

Process Improvement Ideas for PC-11

Presentation to HDEOCP
December 5, 2006

Background

- HDEOCP voted at the June meeting to form small teams to address the top 4 or 5 ideas for improving the PC-11 process.
- Greg Shank, Steve Kennedy and Lew Williams volunteered to offer a list of ideas for discussion and prioritization to facilitate the work for the small teams.

Ideas for Improving the PC-11 Process (Not in Order of Priority)

- What are the advantages of more closely aligning API C category and OEM specs in PC-11? How do we maximize the utilization of a new category?
- What are the advantages of expanding the API AMAP program for API C category oils? Do you feel the API AMAP program can replace the OEM spec audit process?
- How can we extend the life of PC-11 to a minimum of 5 years?

Ideas for Improving the PC-11 Process (Not in Order of Priority)

- How can we improve the timing of reaching consensus on key PC-11 Issues?
- How can we plan as an Industry for the successful roll out of PC-11?
- How do we improve the communications through out the PC-11 process?
- How do we improve the estimate of timing at all stages of the process in PC-11?

Ideas for Improving the PC-11 Process (Not in Order of Priority)

- How do we generate the data needed in a timely way to correlate old to new tests so we have fewer active tests?
- What are the options for greater industry participation in engine and bench test development? Is the Seq VID model an option?
- Is there a better way to generate BOI/VGRA data early in the PC-11 process?
- How do we better determine industry needs for engines that are not yet commercial?

Way Forward

- What do you think of the ideas?
- Any to add?
- How would you prioritize the ideas?
- Which team(s) would you like to lead?
- Which team(s) would you like to join?