers, Sociologists, Religious leaders, Physicists, etc., who would be highly interested in studying Transcommunication -- if it was reasonably accessible. And here I am talking about people who would not even consider studying the possibility of survival through mediums and channelers.

Unfortunately, hardly any of these people have the time, patience, or inclination that the difficulties of TC reception still demand at this time. There is a tremendous need for more efficient receiving equipment. Transcommunication is growing steadily and at a gradually

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accelerating rate, but I don't think it will really open up into a legitimate field of academic study until we have equipment efficient enough to make it accessible to those who would otherwise be interested.

But this day is gradually coming. The phenomenon is becoming more common and diverse, concepts gradually developing and maturing, experimentation continues, progress is being made -- even though it is not as rapid as most of us would like to see.

COMPARATIVE TR EXPERIMENTATION PART 4

Limiters

In the noise generator, the limiter circuit between the last VB filter stage and the buffer, may need to be adjusted depending upon the experimenter's normal voice reception quality. As is apparent from examining the circuit, the limiter can be either beneficial or detrimental, depending on the initial voice S/N ratio.

Where the S/N ratio is in the negative dB area (SV-10/36), as it is for at least some of us, most of the voice information seems to be carried on the mid-amplitude components of the noise waveform. Unfortunately, noise also contains numerous sharp spikes which are usually the highest amplitude parts of the signal, and usually contain little, if any, of the voice information.

The sensitivity of the ear has a certain amount of hysteresis. The effect being that each time a noise spike reaches the ear, the ear is momentarily desensitized, and requires a few MS to recover. During this recovery time, voice information, carried as mid-level components of the signal, are missed.

It follows then, that if the amplitude of the noise spikes could be reduced, their negative effect would be less severe, and the signal, including the voice components, could be listened to at a slightly higher level. This in turn would make very low level voices a little more understandable. The limiter of course, is designed to do just exactly that, i.e., round off and decrease the amplitude of the higher amplitude noise spikes.

The down side of using such a circuit of course, is that if any higher level voices, i.e., of above unity S/N ratio, should happen to come through, the limiter would treat the voice as a noise spike, and the voice would be deteriorated to a greater or lesser extent, depending on its initial S/N ratio.

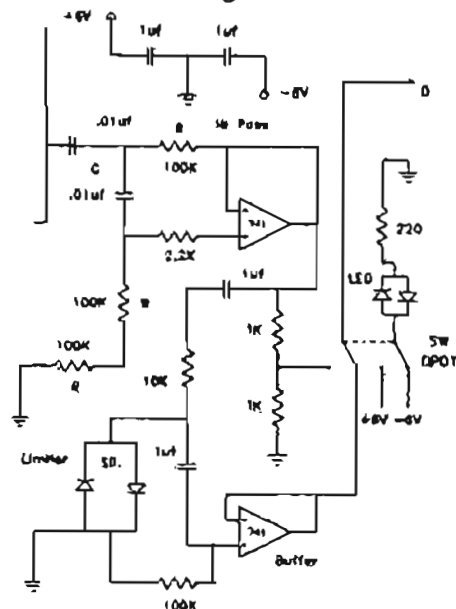
It seems then we have a choice of using the limiter to improve very low level voices while

taking a chance of almost eliminating any really good voices that may come through, or bypassing the limiter in the hope of receiving a few good quality voices while making the majority of voices more difficult, some impossible, to understand.

At this point in time, we do not know for sure whether the electronic noise generator will be a permanent necessity in transceiver design. If it is, then as design becomes more sophisticated, means will undoubtedly be developed to solve the limiter problem.. Possibility some kind of automatic "squellch" control which would normally keep the limiter switched into the circuit until a higher level signal appeared, at which time the limiter would be automatically bypassed to allow a high S/N ratio voice to get through.

In the mean time, a quick and dirty solution to this problem, is to install a switch in the circuit (Fig-1). This is a convenient arrangement which allows the experimenter to occasionally record with the limiter bypassed to see if any really good quality voices might happen to come through.

Fig-1



In the above illustration, a voltage divider is used in the filter output to maintain approximately the same generator output level, as the limiter is switched in and out. Also a bicolor LED indicator is used (Radio Shack 276-012) to show the limiter status from across the room. Green for in, and red for bypassed. This of course, is optional.

Recently, on occasion, we have been

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leaving our lead receiver turned on for long periods of time, while engaged in other activities such as computer work or reading, etc. The receiver is turned down to a background level, so as not to be too annoying. (A squelch control is definitely in the future of transreceivers) From time to time, we have both heard voices from across the room or even from the next room, but not yet of understandable quality. I will soon be installing a second shelf above our computer, which is in our living room, where we can keep our lead receiver plugged in.

Such standby operation of course, is quite common in amateur radio and CB operation. With the squelch control properly set, the unit is silenced until a signal comes in which is strong enough to "break" the squelch, and then the message can be heard. Undoubtedly in time, when more efficient transreceivers are developed, this same method will be used by some people to let their friends on the other side come through pretty much whenever they have something to say.

In order to use our experimental receivers in this way, I have installed limiter bypass switches in both receivers as described above. In background listening there is no chance of understanding a voice unless it is noticeably louder than the background noise. And of course, there is no second chance because there is no recording being made. At this point in time we are doing this mostly to give our friends more opportunity to practice with the electronics, but also in the hope that as things progress they will be able to start coming through at an understandable level.

One factor which should be considered, is that the limiter probably should be adjusted for each individual experimenter, since each person's normal reception quality is probably somewhat different.

The circuit as shown (SV-13/25) and as used in my present experimental receivers, has been adjusted to a 2/1 limiting ratio. That is, the output from the unity gain buffer is 1/2 the P-P output level of the filter. This seems to work well enough for me at this time, although I have done very little experimentation in this area. You may find, especially if your reception is slightly better, that a 1.5/1 or a 1.25/1 ratio works better for you. (The ratio can be easily changed by adjusting the generator amplifier pot.)

As with any other receiver design changes, I would strongly recommend using the blind comparison method -- the results may be a surprise. You might try bypassing the limiter

in one of your receivers, after making sure of course, that both receivers are otherwise configured exactly the same, and then running a comparison experiment to see which one yields the most understandable voices.

If your best reception is with the limiter in operation, then you might do further comparisons using different limiter ratios until you find the optimal ratio which for you as an individual, yields the most understandable voices.

Voice Modulation

As was discussed in previous issues, there appears to be two different effects involved in voice reception. For purposes of discussion we can designate these as the generator effect, and the modulation effect. The generator effect is associated with the generation of electronic noise within the receiver or receiving system, and appears to the listener as voice mixed with, or somehow created out of, noise. It is still unclear whether this effect is a modulation of the noise waveform at some point in the circuit after the noise is generated, or whether, as MacRae has hypothesized, it is an effect on probabilities during the course of noise generation, although the latter seems the most probable.

The modulation effect is associated with audio carriers which are created external to the receiving system, such as carrier tapes, radio static and broadcast voices, background noise, etc., as well as non-electronic noise such as tone generator signals, which are contained within the receiving system itself. This effect has been variously called modulation, voice modulation, re-modulation, voice metamorphosis, etc., depending primarily on the nature of the audio carrier involved. It seems almost certain, or at least highly probable, that this is a simple modulation of one sound (carrier) by a second sound (voice). Although the means by which this happens, is anything but clear.

In so far as the possibility of reception improvement is concerned, it would seem the first of these effects, the generator effect, allows quite limited possibilities. The generator used in Conf. 6 (SV-13/25) uses junction effect noise. However, since all electronic components and devices, from resistors to vacuum tubes, generate electronic noise, there is still considerable room for experimentation in this area.

It might be found that generating noise at a higher or lower(?) level, or in a different device, such as a vacuum tube, is more suitable for voice reception. Along this line, there have been reports from several different researchers over the years, that reception is somewhat

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better on a tube type radio or recorder, than on a transistor set. Tube noise might have something to do with this.

It is difficult to imagine however, voice clarification, or even really significant quality improvement, being brought about simply through use of a different type of noise generator. In addition, Mary and at least one other researcher, have been told that a number of stages are needed to improve reception. Mary was told that there has to be feedback through these stages. It is difficult to see how stringing several noise generators together in series, could possibly be of benefit or serve any useful purpose.

Logically then, it appears our best hope of improving reception quality, is in the second or modulation effect. In order to do this, it will be necessary to determine in what kind of circuits, devices, transducers, etc., this effect takes place, and how it works. And the only way to do this, is to ask the other side through experimentation. Continued efforts on the part of researchers here, to figure out, simply through the use of logic, which of an infinite combination of circuits and signals is the one needed, is likely to be no more successful in the future than it has been in decades past.

We do however, need some kind of starting point, an initial device of some sort, in order to begin the questing process about the modulation effect. Ever since Raudive's time, the

prime suspect where voice modulation might take place, has of course, been the electromagnetic coupling. There have been many experiments done with various types of such couplings, and with various frequencies from audio to visible light. None of these experiments has resulted in any outstanding success, including those of Bill O'Neil, whose results were apparently due mostly to his own mediumistic abilities rather than his equipment setup.

But suppose the reason for this lack of success is not because the EM coupling is the wrong device, but rather because the modulation effect is so subtle that its effect on EM couplings has not yet actually become apparent?

In beginning a study of the modulation effect then, a reasonable starting point would be to simply ask the other side if an EM coupling, in one form or another, is needed. It is upon this rationale that the following experiment was based.

Since there is a virtually infinite number of EM coupling configurations and signal combinations possible, there was no hope of an actual reception improvement in this initial experiment. Things are not that simple. But then this of course, was not the purpose of the experiment. The objective was to add to our database of technical knowledge by determining whether an EM coupling should actually be included in transreceiver design.

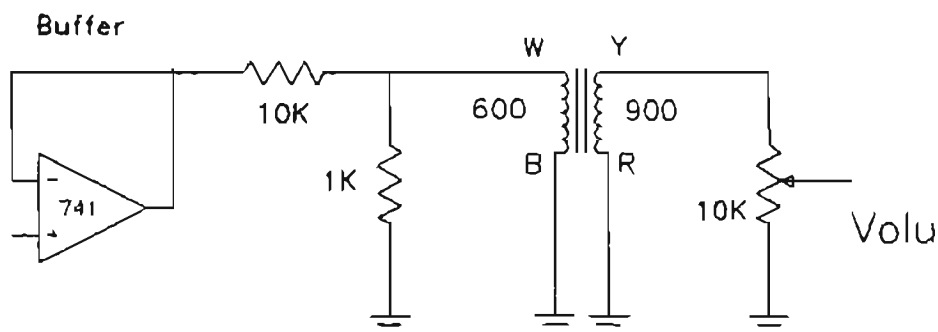
Experiment # 338

Lead TR

CF_006BW

Experimental TR

EX_003BW - Identical to CF_006BW except for an audio isolation transformer placed between the voltage divider and the AF power amplifier volume control.



EX_003BW

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- Objective** To determine whether an electromagnetic coupling, in one form or another, should be included in TR design.
- Recording** This is recording number 338. June 20, 1993, 9 AM. I am working alone. Mary is in town. Lead TR (CP_006BW) is used on the right channel. Experimental TR (EX_003BW) on the left channel is identical to lead except for an audio isolation transformer placed between the voltage divider attenuator and the amplifier volume control.
The object of this experiment is to ask whether an electromagnetic coupling, in one form or another, should be included in the TR circuit.
- Prayer**
- 1) I would like to invite those who have been communicating with me to again use this equipment to talk with us. I would also like to invite anyone else who may be here and comes in piece and good will, to use this equipment and help in our efforts to improve reception. I would first of all like to ask if there is any one here with me today.
Count 18-25
- 18-19 "Yes Weisensale" (Hidie) (A)
21-22 "Right now Bill" (Hidie) (B)
23 "I'm here" (Martha) (A)
24 "We have come here to help you" (Harry) (A)
24-25 "We have come here to help you" (Tex) (B)
- 2) Thank you for being here today and for your response. For the benefit of other experimenters, I would like to ask if this direct blind comparison method which we have been using should be, as I have been doing, recommended to other experimenters who are seriously interested in improving communication.
Thank you
Count 32-40
- 33 "A gift to Johnny, he can give it to the world" (M) (A)
33-34 "Yes Bill" (Martha) (B)
34-35 "Not for only you" (M) (A)
37-38 "You already made up your mind" (M) (A)
- 3) Thank you for your replies. I would like to ask if I understood correctly the statement at count 33. I don't know who you are referring to here. Have I heard the name Johnny correctly. Thank you
Count 45-52
- 45-46 "That's your name Bill" (Hidie) (A)
47 "That's right Bill" (Martha) (B)
49 "That's your name" (Martha) (A)
- 4) Thank you. This is most interesting and quite surprising, as I have never gone by the name John in this life. I would like to ask if this was my name in a previous life. Thank you
Count 58-65
- 58 "Yes it was" (Hidie) (A)
60-61 "Yes it was" (F) (A)
62 "Yes Bill" (Hidie) (A)
63 "But not any - more" (M) (B)
"But not any - more" (M) (B)

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- 5) Before analyzing the last segment. I would like to ask two more questions before ending this session for today. First of all, for the benefit of other experimenters, I would like to ask if, in general, we can expect there to be technically knowledge people on your side who have or would, volunteer to assist other experimenters here who are seriously trying to develop reception technology.
Thank you
Count 77-85

80-81 "Always" (Hidie) (A)
83-84 "Always" (Martha) (B)

- 6) Again thank you for whatever replies you may have made. The last question I would like to ask, is whether the technical information about transreceiver design which you have, is also available to others on your side working with other experimenters here.
I thank all of you, including the two Gentleman who's voices I can't recall having heard before, for being here today. I will record 10 counts in this last segment to allow for any reply you make to the above question, and any additional remarks you care to make. Thank you for being here today, and good day to you.
Count 97-108

98-99 "That's right Bill" (M) (A)
99-100 (personal - 3 words) (F) (A)
101 "Gooden night" (M) (A) (German accent)
103 "Goodnight" (Martha) (A)
103-4 "___ was here" (M) (B) (German accent)
103-4 "Goodnight Bill" (Hidie) (A)
104 "Talked with Bill" (M) (B)
105-6 "Goodnight Bill" (F) (A)

BLIND COMPARISON ANALYSIS

RECORDING OR TAPE #- 338

DATE- 6/20/93

TOTAL SEGMENTS RECORDED- 6
TOTAL COUNTS RECORDED- 47
TOTAL UNDERSTANDABLE WORDS RECORDED- 90
TOTAL UNDERSTANDABLE WORDS / COUNT- 1.91
TOTAL % OF CONVERSATIONAL FREQUENCY- 19.1%

CHANNEL A

TOTAL WORDS- 61
% OF TOTAL- 67%
WORDS / COUNT- 1.29
% OF CONV. FREQ.- 12.9%

CHANNEL B

TOTAL WORDS- 29
% OF TOTAL- 32%
WORDS / COUNT- .61
% OF CONV. FREQ.- 6.1%

Left SYSTEM APPROVED BY 110 %

APPROVED SYSTEM- EX_003BW Isolation Transformer (Becomes CF_007BW)

RESET- 1

MAIN MENU- 4

Experiment # 339

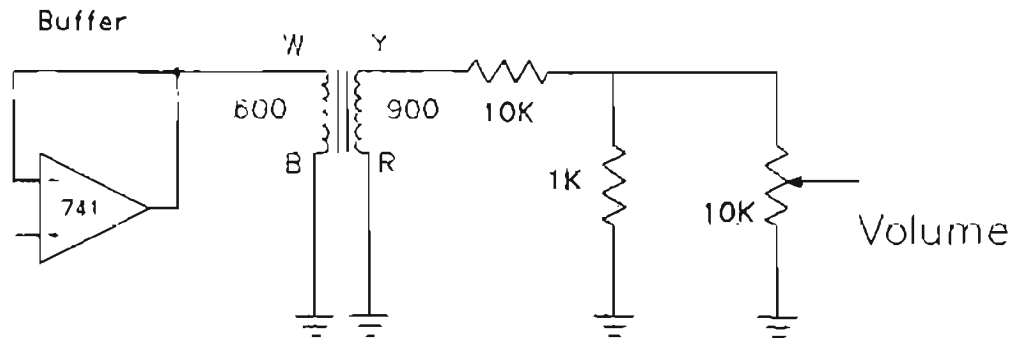
Lead TR
SV- 14/24

CF_007BW

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Experimental TR

EX_004BW - Identical to CF_007BW except that the audio isolation transformer has been placed between the buffer and voltage divider. At this point the signal passing through the EM coupling is approximately 10 times the level in the lead receiver EM coupling.



EX_008BW

Objective

The object of this experiment is to determine if the signal through the EM coupling should be stronger than it is in the lead TR.

Recording

This is recording number 339. Sat, June 26, 1993. Working alone, Mary is at Dawn's place.

Lead receiver (CF_007BW) is on right channel and contains an audio isolation transformer between the voltage divider and volume control as was approved in the last recording.

Experimental receiver (EX_004BW) has the transformer positioned between the buffer and voltage divider. At this point the signal passing through the EM coupling is approximately 10 times the level in the lead receiver EM coupling. The object of this experiment is to determine if the signal through the EM coupling should be stronger than it is in the lead TR.

Prayer

1)

I would like to again invite our friends and relatives, and anyone who is here in piece and goodwill, to talk with us through this equipment. I would like to ask if there is anyone here with me today. And especially I would like to ask if Harry or Tex, or both, are here today. Thank you
Count 20-28

20 "Both here" (M) (A)
20-21 "Weisensale" (M) (A)
21 "We are both here, Weisensale" (M) (A)
22-23 "_____ on beeper" (Hidie) (A)
22-23 "They are both here" (Martha) (B)
25 "They are both here" (M) (A)
26 "White seven" (Hidie) (B)
26-27 "White seven" (M) (B)
27 "White seven Bill" (M) (B)

2)

I thank all of you for your responses, and I thank you for being here today. Several times in the past I have ask if you are permitted to tell us information about this or that subject. Since this involves an extra question, and since this communication is still so difficult, from now on I will simply ask questions, and assume you will tell me it is not permitted if I should ask about something you

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are not permitted to tell us. I will certainly not be offended if you tell me some thing is not permitted, because I understand there are some things you are not allowed to tell us.

Harry or Tex, I would like to ask if in using noise as the carrier, whether the noise signal is effected at the circuit location where the signal is generated, and at the instant it is generated, or whether it is effected from your side at some other place in the circuit after it has already been generated. The question then is: Do you effect the electronic noise as it is generated, or later. Thank you

Count 50-57

52-53 "As generated" (M) (B)
53-54 "As generated Bill" (Hidie) (A)
54-55 "As generated" (M) (A)

- 3) Again I thank you for your responses. In light of what you just said, this may be a redundant question, but we consider it important to learn as much as possible about this process. I had believed for years that you were effecting the noise signal somewhere in the circuit after it had already been generated. Alec MacRae, as you know, recently proposed that you may be effecting the noise signal as it is being created, rather than later. From what I understood you to say about this, Alec is right about this aspect, and I was wrong. Is this correct? Thank you
Count 71-78

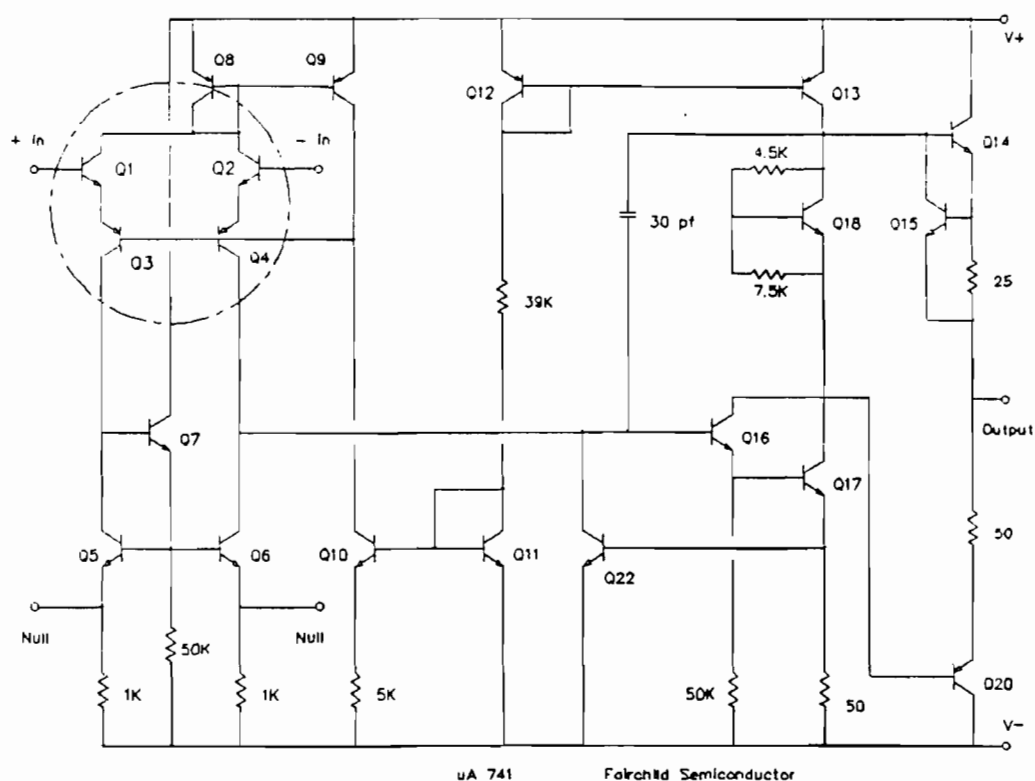
71 "I'm sorry Bill" (Hidie) (B)
71-72 "I'm sorry Bill" (M) (A)
73 "That's correct" (F) (A)
74-75 "That's your Boo - Boo" (Hidie) (A)
76 "I'm sorry Bill, but that's right" (M) (A)
77 "Sorry" (Hidie) (A)

- 4) Thank you, -- no need to apologize for telling me I was wrong. All of us here on this side are trying to learn, and I for one consider that you do me a favor when I am wrong about something, and you do me the honor of telling me so, -- so no problem. I thank you for the information.
I would like to continue by asking about the location of generation of the noise we hear through the speaker with this type of transreceiver. I certainly am not an Engineer, but it would seem to me that in the noise generator we are using in these receivers, that most of the noise we hear at the system output, is created at the P/N junctions of Q1. of the first half of the 1458, as shown in the 741 schematic in the open book laying here.
Now I know that all circuits generate noise, and that what we hear is a combination. But I would like to ask if most of what we hear is generated in Q1. And if not, then in which transistor is the output noise mostly generated.
Thank you
Count 100-110

100 "Number two helps" (F) (A)
100 "Number two helps" (M) (B)
100-01 "Number one" (M) (B)
100-01 "Number one Bill" (Hidie) (A)
104 "Q one" (M) (B)
104 "Number three contributes" (M) (A)
104-05 "Q one" (Harry) (B)
105 "Number three" (M) (A)
107 "Q one" (M) (B)

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108-09 "You need a tranquilizer" (M) (B)



- 5)

Rather than analyzing the last segment immediately, I would like to ask three more questions, which I will do all at one time so that you don't need to wait through the tedious analysis process, if you don't care to.

Thank you for whatever you replied on the last segment. As you know, there is a phenomenon which we call psychokinetic energy. This energy is capable, at times, of moving objects about, bending metal, etc., by no visible means. Because of the type of effects observed, it is very obviously directed by intelligence. I am very curious as to whether it is the same PK energy, as we call it, which you use to effect electronic signals, or is it some other effect such as the morphic fields mentioned by Dr Senkowski? The question then is: In effecting our electronics, are you using PK energy, or some other kind of energy?

Count 129-136

- 129 "Psychokinetic" (F) (B)
130 "PK energy Bill" (Hidie) (A)
131-32 "Psychokinetic" (Hidie) (A)
133 "Psychokinetic" (Martha) (A)

- 6)

Thank you. I would like to ask whether this energy that you are using to effect our electronics, is created by you, or converted from some other kind of energy. Please bear with me on this, I have a reason for asking. Thank you
Count 144-150

- 144 "Conversion" (Hidie) (B) (Sounds like- CONvweerrrrSION)
145-46 "Dumb question!" (M) (A)
145-46 "Dumb question!" (M) (B) (Different voice)
147-48 "What do YOU think ?" (M) (B)

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7)

Last I would like to ask if you draw this energy from the experimenter, from the environment, or from either, depending upon circumstances. The question then is: can you draw energy from the experimenter, from the environment, or both? I would like to sincerely thank all of you for being here today, and for making so much effort to communicate through the inefficient equipment we are still using here on our side. Thank you and good day.
Count 162-172

161-62 "Both Bill" (Hidie) (A)
162-63 "Both of them" (F) (A)
164-65 "Good night Bill" (Hidie) (A)
164-65 "Mostly environment" (M) (A)
170-71 "Good night Bill" (M) (A)

BLIND COMPARISON ANALYSIS

RECORDING OR TAPE #- 339

DATE- 6/26/93

TOTAL SEGMENTS RECORDED- 7
TOTAL COUNTS RECORDED- 55
TOTAL UNDERSTANDABLE WORDS RECORDED- 101
TOTAL UNDERSTANDABLE WORDS / COUNT- 1.83
TOTAL % OF CONVERSATIONAL FREQUENCY- 18.3%

CHANNEL A

TOTAL WORDS- 66
% OF TOTAL- 65%
WORDS / COUNT- 1.2
% OF CONV. FREQ.- 12%

CHANNEL B

TOTAL WORDS- 35
% OF TOTAL- 34%
WORDS / COUNT- .63
% OF CONV. FREQ.- 6.3%

Left SYSTEM APPROVED BY 88%

APPROVED SYSTEM- EX_004 Higher level EM (Becomes CF_008BW)

RESET- 1

MAIN MENU- 4

Note -

In asking the last question, I was making the assumption that they had answered "conversion" to the previous question. A reasonable assumption in light of the fact that any other answer would have been a violation of the law of conservation of energy. As mentioned before,

Transcommunication may be a highly unusual phenomenon, but it is not magic ! As it later turned out, they had indeed answered "conversion", quite emphatically and just a bit sarcastically. And then, for the first time since I first started recording, went on to express their opinion of the question.

Experiment # 340

Lead TR	CF_008BW
Experimental TR	EX_005BW - Substitution of radio frequency EM coupling for AF isolation transformer. (SV-14/29) Noise generator signal used to modulate the RF signal. RF approx. 1Mhz
Objective	The object of this experiment is to determine if the signal through the EM coupling should be an RF carrier.
Recording	This is recording number 340. July 5, 1993, 2:30 PM Mary is in the next room.
SV- 14/28	

Spirit Voices

On the right channel is the lead from Exp. number 339.

The experimental receiver on the left channel includes a wireless microphone type transmitter and primitive detector/10x AF amplifier arrangement. The antenna coupling is two pieces of hookup wire, positioned vertically, about one inch apart. RF carrier frequency is about 1 MHz. noise modulation of the RF carrier is about 25%

It has been indicated to us in Exp. 338 that an electromagnetic coupling should be used in the receiver. The object of this experiment is to determine if the EM coupling should operate at audio or at above audio frequency, in this case as an initial test, 1 MHz.

Prayer

- 1) I would like to invite all our friends and relatives, especially Hidie, Martha, Harry, Tex and anyone else who comes in piece and good will, to use this equipment to talk with us today. And we ask for your help in our efforts to improve electronic communication. I would like to first of all ask if there is any one here with me today. Thank you
Count 25-32

26 "We are here" (M) (A)
26-27 "We are here" (Martha) (A)
27 "Thank you hon" (Hidie) (B)
28-29 "We are here" (M) (A)
"We are here" (M) (A) (different voice)
30-31 "We are here" (Martha) (A)
30-31 (Personal - 3 words) (F) (B)
31 "We are here" (Hidie) (A)
- 2) I thank you very much for your response and for being here with me today. In the last session you told me that you can use both energy from the experiment er and energy from the environment, and you also told me it was mostly from the environment.
I would like to ask if there is any energy, electrical, electromagnetic, acoustic, thermal, etc., which we could supply that would make it easier for you to generate the PK energy you told me you use to effect our electronics. If there is energy we could supply, can you tell us what kind you need?
Count 42-50

42 "Thermal energy Bill" (Hidie) (A)
43 "Electrical" (Harry) (B)
43-44 "All kinds Bill" (Hidie) (A)
"Thermal energy Bill" (Martha) (B)
44 "Hot" (Hidie) (A)
45-46 "All kinds Bill" (Martha) (A)
"Hey Bill" (Hidie) (B)
46 "Hot" (Hidie) (B)
46-47 "Hot" (Hidie) (A)
47-48 "The living one" (M) (B)
- 3) Thank you for your response. Since this matter is of potential importance, as it may help us to help you get through, I would like to verify that I understood you correctly. I understood you to say you can use all kinds of energy, including thermal and electrical, for conversion to PK energy. Have I understood you correctly? Thank you
Count 58-65

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58-59 "Understood correctly" (Hidie) (A)
 61-62 "That's right" (Hidie) (B)
 62 "That's right" (Martha) (B)
 63 "Thermal energy is correct" (M) (A)
 63-64 "That's correct" (M) (A)
 64-65 "Right Bill" (M) (A)
 65 "They are both right" (F) (B)

- 4) Thank you. I would like to ask another question further along this line. In those cases where messages are received from your side, during a time when no one is present near the equipment on this side, such as computer and answering machine messages, etc., I'm sure you remember the time I started the recorder and then left the property for awhile, and so forth. In these messages received when no embodied person is present, are you using only environmental energy, energy from the experimenter at a distance, or both?
 Count 78-85

81-82 "The environment" (M) (A)
 82 "The environment" (M) (A)
 "The environment" (Martha) (A)
 82-83 "The environment Bill" (Hidie) (A)
 83-84 "The environment" (M) (B)

- 5) Thank you for whatever response you made. I would like to ask a couple more questions, back to back, and then end today's recording. You have indicated that an electromagnetic coupling is needed in the receiver, so presumably you are able to effect one of the characteristics of EM couplings. I would like to ask if you:

- 1) directly effect EM field strength
- 2) effect permeability of the dielectric
- 3) effect current flow in the antenna
- 4) all of these
- 5) non of these

Thank you
 Count 99-108

99 "Current strength" (Hidie) (A)
 101 "Electromagnetic field" (Martha) (A)
 "Magnetic field" (M) (B)
 101-02 "Magnetic field" (F) (B)
 103-04 "Magnetic field" (Harry) (A)
 104-05 "Current strength" (Hidie) (A)
 105-06 "Current strength" (Harry) (A)

- 6) Again thank you for your response. You have told us you effect our electronics with PK energy converted from other energy, which is sometimes energy from the experimenter. I would like to ask if the energy you draw from the experimenter, is also PK energy, or some other kind of energy, such as from the aura, or morphic fields, etc. That is, are you drawing "unmodulated" PK energy from the experimenter, which you then "voice modulate" and use to effect the equipment, or are you drawing from the experimenter a different type of energy which you then convert to psychokinetic? Thank you
 Count 122-130

123-24 "Its psychokinetic Bill" (Hidie) (B)
 124-25 "Psychokinetic" (Hidie) (A)

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127-28 "Its still psychokinetic" (F) (B)

7)

Again thank you

I would like to ask one more question and then bid you good day. I thank you for being here and helping which is always appreciated.

As you know, of late I have turned on the lead receiver, for an hour or several hours, while engaged in other activities. Even with the volume turned down to background level, Mary and I can sometimes hear one or another on your side trying to talk to us. So far, from across the room or the next room, we have not been able to understand what is said. Hopefully this will change as time goes on.

The question I would like to ask is; does it help you and others on your side, by leaving a receiver turned on for extended periods, in order to let your side have the opportunity to practice with our electronics? Again thank you for being here today. I look forward to next time.

Count 144-154

145-46 "Good night" (M) (A)

147-48 "Good night Bill" (Hidie) (B)

148 "Good night Bill" (Hidie) (B)

148-49 "Good night" (M) (B)

"Till next time" (M) (A)

150 "Till next time" (Hidie) (A)

152 "It helps" (Martha) (A)

153 "It helps" (Martha) (A)

BLIND COMPARISON ANALYSIS

RECORDING OR TAPE #- 340

DATE- 7/5/93

TOTAL SEGMENTS RECORDED- 7

TOTAL COUNTS RECORDED- 56

TOTAL UNDERSTANDABLE WORDS RECORDED- 115

TOTAL UNDERSTANDABLE WORDS / COUNT- 2.05

TOTAL % OF CONVERSATIONAL FREQUENCY- 20.5%

CHANNEL A

CHANNEL B

TOTAL WORDS-71

% OF TOTAL- 61%

WORDS / COUNT- 1.26

% OF CONV. FREQ.- 12.6%

TOTAL WORDS- 44

% OF TOTAL- 38%

WORDS / COUNT- .78

% OF CONV. FREQ.- 7.8%

Left SYSTEM APPROVED BY 61%

APPROVED SYSTEM- EX_005 RF/AF (Becomes CF_009BW)

RESET- 1

MAIN MENU- 4

NOTES

- 1) AA-EVP Address change.
Sarah Estep, Founder of the AA-EVP, has moved to a new address which is:
816 Midship Court
Annapolis, Maryland 21401
- 2) As you know, the SV series papers are

hole punched to fit in a three ring loose leaf notebook. The staples are intended only to hold the pages together temporarily. After they are placed in a notebook, if the staples are removed, it will allow the pages to lay flat for easy reading and reference.

- 3) Fax from Heaven ?

Spirit Voices

In the Summer AA-EVP Newsletter Sarah quotes from a letter received from Maggy and Jules Harsch-Fischback. (In part)

"On Friday, April 16th, we received the first contact by FAX from Swejen Salter in which she thanks Mark Macy and Hans Heckmann (from the other side) for their excellent work."

With this I have a problem.

We will not even consider the absurd possibility that the Spirit world has computers equipped with modems and FAX cards. This would lead to a whole quagmire of other questions such as where and how their phone network is connected to our network, whether Heaven is wired for 110V or 220V, and why they would need a phone system in the first place since they can be anywhere they want to be instantly, and communicate over any distance by telepathy.

Surprisingly however, from a practical standpoint, it should be no more difficult for Spirits to send a FAX message, than it is for them to write a computer screen message. An ability they have already demonstrated.

At any given time of the day or night, there are thousands of unattended computers, many of which are equipped to send FAX messages, in office buildings and private homes. Since locked doors are no barrier to our friends on the other side, they should have no problem finding a computer so equipped, with no one around. It would then be just a matter of typing out the message in a word processor, opening the FAX software, entering the destination phone number, and pushing the "send" button.

But the question is why? Since there is no way to determine who sent the message, where it came from, or whether the sender was embodied or disembodied, a FAX message proves nothing.

At least in computer screen messages, which the Spirit can print out on the printer if they want to leave a hardcopy, there is evidence that it came from the Spirit world, if the person receiving the message knows no embodied person has had access to their computer. Even with answering machine messages there is at least a voice to compare with taped voices of the same person. But with FAX messages, the sender is anonymous, there is no way to tell if they are who they say they are.

If someone wanted to make a fool out of a Transmedium who was receiving FAX messages, all they would have to do is make up a plausible sounding message and send it to that TM's FAX machine. After the TM had publicly announced they had received that particular

message, the sender would only have to go public and announce they had sent the message as a test of the TM's gullibility. I don't have a FAX machine, but if I did, and I received a FAX from the "other side", I don't think I would tell anyone, even if I thought it was genuine -- personal opinion.

YOUR OWN EXPERIMENTS

The primary purpose of this series of papers is to gather and distribute as much Transcommunication technical information as possible, to help you, the TC experimenter, form your own hypotheses and set up your own experiments.

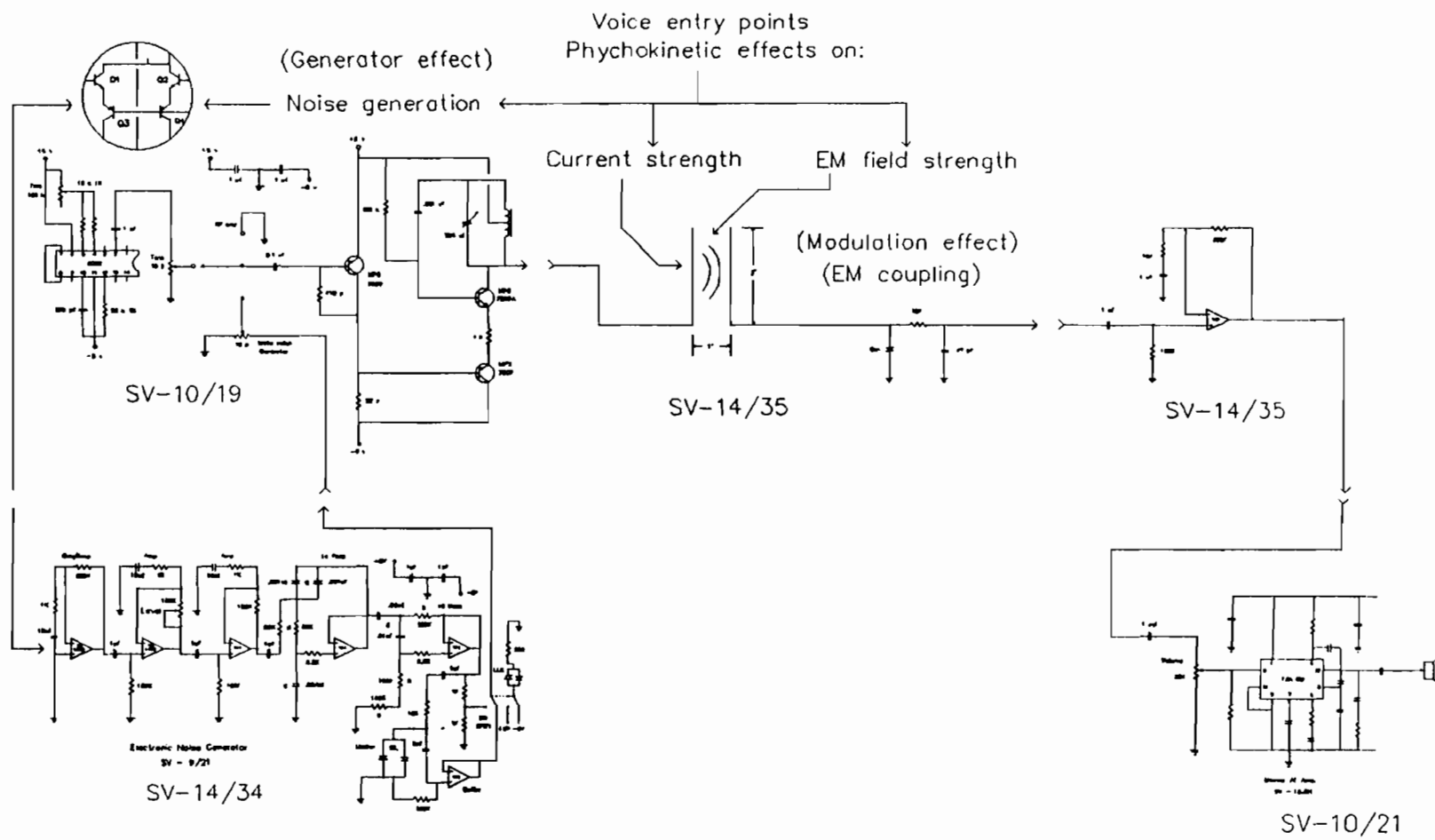
In starting your own experimental work, you have the choice of beginning with the highest current configuration number as your initial "lead" receiver and building on the foundation of experimentation which has already been done and published in this series, or if you prefer, start with an airband radio or modified FM receiver, as described in the last issue, and if you choose, verify what has already been done, and/or then go on to more advanced experiments of your own.

As you have noted, these experimental TR designs do not have a name. They are described only as experimental transreceivers. The term transreceiver is of course, derived from the term Transcommunication, which was coined by Dr. Senkowski, and can apply to any and all experimental circuits and/or devices used for Transcommunication. Other than this, the various "models" are designated only by configuration numbers, so that we know which circuit we are talking about.

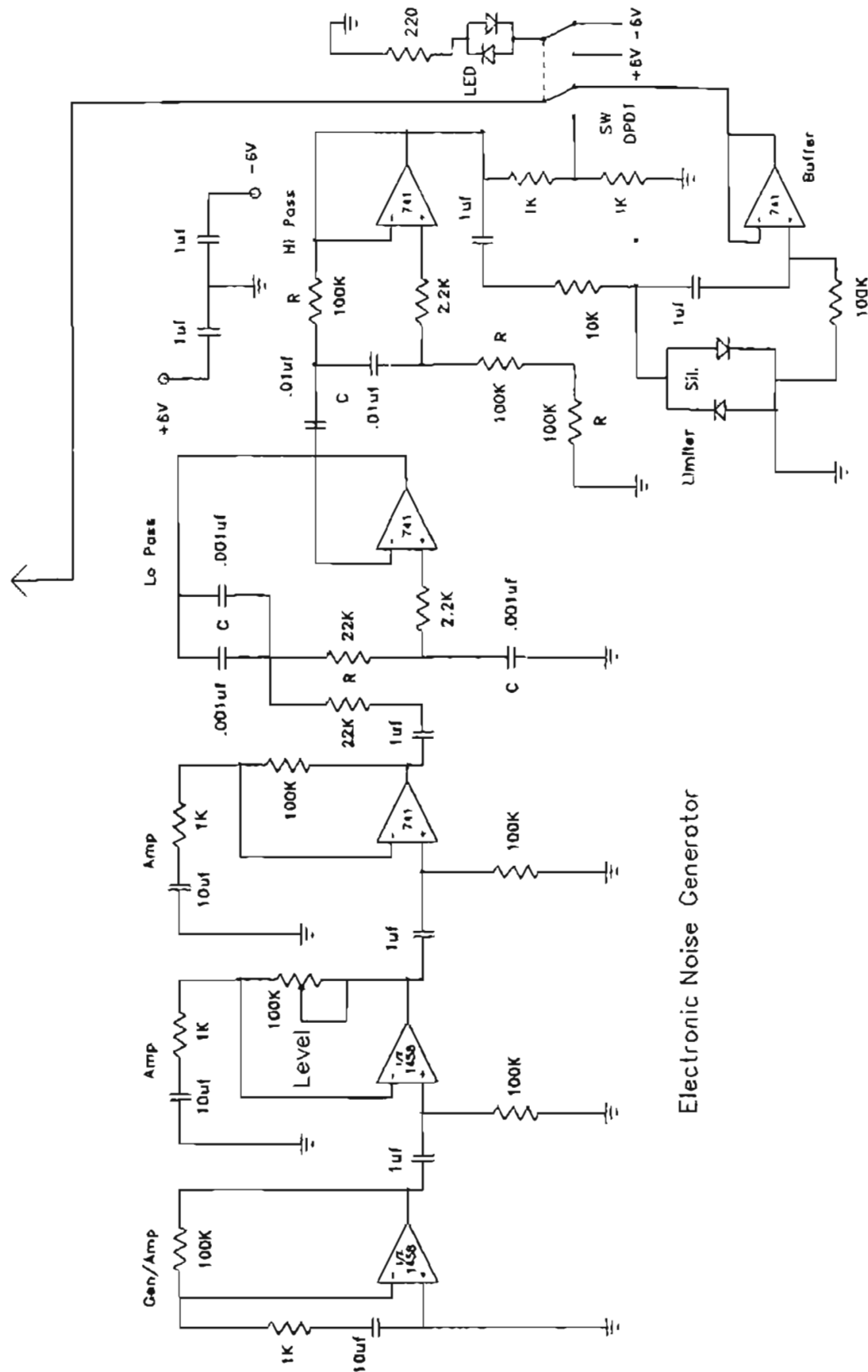
These experimental TR systems remain nameless because to name a system implies ownership, and these experimental TR designs are not owned by any one person, they are the property of humanity. You are free to use any of these designs as a starting point for your own work, and to use the same system of designation if you prefer, or use a different system of your own devising.

As transreceiver design advances and develops, there will undoubtedly be many changes. For example, if with more advanced designs, we find that the noise generator is no longer necessary, it can be eliminated. Or if we find that more than one EM coupling is approved, then more can be added, etc. These evolving configurations are not chiseled in stone, they can be modified in any direction indicated by the other side, and developed to any degree indicated by the other side, until

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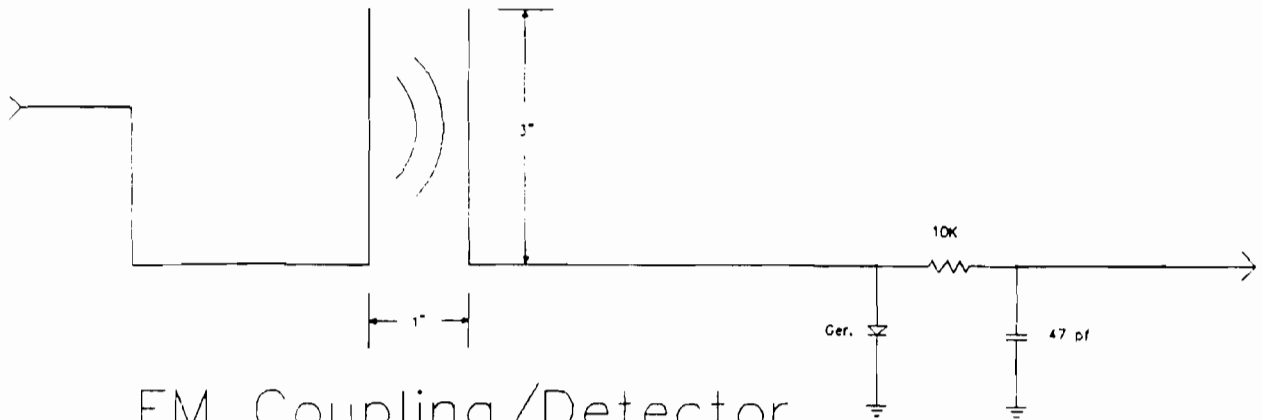
Configuration	CF_009	SV Page	14/33
Concept By	Bill Weisensole		
Drawn By	Bill Weisensole		
File-	CF_009BW	Date	6/29/93

[illegible]

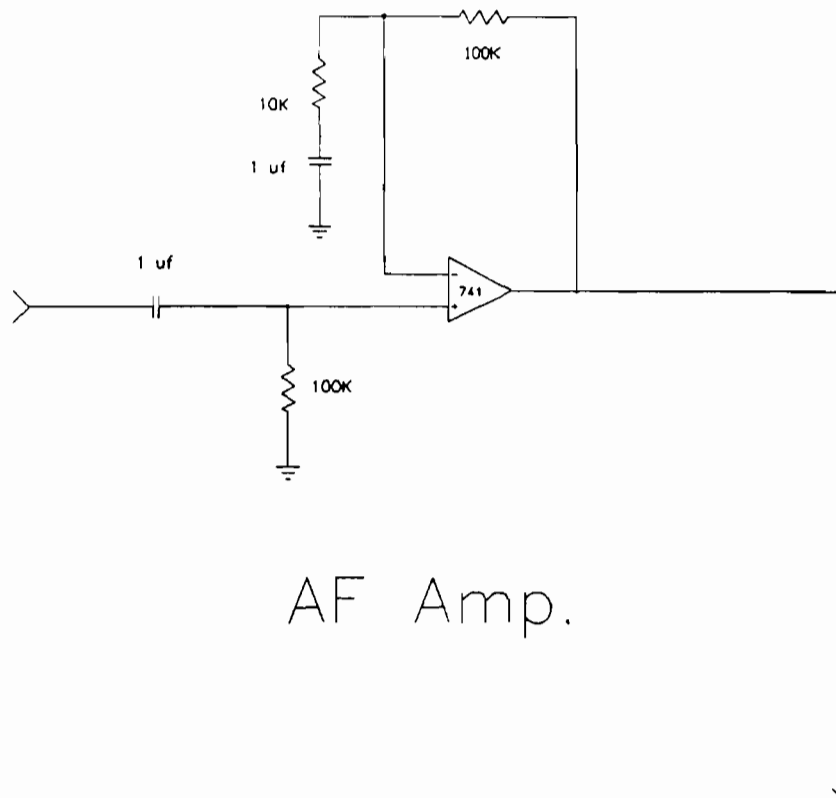
Electronic Noise Generator

Configuration	NG	SV Page 14/34
Concept By	Bill Weinsale	
Drawn By	Bill Weinsale	
File- CF_009BW	Date 7/5/93	

Spirit Voices



EM Coupling/Detector



AF Amp.

eventually we have the best and most efficient design.

The ultimate design may somewhat resemble a design that has already been built or conceived by one or another experimenter. Or it may be a design that none of us has yet even imagined. But in either case, it will predictably be far more efficient than any of the grossly unsuitable pieces of equipment we are using now.

I do not hold a monopoly on information from the other side, or on the experimental

methods involved. If you have a background in electronics or physics, then what I am doing is nothing you cannot do. From what I have thus far seen of this phenomenon, and been told from the other side, I would say the chances are excellent that if you have a serious interest in this technology, then there will be people on the other side who have, or will, volunteer to help you in your experimentation, and who have the technical knowledge and information to do so.

I would however, make two

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recommendations. First, if you have not already done so, I would recommend that you made contact with the other side through the "standard" airband or open microphone method, or use a modified FM radio as described and recommended by the other side, in the last issue. Although progress has been made in terms of circuit configurations which have been approved by the other side, we have not yet advanced far enough for any noticeable progress to be made in terms of absolute reception quality. This in effect means that if you are not able to first of all make contact using more conventional methods, you probably will also not be able to make contact using the special circuit configurations described.

Second, I cannot overemphasize the importance of using the blind comparison method. This of course, is a standard scientific research method, which has been used since the early days of science, and has wide application in many fields of research, such as in the development of new medicines, etc. Failure to use this method, in my own early work, cost me personally some years of more or less wasted time and effort. I suspect it has cost other researchers a total of many years, during which time the field could have been advanced much further than it has been.

What happened in my case, is that I was using the wrong criteria in judging whether or not an experimental arrangement was successful. At the time my criteria was whether or not there was any noticeable improvement in absolute reception quality. If there was not, then I considered that the experimental circuit or system was the wrong way to go, and jumped onto something else. In doing this I was not giving my friends on the other side an opportunity to indicate whether what I was using might be some small step in the right general direction, even though there was no noticeable improvement in absolute quality. In essence, I was spinning my wheels in the mud.

During this period of time, I experimented rather extensively with RF/AF and RF only arrangements. After some time of doing this, I finally came to the erroneous conclusion that TC was an AF only phenomenon, and that above voiceband carriers were not needed.

After I started using the blind comparison method, I still held this same misconception, and continued experimenting with AF only circuits. In time these circuits became more complicated, as Mr Kent can testify, but still did not yield improvement in absolute quality. Evidently our friends on the other side, are not

permitted to tell us outright if we, on our own, without asking them through the comparison technique, blindly head off in the wrong direction -- seems to be one of the rules of the game.

In pursuing experimentation, a point was eventually reached, where I came to realize that it was impossible, for technical reasons, to go further with an AF only system. When I then, belatedly, tried to find out if an RF carrier was necessary, the answer was yes. At this point I had the choice of attempting to redesign the rather complicated receiver circuits, or of going back to square one, the simplest possible circuits, and beginning anew, this time using the blind comparison method right from the very beginning.

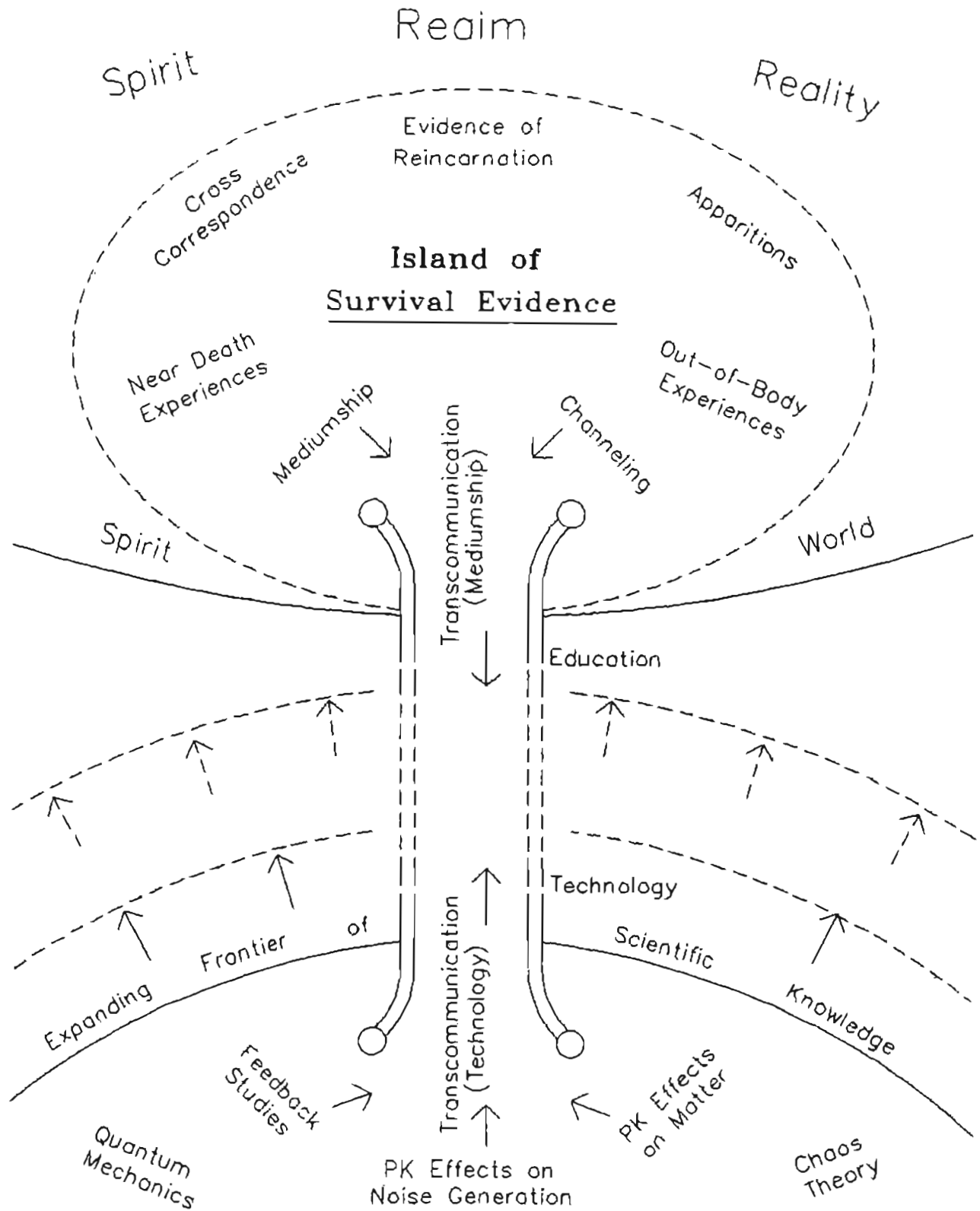
After some consideration, I elected to do the latter, both because of the complications of circuit redesign, and because it presented an opportunity to fully illustrate how to get out of square one using the blind comparison method. For those of you who are wondering why I have started out with such simple circuits in the current series of experiments, after nearly twenty years of working in this field, this is the reason.

In Transcommunication technology, we are stepping out a little beyond the frontier of scientific knowledge. In entering this unexplored territory, it is probably inevitable that some mistakes will be made. But we can try to minimize these as much as possible, by using proper methods and sharing information. The reason I have written about this experience, is in the hope that other experimenters will avoid similar pitfalls by using the blind comparison method right from the very beginning.

Yet another advantage of using this method, is that virtually any of the systems thus far conceived by various researchers, can be directly compared in order to determine which is the most efficient, or at least the most approved. So there need be no further controversy as to which systems are most advanced in the right direction, because such determinations need no longer be based on subjective evaluations. The only exception are the few systems which use a non-static, non-electronic noise audio carrier, such as music or a multitone generator, etc.

Even these can be directly compared, by using one system on each channel, although it would not be a blind comparison. Some years ago I did this in comparing electronic noise against a 13 tone carrier. Even though I was rather biased in favor of the tone generator, which I had spent about \$65 and several weeks designing and building and thought should work better, I found to my surprise, that there

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Building A Bridge

8W

SV- 14/37

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were more understandable voices on the noise carrier. (Just recently Dr. Mueller, who originally suggested the 13 tone generator to Bill O'Neil, stated through Homes that this generator was no longer useful.)

One thing that should be considered is that its possible that sooner or later, two experimenters may do the same comparison experiment, and get opposite results. This would not necessarily mean one is wrong and the other right. What it most probably would mean is that the people on the other side working with one experimenter, may prefer one trail up the side of the mountain, while a different trail may be preferred by those working with the other experimenter. If two mountain climbing teams are climbing parallel trails, and come to a rock overhang, one team may elect to circle to the right, while the other team circles to the left. Since the trails will converge again further up the mountain, this does not mean one team is right and the other wrong, it simply means there is more than one way to get to the top.

The next best thing to having already achieved a goal, is to know exactly how to get there. Where the development of an efficient transreceiver is concerned, the blind comparison method is a way to get there. And it may very well be the only way to get there.

In the development of radio communication, there was not a sudden jump from the earliest detectors consisting of a wire carefully positioned to barely touch the surface of acid in a flask, to the modern cellular telephone. Development was a gradual, step by step process, which took place over a long period of time. There were many, many people involved. there were many who made contributions to the technology. A technology which is still developing to this day. There is no reason I can think of to suppose the development of transreceivers will not follow this same general course. The only difference being that with the current knowledge of electronics, modern test equipment, and computers, etc., development, once it really gets going, should be quite a bit faster.

Spirit Voices is edited and published, as time and materials permit, by Bill Weisensale, P.O. Box # B.Q., Barstow, CA 92312-3030, United States of America. 4 issue subscriptions are \$20 Domestic, \$24 Overseas (Airmail)

Reader comments are invited

Member - American Association - Electronic Voice Phenomena

Dedicated to development of Transcommunication for the enlightenment of Humanity.

SV- 14/38

My personal preference would be to use all of what little free time I have available, working on the electronics of the TC reception problem. This is the most interesting part. However, I believe the more knowledgeable people there are involved, the faster significant progress will be made. In order for this to happen, I consider it of vital importance that as much technical information as possible be distributed as widely as possible. Not much progress is likely to be made if everyone is working in the dark as to what others are doing and thinking.

Because of this, and because I have already been doing this for sometime, I believe my first priority should continue to be information distribution. Unfortunately, this means severely limited free time left for experimentation. Since most of you have more time, some of you much more time than I have, it will probably be persons other than myself who make the significant advances in this field. I would recommend then, that you do your own experimental work, rather than waiting several months at a time, to see what I or someone else might do.

Most of the questions I have ask of the other side, have been of a technical nature, because I consider this to be of first importance. This does not mean however, that you are limited to such questions. You can ask anything you are curious about. Most likely, as I have, you will find there are certain things your Transpartners do not know, and that other things they are not permitted to tell you. But you will probably find, as I have, that there is a tremendous body of information they do know, and are permitted and willing to tell you -- if you ask. Their answers are often as awesome as the technical challenge itself.

And finally, in building and developing your own equipment, whether you initially get good reception or not, you will have the satisfaction of knowing you are using the latest equipment. At some point in development, improvement in absolute reception quality is going to begin to happen. You may be the one to reach this point first!