

Draft, September 4, 2008

Agenda
of
Industrial Requirement and Solutions Working Group
Berlin, Germany, 7 September 2008

1. Opening Remarks, Adoption of Agenda
2. Appointment of Clerk of Minutes
3. Web Space for Working Material for WGs IRS and TPWS
4. Potential International Collaborative Projects
5. Release on the IAPWS Formulation 2008 for the Thermodynamic Properties of Seawater, joint with WG TPWS.
6. Revised Release on the Pressure along the Melting and Sublimation Curves of Water, joint with WG TPWS.
7. Supplementary Release on Properties of Liquid Water at 0.1 MPa, joint with WG TPWS.
 - Report of the Task Group (A.H. Harvey, J. Hruby)
 - Report of the Evaluation Task Group (J. Sengers, R. Mares, K. Miyagawa)
 - Formal Consideration of the Supplementary Release by WG's IRS and TPWS.
 - Future Extensions of the Supplementary Release on Properties of Liquid Water at 0.1 MPa (G. Bignold, J.R. Cooper, A.H. Harvey, J. Hruby)
8. Transport Properties of Water and Steam
 - Revised Release on the IAPWS Formulation for Thermal Conductivity, joint with WG TPWS.
 - Report of the Task Group (A. H. Harvey).
 - Report of the Evaluation Task Group (K. Miyagawa, R. Mares)
 - Formal Consideration of the Revised Release by the WG's IRS and TPWS.
 - Development of a New Thermal Conductivity Formulation
 - Report of Task Group (J. V. Sengers, D. G. Friend).
9. An Equation of State for Liquid Water for Oceanographic Use, joint with WG TPWS.
 - Report on Task Group (R. Feistel, K. Miyagawa, T. McDougal)
 - Discussion about Preparing a Supplementary Release for Oceanographic Use and Establishing an Evaluation Task Group.
10. Revised Advisory Note No. 3 on Thermodynamic Derivatives from IAPWS Formulations, joint with WG TPWS.
 - Report of the Task Group (H.-J. Kretzschmar, R. Feistel, J. R. Cooper).
11. Update for ICRN #14 – Thermophysical Properties of Humid Air and Combustion Gas Mixtures, joint with WG TPWS.
 - Report of Task Group (R. Span)
12. ICRN #21 – Dew Point for Flue Gas of Power Plant Exhaust, joint with WG TPWS.
 - Report of Task Group (N. Okita)

13. Industrial Requirements for Steam Property Calculations, joint with IRS
 - Report of Task Group (H.-J. Kretzschmar, W.T. Parry)
14. Reports on Other TPWS & IRS Activities
 - Fundamental Constants (A.H> Harvey) – joint with WG TPWS
 - Calculation of Seawater Properties using IAPWS-IF97 (R. Feistel, M. Hiegemann, K. Miyagawa), joint with WG TPWS.
 - Update of Advisory Note #2 – Roles of Various IAPWS Documents (J. R. Cooper, A. H. Harvey), joint with WG TPWS.
 - Liaison with IEC (J. R. Cooper), joint with WG TPWS.
15. Membership
16. Other Business
17. Preparation of report to EC
18. Adjournment