

Children As Victims Inquiry
Children Against Vested Interests
Citizens As Victims Inquiry
(New Adult Arm)

The CAVI Society

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The CAVI Society seeks to safeguard children from the effects of electromagnetic radiation in the environments in which they spend the greatest amount of their time. Our logo of a butterfly with only one wing emphasises the concern of the Society about the limiting effects that this radiation might have on their well-being and potential development.

In response to requests from the general public we have brought forward our plans to set up an arm for adults also.

Re: Response to Ofcom consultation regarding Variation to 3G Licences.

Dear Cliff Mason,

First may I say as Chair of The CAVI Society, that if there is a blanket allowance of a quadrupled increase in 3G mast emissions in this country as a result of the above application by Vodafone, on behalf of the telecoms, then there will be a huge outcry when people finally realise what has been allowed, and particularly when people realise that while much of Europe is lowering emissions levels from masts, (in response to The Bio-Initiative Report), in this country Ofcom has "consulted" (without consulting) to allow for a huge increase in 3G masts emissions.

While other member states in Europe, or regions of member states, are reacting to the sheer volume of ill health and concerns (for example sudden death among young people), the increase of growth among people suffering from Electrosensitivity,(who are having to walk out of socially crucial jobs, as key workers in schools and hospitals), the huge significance of this increase upon the social infrastructure of this country will soon become apparent. That is to say nothing of the huge impact on the national health service from an exponential increase in serious illness, very soon if not immediately to become apparent.

Is Ofcom aware, for example, that if someone sleeps in a high emf field, this can cause such disruption to the pineal gland and the regulation of melatonin (which mops up cancer cells), the gland can be severely affected in as little as FOUR months? So a huge increase in some very nasty diseases may not be all that long in presenting. (R.J Reiter et al)

Here in Solihull we know a lady who has recently died of myeloma (cancer of the bone marrow). A T-mobile mast started operating in September 2007, and just ten months later she was diagnosed with the myeloma. Her consultant is unable to say whether the myeloma was a long time coming on or whether it was quite a rapid onset, but that still gives a 50%

possibility that the “four month window” fits in with the studies that the gland which helps to keep the immune system functioning well can be severely damaged in such a short time. We tested the field within this lady’s bedroom and found levels of 0.99 Volts per metre in the bedroom window and, more significantly, a field 0.65 Volts per metre on her pillow. For us, this case pointed towards the wisdom of the 0.6 Volts per metre safety threshold recommended in The Bio-Initiative Report.

There were also high fields in her living room which would have impacted on her ability to benefit from the gruelling treatment she underwent to no avail. Once she was diagnosed, we felt that her chances of survival were slim since we knew that the high field would negate the treatment she was receiving. This, sadly, proved to be the case.

We have learnt a great deal from Dr. John Walker who is known for his risk extrapolation work. (See his talk in Woking which can be accessed by Googling “Dr. John Walker, Chartered Physicist”). Dr. Walker simply takes a street map showing the houses, measures the field from the mast and ascertains where the beam of intensity falls, and theoretically can predict where the cancer clusters will be. He has managed to persuade the authorities in Athens to remove some masts on health grounds. Sadly, as the saying goes, “ a prophet is not heard in his own land”. That will change - truth has a habit of manifesting itself in very rapid waves when it can be hidden no longer.

Here in Solihull, thanks to the scientists helping us, CAVI Society is gaining knowledge of plausible causal mechanistic links to illness and has now begun to document cases and compile a data base of possible victims, both children and adults. The pieces of the jigsaw are beginning to fit together and make some sense. We fear for the people known to us living in close proximity to the masts which we are particularly concerned about- particularly those already ill or showing signs of microwave sickness - and all this before any proposed increase in radiation.

These people whom we support want to know why we are moving in the **opposite direction** to so much of Europe. When the British people are finally made aware of the Resolution in the European Parliament of September 4th 2008, which declared ICNIRP guidelines to be “obsolete” and “inadequate to protect public health”, there will be serious social ramifications.

Barrie Trower, an independent scientist, has said: ‘**The government, government scientists and [this industry] will be responsible for more civilian deaths in peacetime than all the terrorist organisations put together.**’

The longer the British Government choose to ignore the September 4th Resolution, the implications of the Bio-Initiative Report , the evidence supplied in it, and the longer they deliberately ignore how other member states and regions of member states are responding to the Bio-Initiative Report and are seeking to implement its recommendations as best they can, the greater the wrath of the British electorate will finally be.

1. The CAVI Society demand that Public Health and Safety measures concerning microwave technologies **MUST take precedence over the demands of industry and Government-even in an economic downturn.** Economic downturn is **no moral justification** for pandering to those with vested interests. Failure to put public health first at ALL times indicts the government of severe disregard of Public health and human rights. This situation cannot continue. We are not against technological progress but the government should warn those who have vested interests in developing certain technologies, that it may not be able to

allow free rein for such development in the future if it involves increasing public exposure to microwave radiation.

2. CAVI Society urgently demand that changes be implemented to bring the UK into line with the recommendations of the Bio-Initiative Report Working Group and that this government should either educate itself in the wealth of international studies that have informed the Bio-Initiative Report or have the decency to admit to the British public that it knows that these studies exist.

3. CAVI Society demand that in future ALL scientific research on the risks of electromagnetic radiation and its pollution be carried out by **totally independent bodies** and that **NOT A PENNY** is provided by the telecom industry itself. Such action in the past has compromised the Government, in shameful ways, as has the action of taking such large amounts of money for the licences in the first place. No money should be required to change hands for licences of this nature- the granting of them being solely a matter for those accountable for protecting public health. The mere temptation of vested interests must be ruled out and seen to be ruled out.

4. CAVI Society demand that urgent legislation be put in place to **close all loopholes** in planning laws which admit of the possibility (and temptation) towards corruption by councils or individuals or which jeopardise public health through negligence. We refer in particular to the 56 day “deemed consent” rule and to the loophole which allows erection of antennae of four feet or below on roofs of buildings without planning consent. The tolerance of these loopholes, if this proposal is granted, now places more people at risk than would otherwise be. These are shameful blots in the British planning system- the tolerance of which can, in some instances, show criminal disregard for human health.

The global threat

Because of the unregulated proliferation of microwave technology, we are facing a global humanitarian crisis with threat to human and wildlife environment, the human and animal food supplies, and possibly the earth’s climate itself. Studies have been undertaken which show the possibility of bee colony collapse because of microwave technology interfering with the bees own magnetic navigation system. Albert Einstein probably knew little about microwaves, but he allegedly predicted that if something happened to the honey bees then mankind would be in serious trouble within four years. There is growing concern that this radiation is harming insects which act as crop pollinators.(Please see attached Power Density Document) there are also studies showing concern for the migratory systems of certain birds and for the impact on plant life. We ignore these concerns at our peril.

Someone once said that the ambient temperature around a mobile phone mast could be as much as two degrees higher than it would be if there were no phone mast there. I can only guess what the proposed increase in temperature would do to ambient temperatures around phone masts, or how this affects us or wildlife, or indeed whether it would have any effect (if extensive) on global warming itself. All I do know is that there is more than enough peer- reviewed independent research , **with no link to government or industry**, which highlights a real risk of biological harm to human and animal life at much lower levels than the ICNIRP guidelines.

This consultation appears to take no account of the ALARA (As Low as Reasonably Achievable) principle. The British government, which we believe supported it, needs to explain to the British public why they are allowing this consultation in the first place. Your documents gives no reassurance that sensible caveats and restrictions will be enforced for

masts on school sites, near schools, nurseries, hospitals , homes and places of work. That means that the only suitable locations for a justification of raised power might be the odd rural mast on the odd rural hill- and even then we fear for the ecological impact.

Concerns about Ofcom itself. Is Ofcom fit for purpose?

Recently in Solihull we commissioned an Ofcom survey of a T-Mobile mast that went up through maladministration (56 day overrun).

In your "Survey Methodology" (which you describe as "a carefully designed and controlled methodology" you state your modus operandi:

You conduct " a peak search around the identified location in order to determine with accuracy the spot where the maximum radiation levels are being received. To achieve this, the survey engineer walked in the area surrounding the site along a pre- defined template path, using the hand- held probe and noted the location of maximum reading.

The probe was then positioned on a tripod at the exact location of the maximum radiation level readings and the measurement taken."

Their methodology does not accord with our own findings. We had been using some monitors to give us an idea of where the highest emissions were. Ofcom asked us where we wanted the measurements to be taken. We expressly gave one of the locations as outside a certain house at the request of a resident -from a house with full view of the mast. What Ofcom actually did was place their equipment between that house and the house next door, **in the lee of a house which was sideways on**. We **knew** that this location gave a low reading- and we knew why -it wasn't even in line of sight of the mast...because of the house at right angles in front of these other houses---which in effect shielded two of the houses. Please look at the Ofcom 2009 surveys (www.ofcom.org.uk) and look at Bushley Croft, (Case ref.no.1-122307507) and you will see for yourself that this reading was not taken **in line of sight of the mast** (which IS what we had intended when we said "outside number * please".)

In conclusion, if we had wanted Ofcom to take readings from the locations where we had previously found the readings to be at their lowest, then we would have asked them to take readings from the exact locations that they took the readings from, and the third photograph may well explain why.

We have also just read that there is an article in the EMC Journal of November 2009 called "The Ofcom Saga" which highlights the failure of Ofcom to control the power of such devices as cordless phones and WiFi . It states that "the PLT industry appears to believe that because it spends so much on lobbying, it should be able to get just exactly what it wants," and concluded that "Ofcom is manifestly unfit for purpose". The article argues for an independent EMC regulator, "able to focus on managing the radio spectrum without being dominated by big business interests."

So we have sadly arrived at a point where we do not trust Ofcom. Perhaps it is not surprising that we arrived at this point:

When we rang the Ofcom office in London to request a survey, the young man who answered the phone was not even aware that they did surveys! Although we have met with politeness from the engineer who first came, we had to challenge the fact that **a fair test had not been conducted**. It was not a reading at bedroom level height- Ofcom told us that they are not allowed to enter private dwellings- so it is therefore impossible to get a "like

for like test”, and impossible to establish accurate readings within dwelling spaces and particularly sleeping areas. When we challenged this (i.e. that height DID matter) because some people slept in the main beam of greatest intensity, they said that the HPA did do internal surveys. We rang the HPA and they said that such a survey would cost upwards of £3,000. **The British public need to be told all this.**

So it's easy for them to say there is no evidence that people are dying of cancer in the beam of intensity from a mobile phone mast, because they go to great lengths to avoid finding that evidence.

We have left the responses of a more technical nature to those people in our sister organisations and to those individual scientists better able to present such responses, but I think it safe to say that we all, and a growing number of people throughout the country, are becoming seriously concerned about the the serious erosion of human rights in the entire issue of microwave radiation, and many are contacting me to express grave concern about the way in which they, the public to be further irradiated, have been told nothing about this Ofcom consultation.

I draw your attention to:

the Human Rights case filed in the European Court of Human Rights in Strasbourg.
Please click on "[Preliminary Application File](#)".....

Please look at the grounds on which these citizens of the Hague are filing against the Dutch government- that they were irradiated without their consent.

The health concerns debate may continue for quite a while, but human rights cases may bring the debate to a speedier conclusion than anticipated, and particularly if Judges give increasing weight to plausible causal mechanistic links to occurring illness that are accompanied by field strength data.

Yours Sincerely,

Diana Hanson