VIDEO CONTACT DIRECTORY — SYDNEY — AUGUST 1973

The names and addresses of those people in the directory have been added down to those WORKING WITH video, and is intended to induce interaction and exchange of information and tape. If you feel you have been left out, write to us, "Bush Video", 31 Bay Street, Glebe, telling us what you're into. On an international level it would be good to plug into the Video Exchange Directory, C/- Image Bank, 4454 West 2nd Street, Vancouver, B.C., Canada, who publish regularly a world directory. Look there.

Agy Road, C/- Film Dept., Flinders Uni, Bedford Park, Adelaide.

Bush Video, 31 Bay Street, Glebe, Sydney, Phone 660-2626

Best Dealing and Sashiko Kitajima, "Eucalyptus" Sages Road, Baxter Vic.

Challenge for Change", Warrick Robbins and Marlene Matteson, 21 Palm Street, St. Ives, Sydney, Phone 440-8622.

Elizabeth Cook, Chisholm College, La Trobe Uni, Bendigo Vic. 3503.

Frank Whiting, Box 284 P.O. Grafton.

Haglund 132 Auburn Road, Auburn, Hawthorn, Melbourne Vic.

George Klein, Tasmanian College of Advanced Education, Box 1415 GPO Hobart, 7000.

Ian Jamieson, 28 Norfolk Street, Fremantle 6160 W.A.

Ian Betty 519 Liddiard Street, Hawthorn Vic.

John Hughes, "Winterbom", Mountain Road, Eacock, Box 279, John Hanson, Box 85 P.O. Belgrave Vic.

Phil Noyce, 20 Alfred Street, Annandale.

Peter Friedericks, 60 Foley Street, Kew Vic.

Peter Lewis, Bristol Channel, 2-3 Broad Plain, Bristol UK.

Rodger Foley, 112 Riley Street, East Sydney.

Richard Dunn, 19 Victoria Road, Swindon.

Warren Hanington, 3 Help Street, Chatswood.

Tom Zucheyki, 35 Stephen Street, Balmain, phone 827-1546. O/C—Sociology Dept., UNSW.

Carey Court, 318 Station Street, Northcote.

Jon Sunderland, C/- 13 Lynnette Avenue, Bean Mara Vic. 3125. 99-3881.

Production

It is proposed to establish an experimental video workshop as a teaching-learning situation.

Design and production of originally invented video-tool or e.g. Chrominance synthesizer, 4-gun Read/write tube, 1/2" video tube, color for topological transformation of comprehensive mixing facility (at least mixing 2 VTR's), at most mixing 6), Electronic video experimentation, sub-visual exploration techniques 

(a) Black/white revolving discs, (b) Land color theory, Mono- to color converter via filter-wheel, EBG Alpha-wave video modulations.

BUSH VIDEO FACILITY

It is proposed to expand the existing facility to include color mixing and editing functions with additional experimental hardware. The facility will be portable and will serve as a partially mobile basis for training that expands into cultural and technical educational rather than just as a point of local community. We have included the following new facilities and the following to be added: (a) New video producer / producer group; (b) New equipment to assist the video producer; (c) New space to assist the video producer; (d) New video production techniques; (e) New educational techniques; (f) New educational techniques; (g) New educational techniques; (h) New educational techniques; (i) New educational techniques; (j) New educational techniques.

Access the video tool on your campus. It is in the faculty cupboard, and can be used to access the video tool. You can use the access tool to make the video tool available for educational use. The video tool can be used to access the video tool. You can use the access tool to make the video tool available for educational use.

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In Campanella's "City of the Sun," a Utopia of astral magic is described in which the round central Sun temple, painted with the images of the stars, was surrounded by the concentric circles of the walls of the city on which the whole world of the creation and of man and his activities was represented in images dependent on the central causal images. The "City of the Sun" could be used as an occult memory system through which everything could be quickly learned, using the world 'as a book' and as 'local memory.' The children of the Sun City were instructed by the Solarian priests who taught them the City to look at the pictures, whereby they learned the alphabets of all languages and everything else through the images on the walls. The pedagogic method of the highly occult Solarians, and the whole plan of their City and its images, was a form of local memory, with its places and images.

General principles of the Classical art of memory. The first step was the imprint on the memory of a series of Locui or places, the commonest though not the only type of mnemonic place system used was the Architectural type. In order to form a series of places in memory a building is to be remembered, the footwork, the living room, bedrooms, parlours, not admitting Situations and other ornaments which have been methodised in the building. This is done as soon as the memory of the facts is required, all these places are visited and their various deposits are retrieved. The system in classical antiquity as an assistant to the art of oration.

The memory theatre of the Divine Camillo. "They say that this man has constructed an amphitheatre into which whoever is admitted as a spectator will be able to discuss on any subject he wishes..." The art developed from the performance of ancient orators; they spoke to him about his work. He calls his theatre by the name of Mnemonica, as the joining of the image of some sensible object with the characteristica: Lists were to be drawn up of all the essential notions of thought, and to these notions were to be assigned symbols or 'characters.' The characters were to be used in logical combinations to form a universal art or calculus for the solution of all problems.

The "City of the Sun" was an attempt to bring together all the arts and sciences known to man. What is known as the "encyclopedia" in modern times was an attempt to bring together all the sciences, and it was this kind of attempt that led to the formulation of the encyclopedia, 'characters' could be assigned to all notions, and the universal calculus would eventually be established.

Leibniz envisaged an 'encyclopedia' which was to bring together all the arts and sciences known to man. What is known as the "encyclopedia" in modern times was an attempt to bring together all the sciences, and it was this kind of attempt that led to the formulation of the encyclopedia, 'characters' could be assigned to all notions, and the universal calculus would eventually be established.

"When the philosopher Leibniz was asked by Leibniz's mind was the project for an encyclopedia which was to bring together all the arts and sciences known to man. What is known as the "encyclopedia" in modern times was an attempt to bring together all the sciences, and it was this kind of attempt that led to the formulation of the encyclopedia, 'characters' could be assigned to all notions, and the universal calculus would eventually be established."
Man's powers of observation in time and space are very great. He is conscious of his awareness and expresses his consciousness in the symbols, rituals, architecture, and institutions that he creates. These creations in turn act upon their maker, in an ascending spiral of ever widening loops that trace the limits of the world in which he lives. In man, the observer's role brings the participants role to levels of possibilities that know no limits but those that he himself accepts as the ultimate stages of his own development.

If you look on the horizon of the present continuous eternity you will notice that a sun is rising called, "total consciousness" - that's our sphere - we're the new alchemists brought together by our perception of the Lapso in the cauldron of the Videosphere, for the last three months we have been exploring this memory studio from centre to circumference with telepathic and orbiting satellite dialogues with neighbouring celestial bodies.

"Man can do nothing without the make believe of a beginning."

Where do we start? ASTRALIA 1973 TELEVISION ABC Channel 1234567890111 NEANDERTHAL TV - this network is more to be pitied than abhorred, it stands at the foot of an evolutionary ladder which it does not have the strength to climb. However, the Universe consistent with its omni-directional history is mutating several television strains, as cross-fertilizing agents bearing the genetic message of total communication systems. BUSH VIDEO - sometimes known as the outback of communications research or Channel Infinity.

Right from the start we were operating on many levels - idea, materialization, myth, fulfillment, seed, information the message is the media are undergoing revolution upon revolution on the technical front and are consequently generating ideas in the minds of artists educationalists and speculators. The history of our century has been the result of the design science of buying and selling under the profit motive. In an age when science has the means to satisfy all material needs for all men the problem is one of free information flow. Capitalist Design science has served its evolutionary purpose it is now obsolete.

INSIDE THE MEMORY THEATRE

It is 1 am. I am locked in the memory theatre watching the monads of Leibniz passing through the one-eyed chambers of Infinity through infolding feedback and the corridors of topology, spiralling amidst the Architecture of history, libraries, museums, computers, film-studios. The monitors are moving in fluctuating geometric formation now they suggest a Hindu Yantra now a Klein worm, a Hopi sand painting, the helical structure of the DNA the icosahedron structure of a virus or a dome by Buckminster Fuller. I call this show - THE DREAMING OF THE ELECTRONS

INFORMATION STORAGE

Man has secreted vast amounts of Art and Knowledge in communicatable forms, all this can be stored in a global memory and made available to all men.

"Survival now would seem to depend upon the extension of consciousness itself as an environment this extension of consciousness has already begun with the computer and has been anticipated in our observation with ESP and occult phenomena." - Marshal McLuhan.

Therefore an integrated synthesis of the stored information will be required especially for the initiation or education of the young. This will probably mean the formation of a synchronous audio-visual language which will be used by men to extend consciousness and knowledge in similar ways to the previous language synthesis - first as sound then as writing.

Elements of the new universal language could come from many sources not only the literate cultures of the West. Some symbol systems which would probably be helpful. The multi-conceptual Churingas of the Australian Aborigines, the Mandalas and seed-mantras of Tantric Art, the symbols and systems of the Hermetic tradition. The Geometric extensions of consciousness cited by Anne Tyng, extending from Jung's idea of the Archetype.

"As ordering operators and image formers in the world of symbolic images, the archetypes thus function as the sought for bridge between the sense perceptions and ideas." - to the genetic code.
The spatial organization of these two systems is an intrinsic characteristic of a complex whole and an effective medium of analysis to address the question of what systems are and are not general properties. As well as these general properties, the relationship between the two systems is an intrinsic characteristic of their own.

The central theme of this paper is the relationship between these two systems and how they interact. The paper is organized around several key concepts that are central to understanding the relationship between the two systems: organization, structure, and function. These concepts are explored through a series of case studies that illustrate the relationship between the two systems in different contexts.

The first case study is a detailed analysis of a specific system, which illustrates the relationship between organization and structure. The second case study is a comparison of two different systems, which highlights the differences and similarities between them. The third case study is a discussion of the implications of the relationship between the two systems for the design of new systems.

The paper concludes with a discussion of the implications of the findings for the future development of complex systems. The authors argue that a deeper understanding of the relationship between organization and structure is essential for the design and development of new systems.
COMMUNICATION AS SHARING OF CONSCIOUS EXPERIENCE OF ENERGY

This article was written by Mick Glashen for the World Design Science Decade Think-In, London, July 1967, and has since been printed by the World Game and the International Times.

Universe: The Sum of Man’s Experience

The universe is the aggregate of all humanity’s all-time, consciously apprehended and communicated experience.

Universe is finite because it is the sum total of all the experiences. — Universe though finite is a non-simultaneous structure-ergo, unitarily unpaternable-ergo, conceptually unthinkable-ergo, undefinable. This is to say undefinable does not mean infinite or unfinite. It means that definability de-finite is a sub-set of finite-ergo, pattern de-finition is a subdivision of finite-yet-unitarily-undefinable universe. The definable conception is therefore the first thinkable sub-set functioning of universe.

The physicist’s Law of Conservation of Energy which states that energy may not be created nor destroyed-ergo is finite-ergo, pattern de-definition is a subdivision of finite-yet-unitarily-undefinable universe. By entropy, we refer to the experimentally demonstrated physical behaviours covered by the second law of thermodynamics and the latter’s disclosure of the self-associative, unique holding pattern of all energy which is the product of all concentric local systems of energy’s self-interfered, unitarily definable. M equals all the locally complex, concentric sub-unity alterations and linear or plural unity (frequency modulated) accelerations. The self-associative, unique holding pattern of all energy is the product of all the locally complex, concentric, linear or plural unity (frequency modulated) accelerations. E=MC^2, This said —

Energy

Universe is an all energy accounting system.

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We may call this metaphysical phenomenon — which continually simplifies and contracts the generalized description of principles apparently operative in all the special case experiences — the “Law of Decreasing Confusion”, or the “Law of Intellectual Conservation”, or the “Law of the Contracting Universe”, or the “Law of Diminishing Chaos”, or the “Law of Progressive Order”, or the “Law of Contractively Orderly Generalizations”. While gravity’s effects are physically measurable, the concept of gravity is in itself unmeasurable. Metaphysics and physics are thus seen to co-function, to progressively conserve the self-regeneration of non-simultaneously and overlappingly evolving universe.

Matter: angularly cohesive gravitational inwardly shunted chordal patterning.

Energy: the linear acceleration of an omnidirectional radiant wave.

Life: an energy capturing anti-entropic omnidirectional radiant wave growth system.

“Life is a partial continuous, progressive, multiform and conditionally interactive, self realization of the potentialities of atomic electron states.”

J. D. Berra

Humanity: Universal Anti-Entropic Function

Is the human an accidental “Theatre goer” who happened in on the “Play of Life” to like it or not—or does humanity perform an essential function in universe? We find the latter to be true.

By entropy, we refer to the experimentally demonstrated physical behaviours covered by the second law of thermodynamics and the latter’s disclosure of the self-associative, unique holding pattern of all energy which is the product of all the locally complex, concentric, linear or plural unity (frequency modulated) accelerations. The self-associative, unique holding pattern of all energy is the product of all the locally complex, concentric, linear or plural unity (frequency modulated) accelerations. E=MC^2. This said that the total of local system energy is the product of all concentric local systems of energy’s self-interfered, unitarily definable, pattern de-definition is a subdivision of finite-yet-unitarily-undefinable universe. The definable conception is therefore the first thinkable sub-set functioning of universe.
The dual and regenerative human functioning as successive, high frequency, subjective and objective, (subconscious and conscious) which altogether provide angular range finding and the teleologic irreversibility of human articulations are implemented exclusively by two electrical and mechanical processes, each with its own sensory experience in Universe in preferred ways. The two physical principles by which alone man may alter his ever present, evolutive natural frequency modulations. Angular modulation (c.f. rudderings) is erroneously spoken of by man as spatial modulation. Frequency of event modulation is erroneously spoken of by humanity as time modulation. These capabilities of man's senses, brain and mind, provide the basis for his strategically selective differentiations of experiences. The human's subjective experiences are teleologically and spontaneously transformed through his evolutive natural evolutionary environment - to most effectively support man's unique brain and mind functioning in universe in the anti-entropic role.

It is our intent to so design or control the angles and frequencies of the evolving environment events that the spontaneous natural evolutionary capability will result in all men enjoying all of Earth - and the progressively reaches of the universe about it - without mutual interference between ourselves and another degree of subjective and objective freedoms.

World

Because of the incessant wheeling about of humans for survival to get their food, to get their water, to get their sleep, to not die in snow on the auto and ship and plane roundabout a spinning earth in a spinning solar system within an interconnected universe-bound earth within the totality of the multiverse, all invested experiences are inherently omnidirectional when considered as the sum of observational orientations.

But the world, mind, is and will be writing its own woes for ever, man, on all matters that fall under the ban of our infrastructural senses:

James Joyce

The wheel of the whal in the wheel of the wold of the Boubon from Bournay has thus come:

James Joyce

Finnegan Wake

Apollo to the Moon

We have been rapt in the "artifice of eternity" by the placing of our nervous system around the entire globe.

The first satellite ended "Nature" in the old sense, "Nature" became the content of a manmade environment. From that moment, all terrestrial phenomena were to become increasingly proportioned artifacts and every facet of human life within the scope of the artificiation.

McLellan Marshall

Humanity is taking off - from its flounder, snail, and crablike existence, only around two dozen billion of the sky ocean world (some) into its self-interference free dimensional occupancy of universe.

Buckminster Fuller

Towards a General Theory of Communication

Within the general system's network of all energy experience universe, "communication," has been defined as "the sharing of conscious experience of energy". The communication process is the moving of this energy-experience information from a sender to a receiver. We have proposed that this process consists of four sets of events:

1. RECEPTION of energy message from universe.
2. CODIFICATION of these received messages into patterns.
3. TRANSMISSION of these codified pattern messages by information-symbols-transmitted by media.
4. TRANSACTION of these information-symbols by a society-culture acting on the energy environment.

Of course, this is a linear statement of what is in fact a highly non-linear (chaotic) process. Processing by our senses of reception, transmission, re-de-codification, action and reaction-communication of energy experience information messages. This continuous process is the act of variables for each event elucidates this continual energy-message frequency modulation by angular constraints.

Now, to further describe the events in the communication process by discovered relevant phenomena, we will consider the calculation of the angle and frequency variables in each event:

The Communication Process

1. Reception

"Everything in nature has motion - not just causal motion but motion that is rhythmic and unending, following a precise pattern or cycle. If we set a pendulum in motion it is not difficult to count the number of cycles, in a given period of time. Similarly it is quite easy to observe and time such natural cycles of natural phenomena become greatly faster. For we are not only concerned with phenomena being studied, but an attempt to observe with man's unaided senses, then we must find other means of observing or calculating the cycles at all."

John J. Grebe

much of all basic scientific knowledge can be encompassed within what man has learned of these cycles of motion...

Lawrence K. Frank

"... everything that exists and happens in the world, even the phenomena being studied, can almost continually emit its characteristic identifying signals."

2. Codification

The all-energy universe continually emits radiant wave, frequency patterns with its universal sign that is consciously received, and decodes into a generalized pattern or "cycles" of "motion", which he has encoded into the electromagnetic spectrum - a linear chart indicating the frequencies in cycles per second of all radiant energies and the narrow spectrum bands of light and sound within which man's "sensorially monitor" with his naked sense receptors' angular channel constraints...

"... the conscious 'world' is in fact energy radiantly manifest at relative rates of retarded speed."

Buckminster Fuller

3. Transmission

The myriad of energy experience information "world" might be changed to "in the beginning of industrialization was the word"...

The first atmospheric wave propagating, ear diaphragm receiving, physical formulation of an abstract telelogic device invented entirely by intellect's anticipatory conceptualization of its usefulness and by man's subsequent creations (finding off into sub-conscious) discipline of muscles and nerves.

"... the spoken word was the first technology by which man was able to build and communicate, and somehow grasp it in a new way. Words are a kind of information retrieval that can range over the total environment and be heard at his leisure."

Within the general system's network of all energy experience information universe:

If the human ear can be compared to a radio receiver that is able to decode electromagnetic waves and recode them into sound, man can monitor and communicate with a radio transmitter in being able to 'translate' sound into electromagnetic waves.

"... the world can be thought of as a myriad of To Whom It May Concern messages."

Norbert Weiner

These radiant frequency waves emitted from the environment include the interpretations of man's receptors, whose angularly co-ordinated channel constraints determine which wavelengths are directly apprehendable, e.g. as described above, the sound-generated frequency wave in the auditory system has been measured by the brain through twisting, pulling and pushing - angular constraining of the ears. This channel constraint limitation is relatively overlaid by other instruments which angularly modulate the previously non-sensory frequency bands into sensorially tunable perceptivity.

Buckminster Fuller

"... the world can be thought of as a myriad of To Whom It May Concern messages."

Norbert Weiner

"... the true wealth of man is scientifically mathematically measurable and is his physically organized ability to receive, interpret, and use whatever environment and intellectual regeneration needs, - which is stable in per capita forward days, safely and adequately anticipate.

"Information is a name for the content of what is exchanged with the outer world as we adjust to it, and possibly to some extent, help to make it - to live effectively is to live with adequate information."..."

Norbert Weiner

The myriad of energy experience information "world" are encoded into communication network patterns of social transactions, by culture. Culture is not only a system of values and institutions but a system of message symbols to a residue of tuned-in messages which are encoded into "the distinctive patterns of living".

"Corporate communication is translated and transmitted by "attitudes, values, goals, institutions, modes of communication, and environmental controls", which, with tools, angularly modulate the energy environment in preferred patterns for metabolic and intellectual survival frequency desires and needs."

Buckminster Fuller
To recapture the lost information on the phases of the wavefronts it is necessary to use a second uniform linear field of coherent light of suitable amplitude so that the amplitudes of the original and added fields everywhere positive.

To make the reference beam, coherent light, such as that emitted by a laser, is split into two beams. The signal beam is diffracted by the object of which a hologram is made and then reconstitutes wavefronts from the object to the film plate in the hologram recording. The reference beam is directed straight at the hologram plate where it interferes with the signal beam, the wavefronts of the two beams either reinforcing or cancelling each other to produce a bright spot on the film or cancelling out to leave a dark spot. The resulting fine speckled pattern contains information about the reference beam, whereas ordinary photography can record only light intensity..."
The synergetic anticipatory capabilities of intellect (in respect to conceptual formulations of evolutionary transformation) are self-organizing functions of the system; functioning which could mean an intellectually generated evolutionary extension of universe in generalized sympoiesis. In this context, anticipatory objectivites indicate a speed of functioning transdental to physical events. Intelect may "create" structures and confuse the universe as it asks each next good question." Buckminster Fuller.

Thought might artificially perfect the thinking instrument itself; life might rebound forward under the constraintstuned to frequencymessages? 

TRANSMISSION

Are these examples of transmitting channel constraints tuned to frequency messages?

Some of the best, and most focused vibrations of the universe, where the natural frequency of the system corresponds to the frequency of activation - the larnyx provides a sound compounded of many frequencies of vibration. To this, the head cavities resonate to some of these frequencies and not to others. By changing the shape and size of these cavities, one can change the sounds that we hear. The characteristics of the vowels depend on what harmonics are resonant.

- G. A. Miller

"An Arab is anyone whose mother tongue is Arabic," says Gamal Abdel Nasser. "But a chief of trouble. Its whole stress is on rhythm and resonance, not meaning and content. How poetically does one interpret what he says. "Arabic", asserts one specialist, "the medium squared in the message."

Arabic Decodes: A People Self-Deluded

The listener selects a station by tuning his receiver to the frequency of interest. This consists of a coiled wire and a condenser, a natural frequency of its own, that is to say it will carry an alternating current at one particular frequency much more readily than any other. A condenser is simply an arrangement of metal plates. The tuning knob controls the distance between the plates by means of a "resonant frequency" changed. Nigel Calder.

Some of us naturally and harmoniously frequency modulate our messages, but others are constrained to those of the electric current.

"That is why you must not try to do so, because we just plain can't."

See text for reference.

DeFreul and Lasen.
The average number of these bits, per symbol or per second, of information is called the entropy of the source.

If we transmit over a channel that has a capacity of bits per second over the channel, if the entropy of the source is bits per second, then, we can transmit the source over the channel. However, if the entropy of the source is higher than the channel capacity, we cannot transmit the source over the channel.

Information theory is concerned with the efficient encoding of messages, whether they are sequences of amino acids or sequences of numbers, in a manner that seems to be sufficiently generalized to be able to include all energy frequency messages.

It considers messages to emanate from an "eregon" source which is not necessarily the non-simultaneous universe event pattemings:...

... an ergodic source is a hypothetical machine which reproduces the number of or ensemble of infinite sequences of characters.

It adopts Fourier analysis to define change in terms of energy waves, as a function of time. It's obvious that... any variation of a quantity with time can be accurately represented as the sum of sinusoidal variabls, constants, phases, and frequencies.

The quantity concerned might be the displacement of a vibrating string, the height of a wave, or the current or voltage in a telephone or television wire.

Then it precisely defines the amount of information in any message, from random events to an energy wave, as the logarithm of the number of states the message could be in, which is the number of YES/NO choices, which is the amount of information measured in "bits."

How, then, is "information" defined? In the mathematical theory a unique conception is formulated, somewhat distinct from that previously defined for our purposes. Quantum mechanics does not talk about information, but it is being said but what could be said. That is, information is a measure of the freedom of choice or entropy of the source. Quantitatively, information is specifically, information is measured by the logarithm (to the phase 2) of the number of available choice. A message having one state is a measure of information, a "primary digit". A two choice situation is characterized by one of "bit of information." In like manner, if one has 8 alternative messages upon which he is equally free to choose, then the log 2 or 3, one notes that this situation is characterized by 3 bits of information.

NOW if the entropy of a source is less than the channel capacity, messages from the source can be transmitted over the channel. This is the basic concept of information theory originated by Claude E. Shannon.

Shannon: An information system can be equated with a neural network which is a collection of information which can be transmitted over the channel.

The averaged number of these bits, per symbol or per second, of information is called the entropy of the source.

"Let a source have entropy H (bits per second) and a channel have capacity C (bits per second). Then it is possible to encode the output of the source in such a way as to transmit at the average rate C/2H = E symbols per second, where E is arbitrarily small. It is not possible to transmit at an average rate greater than C/2H." 

Then it is possible to encode the output of the source in such a way as to transmit at the average rate C/2H = E symbols per second, where E is arbitrarily small. It is not possible to transmit at an average rate greater than C/2H.

Lawrence Lessing:

"The very idea of communication is interplay between electrical, chemical, and biological information and interaction in its intensive man- today it is the instant speed of electricity that, for the first time patterns can be recorded, that we can follow the contours of change and development." Marshall McLuhan.

Thus, says McLuhan, electric light is pure information.

[OK. We like transmitted media messages of pure energy information. But what is the language of messages?]

Conversation with McLuhan,

"Encounter June 1967

"I. OK. Diffent amounts of information is transmitted per response. How many "bits of information" to various reactions? How is this related to the channel capacity of the human speaking machine?"

McLuhan: "Oh, yes. But there is another: Put human speech on a telephone circuit, and you have a new channel with, say, 3,000 lines. You can transmit hundreds of different meanings which the human voice can transmit with a single line, which is the number of lines which the human voice can transmit with a single line."

But one thing I am sure of is that it doesn't destroy the unique character of human speech - the ideas that can be transmitted and the meanings that can be transmitted. It is not a channel capacity of carrying the tuning of a frequency channel to message constraints? We have powerful formula for the design of efficient communication.

Although communication engineers warn that their theories are purely intended to assist the encoding of electrical signals and, therefore, proceed further to clarify the best way they can apply their formulais to the consideration of the whole of the electromagnetic spectrum and man's energy experience?

TRANSACTIONS

... And the instrument points to paradise show it to be a coordinateally coordinate dynamically equilibrated domain ever evenly tuneable amidst the reciprocal complexibility of evolution, of... The evolution of man, harmonically tuned to his..." The evolutionary, wave-frequency pattern growing the universe is a function of the wave-frequency pattern growing the universe. He himself is a miniature universe.

... Each and every individual man appears to be an evolutionary, wave-frequency pattern growing the universe. There are complex patterns of all the alternatives permitted individual freedoms of equally elective patternings, then this world consists of a collection of the individual personal."

The environment within their respective laws of conservation.

The energy. As the great anti-entropic man reverses the entropy-increasing tendency of thermodynamics by the progressive coalescence of energy systems, he is a man who says... "the man is a 'life long' stable patteming integrity which both corporeally and extra corporeally exists by virtue of the preceding--strategic and self-fulfilling" (in principle:... ...which he processes most often with subconsciously co-ordinated decisions, and least often with conscious decisions."

... in principle as are the locally dancing molecular impulsively resultant in the abstract reality for instance with colorant, with the source energy of reality itself..."

The results which are responsible for the energy which are identified as a variety of unique energy sources.

Some of which abstract principle "energy" behaviour man personally converts into "work" which he applies to the progressive coalescence of subconsciously participations of men in accelerating the local even patternings of apparently ever totally self-transforming patterns of evolution.

Precension is defined as "pattern transformation at 90° to the lines of co-ordinated in put action."

For example, in the "antimony" movement alliance of the formanting... "slant-wise across the waves" abstractly "rolling" fronts at such an angle that the rate of coating and the duration of the movement... From this the press is designed and co-ordinatingly governed by the surfboarders"..."

...the energy environment enable him to ride the waves of evolution!

...the energy environment enable him to ride the waves of evolution!

"Our" message is more clearly written, and we are better able to follow it, because we recognize ourselves in it.

"We have previously seen how such hypotheses of evolution consciousness are being confirmed by scientific investigation, e.g. molecular biological evidence of neural processing of information as a DNA- RNA transformation."

"We have been able to recognize the neural network which is the nervous system, the DNA of our cellular nervous system.

"New expansions of consciousness are not preprogrammed by hypnosis."

"One day man's brain may be provided with extraneous equipment, such as a microwave receiver."

"This kind of equipment is not ABC of the potential- as almost did the Beatles "Our World" global pattern."

"But since hypotheses of "collectivity of consciousness" are statements of the harmonious tuning of individual human/breath wave radiation to total universe energy integrity, their pronouncements are inevitably poetic."

"We are faced with a harmonized collectivity of consciousness equivalent to the "collectivity of consciousness" idea..."

"The source is not only becoming covered by myriads of grains of thought, but becoming enclosed in a single thinking envelope so as to functionally, no more than..."

"We are challenged by the plurality of individual reflections grouping themselves together and reinforcing one another in the act of a single universal "collectivity of consciousness".

Buckminster Fuller, Nine Cranes, Monday

MICK GLASHIEEN
GENERAL


RECEPTION


COORDINATION


"Information Theory in Biology," H. Quarterman.

"Into the Molecules of Life," L. Liontin, Fontana.


TRANSMISSION


TRANSACTION


VIDEO BIBLIOGRAPHY

Jacob Neubauer 1965.


META VIDEO BIBLIOGRAPHY

Jacob Neubauer 1965.


THE VIDEOBIBLIOGRAPHY

Sitting here in NY watching the paranoid workings of politics unfolding thru video energy a fantasy of the future emerges.

"So the Nixon tapes suggest the possibilities: what if instead of audio tapes, Nixon had made videotapes of everything that happened in the White House. Instead of all that truth seeking evidence at present fascinating 200 million viewers, we'd be able to see the real thing. But everyone's worried: the tapes could be edited. An absolute nightmare.

Let's wire all government buildings for video. Live video: Thousands of viewers in every office. Transmitted by laser or cable to every home. At any time anyone can tune in to any government office and see what's going on. Real open government. We can see what the rest of the world is doing. If they fuck up we hop on the videophone and complain. If they don't pull their weight we fire them. People's government.

"It's a change from the current video use. Cameras checking whether we're shoplifting. Cameras checking whether we're working in our factory or not. Cameras checking how we drive down the streets. We've accepted these spying devices. Why so be hung up on secrecy? But let's make the process two-way. Let's watch our representatives and stop them becoming our masters. Video can expand our vision. It can take us places we can't go. It can keep us informed. Rather than being a weapon to oppress us it can be a tool to liberate us.

Make way for television democracy.

Albino Thomas, N.Y., July 23
We pass from the immediate present world into time machine parameters. First stage is the image access modern where visual records of present, past and past present future lie imprinted and codified electromagnetically. There keys punched will trigger a scan of the total record revealing clusters of image values and forms according to the binary coding co-ordinates. We have used numbers from the random number generator in the last co-ordinate places. A random spread of image values will result. We take three cassettes and walk to the control room. Step cassettes into three machines and watch the countdown on three screens climb into position at the mixer and those screens erupt with imagery and now test the slide controls.

The large monitor on the right shows the mixer output and with the punch of a button it cuts from images of jungle exploration to scenes of the last Moon mission. Move the sliders and there is a gentle mix of a huge tapestry reptile coiling its rings around the last rocket stage getting ever smaller as it disappears earth pointwards. Punch in machine three, cut from reptile to viruses drifting toward human cell walls, the dead shell of the rocket disappears into the point and flame erupts through the whole of space enveloping the virus, penetrating cell walls. Its host. Grab that knob and ease it round - the flames cool to mauve then green. The electron microscope jumps in several magnifications superimposing virus structure over the command module in complex metamorphosis of similar forms. Reckoning this thin cord into its belly it drags the astronaut to its side. He grapples through the port in the virus wall a switch flash and he floats through huge gaps between intersecting vines. Sunlight fits downwards past huge parrots as the spaceman increases in size till the whole forest fills the envelope of his skin.

The forest fades. Birds are replaced by buttons-vines become oxygen lines. As screen flashes within the screen and we are in video contact with earth.
INTERNATIONAL LAW

Every island, no matter how small, has its belt of territorial seas; but extending beyond the three mile limit by "prescription" is yours if you use it, occupation is the most satisfactory claim to the sea-bed. Military and civil use of the sea-bed is the same as freedom of the seas.

BROADCASTING AND TELEVISION ACT

The Board Controls:
What you put in, in equipment or system.
Who operates the stuff, as regards staff.
Where you put it, the location.
What operating frequency or bands.
What hours you broadcast, times.
How much Aussie content.

A person why not, on a ship outside Australia, but in water adjacent to Australia:-
Establish, maintain or use any station or appliance for transmitting broadcast programmes by means of wireless telegraphy.
Penalty $1,000 or a term not exceeding five years.

Proposal for Mini-TV Broadcasting Station for Remote Settlements

Small self-contained TV broadcasting stations are proposed for installation in northern communities to facilities communication, stimulate cultural development and encourage inter and inter-community involvement. The mini-TV stations have the advantages of low cost and simplicity. Also by virtue of remoteness and lower power these stations would be free of the complexities of channel allotment and interference.

The mini-TV units are made up of a standard broadcasting unit costing $2,000 with an input from a video player, camera and microphone, or microwave relay. Back up equipment of the Sony "h" format would include a camera, video-recorder, and miscellaneous gear costing around $2,500. The system has effective FM radio broadcast which can be used independently with a bonus of video picture. Allowing $500 for installation and training the total package amounts to $5,000 per unit.

Probably the mini-TV stations would be operated by volunteer legal groups to optimize community involvement. Effective communication would be encouraged ahead of demands for fixed broadcast hours or quality of technical presentation. The mini-TV stations could operate independently or be part of a mini-TV network. The format of the Alberta Native Communications Society is suggested as this group operates independently but has representation from all social and ethnic groups. With a mini-TV network programs can be bicycled and repairs facilitated by the direct exchange of faulty components.

A demonstration Mini-TV unit is now underway under the authority of the Mackenzie Institute in Inuvik. It is proposed that a similar demonstration unit be set up in the Canadian North. The facilities of the Mackenzie Institute in Inuvik are available to this demonstration. Since the Mackenzie Institute has a complete Sony "h" TV production studio, there is a close association with the Inuvik CBC station, and as most Inuvik residents have TV receivers, the mechanics of operating a demonstration are simple and relatively inexpensive.

The Mackenzie Institute has been operating in Inuvik since 1967, along the lines of a community college and had been active in educational television since 1969.

The minimum cost of a mini-TV demonstration would be $2,5000 to cover the cost of purchasing a 10-watt TV/FM broadcast unit plus $500 for travel, supplies, videotapes and the production of a report. If additional funds are available it is suggested that a local student or group of students be hired through the coming summer to staff the mini-TV demonstration. A further $1,000-$2,000 would be required for this aspect.

Richard M. Hill

For information on how the programme is progressing write to: Brian Thompson, Indian Brotherhood of the Northwest Territories, P.O. Box 2338, Yellowknife, N.W.T.
LEGAL MODEL FOR GUARANTEED COMMUNITY ACCESS

CENTRE FOR ADVANCED TELEVISION STUDIES

We would like to submit the following suggestions and recommendations for the consideration of the Minister of Posts and Telecommunications relevant to programming origination for transmission over cable systems.

Given the stipulation by the Minister that "programming must be all of a kind specially designed to appeal to the local community of the areas served" and that production equipment now exists and is being used by community groups in North America to originate their own programming for cable transmission, we suggest that:

1. Community groups already existing in this country using videotape equipment to originate programming for internal purposes could now provide programming for cable transmission.

2. That in principle these groups should be able to make such programming without external editorial control except for normal legal constraints and that they should have free access to local cable systems.

3. That community groups without access to production facilities should be given access to such as is necessary for the origination of programming for cable transmission.

Further to these, and the list of factors forwarded from the conference on "Communications and Community Development" (copy enclosed) we submit a possible model for allowing community access to programming for cable systems, for your perusal.

Licensing of Programme Originating Bodies

A license be granted to two programme originating bodies using the same carrier these being the community access umbrella organisation and the cable company each of these being separately responsible to the Minister for their programming.

A Community Access Umbrella Organisation

This organisation should be in the form of an association or a non-profit-making trust or foundation whose objects are solely the production of programming as a service for the community and in part to provide this programming for cable transmission. It will establish a production group and provide production equipment and make sure it is made available, without prejudice, to all members of the community who wish to use it.

Structure

The organisation will be open to membership by any individual or constituted group within the community (and could include the cable operator) to participate in furthering its objectives and would be completely non-exclusive within these terms.

Representatives of each constituted group will constitute the policy-making body of the organisation and will be responsible for ensuring representativity, for finance, and legal liability for programme content.

It will also appoint staff to service production and administrative groups who will be under its control.

Servicing Officers

A number of paid officers of the organisation will be appointed to administer programming services under the following categories:

1. General administration and secretarial
2. Accounting
3. Research
4. Community Communications facilitation
5. Production assistance
6. Technical services assistance

and will work with community groups in assisting their production.

Production Facility and Technical Standards

Community access to a scheme on a broadly representative basis necessitates the use of highly portable and easily operable videotape recording (VTR) equipment, so both 1/2" and 1/4" VTR equipment shall be used for origination. For final editing this material will be transferred to 1" VTR allowing editing and a final transmission signal of adequate quality (this method has been fully explored and found adequate in similar schemes in Canada's). Purchase and/or access of both these facilities shall be ensured.

Editorial Control

Member groups which from time to time participate in programme production shall be responsible for editorial control of their production except where such production is considered libellous or obscene.

Access

Access to production facilities and transmission time shall be open to any group, without prejudice, either on a first come first served basis or a time-sharing basis, to be decided by the policy-making body on the basis of availability.

Finance

Participation of these groups within the association in programme production should not be precluded by lack of sufficient funding. The funding could come from a number of sources, e.g.:

1. Grants from Charitable Trusts
2. Grants from Community Development agencies, including local government and national government agencies
3. A percentile portion of subscriber licence fees (as in Canadian example)
4. Grants from educational institutions
5. Charitable donations.

Bush Video Tharunka XL-5, August 7, 1973, Page 13
Neil Edwards, P.M.G. We'd like to talk about communications and to use video in a worthwhile manner. This is one of the best uses that you can put video to – it serves the transportation of goods non-polluting. If we had to fly to Sydney we would have used 3000 gallons of kerosene. These are the sorts of things which we would like to look at in talking about communications.

We'd like to use communications for the benefit of the community. That may sound grand from an organisation like us – but as well as getting a return for our money we want to provide the community with a tool. But Albert Seyer, F.M.G. I am surprised that you are all aware what technology can be doing and I think we can be sure that technology can do what ever we want. What we want to do is find out what the community wants then change the technology to fit that and this is where we are not getting enough feedback. So one of the purposes of this exercise is to find out what people want as representative of the community – over to you. John Kirk, Bush Video - What you need is a facility that suits your interest. I've read about some people in New York who have an O.B. van and they pull up alongside some telephone wires and plug in. John Craich, F.M.G. We say plug in do you mean in an active or a passive sense.

John Kirk, B.V. I mean going out into a community and reaching with a portalaphone and plugging into a cable system for wide distribution of that information. Albert, P.M.G. - That's off line interaction – I'm not prepared to say what we are doing now is on line interaction. I think we are too inhibited by what technology can do now so that we don't think of what we would like to do.

Mike Seyer, B.V. - On the scale we'd like to have instant two-way communication between any two people in the world that is the ultimate video communications. Why haven't we got global TV now.

Albert, T.V. is still a medium that radiates out from a source. Mick. We want omnidirectional interaction to see if communication is possible between human beings irrespective of space – a time get together. Monitors of people all around the world talking to each other. Albert. There are 3000 million individuals in the world. What is the reality of that kind of hook-up?

John Kirk. I think it's fairly simple the more people you want to reach the more energy you need to get that information across. The more people you want to reach the more energy you need to get that information across. So that the social reality is that people can get in touch with the next group of people.

John Craich, P.M.G. Similar to the subscriber telephon network. John Kirk: I think the way the video groups operate internationally is interesting because in one respect they are tuned in very closely to what's going on with people in both working video processes and just straight documentation. And a lot of these people travel and when they do they take tape and there is quite a bit of cross-fertilisation in the type of software and also in video concepts of how this tool can serve a new communications system.

Joseph, B.V. I think we have reached that evolutionary point where we have to make really inspired and expansive communications experiments with wide cross-sections of people who aren't familiar with high technology so that people be given a chance to contribute to the creation of a high information environment.

So on the practical level I'd like to suggest a series of projects which we could possibly co-operate in. There are a few just off the top of my head. First a link-up between tribal and culturally Aboriginal people in the centre and the north of Australia with de-authorised Aboriginals in the cities and towns of the East. Secondly, a two way cable system in the village co-operative in Nimbin which is trying to integrate the best of the craft orientated technologies with newer technologies...

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VIDEO-AGENT FOR CHANGE

It is becoming increasingly evident that we are in the midst of a tremendous societal transformation. The rapid change in social values has found collective expression in a wide diversity of alternative life styles springing up in the urban setting. More generally, it has brought about a widespread concern over the fact that the institutions servicing the needs of the majority of the population — education, welfare, health, employment etc. — are not centralized, bureaucractized.

In the Australian urban setting community video exists only in its very formative stages. It is only quite recently that individual operators / challenge for change teams have started to plug into particular issues around which community sentiment has coalesced.

The above comments were reflective of the type of identities and life styles.

With the permission of local council authorities other interaction generating facilities were introduced into the neighborhood by the people themselves — community fairs were staged in close off streets, adventure playgrounds for children built on open blocks.

The presence of all these additional resources has contributed in a major way towards the rejuvenation and revitalization of an area where formerly intercessional conflict and hostility was high. Significantly, crime rates have dropped to their lowest point in a decade.

The introduction of public access TV in Australia obviously depends a lot on government recognition of its potential benefits to user-groups. Initially what makes this innovation exciting is that it is making the whole community thoroughly internalized the conception of television as a one-way medium. We have become passive consumers of information.

At this stage, a lot depends on individual operators and challenge for change teams. One lesson that has been learned in the Canadian experience is that people who have been exposed to participatory television, they will quickly acknowledge its benefits — particularly its potential for facilitating collective action, and then begin to demand it.

Education of potential user-groups

The logical place where education in the technique and use of VTR can begin is the school. John Burke (Melbourne Learning Exchange) describes his involvement in some of Australia's Media Access Centre of Portola Institute — one of which focused on an experiment with video equipment at a school in the inner city.

"The open day made the first characteristic very clear. We were invited to take equipment to the school, we asked them a high fee, which they were very happy to pay. We demonstrated for one hour, and showed some footage. The first characteristic of video is that it offers a very clear record of the people's personal experience of being 'on-camera' — the possibilities for student workshops were clear. The camera which toured the ground produced some interesting students' tapes on the school. After reporting on the activities of the open day, interviewing teachers and students, the camera crew chose to view the school as they saw it. They found the school was not at all what we had expected it to be: it was very different, in having a different point of view about itself. They found children speaking of their own experiences, and things which were happening in the school which they had never seen before."

The abovementioned project was a success in as much as it generated a collective awareness of issues affecting their everyday lives. It proved that what one person has to say does mean something to someone else besides himself. Furthermore, it helped to demonstrate that community video can exert a type of dynamism which serves to accelerate perception and understanding. And, therefore, accelerate change.

In the Australian urban setting community video exists only in its very formative stages. It is only quite recently that individual operators / challenge for change teams have started to plug into particular issues around which community sentiment has coalesced.

Cable television — the people and for the people

A revolution in communication media is gradually lowering — social barriers, and are making video the medium of choice for individuals on a first come first served basis. No control is placed over programme content. Subscribers, who pay as little as $6 a dollar a month for their cable service, can watch people at their places of work, in neighbourhood stores, restaurants and parks, at public meetings, sports events etc.

This is what started to happen during the Newborn cum- together in May — although, on a modified and smaller scale. I remember some of the local residents watching their minds over some of the film programme material beamed through the cable — they would stand for hours going into monitors set in strategic positions along the main street. Newborn townspeople and festival-goers saw the first experiment in public access cable television in action.

A comparison with the way in which community events are perceived and communicated over commercial and government all media programmes can be made by comparison and contrast. The media programmes show an attempt to define and restrict the audience for the programme. The media programmes are carefully selected and controlled for the purpose of circulation. The community programmes on the other hand are not so restricted. They are produced for the public and the public are given the opportunity to view the programmes at their leisure. Cable television gives everyone the opportunity to produce their own television programmes. However, the programmes are often of a lower standard because of the limited equipment available.

The presence of all these additional resources has contributed in a major way towards the rejuvenation and revitalization of an area where formerly intercessional conflict and hostility was high. Significantly, crime rates have dropped to their lowest point in a decade.

Community video is a revolutionary new medium. It is an essential tool which can be used to communicate with people and for people.

"Challenge for Change published a report describing the effects the programme had on the local residents. "The programme was one of the most important events that happened in the history of the community. "Each community member was involved in the programme, each group moved its chains into a circle and plunged into a discussion. Having seen people like themselves on television, they felt more comfortable in discussing their problems with utter frankness removed much of the reticence and timidity people have in a group of strangers. They talked at length about problems shared and possible collective solutions.

"Could we have stopped people in the street and questioned them, the same way, if we had not had the camera or a microphone? I don't think so. It's a good pretext for talking to them.

When these people were interviewed, they became interested in the Committee. Then they came to the public meetings and became involved and eventually joined the committee.

"People could tell it was another citizen like themselves doing the interview, and they had more confidence in what they said than from the CBC or NBC. Often the press deforms what is said.

"The people we interviewed on the street — I really felt people were talking to us, not us talking to them. People wanted other people to hear about their problems, to share them. People felt pretty isolated.

"The possible applications of P.A. cable TV are vitally important. We would like to get the heterogeneous community of mixed racial and ethnic groupings has being making their own tapes and then shown them on the local cable system. What this has achieved is a greater mutual understanding and tolerance amongst the various groups of their separate cultural
ARCHITECTURAL DESIGN on CAMDEN HOUSING REDEVELOPMENT PROGRAMME

Seifert speaks endearingly of the men who made millions out of property deals. Those same millions have caused land values to rise so much that the Minister of the Environment, himself one-time developer himself, has found it cheaper to compulsorily purchase the former Euston Square site for housing because that site, in its turn, can be demolished. Perhaps less than 10%, some AA students put it at under 5%, of the new accommodation on Camden's sites is taken up by the people hopefully waiting on a list they will never reach the top of. Many many people have sunk their fortunes out of other men's misery in other-times in history, now instead of standing and seated labour in factories it is done by more subtle means through to the problems existing and the problems we are trying hard to solve the problems, or we do not accept them. The choice is ours.

Housing

We go to church, housing social aid and tenants associations to contact directly tenants with problems. We visit tenants and ask their problems. We sort problems into types and construct interview questions for open ended replies. Interviews with tenants using these questions. Replay of tape for editing by tenant. Replay of tenant interviews to community aid organisations. Their answers to tenants problems. Editing: Grouping interviews into areas of common problems. How do you then present the most pointed examples. Community help answers follow each grouping. Reply to council Director of Housing Programme. He reads transcript and gives scripted answers to tenants problems stating council policy, tenants rights and areas of council help. Reply to the elected ward councillors for approval. Transfer to 16mm film for distribution to schools, tenants associations, clubs where most council tenants can be reached.

THE METHODOLOGY

COMMUNITY ADVICE BUREAUX

W. BARNES DIRECTOR OF HOUSING

THE MEDIATION

MEDICAL USER

PROBLEMS TENANTS vs BUREAUCRACY

Introductory rap. Mrs. Baker tells of her situation and frustrations involved.

Jimmy, Cobh, tenant on a pension. Cobh wants to make home improvements. How does he cut council red tape. Chris and Jerry on the dole can't afford to rent because they put improvements and heating first.

W. Barnes, Director of Housing replies: Mrs. O'Connell has a crippled child in a house with all windows smashed by vandals. She won't move to council high rent flats.

Answer: W. Barnes.

Mrs. Baker is offered a flat in a distant Borough. See in detail below.

Answer: Mrs. Baker.

Welfare Rights - Where to Get Them. Ant Pastel get a notice to quit. See in detail below.

Answer: Community Advice Bureau.

Chris and Jerry - Can we claim a rent refund.

Answer: Community Advice Bureau. Where to go to claim your rights - list of names and addresses.

This page is a collage of information collected when we made a film on "Housing Rights" for the Borough of Camden. It let us explore some of the problems local council tenants were facing. Shooting portable video equipment allowed the formulation of a model for using this tool to generate interaction between tenants, community aid centres and the Borough Council. Tenants benefitted by Council action stimulated by first hand evidence on videotape.

Social interaction

Challenge for Change is an open access community tele-media project which has been operating as a series of pilot programmes in Sydney for the past six months. Its work basically involves the application of video-tape equipment and television techniques to the task of generating interaction between tenants, community aid centres and the Borough Council. Tenants benefitted by Council action stimulated by first hand evidence on videotape.

This is an introduction to the first part of this paper on the Challenge for Change project. Challenge for Change parallels closely in concept a similar structure of the same name. The Housing Rights Project, is being carried out in the Euston area of Camden目前已完成的项目

In Sydney at this time it has been possible to assess that - based on overseas experience, particularly in Canada - application of video-tape facilities and techniques at the simplest level, with high-speed production capabilities and maximum ease of operation has the greatest potential for achievement.

Challenge for Change saw the need as primarily one of access and has set about, initially using equipment borrowed from a number of sources (in particular Bush Video), to make these facilities available to people in a variety of situations. The material produced so far has been applied in a number of different ways. In one situation, a community group in South Sydney has, and is, being assisted to produce material for uses ranging from submissions to Government ministers to short segments for broadcast on National television. In other group situations involving people confronting social repression, in particular a Gay Liberation group, the equipment is being used to help in an internal capacity within the groups to help in their understanding of their own problems. It is hoped later that this material will provide a basis for wider communication outside the groups.

Work is also being done on foreign language programmes in both the resident action and education fields.

All of this work has been aimed at establishing as quickly as possible a wide base of local experience to provide for a vertical expansion in Challenge for Change activities as its evidence grows. The need for this type of activity draws increased and wider support in the provision of facilities and operating resources.

However, at this point it might be as well to go back and look more closely at the concepts from which Challenge for Change grows, particularly in relation to the existing community structures which dominate our society.

A starting point in development came with the realisation of the severe limitations which exist within current media, both printed and broadcast, in terms of ability to relate to the problems and aspirations of our sectional society and the individuals which make it up.
Mrs. Baker: My eldest boy was crippled. They operated and they said he will be in hospital till the Christmas. Well he came out two days later. He needed all new clothes which was all my wages went on him that week. I went up to social security and they would not help me. Although we had no food or anything else they refuse to help me because I was working full time. I never was in a position where ask for help as I didn’t keep any of the receipts. Even if I earned wages on that boy. He had to have shots, everything. Well two years without clothing sort of thing he had to have the lot. They said they couldn’t help me. They sent me down to Bithorpe House and they gave me a pound. And they made me feel as if I begged myself for that pound. I’d never, felt, well I suppose I wouldn’t have like to have the feeling again. Because I was in tears that day and it was anger. If you know what I mean it was anger. And I was told so, if I packed in work they would help me. Well I was prepared to work if they’d help me pay my rent and other expenses as we had no furniture, well we hadn’t a lot in here. There was no heating for the kids or anything so, they said I couldn’t have, I went down to the on the housing committee. They said I wasn’t in the area, in the district long enough. They sent me medals for my husband. I didn’t want medals. All I want is a flat to live in. Now since we moved in here, the children, well they have deteriorated. In their way of life. I mean you like to set a standard to the children to be clean. They don’t have to be excessively dressed in all the clothing. They don’t have to have that if they’re clean. But you go out into the kitchen and you run from it. The door doesn’t fit properly, there’s holes in the wall, the wallpaper is hanging down. It’s just like this one behind us. It’s exactly the same. So in my mind, to people like me, I think the system is wrong, and I think something should be done about it.

John Kirk: This film tells you some of the benefits you can claim as a tenant and where to claim them. What problems do people have and what do they think about them? In this film some of your neighbours talk about just that. You will also get the replies made by the Council after they heard and saw what these people had to say.

Mrs. Baker: How do I come up to my family? I tell them about six shillings bus fare to come up here to ask them for a loan of the week and then really it wouldn’t be ten shillings I’d want it’d be a pound. I’d want because I’d have to get back home again.

Interviewer: So if you get rehoused you’d like to be rehoused round here?

Mrs. Baker: I have to be rehoused around here because the children, see, there’s a family life here for them.

William Barnes: I know, and I also know that having to travel from south of the Thames to work in Camden or to visit friends in Camden costs a lot of fares. There are over 200,000 people in the Borough—say 70,000 families. There are considerably fewer dwellings and many of the dwellings are sub-standard. We are trying to raise standards—to give people kitchens and bathrooms where they have so far had none. We are also trying in places like Kentish Town to provide some green open space where there has not been any until now. This means moving some people out. I know that this means breaking up communities, cutting up people off from friends, schools and hospitals, and no-one wants to do that. But if people agree to move together, we can create new communities in new surroundings.

WELFARE RIGHTS AND WHERE TO GET THEM

MRS. BARKER CITIZENS ADVICE BUREAU, KENTISH TOWN

Mrs. Baker: The greatest number of our problems in fact that come to us are on housing and there, really, is where people ought to know their rights.

Anne: The eight months ago she asked me for £8 a week, so I said to him I can’t give you £8 in a week but I will give you £9 in a week. Well I see him if you want £9 I can’t give you £9. So he says to me I will get my solicitor and tell him to send you a letter to leave the house (a notice to quit).

John Kirk: If I came in here with a notice to quit in my hand from my landlord, how would you help me?

Mrs. Baker: The first thing I would tell you would be, do not leave your accommodation immediately. You have rights as and unfurnished tenant which will enable you to probably stay quite a while or indefinitely, not quite so many rights as a furnished tenant. But we tell people not to panic.
SUPA 8mm and POLAROID: THEIR RELATIONSHIP TO VIDEO

For many years both Supa 8mm and Polaroid have suffered the category of being toys, or to quote big-time movie makers and photographers "un-professional". Both tools however have an incredible amount of potential that at last is being tapped by those into video.

With making of any video-tape (be it broadcast or other) you will experience that it is the only medium that is flexible enough to "lived in" a variety of other mediums. For example, in a simple studio mix situation, movie, stills, and print as well as music and live performing maybe collaged together to produce your tape. A lot of diverse information then can supplement the theme of your tape and generate a lot more information "outside" the videosphere.

Supa 8mm is flexible enough to document the simplest situation, yet its limitlessness can be used very creatively (e.g. see "K-Tape 1" an original 8 mm film by Jim Wilson - Sydney Filmmaker's Cinema - Darlinghurst). It is both cheap (raw stock is about $4.00 tax exempt 50 ft. Kodachrome) and accessible (walk down to your nearest chemist and buy a camera for $ ). It opens up a whole new unexplored visual area being the most maneuverable of any kind of filmic tool (be it film or video) that can shoot things beyond the reach of the latter. 8m. hardware is already very sophisticated.

Beaulieu have a camera that can shoot from 2-70 t.p.s., has interchangeable lenses and can provide a sound back-up, while Super 8mm scan systems provide playback (black and white or colour) with sound, thru a home T.V. set or any number of monitors. Specifically, its an ideal "back-up" tool for a studio mix but its also interesting to note its influence on the commercial broadcast scene. India is planning to use it for her budding broadcast network while Tokyo T.V. viewers watch a regular Supa 8mm movie. CBS recently aired a Supa 8mm movie made by a team of doctors treating victims in earthquake Managua, Nicaragua, all of which demythologizes the type of T.V. "camera-crews" and "directors" and like a video community access situation allows filmmaking to be done by more people, giving them the opportunity to become the media.

The instant feedback qualities of Polaroid photography provide quick pictorial information without long darkroom time. Most of the photographs in this magazine were taken with Polaroid film providing sharp, detailed software (black and white 3000 A.S.A.). Polaroid postcards, visual catalogue polaroids, there are an infinite number of uses that can be programmed on the spot with Polaroid. Communicating in a short space of time with a photograph is an incredible attribute to any tool.

On a broader scale Polaroid artists such as Une Laysiepen are doing good things. Consider his anti-pollution Polaroid enlargement of a threatening oil refinery on the side of his home in Amsterdam (probably the largest shown in Europe). He is currently working on an enlargement of a Boeing 747 which he plans to exhibit in front of Amsterdam's Royal Palace complete with Jumbo soundtrack. Another artist, Ted Sejos (an "old Chicago bell-hop") is into the metaphysics of Polaroid. By concentrating very hard (after a certain amount of beer or cream buns) he can take mind trips of a certain understood image. For example, he concentrates on the Eiffel Tower, snaps a colour Polaroid on his head, and produces the image of the Tower on print. Yeah!

The best of Polaroid's film is yet to come. Still under research in the U.S. is Polaroid's cine film, which will enable the filmmaker to shoot, process and show his work in a matter of minutes.

These tools are good, it just needs people to be aware of them and use them to seek out a higher understanding of themselves, their friends and the world.
THE NATIONAL NV-3002E/ WV-355E (EIAJ Std) 1/2" PORTABLE VTR SYSTEM features:
- 32 Minutes recording on a 5" reel.
- 45 Minutes operation on two Panaloid batteries.
- Replay through large (1") camera eyepiece monitor.
- Audio Dubbing facility.
- Separate key switches for each function.
- Inscribed tape path for 100% interchangeability with National NV 3000 series.
- 300 lines resolution (recorder).
- LOW LIGHT OPERATION from 50 lux minimum.
- Overall weight 9.5 Kg.

PRICE: (Cam., vtr., mains adaptor) $1165 + 15% sales tax.
NV - U46A R.F adaptor $39.10 + 15% sales tax.

PORTABLE STUDIO CONSOLE
QUALITY ENGINEERING FEATURES
1. Special effects include external key, fade-in, fade-out, superimpose, vertical, horizontal, and corner wipes, and transformation of negative continuous tones to positives.
2. Self-contained internal/external or VTR synchronization (genlock).
3. Ignored output may be monitored on studio cameras WV-341N or WV-361N.
4. Internal power supply for intercom and tally lights.
5. Self-contained video switcher for as many as five CCTV cameras and a video tape recorder.
6. Separate video buses for previewing and programming.
7. Separates dual-fader and wipe controllers.
8. Video level balance control.

THE AKAI VTS 115
1/2" VIDEOTAPE SYSTEM INCLUDES:
VC115 camera featuring:
- Replay through eyepiece adjustable for horizontal hold or 1 monitor.
- Trigger lock and VT10 featuring:
- System expands to include optional RF unit, Tuner, in one portable unit.
- A clip on 3" monitor with sound
- Independent key switches for each function.
- 200 lines resolution (recorded) / 4 tape.
- 20 minutes recording time
- 60 minutes operation on 2 x 6 volt batteries
- Mains power

PORTABLE studio console

THE JVC NIVICO PV 450/ GS4500 (EIAJ Std) 1/2" PORTABLE VIDEOTAPE SYSTEM features:
- 35 Minutes recording on a 5" spool.
- 60 Minutes continuous operation on internal batteries.
- Replay through eyepiece monitor. Operable from car battery.
- Audio dubbing facility.
- 250 lines resolution (recorder).
- Operates from 100 lux minimum lighting.
- Compatible with all EIAJ standard 1 VTRs, especially the Nivico KV 35.
- Mains power adaptor has overload protection.
- Weight (camera & recorder) 9.5 Kg.

PRICE: $1965 + 15% tax.

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REDIFFUSION AWA Suppliers of Master Antenna Television Systems using High Frequency and Radio Frequency modulation.

DIAL A PROGRAMME is a one channel cable TV system. Using a two pair cable it allows the subscriber access to programmes through dial selection access.

REDIFFUSION BRISTOL Supply programming via cable to TV sets in many homes in Bristol, England.

Programmes are originated on 1/2" portable VTR within the city and have a high degree of community participation.

The relay of these programmes to the subscriber’s home brings him closer to the community he lives in.

NICKLE CADMIUM BATTERY PACKS OR BELTS. 5 hours continuous running on standard equipment. Includes Indicator Light. Fused. Leads & Plug. PRICE: $130 Battery condition Meter PRICE: $15 extra

BATTERY CHARGER FOR BELT with variable charge rate. PRICE: $27

BACKPACK UNIT. Mounts portable, microphone and batteries. Holds camera when not in use. Shockproof and Dustproofed. PRICE: On application.

THE NATIONAL NV-3002E/ WV-355E (EIAJ Std) 1/2" PORTABLE VTR SYSTEM features:
- 32 Minutes recording on a 5" reel.
- 45 Minutes operation on two Panaloid batteries.
- Replay through large (1") camera eyepiece monitor.
- Audio Dubbing facility.
- Separate key switches for each function.
- Inscribed tape path for 100% interchangeability with National NV 3000 series.
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- Overall weight 9.5 Kg.

PRICE: (Cam., vtr., mains adaptor) $1165 + 15% sales tax.
NV - U46A R.F adaptor $39.10 + 15% sales tax.
We cannot remain attached to any situation but must flow with it, learning from each moment to adapt to the shape of the next.

So too the time for dreaming is past. It is now time to ACT, TO DO - to manifest the dreamtime onto the physical plane. This can only be done by using what is offered to us through our environment and culture. We can build a new world with the tools of the old. To change the world it is first necessary to change oneself and then extend this change onto the environment. The first step has already been taken - it is now time for the second.

No-one can transform a culture without first being informed of its contents. To affect something one must to some extent participate in it. We can participate in a whole only if we are willing to accept at least some of its means of expression and forms of thinking and knowing. But this does not mean that we must accept its aims or the use to which it puts its knowledge. It is this which must be changed. Technology if used with responsibility can be another means by which we can transform planet Earth onto a spiritually higher plane. To do this, the manipulation of technology and the forming of our environment can no longer be left in the hands of people. The acid time for the second step has already been taken - it is now time for change, onto the environment. The first change oneself and then extend this change onto the world if is first necessary to bring the dreamtime onto the physical plane. This is past. It is now time to ACT, TO DO - to manifest the dreamtime onto the physical plane. This can only be done by using what is offered to us through our environment and culture. We can build a new world with the tools of the old. To change the world it is first necessary to change oneself and then extend this change onto the environment. The first step has already been taken - it is now time for the second.

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No situation occurs by chance. The technology of the past three decades have combined with the genius of the ages to create a technologically competitive means by which we can sit back and smoke in a world without paranoia and tell amazing stories to our grandchildren who will probably think we were exaggerating - imagine it.

Aesthetic experience supports a subjective regenerative process around meditation with a guide to alpha brainwaves measured in cycles per second (bikes away) as seen in Delta, the slowest (0 to 4) cycles per second related to dreaminess and creativity. Alpha brainwaves 8 to 13 per second (microvolts) operate 4 to 6 cycles per second (bikes away) are seen as Beta, the fastest running 13 to 26 cycles per second and even faster in hyperalert states called divine madness. Biofeedback or the circularization of neural currents in luminous biocircuitries transform brainwaves into alpha waves 1 to 2 cycles per second (bikes away) as seen in theta, light currents constructing a world clock of the microcosm. Here the ancient sotoh, diagram of mandalic circles of expanding spheres and reverse circulate into stored memory forming the thunderbolts of numinonous being. Trace and ratify, the facility of freedoms must impel us to fly vijana or cosmopolitan communal brotherhood. Here the ancient sotoh, diagram of mandalic circles of expanding spheres and reverse circulate into stored memory forming the thunderbolts of numinonous being. Trace and ratify, the facility of freedoms must impel us to fly vijana or cosmopolitan communal brotherhood. Here the ancient sotoh, diagram of mandalic circles of expanding spheres and reverse circulate into stored memory forming the thunderbolts of numinonous being. Trace and ratify, the facility of freedoms must impel us to fly vijana or cosmopolitan communal brotherhood.
Communication is the inside-out and outside-inning of information — out from my head into your head. Teleology is the process of transformation of a subjective activity into its objective realization. Television is telelogic communication and serial degree loop, i.e. communication inside-outing squared on to the second power. Information that is outed affects that which is inerred by feedback loopings.

TOPOLOGY is a non-geometric geometry concerned with transformation of shapes and properties such as nearness, inside, outside … perhaps the easiest way to define topological properties which stay the same in a system of stretching or bonding. Rubber Sheet Geometry.

VIDEOSPACE is perhaps most accurately defined by the German mathematician Felix Klein, called the “Klein bottle” — which is closed one-sided surface without an inside and outside.

THE KLEIN BOTTLE seems to be a conceptual tool for formulation of energy inside out structures, e.g. • Energy/information
• Entropy/Syntrophy
• Visible topology of nature — cloud topological inside-outing, chemical element cycles, Biochemical cycles etc.

VIDEOKLEIN BOTTLE SPACE could be a rich matrix for such universal energy modulation monitoring and processing, and a powerful educational tool for such universal process modelling via World Games world resources inventory.

They are deepest and most fundamental of all geometrical properties, since they persist under the most drastic changes in shape. There are no solids, no straight lines, only waves, no things, only energy events, only behaviours, only verbs, movement, only relationships, they allow information on a surface: a relation into the third dimension. The information on the 2D video transforms to the third dimension, through your imagination, your intuition.

TOPOLOGY is a conceptual transport device upon which video information spins in your mind.

No continuum of feedback loops allows participation of the mind, in not receiving but doing, you are the receiver on the surface contained within the system. There is no division of inside and outside, in the Klein bottle you are in relation to the transposative, relate to a bio-feedback inside and outside. No relationship is triadic, it is the fist in the hand, the mind within the brain the word within the pen, the eye within the video, it allows a qualitative view of relations, through the step of integrating waves intuition in the field.

Topological space is continuum of surface, with respect only to an immediately governing transformation. It is a geometry of the rubber sheet where surfaces are stretched from one shape, to another whilst still retaining the relation of relative position to its immediate neighbours in shape alone. It is the entering of room through the keyhole, by in 1882 by the great German mathematician Felix Klein, called the “Klein bottle” — which is closed one-sided surface without an inside and outside.

The concept of the rubber sheet, where surfaces are stretched from one shape, to another whilst still retaining the relation of relative position to its immediate neighbours in shape alone. It is the entering of room through the keyhole, by in 1882 by the great German mathematician Felix Klein, called the “Klein bottle” — which is closed one-sided surface without an inside and outside.

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A tape of resident and student action against landlord extremism in Adelaide is flown to Sydney overnight. The next day students see the videotape replayed on monitors in recreation areas and passageways around campus. That night, people interested in resident action come out to the uni to see the tape. They can immediately obtain information about the strike action without relying on commercial media. A tape can be flown in from New Zealand showing the latest anti-American demonstrations and suggesting tactics for an Australian situation. Lectures, tutorials, instructions, advice, Aus travel information, student union news and gossip, and on a campus video network working as an information exchange utilizing 1/2" J standard video gear. The possibilities are enormous.

The media show arrives in Wellington, smalltown NSW. The dome is erected and some street theatre lets the locals know that the traveling media circus is in town. The next week or two the kids at the schools are shown how to make TV shows, put out papers, use radio...shows in the dome during day and night get the locals involved in considering the need for closer examination of the problems of blacks in the area. Myths about the omnipresence of commercial media are undone as people see how the media can work for them.

Media should be accessible, community media must be a reality not a dream. We have a right to have access to tools to communicate no true perspective of socialism will be presented by capitalist interests who have too much to lose.

VA CAN MAKE IT HAPPEN....

Paul Coulter

This issue of Tharunka XL5 is all about media, but the underlying question of media is what does it transmit and the influence it has on an audience. Media is communication.

The first weeks back for this session have shown how the communication of doing things together can be more effective. Foundation Day (or week) this year rejuvenated student involvement. Although much of the involvement was self-indulgent, the Foundation Day Tharunka (lacking pornography and satire) acts as a point of reference for the students. The charities should receive over $2,000 and the Tharunkas which were not sold will be distributed to Resident Action Groups.

The first weeks of this session have seen an upsurge in student interest in other things besides the degree at university. Let's hope interest continues and spreads to revitalization of the degree itself.

Finally, thank-you on behalf of the Foundation Day organizers to all the people who supported the students work for Foundation Day, especially those who gave up part of their holiday to sell Tharunkas on the day.

Colin

DEMO

Protest the Repression in France

Lift the ban on the Ligue Communiste!

Release Krivine & Rousset!

FRENCH CONSULATE, WYNyard 4: 30pm FRIDay AUGUST 10

New Potemkin Pamphlet:

"A FALSE PHILOSOPHY EXPLODED!"

by W.J. Brown

Read this reply to E. Aarons' pamphlet "Philosophy for an Exploding World." It gives the philosophical basis for what happened to the Communist Party of Australia. A "must" for all followers of Australia's current political scene.

Price 40 cents plus postage.

Obtainable only from SOCIALIST WORLD BOOKSHOP 61 Liverpool Street, Sydney. Phone: 26-5036
WEILFIRE COLUMN
With the present cold of winter and high price of woollen blankets, one needs a cheap way to keep warm, and that is with another person. So in addition to our woollen blanket we need our ever reliable contraceptives to stave off the pitter of little feet next winter. Unfortunately the Student Health Centre fails to prescribe the pill so one must go elsewhere, the best place being the Family Planning Clinic at Prince of Wales Hospital. If you have any problems at all regarding any form of contraception, these people are really great to see as they’re always sympathetic to your requests.

PRINCE HENRY HOSPITAL, Outpatients Dept., Anzac Parade, Little Bay 2036. Telephone (besides above numbers): 661-0111 Tuesday 6 p.m. - 8 p.m.

PRINCE OF WALES HOSPITAL, Outpatients Dept., High Street, Randwick 2031. Telephone (besides above numbers) 399-0111 Wednesday 6 p.m. - 8 p.m. Thursday 6 p.m. - 8 p.m.

If your favourite contraceptive has failed (you take it once a day dear not once a week) then you can arrange to have pregnancy testing done at the Student Health Centre at the case of Basie Steps to decide if it is one , none or twins.

In the meantime sleep warm and smile. With a smile, Stephen Collocott

THE JOURNAL OF THE VICTORIAN STUDENTS' ASSOCIATION
The journal of the UNIONS Student Union. Published by Francis Timmerman in his capacity as Director of Student Publications. The editor Paul Muller.

Printed by Maxwell Printing Co. Pty Ltd. 108 Hendertion Road. Alexandria.

BHP CAN CAMPAIGN EXPOSED
In March of this year an Adelaide ecology action group ‘friends of the earth’, made a film exposing BHP’s fraudulent and public relations programme. Ironically it was BHP who paid ‘friends of the earth’ to make this film. Gabrielle Laffitte who exposed the steel can fraud to the media was instrumental in obtaining this sum for FOE from BHP.

Once finished the film was seized by Flinders University drama department and a three way battle ensued between the University, FOE and BHP to get control of the film. The University, under pressure from students and FOE’s lawyers were made to release the film and next Wednesday, August 8, as a prelude to national anti-can campaign, the film will be screened in the Wurth Room commencing at 1.05 p.m.

The film is not a technical accounting of the can recycling – rather it is an account of how the gimmick of recycling, and the fraud that perpetuated that gimmick caused one man to reveal the whole fiasco. The film title, “Pandian” means duality – a PR front and the reality are shown to result in a crisis.

TRAIN CONCESSIONS
The position so far is that students are entitled to rail concessions any time of the year if they are travelling interstate. AUS is still negotiating for the same concessions interstate. The present system gives the concessions only during vacations.

WELFARE COLUMN
HEALTH \n
The aroma of the Bush Y is one of the Great Danes