

SOCIETY OF MODEL AERONAUTICAL ENGINEERS LIMITED

(T/A British Model flying Association)

PROPOSAL FORM

Please use **BLOCK LETTERS** for handwritten proposals.

Indicate the appropriate Council / Board Agenda: **FULL / AREAS / TECHNICAL** (delete those which are inapplicable).

Proposals must reach the Chief Executive no later than the Monday, 26 days prior to the Council Meeting.

Use a separate sheet for long proposals or reasons and attach to this form. Refer to the notes on page 2 regarding the conditions for submitting proposals.

PROPOSAL:

That the BMFA should set up an expert group on radio systems for the control of radio-controlled aircraft, where control includes automatic control of any permitted type such as primary flight control, failsafe, gyro stabilization, autonomous path control and landing etc. The scope of the group should include telemetry, and video reception from the aircraft as well as advanced subjects such as the use of the aircraft as a mesh hub to enhance the range of communications in an emergency.

This group shall comprise of experts in current and anticipated aspects of relevant radio technology who provide a source of expert advice to the BMFA officers, staff and members. This group, which is a voluntary group, should be created from those members of the BMFA that have technical and operational knowledge of the subject matter, and have relevant professional experience or qualification. It is anticipated that this group conduct appropriate technical investigations and also provide advice to appropriate professional and standards bodies on behalf of the BMFA on matters within its scope of expertise

REASON:

Although radio technology is of vital importance to members of the BMFA in pursuit of their interest, knowledge within the body of participants is severely limited. Rules of thumb are applied and incidents attributed to radio interference without any application of appropriate measurement or the theory of radio systems technology. Much reliance is placed on the advice of the manufacturer and on the advice of Ofcom without the BMFA being in a position to contribute to or validate any findings or advice. Given the importance of radio technology to the activities that the BMFA supports, this shortcoming should be addressed through the creation of an expert body.

Experience from the field of amateur radio shows that professional level experts in the hobby are well respected by the regulatory bodies and work to mutual benefit of all parties.

ELECTED OFFICERS/BOARD MEMBER

Proposed by: _____ Post: _____ Signature of Officer/Board Member _____
Date _____

(Only sign if not submitted electronically)

TECHNICAL COMMITTEES OR THE ACHIEVEMENT SCHEME REVIEW COMMITTEE (ASRC)

Proposed by: _____ Technical Committee / ASRC (delete as appropriate)
Date of Meeting: _____ Voting Results: For: _____ Against: _____ Abstentions: _____
Date: _____ Signature of Committee Secretary / ASRC Council Member: _____

(Only sign if not submitted electronically)

AREA COMMITTEES

Proposed by: **Stewart Bryant** Club: ERFC Signature of Club Delegate _____
Seconded by: **Roger Marples** Club: CADMAC Signature of Club Delegate: _____

(Only sign if not submitted electronically)

Date of Meeting: _____ Voting Results: For: 12 Against: 2 Abstentions: 2
Date: 6/11/2024 Area: South East