

# Coffee break !



**Return by 3:05 pm EST**

**WELCOME TO**

**Quality Assurance Subgroup**



Quality  
Assurance  
Leadership  
Team

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Vince Grosso (NST) – Chair  
grossovj@nv.doe.gov

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Matthew Alt (CNS Y-12) – Vice  
Chair matthew.alt@cns.doe.gov

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Michael Russell (ORNL) – Secretary  
russellms@ornl.gov

# Focus on Quality

- Welcome
- Speakers
- Topic Areas
- Volunteers!!!



# Quality Task Teams

- **Supply Chain Quality**  
Chair - Bill Wingfield
- **Policy and Procedures**  
Chair - Vacant
- **Procurement Engineering Quality**  
Chair - Spencer Daw
- **Software Quality Assurance**  
Chair - Vicki Pope





**Questions??**



Bill Wingfield (LANL), Chair  
Joe Fulghum (SRS), Vice Chair  
Julie Snelling (PNNL), Secretary

# Supply Chain Quality

# Supply Chain Quality Accomplishments

- Task SC-20-02 MSL User Guides Issued and Published – Kristin Bell – SNL; & David Hebert – KCNSC
- Task SC-12-01 POC List Updated – Veronica Ballew – WIPP

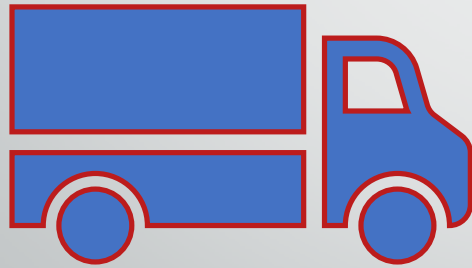




# Supply Chain Quality Agenda

## Tuesday a.m

- Security Share – Supplier risks where it's not apparent that parent company is out of Hong Kong – Amber Romero
- New Task SC-21-01 Collaborating DOE Leverage with Suppliers – Dennis Owens – SNL
- Supply Chain Resilience SNL's approach to building a reliable and resilient Nuclear Deterrent Supply Chain – Dennis Owens – SNL
- Supply Chain Improvement Initiatives – Tamara Weary – LANL
- Suspect Counterfeit Item / Prevention Hotspots and COVID-19 Related Fraud Schemes – SCIWG Activities – Gabby Holcolmb – DOE-HQ



# Supply Chain Quality Agenda

## Tuesday p.m.

- HEPA FTF Issues – Sonya Barnette – DOE-HQ
- Approval of ISO-17025 Accredited Suppliers & ISO-17025 changes re: accreditation label and uncertainties – Ken Nadeau-LANL.
- Minimizing introduction of Counterfeit Items in DOE Supply Chain – Louie Gomez – DOE-OIG





# Supply Chain Quality Agenda

## Wednesday a.m.

- Safety Share – Adapting to Change – Bill Wingfield - LANL
- MSL Training – Kristin Bell – SNL; Dave Hebert – KCNSC & David Hicks KCNSC
- MSL items for future MSL development – Dave Hebert – KCNSC
- Potential Task SC-21-02 & 03 MSL talks to sites ASL & DOE MOA to use the MSL – Jeffrey Winter – DOE-HQ
- Task SC-18-03 DOE EM Single Approved Supplier List – Update the MSL POC List – Bill Wingfield – LANL

# Supply Chain Quality Agenda

## Wednesday p.m.

- Task SC-20-04 Video Assessments / eAudits Remote Auditing – Dennis Owens – SNL
- Virtual Assessment Hybrid Techniques for Efficiency – Amber Romero – SNL
- Focused Improvement Virtual Supplier Audits – Joe Fulghum – SRS
- Remote / Virtual audits extending due dates – Julie Snelling – PNNL
- Open Discussion – Potential Tasks – Julie Snelling
  - NIAC Checklist Rev?



# Supply Chain Quality Agenda

Thursday a.m.

- Supplier Audit Schedules April 2021 – Dec 2021 – Julie Snelling, PNNL



VACANT, Chair

VACANT, Vice Chair

John Verderber (WRPS), Secretary

# Policy and Procedures



Vicki Pope (LLNL), Chair

Teri Vincent (CNS/Y-12), Vice Chair

Marylou Apodaca (SNL) & Carol  
Olijar (ANL), Secretary

# Software Quality Assurance

# SQA Agenda Highlights

## Tuesday, April 20th 10:30 am – 5:00 pm (EST)

- SQA-Related Issues from Office of Nuclear Safety Enforcement (11:00 am)
- DOE Guide 414.1-4A Revision & Toolbox Future (11:40 am)
- NQA-1 SW Subcommittee Agile Mapping (12:30 pm)
- Applying SQA Requirements to R&D Software (1:45 pm)
- Artificial Intelligence Software Development (2:40 pm)
- Software Gone Wrong - current events (3:40 pm)

## Wednesday, April 21st 10:30 am – 5:00 pm (EST)

- Briefing on SQA-Related Standards and Orders Matrix (10:45 am)
- Subtask Activities Overview (11:15 am)
- Subtask Breakout sessions – see below (11:35 am & 2:35 pm)
- Creating a Safety/Security Library for Your Code (1:35 pm)

## Thursday, April 22nd 10:30 am – 1:00 pm (EST)

- Subtask Breakout sessions – see below (10:45 am)
- Plan Future Monthly WebEx Calls and Fall Meeting (12:30 pm)

## Breakouts for Task Subgroup Work, throughout

- Internet of Things
- Toolbox Alternatives
- Testing Spreadsheets
- Matrix of Software Standards, Orders, and Policies
- Software Graded Approach
- Guidance for Cloud-Hosted Software



# FY21 Published White Papers

- **Better Application of DOE O 414 to All Software:**
  - WP-2021-SQA-QA-SQA-001
- **Matrix of Orders and Policies Affected Software:**
  - on-going

# Current SQA Sub-tasks

- Internet of Things
- Toolbox Alternatives
- Testing Spreadsheets
- Matrix of Software Standards, Orders, and Policies
- Software Graded Approach
- Guidance for Cloud-Hosted Software



# SQA Challenges

- Diversity of sites:
  - Size
  - Mission/focus
  - Sponsor: EM, NNSA, OS
- DOE O 414.1D applicability to ALL software
- DOE Toolbox Qualifications, Coordinating, and Sharing Software Vendor Assessments





Spencer Daw (INL), Chair

John Hendricks (Curtiss  
Wright), Vice Chair

Sandra Schindler (Sandia),  
Secretary

# Procurement Engineering Quality





# EFCOG SPRING MEETING PETG AGENDA

## Day 1 – Tuesday, April 20<sup>th</sup>

- Procurement Engineering Task Group Update
- CGD for Replacement Parts vs. CGD for New Design
- Perspectives from a Retiring Senior Engineer
- Procurement Engineering in the COVID Era (Round Table)
- Task 5 Status and Update
- CGD Case Study Workshop

## Day 2 – Wednesday, April 21<sup>st</sup>

- Cyber Security Risks Presentation
- Task 3 Presentation
- Engineered Procurement Effectiveness
- What is a Procurement Engineer
- Present each of the FAQ's created to date
- FAQ's 1-5 and Break Out Sessions

## Day 3 – Thursday, April 22<sup>nd</sup>

- Specification and Procurement Strategy Development Workshop
- Prospective Tasks for Group Ongoing
- EFCOG Website Review and Meeting Closeout

# FY21 Accomplishments

- **In Process Tasks:**
  - Task 5 – Acceptance of item/services in accordance with Part I of NQA-1
  - Task 3 – Sample CGD Plans
  - Task 4 – Frequently Asked Questions
- **Supply Chain Initiative Task-6 Engineered Procurement Effectiveness Improvement:**
  - Nearing the finish line. Compilation of Best Practices from 5 DOE Sites on Engineered Procurements
- **Other Items:**
  - New secretary is Sandra Schindler from Sandia



# FY21 Goals

- **Lessons Learned and Best Practices:**
  - Complete 3 additional “Lesson’s Learned” and “Best Practices” white papers
  - Continue to add FAQ’s and responses (minimum 3)
- **Ongoing Tasks:**
  - Continue work on ongoing PETG Tasks
    - Sample CGD plans
    - Engineered Procurement Effectiveness
    - Item Acceptance via NQA-1 Part 1
- **Expand our Reach:**
  - Increase group participation by 25%
  - Ensure all sites are invited to participate



# Thank You!

- Time and Contribution
- Innovation
- Dedication

EFCOG Website: <https://efcog.org>



# Wrap up and Adjourn

## QA & ISM Subgroups Spring Meeting April 19-22, 2021

This meeting is marked as EXEMPT in the DOE Conference Management Tool Event ID# 42554.

There is no cost to register for this meeting.  
No meals will be provided during this meeting.

### Joint Session of QA&ISM Subgroups

Monday April 19<sup>th</sup>  
12:00 pm EST - 4:00 pm EST / 9:00 am PST - 1:00 pm PST

### Breakout Sessions

Tuesday April 20<sup>th</sup> through Thursday April 22<sup>nd</sup> (Approximate times)  
10:30 am - 5:00 pm EST / 7:30 am PST - 2:00 pm PST


### AGENDAS

[Joint Agenda](#)

- [Contractor Assurance System](#)
- [Human Performance Improvement](#)
- [Procurement Engineering](#)
- [Safety Culture](#)
- [Software Quality Assurance](#)
- [Supply Chain Quality](#)
- [Work Planning and Control](#)

### REGISTER

If you have problems registering please try another browser. I.E.-Internet Explorer does not always function with this registration platform.

Time Zone Key

Zone	Time
EST	10:30
CST	09:30
MST	08:30
PST	07:30

### INTEGRATED SAFETY MANAGEMENT & QUALITY ASSURANCE Spring 2021 Virtual Meeting April 19 - 22, 2021

#### Schedule for Concurrent QA/ISM Sessions Tuesday, April 20, 2021 (All times EST)

Time (Eastern time)	Safety Culture	Contractor Assurance System	Work Planning & Control	Supply Chain Quality	Software QA	Procurement Engineering Quality
Call In info	MS Teams: <a href="#">Join Meeting</a>	MS Teams: <a href="#">Join Meeting</a>	WebEx: <a href="#">Join Meeting</a>	WebEx: <a href="#">Join Meeting</a>	WebEx: <a href="#">Join Meeting</a>	WebEx: <a href="#">Join Meeting</a>
Join by phone:	509-931-1284	518-641-1450	415-527-5035	415-655-0002	415-527-5035	314-888-1153
Meeting ID:	223 475 513 ##	190 713 713 ##	199 649 1591 ##	133 443 4234 ##	199 984 6203 ##	130 008 1864 ##
Meeting Times (EST)	12:30 pm - 4:00 pm	10:30 am - 4:30 pm	2:00 pm - 4:00 pm	10:30 am - 4:30 pm	10:30 am - 5:00 pm	10:30 am - 4:30 pm
Link to Group	<a href="#">Safety Culture Agenda</a>	<a href="#">CAS Agenda</a>	<a href="#">WP&amp;C Agenda</a>	<a href="#">Supply Chain Agenda</a>	<a href="#">SQA Agenda</a>	<a href="#">Procurement Engineering Agenda</a>

\* Click on agenda title to open individual group's agenda.