



**Carl R. Stevenson – WK3C**

4991 Shimerville Road

Emmaus, PA 18049-4955

610-965-8799 home/office

610-841-6180 GSM mobile

484-214-0204 FAX

<mailto:wk3c@wk3c.com>

<http://home.ptd.net/~wk3c> personal website

I ask for your support for my candidacy for Director of the ARRL Atlantic Division and your vote in the upcoming election.

In addition to being an avid Amateur Extra class amateur radio operator (active on all bands from 160m-70cm, with a wide variety of operating interests), I am President and Chief Technology Officer of WK3C Wireless LLC, a consulting firm providing services in the areas of wireless standards, regulatory affairs, and design services.

I have been involved professionally in the design and development of RF communications systems and equipment for over 35 years.

My current positions and/or memberships in Amateur Radio and radio-related industry organizations include:

- Life Member, ARRL
- Member, ARRL HSMM (HighSpeed MultiMedia Working Group appointed by ARRL leadership)
- Life Member, QCWA (Quarter Century Wireless Association)
- Member, LVARC (Lehigh Valley Amateur Radio Club)
- Executive Director, NCI (No Code International)
- Fellow, Radio Club of America (the world's oldest radio association)
- Senior Member, IEEE (Institute of Electrical and Electronics Engineers)
- Chair, IEEE 802.22 Working Group on Wireless Regional Area Networks
- Member, IEEE 802 (LAN/MAN Standards Committee) Executive Committee
- Member, IEEE-USA Committee on Communications & Information Policy

I was recently nominated by the IEEE-SA (Standards Association) Board of Governors as a candidate for a seat on that body in the upcoming IEEE elections and have been selected by the IEEE-SA as the recipient of the IEEE-SA International Award for 2005 (to be presented in December).

I have previously served as the founding Chair of the IEEE 802.18 Radio Regulatory Technical Advisory Group, Chair of the Wi-Fi Alliance Regulatory Committee (and Co-chair of its Legislative Task Force), Chair of the Bluetooth SIG Radio Workgroup, Member of the Bluetooth Architecture Review Board, and as the liaison to the International Telecommunications Union Radiocommunications Sector ("ITU-R") for the IEEE's Sector Membership. I was also a member of the US Delegation to WRC-03.

Prior to starting my own consulting firm in August of 2004, I held the position of Senior Manager, Standards and Regulatory Affairs with Agere Systems (and its predecessor, the Lucent Technologies Microelectronics Group), and earlier positions with Lucent Technologies including Member of Technical Staff, with responsibility for the design, simulation, and specification of baseband to RF chipset architectures, modulation and coding techniques, and protocols, focusing on advanced development in the area of wireless computer networking and consumer electronics devices such as cordless phones.

Over the course of my career I have served in a variety of senior level engineering and engineering management positions with a number of organizations such as the Communications Systems Research

Section at NASA/CALTECH's Jet Propulsion Laboratory, Rockwell International's Collins Radio Division, Lockheed Aircraft Company, Symbol Technologies, and U.S. Robotics (now 3Com). In the past, I have also served as a consultant to other well-known organizations, such as Hughes Aircraft Company's Space and Satellite Division, Loral Corporation, and Westinghouse, as well as a number of smaller companies.

I hold 11 patents and have several additional patent applications pending from my work.

I firmly believe that Amateur Radio needs a strong, progressive, and inclusive ARRL.

I believe that for the ARRL to meet those requirements it needs strong leadership with a firm grasp of the "bleeding edge" of technology and the regulatory environment to develop policies and educational programs that will grow our membership significantly, maintain our access to spectrum, and help Amateur Radio reverse its growing loss of the technical excellence and inventiveness for which it was known for a number of decades.

Growth and technical excellence are essential to prevent amateur radio from declining into a quaint, but essentially irrelevant, technical "backwater." Allowing this trend to continue as technology advances around us will ultimately result in significant transfers to commercial interests of the incredibly valuable spectrum allocations that we currently enjoy. This does NOT mean that I would support the banning or restriction of the use of older technologies – just that we collectively need to embrace and adopt new technologies into our "bag of tricks" and meet the goals established by [§97.1](#) of the FCC's rules "Basis and Purpose (of the Amateur Radio Service)" in order to avoid irrelevance. This MUST, of course, be done with care as operating preferences evolve and should NOT, in any event, result in the destruction of our ability to use and enjoy existing, established modes.

As a member of ARES and RACES and a former SEC, I am also convinced that growth and technical excellence are also necessary to meet another of our fundamental justifications – emergency, disaster, and public service communications. We need more people involved in these activities (and trained to be effective) and we need to be able to offer the "client" emergency management agencies the services they want and need – which increasingly means supplementing tactical voice communications with truly high speed digital communications capabilities.

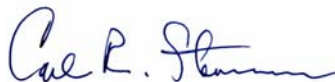
We also face threats and challenges in the areas such as, but not limited to, interference from BPL, antenna restrictions, etc. These are only exacerbated by the fact that ARRL membership only constitutes less than 25% of US licensed amateurs.

In order to respond to these challenges, we need to reach out to the 75% of US amateurs who are not ARRL members and find ways to make League membership attractive to them. We need to significantly grow our membership base, both to allow funding of necessary initiatives at reasonable cost to individual members and to gain the political clout that only numbers can bring.

The ARRL's present membership demographic, and that of the amateur population in general, is not healthy. Without intending any disrespect to the more mature members of our ranks (I'm almost 55, my hair is getting grey, too, and I'm a life member of QCWA) the ARRL membership demographic is far too heavily slanted towards older, long-time hams. To grow our membership and maintain it into the future, we need to bring in – and socialize and educate – those amateurs who are not members and we must cultivate an interest in ham radio in the youngsters who represent the future generations of amateurs.

Again, I am committed to responsively and responsibly serving the amateur community by working with the ARRL field organization officers and appointees, the remainder of the Board, and with HQ Staff to develop innovative and progressive policies to address all of these pressing problems, based on a firm knowledge of both technology and the regulatory world, and I ask for your support and your vote.

73,



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