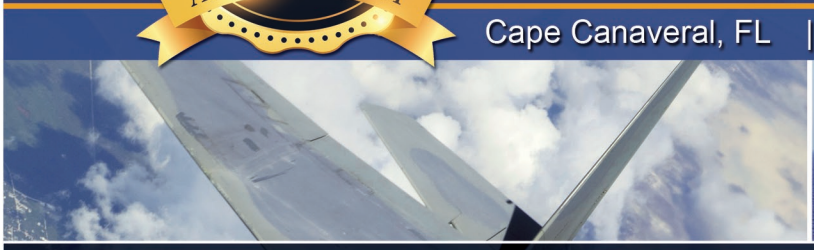
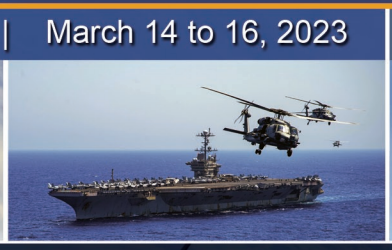
cqsdi

30th ANNIVERSARY

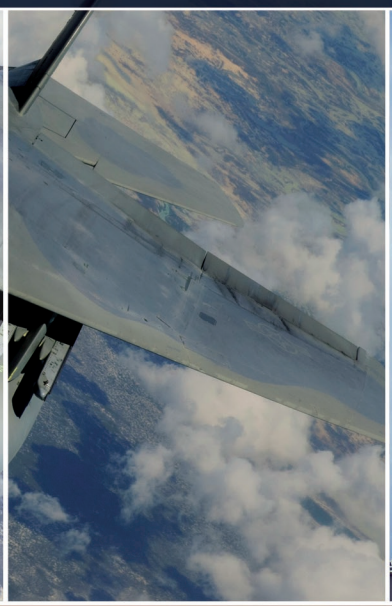
CQSDI / Collaboration on Quality in the Space and Defense Industries Forum

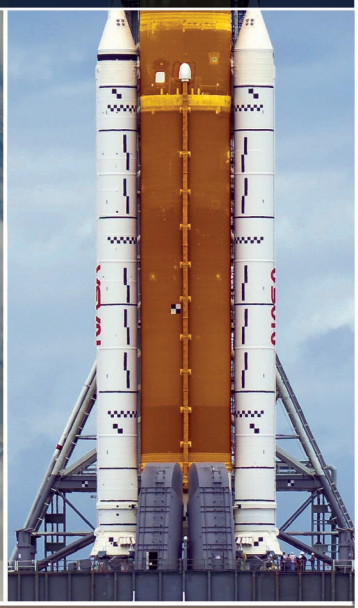
Cape Canaveral, FL | March 14 to 16, 2023

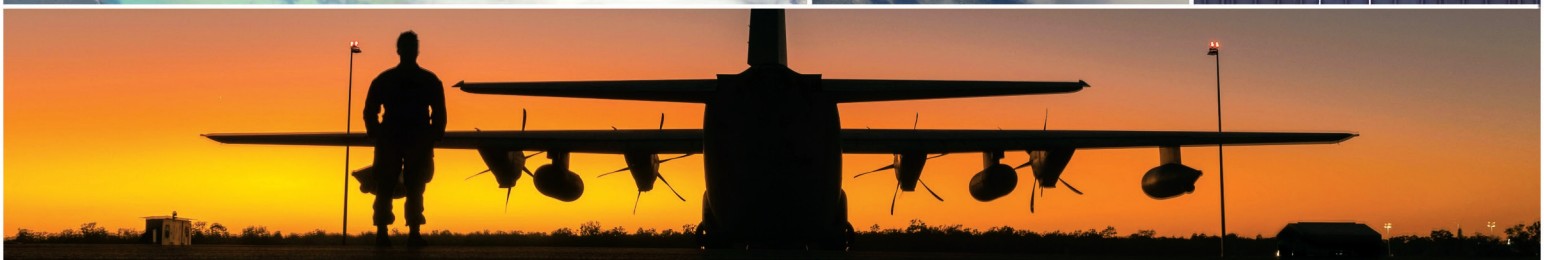




Quality's New Norm: Agility, Adaptability, and Transformation.
...Quality Professionals' Keys to Success.







NASA

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DEFENSE CONTRACT MANAGEMENT AGENCY DEPARTMENT OF DEFENSE

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ASQ

Aviation, Space & Defense Division
Excellence Through Quality™

Quality's New Norm: Agility, Adaptability, and Transformation.
…Quality Professionals' Keys to Success.

March 14-16, 2023 | Radisson at the Port
8701 Astronaut Boulevard, Cape Canaveral, FL
800-333-3333 or 321-784-0000

Sponsored by the
ASQ Aviation, Space & Defense Division

Supported by the
National Aeronautics and Space Administration (NASA), the Department of Defense (DoD), the Missile Defense Agency (MDA), and the Defense Contract Management Agency (DCMA)

This forum will be your most important and rewarding professional experience for 2023! It includes keynote and featured speakers, panel presentations, and workshops. Government and industry leaders will discuss the latest policies and practices that will directly affect your organization.

Format for 2023 includes different training/workshops in parallel with the panels. All participants will be able to attend the keynote and featured speakers, but for the workshops, attendees would need to select either a panel discussion or the parallel training session, as they are concurrent sessions.

Re-certification Credits from ASQ will be issued for this event. Please save a copy of your attendee badge as proof of attendance.

Aviation, Space & Defense Division
ASQ Excellence Through Quality™

Committee

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Bob Bodemuller, Lockheed Martin
Don Brandl, NASA Safety Center
Chris Brust, DCMA
David Campbell, NASA GSFC
Stephen Cassman, Lockheed Martin
Olga Ceritelli, SMQC
Belinda Chavez, KBR
Pete Checklick, NASA Kennedy Space Center
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Michael Kelly, NASA Safety Center
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Alexander Lule, Northrop Grumman
Fred Martin, Lockheed Martin (ASD Past Div. Chair, ASQE Board of Directors)
Edmond S. Mitchell, Johns Hopkins, Applied Physics Lab.
Gerard Pearce, SQA Services
Amy Peters, Northrop Grumman
Mike Phelan, DCMA
Jeannette Plante, NASA HQ (NASA Co-Chair)
Rob Pollard, Ball Aerospace
Rick Roelecke, Ball Aerospace
Amber Rowson, SMQC
Michael Shields, DCMA (Gov. Co-Chair)
Mike Swenson, ASD/CQSDI Past Chair
Brian J. Tenney, Lockheed Martin Aeronautics
James Wade, Engineering & Mission Assurance Leader
Nicole Wendt, Northrop Grumman

Welcome to the 2023 CQSDI

Message from the Chair

Phil Montag
VP, Human Performance and Research Division, KBR (ASD/CQSDI Chair)

I'm privileged to welcome all of you to our 30th annual 2023 CQSDI! Yes, it's been 30 years, and I have been fortunate to be engaged with this event for the past 20 years of those 30! Looking back, it's hard to believe how many changes we have all experienced attending this forum. We have made new friends and lost dear colleagues. We have discussed hot topics like FOD, tin whiskers, counterfeit parts, cyber security, supplier ratings, and additive manufacturing to name a few. We have experienced great speakers, including NASA Center Directors, a SVP of Boeing, and with our partnership with the NASA Quality Leadership Forum, a live presentation by Capt. Sully Sullenberger. And let's not forget the great presentations by people outside of our industry. Presentations by United Airlines, Disney, AMGEN Phamar, Healthcare professionals, and Southwest Airlines, who all gave us a perspective on similar challenges and solutions in their industries. It continues to be a great forum for all of us.

I'm happy to say that our 2023 program follows in these same footsteps. "Quality's New Norm: Agility, Adaptability, and Transformation. …Quality Professionals' Keys to Success". We have all heard the phrase "the only constant is change", and this year's program aligns with addressing that core tenant of our work and personal lives. Our teams need to be constantly Agile, being able to Adapt to changes in culture, technology, and work models, as the way we get work done sometimes requires a transformation from old paradigms to new. In the world of Quality professionals, the talent and skills needed are ever changing along with the culture of the workforce meeting new challenges. This forum, and the content within, is designed to continue to bring together a mix of seasoned quality leaders and emerging quality professionals. We will engage face to face and learn from each other with a program that covers a variety of subjects.

I sincerely appreciate all of you who have made the trip to participate in person. I believe our two and a half day program will provide valuable information for you and your colleagues, and an opportunity to connect with old friends and make some new ones. We are all in this together! As I said earlier, this year marks the 30th CQSDI event, and, as always, our intention is to provide a forum for leaders and professionals across our dynamic work environments to collaborate and learn how your colleagues are adapting to the challenges we are all facing. I am most fortunate to have a strong committee of professionals supporting me to make this event happen. Take a moment to look at the back cover of this program to see the exceptional members of our CQSDI Planning Committee. If you have any questions, feel free to ask them or provide direct feedback on your experience. We continue to incorporate your feedback into this event and look forward to receiving your feedback over the next two and a half days.

Please take a moment to familiarize yourself with this program, including the keynote and featured speakers and the concurrent panels and training/ workshop venues. And my sincere thanks to you all for your participation.

7:00 - 8:00 am **Registration/Continental Breakfast**

8:00 - 8:15 am **Welcome and Opening Remarks**
Jerri Ji, Sterling Quality Management, (ASQ-ASD Chair)
Phil Montag, VP, Human Performance and Research Division, KBR, (ASD/CQSDI Chair)

8:15 - 8:45 am **Keynote Speaker: Willie Lyles,** Director of Safety and Mission Assurance Directorate, NASA JSC

8:45 - 9:15 am **Featured Speaker: Brian Kubik,** VP of Quality and Mission Success, Missiles and Fire Control, Lockheed Martin

9:15 - 9:30 am **Break**

9:30 - 11:45 am **Session 1** *(Attend Panel or Training/Workshop)*

- **Session 1 Panel**
  Making the Case for Early Engagement of Quality in Program Lifecycle

  Jeannette Plante, NASA Technical Fellow for Quality Engineering, NASA HQ
  Derek Garcia, Technical Group Supervisor, Procurement Quality Assurance, NASA JPL
  Pamela Carvell, Sr. Manager, Inspection Readiness Site Support, Pfizer

- **Session 1 Training/Workshop**
  Supplier Evaluation - Basics to Hidden Secrets

  Ed Mitchell, Assistant Group Supervisor, Space Mission Assurance, John Hopkins, Applied Physics Laboratory
  Bruce Netherton, Supply Chain Manager, Lockheed Martin
  Richard Bandy, Principal Supply Chain Engineer, Ball Aerospace
  Will Conn, Sr. Supply Chain Quality Lead, NASA GSFC

11:45 - 1:00 pm **Lunch**

1:00 - 1:30 pm **Luncheon Keynote Speaker: Timothy R. McRae, SES,** Program Director for GMD, MDA

1:30 - 1:45 pm **Transition to General Session**

1:45 - 2:15 pm **Featured Speaker: Wayne Monteith,** President and General Manager of National Aerospace Solutions, LLC

2:15 - 2:30 pm **Break**

2:30 - 4:45 pm **Session 2** *(Attend Panel or Training/Workshop)*

- **Session 2 Panel**
  Keeping Up with Supply Chain Risk Management

  Greg Schlegel, Founder, The Supply Chain Risk Management Consortium
  Mike Kahler, Principal Supply Chain Engineer, Ball Aerospace
  Kanitra Tyler, Supply Chain Risk Management Service Element Lead, NASA

- **Session 2 Training/Workshop**
  Successful Strategies to Enable a Quality Culture

  Kim Withers, Principal Director, People and Organization Development, The Aerospace Corp.
  James Wade, Engineering and Mission Assurance Leader

5:00 - 7:00 pm **Networking Reception Sponsored by:**
ASQ Aviation, Space & Defense Division
Northrop Grumman
Nova Southeastern University (NSU)

Day 2 - Wednesday March 15 cqsdi

7:00 - 8:00 am **Registration/Continental Breakfast**

8:00 - 8:15 am **Welcome and Opening Remarks**
Phil Montag, VP, Human Performance and Research Division, KBR, (ASD/CQSDI Chair)

8:15 - 8:45 am **Keynote Speaker: Michele Miller,** VP of Security and Mission Assurance, Ball Aerospace

8:45 - 9:15 am **Featured Speaker: Chris DeLuca,** Director for Specialty Engineering, DoD Office of the Executive Director for Systems Engineering and Architecture

9:15 - 9:30 am **Break**

9:30 - 11:45 am **Session 3** *(Attend Panel or Training/Workshop)*

- **Session 3 Panel**
  Industry Associations and Their Role in the QA Universe

  Craig Bennett, Chair, Joint Strategic Quality Council, DCMA HQ and NASA SME
  Ann Jordan, CEO, ASQ
  Susie Neal, IAQG Sponsor and DCMA Industry Focal
  Rick Roelecke, Sr. Engineering Manager, Ball Aerospace
  Gery Mras, Director, Lifecycle Management, Aerospace Industries Association

- **Session 3 Training/Workshop**
  Audit Best Practices, Defect Trends and Corrective Action Tips

  Fred Martin, Supplier Quality Manager, Lockheed Martin
  Maytelin Herrera-Batista, Staff Quality Auditor, Lockheed Martin

11:45 - 1:00 pm **Lunch**

1:00 - 1:30 pm **Luncheon Keynote Speaker: Mark Bontrager,** Technical Director, Launch and Range Operations, Space Systems Command, U.S. Space Force

1:30 - 1:45 pm **Transition to General Session**

1:45 - 2:15 pm **Featured Speaker: Gina Woullard,** VP, Mission Assurance, Aeronautics Systems, Northrop Grumman

2:15 - 2:30 pm **Break**

2:30 - 4:00 pm **Session 4 Special Topics** *(Attend Panel)*

- **Session 4 Panel 1**
  Challenges with Retention and Recruitment of the QA Workforce

  Bill Harris, Chief, Safety, Quality and Mission Assurance, MDA GMD
  Mike Kelly, Chief, Technical Excellence Office, NASA Safety Center
  John O'Donnell, Manager of QA, JPL

- **Session 4 Panel 2**
  New/Young Quality Professionals

  Ashley Chonko, GBI QE Lead, Boeing GMD
  Jayson DeNovellis, MDCDP Participant, MDA/BCQ
  Victoria Poitier, S&MA Aerospace Engineer, NASA KSC

4:00 - 4:15 pm **Wrap-Up**

Day 3 - Thursday March 16 cqsdi

7:00 - 8:00 am **Registration/Continental Breakfast**

8:00 - 8:15 am **Welcome and Opening Remarks**
Phil Montag, VP, Human Performance and Research Division, KBR, (ASD/CQSDI Chair)

8:15 - 8:45 am **Keynote Speaker: Janet Sellars,** Director of HR, NASA Kennedy Space Center

8:45 - 9:15 am **Keynote Speaker: Michael Shields,** Executive Director, Quality Assurance, DCMA

9:15 - 9:30 am **Break**

9:30 - 11:45 am **Session 5 Special Topics** *(Attend Panel)*

- **Session 5 Panel**
  A Quality Mindset for Cybersecurity Challenges

  Ron A. Davis, Chief Information Security Officer, Huntington Ingalls Industries
  Noble Dean, Director of Governance, Risk and Compliance, L3Harris Technologies
  Jacob Horne, Chief Security Evangelist, Summit 7

11:45 - 12:00 pm **Wrap-Up / Closing Remarks**
Phil Montag, VP, Human Performance and Research Division, KBR, (ASD/CQSDI Chair)

8:00 - 8:15 am

Welcome & Opening Remarks

Jerri Ji, President, Sterling Quality Management (ASQ-ASD Chair)

Phil Montag, VP, Human Performance and Research Division, (ASD/CQSDI Chair)

8:15 - 8:45 am

Keynote Speaker

Willie Lyles
Director of Safety and Mission Assurance (S&MA), NASA Johnson Space Center (JSC)

Mr. Willie J. Lyles is the Director of S&MA for NASA JSC. He directs the S&MA activities for all human space flight programs and projects assigned to JSC, including the International Space Station (ISS), Commercial Crew, Orion, Gateway and other space exploration programs.

Mr. Lyles has over 30 years of experience at JSC in Human Space Flight. He began his career in aerospace at Lockheed Martin as a Project Engineer for diagnostic equipment used on the ISS. In 1994, he began his NASA career in the ISS Vehicle Office leading test and verification activities. He was responsible for developing the test program for multiple ISS elements. He further expanded his technical knowledge in hardware design, development, integration, test and certification as an ISS Element Manager.

Since that time, Mr. Lyles has held a wide variety of leadership positions, including the Manager of the Element Integration Office for ISS where he led the efforts to develop, test, integrate and sustain elements and distributed systems for the ISS; the Deputy Division Chief for the ISS Avionics and Software Office where he managed the communication and command of all computing systems critical to the operation of ISS systems; and the Division Chief for the ISS Safety Office responsible for the safe integration and operation of the ISS. He was responsible for developing and implementing the capability to independently analyze and assess the safety, reliability, maintainability and quality assurance aspects for all systems and payloads used on the ISS.

Mr. Lyles earned a Bachelor of Science degree from Rice University in Electrical Engineering and from Texas Southern University in Physics. He is a passionate promoter of science, technology, engineering, and math (STEM) and takes a personal interest in helping young people in their development. He serves as a mentor inside and outside of NASA. He has received two NASA Outstanding Leadership Medals and a NASA Exceptional Service Medal.

8:45 - 9:15 am

Featured Speaker

Brian Kubik
VP of Quality and Mission Success, Missiles and Fire Control, Lockheed Martin

Mr. Brian Kubik is currently the Vice President of Quality and Mission Success at Lockheed Martin Missiles and Fire Control (MFC) located in Dallas, TX. He is responsible for all aspects of Quality including process compliance, adherence to the quality management system, and product conformance to requirements.

Prior to this role, Mr. Kubik served as the Vice President of Global Supply Chain for MFC from 2018 to 2022 where he was responsible for the procurement of all products and services required to execute the MFC Business Area. MFC is one of the four Business Areas that make up Lockheed Martin.

Mr. Kubik has more than 37 years of experience in various roles within Operations and Program Management at Lockheed Martin and has worked at five different Lockheed Martin sites. His past roles include Director of Manufacturing Operations for the Integrated Air and Missile Defense line of business in Dallas, TX, Director of Production Operations in Orlando, FL, and General Manager of Lockheed Martin Santa Barbara Focal Plane in Santa Barbara, CA.

Mr. Kubik began his career as a Test Engineer with Martin Marietta in Orlando after graduating with an Electrical Engineering degree from LeTourneau University in Longview, TX.

9:30 - 11:45 am

SESSION 1 PANEL
Making the Case for Early Engagement of Quality in Program Lifecycle

Abstract: Quality assurance activities are essential to provide confidence that a product or service will fulfill requirements. However, many program leads underestimate the importance and value of early QA involvement in the program life cycle; they often engage quality engineers only in the product integration and testing phases. This panel will present the newest NASA Quality Policy on quality requirements and actions that can be used in the earliest program lifecycle stages and share best practices on how early engagement of quality can significantly improve program performance and overall success.

Session Manager/Panel Moderator

Jerri Ji
President,
Sterling Quality Management

Ms. Jerri Ji is the President of Sterling Quality Management. She has more than 25 years of experience in aviation, space, and defense industries through various roles as Program Manager, Engineering Manager and Quality Assurance Manager. She has received multiple NASA Achievement Awards and other recognitions for her efforts in Mars exploration missions.

Ms. Ji currently works with the Jet Propulsion Laboratory's Quality Assurance section on data driven supplier analysis and requirement compliance assessment to support flight contract risk mitigations, and provides quality assurance expertise for space programs, including the Mars Sample Return mission.

Ms. Ji holds a Master's Degree of Engineering and a Bachelor's Degree of Science. She is an ASQ certified Quality Auditor and Six Sigma Black Belt. She has been an active ASQ volunteer member leader and currently serves as the Chair of the ASQ Aviation, Space and Defense Division.

Session 1 Panelist - 1
Quality Tasks on the Left Side of the Systems Engineering V

Abstract (Jeannette Plante): NASA's quality policy has evolved since its beginnings in the 1960s. While foundational concepts of workmanship controls, requirements flow-down, and involvement across the full production lifecycle remain, NASA's understanding of the full program/project lifecycle has expanded. Early quality assurance policies focused on procurement and on government contract oversight. Current practices require safety and mission assurance organizations to engage in even earlier project activities where the mission's concept is determined, systems criticality is debated, and risk trades are made. Quality Assurance professionals working on NASA projects play a significant role in risk leadership and must understand the mission success context, and design, technology and supply chain risks early on in order to acquire the insights that are used to focus quality assurance activities on priority areas.

Jeannette Plante
NASA Technical Fellow for Quality Engineering Mission Assurance Standards and Capabilities Division, Office of Safety and Mission Assurance, NASA Headquarters

Ms. Jeannette Plante is the Quality Engineering Technical Fellow for the Office of Safety and Mission Assurance at NASA Headquarters. Prior to her assignment at NASA HQ, she was the Division Chief for Quality, Reliability, Software Assurance, and Ground Systems at the NASA Goddard Space Flight Center as well as the Program Manager for Workmanship quality. Her work supporting flight projects was in electronic parts and packaging engineering. She is the recipient of ten NASA Center and Agency awards including NASA's Exceptional Service Medal. She received her Bachelor of Electrical Engineering from The Catholic University of America in Washington, DC.

Session 1 Panelist - 2
A Proactive Approach to How QA Can Help Improve the Performance of your Flight Subcontract

Abstract (Derek Garcia): JPL's Procurement Quality Assurance (PQA) team has expanded their involvement into flight subcontracts by providing PQA Subject Matter Expert support early in the flight subcontract life-cycle. These efforts are aimed at improving flight subcontract quality performance and overall flight subcontract success through: 1) enhanced data driven decision making and supplier risk identification through a new PQA capability called Supplier Intelligence Reporting, 2) improved supplier risk mitigation through active PQA involvement in flight Subcontract Pre-Release Reviews to assure that proper Quality related contract requirements are flowed down and 3) helping to evaluate supplier capabilities and/or gaps in satisfying Quality related subcontract requirements early in the contracting process through PQA Contract Assessments.

Derek Garcia
Technical Group Supervisor, Procurement Quality Assurance, Office of Safety and Mission Success, Jet Propulsion Laboratory

Mr. Derek Garcia is the Procurement Quality Assurance Technical Group Supervisor for the Office of Safety and Mission Success at the Jet Propulsion Laboratory (JPL) in Pasadena, CA.

Prior to his role at JPL, Mr. Garcia served as the Division Supplier Quality Engineering Manager and Site Principal Engineer at Northrop Grumman Innovation Systems (formerly Orbital ATK Space Systems) as well as various supplier quality engineering roles at MAXAR (formerly Space Systems/Loral).

In his free time, Mr. Garcia enjoys rebuilding vintage bicycles, coaching his son's soccer team of rambunctious 9 year old boys and presenting at conferences in Florida's Space Coast.

Mr. Garcia received his Bachelor of Industrial Engineering from the California Polytechnic State University in San Luis Obispo, CA.

Session 1 Panelist - 3
Is There Such a Thing as "It's Too Early to Get Quality Involved"?

Abstract (Pamela Carvell): In the pharmaceutical industry the quality department is involved from start to finish of most processes. During this session, examples will be presented of different parts of the processes in which quality is involved and why. There are many aspects to consider not just compliance but risk as well, from the selection of materials and suppliers to testing final product intended for patients, the quality department can have many roles and responsibilities.

For pharmaceuticals, the extent to which the quality unit is involved has developed through the years, depending on regulations and patient needs. Companies need to adapt to ever changing needs as demonstrated in the recent pandemic. The speed at which things change in today's world makes the quality unit's job even more challenging, and remains just as important. "It is never too early to get the quality unit involved."

Pamela Carvell
Sr. Manager, Inspection Readiness Site Support,
PGS Global Quality Operations, Pfizer

Ms. Pam Carvell is a Sr. Manager for Inspection Readiness Site Support for Pfizer, Inc. She is responsible for assisting Pfizer facilities prepare for Board of Health inspections. This includes facilitating periodic calls to discuss past experiences and concerns, performing Pre-Approval Inspections, performing role plays with site subject matter experts, and connect sites with any company resources they may need to work towards a successful outcome. She has been part of a Quality group for 24 years. She has held roles that include but are not limited to being a Quality Engineer responsible for investigations, representing Quality for Due Diligence audits, and a Quality Auditor for internal and external audits.

Ms. Carvell is currently the Chair of the Customer-Supplier Division for ASQ and has held many officer positions within the ASQ Technical Community. She is a Certified Quality Auditor and has been an instructor for an ASQ Supplier Auditing course. She is also a member of the American Business Women's Association where she has held several positions, including National Vice President. She graduated from Shippensburg University with a B.S. in Chemistry.

9:30 - 11:45 am

SESSION 1 TRAINING/WORKSHOP
Supplier Evaluation - Basics to Hidden Secrets

Abstract: The purpose of this workshop is to provide a Knowledge Sharing session as information-sharing amongst the entire audience and our guest panel will provide an opportunity for all QA/QE professionals to discuss a variety of topics in key mission assurance areas. The focus of this year's workshop is Supplier Evaluation. The conversations can take us anywhere with regard to dealing with the Aerospace or Defense supplier base. Attendees are highly encouraged to ask questions and participate in an interactive dialogue with the discussion leaders and the workshop attendees. Topics may vary but will include the different approaches to supplier evaluation, common findings or concerns, and how risk assessment should be included when evaluating suppliers. Our goal in this workshop is to create an opportunity for collaboration through the use of a facilitated discussion, where we can accelerate learning using "quick hits" on timely, topical issues and opportunities and to provide the attendees with "takeaways" learned from the panel and other participants in this workshop. It should be noted that this is strictly a collaborative discussion format with very little to no charts from the panels/presenters. Presentation materials during this workshop will be used to spark open forum discussions in various areas under the umbrella of Supplier Evaluation so please be prepared to actively participate along with your peers.

Ed Mitchell
Assistant Group Supervisor,
Space Mission Assurance,
John Hopkins, Applied Physics Laboratory

Mr. Ed Mitchell is the Assistant Group Supervisor of the Space Mission Assurance at JHU Applied Physics Laboratory. He is responsible for ensuring the safety, quality, and reliability for spacecraft and science instrument projects. He is also responsible for Supplier Quality Management for the Space Sector and ESD Program Management for the entire laboratory.

Mr. Mitchell has over 30 years of experience in manufacturing, inspection, and mission assurance gained from a background in machining and mechanical parts inspection, quality management, and quality engineering of mechanical, electronic, and electromechanical devices. He is an accomplished project manager with extensive experience on NASA programs, and has been responsible for all elements of mission success including financial performance, staffing, and task goal achievement. For the past 10+ years, he has applied this expertise to developing process improvements for mission assurance – especially subcontractor support processes. In addition, he is currently a Systems Assurance Manager leading the mission assurance responsibilities on various NASA space science instrument programs from Class A to D.

In 2021, Mr. Mitchell was selected as Principle Professional Staff member at the Johns Hopkins Applied Physics Laboratory. Since 2016 he is a current Committee Member for CQSDI. Since 2014 he is a Master's Program Faculty Instructor at JHU. In 2006, he received the Goddard Space Flight Center Recognition Award for Implementation of First ESD Compliance Verification Program.

Bruce Netherton
Supply Chain Manager,
Lockheed Martin

Mr. Bruce Netherton is a field representative at Lockheed Martin. Headquartered in Bethesda, Maryland. Lockheed Martin is a global security and aerospace company engaged in research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. Within the Space Systems business unit, Mr. Netherton conducts supplier surveys covering QMS and special processes against industry and internal specifications.

Mr. Netherton has over 40 years of experience as a quality professional in defense, aerospace, telecommunications, and commercial industries covering inspection, quality engineering, and upper management responsibilities.

Richard Bandy
Principal Supply Chain Engineer,
Ball Aerospace

Mr. Richard Bandy is a Principal Supply Chain Engineer at Ball Aerospace. Ball Aerospace provides instruments, payloads, and bus infrastructures for national defense and civil space programs. Ball also supports numerous warfighter programs with antenna, sensor, and infrared technology solutions. Mr. Bandy is the team lead for the Electronic Assembly supplier quality engineers supporting all programs.

Mr. Bandy has 30 years of experience in Electronics Assembly including, Printed Wiring Board fabrication, Printed Wiring assembly, and as a Process, Manufacturing and Quality Engineer.

Will Conn
Sr. Supply Chain Quality Lead,
NASA Goddard Space Flight Center (GSFC)

Mr. Will Conn serves as the Senior Supply Chain Quality Engineer in the NASA GSFC SMA Directorate. He works directly with NASA's Programs/Projects, and hardware and software partners (suppliers) to help ensure the success of critical earth and space science missions.

Mr. Conn has worked 30-plus years with the federal government in various capacities as an Aerospace Engineer. Before joining NASA in 2002, he worked as a Mechanical Engineer with the Naval Surface Warfare Center (NSWC), Dahlgren Division. As a member of the U.S. Navy's Marine Corps and Special Project team, he designed and developed fuze and ordnance systems for Weapons Systems, such as the Shoulder-Launched Multi-Purpose Assault Weapon (SMAW).

Mr. Conn's next stop was with the NSWC, Carderock Division, where he worked as a Supervisory Environmental, Safety, and Health Manager, leading his team in ensuring the Division's compliance with federal, state, and local environmental, safety, and health regulations and requirements at the Navy's research and development facility for ships and submarines.

In 2002, Mr. Conn joined the NASA GSFC team and has worked as a Facility Systems Safety Engineer, Spacecraft Systems Safety Engineer, Project Safety Manager (PSM), and Senior Supply Chain

Quality Engineer, receiving numerous awards for his contributions to the safe design and successful launch of several spacecrafts.

As a PSM, Mr. Conn was responsible for the safe design, development, integration (build), testing, and launch of spacecraft. This included ensuring the safety of employees working on these missions, as well as the public.

At NASA, Mr. Conn is a mentor to College and High School students through NASA's Office of Science Technology Engineering & Math (STEM) Engagement Internship Program to help develop the next generation of NASA Scientists, Engineers, and other professionals that will help us return to the Moon, Mars, and beyond.

Mr. Conn holds a M.S. in Technology Management Systems from University of Maryland University College and a B.S. in Mechanical Engineering from the University of Pittsburgh.

1:00 - 1:30 pm

Luncheon Keynote Speaker

Timothy R. McRae, SES

Program Director,
Ground-Based MidCourse
Defense Joint Program Office
(GMD JPO), MDA

Mr. Tim McRae is the Program Director (PD) for MDA's GMD JPO. He is responsible for developing, testing, fielding, integrating, and sustaining the nation's strategic defense capability to protect the country against intermediate and long-range ballistic missile attacks. He is also responsible for capability deployments, warfighter training, and operational readiness of the GMD System across the country and international locations.

Prior to this assignment, Mr. McRae served as both the Deputy Program Executive for Programs and Integration (MDA/DP), supervising a portfolio including the GMD JPO, the Terminal High Altitude Air Defense Program, the Missile Defense System (MDS) Targets Program, Israeli Programs, MDS Lifecycle Management, and the programs within the Facilities and Deployment Directorate. Simultaneously, he served as MDA Director for Baseline Integration, responsible for the integration of MDS programs, which collectively provide layered defense for the U.S. homeland, deployed forces, and our allies and friends in all phases of flight.

Previous to this assignment, Mr. McRae served as the Deputy PD for the MDA Targets and Countermeasures (MDA/TC) Program. The TC portfolio is responsible for developing, manufacturing, and executing launches of all ranges of ballistic missiles essential to the testing of the MDS in support of critical capability declarations across multiple combatant commands. Prior to his TC assignment, he served as the GMD Director for Program Management and Integration, where his responsibilities included planning, programming, budgeting, managing, and synchronizing program execution for the GMD JPO.

Mr. McRae's additional government civilian and military acquisition assignments include the MDA PD for the BMDS European Capability Program; Deputy Project Manager for the GMD Ground Systems and Fire Control Program Office; Product Manager for the GMD Ground Systems; Program Manager for Health, Water, and Sanitation under the Iraqi Procurement and Contracting Office; Assistant Program Manager for the Army's Advance Kill Weapon System; and Assistant Program Manager (TWI) for the U.S. Marine Corps' Osprey Program.

Prior to becoming a government civilian, Mr. McRae served for 22 years as a both a non-commissioned and commissioned officer in the U.S. Army, serving as a Military Intelligence and Acquisition Corps Officer. His Army service included tours with the 11th Armored Calvary Regiment, 10th Mountain Division (Light Infantry), and the 101st Airborne Division prior to serving as an Acquisition Officer with the Program Executive Office for Missiles & Space and the Missile Defense Agency.

Mr. McRae earned a Bachelor's of Science degree from the Florida State University and a Master's Degree in Business Management from the University of Texas at Arlington. His military education includes the Acquisition Corps Basic Course, Army Command and General Staff College, Army Aviation Advanced Course, and Army Military Officer Basic Course. His government civilian education includes the Advanced Program Management Course.

Mr. McRae's military decorations include the Legion of Merit, Bronze Star, Meritorious Service Medal, Army Commendation and Army Achievement Medals, Combat Action Badge, Parachutist Badge, Air Assault Badge. As a government civilian, he earned the MDA Director's Award for Significant Technical Achievement.

Mr. McRae joined the Senior Executive Service (SES) in 2016 and is an SES Tier 2 (SES-2).

1:45 - 2:15 pm

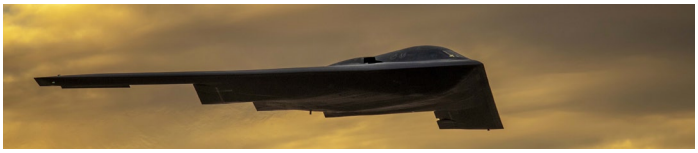
Featured Speaker

Wayne Monteith
President and General Manager
National Aerospace Solutions LLC

Brigadier General Wayne Monteith (USAF ret) serves as President and General Manager of National Aerospace Solutions (NAS) LLC. He supports delivery of wind tunnel and hypersonic testing, operations and sustainment services to meet United States Air Force objectives at the Arnold Engineering Development Complex (AEDC) in Tennessee, and two geographically separated organizations: the Hypervelocity Wind Tunnel 9 in Maryland and the National Full-Scale Aerodynamics Complex at Moffett Field in California. He is also responsible for supporting all aspects of contract execution of an 1800+ person workforce to include safety, delivery of work scope, quality, construction, and business performance.

Prior to his current position General Monteith served as the FAA's Associate Administrator for Commercial Space Transportation. He was the senior US Government Executive responsible for regulating and licensing the safe conduct of US commercial space transportation launch and reentry operations worldwide, including human spaceflight; licensing US Spaceports; and protecting the public health and safety, safety of property, national security and foreign policy interests of the United States.

In his military career he served as a Peacekeeper intercontinental ballistic missile combat crew member, Senior ICBM Standardization and Evaluation Crew Commander, ICBM Instructor, Chief ICBM flight testing, and Command Lead for a major space acquisition program. He commanded the Air Force's only ICBM combat crew training squadron at Vandenberg AFB, the 50th Space Wing at Schriever AFB and the 45th Space Wing at Patrick AFB. Along with serving as the Senior Military Assistant to the Secretary of the Air Force, General Monteith also served in various special duty and staff capacities including major command, combatant command, Headquarters Air Force and in the Office of the Secretary of Defense.



2:30 - 4:45 pm

SESSION 2 PANEL
Keeping Up with Supply Chain Risk Management

Abstract: Current events are resulting in significant increases to supply chain risks and an increased importance to understanding and managing supply chain risks. With demand shortages, many industries are plagued with supply chain setbacks such as suppliers delivering late and/or long lead times, information breaches, bankruptcies, suppliers not accepting new orders, workmanship issues, worker shortages, obsolescence, process and material changes due to lack of availability…the list goes on. Take an introspective look at risks impacting the current supply chain environment and the cutting-edge techniques being applied to understand and mitigate these risks.

Session Manager/Panel Moderator

Olga Ceritelli
VP, Show Me Quality Consulting, LLC (SMQC)

Ms. Olga Ceritelli is a SMA professional with extensive experience in high-risk/high-consequence environments. She has more than 20 years supporting aerospace, NASA, and SMA. She is Vice President at SMQC where she oversees program management. She continues to support NASA in numerous capacities including serving as a task team leader for the Office of Safety and Mission Assurance (OSMA) Supply Chain Risk Management (SCRM) program and NASA Supply Chain Insight Central information services initiative. She also serves as task team leader for Supplier Research and Analysis in support of the OSMA SCRM program and supports GSFC SMA directorate as a Supplier Research Analyst and Assessment Coordinator for Supply Chain Quality Assessments.

Ms. Ceritelli previously served as the Honeywell Program Manager for the NASA Audits, Assessments, and Assurance (A3) Contract and supported the predecessor's contract, NASA Contract Assurance Services (NCAS). She has also supported SMA Agency-wide initiatives, provided training in several SMA subjects, and has performed assessments, audits, reviews and risk assessments for the NASA Safety Center, NASA HQ and JPL, where she started her SMA career. She served in the U.S. Marine Corps Reserve in Supply Administration and later as an Intelligence Analyst. She holds a Master of Information Systems, and a BA in Psychology.

Session 2 Panelist - 1
Supply Chain Risk and Resilience

Abstract (Greg Schlegel): The Supply Chain Risk Management Consortium, now thirteen years young, with 31 companies encompassing over 1,700 risk professionals around the globe, has been building out a body-of-knowledge in Supply Chain Risk & Resilience to lead, guide, direct and coach companies towards successful SCR&R journeys. Our mission is—Identify, Assess, Mitigate & Manage risks and build resilient enterprises. Our panel threads will focus on providing the audience with a level-set consisting of terms and definitions covering Supply Chain Risk & Resilience. We'll discuss the State-of-the-State as we see it, talk a bit about how exemplar companies identify, assess, mitigate and manage risks in the supply chain and finish with a glimpse into the future.

Greg Schlegel
Founder, The Supply Chain Risk Management Consortium

Mr. Greg Schlegel is the Founder of The Supply Chain Risk Management Consortium - 31 companies and 1,700 supply chain risk professionals who bring skills, solutions and methodologies that help to Identify, Assess, Mitigate and Manage Supply Chain Risk.

Mr. Schlegel has been a Supply Chain Executive for several Fortune 100's, which included a stint as a DoD Plant Operations Manager during Desert Storm. He's been a Supply Chain Executive Consultant for IBM, has taught Supply Chain Risk Management for 10 years at Lehigh University and is an Adjunct Professor teaching Enterprise Risk Management for Villanova University's EMBA program.

Mr. Schlegel has presented papers on and has managed consulting engagements in supply chain and risk management. He was APICS' 1997 International Society President. He is well published, a frequent speaker at conferences, seminars, webinars and dinner meetings.

Mr. Schlegel and Dr. Robert J. Trent, of Lehigh University, have co-authored a new book, "Supply Chain Risk Management: An Emerging Discipline."

Session 2 Panelist - 2
An Integrated SCRM Approach

Abstract (Mike Kahler): Supply Chain Risk Management has expanded into more than just quality and delivery risks. There is Threat Intelligence, Cyber Security, Supplier Capability, Counterfeit Parts, Environmental, and Economic risk. Explore how SCRM is deployed as an integrated Ball Aerospace initiative including tools that support management of these risks.

Mike Kahler
Principal Supply Chain Engineer,
Ball Aerospace

Mr. Mike Kahler is a Principal Engineer in the Supplier Assurance Organization at Ball Aerospace leading a team of supplier quality engineers for EEE parts and EEE part assemblies. He is also the lead for Ball's Supply Chain Risk Management (SCRM) initiatives and policy. Ball Aerospace provides instruments, payloads, and bus infrastructures for national defense and civil space programs. Ball also supports numerous warfighter programs with antenna, sensor, and infrared technology solutions.

Session 2 Panelist - 3
Proactive Supplier Engagement Process

Abstract (Kanitra Tyler): NASA established the Proactive Supplier Engagement Process (PSEP) to cultivate a synergistic relationship with the agency's suppliers. Engaging in the PSEP facilitates and streamlines the product/service acquisition process. Information and Communications Technology (ICT) Supply Chain Risk Management (SCRM) Analysts conduct comprehensive assessments of a company's supply chain to better understand provenance, pedigree and position of NASA's suppliers, the covered articles provided to the agency, risks associated with the supplier and/or the covered article(s), and how to best mitigate or address risks to protect NASA's mission and ecosystem. Additionally, suppliers submit the entire product line/portfolio for NASA to consider for inclusion in the Covered Articles Portfolio (CAP). By using this process to collaborate with 13 electronic parts suppliers to date, NASA projects a 90 percent reduction in case-by-case/reactive, individual Supply Chain Risk Assessment (SCRA) requests.

Kanitra Tyler
Supply Chain Risk Management (SCRM) Service Element Lead, NASA

Ms. Kanitra Tyler entered NASA's doors three decades ago as a young student, and since then has become one of the most highly regarded leaders at the Agency. With an unmatched reputation for transforming organizations through process and people, she is a passionate advocate for collaboration, and, in every role she assumes, proves that partnerships are what move missions forward. In 2018, she was tapped to lead the Agency's ICT SCRM Service. She has set out to mature the capability to make near, real-time, risk-based decisions, and to create a culture of collaboration, efficiency and compliance.

Ms. Tyler holds a Masters in Information Architecture and Network Security. She earned several industry certifications, including CISSP, CAP and ITIL v3.

2:30 - 4:45 pm

SESSION 2 TRAINING/WORKSHOP
Successful Strategies to Enable a Quality Culture

Abstract: This immersive, hands-on interactive workshop will provide you with success strategies to build a sustainable quality-centered culture. Our distinguished speakers will unpack the interrelatedness of Leadership, Culture, and Psychological Safety, all key components of successful organizations with robust quality cultures. Strategies and tools will be shared with you to help you ensure your organization or your customer's quality culture is continuously evolving to deliver inspirational leadership, candid communication, and all-around quality excellence.

Kim Withers
Principal Director, People & Organization Development, The Aerospace Corporation

Ms. Kimberly Withers is passionate about maximizing personal, team, and organizational potential by enabling a culture where everyone can thrive and be their best in support of corporate priorities - while fulfilling their career aspirations.

Ms. Withers holds a Bachelor of Business Administration from the University of Michigan with a focus in Marketing, as well as a Master of Science in Organization Development and Leadership from Saint Joseph's University. A certified executive coach, team coach, and change management professional, she loves sparking "a-ha" moments that bring new insights and propel growth.

Ms. Withers has been with The Aerospace Corporation since 2017 and leads the People and Organization Development team, which oversees leadership development, engagement, career development, and other initiatives in support of Aerospace's 'Commitment to our People'. Prior to that she worked across various industries to foster highly engaged, optimized workplaces where everyone could bring their best for organizational success.

James Wade
Engineering and Mission Assurance Leader

Dr. James W. Wade has extensive experience in the aerospace and defense industry, spanning roles in government, federal research & development, education, and industry. Most recently he was the corporate vice president for Quality & Compliance at Raytheon Technologies. He collaborated with leadership in the areas of quality & mission assurance, engineering, supply chain, operations, and program management to deliver products and services that contributed to the customers' mission success. He joined the Raytheon Company in 2010 as vice president of Mission Assurance leading end-to-end Mission Assurance, Quality, Supplier Quality, and Continuous Improvement across the enterprise.

From 2006 to 2010, Mr. Wade was head of the MIT Lincoln Laboratory Safety and Mission Assurance Office, where he enhanced their system and component development capabilities in project hardware, software, integration and quality. He established the Laboratory's first Mission Assurance capability, which included the implementation of a quality management system compliant with the AS9100 industry standard.

From 1993 to 2006, Mr. Wade held critical leadership roles at NASA, including manager of the International Space Station Safety and Mission Assurance/Program Risk Office, and several technical and engineering positions. Along his other duties, he led and executed an integrated safety and risk analyses which confirmed the need to continue manning the ISS immediately following the Columbia accident.

Mr. Wade earned his doctorate in aerospace engineering sciences from the University of Colorado, Boulder. He also holds a master's degree in aeronautical and astronautical engineering from the University of Illinois, as well as both an MBA and an MS in space science from the University of Houston-Clear Lake. He received his bachelor's degree in physics from Gustavus Adolphus College.

Mr. Wade is a registered Professional Engineer, Texas, and an ASQ Certified Manager of Quality/Organizational Excellence. He received an Executive Certification in Technology, Operations and Value Chain Management from the MIT Sloan School of Management. He is a Certified Instrument Flight Instructor and a Commercial Pilot.

8:00 - 8:15 am

Opening Remarks

Phil Montag
VP, Human Performance and Research Division, (ASD/CQSDI Chair)

8:15 - 8:45 am

Keynote Speaker

Michele Miller
VP of Security and Mission Assurance, Ball Aerospace

Ms. Michele Miller is the Vice President of Security and Mission Assurance for Ball Aerospace. In this role, she provides leadership that guides the application of enterprise security, mission-system assurance, requirements trades, mission risk identification and analysis, and process application that ensures mission success across the company's program portfolio.

Ms. Miller has held several roles during her time at Ball. Most recently, she served as the Senior Director for the Tactical Systems Engineering team. She was responsible for leading an organization of technical experts providing best value execution on development and production programs that apply radio-frequency and electro-optical technologies to the nation's defense needs in C4ISR, precision strike, air dominance and electronic warfare.

Prior to this role, Ms. Miller led the Missions and Systems Engineering team. The Missions and Systems organization facilitates customer fulfillment, enables business success and delivers best-value execution by providing multi-faceted systems engineering, test and technical expertise across a multitude of national defense, scientific and tactical missions and platforms. She also serves in a leadership role in the Ball Women's Network.

Ms. Miller has been a Department of Defense contractor for the span of her career. Her role prior to joining Ball Aerospace was Missile Defense Systems Operating Unit Director at Northrop Grumman, where she was responsible for strategic leadership and all business metrics over a portfolio of programs.

Ms. Miller received a B.S. and M.S. degree in applied mathematics from the University of Colorado. She is very active with the University of Colorado's STEM initiatives in the School of Engineering. She was also recently named an American Institute of Aeronautics and Astronautics (AIAA) Associate Fellow.

8:45 - 9:15 am

Featured Speaker

Chris DeLuca

Director for Specialty Engineering, DoD Office of the Executive Director for Systems Engineering and Architecture

Mr. Chris DeLuca is the Director for Specialty Engineering within the Department of Defense (DoD) Office of the Executive Director for Systems Engineering and Architecture. His portfolio includes reliability and maintainability, system safety, manufacturing and quality, and human systems integration. An Army veteran, he is committed to delivering reliable and sustainable capability to the warfighter. He has led acquisition program offices and has served as the OUSD (R&E) member of the Secretary of Defense Electromagnetic Spectrum Operations Cross-Functional Team.

Mr. DeLuca has more than 35 years of experience in DoD as a U.S. Army Colonel (R) and DoD Civilian, Level III qualified in Program Management, Systems Engineering, and Test and Evaluation. As a U.S. Army commissioned officer, he held multiple command, leadership, and staff positions including unit command and Army Program Acquisition Management Charters for Major Defense Acquisition Programs (MDAPs) and non-major defense acquisition programs (including rapid equipping and provisioning). He served on the Army Staff.

As a DoD Civilian, Mr. DeLuca served as a Deputy Program Manager for a Major Automated Information System (MAIS) Defense Business System (DBS). He directed systems engineering and developmental test and evaluation analysis teams for Space, Land Warfare and C4ISR MDAPs, MAIS, and DBS programs.

9:30 - 11:45 am

SESSION 3 PANEL
Industry Associations and Their Role in the QA Universe

Abstract: There are multiple organizations where Quality Professionals in Space and Defense Industries participate. Supporting and networking throughout these organizations strengthens the Quality profession and promotes effective Quality Management Systems (QMS). This directly contributes to reduced government oversight when Industry demonstrates robust QMS. This panel will educate participants on these organizations including the Aviation, Space and Defense Division of the American Society of Quality (ASQ-ASD), the sponsor of the CQSDI Forum. Other organizations include the Aerospace Industries Association (AIA) which chairs a Quality Assurance Committee (QAC) and hosts a Joint Strategic Quality Council (JSQC) partnering industry with DCMA and NASA. Finally, the core quality assurance organization is the International Aerospace Quality Group (IAQG) which publishes and maintains the AS standards and manages the Certification Body system internationally. The Americas sector is the Americas Aerospace Quality Group (AAQG). Speakers leading these organizations will present their organizational vision, structure and activities and provide opportunities for engagement.

Session Manager/Panel Moderator

Brian Tenney
Director of Sustainment Quality,
Lockheed Martin Aeronautics

Mr. Brian J. Tenney is Director of Sustainment Quality for the Lockheed Martin Aeronautics Company. In this role, he supports a team of 150 employees worldwide overseeing quality compliance on multiple Lockheed Martin products.

Mr. Tenney's previous roles in quality include Mission Assurance Director ensuring Quality Management System compliance for Advanced Development, U-2, F-35, F-16, F-22 and F-2 programs.

Before moving to the Quality organization, Mr. Tenney served as Director of Production Engineering on the F-22 program. He led a team responsible for tooling, planning, MRB and corrective action.

Mr. Tenney started his career as a structural design engineer and worked on the F-22, Trident II D5, Mk4/5, MILSTAR and B-2 programs.

In addition to his work in the aerospace industry, Mr. Tenney served for 32 years in the Army National Guard and Army Reserve.

Mr. Tenney received a bachelor's degree in Space Science from the Florida Institute of Technology, a master's degree in Quality Assurance from Southern Polytechnic State University and a master's degree in Strategic Studies from the US Army War College.

Session 3 Panelist - 1
JSQC

Abstract (Craig Bennett): The Joint Strategic Quality Council (JSQC) has innovatively accelerated development of new processes and standards, aligning industry and Government best practices and policies. JSQC enables Government, contractors and industry association partners to significantly leverage advancements in manufacturing technologies and management information systems, for implementing a modernized QA approach to process and data interoperability with common, non-competitive solutions of mutual interest. JSQC is an integrated and collaborative partnership that drives culture change.

Craig Bennett
Chair, Joint Strategic Quality Council,
DCMA HQ and NASA SME

Mr. Craig Bennett became the NASA SME for DCMA HQ in September 2011. DCMA HQ has developed and operated global DoD and NASA spacecraft contract oversight teams.

Mr. Bennett's background includes 30+ years of experience in the aerospace industry. He was responsible for Agency level NASA Policies supporting a professional acquisition workforce composed of worldwide professionals responsible for contract oversight of spacecraft in support of NASA and DoD.

Mr. Bennett spent 11 years in Florida working launch operations and program management on NASA's Space Shuttle program Solid Rocket Boosters and DoD Spaceborne Systems with DCMA.

Mr. Bennett began his career in the USAF, 22 total years active/reserve working on DoD aerospace systems.

Mr. Bennett received multiple recognitions and awards from civilian and military organizations. He earned a Bachelor's degree in Program Management, and a Masters of Business Administration in Operations and International Business. He completed the Harvard Kennedy School of Government Senior Executive Fellows, the University of Virginia Darden School of Business Leadership and USAF Senior Professional Military Education.

Mr. Bennett is Defense Workforce Acquisition Certified, a DoD Acquisition Core Member, Six Sigma Black Belt Certified, and completed United States Office of Personnel Management Leadership and Management Development.

Session 3 Panelist - 2
ASQ

Abstract (Ann Jordan): ASQ helps quality professionals achieve career goals and drive excellence through quality in their organizations and industries. The Society provides expertise, knowledge, networks, and solutions to a global membership spanning more than 130 countries. ASQ staff works in partnership with the Society's member leaders to develop resources and thought leadership to help members, customers, and volunteer leaders pursue excellence. Their offerings include training, conferences, membership, and knowledge products such as books and publications. In 2020, ASQ created a complementary nonprofit entity called ASQ Excellence (ASQE) with a mission to set the standard for quality-driven offerings and insights worldwide, inspiring the organizations it serves to achieve excellence.

Ann Jordan
CEO, ASQ

Ms. Ann Jordan is the CEO of ASQ, a global membership association with members in more than 130 countries. She joined ASQ in 2017 and was named CEO in January 2021. Her expertise in the intricacies of association management and need for quality governance in a not-for-profit organization helped ASQ evolve and adapt to the unprecedented challenges facing organizations in today's world.

Prior to joining ASQ, Ms. Jordan held leadership roles and global responsibilities in diverse industry areas committed to quality systems and improvement, including original equipment manufacturers (OEM), maintenance, repair and operations (MRO) and insurance and risk management solutions. She began her career as a practicing lawyer.

Ms. Jordan holds a J.D. from University of Iowa College of Law and B.A. in Political Science and Psychology.

Session 3 Panelist - 3
IAQG

Abstract (Susie Neal): As an international non-profit association under Belgian law with an office registered in Brussels (Belgium), the International Aerospace Quality Group (IAQG) sets the standard for quality within the worldwide supply chain of the aerospace industry. The organization is comprised of member companies within the aviation, space and defense industries that design, develop, manufacture and support original equipment at system or subsystem levels.

The IAQG sets the standard for quality within the worldwide supply chain of the aerospace industry. The organization is comprised of member companies within the aviation, space and defense industries that design, develop, manufacture and support original equipment as system and subsystem levels. The IAQG is committed to establishing a commonality of quality systems and improvement standards. These standards are documented, published and applied internationally by original equipment manufacturers (OEMs) and circulated throughout the supply chain.

Susie Neal
IAQG Sponsor and DCMA Industry Focal

Ms. Susie Neal is a passionate Quality and Six Sigma Executive with 35+ years of proven results for leading companies in implementation of Quality Management Systems in Aerospace & Defense, Commercial & Industrial industries. She has held leadership roles in Quality, Operational Excellence, Technology, Supply Chain, and Manufacturing. She has a robust understanding and experience in customer engagement, quality management, quality integration, and continuous improvement.

Most recently Ms. Neal was at Raytheon Technologies (Collins Aerospace Division) in the Enterprise Quality organization as Senior Quality Fellow, with responsibility for designing and implementing quality management systems for 245 global locations, and supporting execution of key quality initiatives at Collins Aerospace strategic business units (SBUs). She was also past chair of the AAQG sector and a member of the IAQG Executive Council.

Prior to RTX, Ms. Neal began her professional career with SunChemical in Manufacturing, Supply Chain, Technology, and Quality.

Ms. Neal holds an Aerospace Experienced Auditor (AEA) and Six-Sigma Black Belt certification as well as degrees in Global Logistics and Business Management.

Session 3 Panelists - 4 and 5
AIA/QAC

Abstract (Rick Roelecke and Gery Mras): The Aerospace Industry Association (AIA) has shaped policy and accelerated innovative technologies in the Aerospace and DoD industry for over a 100 years. More than 300 senior level members from Prime Contractors to their multiple tiers of suppliers formulate consensus-based initiatives to strengthen the US aerospace industrial base, national security and global competitiveness through various AIA committees. The Quality Assurance Council (QAC) is one of these committees. The QAC top strategic initiatives include collaboration with government agencies such as DCMA, DLA, NASA, and OSD on regulatory changes and joint quality initiatives, and sharing best practices and challenges with company members.

As a member of the QAC you can have access in a non-attributional environment to influence government and company policies by having insight to innovative ideas proposed and implemented across the industry.

Rick Roelecke
Sr. Engineering Manager,
Ball Aerospace

Mr. Rick Roelecke is the Senior Manager of Supplier Assurance at Ball Aerospace. Ball Aerospace provides instruments, payloads, and bus infrastructures for national defense and civil space programs. Ball also supports numerous warfighter programs with antenna, sensor, and infrared technology solutions. Mr. Roelecke manages a team of supplier mission assurance managers and supplier quality engineers supporting all programs. The organization is responsible for management and execution of supplier mission and quality assurance requirements, including supplier development and improvement initiatives.

Mr. Roelecke has presented at various ASQ, NASA and Industry conferences including CQSDI, Goddard Supply Chain, NASA Quality Leadership Forum (QLF), and CALCE on a variety mission assurance and quality topics. He holds a Bachelor of Science Degree in Electronic Engineering and a Master of Business Administration. He is also the Chair of the Aerospace Industry Association (AIA) Quality Assurance Council (QAC) and has been supporting AIA for over 12 years.

Gery Mras
Director of Lifecycle Management,
Aerospace Industries Association (AIA)

Mr. Gery Mras is the Director of Life Cycle Management at the AIA. Reporting to AIA's Technical Operations and Digital Transformation division, he manages the strategic pursuits for the AIA Engineering Management Committee, Product Support Committee, Quality Assurance Committee, Counterfeit Parts Policy Working Group and the DCMA (IAQG/ AAQG/ AIA) Joint Strategic Quality Council. He is currently the US association representative on two international councils governing the concurrent development of the S-Series suite of technical data and Integrated Product Support (IPS) specifications. He represents approximately 340 AIA member companies on multifaceted policy and complex technical issues to ensure the Aerospace & Defense industry remains resilient in an ever-changing global market economy.

Upon joining AIA in 2013, Mr. Mras has previously acquired 25 years of experience working in the aerospace industry. After spending the early years of his career supporting a team of R&D scientists while developing airborne virtual reality systems, he assumed the responsibilities of a Lifecycle Product Development Management. Being credited for managing the design, manufacturing, test, Q/A disposition and deployment of various US military maintenance, weapons tactics, electronic warfare training systems and flight simulators, he also held several engineering management positions supporting the evaluation and on-boarding enterprise business solutions, capture of new business pursuits and contributed to a variety of Kaizen, lean blackbelt events. During corporate acquisitions and mergers, he contributed to several transition teams evaluating the alignment and harmonization of technical capabilities across the newly formed enterprise.

Mr. Mras received a bachelor's degree in Mechanical Engineering from the Rochester Institute of Technology and completed continuing education courses at George Washington University specializing in the areas of optics and optomechanics.

9:30 - 11:45 am

SESSION 3 TRAINING/WORKSHOP
Audit Best Practices, Defect Trends and Corrective Action Tips

Abstract: Supplier Audits are one of the Risk Mitigation tools used by Lockheed Martin Aeronautics. Aerospace companies face ever-increasing demands regarding supply chain performance and audits are a preventive supplier engagement strategy exemplifying an effective tool with a focus on improving quality and delivery performance.

This Workshop Team will share information regarding Supplier Selection, Auditing Etiquette, Audit Planning, Audit Results and Corrective Action.

We will review strategies and tools that can be used to ensure supply chain risks are identified and defects are addressed with robust corrective action.

Fred Martin
Supplier Quality Manager,
Lockheed Martin Aerospace

Mr. Fred Martin is a Supplier Quality Manager at Lockheed Martin Aeronautics. He has worked in multiple Business Areas for the company since joining in 2004. He is an accomplished professional, with extensive Quality Management experience in various manufacturing settings. His expertise includes auditing, production management, process improvement implementation, quality management, and personnel development.

Mr. Martin is a Certified Six Sigma Black Belt, Certified Six Sigma Green Belt, Certified Quality Engineer and Certified IAQG OP Assessor. He is Past Chair of the ASQ Aviation, Space & Defense Division, Past Chair of the Dallas ASQ Section, and current member ASQE Board of Directors.

Mr. Martin earned his Bachelor's degree in Chemistry from the University of Texas and his Master's degree in Business from Amberton University. He is a member of the National Society of Black Engineers SAE International and Project Management Institute.

Maytelin Herrera-Batista
Supplier Quality Engineer,
Lockheed Martin Aerospace

Ms. Maytelin Herrera-Batista, is a Staff Quality Auditor at Lockheed Martin Aeronautics. She has been in aerospace for the past 18 years with a broad experience in Quality Assurance, some of her expertise includes auditing, process improvement, root cause and corrective action and statistical analysis.

Ms. Herrera-Batista is involved with multiple industry projects including IAQG writing teams, member of the IAQG Space and Defense forum and is the AAQG Communication Chair. She is a Lifetime member of the Society of Hispanic Professional Engineers. She has a Lean Manufacturing Certification. She is a certified Aerospace Experience Auditor and a IAQG OP Assessor.

Ms. Herrera-Batista has a Bachelor of Science in Industrial Engineering from the University of Puerto Rico and a Master of Science in Operational Management from Rensselaer Polytechnic Institute.

1:00 - 1:30 pm

Luncheon Keynote Speaker

Mark Bontrager
Technical Director,
Launch and Range Operations,
Space Systems Command,
U.S. Space Force

Mr. Mark D. Bontrager is the Technical Director, Launch and Range Operations, Space Systems Command, Cape Canaveral Space Force Station, Florida. Space Systems Command Launch and Range Operations provides policy, guidance, and resources for all U.S. Space Force launch and range operations including integration of operational priorities, system readiness, manifesting, and mission partner support across the Department of Defense and the interagency.

Mr. Bontrager serves as the senior civilian advisor to the Director, Launch and Range Operations on matters relating to legislative authorities, policy, launch and range operations, resources, and contracts.

Mr. Bontrager entered the Air Force in 1987, where he served in a broad range of operational, joint staff, policy, and command positions, including launch operations with the Delta II launch vehicle and command of the 45th Mission Support Group, which provided critical support to military, civil, and commercial space launch missions. He served as Vice President for Spaceport Operations with Space Florida and led the development of Florida's first Spaceport System Plan, which resulted in over $1.5B of state and industry investment in Florida's spaceports at Cecil Spaceport in Jacksonville and the Cape Canaveral Spaceport on the Space Coast. He returned to federal service in January 2022.

Mr. Bontrager earned his Bachelor of Science in Computer Engineering from the University of Florida, his Master of Engineering in Space Operations from the University of Colorado, his Master of Arts in National Security Studies from the Naval Command and Staff College, and his Master of Arts in Airpower Studies from the School of Advanced Airpower Studies at Maxwell AFB.

1:45 - 2:15 pm

Featured Speaker

Gina Woullard
VP of Mission Assurance,
Aeronautics Systems,
Northrop Grumman

Ms. Gina Woullard is the vice president of Palmdale Mission Assurance at Northrop Grumman Aeronautics Systems, a premier provider of military aircraft, autonomous systems, aerospace structures and next-generation solutions. In this role, she is responsible for leading Antelope Valley's mission assurance multi-disciplinary functions and compliance to the Quality Management System. Her duties include developing transformational business solutions to drive affordability and continuous process improvements for some of the most advanced weapon systems in the world, including the B-2 Spirit, F-35 Joint Strike Fighter, the HALE family of systems, the Unmanned Combat Air Systems Carrier Demonstrator and special programs.

Ms. Woullard has served over 34 years in aerospace, with a broad range of experience spanning from aircraft mechanic to leadership roles on both commercial and military programs. For over 26 years, she has held management positions of increasing responsibility in both production operations and quality assurance.

Ms. Woullard holds a Bachelor of Science in Business Management from Pepperdine University, a Master of Business Administration from the University of Redlands, Master of Science in Global Supply Chain Management from the University of Southern California, a Lean Six Sigma Green Belt, as well certificates in quality engineering, change management, strategic leadership, and lean manufacturing. She also completed a variety of advanced leadership programs.

Northrop Grumman solves the toughest problems in space, aeronautics, defense and cyberspace to meet the ever-evolving needs of our customers worldwide. Our 90,000 employees define possible every day using science, technology and engineering to create and deliver advanced systems, products and services.

2:30 - 4:30 pm

SESSION 4 SPECIAL TOPIC
Challenges with Retention and Recruitment of the QA Workforce

Abstract: This session consists of two back-to-back panel discussions both ending with a brief Q&A period. Panelists will explore the mentorship relationships between New/Young Quality Professionals (the mentees) and their mentors, to include recruitment and retention viewpoints and strategies, and how empowerment plays a crucial part in retention of new/young quality professionals. The first group of mentor and leader panelists will discuss their mentorship relationships and programs, including lessons learned in starting up a mentorship program, best practices for creating successful mentorship relationships, and how/why empowerment of the new/young quality professional is important to retain talent. The second group of new/young quality professional panelists will discuss the pros and cons of their experiences with the recruitment, retention, mentorship, and empowerment processes. Attendees will learn from the panelists' valuable experiences including what to avoid (what doesn't work) and best practices to implement immediately within their own organizations.

Session Manager/Panel Moderator

Belinda Chavez
Operations Manager,
KBR, Science and Space Solutions

Ms. Belinda Chavez is an Operations Manager for KBR, Science and Space Solutions, in support of the NASA Safety Center Assessments and Investigation Office and the Safety & Mission Assurance Manager for the SWFO Ground Segment Antenna Network contract. She has over 25 years of safety and quality experience in the aerospace industry.

Ms. Chavez earned a Bachelor of Science degree in industrial technology at the Southern Illinois University, and a Master's in Business Administration at the Louisiana Technical University. She has been an active ASQ volunteer member leader for 20 years holding various member leader positions including ASQ Board of Directors, Region Director, and officer/committee chair for multiple technical and geographic member communities. She is an ASQ Fellow and ASQ Certified Manager of Quality/Organizational Excellence, ASQ Certified Six Sigma Black Belt, an IPCM Certified Manager, and George Group Certified Lean Six Sigma Black Belt.

Ms. Chavez received various company and NASA awards including a United Space Alliance Safety Quest Award, a NASA Space Flight Awareness Award, the NASA Astronaut Silver Snoopy Award, and multiple NASA Group Achievement Awards.

Session 4 Panel 1
Recruitment and Mentorship Programs

Abstract: Leader and mentor panelists will discuss their recruitment and mentorship programs, including lessons learned in starting up a mentorship program, best practices for creating successful mentorship relationships, and how/why empowerment of the new/young quality professional is important to retain talent.

Bill Harris
Chief, Safety, Quality and Mission Assurance,
Missile Defense Agency (MDA), Ground-based Midcourse Defense (GMD)

Mr. Harris is the Missile Defense Agency (MDA) Ground-Based Midcourse Defense (GMD) Quality, Safety and Mission Assurance (GMQ) Chief on the

GMD System Integration, Test, and Readiness (SITR) contract. Prior to joining the MDA, he worked for 33 years in various leadership positions for The Boeing Company on Space and Defense contracts including Delta IV, International Space Station, GMD, and various other small programs.

Mr. Harris also served in the Air Force prior to starting his career with The Boeing Company. Throughout his career, he has been a mentor to employees within his organizations, individuals from outside Boeing and MDA. He also provided mentoring services to a non-profit organization focused on preparing service members and spouses, who lost a family member serving in the Military, to find employment in the civilian workforce.

Mr. Harris has a Bachelor's Degree in Business from Faulkner University and a MBA in Management of Technology from Phoenix University.

Mike Kelly
Chief, Technical Excellence Office,
NASA Safety Center

Mr. Mike Kelly is chief of the Technical Excellence Office for the NASA Safety Center (NSC). In this role, he is responsible for planning, organizing and directing a full range of integrated services including Safety and Mission Assurance (SMA) curriculum and course development, SMA engineering support for over 2,800 NASA civil service and support contract employees agencywide, and the SMA Technical Excellence Program (STEP) — NASA's university for safety. Kelly also serves as program manager for the Chief Safety Officers Summit and Executive Safety Leadership Program. He is located at NASA Goddard Space Flight Center.

Prior to this role, Mr. Kelly served as the Technical Leadership Technical Discipline Team Lead (TDTL) and also as the Quality Engineering (QE) TDTL for the NSC. As the Technical Leadership TDTL, he offered a professional development path for the SMA Technical Leadership discipline through STEP and developed and defined the role of the SMA Technical Leadership curriculum participant through professional development opportunities, collaborative events and working groups. As the QE TDTL, he was responsible for the professional development of NASA's QE workforce.

John O'Donnell
Manager of Quality Assurance,
Jet Propulsion Laboratory

Mr. John O'Donnell is currently the Manager of Quality Assurance at the Jet Propulsion Laboratory which includes Procurement Quality Assurance, Inspection, Hardware Quality Assurance, Software Quality Assurance, and the NASA Western Regional Training Center.

Mr. O'Donnell has 39 years of experience in aerospace Quality Assurance including 17 at JPL and 22 at Aerojet-Rocketdyne. He has led Quality Assurance organizations supporting the Space Shuttle Main Engine, Space Station, and everything flown at JPL since 2006 including the most recent Mars Lander Perseverance.

Session 4 Panel 2
New/Young Quality Professionals

Abstract: New/young quality professional panelists will relay their experiences with the recruitment, retention, mentorship, and empowerment processes.

Ashley Chonko
Ground Based Interceptor (GBI), Quality Engineering Lead, Boeing Ground-Based Midcourse Defense (GMD)

Ms. Ashley Chonko is the Quality Engineering Lead for The Boeing Company in support of the Ground-based Midcourse Defense (GMD) program. She has previously supported other programs, in multiple quality and flight test roles, during her tenure at Lockheed Martin including: Army Tactical Missile Systems (ATACMS), Guided Multiple Launch Rocket System (GMLRS), High Mobility Artillery Rocket System (HIMARS), Air Dominance, and multiple advanced development programs.

Ms. Chonko earned a Bachelor of Science degree in chemical engineering from the University of Alabama in 2018, and a Master's degree in Business Administration from Clemson University in 2021. During her undergraduate studies, she specialized in electrochemistry research to develop advanced photovoltaics for industrial applications. She has earned certifications in Lean Six Sigma (Green Belt), Earned Value Management (EVM), Control Account Manager (CAM), and Program Performance Management (PPM).

Jayson DeNovellis
Missile Defense Career Development Program (MDCDP) Participant, Missile Defense Agency (MDA)/BCQ

Mr. Jayson DeNovellis earned a BS degree in Aerospace Engineering from the University of Maryland in 2021. He focused his studies on space systems, working on conceptual design projects involving astronaut ergonomic testing, rocket telemetry, UAV rescue systems, and a mobile lunar habitat. He spent two summers at the US Army Aberdeen Test Center as a Mechanical Engineering Intern, designing and maintaining items to support the testing of Army vehicles, weapons, and equipment.

Mr. DeNovellis came to MDA after college through the DoD SMART Scholarship-for-Service Program. He is a General Engineer in MDA's Career Development Program, working in different rotations across quality, safety, and mission assurance. He recently obtained an EIT certification and is working towards becoming a licensed Professional Engineer.

Victoria Poitier
Safety & Mission Assurance Aerospace Engineer, NASA Kennedy Space Center

Ms. Victoria A. Poitier is an aerospace technology engineer for NASA at Kennedy Space Center. She works in Reliability and Quality Assurance as a Quality engineer in support of the International Space Station Program and Human Landing Systems and various Exploration Research and Technology projects. In this role, she ensures work orders are processed properly, documented policies are in place, and Government Mandatory Inspection Points are in the proper location. She also coordinates with QA personnel and contractors to ensure work orders and nonconformances are updated and risks are mitigated before paperwork is completed. She also works as a Software Quality Engineer to determine software safety criticality and classification for new research and technology payloads.

Ms. Poitier has a Bachelor of Science in Industrial Engineering from the University of South Florida. She is a certified Lean Six Sigma Green Belt and a member of the National Association of Black Engineers. She began her career in the private industry, focusing on supply chain in Utility Power Generation. She spent three years performing jobs as a materials leader, supervisor, and process quality engineer. She decided to switch industries and become a quality engineer with NASA in 2020.

8:00 - 8:15 am

Opening Remarks

Phil Montag
VP, Human Performance and Research Division, (ASD/CQSDI Chair)

8:15 - 8:45 am

Keynote Speaker

Janet Sellars
Director of HR,
NASA Kennedy Space Center

Ms. Janet Sellars is the Director of Human Resources at NASA KSC. She serves as a key member of the Senior Management Team and the principal senior advisor to the Center Directors on all human capital matters.

Prior to her current role, Ms. Sellars served as NASA's Director of Diversity and Data/Analytics. She was the principal advisor on matters concerning the achievement and management of a diverse and inclusive workforce. Her focus included NASA's diversity and inclusion programs, the Model Agency EEO Plan and Annual Update under the EEOC's Management Directive 715, and special emphasis programs.

Previously in 2017, Ms. Sellars served as the Acting Associate Administrator for Diversity and Equal Opportunity at NASA. She was the principal advisor on diversity and equal opportunity matters.

Ms. Sellars also served as NASA Langley's Director of Education where she coordinated educational program efforts for national programs, building relationships with members of the education community, and creating initiatives to develop outreach and collaborative efforts with the education community, other agencies, universities, and industries.

Ms. Sellars also served as the EEO and Diversity Director for NASA Langley. She was responsible for ensuring employees were empowered to rise to their highest potential and be valuable contributors to the NASA mission by promoting an inclusive work environment, free from unlawful discrimination and harassment. She was the recipient of NASA's Honor Award Medal for Equal Employment Opportunity.

Ms. Sellars completed her undergraduate degree at the University of the State of New York. She earned a master's degree in Human Relations from the University of Oklahoma. She served in the U.S. Air Force as a paralegal and worked as a college administrator for two graduate degree programs. She also taught paralegal studies at the undergraduate level.

Ms. Sellars was a 2012 recipient of the Women of Distinction Government award from the YWCA of the Virginia Peninsula. She was selected for the Black Engineer of the Year Award for Corporate Promotion of Education for 2017. She is a 2018 recipient of NASA's Honor Award for Outstanding Leadership.

8:45 - 9:15 am

Keynote Speaker

Michael Shields

Executive Director, QA,
Defense Contract Management Agency (DCMA)

In his current position, Mr. Michael Shields manages the agency's Quality Assurance Directorate, which is composed of a community of functionally aligned Quality Assurance Engineers and Specialists in performance of their contract management responsibilities. He is responsible for leadership in providing quality assurance support throughout the acquisition system, achieving operational excellence which inspires warfighter confidence through the issuance of new policies and management of core quality assurance business processes, developing effective performance management measures which influence industrial base performance, and in revitalizing the agency's quality assurance workforce through development of professional certification and training.

Prior to his assignment at DCMA, Mr. Shields managed the Defense Logistics Agency's Quality Assurance and Product Testing Programs. In that position, he was responsible for developing policies, defining informational functional requirements, performing operational analysis, surveillance oversight, and staff direction to each of the Agency's Defense Supply Center Quality Assurance and Product Verification business units. He also served as the Agency's representative on the Quality Assurance Committee of the DAR Council. He served the Joint Aeronautical Logistics Commanders Council in development of effective controls for the acquisition of critical safety items and audit of both major buying centers and defense distribution depots. He also participated in numerous engineering and quality assurance cross talks and conferences with Military Service customers.

Mr. Shields is an ASQ Certified Quality Engineer, and ASQ Certified Auditor. He started his education at New York State University with a Bachelor of Science degree in business. He completed his formal education with a master's degree in business administration from the Colorado State University. His awards include three Vice President Gore Hammer Awards for making government operate more efficiently.

9:30 - 11:45 am

SESSION 5 SPECIAL TOPIC
A Quality Mindset for Cybersecurity Challenges

Abstract: Managing risk and compliance are major themes of the quality landscape. These are also at the core of cybersecurity. Evolving efforts to reinforce the security and resiliency of the Defense Industrial Base and the supply chain of the Department of Defense present familiar challenges for management systems, risk evaluation, and process monitoring. This panel explores different perspectives in cybersecurity risk and compliance, and the potential overlap with and lessons for broader quality initiatives.

Session Manager/Panel Moderator

Gerard Pearce
Executive Vice President,
SQA Services

Mr. Gerard Pearce is a quality and supply chain expert with over 30 years of experience in combining the disciplines of quality, technology, and supply management. His expertise spans a variety of quality-critical industries in a global manufacturing landscape.

Since 2000, Mr. Pearce's focus has been on defining the processes and infrastructure that provides managed supplier quality programs for numerous global leaders in the fields of aerospace, pharmaceuticals, defense, medical devices, oil and gas, electronics, consumer goods, and more. Central to this infrastructure is the technology required for effectively running global supplier quality operations by connecting all stakeholders in the supply chain.

Mr. Pearce is currently the Executive Vice President and Head of Operations of SQA Services. He is a regular industry commentator and contributor, and closely involved in shaping and implementing the global supplier quality strategy for SQA's Fortune 500 clients.

Session 5 Panelists - 1

Ron Davis
Chief Information Security Officer,
Huntington Ingalls Industries

Mr. Ron Davis is the Chief Information Security Officer (CISO) at Huntington Ingalls Industries (HII). He is responsible for overseeing the company's information security program in areas such as cybersecurity policy, risk management, governance and, cybersecurity incident response and remediation.

Prior to HII, Mr. Davis was the CISO at Vencore Inc. where he performed similar functions as those in his current role at HII. He served in various roles as an information security leader both in the Defense Industry and Homeland Security.

Previously, Mr. Davis held the position of Director of BAE Systems Inc. Global IT Security Integration and Strategic Collaboration. He was responsible for global strategic collaboration for cybersecurity services.

Mr. Davis was also the BAE Systems Inc. IT Security Policy and Operations liaison to a number of the Defense Industrial Base Cybersecurity and Information Assurance working groups, where he provided insight and expertise on cybersecurity issues encountered by the Base.

Mr. Davis was also the Director of BAE Systems Global IT Security Operations. He was responsible for supporting the BAE Systems global security operations theater and directed a team of cyber analysts and information security engineers in combating cyber threats against the BAE Systems global network.

As a BAE Systems employee under contract to the federal government, Mr. Davis served as Director of IT Security at the Department of Treasury and IT Security Manager at the Department of Commerce. Also in a contracting capacity, he served as a Senior Lead Information Systems Security Engineer at the Department of Defense and the Department of Homeland Security.

Mr. Davis has a Bachelor of Science in Information Systems Management with a minor in Homeland Security. He also holds several industry certifications including the Certified Information Systems Security Professional certification.

Session 5 Panelists - 2

Noble Dean

Director Governance, Risk and Compliance,
Office of Chief Information Security Officer,
L3Harris Technologies

Mr. Noble Dean is the Director of Governance, Risk and Compliance at L3Harris. He is responsible for driving compliance with overall IT security policies including regulatory obligations and industry best practices.

Mr. Dean's team also works closely with L3Harris' supply chain organization to help support the cyber security activities with L3Harris' partners.

Mr. Dean joined the L3Harris in 2005. He has served in several roles including Security Manager for the FTI program responsible for securing critical infrastructure, Senior Scientist for Enterprise Security Architecture Director, and Security Architecture and Engineering for Enterprise IT.

Mr. Dean also participates in industry collaboration forums including the DIB Sector Coordinating Council Supply Chain Task Force helping to drive consistency in the implementation of cyber security requirements with supply chain partners.

Mr. Dean earned a Masters of Science from Purdue University and an MBA from University of Florida.

Session 5 Panelists - 3

Jacob Horne

Chief Security Evangelist,
Summit 7

Mr. Jacob Horne is the Chief Security Evangelist at Summit 7 Systems where he specializes in DFARS and CMMC compliance for Department of Defense contractors.

As a former NSA intelligence analyst and U.S. Navy cryptologic technician, Mr. Horne has over 15 years of experience in offensive and defensive cybersecurity operations. As a civilian he has led Governance, Risk, and Compliance teams at AT&T, Northrop Grumman, and the NIST Manufacturing Extension Partnership.

Mr. Horne has developed and taught numerous cybersecurity training programs for organizations including the NSA National Cryptologic School, UCLA, and UC Irvine.

Mr. Horne has a master's degree in cybersecurity risk and strategy from NYU, and an MBA from the UC Irvine Paul Merage School of Business. His certifications include CISSP, CDPSE, CMMC Provisional Instructor, CMMC Provisional Assessor, and CMMC Certified Professional.

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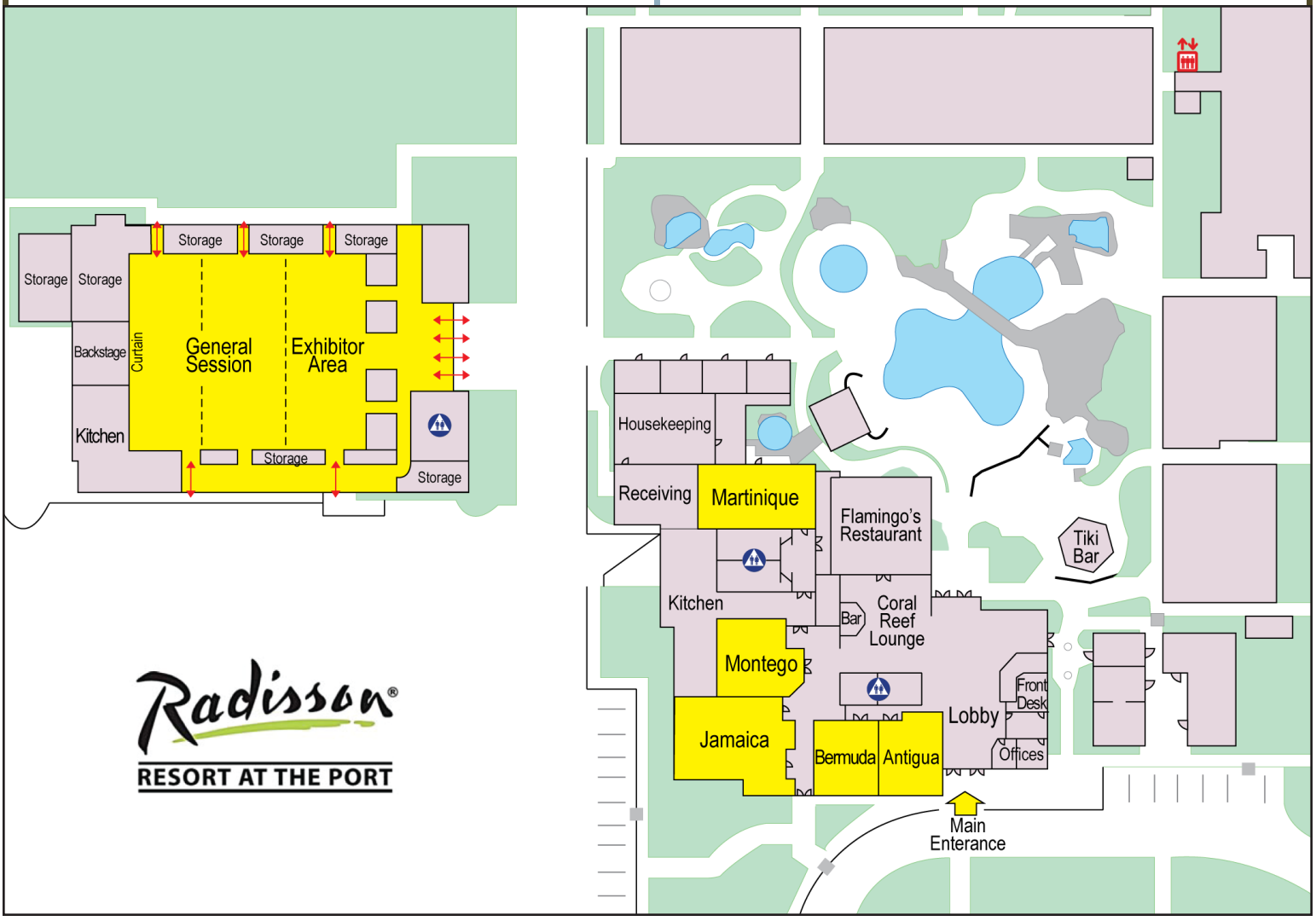

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