

The measurements show that just before the main transmitted pulse arrives, a small signal arrives. It is about 1 per cent of the energy of the main signal travelling behind it, "and it has to be travelling at twice the speed of light", according to *The Times*.

Mr Obolensky said he found the smaller signal "by looking for a type of signal that nobody has bothered to look for before." He has offered no explanations for his findings.

Wormholes

In the *Datalink* article, it was stated:- "Colossal super-powered computers may one day enable spacemen to fulfil man's eternal dream to travel through time."

Three physicists proposed the idea in a paper on the future of space travel. They claimed to have dis-

covered wormholes in the Universe which connect different time spaces.

"Computers capable of making 10,000 million calculations every second could be used to locate their whereabouts said *Datalink*

(In computer jargon, the term "millions of instructions per second" is often used instead of "calculations per second" – hence the term 'mips' – Editor.)

Dr Michael Morris, of the University of Wisconsin, said:- "Travelling into the past hitherto has been considered inherently and theoretically impossible."

*Wormholes have been theorised about for the past two decades at least. If they exist they may link up different time zones or different dimensions.

INTERESTING PHENOMENON NOTED ON A CHINESE TRAIN

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WHILE travelling in China in 1987 I had an interesting experience which, although not a "UFO experience", may nevertheless shed some light on certain associated secondary effects in UFO cases (i.e. watches stopped, electrical blackouts, etc.)

I took a train from Chengdu (Ch'eng-Tu) in Sichuan Province, West China, to Lanzhou (Lan-Chou) in Gansu Province, North-West China. The train was electric and the journey took approx. 24 hours.

During the journey I met an American who was also going to Lanzhou. On arriving there, we found a hotel and unpacked, only to discover that both our quartz alarm-clocks had lost exactly (within a minute or two) half an hour. This was relative to our wrist-watches, which in my own case had been set *from the alarm-clock* the previous day.

We were very surprised and could think of no explanation; later it occurred to me that the probable cause was this:-

My clock and my American friend's clock had been in our respective rucksacks, which were stowed on the luggage-rack (above head-height in Chinese trains).

The electromagnetic field around the overhead power-lines for the train had caused the clocks to lose half an hour over a 24 hour period. This had not affected my wristwatch as it was mechanical and it had not affected my friend's wristwatch (which was quartz) either, due to the greater distance from the power-lines to our wrists than from the power-lines to near the roof of the coach (position of the luggage on the rack).

This brings up a couple of interesting points: if an electromagnetic field can slow down a quartz clock, it could no doubt *stop* it if it were stronger. Do people, who report "watch-stopping secondary effects" when observing UFOs, discriminate between quartz watches and mechanical watches, and are both types of watch stopped?

Since the 1950s there have been reports of watches stopped by UFOs, but the early cases were rare, and occurred only when the person was very close to the UFO. Truman Bethurum claimed that he had got through *two* watches (mechanical type) during his numerous contacts. A watchmaker expressed the view

that the watches had been exposed to strong magnetic forces.

However, there are no reports from the 1950s of a *number of watches* stopping when a UFO flew over a certain area – because the magnetic forces involved would have been too weak (at the distance involved) to affect a mechanical watch.

Today, the position is quite different, as we have I.C. (integrated Circuit) watches with no moving parts; quartz watches with a small electrical motor; and mechanical watches. Consequently, it is not surprising that many watches are stopped when a UFO flies over. (See "*UFO Chase In China*" in FSR 32/6 (1987))

The first-named of the above mentioned categories of watches (I.C. watches) are very sensitive to high-energy electromagnetic radiation (microwaves and x-rays will interfere with integrated circuits – i.e. computers).

The second-mentioned category (quartz watches) would be sensitive to electromagnetic fields of much weaker intensity than would affect mechanical watches, and also may be disturbed by certain oscillating fields.

The last category (mechanical watches) would only be affected by strong magnetic or gravitational fields.

Therefore, a survey of the kind of watches stopped, and of their distance from the UFO at the time of stopping, could give valuable clues to the type of field surrounding the craft or entity and the type of radiations emitted.

I suspect that cases in which *a number of watches* have stopped have only occurred since the introduction of electric/electronic watches.

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