

PSC #4 REV A
July 2021

Moved by: Mr. Ritz
Seconded by: Ms. McIntyre

2021 ARRL Technical Innovation Award

WHEREAS, The *ARRL Technical Innovation Award* is granted annually to the licensed radio amateur or to individuals who are licensed radio amateurs whose accomplishments and contributions are of the most exemplary nature within the framework of technical research, development and application of new ideas and future systems in the context of Amateur Radio activities; and,

WHEREAS, The ARRL's Programs and Services Committee serves as the award panel and reviews the nominations received from the members and selects the winner(s) of this award; and,

WHEREAS, Steve Haynal, KF7O has been the instrumental and the driving force behind the Hermes Lite 5W HF SDR transceiver as a fully open source hardware and software project, (even down to the tools to create the PCB), enabling the design to be fully shared and developed by other amateurs for the good of the hobby; and,

WHEREAS, Wojciech Kaczmarek, SP5WWP, developed a new digital radio communication M17 protocol for the good of amateur radio. M17 is a new open source and patent free digital radio protocol, and his goal is to provide a fully sustainable option for digital radios in the future. His project has led to development of DroidStar (an Android application) by Doug McLain, AD8DP, and the protocol has also been incorporated within other amateur radio related projects to help advance the radio art; and,

WHEREAS, Roger Clark, VK3KYY, spearheaded a successful effort to augment a low cost handheld radio so that it can be used by blind or visually impaired operators, significantly lowering the "cost of entry" for these amateurs.

THEREFORE, the ARRL Board of Directors, with the recommendation of the Programs and Services Committee does hereby bestow *2021 ARRL Technical Innovation Awards* to Steve Haynal, KF7O, Wojciech Kaczmarek, SP5WWP, and Roger Clark, VK3KYY.

Cost: Plaque fabrication less than \$100, minimal staff time for administration (award, preparation, delivery, etc.)