



21 April 2021

**NDIA Systems Engineering Division (SED) Meeting
Systems of Systems and Mission Engineering (SoS ME)
Committee Report**

Co-Chairs:

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John Daly, Booz Allen Hamilton

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Richard Poel, Boeing

SoS ME Committee 2021 Goals & Objectives



- *Increase reach of SoS webinars to incorporate ME topics*
- *Engage OSD ME Leadership on Industry Engagement via NDIA division – and broaden to Service ME organizations*
- *Partner with M&S and Architecture committees on use of modeling, simulation and digital engineering to support ME*

Key Actions – SoSECIE Webinars

- **Systems of System Engineering Collaborators Information Exchange (SoSECIE)**
 - Continued webinars in 2021 with MITRE hosting and sponsorship in partnership with NDIA SoSME Committee
 - Currently scheduling presentations from the SE/ME Conference offering with an increasing emphasis on mission as well as SoS
- **Webinars continue with good participation** (55-134 across 2020 webinars with average of over 80 at each)
- **Working with NDIA to host announcements** or links to seminars on NDIA Website Division page and/or NDIA CONNECT
- **Potential Presentation to Division** monthly meeting:
 - Webinar history, experience, plans and available resources
 - Link to current schedule:
 - Link to past presentations and videos

Key Actions – Intro Meeting with OSD R&E on ME

- Held introductory meeting with USD(R&E) Mission Engineering: Mr. Elmer Roman and Mr. Marc Goldenberg on 23 March 2021.
- Outcomes of meeting were overall agreement of USD(R&E) to participate in:
 - A Cross-Division effort led the SoS ME committee including the modeling and simulation and architecture committees as well as other interested SED members.
 - **Use** the current ME Guide to focus our activities including looking at ME terminology, methods and products as described in the current version of the guide, first to inform members of the current ME approaches and to solicit input on their ME efforts.
 - **Engage** SED members on the models and tools they use to Industry in conduct ME and to share experience with USD(R&E) to improve the ability to conduct ME.
 - **Explore** methods/types of engagement between DoD and industry on ME to better understand what DoD would like from industry and likewise what industry would like from ME.

In Progress – 10 May ME Initiative Kick off

- **Kickoff collaborative session between USD(R&E) ME and NDIA SED in an open workshop forum is tentatively scheduled for 10 May 2021, hosted by the SoS/ME Committee (virtual):**
 - SED Architecture and Modeling and Simulation committees have been invited to **partner with SoSME.**
 - **Open invitation** to any SED committees and members to participate
 - An inaugural **Cross-Division effort** on an area that has reach broadly across the SED
- **Invite ME leads in R&E, A&S, and Services/Agencies to more broadly participate in SED**

Future Events – Potential for ME Initiative

- **Potentially a special session at 2021 SE and ME Conference in October 2021, or possible workshop possibly in context of the Conference.**
- **Mission Engineering Industry Workshop – Workshop on "How industry supports mission engineering activities and experience" possibly in context of the Conference**