INCOSE Patterns Working Group: Meeting Minutes

Meetings: **July 5, 2016   by web conferencing**

	First	Last Name	Affiliation	email
1.	David	Cook	Moog Aircraft	dcook@moog.com
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4.	Matthew	Hause	PTC/Atego	mhause@ptc.com
5.	Bob	Kelley	Purdue U.	kenley@purdue.edu
6.	Crash	Konwin	Booz Allen Hamilton	konwin_kenneth@bah.com
7.	Charles	Krueger	BigLever *(PLE WG Co-chair)*	ckrueger@biglever.com
8.	Malcolm	Lunn	Ford Motor Co.	lunnmalcolm@me.com
9.	Troy	Peterson	Booz Allen *(Patterns WG Co-Chair)*	peterson_troy@bah.com
10.	Bryan	Pflug	Boeing	bryan.k.pflug@boeing.com
11.	Marilyn	Pineda	Lockheed Martin	marilyn.pineda@lmco.com
12.	Jack	Ring	Euduce, Inc.	jring7@gmail.com
13.	RW	Russell	Eli Lilly & Company	rwr.phd.34542@lilly.com
14.	Mike	Russell	Booz Allen Hamilton	russell_michael@bah.com
15.	Frank	Salvatore	Engility Corp. *(Decision WG Chair)*	frank.salvatore@engilitycorp.co
16.	Bill	Schindel	ICTT System Sciences *(PWG Co-chair)*	schindel@ictt.com
17.	Mike	Spoth	Moog Aircraft	mspoth@moog.com
18.	Ajay	Thukral	Cientive Group	Ajay.thukral@cientivegroup.com
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Summary of Meeting:

1. Formal Transition from to Working Group Approved by INCOSE: June, 2016, formal transition to INCOSE Tech Ops Working Group status (formerly Patterns Challenge Team in INCOSE/OMG MBSE Initiative.)
2. Review of team events at IW2016: Strong engagement turn out by 88 participants in three joint working group project events at INCOSE IW2016 in LA, January, 2016. Joint SoS-Patterns WG Workshop, joint Agile Systems WG-Patterns WG review of ASELCM Pattern; joint PLE-Patterns WG meeting on project plan.
3. Review of events since IW2016: Co-produced INCOSE Agile Health Care Systems Conference in Chicago, May, 2016.
4. Preparing for IS2016 Events: Next steps in above joint projects, plus Patterns paper presentations at IS2016.
5. Discussion of Member Interest in Future Projects: Decision Analysis; Interfaces; Test Systems
6. Interest in advancing INCOSE web conferencing production quality.

Transition to Working Group:

7. Troy Peterson, Patterns Team co-chair and INCOSE Assistant Director for the MBSE Transformation, reported on the approval by INCOSE Tech Ops of the re-chartering of the team as an INCOSE Working Group. The updated charter is substantially unchanged as to mission and direction, but is updated with the

accomplishments of the team in its first three years. This change to Working Group should improve the visibility of the MBSE Patterns team within the INCOSE community. We will also continue to be a part of the INCOSE/OMG MBSE Initiative.

Joint Sessions at IW2016:

8. Details of these were included in the January 30, 2016, meeting minutes.

Joint Project with Health Care Working Group:

9. More on this successful May conference in Schaumburg, IL, may be found at:

   http://www.incose.org/ChaptersGroups/WorkingGroups/industry/healthcare

10. It included a trial run of the top level view of the Health Care Industry Domain Pattern, used in a group exercise there to evaluate areas of need and early successes in improving system agility in this important domain.

Member Interest in Future MBSE Patterns Projects:

11. Frank Salvatore, Decision Analysis WG chair, discussed interest potential future joint project related to use of patterns to support decisions. There was a short discussion of how S*Patterns support improved decision making. John Fitch expressed strong interest in participating in this project.

12. Matthew Hause discussed enterprise and disaster management pattern interests and opportunities.

13. There was a discussion of historical S*Patterns constructed for systems other than products—manufacturing systems, service and support systems, development systems, etc. Charles Kruege, co-chair of the PLE WG, encouraged inclusion of such an example in the joint project being set up with the PLE WG.

14. There was a discussion of Interface Patterns, or Interfaces in other Patterns. Frank Salvatore reminded the team of a long-standing interest on his part in this area. Rebecca Deschamp discussed current work with test and interface patterns, and possibilities of related joint activity. (NASA Wallops sounding rockets as legacy example.) She described this as part of the larger NASA MBSE Pathfinder Project, led by Dr. Karen Weiland, who has interacted with this team before, and at GLRC 2015 in Cleveland.

INCOSE Web Conferencing Production:

15. Mac Lunn discussed interest in enhancing the future quality of INCOSE produced web conferencing. This is being piloted at the INCOSE Great Lakes Regional Conference in September, 2016.

Action Items:

16. SoS WG and Patterns WG parties follow up together and agree on specific approach to adding more S*Metamodel components to repository of SoS Patterns, then meet at IS2016. (Dahmann, Fitzgerald, Ingram, Schindel)

17. PLE WG and Patterns WG parties follow up together and agree on specific target example legacy system, including data source, for public joint illustration of S*Pattern extraction, then meet at IS2016. (Chale-Gongora, Schindel, Krueger, Peterson)

18. Agile WG and Patterns WG parties follow up together and agree on targeted aspects of ASELCM Pattern for attention in future additions, as well as cases studies from 2015 visits. (Dove, Schindel)

Reference Materials:

19. General web site for Patterns Working Group, charter, meetings listing, etc.:
    http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns