



COSMOS

aims to Contact SpaceMen Or Saucers



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PRESIDENT: DR.G.G. DOEL, M.R.C.S. L.R.C.P. D.M.R.E.

VICE-PRESIDENTS: J.CLEARY-BAKER, PH.D. LUCIUS FARISH.

EDITOR & DIRECTOR NORMAN OLIVER, 95, TAUNTON ROAD, LONDON, S.E.12.

JOURNAL EXCHANGE MARK STENHOFF, 153, DONALDSON RD., LONDON, S.E.18.

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The Merseyside UFO Bulletin No. 3/3 contains a highly comic, pseudo-satirical article by its associate editor, John Rimmer, entitled "THE DEATH AND LIFE OF BRITISH UFOLOGY - a vicious personal attack." "Ufology in Britain is dead" we are told, - and told at length in a manner displaying, if nothing else, a magnificent command of the Queen's English. "Dead" with the exception of F.S.R. "A beacon in a dark and hopeless sea" and "two other journals." Dare we hope we are one of them, Mr. Rimmer? Perhaps not, as a deft thrust is immediately launched in the direction of the "in-groups." What are they? Let Mr. Rimmer tell you: there's the Scoriton "in-group" - "not aggressive, just tedious": the BUFORA "in-group" - "required study for organisational psychologists": the Warminster "in-group" - "a classic, this". Your hapless editor, connected with all three, would thus seem to be thrice-cursed!! Never mind, - Mr. Rimmer tells us it is the Armchair UFO-ologist who sifts through reports and books on UFOs, offering balanced speculation, and presumably to prove his point, offers us the delectable choice of reading in his bulletin of the "huge scaly Italian monster" or Mrs. Rosa Tegerdine's exploding piano!! Pianissimo, Mr. Rimmer, please!

NORMAN OLIVER

Mr. Rimmer has been invited to speak to COS-MOS. Reply eagerly awaited.

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Sober but unthinking people of earlier times believed that a transparent arch of many colours, stretching across the sky at eventide, was a Divine sign that the Great Flood would not recur. More informed people today realise that a rainbow is caused by the refraction of sunlight from droplets of moisture in the air, producing the optical effect of the complete spectrum of colours visible to the human eye.

This is a physical and not a psychical illusion. Other wavelengths of light, beyond ultra-violet and infra-red, are not visible. They are known to exist and are now very useful tools, simply because interested people took the trouble to ferret them out. Dreams are illusions which people, since time began, have tried to interpret.

Some prefer to pull them out, like someone trying to edit old odd spools of 16 mm film taken while on a trip. The bits of Venice, Rome and Milan are recognisable from memory, but one taken from the top of Everest does not belong. Memory does not register, because one has never seen the Himalayas. It is in the middle of the spool, not grafted on, so how did it get there?

Why - and from whence? Dreams, if remembered at all, are always almost entirely odd scraps of past memories, yet sometimes a sequence appears that cannot be related to any personal experience, or to anything read in books, seen in theatres, viewed on TV. Taken altogether, they add up to another source of memory, exterior to ourselves; something connected with psychic phenomena that includes ghosts, ghouls, long leggy beasties etc. There is a simple answer for most oddities. Illusion cannot be confused with delusion - seeing something that is not there - although it frequently is, alas.

Numerous serious works have been compiled about all the unmentionable seven veils of Psyche. Like sex in Victorian days, the subject is highly indecent. Dr. Marie Stopes was a pioneer in actually making sex a natural human attribute worthy of intelligent understanding. The subject in a permissive society, to-day, is just a gay frolic - or so it seems.

J.W.Dunne performed a similar operation and drew the first veil of Psyche when he wrote "An Experiment With Time." He produced a mathematical theory and called it Serial Time. This was the conception of an engineer and initially bore no relation to anything more remarkable than any mathematical explanation of natural processes, presumably.

His later books showed how the subject began to develop into a deeper philosophy - and even on his death bed he was still labouring to explain what he had learned. Urged on by sheer curiosity, an associate of mine went further by less intellectual methods and - ignoring a warning notice that 'trespassers will be terrified' - crawled under the tent of veils. He found after long searching:

'The mathematics of Dunne are explanatory, not quantitative, but they seem accurate in principle. Over a period of thirty years one

can develop a working hypothesis and test its validity to a point where younger minds can quickly absorb the little that has taken half a lifetime to collect.

'Serial Time seems to operate as a machine that needs only a knowledge of technique to be capable of operation by any intelligent person. It works in three dimensions. There is all the spread of Time Past. Some of pre-history has been deduced from fragmentary evidence, but much remains to be learned. Time Present hardly matters.

'We have radio, television, and reading matter. Time and the shape of the future? The future is not fixed, as is the past. We all, having freewill, are shaping it at this precise moment called NOW. Serial Time, studied carefully and dispassionately, will help us all to decide NOT where we are going but where we should apply our energies - first to achieve Peace on Earth and Goodwill between all people; then "Per Ardua ad Astra" on the wider scale - but not to the stars as yet!

'The Solar System is an unfinished machine. Human kind has a magnificent task for ages to come. Before that can commence we have to make more land and end the antlike, internecine conflicts that bar our progress. Progress does not necessarily mean the present trend. Already Serial Time is charting something new.

'If enough people work for that new beginning, it will happen. Unfortunately, even with the best intentions, people who are actually like-minded work at cross purposes, either by outright bloody war or by demonstrations, strikes and other activities that harm everyone. At this particular moment in Time there is no supra guide to co-ordinate efforts.

'The Serial Time machine should act as such later on. For the present, there is the requirement to learn how to operate it and prove its value by digging into the past. The mechanism appears to be largely the movement of terrestrial magnetism. The remainder is obviously action by the element that is the very stuff of Life, the element that marks the difference between chemical re-action and independent action by a living organism.

'Having settled this to my own satisfaction, a later explanation may be regarded as probable, possible, not proven, or impossible by any medicos who read it. Travelling into the past is as much a frolic as present-day sex - and needs no pills to render it innocuous. Being chased by a Tyrannosaurus Rex is only a joke, providing you remember that the creature turning its long neck to see if Rex is gaining has been dead for untold centuries.

'Your job as observer is to watch the picture and judge whether T.R. actually ran like an ostrich, as depicted in a mural in South Kensington Science Museum, or if in fact the hideous thing wallowed along on its hunkers. I once saw the latter happen. It seemed a true bill: if Rex could only hitch along at three m.p.h. and plesiosaurus flop with a top speed of two m.p.h., the result was as deadly as if the predator was capable of thirty m.p.h.

'In Einstein's mathematical model of a Universe, an observer cannot fail to alter the action of the observed. This is probably equally true in the fantasy Universe of Serial Time. Dreams are inevitably prejudiced by our own personal memories. Tyrannosaurus Rex may have run in the manner of the mural; my own picture may have been prejudiced by knowledge of the mechanical action of a 'walking crane' - a machine used for opencast mining.

'In this case, it is the most effective method of propulsion for the heavy body. T.R. may have moved likewise and the long limbs have been purely paddles for use in water. The only evidence is apparently a plaster cast taken from the spot where T.R. died. The lower limb looks too slender to support a heavy body, yet the brute could obviously move like a kangaroo in slow motion, with the lower limbs flat on the mud.

'Also, at that stage of evolution, the delicate balancing organs needed by a running biped would hardly have evolved. It is in such matters as this that a study of Serial Time may be of value in discovering exactly what happened in the past, when evidence is too scanty to give certainty, and only opinions, aided by probabilities, can help. The technique is simple.....

'A good memory and a keen critical faculty are the basic needs. With these, plus time to cogitate, one may travel in Time back to our earliest beginnings. The young inheritors of to-day may acquire by practice the faculty of a surer guidance towards a better future than by any of the religious, industrial and commercial dogma of the present age.

'Dunne simply became interested in an odd phenomenon and set out to reduce it to the statement of an engineer in graphical form. At an even more practical level, we can try to form a driving manual for the Serial Time Machine. The Time Machine of H.G.Wells was depicted as carrying its driver bodily from past to future and back again, until he became stuck in the wrong dimension.

'Serial Time merely requires that you watch for the dicky-bird in the picture, whether the bird be a pterosaur or the aircraft that will make the Concorde obsolete,' he adds. All this may have little to do with UFOs, but may illustrate in necessarily brief format what Ufonauts have learned millenia ago: that Time has different meanings for different civilisations, yet can be 'tapped' with useful results.....To Be Continued.

 The above is an extract from the author's third and final book on UFOs, CHARIOTS OF DESTINY, to be published early in 1971. Overseas journals may use subject to acknowledgements to Arthur Shuttlewood and COS-MOS.

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Owing to lack of time for proper preparation and accurate checking of detail, an extraordinary 'near-landing' report from North London intended for this issue has been held over until November. Don't miss it! It's worth waiting for!=====

A UFO GLOSSARY

(- or DAFFY DEFINITIONS -)

Temperature Inversion - Dr. Menzel discovered this one morning whilst standing on his head practising Hatha Yoga.

Teleportation - Your local T.V. Rental Service should be expert in this technique - ask them.

UFO - One of those Undraped Feminine Objects usually to be found on the front covers of glossy 'art' magazines.

Research - It means that having found something you lose it and have to start finding it again, - such as your spectacles.

The 'Flatwoods' Monster - What was Dr. Condon doing on the evening of 12th. September 1952?

Orthoteny - Is the name given to the way a crow flies.

Leys - Is what the above does in its nest.

Telekinesis - There aint no such bird.

Skywatch - Literally, a watch kept on the sky. A misleading 'cover-up' title for an activity which usually takes place at night by a sect of misguided psychopaths who claim they are looking for UFOs - (see above.)

Sighting - A contracted, or slang form of 'exciting' used when a UFO (see above) is seen at a skywatch (see above).

Extra-terrestrial - The unexpected addition to one's family.

Radioactivity - The severe sonic disturbances created by broadcast 'Pop' music.

Little Green Men - Short husbands with tall wives who envy tall husbands with short wives.

Space-craft - The 'craft' (as in Witch-craft) or 'art' by which you insinuate another half-dozen guests into a room already filled to capacity.

Celestial Chariot - Another name for a UFO (see above) but of more mature years.

Flying Saucers - Ask any husband.

Telepathic - Having an addiction to T.V. viewing.

Inner-Earth - Foxes have them at the back of their premises for storing their soxes.

Extra-dimensional - OS

Satellite - As the Bishop was when he met the actress.

Contact - Swearword used by aviators in World War 1.

Moon Bases - Connected with UFOs (see above) and has possibly something to do with Yoko Ono.

Sky People - People who live in the clouds and wear long bits of wood on their feet to stop them sinking through.

Cos-Mos - A sort of lettuce found in peat-bogs on which Ufologists (see below) flourish.

Project Blue Book - An American consortium of schitzophrenics devoted to the propagation of phoney pornographic literature. Now reported to have died from an inherited tendency to cerebral paralysis.

Nicap - A little warm 'something' you drink just before going to bed.

Flying Cross - This early Saxon village game has been enthusiastically taken up by rural policemen. The object is to travel as far as possible in as many directions as you can in the shortest possible time.

Hallucination - What the Condon Committee suffered from when it investigated Pink Elephants instead of UFOs (see back).

Ufocal - is the Pub or 'Local' in which Ufologists (see above) receive their preliminary training prior to indulging in a skywatch (see back).

The above glossary was contributed (with tongue well in cheek!) by Ivar Mackay to whom very many thanks. Anyone with definitions to add please write to the Editor and we'll see how comprehensive a guide (!) to Ufology can be compiled.

M A I L B A G.

".....I thought the case of Mr. Lancashire ("What happened to Mr Lancashire?") in the May number of COS-MOS extremely interesting. In his experiences during October 1967 he seemed to have one that closely resembled the one I had during that time. That is 'the head and shoulders of a man appearing exactly as though chiselled out of white marble'. The apparition which I saw on October 22nd. was a head entirely in white like a white plaster cast except for the very blue eyes - which moved. Perhaps this could be a form of materialization used by the UFOs?....."

Eliot Bliss.

(Ref: The Experiences of Eliot Bliss, COS-MOS No.2)

".....delighted the cutting from my family in Rhodesia has been of use to you and Uforians generally and am glad you have published this.....Arthur Shuttlewood's article in the same number of COS-MOS is also of interest, as the 8 divisional Horoscope was propounded, as the original Horoscope, by Cyril Fagan, who alas, died in U.S. early this year. Cyril Fagan did much work in ancient Astrology and swore by the Sidereal Zodiac of the Constellations, which he said was the original zodiac and used by the Ancient Egyptians....."

".....Shuttlewood's numbers are of importance..360 are the degrees of the zodiac on which all Astrology is worked. 90 degrees and 180 degrees are highly inimical and the source of all trouble and danger when the planets aspect each other. The other degrees shown are likewise discordant and inharmonious.

The division of the zodiac into 12s is more beneficial..60 and 120 degrees being highly potent for good, harmony and benefits.

.....Cyril Fagan himself, age 72 when he died, was/is very highly regarded by serious Astrologers and was one of the most forward thinking and progressive of men. It is intriguing indeed that his octagon has been picked up, in a vision by a non-astrologer, like Shuttlewood. This seems to have something to do with the Greater Mind, to which we are all linked and which explains telepathy to a certain extent....

Judith Gee

".....Further to Arthur Shuttlewood's excellent article on the recurrence of the numbers '9' and '3', its possible I am just 'playing with numbers', however, I think it a coincidence that these two numbers should reappear, as is the case with the following examples:

- (1) The distance from the Sun to the Earth = 93,000,000 miles. We find there is a '9' and '3', if we divide nine into three we will get '3'.
- (2) The Earth is the 3rd. planet from the Sun, (again the number three crops up).
- (3) The speed of light = 186,300 miles per sec., if we add 1863 = 18, and $1 + 8 = 9$, or if we divide 18 by 2 = 9. If we take the speed of light as 660,000,000 m.p.h. and divide the first two numbers by two we get an answer of 33, again threes.
- (4) It seems a coincidence that the Spacelink Symposium was held on the 18th. July. $1 + 8 = 9$.
- (5) Hallowe'en this year is October 27th. $2 + 7 = 9$.

All this may be just 'playing with numbers', but I am sure there are hundreds of instances where the numbers '9' and '3' appear.

Frank Morton.

See centre pages for Frank Morton's own excellent article on Electronic Detection Devices. To save space, a separate report intended for this issue on skywatches has been held over to give Frank's two-part article the greatest possible coverage Ed.

".....Re Ed. Blandford's recent comments. I don't pretend to be God since the good Doctor Hynek has already claimed that role. Perhaps I am the devil in thin disguise. I only ask that criticisms be logical and factual. The U.S. scene has been torn for years by those

individuals who carelessly indulge in slander, unfounded speculations and total nonsense.

You may recall that FSR published an editorial a year or so ago denouncing a piece it had received from William Powers, a close associate of Dr. Hynek's which commented upon the condition of my bladder among other things. Dr. Hynek, himself---Himself, has frequently explained to one and all that I am a 'religious fanatic' (I'm an atheist), that I am 'getting rich' from UFOs (alas, I wish it were true. My UFO chasing has led me to the brink of bankruptcy); that I am paranoid (apparently because I insist on paying attention to the hitherto ignored evidence of the MIBs etc.).....

I suffered in silence for years but this campaign of slander has really gone too far. It is quite one thing when hillbilly housewives label me a "kook" because I don't believe in the splendid extraterrestrials or in sinister government conspiracies (there is no journalistically acceptable evidence for either). But when these clowns assault my professional thoroughness, skill and integrity, that is something else.

Since neither Dr. Hynek nor any of his associates have had the pleasure (a dubious one) of meeting me personally, I find their polemics and unfounded absurdities all the more disheartening. There is so much to be done in the UFO field and to date Dr. Hynek's sole contribution has been a series of "where there's smoke there must be fire" statements. I have at least had the courage to insinuate my feelings into print, carefully expressed my conclusions despite their controversial content and let the chips fall where-ever.

Perhaps it is time to start a new game. For my part, I will spread the word that Ed. Blandford spikes his tea with LSD, and that Dr. Condon wears red silk underwear. My proof comes from the same sources that informed Dr. Hynek that I am a paranoid, UFO-rich religious fanatic."

Best

john a. keel.

I can sympathise with John Keel so far as 'getting rich' from UFOs is concerned, - if it can be done I would certainly like to know how! I can assure him too, that he is not the devil in disguise, as I have twice been so nominated myself (in one case quite seriously!!) Why I do not know, - the only person I bear any resemblance to, so I am told, is Enoch Powell, but perhaps rightly or wrongly, some consider the two synonymous!

Norman Oliver.

 ".....I must express my views on an article in your magazine. Although I still rate your mag. amongst the best I feel I should comment very strongly - as a warning really - particularly to participants in Ouija Board activities and groups who are delving into this method of 'Contact'.....The danger with the board lies with the spiritual elements known as Ahriman forces which can distort the truth from anyone messing around, not only with the board, but with other things

as well. They can give friendly, loving, highly spiritual and philosophic answers to get one completely in their confidence, and then they can do what they want with you and also create dissension among the group.

Another dangerous aspect to the board is that these forces - Abriman or Lucific, feed on the ectoplasm in one's body, especially teenagers who have an abundance of this substance. Concerning the article I would say the letters mean nothing and a mischievous spirit has been having the participants om....."

Bernard Morton

Note: Mr. Morton's letter, regrettably too long to print in full, quoted instances of inconsistent and unfriendly Ouija Board 'instructions' within the range of his own experience. I feel though, it should be pointed out that the 'article' was an anonymous postcard not even addressed to COS-MOS in the first place! The Ouija Board reference was only made in an attempt to explain why it was sent. There is no COS-MOS Study Group devoted to contact by Ouija Board, though I have no doubt individual members (including the Director) experiment with this method from time to time. Provided one realises the possible sources of 'information' given, the potential of those sources, together with the likelihood of many of the 'facts' imparted being misleading or incorrect I would personally see no reason why they should not continue to do so. Comments welcome - Ed.

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COS-MOS member SEAN AINSCOUGH now holds a membership card of the "First Moon Flights" Club. He received the card, which portrays two spacemen on the front and a rocket on the back, from Pan American World Airways with a letter stating "Starting date of this service is not yet known. Equipment and route will, probably, be subject to government approvals. Fares are not fully resolved and may be out of this world". Sean, who is 6,669 (try that one for 'nines') on the waiting list, estimates the cost at around £3,000 and the date of the first service at 1985. He has recently returned to Southport from Australia, having gone there in 1958 in search of opals in answer to a London newspaper advertisement, later joining a television company where he was compere in a current affairs programme. He covered the launching of the Blue Streak rocket, the 1964 royal visit to Adelaide and Donald Campbell's water speed record in Western Australia in 1966.

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Readers will have noted the name of MARK STENHOFF on page one. Mark is Director of SIRIUS - Society for Investigation and Research into UFO Sightings - which covers much of South London, Kent and Sussex. SIRIUS, numbering among its honorary members Air Chief Marshal Sir Victor Goddard, K.C.B., C.B.E., M.A., and Robert Chapman, Sunday Express science correspondent, will be fully operational from 1st. Jan. 1971. Enquiries to Mark at 153, Donaldson Road, London, S.E.18.

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ELECTRONIC U.F.O. DETECTION.

The primary objective of the U.F.O. researcher is to gather as much data about the U.F.O. as possible. There are far too many people standing about waiting for events to happen, so that when they do happen, they are totally unprepared for the event. For example, if you have a group of sky-watchers standing on a hill waiting for a U.F.O. to appear, they find that when it does suddenly appear, they have to photograph it, assess its speed, altitude, direction of travel, size, etc. etc., which all could be in a very short space of time, therefore inaccurate descriptions are bound to occur.

Obviously, the ideal report would be a good photograph with all the scientific readings to accompany it, i.e. Location, Time, Weather conditions, Wind speed and direction etc., and most important of all, to record anomalous effects produced by the U.F.O. This is where electronic detection devices come into their own; the equipment I am about to describe has the ability to warn the sky-watcher of the approach of a U.F.O. and to detect the effects transmitted by a U.F.O. Most of the following devices I have already constructed, and are in use.

HEAT SENSORS

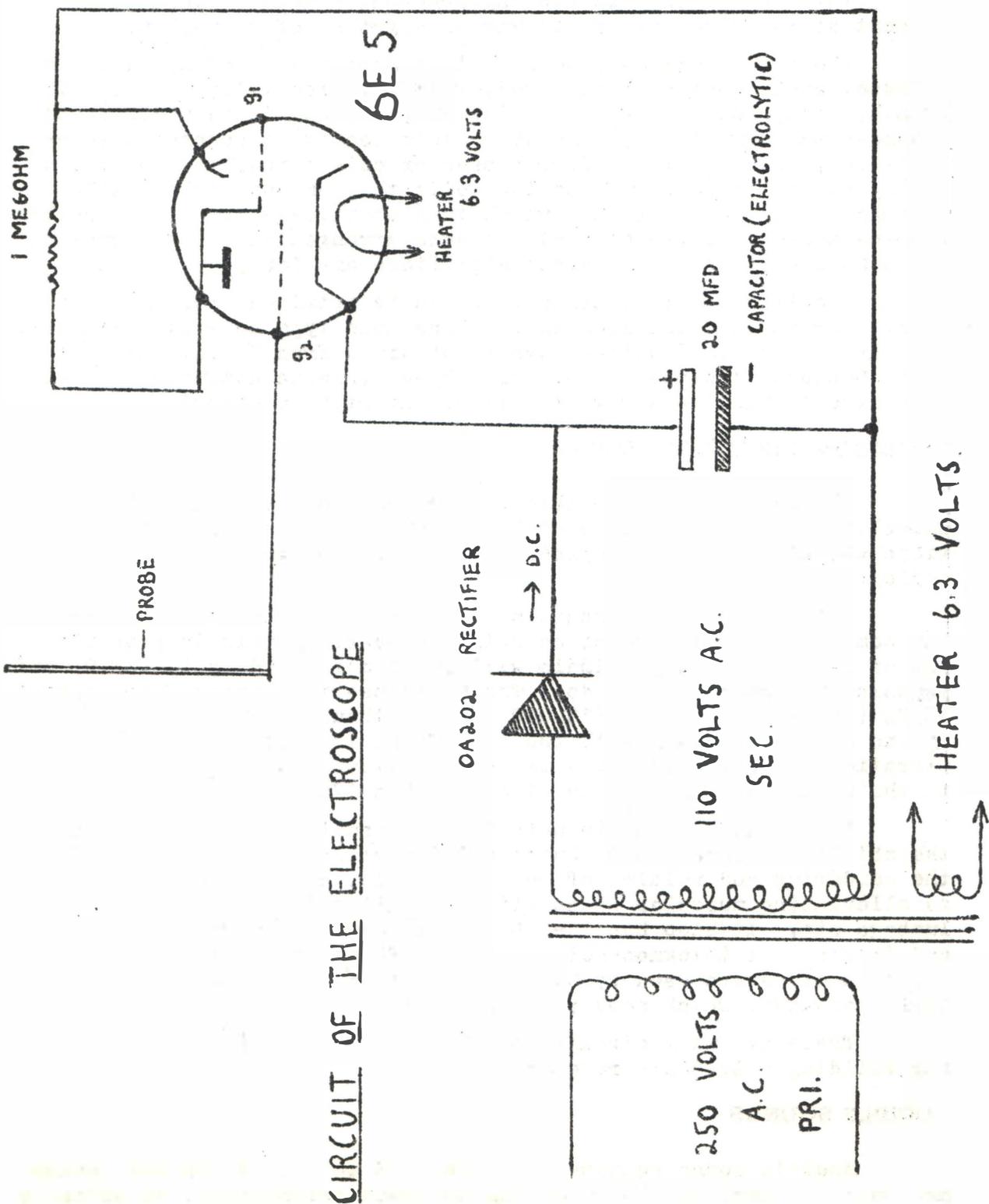
There are many types of heat sensing equipment that can be built quite easily. The Mullard 61SV Infra-red sensor is one of the best devices one can obtain. This device is constructed to receive pulsed Infra-red radiation, and at the same time to eliminate unwanted visual light via a built-in integral filter. The 61SV sensor can have various types of circuits built around it, as long as there is a meter readout built into the circuit to record the heat emitted from the object.

ELECTRONIC ELECTROSCOPE

The electroscope is an electrostatic device for indicating a potential difference or electric charge by the repulsion of two similarly charged bodies, e.g. Gold Leaf electroscope. This instrument is a handy device for determining if there are any positive charged particles within the area of the U.F.O.

The electronic version of the electroscope is far more sensitive than the Gold Leaf indicator, and is very simple to construct. The electronic electroscope consists of a Magic Eye tuner mounted on a piece of paxolin; the probe is mounted alongside of the tube and consists of a piece of brass rod about one foot long and three-sixteenths of an inch thick and must be bare. In operation, when a positive charge is brought near the probe, the shadow angle of the tube will decrease depending on the amount of charge. To test, rub a comb on wool and bring it near the probe, the shadow angle will decrease.

SEE DIAGRAM OPPOSITE



CIRCUIT OF THE ELECTROSCOPE

250 VOLTS
A.C.
PRI.

110 VOLTS A.C.
SEC.

0A202 RECTIFIER

→ D.C.

2.0 MFD

CAPACITOR (ELECTROLYTIC)

HEATER
6.3 VOLTS

6E5

1 MEGOHM

PROBE

HEATER 6.3 VOLTS

ELECTROMAGNETIC SENSOR

This instrument detects any abnormal magnetic fields that are present at the time, or before visual sighting of the U.F.O.

The sensor consists of a coil of copper wire of specific impedance, wound onto a ferrite rod, (made, incidentally, of nickel, cobalt, zinc, and having a very low eddy current loss) which greatly enhances the sensitivity. However, this sensor is connected to an amplifier, and when the U.F.O. passes or cuts across the sensor, a small voltage is induced into the coil; this in turn is amplified and made to operate a relay, which then operates a visual or audible warning system. Three separate sensors arranged in DELTA formation and connected to three separate amplifiers are ideal

Sensitivity of 20 miles plus can be obtained from these sensors. For those interested in building this type sensing equipment, the circuit and instructions can be obtained from F.S.R. Vol. 14, No.5, September/October 1968, price 5/-d. (Please note that TR4 of this circuit has the arrow of emitter inverted in error).

ULTRASONIC SOUND RECEIVERS

Ultrasonic sound devices can be used in the field, to try and establish what kind or type of U.F.O. emits ultrasonic sound vibrations whilst in flight, depending of course, on the altitude of the object.

Ultrasonic sound cannot normally be heard by the human ear, but comes into the range of an animal's hearing; this is probably one of the reasons why animals will react more readily to U.F.O. and psychic phenomena than we do. The human hearing ranges from approx. 16 Hz (16 c/s) to 15 KHz (15,000 c/s), although the highest frequency one can hear varies with the age of the individual. Ultrasonic vibrations or pressure waves can vary between 5KHz (5,000 c/s - within the human hearing) and as high as 70KHz (70,000 c/s).

It is interesting to note that transmitted ultrasonics has the ability to change the character of certain liquids; assisting the soldering and welding of certain metals, and medical uses such as alleviating muscular pains with such ailments as rheumatism and lumbago etc. It also has the ability to detect cracks in metals, and finding the thickness of all types of materials; this could be the type of device used by humanoids to inspect the condition of their machines, which some reports suggest they have done.

There are many circuits on the market now that one can obtain for building ultrasonic receivers

AUDIBLE SOUNDS

Audible sound equipment can be used to detect distant sounds and amplify them, so that they can be heard comfortably. An ordinary

transistorised amplifier of about 3 to 5 watts output with a very high gain would be sufficient. However, an ideal sound pickup unit would be to mount a small 3 inch 8 ohm speaker inverted onto a parabolic dish (a large salad bowl will do); the output of the amplifier would be a good pair of earphones.

The reason for using the speaker as the sound pickup unit, is that it is much more sensitive than the carbon or crystal microphones in certain respects.

POLAROID & BINOCULARS

At the next skywatch, anyone who owns a pair of Polaroid sunglasses should try wearing them whilst viewing bright objects through binoculars, - the Moon, for example. You will be surprised how greatly it enhances the viewing conditions when viewing bright objects. Ordinary sunglasses will not do.

FRANK MORTON

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QUARTZ CRYSTAL, UFO REPORTS AND MATHEMATICAL MEASUREMENTS.

In an article published in the BUFORA Journal of Great Britain (later published in the American magazine FLYING SAUCERS), author Arthur Shuttlewood described the various properties of crystals. According to him, crystals seem to be related to ultrasonic experiments, laser beams and dynamic light energies, while almost all solid matter is basically crystalline. Crystals have a regularity of formation and inward strength and outward beauty, while crystals are used for quartz crystal clocks having perfect time mechanisms.

While reading this unusual article, I happened to think of another area of human history or knowledge, concerning the word "Crystal." These words are to be found in the Holy Bible, Revelation 21:

"And he carried me away in the Spirit to a mountain great and high, and showed me the holy city Jerusalem, coming down out of heaven from God, having the glory of God: her light was like unto a stone most precious, as it were a jasper stone, clear as crystal.....and the city was pure gold, like unto pure glass....."

Then, John continues, the city is foursquare, "and the length thereof is as great as the breadth: and he measured the city with the reed, twelve thousand furlongs; the length and the breadth and the height thereof are equal."

All of this data should be of great interest to the UFO researcher. That is, the reader should note the reference to the 'crystal' properties within the city of the New Jerusalem. Secondly we should note how the city is described as coming down from God out of heaven or space. The structure of the object is compared to pure crystal, used nowadays for clocks, transistors and other inventions of this modern age.

But even more striking is John's statement that the length breadth and height are equal to each other, with the length equal to 12,000 furlongs. On this basis, the object (the New Jerusalem moving through space) could be a cube or pyramid.

Now, during my research I noticed that 12,000 furlongs would be equal to the modern-day length of 1,500 miles. Not only that, but I also noticed a very striking UFO report event...whereby two UFO landings seemed to measure and to make clear this length of 1,500 miles or 12,000 furlongs on the surface of the earth.

The first event happened around Levelland, Texas, on November 2 and 3 1957. American highway patrolmen, Sheriff's Deputies and common citizens reported the sighting of a huge, egg-shaped object, about 200 feet long, that landed on the fields and highways around Levelland. This is one of the classic American UFO reports - cited by Dr. James E. McDonald in his testimony to the Science and Astronautics committee, House of Representatives, Washington, D.C., July 1968. The event was described in many American newspapers of November 3, 1957.

One day after the Levelland landings, on November 4, 1957, two witnesses described the apparent hovering of a huge UFO just west of the Salton Sea, California. The two witnesses said this object seemed to create regular "signals" with eight such signals during two-second intervals.

Taking a map of North America, I measured the distance between Levelland and the Salton Sea.. This seemed to be 750 miles. On this basis, I then drew a huge square, with the center on Levelland, Texas. The distance from Levelland to the Salton Sea equalled 750 miles, while the measurement from Levelland to the other side of the square measured 750 miles.

The total length of this square, therefore, would be 750 x 2 or 1,500 miles. And this line was equal to the aforementioned 12,000 furlongs for the length of the New Jerusalem object.

I can only conclude that the Levelland and Salton Sea UFOs seemed to have measured the length of the New Jerusalem object on the surface of the planet Earth, on November 2 to 4 1957. Secondly, the New Jerusalem was described as a heavenly object, consisting of crystal materials, moving through space related to the power of the Lord.

Over 12 years later, on April 30 1970, I happened to read Arthur Shuttlewood's article concerning UFOs and the properties of crystal. There does seem some relationship between crystals and the reports. Lastly, I noticed another significant measurement:-

The Great Pyramid of Gizeh was constructed around 2600 b.c. Located in ancient Egypt, the building has the side view of a triangle and the plan view (when seen from space) of a SQUARE. That is, the huge square superposed over the map of North America, with Levelland at the center, the Salton Sea on one side, and the total length equal to 1,500 miles---this huge square would have the same mathematical design as the plan view of the Great Pyramid.

Now, oddly enough, the base-length of one side to the Great Pyramid equals approximately 750 to 755 feet. In other words, the 750 feet of the Great Pyramid square-side could be compared to the 750 miles between Levelland and the Salton Sea UFO reports.

All of this is of great interest, because several British writers and scientists (such as the British astronomer Charles Piazzi-Smyth and the British engineer David Davidson, Howard Vyse, Morton Edgar etc.) spent much time in investigating the Great Pyramid during the 19th and 20th centuries. These researchers claimed that the architect of the Great Pyramid had incorporated unique knowledge concerning the size, weight, mass and design of the planet Earth within the structure. In fact, the building seems to be referred to in Isaiah 19:19, Job 38:4-7, Jeremiah 32:20, KJV.

It is entirely possible that the UFOs have some relationship to England's Stonehenge, the Great Pyramid design and site, crystals, ancient records, biblical records and the mathematical design of the

planet Earth. Oddly enough, Isaiah 40:12 and 40:22 refer to the creation and design of the planet Earth by a creator.

Kenneth Lloyd Larson.

Readers wishing to communicate with the author may do so by writing to Kenneth Lloyd Larson, VICTORIOUS, 415½, South Coronado Street, Los Angeles, California 90057, U.S.A.

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" FOUR FLYING ORANGES " *

Just after twelve o' clock, in the early morning of Saturday, July 4, 17 year old Lucille Couturier was out walking with some friends along the Lower Sandgate Road at Folkestone, Kent, when she noticed four green heart-shaped objects with an aura around them, travelling out across the sea from a Northeast to Southwest direction. The weather was fairly clear, with a dull moon and scattered cloud, and the witnesses reported that the silent objects were lost for a few seconds in cloud cover, only to re-appear up-channel in a 'Y' formation at a height of about 2,000 feet. On returning to the car, Lucille thought she saw another flat shape on the horizon, but 'it looked solid enough'. A report was made to the police, who contacted the Ministry of Defence. Mr. Paul Harris of the Folkestone UFO Group obtained separate statements from the other witnesses, John Male of New Romney and Nicholas Ashman of Folkestone.

One additional point: Folkestone had the largest number of UFO sightings on record for 1969, and Paul expects an increase this year. On Friday July 17 at 10.45 p.m., from his own bedroom window, he made his own sighting of a red disc which was receding towards the southwest, over the sea, and which was seen by himself and residents to change shape from a sharply outlined 'solid' to a more "fuzzy star shape". The weather was overcast, and the object was in view for some 7 seconds. Since the Folkestone group have recently purchased a new telescope, walkie talkies and two cine cameras, we can hope for some interesting results in the near future. At the moment, the highest proportion of sightings are occurring in the Autumn and Summer months. "We are very lucky with our clear weather on the cliffs at this time of year," Paul said.

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* The heading "Four Flying Oranges" appeared in "The Folkestone and District Gazette" for Wednesday July 8. The discrepancy in colour may result from the immediate press investigation, which, I learned, was made soon after the sighting in an atmosphere that almost amounted to hysteria. It is likely, therefore, that Lucille's later description of colour is more accurate, since the other witnesses, interviewed separately, confirmed this colour.

Barry Marsh.

My thanks to Barry who sent in the above report after visiting Paul Harris in Folkestone. The Folkestone UFO Group led by Paul under the auspices of CONTACT U.K. is one of the largest in the country and manned 3 of CONTACT's sky-watch points on international skywatch day last June.

*****ED*****

N E X U S W A R M I N S T E R

Why Warminster?

Hundreds of puzzled UFO-researchers must have asked this question of themselves and their colleagues, as sighting after sighting has been reported from this little Wiltshire town over the last five years. It is a pleasant little place, admittedly, but what can be its peculiar fascination for the denizens of alien realms?

I suggest that the question, as posed, is misconceived. One might as well ask what charms Euston, Liverpool St. or Waterloo hold for the thousands of visitors who purchase railway tickets for them every year.

The notion that Mr. UFO-denizen steps into his saucer at Point A and travels in it to Point B, just as I might step into a car and travel from Winchester to Warminster, receives little support from advanced UFO-researchers nowadays. The idea falls down when confronted with the immensities of the Universe. It also fails when we consider that modern instrumentation could spot an object no larger than an aircraft-carrier at the distance of the planet Jupiter. Clearly, vast UFO carrier-ships, arriving from the depths of space, would be spotted time and again by our scientists, - but they aren't!

It is better to think of the material Universe, with its three dimensions of space and one of time, as the surface of a five-dimensional hypersphere. Ex hypothesi, a space traveller immerses himself and his craft in the fifth-dimension at his point of departure and emerges again within our terrestrial environs. The technicalities of such instantaneous transportation are unknown to us at present, but we may infer its reality from our observations of UFO phenomena.

There would seem to be nexus areas in which our planet is linked with the distant points-of-origin of the UFOs. Many such nexus areas are known and some years since I designated them 'ufocals'. Warminster is such a nexus area or ufocal and it is for this reason, not because of any inherent attractions which the town may hold for the UFO-denizens, that so many UFOs are seen in its vicinity.

In one of his books Arthur Shuttlewood relates how troops exercising on Salisbury Plain near Warminster, picked up on their radios messages emanating from a Naval operation conducted months earlier. There is no such thing as Absolute Time within the Universe and we might reasonably expect that confusion of this kind would occur occasionally in the vicinity of a ufocal.

It has also been noted that so-called psychical phenomena, sometimes of a poltergeist order, are apt to occur in the same areas as UFO 'flaps'. Again, this is what we should expect, on the view that the fifth-dimension is involved in UFO travel, for the interior of the hypersphere must be regarded as the habitat of psychic entities and forces.

A terrestrial ufocal is presumably linked with corresponding sensitive localities on many other worlds. At Warminster, for example, not all the visitants are of the order of the amiable 'Aenstrians' of

whom Arthur Shuttlewood writes. Charles Bowen, Editor of 'Flying Saucer Review', has described the UFO-denizens as "a variegated bunch of all-sorts". This is true and it would be strange indeed if the Eternal Conflict between Light and Darkness subsisted nowhere other than on this tiny planet of ours.

The Earth seemed vast to its inhabitants in the days when its circumnavigation involved a voyage of three years duration. It appears small enough, now that a manned satellite can accomplish the round trip in a brief eighty minutes. When humanity is able to emulate the UFO-denizens and span gulfs of thousands or millions of light years, via hyperspace, in almost no time at all, the COS-MOS will shrink to the proportions of a quite cosy unit. This will do much to restore Man's sense of dignity, which scientific developments since Copernicus have done much to erode.

Skywatching at Warminster may be one small way in which we can begin to come to terms with our environment!

J.Cleary-Baker, Ph.D.

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The following report appeared in The Evening Press dated Friday July 3, and was brought to our attention by Ed. Blandford.

 "Observers are baffled by a mystery unidentified flying object seen in the sky over Guernsey's west coast on Wednesday evening - and two eye-witnesses have given clear accounts of the object they saw from their car as they drove along the Portinfer Road.

"The object, described as a round light, travelling very high from West to East, appeared at about 9 p.m. and was seen by the car driver and two passengers.

"Insurance man Mr. Norman Langlois told the Evening Press: 'It was a very vivid, yellowish light - something like a Very light but much brighter. It certainly wasn't a plane'.

"Said Mr. Langlois: 'It was travelling roughly West to East at a tremendous height. After a while it passed out of my field of vision, but I stopped the car and my wife could still see it, and so could another of my passengers. I'd seen it for about two minutes.'

"Mrs Langlois took up the tale of the UFO. 'It was just like a big, round fluorescent light. I saw it hovering in the sky as we drove along the Portinfer Road. Then, like a flash, it zoomed off, towards the north-east.'

"Both eye-witnesses are convinced that what they saw was not an aircraft or a glow in the windscreen of the car. 'There wasn't a star in the sky at the time,' said Mrs. Langlois. 'It was completely clear.'

"Several other local residents were talking yesterday about the 'round, glowing object' which appeared in the sky over the west coast at about the same time as the sighting by Mr. and Mrs. Langlois.

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Erratum:- My apologies to J.C-B. in his penultimate paragraph above for having claimed the Cosmos for COS-MOS. I plead force of habit! -Ed.

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 Essex reports, views, theories of Essex Ufologists appear in the
 ESSEX UFO NEWS, magazine of the ESSEX UFO GROUP
 which holds regular meetings and skywatches. -
 Write to Dave Rowe, 8, Park Drive, Wickford, Essex for details.
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The following London meetings have been arranged by COS-MOS, BUFORA
 and CONTACT U.K. Kensington Library is the venue for all COS-MOS and
 BUFORA meetings; those of CONTACT U.K. may be at either Caxton Hall
 or Alliance Hall (Palmer Street, next Caxton Hall) as indicated.

All meetings commence at 7.p.m. :-

12. 9.70	CONTACT	Alliance Hall. Brains Trust: Ivar Mackay, Peter Wain, Norman Oliver, Jimmy Goddard.
19. 9.70	COS-MOS	Open Evening (In meeting room only)
3.10.70	BUFORA	Annual General Meeting (members only)
24.10.70	COS-MOS	Speaker: Fred. Gardner F.R.G.S.
31.10.70	CONTACT	Caxton Hall. Speaker: Mrs. Mary Cain.
7.11.70	BUFORA	'Leys' Symposium. Hon. Brinsley Le Poer Trench in the chair.
21.11.70	COS-MOS	Speaker: Mrs. Jacqueline Thorburn, Atlantean Soc.
28.11.70	CONTACT	Caxton Hall. Speaker: Andrew Tomas.
5.12.70	BUFORA	Speaker: Anthony Durham B.A.
12.12.70	CONTACT	Caxton Hall. Speaker: Lionel Beer.
2. 1.71	BUFORA	Speaker: Alan Watts, B.Sc., F.R.Met.S.
9. 1.71	COS-MOS	"I Consider". Mike Holt B.A., J.Cleary-Baker, Ph.D. Dr. Chris. Evans Ph.D., Mollie Thompson.

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IN OUR NEXT ISSUE:- Part two of our excerpt from 'Chariots of Destiny':
 Part two of Frank Morton's feature on Detection Equipment: 'Like IT IS'
 - an article specially sent to COS-MOS by Joan Howard, the Canadian
 contactee: 'World-Wide '70', a review of the year's Saucer scene and
 many other features; there may even be room for a long-postponed pen-
 picture of Bryant or Dr. N.! As in 1969, this will be a 'bumper'
 issue, and will accordingly not come out until December to allow for
 the fullest possible preparation.

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 We are delighted to announce that Frank Morton, also a member of the
 A.P.R.O. Field Investigation team, has accepted the position of COS-
 MOS Research Officer. In our Jan.'71 issue he will write on possible
 devices used by UFO occupants to immobilise witnesses or contactees.

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STOP PRESS: SIGHTINGS OVER LUTON. The London Evening News of August 20
 reports sightings over Luton by schoolboys Howard and Robin Sarkar;
 printer Fred. Large; Mrs. Betty Hunter and her daughter and Barry
 Snoxhall. These occurred in different places, descriptions varying
 from 'a slow-moving bright light changing course' and 'a big triangle
 of white light travelling soundlessly and very fast' to 'a bright
 light shaped like a rugby ball hovering for several minutes then shoot-
 ing away at great speed'. Luton Airport stated that no objects had
 been seen by duty look-outs nor any unidentified radar contacts.
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