Dear Contributor,

Thank you for participating in the public consultation of the ICNIRP draft guidelines.

Please note that it is important that ICNIRP understands exactly the points that you are making. To facilitate our task and avoid misunderstandings, please:

* be concise
* be precise
* provide supporting evidence (reference to publication, etc.) if available and helpful.

**Please provide your details below as per the online form and the provision of the privacy policy**

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| --- | --- | --- |
| Last name, first name: Harrington, Enda | Email address: enda.harrington@esbi.ie | Affiliation (if relevant): ESB, Ireland |
| If you are providing these comments officially **on behalf** of an organization/company, please name this here: organization/company  |
| [x]  I hereby agree that, for the purpose of transparency, **my identity (last and first names, affiliation and organization where relevant) will be displayed** on the ICNIRP website after the consultation phase along with my comments.[ ]  I want my comments to be displayed anonymously. |

**Please complete the comments table:** Please use 1 row per comment. If required, please add extra rows to the table.

|  | **Document****(Guidelines, App A,****App B)** | **Line Number****#** | **Type of comment (General/ Technical/ Editorial)** | **Comment. Proposed change. Context.** |
| --- | --- | --- | --- | --- |
| **1** | Guidelines | 128 | General | Sentence starting on this line is not accurate and could be changed to the following:“Secondly, if the induced electric field is strong enough, it can exert electrical forces that are sufficient to stimulate nerves, and if the induced electric field is strong and brief enough, in the case of pulsed (low frequency) EMF, it can exert electrical forces that are sufficient to cause dielectric breakdown of biological membranes, as occurs during direct current (DC) electroporation (Mir, 2008).”Distinction to be made between description of EMF cause of two different effects. |
| **2** | Guidelines | 129 | Editorial | The word “daletric” is presumably incorrect.Change to “dieletric”Typing error only. |
| **3** | Guidelines | 152 | General | Equivalent incident power density **Seq** is introduced but nowhere is it defined.Define this quantity somewhere in document. All quantities used to be explained or defined. |
| **4** | Guidelines | 711 | Editorial | This note is not relevant to the table above it.Delete this note.Only notes relevant to each table to be included. |
| **5** | Guidelines | 699 | Editorial |  In this table, the item “f-0.177” is included. In the printed document, the minus sign before the power is not readable Add a space before the power so that the minus sign is visible.Otherwise will be read wrongly. |
| **6** | Appendix A | 70 | Technical |  The units for “1000 kg m-1” are incorrect. Change to “1000 kg m-3” Incorrect units used. |
| **7** | Appendix A | 158 | Technical | Following text is not accurate: “time taken from the initial temperature to reach 63% of the steady state temperature” Change to: “time taken for 63% of the temperature increase, from initial temperature to steady state temperature, to be reached”It is more accurate when stated in the modified way above. |

Add further rows if needed. For this copy the above row.

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| **8** | Appendix A | 250 | Editorial | The word “occupation” is not correct here.Change the word to “occupational”Correct use of grammar. |
| **9** | Appendix A | 677 | Editorial | The folowing text is unclear: “between the dry skin and the dry skin”.Change to intended meaning or else clarify the meaning.Needs to be understood by readers what is meant. |
| **10** | Appendix A | Various | General | The font used for many quantities is different to that used in main guidelines document with regard to boldface, italics, capitals.Standardise font across full document and appendices.Exampes of this on following lines: 28, 29, 43, 47, 53, 68, 71, 72, 80, 85, 90, 91, 92, 95, 98, 101, 102, 105, 359  |