

Why I am interested in joining the NRAC/ARNC Board:

This pivotal junction of integration of NCMs into NRAC/ARNC, is the opportune time to leverage my network with sailors of all ranks as former FCPO NAVRES (2020-23) to assist in building the membership, bolstering the numerous committees, and working with the leadership team to forge our future as an association. I have retired from my civilian employment as well as RCN so have the appropriate amount of time to dedicate to NRAC/ARNC.

Chief Petty Officer First Class (Ret'd) T.D. Kelly, MMM, CD

Chief Petty Officer 1st Class Kelly enrolled in the Canadian Armed Forces as a Naval Signalman in 1983 at HMCS BRUNSWICKER in Saint John, NB. After completion of his basic and trades training, he joined his first Minor War Vessel in 1985 as Yeoman. In 1987 he took his first staff position as an International Courier for the Canadian Patrol Frigate Program. CPO 1 Kelly left this position to serve on HMCS ALGONQUIN in 1989 on her deployment as COMSTANAVFORLANT. From this position he returned to university whilst continuing to serve the RCN in a variety of part-time capacities: CFFS Halifax; Naval Radio Station Mill Cove; Canadian Forces Recruiting Centre Saint John; Harbour Defence Units; and within CFFSQ.

As a PO 2, he was appointed Coxswain of HMCS BRUNSWICKER in July 2006. He served in this Capacity until September 2008. Later that year, CPO 1 Kelly was selected as one of only four representatives for the CAF in the role of Canada's Security and International Co-operation delegate to AESOR (Association européenne des sous-officiers de réserve). He worked with 14 countries to develop training and professional development exchange opportunities amongst the AESOR membership. In this role he attended the Senior NCO Orientation course at the NATO School in Oberammergau, Germany. Concurrently in 2008, CPO 1 Kelly assumed the role of Assistant to the NAVRES Formation CPO, both of which positions he held until being appointed as NAVRES Western Region CPO in 2011.

He was appointed as the Naval Communicator Occupational Advisor in 2012 to work through the final pieces of the training alignment within the RCN along with developing the material for the Naval Reserve Skills Competition. On promotion to CPO 1 in 2013 he became the Operations Branch NCM CPO and appointed a year later as NAVRES Atlantic Region CPO until 2018. He assumed the new position of Naval Reserve NCM Succession Planning Chief in February of 2018. In December of 2012, he was appointed as a Member of the Order of Military Merit. In July of 2020, CPO 1 Kelly was appointed to the position as Fleet Chief Naval Reserve and remained in this position until his retirement in 2023 after 40 years of loyal and dedicated service.

Outside of uniform, Todd worked for 32 years at the University of New Brunswick Physics Department ending his last 18 years as the Director of Strategic Operations (DSO) for the

Canadian High Arctic Ionospheric Network (CHAIN). CHAIN is an established world-class leader in the area of high latitude ionospheric studies with focus on two main areas: remote sensing capabilities through various instrumentation; and training of highly qualified people (HQP) for academia and industry. Working in close collaboration with industry, over the last 18 years, CHAIN has advanced unique research capabilities within the Canadian high arctic resulting in the development of numerous new technologies and ionospheric models used in space weather applications internationally. CHAIN brings approximately \$4 million in core research funding to UNB through grants and contracts annually.

The responsibilities of the DSO were varied and required a high level of autonomous planning, initiative and delivery of the strategic vision and overarching operations of the CHAIN program. The DSO led the core pre-existing CHAIN research team, spearheaded the strategic development and integration of new industrial partners and defined the future direction for the expansion of 400 new research sites coast to coast that commenced in 2020.

This position provided operational support that seamlessly worked with the science team to improve data delivery, visualization, and expand on the integration of the data products to the international science community. The major responsibilities included:

- Create and deliver the strategic plan for the expansion of CHAIN's 36 existing remote arctic stations,
- Project manage the expansion: identify funding sources; establish MOUs with 400 remote locations; installation of additional CHAIN field instruments; procure communication and data acquisition systems, and
- Provide technical support to science team, guidance and mentorship to graduate and undergraduate students throughout their research and development activities.