



Clerk: June Gurry
Telephone: 01803 207013
E-mail address: governance.support@torbay.gov.uk
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Governance Support
Town Hall
Castle Circus
Torquay
TQ1 3DR

Dear Member

COUNCIL - THURSDAY, 24 OCTOBER 2019

I am now able to enclose, for consideration at the Thursday, 24 October 2019 meeting of the Council, the following reports that were unavailable when the agenda was printed.

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6.	Public question time	(Pages 97 - 100)

Yours sincerely

June Gurry
Clerk

5G 5 FACTS
IS 5G SAFE?

1. **RF can cause serious biological effects: cancer, nervous system disruption, reproductive impairment** and many more serious biological effects have been demonstrated from Radiofrequency (RF) Radiation in peer-reviewed publications, below present safety levels
2. **Children are more vulnerable**, as are the elderly, pregnant, infirm and hypersensitive
3. **Animals and plants** can also be affected by RF induced biological damage
4. **No informed consent** to irradiation with RF has been generally given by the public
5. **No Safety Limits** are being used to protect against non-thermal effects in the UK.

1. Cancer: RF was classified as a Group 2B Possible Human Carcinogen (IARC/WHO) in 2011. This was based on higher brain tumour rates (glioma and acoustic neuroma - a type of Schwannoma) found in longer term mobile phone users. Since then, the evidence for cancer from RF has elevated.



The US National Toxicology Program (2018) found 'Clear Evidence' for heart Schwannoma in animals exposed to RF and 'some evidence' of several other cancers including glioma. Compounding this, the Ramazzini Institute found Schwannomas again even though they used lower intensity far-field radiation like that produced by base stations. Together these multiple forms of evidence elevate the carcinogenic status of RF but IARC have not yet reconvened to reclassify it. Experts are calling for it now to be a Group 1 Known Human Carcinogen like tobacco, asbestos or x-rays

2. Children: suffer higher exposures and are more vulnerable to negative effects due to their smaller size, developing systems, higher number of stem cells and longer time ahead for latent disease.



3. Animals and Plants: can be affected by the same processes via the same mechanisms as implicated in human disease. Many of the research findings were determined first using these groups. This adds further damage to the already deeply concerning impact of climate change on the environment.



4. No informed consent: is a breach of human rights and the Nuremberg Code (see 5GAppeal.eu from over 200 medical doctors and scientists). The UK population has never been informed of the 1000s of peer-reviewed published scientific papers demonstrating biological damage at non-thermal levels. Perhaps this is because advisory groups tasked specifically to inform the public have conflicts of interest and their published information is usually substantially out of date.



5. No safety limits: Current safety limits used in the UK (ICNIRP) are set a million times too high for biological protection. They were set in the 90s to protect only from thermal heating effects and fail to protect from copiously documented, non-thermal effects. Other countries have safety limits orders of magnitude below ours in the UK. Cities in the US, Switzerland, Belgium and Italy are slowing, halting and/or issuing resolutions to halt 5G and wireless towers near homes.



What can I do?

1. **Educate** yourself with factual independent resources (see opposite). Use this info to:
2. **Raise awareness** in your local community and join PHIRE
3. **If you think you may have symptoms related to RF exposures**, discuss these with your medical doctor. Offer independent resources to educate as it is unlikely they've been trained in this area of health. PHIRE offers free factual, evidence-based advice to medical doctors. Lower your personal exposures (hardwiring of devices and flight mode will help).
4. **Write to your MP** making clear that you do not consent to further involuntary RF radiation polluting your environment.
5. **Get legal advice (if you can):** PHIRE have experts able to give legal testimony .

What is different about 5G?

RF in our environment has been rising exponentially since the 70s despite credible scientific evidence of harm that precedes this time. This is due to the unprecedented industrial demand for this technology. Existing RF exposures are already damaging health, but the voices of global experts in this field have not been heard (see emfscientist.org Appeal). For many years these experts have demanded lower safety limits to protect health but this has not been granted in the UK. In order to support faster data transfer of larger volume, 5G uses higher RF frequencies and different modulation, with higher amplitude, rapid data bursts which are expected to cause even greater cellular damage than noted with previous emissions.

A Note on Millimetre Waves:

It is currently denied that very high frequency mm waves (30-300GHz) will be used in the UK, however much online literature refers to potential future UK auctions of this part of the spectrum (and 28GHz is sold), so the position is not clear and the public have not been consulted. There is very little literature regarding effects on health of mm waves, but there is evidence of relevant biological harm to humans, animals and plants. This wavelength is especially damaging to insects including

pollinators. Effects on human skin, eyes and testes are of particular concern as mm waves are maximally absorbed superficially. Due to the easy absorption, they cannot penetrate the environment very efficiently, so high intensity emissions will be necessary and a denser network of antennae potentially every few metres to achieve coverage. Trees may also need to be felled to allow better coverage



INDEPENDENT SCIENTIFIC RESOURCES

appel-de-paris.com
5gappeal.eu
bioinitiative.org
ehtrust.org
emfcall.org
emfscientist.org
mdsafetech.org
orsaa.org
phiremedical.org
radiationresearch.org
saferemr.com
wirelessriskassessment.org

Thank you for your attention, please take action to protect your health and environment – Physicians' Health Initiative for Radiation and Environment (PHIRE): PHIREmedical.org See website events for 5G medical conference 27th - 28th Sept 2019

Lady Mayor, Counsellors and other honourable members,

Thank you for allowing me to speak this evening.

I would like to draw your attention to the subject of 5G frequency emissions, and its potential adverse health effects on our community in which I've lived for 55 years.

5G technology, which uses the "pulsed millimetre frequency spectrum" has had no adequate or credible long term health testing on anything organic that has life force energy. This, of course, includes human beings, and I urge you to very seriously consider whether you will allow the installation and operation of 5G in our towns until there is further testing, and much more clarity and truth about its consequential health effects on human beings, especially children and the environment including trees, pollinators, animals, birds and insects.

There is a massive worldwide resistance to the prospect of exposure to this unprecedented level of debilitating frequency emissions that has never had any finite health assurances from either the providers or from central government.

Other towns in the UK, Glastonbury and Frome, Shepton Mallet have invoked the "Precautionary Principle" and Totnes Council and Kingsbridge Council have opted to declare a "Moratorium". There are also many other UK towns and cities that are currently and imminently deliberating to "press the pause button" in order to first fully understand and comprehend the ramifications of 5G in order to make a correct and informed decision. It would be commendable, and correct for this council to be seen to be proactive by demonstrating a 'duty of environmental care' to your community by at least taking the precautionary route.

The subject of 5G has been, and is still a current debate in the "parliamentary halls" due to lack of health assurances, more and more MPs are expressing their concerns.

At some point in the near future, as a Council, you will be approached by government endorsed contractors to begin the process of 5G hardware and street furniture installation, (they no longer need planning consents or

permissions for this work) I suggest and urge you to begin to formulate a policy and a stance for this eventuality, preferably, no to 5G is a good choice for health and wellbeing, especially for our current generations children who are certainly the most at risk from from the effects of this particular type of radiation.

In my own experience so far, the preliminary installation process will normally begin, with indiscriminate and selective tree felling, as trees inhibit the 5G signal. Also there maybe a compulsory directive for you to upgrade your street lighting and street furniture in order to host 5G urban aerials every 100 metres. You may well be asked to contribute to this cost of installation.

I was appalled to see the recent tree felling in Italy, of avenues of ancient trees in a semi-rural town reduced to stumps to make way for 5G. This is a typical and ongoing procedure worldwide, are you prepared to endorse this?

I would emphatically implore all of you here, who serve the community as their responsible representatives, to be proactive in this matter, and do please look at and read the information folders that I have left for each you.

Please do consult with the residents and listen to their wishes, fears and health concerns, because you as a council have the immediate responsibility for community health and wellbeing, and also the responsibility if you are negligent in not being proactive to address these concerns especially if there are then later consequences to be answered. A number of concerned individuals have collected over thousand signatures of Torbay residents who are very worried and who want to press the pause button.

I am concerned enough to put myself at your disposal to explain 5G further at your leisure, or to arrange a presentation with peer-reviewed evidence and/or expert witnesses on the subject (both medical and scientific) to help you to have a better overview and understanding of 5G in order to make an informed and balanced decision of what this council should do next.