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**Process Safety Management Division Minutes**  
**Division Meeting**  
**October 8, 2015 9:00 – 17:00**  
**Hyatt Regency Calgary (Nielson 2)**  
**700 Centre Street SE, Calgary, Alberta**

(Members Present: Steve Coe, Gerard Chisholm, Edgar Ramirez, Peter Scantlebury, Gerry Phillips, Jyoti Patel, Terrance Wells, Hua Deng, Allison De Man, David Guss, Melanie Wilson, Adrian Pierorazio, Michelle Payne, Roland Andersson, *François Roche*, Eli Vilorio, *Richard Piette*)

(Members Teleconference: *Morley Brownstein, Stacy Fernandez, Parnian Jadidian, Chantal Vienneau, Manny Marta, Marcello Oliverio, Graham Norval, Srikanth Managalam* Italics – not present for the entire meeting)

1. Welcome and Introductions  
The PSM Chair (Pierorazio) welcomed everyone, and full introductions of all in attendance were made. Agreed to rearrange the agenda so that those calling in could present their portions when they are available to call.
2. Minutes of the last Division meeting (April 2015, Toronto)  
Pierorazio reviewed the meeting, it was a disaster, there wasn't a quorum, there were no minutes, just notes that he took, which we will post on the PSM webpage.
3. Results of PSM Survey  
Pierorazio reviewed the results in terms of what they mean for the division Workplan/next steps. There was a very low response to the survey in general so although it was intended to get an idea of what the division should be concentrating on it wasn't as informative as it could have been. Will discuss more in the Workplan discussion.
4. Review PSLM Symposia at CSChE 2015  
Pierorazio thanked Patel and Guss (co-chairs) for a phenomenal job on behalf of the division. Lots of discussion on how to attract more students, what themes for next year, value of poster vs oral presentations, award sponsor (Atkins is sponsor), award lecture will be 1 hour, need nominations for next year, who will co-chair next year (Lecoursière, Roche (co-chairs),



Wilson (vice chair, to co-chair in 2017)), Minerva/Waterloo awards, lots of action items came out of this discussion. Suggestions for symposia:

- Lessons learned at end of day to attract students
- PSM adoption by industry, real-life examples
- Application of PSM in globalization
- Long-term/life cycle approach to PSM
- PSM for pipelines
- PSM for non-process industries, i.e. mining, transportation
- Dust explosions

**ACTION 1:** Guss create a summary of the document that he and Patel prepared for all chairs

GUSS

**ACTION 2:** Payne to provide Pierorazio with Quebec City Student Program Contact information, Pierorazio to contact them to try and get a PSML workshop into the Student Program

PAYNE, PIERORAZIO

**ACTION 3:** Pierorazio to contact Amy Reckling (CIC Career Development Leader) to see how PSMD can be more involved with CIC student programming

PIERORAZIO

**ACTION 4:** Payne to add a paragraph on all conferences to explain how authors can withdraw their abstracts

PAYNE

**ACTION 5:** Payne to coordinate with Brownstein and Phillips for old conference presentations and technical papers

PAYNE, PHILLIPS,  
BROWNSTEIN

**ACTION 6:** Oliverio to work on/with a nomination committee to solicit names for 2016 and beyond nominees

OLIVERIO

**ACTION 7:** Roche to approach Lecoursière to co-chair next year's PSLM symposia

ROCHE

**ACTION 8:** Andersson to approach Péloquin (CSCHE 2016 Vice Chair to be a co-chair of PSLM symposia)

ANDERSSON

#### 5. Environmental Risk Working Group Update

Marta reviewed the progress made by this group to date, has two presentations that outline accomplishments to date and next steps, looking for more representation in the group. Also wants the division to purchase software to help with teleconferences/document sharing (Andersson committed CSCHE to pay for this for 1 year, as outside of the budget for the Division).



**ACTION 9:** Marta and Payne to coordinate to work out payment details for web/teleconferencing software purchase and registration  
MARTA,  
PAYNE

6. Risk Matrix Sub-committee Update

Guss provided update on what's been going on, he had a presentation outlining plans, at this point the primary purpose has been information gathering, 3-month timeline for this part, if there is enough interest will put together a more detailed plan, perhaps work with Oliverio's group.

**ACTION 10:** Guss to prepare list of contacts and create a list of next steps to get this moving forward  
GUSS

7. CSA PSM Standard Status Update

Norval called in to present current status. Public review of standard just closed, as of two weeks ago there were 116 comments. Tara Leitan (CSA) will update this number early next week (week of October 13<sup>th</sup>). October 20<sup>th</sup> will be a face-to-face meeting, Leitan will be leaving on maternity leave at end of October wants to have as much completed before she goes. Couple of sticking points, but those have been resolved so that both regulators and other committee members are happy. There will be a CSA webpage for the standard, he needs sponsor logos to give to Leitan, 767 is official standard number, article about it in next month's ACCN, all in all very positive.

**ACTION 11:** Andersson to get logos of all sponsors to Leitan ASAP  
ANDERSSON

**ACTION 12:** Mangalam and Norval to follow-up with questions  
MANGALAM, NORVAL

8. Risk Assessment Expert Committee Update

Oliverio reviewed progress to date, work had already begun, but has been put on hold for the CSA PSM Standard. Lots of discussion on what the purpose of this should be, about criteria, combining the 3 existing documents into 1 or leaving 3 separate documents, next steps: re-examine scope, expand or maintain risk matrices, looking for international input, Oliverio has sent a bunch of emails, but has little or no response.

9. External Organization Updates (page 7)



**Managalam** provided regulatory updates, TSSA is pushing to create a risk-based standard for regulatory agencies (Standards Canada), says regulations are moving to become performance based which is all the better for the CSA PSM Standard, talked about a missed opportunity with pipeline codes.

**Roche** said that there are 3 new industry standards on LNG that are looking for public comment, all will be issued next year, 1173 standard coming out.

**Wilson** has gotten nowhere with CEPA, will keep working on it.

**CCPS** vision 20/20, engagement with educational side, \$9 million investment.

**CAPP** new KPI standard, inline with 754, status quo on reporting.

Discussion that turned to PSM Certification process with IChemE and CCPS, Guss applied for IChemE cert. in November of 2014, finished June 6, 2015, 1<sup>st</sup> of 2 people in Canada certified, LONG process, Piette and Guss are in process for CCPS certification, don't have to be an AIChE/CCPS member to be certified, another long process with an exam.

#### 10. Workplan Review

What will the division take on in the short-term, where should the focus be, taking guidance from the results of the survey, companion materials for CSA PSM Standard, MIACC documents, PRIM not real priority, main concentration get the word out about the Standard and PSM in general, need some new, strong approaches. Suggestions include:

- Training modules/travelling "road show", roll out the Standard
- Piette suggested tying this in with courses already on offer through the CIC
- ½ day workshop to introduce Standard
- Andersson suggests ICE2016 is perfect place for this overview workshop
- Chisholm will approach Environment Canada to get word out
- 2 newsletters a year about PSM to send to the division, can include Standard news here
- PowerPoint presentation members can use to generate new membership

**ACTION 13:** Phillips and Pierorazio will work on creating a ½ day workshop for CSA PSM Standard to be held at ICE2016 in Edmonton

PHILLIPS, PIERORAZIO



**ACTION 14:** create 2 newsletters/yr (min) to distribute to division members

PATEL, PIERORAZIO, PAYNE

**ACTION 15:** create a PowerPoint presentation for members to use when talking about PSM and CSA PSM Standard

NORVAL

**ACTION 16:** update to CSA action, talk with CIAC (LAURIN/HENSELWOOD), PIERETTE

**ACTION 17:** get more publications up on the website

PAYNE,  
BROWNSTEIN

#### 11. Next Meeting

February 11, 2016, Enbridge, Toronto (Oliverio to host)

Spring meeting Wilson or Guss to host dates proposed June 23<sup>rd</sup> (1), May 12 (2)

October 17, 17:00 AGM, need host and date for Division meeting to attract more members to attend

**ACTION 18:** Guss and Wilson to determine if their organizations can host the Spring meeting

GUSS, WILSON

- Meeting Adjourned