



Supply Chain Happenings at NNSA HQ



Prepared for EFCOG ISM & QA FALL MEETING,
November 1 to 4, 2021

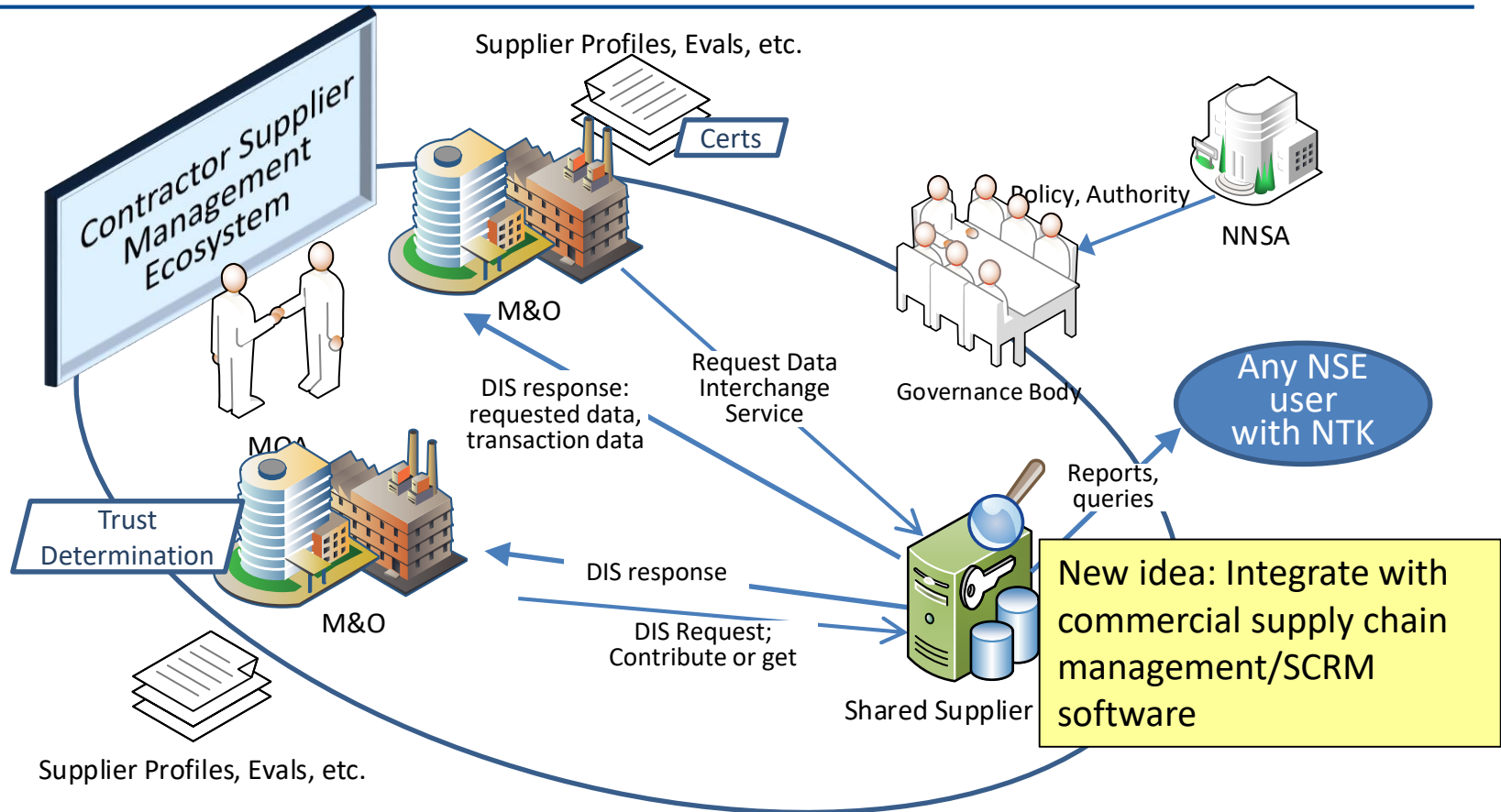
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NATIONAL NUCLEAR SECURITY ADMINISTRATION OFFICE OF DEFENSE PROGRAMS

- **Follow up of my presentation from Spring 2021**
 - **Context**
 - **Potential Task SC-21-02 – Integrated or Interoperating Supplier Lists across Sites** ~~MSL talks to the sites' ASL~~
 - **Potential Task SC-21-03 – DOE MOA to use the MSL**
- NNSA's interest and activities related to risk in Supply Chain/Industrial Base has increased, comes from many disjointed vectors, and borders on frenetic.
- We are totally siloed. I'm trying to help stitch it all together, without a mandate to do so ;)
- HQ perspective is focused on summary level issues.
 - NNSA-level (cross-enterprise) management
 - Reporting to Executive and Legislative branches.

Reminder: Concept of Operations



1. Internal ASLs, as an M&O concern, internal to the contract.
2. An enterprise approach: M&Os exchange and mutually benefit from shared Supplier Lists (SL), supplier evaluations, and other supplier/product information.
3. A policy aspect, either driven from NNSA or as a MOCA (DPPBS)/MOA.

Review: Existing Policies for Procurement and Supplier Assessment in DPBPS

R013, Control Supply Chain

4.1.2 Procurements FR60390

The design agency (DA) must include the production agencies (PA) in the **selection, development, and justification of vendors** for Class B material **per T038**.

Rationale: The DA or Product Realization Team should consider designating Class B material for the following reasons: a) A limited number of suppliers will have the knowledge and skill to build the desired quality into the required quantity of an item by the time a production order needs to be placed. b) Development of other suppliers is cost prohibitive because of security-cleared facilities, production tooling, test equipment, or personnel training.

FR22861

PAs must **document a make-or-buy decision** ...

[Guidance for New material, when to use previous make-or-buy decisions, and cost, schedule, and performance requirements.



T038, Procurement Definition

Sections of Interest:

- ***Class A or Class B (Specified by DA)***
- ***Source Selection requirements***
- ***Supplier Assessment***
- ***General Facility Survey***
- ***Quality Program Requirements***

4. SUPPLIER ASSESSMENT INFORMATION

Exchange of information concerning a supplier's capability to develop and manufacture acceptable product and meet quality program requirements should be shared among NSE sites. This information sharing would use mutually agreed to criteria between exchange partners.

T038, Procurement Definition has what we need, but is weak!!!



- DPBPS content change request (CCR) R013-256 has been entered into the CCR System for review.
 - Action: Move T038 section 4 into R013 and rewrite as a requirement.
 - Reason: Efforts to make sites collaborate should be Federal requirements. As written is too vague and becomes a matter of volition. Intersite collaboration and information sharing is an important aspect of improving supply chain practices and belongs in R13. Also, NSE needs mandated standardization.
 - Notes: Master Suppliers List (MSL) at KCNSC is a start. Refer to EFCOG supply chain quality working group, Bill Wingfield (LANL) and Amber Romero (SNL).
- On agenda DPBSP Configuration Management Board (CMB) next Tuesday, November 9
 - Co-sponsor in weapon quality
 - Rule of thumb. 18 months for revision. 24 months for new.
 - R013 is scheduled for 'on-cycle' (routine) revision during FY22.



Risk Management Action at HQ

- NNSA NA-18, Ken Shires, Chair of Supply Chain Risk Management (SCRM)-Team
 - Started within past year. Still getting its feet wet. Significant push to normalize.
 - Had a call with Ken, Bill W., and Jeffrey
 - EFCOG Supply Chain Quality WG should plug into broader NNSA SCRM framework
- Top-down programmatic pressure for Risk and Opportunity Management
 - All programs are having to adopt more rigor
- In organizations like NA-19, programs like plutonium, uranium, tritium, explosives, and CSA's are adopting supply chain risk management (SCRM).
 - Significant push to normalize.
- New Industrial Base group in NA-183.
 - Respond to Executive Order 13806, Assessing and Strengthening the Manufacturing and Defense Industrial Base and Supply Chain Resiliency of the United States
 - Coordinated meeting between Bill W. and Dennis Emmert to maintain mutual awareness, with respect to EFCOG Supply Chain Quality, Task: SC-21-01 – Expand Nuclear Security Enterprise (NSE Supply) Base
- Conclusion: Lots of action, discovery, meetings, and chaos. Increase in data calls to sites and programs