1. Opening Remarks; Adoption of Agenda

2. Appointment of Clerk of Minutes

3. Web Space for Working Material for WGs TPWS, IRS, SC SW (joint with WGs TPWS, PCAS, IRS)

4. Revised Release on the IAPWS Formulation 1995 for the Thermodynamic Properties of Ordinary Water Substance for General and Scientific Use (IAPWS-95), joint with WGs TPWS, IRS
   - Report (W. Wagner)
   - Test Report (K. Miyagawa)
   - Formal consideration of the Revised Release

5. Supplementary Release on a Computationally Efficient Thermodynamic Formulation for Liquid Water for Oceanographic Use, joint with WG TPWS
   - Formal consideration of the Revised Release

6. Transport Properties of Water and Steam, joint with WG TPWS
   6.1 Zero-Density Thermal Conductivity of Water Vapor: Comparison of the IAPWS Formulation with Theoretically Calculated Values and Possible Reasons for Their Differences (E. Vogel, E. Bich, R. Hellmann, A.S. Dickinson, V. Vesovic)
   6.2 Development of a New Thermal Conductivity Formulation
   - Report of the Task Group (J.V. Sengers, D.G. Friend)
   - Appointment of Evaluation Committee

7. Revised Release on the Equation of State 2006 of H2O Ice Ih, joint with WGs TPWS, IRS
   - Report (R. Feistel)
   - Test Report (J. Hruby)
   - Formal consideration of the Revised Release

8. Properties of Seawater (R. Feistel), joint with WG TPWS
   8.1 Oceanographic seawater standard TEOS-10 (T.J. McDougall)
   - Adoption by International Bodies (IOC/Unesco)
   - Review of Papers Published
   - Review of Library Code Developed
   - Fast Ocean-Model Code Versions
   8.2 Development of an IAPWS Standard on Seawater Properties for Industrial Use
   - Discussion about preparing an IAPWS Standard and appointing an Evaluation Task
8.3 pH Scales for Aqueous Solutions and Seawater (G.M. Marion)
- Define and Compare Scales
- Experimental Measurements vs. Modeling
- Preferences - Pros and Cons
- Future Directions

8.4 Seawater Density Measurements
- New Measurements Compared to the IAPWS Release 2008 (R. Feistel)
- SI Traceability and Uncertainty on Climatic Timescales (P. Spitzer, S. Seitz, H. Wolf)

8.5 Proposed Models for Calculating Thermal Conductivity and Viscosity of Seawater, joint with WGs IRS, PCC (A. Anderko)

9. Properties of Humid Air and Humid Combustion Gases, joint with WGs TPWS, IRS, PCAS
9.1 Humid-Air Implementation in the TEOS-10 Library (R. Feistel, D.G. Wright)
9.2 Formulation of a New ICRN on Thermophysical Properties of Combustion-Gas Mixtures and Humid Air (R. Span)

10. Properties of Aqueous Solutions, joint with WG PCAS and TPWS
- Vapor-liquid critical locus of aqueous solutions of NaCl revisited (D.A. Fuentevilla, J.V. Sengers, and M.A. Anisimov)

11. Advisory Note No. 4: Roles of IAPWS and CIPM Standards for the Density of Water, joint with WG TPWS
- Report of the Task Group (A.H. Harvey, R. Span)
- Formal consideration of the Advisory Note

12. Reports on Other SC SW Activities
12.1 Guideline on Fundamental Constants (A.H. Harvey) joint with WGs TPWS, IRS
12.2 Update of Advisory Note # 2: Roles of Various IAPWS Documents (J.R. Cooper, A.H. Harvey), joint with WGs TPWS, IRS

13. Membership

14. Other Business
- Choosing the Name of the Subcommittee on Seawater
- Future Activity and Taskgroups of SC SW

15. Preparation of the Formal Motion to the EC

16. Adjournment

August 06, 2009

R. Feistel (Chair)