



SUMMARY REPORT

- **25 August 2014: ITU Regional Standardization Forum for the Asia and Pacific Region**
- **26 August 2014: ITU Conformance and Interoperability Workshop & Showcase**
- **27-29 August 2014: 24th Asia Pacific Telecommunity Standardization Program Forum (ASTAP-24)**

Bangkok, Thailand

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**On Behalf
MALAYSIAN TECHNICAL STANDARDS
FORUM BHD**

INTRODUCTION

1. The events participated in Bangkok, Thailand were as follows:
 - 25 August 2014: ITU Regional Standardization Forum for the Asia and Pacific Region
 - 26 August 2014: ITU Conformance and Interoperability Workshop & Showcase
 - 27-29 August 2014: 24th Asia Pacific Telecommunity Standardization Program Forum (ASTAP-24)

2. Members of the Malaysian delegation to the events include:
 - En. Mohd Nazir Osman (SKMM)
 - Cik Nadia Hazwani Yaakob (SKMM)
 - En Faizal Abdul Rahman (SKMM)
 - En. Hamzah Burok (MTSFB)
 - Pn. Ghazali Norazlina (MTSFB)
 - Ms. Adeline Chee (MTSFB/MDeC)
 - Mr. Alex Kuik (MTSFB/DiGi)
 - Dr. Wahidah Hashim (MTSFB/MIMOS)
 - Dr. Gopinath Rao Sinniah (MTSFB/MIMOS)
 - Mr. Irving Ho (MTSFB/DiGi)
 - En. Azrin Aris (MTSFB/TM)
 - Mr. Matthew Rajendra (MTSFB/xx)
 - En. Zaharin Mohd Nadzri (MTSFB/Celcom)

3. The ASTAP-24 was attended by 152 participants, representing APT Members, Affiliate Members and others.

4. Ms. Adeline and Mr. Alex were present in the ASTAP-24 in particular to carry out the following duties/roles:

Adeline Chee:

- As Vice Chairperson of the ICTCC Working Group, to co-chair the GICT& EMF meetings with the WG Chairman and steer action items
- As one of the ASTAP Office Bearers, to attend the ASTAP Steering Committee meeting

Alex:

- Lead Rapporteur for the Green Data Centre study item under the GICT & EMF WG
 - To present the findings of the Regional Survey on GDC
- Rapporteur for EMF study item (with Korean)
 - To jointly lead the development of proposal and questionnaire on EMF

PROCEEDINGS

1. On 25 August 2014, the ITU Regional Standardization Forum for the Asia and Pacific Region was officially opened Malcolm Johnson who is the Director of TSB of ITU. Speeches were also delivered by Toshiyuki Yamada, Secretary General of APT and Chasik Leem, President of TTA.

The seminar and forum started with Ms.Xiaya Yang from ITU presenting on ITU activities on Bridging the Standardisation Gap and complemented by Ashish Narayan from ITU Regional Office who spoke on BDT Activities on Bridging the Standardisation Gap. In the presentations, an overview of how developing countries could participate more effectively in the ICT standardization process and benefit from these activities.

The subsequent presentations were made by delegates from India (Dr.Asok Chatterjee), Mongolia (Ts.Chuluunbat), Papua New Guinea (Felix Rupokei) and Sri Lanka (M.Jaws) on the situation and challenges faced for standards development in their respective countries.

Case study on Brunei was shared by Norshahrul Nizam and Jongbong Park. In the next session, Ms.Xiaoya Yang presented the Guidelines on Establishing a National Standardisation Secretariat was presented and a forum of Regional Country representative were on the panel for a discussion on the topic for bridging the standardization gap.

The session for the day ended with examples of bridging standardization and ICT application gaps project by various members of the APT. Malaysia presented the eBario Project which collaborates to provide e-Education and e-Health solutions for the Rural Community by Prof.Dr.Khairuddin Ab Hamid. Thailand presented on the rice farming industry case study in Open Data and IT Enabling Knowledge Services for Precision Farming, Rice as a Case Study, by Asanee Kawtrakul. Prof.Gregory Tangonan presented for Philippines on Resilient Networks and Reconfigurable Information Systems for Disaster Response on the use of White Space for provision of WiFi services and how to adapt it to use during disaster occurrence. Finally, Japan presented on the SHARE programme that has made several Case Studies and implemented showcase projects in various countries for their rural communities.

2. On the 26 August 2014, the Conformance and Operability (C&I) Workshop was opened by a speech from Mr.Toshiyuki Yamada, Secretary General of APT. Presentations from APT members were made on the following topics relating to conformance testing:

- Conformity Assessment in China and Introduction of China Telecommunication Technology Labs by Mr Liu Zhi Yong, CATR, MIIT, People's Republic of China
- TTC activities on IMS interconnection interface by Mr Arai Kenjiro, NTT, Japan
- VNPT'S IMS AND PROPOSALS FOR C/I ACTIVITIES by Mr Nguyen Thi Hang Nga, VNPT Yong
- A future direction of packet transport networks by Dr. Makoto Murakami, NTT, Japan
- Content Delivery Network (CDN) and its benefit for Internet-base VDO Streaming by Mr Somsak Sriprayoonsakul, Innovative Extremist Co., Ltd, Thailand

3. A showcase exhibition organized by APT for vendors to demonstrate the Interoperability for various products and applications were held during the C&I Event. Presentations by the various vendors were made and the topics were as below:

- Report of NGN E2E service testing and showcasing by Mr. Hideo Himeno, NEC Corporation, Japan
- Report of IPTV testing and showcasing by Mr. Hideki Yamamoto, Oki Electric Industry Co., Japan
- Report of U-star showcasing by Dr. Chiori Hori, National Institute of Information and Communications Technology (NICT), Japan
- Report of BAN-PHC showcasing by Dr. Masahiro Kuroda, National Institute of Information and Communications Technology (NICT), Japan
- Report of Optical access showcasing by Dr. Hiroaki Mukai, Mitsubishi Electric Corporation, Japan

4. On 27 August 2014, the ASTAP-24 Forum started with the Welcoming Address and Opening Remarks by the Secretary General of the APT (Mr. Toshiyuki Yamada) followed by Mr. Malcolm Johnson, Director of TSB in ITU and Chairman of ASTAP (Dr. Seyed Mostafa Safavi Hemami) respectively. It was then followed with update sessions which include various reports ie status of APT Study Questions, and progress of Working Groups (WG) and Expert Groups (EG).

5. On 27-29 August 2014, the ASTAP-24 continued its work on various topics under study by the ASTAP Working Groups (WG) and Expert Groups (EG); as follows:

- WG on Other Working Methods (OWM)
- WG on ITU-T issues (ITU-T)
- WG on Bridging the Standardization Gap (BSG)

- WG on Policies, Regulatory and Strategies (PRS)
- WG on Green ICT & EMF (GICT & EMF)
- WG on Machine to Machine Applications/Services (M2M)
- EG on Future Network and NGN (FN & NGN)
- EG on Disaster Risk Management and Relief System (DRMRS)
- EG on Seamless Access Communication System (SACS)
- EG on Security (IS)
- EG on Next Generation Web (NGW)
- EG on Speech and Natural Language Processing (SNLP)
- EG on Accessibility and Usability (AU)

6. On 29 August 2014, the ASTAP-24 Forum concluded with the presentation and adoption of reports of the various WG/EG.

KEY OUTCOMES

1. The GICT & EMF WG met in the 5th and 9th session respectively on 28 and 29 August 2014 with participants 22 and 31 respectively. The meeting was chaired by the Chairman Dr. Samyoung Chung with the assistance of Vice Chairperson Ms. Adeline Chee of the GICT & EMF WG.
2. The GICT & EMF WG has received presentations/updates and discussed on the following topics:

Title	Source
Activities on ITU-T for rare metal & e-waste	Rep. of Korea
Rare Metal Measurement in E-waste	Rep. of Korea
Introduction of common mobile adapter regulatory/standards environment summary and current status of notebook charger standardization	Rep. of Korea
Study issues and their status of ITU-T WP3/5 (Toward ASTAP-24 WG-GICT&EMF)	ETRI
Survey Report on Green Data Centre Situation in APT Countries - Analysis and Proposal	Malaysian Technical Standards Forum Berhad (MTSFB)

Practical measurement of EMF exposure to base station radiation	Vietnam(Socialist Rep. of)
Proposal to develop a status report of Asia-Pacific Regional activities on human exposure to EMF	Korea (Republic of)
Human exposure to EMF related activities in ITU	Korea (Rep. of)
Meeting report of working group on GICT&EMF	GICT&EMF chairman
Update of the guidance for green ICT standardization activities	Rapporteur on Standard Guidance WI
Questionnaire on human exposure to EMF	Rapporteurs on EMF status report

3. The **GICT & EMF WG** meetings achieved four key outcomes as follows:

- i. The meeting agreed to develop a Status Report of Asia-Pacific Regional Activities on Green Data Centre and the findings of the Green Data Centre Survey, which was shared at the ASTAP24 meeting, would be used as the foundation for further work on the Status Report.
 - Mr. Alex Kuik, as a rapporteur of this work item would prepare and propose a skeleton report at next ASTAP meeting; with the assistance from Indonesia representative.
 - All member countries were invited to extend their expertise to contribute to this effort; and, Korea has agreed to share their Green Data Centre best practices in the next meeting; while Japan and Thailand would seek inputs from the relevant experts on this matter.
- ii. The Guidance for Green ICT Standards was updated by including the latest updated contributions on universal power adapter for notebook computer and rare metals.
- iii. The meeting prepared a skeleton report by specifying important items required for a Status Report on the APT member countries' regulations and activities related to human exposure to EMF.
- iv. The meeting developed a Questionnaire on human exposure to EMF to gather important information from APT member countries for the purpose of development of the Status Report on EMF and was approved as an Output Document by the ASTAP24 plenary.

4. Additional Key Outcomes

We have also achieved the following additional outcomes:

i. Positioning Malaysia

The upcoming Industry Workshop in conjunction with the ASTAP-25 will be jointly organised by Programme Committee led by Japan and Malaysia representatives. There will be two sessions, based on the following areas:

- Smart City and Smart Energy Management
- Cybersecurity

ii. Positioning MTSFB and GICT WG

The Committee of Green ICT Forum of Korea and MTSFB (specifically the GICT WG) has agreed to explore on potential MoU/collaboration between both parties.

- Potential areas such as knowledge transfer, best practices sharing, etc.
- Consultation will be held with the respective Forum/WG and details to be worked out.

CONCLUSION

ASTAP serves as an important platform for relevant, interested and dedicated Malaysian delegates to gain latest insights on the key standardization topics and regional issues as well as best practices discussed in the ITU and APT.

Malaysian delegation with national interest, specifically, the MTSFB GICT WG Committee's continued active participation in the future ASTAP meetings, is very important in order to ensure incorporation of Malaysian's strategic intervention in the regional collaborative efforts and sharing of best practices with the other member countries. In view of that, it is imperative for MTSFB and SKMM to continue providing the necessary support to the GICT WG; enabling the relevant, interested and dedicated office bearer and rapporteur in carrying out their roles to contribute to the future ASTAP as well as ITU-related standardization activities (especially SG5 – Environment and Climate Change). Furthermore it would be useful to participate in ITU SG5 activities to gain more insight and provide international exposure for the Standardisation arena in Malaysia.

Photo

ASTAP-24 Participants Group Photo





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