

**UPM 17040**

**An Update to the API Chapter 20 Standards**

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**Abstract**

Our proposed paper will include current status updates for the five API Chapter 20 allocation standards that reside in the COPM CPMA committee. David Courtney is the acting CPMA chair for Steve Baldwin (Chevron). Matt Zimmerman is the 2nd vice chair for the CPMA committee and the chair for the Draft Standard Application of Hydrocarbon Phase Behavior Modeling in Upstream Measurement and Allocation Systems. Pamela Chacon is the chair for the 20.3 standard, Measurement of Multiphase Flow. The paper and presentation will go into some detail for each of the five standards which will include the scope, introduction, table of contents, and an overview of the main concept of the content of the standards. We will also discuss any industry gaps that these new standards will help fill.

The significance of this paper to the technical knowledge base of the industry is that these standards will be what most companies will reference and use to help them build their internal allocation processes for oil and gas. They will also help validate the volumes derived from those allocation processes to their business partners and royalty owners. Four of the five standards are new standards that have only been in existence for a couple of years with one of them just being published this past August. The chapter 20.1 standard has been published for quite some time but it is toward the end of a major revision with the updated version projected to be published in 2017.

The standards are:

Chapter 20.1 - Production Allocation Measurement

Chapter 20.2 - Production Allocation Measurement Using Single Phase Devices

Chapter 20.3 - Multiphase Flow for Production Allocation Measurement

Chapter 20.X - Draft Standard Application of Hydrocarbon Phase Behavior Modeling in Production Allocation Measurement Systems

Chapter 20.5 - Well Rate Determination for Production Allocation Measurement