

*Prognostics and Health Management
Center of Excellence*

*PHM COE Phase I Advisory Board Meeting
December 08, 2004
Questionnaire*

.COM, .ORG, .Other

Name: _____ Organization: _____

1. Are you a

- Decision Maker
- Technology Lead
- Decision Influencer
- Other, please specify

2. Why did you attend this meeting?

3. Is your organization a

- Developer of PHM technologies/capabilities?
 - If so, of what?

 - Of the above, what do you see could be leveraged for the PHM COE?

- User or in need of PHM technologies/capabilities?
 - What is your **NUMBER ONE** technology need? For the one you select, please specify one of Machinery PHM, Electronic/Electrical PHM, Structures PHM. Please also identify requirements and targets AND drivers and targets.
 - Information Systems Development
 - Technology analysis and development
 - Technology test and Experimentation
 - PHM Integration

- 4. Which PHM topics have high potential for multi-company cooperation?**
- 5. Does your industry association collect funds for sponsored research?**
- Yes
 - No
- 6. Does your company sponsor PHM R&D at universities?**
- Yes
 - No
- 7. What IP would your company be willing to have assessed by Sandia for potential use by COE participants?**
- 8. Which PHM topics will probably require proprietary solutions, e.g. data analysis tools & techniques?**
- Does your company have a specific program or plan to address these topics?
 - No
 - Yes. Please describe.

9. Do you have data regarding the impact of PHM topics within your company?

- No
 - Do you believe your organization could benefit from the PHM COE's
 - Warehousing of other data sets? Please describe how.

 - Analysis (results) of other data sets? Please describe how.

 - Algorithms (yours or others) applied to other data sets? Please describe how.

 - Anything to do with other relevant data sets? Please describe.

- Yes
 - How can it be utilized to benefit your need?

 - How can it be leveraged to benefit the PHM COE?

10. Which government offices sponsor PHM research of relevance to you?

11. Does your company support the concept of joint work proposals with Sandia?

- Yes
- No

12. Are there other groups that Sandia should work with because they are already addressing a portion of your PHM need?

- No
- Yes, please specify.

13. Do you have any documented PHM cost-savings metrics which can be used to help advocate the PHM needs and alternative funding sources?

- No
 - Why not?

- Yes
 - What are they?

 - Are they available today?
 - Yes
 - Will you, can you, share them? With Sandia? With the PHM COE?

 - No
 - When could you make documented cost-savings metrics available?

 - Do you need help in getting them made available?
 - No

 - Yes
 - What would it take to get it there?

 - Would you be willing to fund the activities to get them there (either independently or jointly)?

14. Do you see value in a PHM COE?

- No
 - Why Not?

- Yes
 - How?

15. What more do you need to have in your back pocket to convince your management to support, beyond verbal agreement, to commit to the PHM COE and what is that form of commitment that you plan to seek?

- How can Sandia help?

- What do the participants here this week, the “potential” board members, need to do to help you?

16. Did we, Sandia, meet your expectations for this meeting

- Didn't have any
- No
 - What did we miss?

- Yes
 - How can we improve?

17. List action items resulting from this meeting which need to be taken by:

- Yourself?

- Sandia?

- This group of folks (the “potential board”)?

18. What are your next steps, aside from resulting action items, you plan to take regarding the PHM COE?

- How can Sandia help?

- How can the PHM COE Advisory Board help?

19. What are the next steps for the PHM COE and how can you help?

20. Specify your requirements and expectations for the Phase II Advisory Board Meeting scheduled for Feb/March?

21. What barriers do you have/see in PHM funding mechanisms?

- For yourself? Please identify potential barrier breakers.

- For the PHM COE? Please identify potential barrier breakers.

22. Are you willing to commit to the goals put forth for this meeting?

- Commitment to support Sandia's proposals to potential funding sources (e.g., DARPA, NRO, DOE)
 - How?

- Commitment to support further development (e.g., requirements, refinements, issues) of the High-Level PHM COE Science and Technology Roadmap (developed this week) between now and Feb 1, 2005
 - How?

- Commitment to return to Sandia by Feb 1, 2005 with decisions on contracts / SOWs which will be drafted as part of this meeting
 - How?

- Commitment to support the Phase II Advisory Board Meeting (dependent on the former): Phase II / III PHM COE Technology Roadmap Process (somewhat dependent on the former) February / March timeframe
 - How?

23. Are there other commitments you can make to the PHM COE?

- No
- Yes
 - What are they?

24. What are your thoughts on the High-level Technology Roadmap and what needs to be done for preparation for the next PHM COE Advisory Board Meeting?

25. Did you get your dollars worth for this trip?

- No
 - Why not

- Yes

26. Additional Comments