

Feedstock Subcommittee Meeting Minutes August 20 1015

Attendees: Mark Brayden, Andre Bernard, David Smith, Joe Lally, Steve Coleman, David Hood, Lee Ann Nairn.

Agenda and Notes:

1. Read anti-trust statement (Joe Lally)

"No activity of the Committee shall involve the exchange, collection or dissemination among competitors of information or be used for the purpose of bringing about or attempting to bring about any understanding or agreement written or oral, formal or informal, express or implied, among competitors, with regard to costs, prices, or pricing methods, terms or conditions of sale, distribution, production quotas or other limitations on either the timing or volume of production or sales, or allocation of territories or customers."

2. Report from Main Committee Meeting – Tom (by email)

November 2: Call for papers closes

December 1: Accept / Reject Abstracts

Guidelines on subcommittee membership – Main committee to publish minutes – future discussion.

3. Reviewed Feedback from 2015 EPC Session, focusing on ideas for papers for 2016, of which there were three.

4. Chair Mark Brayden/ Joe Lally Co-Chair 2016

5. (Initial) Brainstorming of ideas for papers at 2016 EPC

1.) Hold over from last year: Zhenning (Baker Hughes), impact of feedstock impurities on compressor fouling.

Session Feedback

1.) Mercury from shale gas – Two maps were presented in the past in our sessions (shown below). Neither specifically answers the question on the impact of shale gas on mercury concentrations in natural gas or other products from these fields. For instance, there is some mercury in Eagle Ford condensate. In the past I was under the impression that all wellhead gas was treated for Hg, but someone told me that this is not correct. Most treat, but some do not. Maybe Jay can comment on whether there is enough here to pursue.

A. 2010 paper 135a Vickery & Nelson

B.) 2015 paper 145d, Gorawara *et al.*

2.) Steve described a Nalco presentation given by Sam Lordo to Lyondell on the impact on upstream products. Would Sam Lordo present this topic? (Action Item: Dave Smith to explore.) The presentation at Lyondell required 45 minutes. Maybe we could tie a talk on analytical techniques to this talk? Dave was also asked to explore whether the presentation could be shared among our subcommittee members.

3.) Update on feedstock contaminants survey: Consensus is that this would need to be started immediately after AIChE Spring Meeting to get ready for the following year. So, two things to explore are the timing requirements, thus would it be 2016 vs 2017? Also, the Main Committee has to grant permission from EPC? (Mark to explore options through Tom)

4.) Steve will investigate Primary Fractionator Fouling due to contaminants. Steve will check with Chevron.

5.) Dow is doing impurity work on the U of Ghent pilot cracker. Mark will investigate whether Dow will allow it and whether Professor van Geem would have something to present. Also, may be something already being prepared for EEPC in October. (Mark)

6.) Other ideas or suggestions?

Please send me any corrections or additions.

Sincerely,
Mark Brayden