



# ASSOCIATION OF OLD CROWS

## 2015 AOC Election Guide

### PRESIDENT

Vote for one



#### Lisa Frugé-Cirilli

Lisa has been an active part of Electronic Warfare's (EW's) evolution over the past 18 years. She brings fresh reserves of technical EW expertise, as well as superior leadership skills to the position of the International AOC Presidency. Her outstanding contributions to both government and industry EW efforts have been rich and varied.

She is a continuing inspiration to the Dixie Crow Chapter's Scholarship and Membership initiatives. Lisa was a chairperson of this year's 40th Dixie Crow Symposium. She also currently serves as one of the International AOC's Regional Directors and is Chairperson of our national Membership Committee. Lisa was hand selected to serve as a special representative to the International AOC Strategy Planning Committee.

Lisa spent the first nine years of her government career working intra-agency policies associated with the release of critical technologies for EW and sensor programs. Lisa then left government service to join industry as a Senior Program Manager for EW programs and activities. In this highly regarded capacity, Lisa was responsible for EW program sales to both domestic and foreign customers. Lisa then joined BAE Systems in 2009 to serve as their lead Field Marketing Representative in Warner Robins, GA.

Lisa recognizes that the International AOC faces unique and unprecedented challenges in the years ahead. For the first time in several years, the office of the President is going to require a two-year commitment. She has clear ideas on how we can improve our community's understanding of the potential impact of EW and Cyber programs/activities/operations in full-spectrum operations. She also wants to renew focus on our Joint Service and coalition EW needs/synergy and interoperability priorities. Her vast government/industry experience makes her extremely well qualified to address challenges in our international AOC strategy, acquisition approach, operational support/sustainment and security areas. Finally, Lisa possesses unmatched skills for incentivizing our scholarship and membership opportunities. Lisa is widely rec-

ognized as a distinguished EW professional who has made enduring contributions to the International AOC and our national security posture.



#### Tony Lisuzzo

As a member since 1984 – nearly 31 years now – the AOC has always been an integral part of Tony's career, and he has served the AOC well as Secretary, Treasurer, Vice President and President in the Garden State Chapter, in addition to running numerous conferences and participating in several technology panels during AOC symposiums over the years. Today, Tony continues to serve the AOC as a leading member of the International Board of Directors. In 2009, he was honored and humbled to be the AOC's 2009 International Gold Medal recipient. In addition, he has received numerous commendations and awards throughout his career, including the Presidential Award and Meritorious Civilian Service Award for being one of the first organizations to institute a QRC development program and rapidly deliver EW Counter IED systems to protect our warfighters. These QRC efforts resulted in becoming Program of Record systems and provide enduring capabilities.

Tony's clearly demonstrated leadership abilities and his traits of dedication and devotion to duty, with the utmost of integrity, will prove invaluable in leading the future AOC. Tony always advocates its capabilities and technical competencies to all EW/Cyber and EMSO communities of interest. He continuously interfaces and educates these communities on the increased importance of ISR, Cyber and EW capabilities that represent a significant change in the way our coalition forces must address their operational environment. Next generation systems are emerging to form a global network that seamlessly converges commercial/military wired, wireless, optical, satellite communications, ISR and other systems into one network that supports the Internet of Things (IoT). The Department of Defense and Worldwide Ministries of Defences' collective abilities to leverage this convergence, to ensure and address

Cyber resiliency and secure Electromagnetic Spectrum (EMS) capabilities of our integrated national and Allied partners, are critical to the collective success of future operations.

More than ever, the EMS and the EW/cyber challenges need to be addressed at the highest levels of government, industry and academia partnership, and need to be the combined responsibility of our Association. Specifically working with our international colleagues and teaming together will be the ingredient for success. Tony wants to assist AOC and the community to identify areas for combined operations so the strengths of all are maximized. Tony has the experience, fortitude and communication skills to ensure that the AOC meets these challenges and focuses the future leaders of EW, ISR, EMS and Cyber. Tony is committed to carry forward and represent the honor of the AOC and its core principles and professional attributes to the overall organization. He will ensure transparency across the membership, as well as the entire community.



### Muddy Watters

The AOC, as an organization, has challenges ahead: 1) we have an aging membership; 2) we have a declining membership; 3) military budgets were sequestered, which limited participation in AOC events; 4) shrinking budgets reduce sponsor participation; 5) some chapters are struggling, and international chapters feel isolated. 6) EW, Spectrum and Cyber must all be synchronized by IO to effectively achieve spectrum dominance, and there are

misconceptions about where EW plays. As a result, historically funding has been pushed towards Cyber. So how do we as an organization address these challenges and remain a vibrant, professional organization?

I view the AOC as an organization that is here to serve its members via education, representation and inclusion. The Board of Directors serves and represents the membership, and the President's role is to: provide strong leadership to, and for, the organization; provide a vision for the organization; provide support to the members and chapters; challenge and inspire the Board to architect and implement the changes and actions required to make the AOC a respected partner and leader in the EW, Cyber, EMSO and IO communities. We need to engage young Crows involved in STEM education. We need to provide members and chapters better service and products that include education, communication and awareness of what is occurring in our stated mission areas in the Services, OSD, OGAs, COCOMs, on Capitol Hill and in Industry. We need to do a better job of providing sponsors a venue for their products and a conduit to address their issues on the Hill. We need to recruit the best and brightest to serve on the BOD and represent our community, and we need to develop and implement an education and engagement strategy that includes policymakers and Congress. We are an international organization that maintains a US focus, and this needs to change. We have opportunities for success, EW is starting to get recognized, \$2 billion of investment has been identified as a requirement to fix EW, and we as an organization can use our expertise to help develop investment strategies, change acquisition processes, improve policy decisions and support the Services and OSD. I feel I can provide the leadership, representation and vision to your AOC to make this happen.

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## AT LARGE

### Vote for two

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### Jesse "Judge" Bourque

Lt Col Jesse "Judge" Bourque, USAF (Ret.) has 25 years of experience in Joint Electromagnetic Spectrum Operations, Special Operations, Information Operations, planning, leadership, employment and strategy, including 15 years as a Special Operations Aviator. Logging nearly 3,000 hours of flight time in the AC-130H Gunship and the MC-130H Combat Talon II as a seasoned Electronic Warfare Officer, he conducted short-notice, nationally-sensitive operations and training in numerous foreign locations in over 30 nations, served on four deployed battle staffs, and flew 133 combat sorties, evolving combat tactics and operational employment while conducting partner nation engagements in

direct support of Special Operations land and aviation forces throughout his service. Of note, he succeeded as Director of Electronic Warfare for the Iraq Theater of Operations during the period of the largest decline in Coalition Force killed or wounded throughout Operation IRAQI FREEDOM. He was then by-name posted to USSTRATCOM's Joint EW Center (JEWIC) as Operations Officer, shaping the future of Spectrum Warfare across DOTMLPF/P, an effort he continues passionately to this day. Judge previously served four years on the AOC National Board, as Regional Director, EXCOM Secretary, and Chairman of the Government, Industry and Public Relations committee. He has published six articles in the JED, USSTRATCOM's IO Sphere, DoN CIO CHIPS Magazine, and Marine Corps Gazette on the topics of Spectrum Warfare, IO, Cyberspace and the increasingly critical significance of EMS Control. Today as an AECOM Director for EMS Strategies, Judge serves in the Pentagon and Crystal City as a Senior OSD Consultant, providing

expert advisory and consultation services to key DOD stakeholders across the Spectrum Operations community. He directly supports USD Policy, OSD CIO, USSTRATCOM and the Joint Electronic Warfare Center in pursuit of operationally relevant, enduring DoD level Governance for EMS Operations.



**Todd Caruso**

LtCol Todd M. Caruso, USMC (Ret.) joined the United States Marine Corps in 1989 through the Platoon Leaders Course entry program. He earned his wings as a Naval Flight Officer in November 1994 and completed follow-on aviation training as an Electronic Countermeasures Officer (ECMO) in the EA-6B Prowler. He was assigned

to Marine Tactical Electronic Warfare Squadron Two (VMAQ-2) from December 1995-June 1999 and deployed three times to Aviano Airbase, Italy, in support of Operations DECISIVE ENDEAVOR, NOBEL ANVIL and ALLIED FORCE. In June 1999, he attended Naval Postgraduate School, Monterey, CA. He was promoted to major in August of 2001 and graduated from the Naval Postgraduate School in September of 2001 with a Master of Science in Aeronautical Engineering. He deployed to Iraq with VMAQ-4 in support of Operation IRAQI FREEDOM in 2005 and to Iwakuni, Japan, in 2006. In January 2008, Todd reported to the Pentagon for duties as Electronic Warfare Coordinator, Aviation Weapons Branch, Headquarters Marine Corps Aviation. He assumed command of VMAQ-2 on 19 November 2009. He deployed to Bagram, Afghanistan, in support of Operation ENDURING FREEDOM from May to November 2010 and relinquished command of VMAQ-2 on 12 August 2011. Lieutenant Colonel Caruso retired from active duty on 1 September 2012 and joined BAE Systems, Electronic Combat Solutions division, where he works on the development of EW systems.

Lieutenant Colonel Caruso's personal awards include the Bronze Star, Meritorious Service Medal, Air Medal (15th Award with combat strike), Navy Commendation Medal and the Navy Achievement Medal.



**Bob "Oracle" Lindseth**

Col Bob Lindseth, USAF (Ret.) is an EW professional with years in the focused portals of intelligence, EW, Cyber Operations and information activities. His work has been concentrated in government, academe and the corporate worlds. His lectures in academe include instructing officers at DIA's National Intelligence University (NIU) and

American Military University, providing students with the knowledge and tools to ascertain the nature of information and emitter threats and methods to develop plans for regime change in hostile countries.

Colonel Lindseth's military assignments include both field operations and Pentagon assignments. On Joint Staff, (JCS/J2) as Deputy Director for Intelligence and Commander of the Task Force at Site-R, he led the National Security Team to successfully complete one of the most complex challenges ever undertaken by the United States. Other EW activities included Air Force Electronic Warfare Analyst in San Antonio and Chief of the ELINT Desk in the Pentagon.

Colonel Lindseth holds a BGS Degree from the University of Nebraska, (Omaha) and an MA from St. Mary's University of Texas. He is a member of Omicron Delta Epsilon, the Economics Honorary Society, The Military Officers Association of America plus many others.

Bob is currently the Past President of the Capitol Club, Association of Old Crows, the world's largest most respected authority on Information Operations and Electronic Warfare. His awards include the Department of Defense Legion of Merit, the EW Professional of the year and the Col Anton D. "Tony" Brees Lifetime Electronic Warfare Service Award.



**Gene McFalls**

Lt Col Gene McFalls, USAF (Ret.), served multiple operational tours as a B-52 Electronic Warfare Officer. He is the former F-35 Re-programming Enterprise Lead, 53d Electronic Warfare Group, Eglin AFB, FL. From 2008-2013, he served as the EW Technology Insertion Deputy, Chief, Common Avionics Branch, and Deputy Director, EW &

Avionics Division, at Robins AFB, GA.

In 2011, he served as Chief, Electronic Warfare Coordination Cell, US Forces-Iraq. Under his leadership, the unit received the 2011 AOC Outstanding Army Unit Award. He has been an Electronic Warfare Instructor at the USAF EW School, B-52 Formal Training Unit, NATO School SHAPE, and the UK Air Warfare Center. He served as the USAF Electronic Warfare Advisory Group Secretariat Lead, EW advisor to the USAF Scientific Advisory Board and was a principal author of the USAF EV 2030 EW Roadmap.

He has been an active AOC Symposium presenter and panel member and received the 2012 AOC NATO Service Award.



**Clay Ogden**

Clay will apply his EW experiences and knowledge to help the AOC accomplish its organizational goals of raising awareness of existing and potential EW solutions to the nation's military problems as appropriate. EW is little understood as a force multiplier as he has witnessed since the mid-1990s. Clay's experience on the

Army Staff and his previous experiences in the Marines con-

ducting airborne EW give him a unique perspective on the EW capabilities required to support US and allied land forces. His perspective, insight into DOD operations and ability to communicate how EW directly benefits the warfighter as a force multiplier will enable him to effectively execute the duties of At Large Director.



### Steve "Tango" Tourangeau

Steve "Tango" Tourangeau, (USAF Ret) serves as Vice President of the Kittyhawk Chapter and is supporting the International AOC Board as a member of both the Awards and Communications committees. His membership in AOC spans almost 30 years, spawned by his assignment as an F-4 EWO in 1985. At EWO school he earned

the DO Trophy, graduating top in his class, and nourishing the value of EW to the warfighter. Tango's recognized EW expertise led to his selection as wing project officer and test navigator/EWO for Airlift Defensive Systems and Special Operations EW

modifications to the C-141 fleet. Following that assignment, he transitioned to the 33d Flight Test Squadron as Air Mobility Command's EW flight test director.

Upon retirement in 2004, Tango took a position with MacAulay Brown, serving eight years as Director of EW Programs. There, he influenced and shaped compelling EW/EMS trends for HQ USAF, MAJCOMs and Air Force Materiel Command. Tango is currently managing business development for BAE Systems with the research, development, and acquisition communities at Wright Patterson AFB.

With operational experience at the tactical, operational and strategic levels and in the development, acquisition and testing of EW technologies, Tango has a unique perspective on the entirety of EMS capabilities necessary to support the current and future warfighter. As an AOC International Board member, Tango will continue to champion the criticality of EMS Operations in future conflicts and advocate for necessary capabilities for our warfighters. By improving communication, collaboration and coordination with all chapters and the general membership, the AOC will have tremendous influence on our future warfighters' ability to dominate the EMS.

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## AOC REGIONAL DIRECTORS

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### CENTRAL REGION

Vote for one

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### Joe Koesters

Joe Koesters has been an engineer and manager for the Air Force Research Laboratory Sensors Directorate for more than 28 years (24 in EW). Throughout his government career, he has served various assignments as engineer, program manager, technical advisor and branch chief. A Crow since 1986, he is currently the technical

advisor for the RF Spectrum Warfare branch. In previous assignments, Joe has also led infrared expendable and countermeasure programs.

Joe has been the Central Region Director for the past three years and Treasurer for the past two years. Previously, he has served 13 years on the Kittyhawk AOC Board, including three years as Vice President and four year as President. Joe has also

chaired sessions for the AOC International Symposium and Kittyhawk Week technical symposium.

In addition to his AOC work, Joe has extensive experience working with and leading various Tri-Service and international teams. He participates in the advocacy of EW programs to ASDR&E, working with government and industry to clarify EW plans/goals to leadership. In one of his past jobs, he has also led a 15-person international team spanning five nations in the development of EO/IR EW solutions.

Joe has enjoyed serving the AOC for the past three years and would like the opportunity to continue serving another term. In the past three years, he has helped ensure the AOC is in a strong financial position moving into the future, and he has worked with the Membership Committee to ensure Central Region chapters are represented in discussions. His goals for a second term are to look for ways to assist chapters in new member recruitment, and to look for more ways to offer affordable, detailed educational materials to AOC members.

## MID-ATLANTIC REGION

Vote for one



### Tim Freeman

Col Tim Freeman, USAF (Ret.), first joined the AOC Kittyhawk Chapter in 1985 while stationed at Wright-Patterson AFB. He has led the development of the integrated EW system for the F-22, and was instrumental in a huge modernization effort for AFEWES and REDCAP. While stationed at Edwards AFB, Tim led the flight test and development efforts for the then-classified ALE-40, as well as a number of still classified EW capabilities across a number of tactical and strategic weapon systems.

In the mid 1990s, while stationed at the Pentagon, Tim led the charge to create much needed additional funding for EW modeling and simulation programs. In the late 1990s, he diligently worked through the safety restrictions to allow for live-fire IRCM testing to be done at the Holloman High Speed Test Track, where he was the commander. Later, while stationed at the White House to support the "Drug Czar," he used his knowledge of EW to support and inform policy decisions in support of down-range operations.

In the mid 2000s, as the deputy for verification and test in the JSF JPO, Tim led the test planning for the F-35, including all the vulnerability and effectiveness testing. In the late 2000s, he led the Air Force EW Sustainment Group at Robins AFB, GA, and created the Air Force EW Life Cycle Management Group. While there he drew the entire Air Force EW community together to focus priorities and successfully led the charge to get full funding for the Top 5 EW priorities in 2007 and again in 2008.

Tim now leads Raytheon's tactical ISR programs, including AF DCGS a and U-2 RAS-1R system.



### Jim Pryor

Jim "Hook" Pryor is the Director of Advanced Systems Development for L-3 Unmanned Systems, a division of L-3 Communications. Jim retired from the US Air Force in July 2014 as the Director of the Electronic & Cyber Warfare Requirements Division, Headquarters, USAF, Pentagon. Jim graduated from Texas Tech University and received his commission in 1987. He is an aviator with extensive experience as a B-1B WSO and was the first EW from Undergraduate Navigator training to go direct to the B-1. Additionally, he is a graduate of the USAF Weapons School and was an AFCENT planner and B-1 squadron commander. Jim retired as a Master Navigator with over 3,000 hours and more than 400 combat hours.

Candidate statement: "Hack the clock"...during my initial flight training, many years ago, this was the first step in an emergency procedure. The point made to the young aviators was that you should understand the problem before you acted; gain an awareness of the environment around you, then act to correct the system. The clock is running, the time to think is over and now is the time to act. We understand the relationship EW has in today's world and where the entire EW enterprise must go to reassert dominance in the Spectrum. Now, the AOC needs to drive the non-partisan agenda to ensure that EW doctrine, acquisition, manning, training, execution and assessment are at the forefront of the discussion. It is a momentous task; the AOC has the people to solve the problems.

the *USS Abraham Lincoln*. Darin transitioned to the EA-6B and received orders to VX-9. As an Operational Test Director, Darin was the HARM Project Officer on the HARM Block IIIA/V and HARM Block VI programs. He also participated in operational testing to support the introduction of the UEU, Band 9/10 transmitter and Block 89A. As a Naval Reservist, he served as OIC of NR MOCC EPAC 0176, as an IO Planner with NR NIOC San Diego and as a staff planner with NR CNFK HQ. He retired in July 2009.

Since leaving active duty, Darin has worked in the Electronic Warfare Data Systems (EWDS) lab as a sensor engineer

## PACIFIC REGION

Vote for one



### Darin Nielsen

Darin Nielsen received his commission through NROTC in June 1989 at the University of Utah. He received his Naval Flight Officer wings in July 1992. He completed Replacement Bombardier/Navigator training at VA-128, upon which he received his orders to the Green Lizards of VA-95. He completed two cruises with CVW-11 aboard

supporting reprogramming requirements for the ALQ-99 and ALQ-218; was a principal designer of the ETIRMS NG, which eventually became the basis for the ETIRMS UPC; and was the ICAP II Block III Assistant Block Lead and Software Project Manager for the OFP development at the EA-6B WSSA.

From 2005-2013, he worked as part of the Jammer Technique Optimization (JATO) Fleet Liaison Team, supporting EA technique testing and development, and technical TTP documentation. Darin is currently Engility's Business Director for NAWCWD Programs.

## Campaign Rules

Campaigning or electioneering on behalf of any candidate for AOC International office, with or without their knowledge or consent, is prohibited.

## 2015 On-Line Voting Instructions

Beginning July 1, you can visit the AOC homepage, [www.crows.org](http://www.crows.org), where you will see election information and a link to [electionsonline.us](http://electionsonline.us), the independent vendor that will conduct the on-line election. Once connected to the [electionsonline.us](http://electionsonline.us) website, type in your AOC member number and password. The website will direct you to your ballot, where you can make your selections. If you have not logged on to the AOC website before, you need to use your membership number and "crows" as the password. Your membership number can be found on the mailing label of your copy of *JED*, your membership card or you may call AOC headquarters for assistance.

Your dues must be current as of June 20 in order to vote. As with past AOC elections, your ballot is secret.

[electionsonline.us](http://electionsonline.us) will hold all completed ballots, tabulate them and send the results to the AOC when the election is complete. Once you have cast your on-line vote, [electionsonline.us](http://electionsonline.us) will send you an e-mail confirming that they have received your completed ballot.

### PAPER BALLOTS

For those AOC members who do not want to vote on-line, the AOC has provided a paper ballot below. Members may cut out the paper ballot, mark it – including your member number (available on the front label of your *JED* and your name and contact information) – and mail it back to the AOC. **Paper ballots must be postmarked no later than July 31, 2015.**

## 2015 AOC Election Ballot

**Ballots must be postmarked by July 31, 2015.**

Name \_\_\_\_\_ AOC Member Number \_\_\_\_\_

E-mail address \_\_\_\_\_

### AOC President (vote for one)

- Lisa Frugé-Cirilli
- Tony Lisuzzo
- Muddy Watters

### At Large Directors (vote for two)

- Jesse "Judge" Bourque
- Todd Caruso
- Bob "Oracle" Lindseth
- Gene McFalls
- Clay Ogden
- Stephen "Tango" Tourangeau

### AOC Regional Directors (vote for one in each region)

#### Central Region

- Joe Koesters

#### Mid-Atlantic Region

- Tim Freeman
- Jim Pryor

#### Pacific Region

- Darin Nielsen

