



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

MEETING MINUTES: Main Committee Fall Meeting

MEETING DATE: November 13, 2019

LOCATION: IWC – Orlando, FL

ATTENDEES:

NAME	AFFILIATION
Eric Kangas	Nalco Water
Jim Bellows	James Bellows & Assoc.
Vickie Olson	Honeywell
Aizaz Ahmed	NOVA Chemicals
Wayne Bernahl	WB Enterprises
Jerry Jones	Nalco Champion
Tony Selby	Water Tech. Consultants
Frank Gabrielli	Retired – GE/Alstom
Brad Buecker	ChemTreat
Andrew Gomes	Nat. Institute of Health

NAME	AFFILIATION
Allan Harvey	NIST
Bob Bartholomew	Sheppard T. Powell Assoc.
David Daniels	M&M Engineering
Colleen Scholl	HDR
Ted Beardwood	BC&T Inc.
George Patrick	Suez
Jim Robinson	Suez
Kirk Buecher	Mettler Toledo
Jan Sengers	University of Maryland

Summary of Meeting Discussion:

A. Harvey opened the meeting. Apr 2019 meeting minutes were approved and can be obtained from the ASME website. Past meeting minutes can also be downloaded.

Visit this link: [ASME Meeting Minutes](#)

E. Kangas reviewed account financials. Oct 2019 financial summaries are as noted below. There are some concerns with the accuracy of both funds and this requires further clarification and resolution from ASME.

October 2019 Statement Balances:

\$44,775.42 – Main Committee (Fund 4-0151)

\$43,516.00 – Properties Subcommittee (Fund 4-0155)

Another IWC is in the books. The team began with feedback and comments related to the 2019 IWC sessions that were just completed in Orlando. The ASME sessions were well attended and very well received. The attendance showed a good mix of youth and experience. The ASME session attendance was estimated to be 70 – 80 people.

C. Scholl indicated that the conference had 907 people registered this year. Reference the attendance trend in the following table.

	Orlando 2015	San Antonio 2016	Orlando 2017	Scottsdale 2018	Orlando 2019
Total IWC Registrants	878	904	928	869	907

B. Bartholomew spoke about the intended updates the Water Technology Subcommittee will focus on in their subcommittee meeting. During the Fall meeting, the team will engage in a working session to make progress on the Brown book (CRTD 34) updates, DA inspection guide, internal treatment guide consensus and related discussions.

A. Harvey shared intentions of the Properties Subcommittee meeting also to be held at IWC on 11/14/19. The team will continue their work on the Excel add-in for the steam tables. There will be discussion about hosting an upcoming IAPWS meeting in the US. Additionally, they will be focusing efforts on planning for the 100-year anniversary of the committee and steam tables. They are still considering what can/should be done to recognize this milestone.

Liaison Reporting:

NACE – T. Beardwood provided an update about the conference held in Nashville this year. It was well attended. Next year’s event will be in Mar 2020 in Houston, TX. Ted informed the team that the Specific Technology Group for Water (STG 11) is looking for a new chair. Interested in this or other NACE opportunities?? Visit the NACE website (www.NACE.org) to learn more.

PPEC – T. Selby shared a bit about the PPEC meeting held in Carlsbad this year. He indicated this event was also well attended. For those interested, the Spring meeting will be held in Orlando 3/30 – 4/1/2020.

IAPWS – A. Harvey and K. Buecher shared comments about the recent IAPWS meeting in Banff. Approximately 70 people attended the meeting. Good progress was made in the working sessions. It was noted that IAPWS has two different versions of a Film Forming Substance TGD. One for industrial applications and another dedicated to utility. Both of these can be downloaded from their website.

Membership was a topic of discussion. Specially, we revisited what it means and what is required to be a member. It is not required that you are a member of ASME to actively participate or be considered as a member of this committee. Show up, share your ideas & experiences and then attend the next meeting. Tell your friends about us. 😊

There is news regarding officers for 2020. As of this meeting, the team voted on officer changes to take place January 1st, 2020. Thank you for your leadership.

- Colleen will replace Allan as Chair of the Main Committee
- Bob will replace Colleen as Vice Chair of the Main Committee
- Vickie will replace Bob as Chair of the Water Treatment Subcommittee
- Rich will remain Chair of the Properties Subcommittee

The group discussed ideas for the ASME sponsored sessions at 2020 IWC. Some additional follow up will need to be completed prior to the Spring meeting as IWC will be making session decisions in early April 2020.

<p style="text-align: center;">SESSION 1 Ideation</p> <p>Topics related to corrosion inhibitors Session Chair: Dave Daniels Discussion Leader: Kirk Buecher IWC Rep: Colleen Scholl</p>	<p style="text-align: center;">SESSION 2 Ideation</p> <p>Topics related to atypical steam generation Session Chair: Jerry Jones Discussion Leader: TBD IWC Rep: Wayne Bernahl</p>
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In other business, we discussed a motion for authorization. This involves resuming work on the produced water document that was never taken to completion. The group reached a unanimous decision on approval language and clarification of intentions of next steps by WTDC. B. Bartholomew will follow-up with M. Myszczyzyn for confirmation of next steps.

SAVE THE DATE – Schedule of upcoming meetings:

- Spring Meeting: April 28th – 29th, 2020 in Gaithersburg, MD at NIST
 - Further details to follow
- Fall Meeting and IWC: November 8th – 12th, 2020 in San Antonio, TX
 - To be held at Marriott Rivercenter

Agenda

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

Location: Hilton Orlando Lake Buena Vista, Orlando, FL

Time: Wednesday, November 13, 2019, 2 PM

1. Approval of Agenda
2. Approval of Spring 2019 Minutes
3. Financial Report Eric Kangas
4. Report on 2019 IWC Sessions
5. Report/plans for Water Technology Subcommittee Bob Bartholomew
6. Report/plans for Properties Subcommittee A. Harvey (for R. Harwood)
7. 100-year anniversary of ASME Steam Tables work (2021) Allan Harvey
8. Liaison Reports (NACE, IAPWS, PPEC, etc.)
9. Membership
10. Election of Officers
11. Other Business
12. Discussion of 2020 IWC session(s)
13. Adjournment (transition to Water Technology Subcommittee meeting)

**REMINDER: Spring 2020 meetings April 28-29, 2020 (Tue-Wed) at NIST-Gaithersburg
Fall 2020 at IWC in San Antonio, week of Nov. 8**