



**27<sup>th</sup> ASIA-PACIFIC LEGAL  
METROLOGY FORUM  
ONLINE MEETINGS  
3-4 December 2020**



## Working Group Report - 2020

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### ***Metrological Control Systems (MCS)***

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## SECTION 1 – Details of the membership of the Working Group

1. **Mr Guo Su,** SAMR, **China**
2. **Mr YIN Vandeth,** National Metrology Center of **Cambodia**
3. **Ms Bonita OKTRIANA,** Directorate of Metrology, Ministry of Trade, **Indonesia**
4. **Mr Jeffrey GABRIEL,** National Institute of Standards and Industrial Technology, **Papua New Guinea**
5. **Mr Manuel M. RUIZ,** National Metrology Laboratory of the **Philippines**
6. **Mr Mohd. Suffian Bin Mohd. Abass,** Ministry of Domestic Trade., **Malaysia**
7. **Mr HSU CHIA-HAO,** Bureau of Standards. Metrology and Inspection (BSMI), **Chinese Taipei**
8. **Mr Javier CHIA,** Consumer Protection, Weights & Measures, **Singapore**
9. **Mrs Benjamas WINYA,** Bureau of Weights and Measures (BWM), **Thailand**

## SECTION 2 – Key activities of 2019/20

The work plan of MCS on 2020 were decided by APLMF 26<sup>th</sup> meeting, activities since last meetings are:

### 1. **First WG on MCS meeting was held online**

On 24<sup>th</sup> July 2020, the members of WG on MCS had a meeting online through Webex. 5 of 9 members was present, 1 have technical problem and 3 was absent.

The agenda of its meeting covered confirm of the members, proposal for nominate a deputy chair, proposal from its members, introduction of current projects and future plan.

Like all other group, although the WG is been through the difficult time to carry out activities, yet all members were having warmly discussion to contribute productive ideas.

Take this opportunity, I would like to give my sincere appreciation to my WG members.

### 2. **Deliver an OTC or OTE workshop**

Due to the pandemic of COVID-19, it is impossible to conduct normal OTC or OTE as planned, so the OIML/APLMF smart meter training courses initially scheduled in June 2020 had to be postponed.

However, with the support of Mr. Wang Lei, NIM China / Chair of WG on Utility Meters and active coordination with GULFMET, we have organized a trial run of online training on smart meters for that region. A lot of technical question was raised because of no time for hands-on training, but it is an active initiative to use modern technology during the unpredicted condition.

### **3. Monitor revision of D1 and other documents**

#### **3.1 OIML D 1**

OIML D 1 has passed Preliminary Online Ballot, and waiting for approval after the 55<sup>th</sup> CIML meeting held in 20-22 October 2020.

The current version can be download from:

[http://online-55ciml.oiml.org/docs/Drafts/55CIML\\_FDD\\_Revision\\_D1.zip](http://online-55ciml.oiml.org/docs/Drafts/55CIML_FDD_Revision_D1.zip)

It is an interest raised from our WG that a study on the adaption and implementing of OIML D1 within APLMF will be our future plan.

#### **3.2 Other documents**

There are currently two Project Groups undertaking revisions of OIML International Documents under Advisory Group supervision. The project to revise OIML Document D 14:2004 Training and qualification of legal metrology personnel has been held up both by the need to identify and train a new convener and by the COVID-19 situation.

The project to revise OIML Document D 19:1988 Pattern evaluation and pattern approval has also been held up by the COVID-19 situation, but a 1CD is close to being finalised and should be circulated soon.

OIML Document D 20:1988 Initial and subsequent verification of measuring instruments and processes, provided that a country could be identified to take on the convenorship.

### **4. Procedure documents for OTC and OTE**

I and Dr. Peter Ulbig are the co-conveners for this project. However, due to health reasons, Peter Ulbig will leave PTB and OIML.

Here, I would like to call volunteers on this project as future plan.

## **5. e-Learning modules**

OIML has engaged e-learning development while discussing with BIPM and UNIDO. Major changes in the products made available by the OIML require new hardware and a development server, and these are still in the process of being installed.

## **6. Scholarship for future leaders**

With the great support from China, I have the information that China will support the OIML Future Leaders Program by inviting 1-2 outstanding talents from CEEMS to study in China for about 3 weeks. China will also consider holding an international seminar on the theme of "Talent development" in the field of metrology, as suggested by the AG, to guide potential leaders in the field of legal metrology.

## **SECTION 3 – Future focus - Recommendations**

1. OTC or OTE cooperating by OIML/APLMF/OPTC/PTB
2. Updating or revision of documents supervision by AG
3. Procedure documents developed for OTC and OTE
4. Support E-learning modules
5. Scholarship for future leaders

## **SECTION 4 – Future focus – emerging issues**

1. Require support for developing procedure documents for OTC and OTE
2. Joint evaluation on online training with WG on Utility Meters
3. Study on the adaptation and implementing of OIML D1 within APLMF