

## Minutes of the Industrial Requirements & Solutions Working Group

### Kyoto, Japan, August 29 – September 3, 2004

**Note:** Most meetings were held as joint sessions with the TPWS working group. All agenda items of the joint sessions (IRS items 4 to 7) can be found in the TPWS minutes.

Sunday, August 29, 2004, 10:30am

**1. Opening Remarks, Adoption of Agenda**

Chairman Kyoshi Miyagawa welcomed the IRS members to the Kyoto meeting. The previously circulated agenda has been revised – item 7 of the final agenda was added. The agenda was adopted with this amendment. It is provided as IRS attachment A.

**2. Appointment of Clerk of Minutes**

Ingo Weber was appointed clerk of minutes.

**3. Approval of Minutes of Vejle Meeting, August 2003**

The minutes of the Vejle meeting was approved without objection.

Tuesday, August 31, 2004, 5:45pm

**8. Membership**

The working group suggests the following changes to the membership roster

Removals:

Claus Perstrup  
Prof. Roland Meyer-Pittroff  
George Perrera

Additions:

Dipl.-Ing. Michael Daur  
Alstom Power GmbH  
Department GB-ET  
Augsberger Str. 712  
70329 Stuttgart  
Germany  
email: michael.daur@power.alstom.com  
phone: +49 711 9171569

**9. Other Business**

Chairman Kiyoshi Miyagawa expressed his wish to step down from the WG chairman position. The working group members expressed their sincere thanks for his very fruitful and efficient chairmanship. According to traditional procedure the current vice chairman follows in this position. Consequently the WG suggests to nominate Bill Parry for chairman. Bill Parry expressed his confidence in continuous attendance of the WG meetings. As successor for the vice-chairman position the WG suggests Ingo Weber.

**10. Preparation of Report to Executive Committee**

This item will be undertaken by the Chairman and the Clerk of Minutes.

**11. Adjournment**

Chairman Miyagawa thanked all participants for their attention and adjourned the meeting at 6:00pm.

**Agenda  
of  
Industrial Requirement and Solutions Working Group  
Kyoto, Japan. 28 August to 3 September 2004**

1. Opening Remarks, Adoption of Agenda
2. Appointment of Clerk of Minutes
3. Approval of Minutes of Vejle Meeting, August 2003
4. Supplementary Release on Backward Equations for Region 3, Equations as a Function of  $h$  and  $s$  for the Region Boundaries, and an Equation for Wet Steam of the IAPWS Industrial Formulation 1997 for the Thermodynamic Properties of Water and Steam
  - 4a) Report of the Evaluation Task Group
  - 4b) Acceptance of the Supplementary Release
5. Revised Supplementary Release on Backward Equations for the Functions  $T(p,h)$ ,  $v(p,h)$ , and  $T(p,s)$ ,  $v(p,s)$  for Region 3 of the IAPWS Industrial Formulation 1997 for the Thermodynamic Properties of Water and Steam
  - 5a) Report of the Evaluation Task Group
  - 5b) Acceptance of the Supplementary Release
6. Progress Report of the Task Group for the Development of IAPWS-IF97 Backward Equations in Region 3  
(Proposal: supplementary release on  $v(p,T)$  equation)
7. Article on  $p_1(h,s)$  and  $p_2(h,s)$  Backward Equations  
IAPWS support for the excess page charge of ASME Journal of Engineering for Gas Turbines and Power.
8. Membership
9. Other Business
10. Preparation of Report to Executive Committee
11. Adjournment

Note: The items 4 to 7 will be discussed at the joint session with WG TPWS.