

## Your response

Question	Your response
<p><b>Question 1: Please provide feedback on the additions, amendments and clarifications we have made to the wording of the licence condition to implement our decisions on the scope of the licence condition in our October 2020 Statement, giving reasons for your response.</b></p>	<p>The level of language/knowledge seems to be aimed at Amateur Licencees who are at or studying for the FULL licence.</p> <p>The proposal seems to think that every amateur is part of a club.</p> <p>When I took my Foundation licence earlier this year – there were no clubs where I could get to. <b>Most people on my course said there wasn't a club they could get to easily.</b></p> <p>The whole language and process is discouraging and a boundary to entrance into the hobby. It would have discouraged me and many, many others from doing the foundation level.</p>
<p><b>Question 2: Please provide feedback on the additions and clarifications to our 'Guidance on EMF Compliance and Enforcement', giving reasons for your response.</b></p>	<p>Referring to doing a Risk Assessment isn't really clear enough</p> <p>Again IN PRACTICE you are requiring this of ALL Amateur licensee holders IRRESPECTIVE of their output POWER</p> $10W \text{ EIRP} = 10 / (\text{TX power} * 1.6) = 2.84W$ <p>So almost every amateur except those whose only interest is in very low power output (well below QRP levels) – typically low power data modes IS AFFECTED</p> <p>Fine, then the language and demands need to be appropriate to the FOUNDATION LEVEL LICENCE holder.</p> <p>A lot of the language and knowledge is only touched on at INTERMEDIATE level or FULL level. So the language and knowledge gap needs to be bridged.</p> <p>This can be done in many ways with a number of worked examples for typical situations in an</p>

	<p>accompanying document for example.</p> <p>Or saying something like “(Category A Exemption) Use of a Transmitter output of upto 10W into an antenna of no more gain than 6db at distances from the public of at least 2m are exempt”</p> <p>Something like this would exempt the majority of Foundation level licencees and those who intend keeping their transmissions down to QRP (10W) levels. This would mean that they have done the calculation and as long as they fit into that category then they wouldn’t have to perform a full risk assessment.</p> <p>Some same risk assessments would be beneficial, particularly for those licencees who are:</p> <ul style="list-style-type: none"><li>* Foundation level</li><li>* Youth amateurs who don’t have a parent or guardian who is a FULL Licence amateur</li><li>* Those amateurs who are not a member of a club (because of geography or other personal reasons)</li><li>* Those who find the risk assessment process overwhelming</li></ul>
<p><b>Question 3: Please provide feedback on the trial version of our EMF calculator, giving reasons for your response.</b></p>	<p>The spreadsheet you provide wants figures inputted in EIRP – that assumes knowledge of antenna design (that could be beyond the level of the current licence holder), knowledge of feeder loss (which aren’t touched on until intermediate licence level)</p> <p>The spreadsheet should take the following entries:</p> <ul style="list-style-type: none"><li>* transmitter power setting</li><li>* feed loss (assume 0 unless amended)</li><li>* antenna gain</li><li>* duty cycle estimate (defaulting to 50% or whatever seems more statistically likely)</li></ul> <p>Then have the spreadsheet calculate the EIRP.</p> <p>Otherwise you are penalising the new foundation amateur with details he is neither aware of nor has yet to study.</p> <p>The calculator also doesn’t behave particularly well with OpenOffice.</p>

	<p>The first time I downloaded it and tried to save it the application got in a loop complaining about spreadsheet protection cells and wanting me to supply the appropriate password.</p> <p>There is no need to protect the cells</p> <p>If anyone was going to try and circumvent the protection they could easily recreate the spreadsheet without the protection of the cells. The protected cells just infuriates the user</p>