

Consultation response form

Please complete this form in full and return to NGSO.Licensing.Consultation@ofcom.org.uk.

Consultation title	Non-geostationary satellite systems – Licensing updates
Full name	M Bevington
Contact phone number	
Representing (delete as appropriate)	Self / Organisation
Organisation name	Electrosensitivity UK

Question 4: Do you have any comments on the proposed updates to existing and new NGSO network licences?

1. Updates to existing and new NGSO network licences should include provision for compliance with international biological guidelines including long-term and non-thermal health effects in addition to the current ICNIRP guidelines which do not include long-term and non-thermal health effects but only short-term and thermal effects and therefore do not protect against cancer and EHS.
2. The radiation used by satellite communication systems is classified as a 2B carcinogen. Updates should include the requirement that there should be appropriate warnings for anyone exposed above the international biological guidelines for long-term and non-thermal health effects.
3. Updates to existing and new NGSO network licences should include provision for international long-term and non-thermal biological guidelines and include provision for synergistic effects with radiation from terrestrial emitters such as mobile phone hand units, Wifi, smart meters, Bluetooth devices and phone masts.
4. Updates to existing and new NGSO network licences should include provision for measuring and limiting changes to the earth's atmospheric electrical field so as to ensure the safety and well-being of all ecological living systems including wildlife as well as humans, and to prevent excess global warming.