

# Meeting Minutes

**Meetings:** Mar 17, 2015 meeting of Patterns Challenge Team of MBSE Initiative, via web conferencing.

**Participants:**

(\*\*= co-chairs of challenge team)

<u>Name</u>		<u>Affiliation</u>	<u>Email</u>
Cook	David	Moog Aircraft Group	dcook@moog.com
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Massa	Chris	Draper Lab	cmassa@draper.com
Peterson (**)	Troy	Booz Allen Hamilton	peterson_troy@bah.com
Schindel (**)	Bill	ICTT System Sciences	schindel@ictt.com
(Missed one attendee's name)			

**Summary:**

1. Wave 1 Projects: Authors of PBSE-related papers accepted for IS2015 should have final versions submitted to INCOSE by March 27:

- Automated Test in Safety Critical Systems: D. Cook et al, Moog Aerospace
- Reducing Error Escapes in Safety Critical Control Systems: A. Pickard et al, Rolls-Royce
- Automated Ground Vehicles: T. Peterson et al, Booz Allen Hamilton
- MBSE Across the Enterprise: S. Sanyal, K2
- Maps vs. Itineraries: W. Schindel, ICTT System Sciences
- Tracking System Trajectories: W. Schindel, ICTT System Sciences

Drafts of above are shared at:

[http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns\\_challenge\\_team\\_mtg\\_01.26-27.15](http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns_challenge_team_mtg_01.26-27.15)

2. Wave 2 Projects: Status of the new crop of S\*Patterns interested parties and projects:

- PBSE Methodology Summary our team is drafting to add to the INCOSE MBSE methodology summaries listing: Member inputs on updates to this draft were discussed.
- Agile Systems Engineering Life Cycle Model (ASECLM) Project, which will use S\*Pattern representation for the related ASELN Pattern: Workshop sites in progress of being established for 2015-16 (R. Dove et al).
- Other Wave 2 projects mentioned but not discussed, in absence of their leaders: Systems Engineering Social Network Pattern (Hoffman); Health Care Reference Pattern (Thukral); Electrical Power Systems Reference Pattern (Juhasz).

3. Wave 3 Project Candidates: Suggestion by Chris Massa of INCOSE Space Systems WG as potential outreach partner--CubeSat Reference Model as a pattern candidate, well known to SSWG. (See also Dove & LaBarge IS2014 agile systems paper.)

### **Details:**

4. Discussion of PBSE Methodology Summary Draft: Troy Peterson comments:
  - Executive summary suggested (Troy will send example)
  - Summarize existence of SysML profile mapping
  - A few example SysML views

### **Action Items:**

5. SysML Methodology Summary: Team member mark-up inputs (Troy P; all team members)
6. Update the S\*PBSE methodology summary, based on team review feedback, for submission to INCOSE. (Bill S.)
7. Outreach: Follow up with other WGs on potential joint projects using PBSE (Bill S.)
8. Support the four Wave 1 Projects' sub-teams and paper authors, in their updates to their patterns, their applications, and their papers (Sub-team members, Bill S.)
9. Support Midwest Regional Biomedical / Healthcare Working Group interest in reference architecture pattern (Vijay Thukral, Bill S)
10. Support Systems Engineering Community of Practice Social Network Pattern (Chris Hoffman, Bill S)
11. Support Electrical Power Reference Model pattern (John Juhasz, Bill S)

### **References:**

12. General web site for Patterns Challenge Team, charter, meetings listing, etc.:  
<http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns>
13. March 17 meeting agenda, meeting materials, at:  
[http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns\\_challenge\\_team\\_mtg\\_03.17.15](http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns_challenge_team_mtg_03.17.15)