

**SHEFFORD AND DISTRICT AMATEUR RADIO SOCIETY CONSTRUCTION COMPETITION**

**GENERAL:** This competition is intended to encourage home construction, and give the opportunity to show off projects. To qualify for entry the entrant must be a member of the Shefford and District ARS, and the entry must have an amateur radio context.

Entries are assumed to be working and complete. The judges reserve the right to ask for a demonstration. An exhibit may only be entered on one occasion. ***Club projects are excluded from the competition, unless they form part of a larger entry.***

All exhibits must have a label showing the callsign or name of the entrant. A member who enters more than one item in the same category should label each entry with his callsign plus /1, /2 etc.

Members who are present on the evening do the judging; the judge's decision is final.

Paid-up members may send an entry by proxy if unable to attend. Members not in attendance may not vote. Members present may vote for their own projects.

**CATEGORIES:** There are four categories of exhibit to choose from; prizes are:

**Novice** -----Small plaque  
**Weekend Special**-----Dr. Little cup (returnable)and Small plaque  
**Kit**-----G2DPQ cup (returnable) and small plaque  
**Major Project**-----G8EMJ Shield (returnable) and small plaque

**Novice:** This category is aimed at a person having an attempt at home construction and entering this contest for the first time.

<b><i>Mechanical neatness</i></b>	<b><i>20 Points</i></b>
<b><i>Electrical neatness</i></b>	<b><i>20 Points</i></b>
<b><i>General appearance</i></b>	<b><i>20 Points</i></b>
<b><i>Novelty/Uniqueness</i></b>	<b><i>20 Points</i></b>
<b><i>Complexity</i></b>	<b><i>20 Points</i></b>

**Weekend Special:** This category is for projects which could be construction in a weekend. The exhibit should be of a type that would encourage others to make something similar. Perhaps it could be cheaper than buying from a shop, or a very useful addition to the shack. It could be novel in its' basic idea, or the way it is constructed. It could show use of bits from the junk box.

<b><i>Enclosure, including any lettering done by the builder</i></b>	<b><i>20 Points</i></b>
<b><i>Mechanical neatness</i></b>	<b><i>20 Points</i></b>
<b><i>Electrical neatness</i></b>	<b><i>20 Points</i></b>
<b><i>Novelty/Uniqueness</i></b>	<b><i>20 Points</i></b>
<b><i>Soldering</i></b>	<b><i>20 Points</i></b>

**Kit:** This category ranges from kits which are complete to projects using kit modules or commercial PCBs. Obviously you get more marks if you have to do a lot yourself.

<b><i>Enclosure, including any lettering done by the builder</i></b>	<b><i>20 Points</i></b>
<b><i>Entrant's additions/modifications/enhancements</i></b>	<b><i>20 Points</i></b>
<b><i>Complexity of construction</i></b>	<b><i>20 Points</i></b>
<b><i>Overall neatness</i></b>	<b><i>20 Points</i></b>
<b><i>Soldering</i></b>	<b><i>20 Points</i></b>

**Major Project:** Are projects which require a lot of effort and determination. This may include commercially produced PCBs. ***It is only in this Major Project category that the points must total 85 to be judged a winner, since this category is for excellence in design and construction.***

<b><i>Entrant's design effort</i></b>	<b><i>20 Points</i></b>
<b><i>Complexity of construction</i></b>	<b><i>20 Points</i></b>
<b><i>Overall neatness</i></b>	<b><i>20 Points</i></b>
<b><i>Documentation</i></b>	<b><i>20 Points</i></b>
<b><i>Soldering</i></b>	<b><i>20 Points</i></b>

**EXHIBIT ENTRY:** Judging commences at 8.15 pm, so please arrive before 8.00 pm if possible. Do not forget to label your entry. Please remove screws as necessary to enable the judges to see inside your exhibit. If you have documentation e.g. circuit diagram, place it with the exhibit. Even if you do not win, remember that others will have pleasure from viewing your exhibit. GOOD LUCK!

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***If an entry does not contain one of the key areas (e.g. a kit not needing a case, or a cat's whisker without any soldering, then half points (10) should be given in that area. The giving of ZERO points for something NOT required in a project is unfair.***

***Note: the changes in scoring have been presented in Italics.***

Approved in committee 7 Nov 2011 and Feb 2016 as rules for scoring