



ASME Research & Technology Committee on Water and Steam in Thermal Systems

MEETING MINUTES: Main Committee Fall Meeting

MEETING DATE: November 7, 2018

LOCATION: IWC – Scottsdale, AZ

ATTENDEES:

NAME	AFFILIATION
Eric Kangas	Nalco Water
Jim Bellows	James Bellows & Assoc.
Aizaz Ahmed	NOVA Chemicals
Brian Martin	Marathon Petroleum
David Daniels	M&M Engineering
Vickie Olson	Honeywell

NAME	AFFILIATION
Allan Harvey	NIST
Bob Bartholomew	Sheppard T. Powell Assoc.
Debbie Bloom	Retired
Tony Banweg	Retired
Wayne Bernahl	WB Enterprises
George Patrick	Suez

Summary of Meeting Discussion:

A. Harvey opened the meeting. The minutes from the previous meeting (Apr 2018 @ NIST) were questioned. These minutes were not previously distributed (my apologies) but have been posted on the ASME website. E. Kangas will distribute the Apr and Nov meeting minutes at the same time AND provide instructions for how to access all prior minutes and other information from the website.

For those interested in accessing minutes from past meetings, these are all available on the ASME website. Visit this link: [ASME Meeting Minutes](#)

E. Kangas reviewed account financials. October financial summaries did not include YTD totals. Consequently, the Jun 2018 YTD summaries had to be utilized for this update. Reported account balances are as noted below:

\$52,341.41 Main Committee (Fund 4-0151)

\$49,660.08 Properties Subcommittee (Fund 4-0155)

D. Bloom provided some metrics (summarized below) that show how IWC attendance has changed in recent years. Additionally, the team discussed that the ASME sponsored sessions were well attended this year with good engagement. The ASME sessions averaged 65-70 people in attendance.

	Orlando 2015	San Antonio 2016	Orlando 2017	Scottsdale 2018
Total IWC Registrants	878	904	928	869

B. Bartholomew spoke about the intended updates the Water Technology Subcommittee is working on. During the Fall meetings, the group will briefly recap some past updates and focus on the pending brown book updates.

A. Harvey provided an update of the Properties Subcommittee meeting that was held in New York recently. Some of their recent efforts and discussions include the following:

- They are still working on the Excel add-in for the steam tables.
- The proposed updates to the red book are on hold at the moment due to funding concerns.
- 2021 will be the 100-year anniversary of the committee and ASME steam tables work. The group is considering what to do to recognize this milestone.
- It was noted that the US has been invited to host an international IAPWS conference in 2023. Discussions have started regarding how best to handle this, who to coordinate and what venues to consider.

The group discussed ideas for the ASME sponsored sessions at 2019 IWC. Most of the discussion was around topics related to contingency guidelines and actions end users should take in response to upset conditions. The intent is to have a session more focused on chemistry and another focused on equipment (or mechanical and perhaps operational) challenges. We will plan to polish the session titles and continue discussion during the Spring meeting in Gaithersburg. Prior to that, next steps are to start identifying papers that support the session objectives.

<p>SESSION 1 Ideation Chemistry Focus / Contingency Guidelines / Handling upset conditions IWC Rep: TBD Session Chair: Vickie Olson Discussion Leader: TBD</p>	<p>SESSION 2 Ideation Equipment / Mechanical & related Issues that cause problems IWC Rep: TBD Session Chair: Wayne Bernahl Discussion Leader: TBD</p>
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Liaison Reporting:

NACE – No update available.

PPEC – No update available.

IAPWS – A. Harvey spoke about a document in development related to air in leakage. Deadlines for specific updates to this document should be made by Dec 15th, 2018.

A new face was introduced to the Main Committee team during this meeting. **Brian Martin** (Marathon Petroleum) was in attendance for the first time. Welcome Brian.

Camille Cruz is our new ASME contact.

No new business items for discussion.

SAVE THE DATE – Schedule of upcoming meetings:

- Spring Meeting: April 2 – 3rd, 2019 in Gaithersburg, MD at NIST
 - Further details to follow
- Fall Meeting and IWC: November 10 – 14th, 2019 in Orlando, FL
 - More info at <https://eswp.com/water/overview/>

Agenda

ASME Research & Technology Committee on Water and Steam in Thermal Systems

Location: Talking Stick Resort, Scottsdale, AZ

Time: Wednesday, November 7, 2018, 2 PM

1. Approval of Agenda
2. Approval of Spring 2018 Minutes
3. Financial Report Eric Kangas
4. Report on 2018 IWC Sessions
5. Report/plans for Water Technology Subcommittee Bob Bartholomew
6. Report/plans for Properties Subcommittee Allan Harvey (for Harwood)
7. Liaison Reports (NACE, IAPWS, PPEC, etc.)
8. Membership
9. Other Business
10. Discussion of 2019 IWC session(s) in Orlando
11. Adjournment (transition to Water Technology Subcommittee meeting)

REMINDER: Spring meetings April 2-3, 2019 (Tue-Wed) at NIST-Gaithersburg