

# Meeting Minutes

**Meetings:** October 14, 2014, web meeting of Patterns Challenge Team of MBSE Initiative, and . . .  
 October 15, 2014, web meeting of manufactured product & automated test sub-team of above.

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

Name		Affiliation	Email	10.14.14	10.15.14
Cook	David	Moog Aerospace	<a href="mailto:dcook@moog.com">dcook@moog.com</a>	X	X
Lewis	Stephen	ICTT System Sciences	<a href="mailto:lewis@icct.com">lewis@icct.com</a>		X
Samson	Fred	Booz Allen Hamilton	<a href="mailto:samson_frederick@bah.com">samson_frederick@bah.com</a>	X	
Sanyal	Saumya	K2 Firm, Inc.	<a href="mailto:sksanyal@visi.com">sksanyal@visi.com</a>		X
Schindel (**)	Bill	ICTT System Sciences	<a href="mailto:schindel@icct.com">schindel@icct.com</a>	X	X
Stege	Dan	Deere, Inc.	<a href="mailto:dan.stege@incose.org">dan.stege@incose.org</a>	X	

**Summary:** (across the two meeting days)

1. We discussed sub-team projects, associated with IS2015 papers being authored across the team.
2. We know of five sub-team pattern projects, and understand that four papers are currently being pursued from these.
3. Reported on the INCOSE Great Lakes conference of previous week, including attendees expressing interest in this team.
4. Reported on the addition of pattern sharing repository pages on the team’s file sharing web site.
5. Reported on plans for specialized (Agile Systems) break-out session this team is co-sponsoring at the IW2015 MBSE Workshop, along with the Agile Systems Working Group.
6. Beginning plans for working meeting of this team at IW2015.
7. Discussed some of the details of automated system test application and plans for related IS2015 paper.
8. Discussed some of the details of plans for cross-functional enterprise pattern example and IS2015 paper that includes PLM Information System content.
9. We will meet again in two weeks, on Tuesday, October 28, at 4:00 PM EST.

**Details:**

10. Pattern construction in active progress by several sub-teams:
  - Product (Oil Filter) and its Manufacturing System: Bill Schindel, Stephen Lewis (ICTT), Saumya Sanyal (K2 Firm)
  - Automated Test System: David Cook, Moog Aerospace, Bill Schindel, ICTT
  - Verification System: Andy Pickard and Rolls-Royce colleagues
  - RC and Autonomous Car: Troy Peterson and BAH colleagues, Bill Schindel, ICTT
  - Aerospace Electronic System: Tamara Valinoto and her NGC colleagues (we are recently out of touch with this team and not sure if they are doing an IS2015 paper)

11. David Cook walked us through some of the aspects of his work with model-driven automated test systems, and we discussed showing how these can be leveraged with S\*Patterns, along with a related IS2015 paper.
12. The new pattern sharing repository pages can be located through the link at the bottom of the team's web page at <http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns>

**Action Items:**

13. Catch up with NGC and coordinate team meeting calendars. Identify potential interest in seeing how to structure patterns with shared content and unshared private content. (Troy Peterson, Tamara Valinoto)
14. Collaborate on specific illustrations of S\*Pattern form of verification patterns provided by Andy Pickard (Andy, Bill)
15. (Each pattern sub-team) Continue working on individual patterns, to stay ahead of the pattern review schedule:

Sessions	Configurable S*Pattern Construction
Aug	Configurable Features Model; Domain Model
Sep	Domain Model; Interactions; States
Oct	Detail Interactions; Requirements; Attribute Couplings
Nov	Logical Architecture; Detail Interactions; Requirements
Dec	Physical Architecture; Failure Modes
Jan	More about configuration rules

16. Use Global Meet's audio recording feature for next meeting, adding audio record of meeting (Bill S)
17. Generate meeting minutes and distribute to attendees and interested parties. (Troy P, Bill S)
18. Support IS2015 paper(s) from project teams (All interested team members, Bill S, Troy P)
19. Report to MBSE Initiative on Challenge Team plans and status (Bill S)
20. Continue to work with Rick Dove on IW2015 joint session (Bill S)
21. Discuss possible collaboration with Midwest Regional Biomedical / Healthcare Working Group (Vijay Thukral, Bill S)

**References:**

22. General web site for Patterns Challenge Team:  
<http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns>
23. Patterns challenge team Charter (see web site)
24. October 14 meeting agenda and meeting slides, at  
[http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns\\_challenge\\_team\\_mtg\\_10.14.14](http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns_challenge_team_mtg_10.14.14)
25. New pages on the Patterns Challenge Team web site, for the individual sub-team patterns, found at bottom of the general web page for our Patterns Challenge Team
26. Draft of Verification System Pattern, by Andy Pickard.
27. Draft of RC Car System Pattern, by Troy Peterson
28. Extracts from Oil Filter Pattern, by Bill Schindel