

RADIO SPECTRUM AND TECHNICAL STANDARDS
ADVISORY COMMITTEE

Minutes of the Eighth Meeting
held at 2:30 p.m., Wednesday, 17 December 2014
in Conference Room 2020, Wu Chung House, Wanchai

Present

Mr P H Ma	Chairman (OFCA staff)
Mr Desmond Chan	Representative of Wharf T&T Limited
Ms Diana Chan	Representative of the Hong Kong Police Force
Mr Henry Chan	Representative of Hutchison Telephone Company Limited and Hutchison Global Communications Limited
Mr Y C Chan	Representative of Television Broadcasts Limited and TVB Network Vision Limited
Mr Y H Chan	Representative of Asia Satellite Telecommunications Company Limited
Mr Brian Cheng	Representative of Consumer Council
Mr Carlson Chu	Representative of PCCW Media Limited
Mr Roger Foo	Representative of Phoenix U Radio Limited
Mr Joseph Ho	Representative of Civil Aviation Department
Ms Monique Ho	Representative of Digital Broadcasting Corporation Hong Kong Limited
Mr Wai Ho	Representative of Asia Television Limited
Mr Kelvin Hong	Representative of Hong Kong Broadband Network Limited
Mr Y T Kan	Representative of the Hong Kong Police Force
Mr S M Ko	Representative of Metro Broadcast Corporation Limited
Mr Cyrus Lai	Representative of SmarTone Communications Limited/SmarTone Mobile Communications Limited
Mr Paul Lam	Representative of Hong Kong Commercial Broadcasting Company Limited
Mr Keith Lee	Representative of Hong Kong Wireless Technology Industry Association
Mr W C Lee	Representative of the Institution of Engineering and Technology Hong Kong
Mr Chan Loh	Representative of Digital Broadcasting Corporation Hong Kong Limited

Mr Barry Ng	Representative of services-based operators (MVNO and ETS operators only) as a group
Ms P Y Ngai	Ad Personam
Mr Mike Pan	Representative of China Mobile Hong Kong Company Limited
Mr Johnny Siu	Representative of amateur radio societies as a group
Dr K F Tsang	Representative of the Institution of Engineering and Technology Hong Kong
Mr W L Tse	Representative of Independent Commission against Corruption
Mr Adam Wong	Representative of Hong Kong Telecommunications (HKT) Limited, PCCW-HKT Telephone Limited and Hong Kong Telecommunications (HKT) Limited, and Genius Brand Limited
Mr Elvin Wong	Representative of Hong Kong Productivity Council
Mr Raymond Wong	Representative of Local Certification Bodies as a group
Dr Simon Wong	Representative of Independent Commission against Corruption
Ms Vicky Wong	Representative of Asia Satellite Telecommunications Company Limited
Mr L H Ting	Secretary (OFCA staff)

Absent with Apologies

Mr Xun Chen	Representative of APT Satellite Company Limited
Mr H C Hung	Representative of Reach Networks Hong Kong Limited and Reach Cable Networks Limited
Mr Francis Kwok	Representative of Radio Television Hong Kong
Mr Michael Lee	Representative of EU ICT Council in Hong Kong and Macau
Dr C K Li	Representative of Hong Kong Institution of Engineers
Ms Vivian Wong	Representative of China Telecom Global Limited
Mr Ken Yiu	Representative of Hong Kong Mobile Television Networks Limited
Ms M H Yoon	Representative of Telstra International HK Limited and Telstra International Limited

In Attendance

Mr Warren Kwok	OFCA staff
Mr K K Wong	OFCA staff

Ms Annie Lo	OFCA staff
Mr C H Chan	OFCA staff
Mr Kent Yu	OFCA staff
Mr Eric Fung	OFCA staff
Mr W K Leung	OFCA staff

Observer

Mr Richard Leung	Representative of New World Telecommunications Limited
Mr Dennis Wong	Representative of Hong Kong Cable Television Limited

Agenda Item 1: Matters Arising from the Previous Meeting

Item 5 of the 7th SSAC Meeting (performance specification for VHF radio equipment for use as Global Maritime Distress and Safety System (GMDSS) coast station)

1. The Secretary reported that OFCA had received no further comment on the proposed new specification HKCA 1068 after the last meeting. Accordingly, the specification HKCA 1068 had been adopted and posted on OFCA's website.

Item 6 of the 7th SSAC Meeting (performance specifications for digital fixed link equipment operating in the 13 GHz band and 18 GHz band)

2. The Secretary reported that OFCA had received no further comment on the proposed new specifications HKCA 1070 and HKCA 1071 after the last meeting. Accordingly, the specifications HKCA 1070 and HKCA 1071 had been adopted and posted on OFCA's website.

Agenda Item 2: Hong Kong's Preliminary Position on Agenda Items for World Radiocommunication Conference 2015 (WRC-15) (SSAC Paper 11/2014)

3. Ms Annie Lo and Mr W K Leung introduced SSAC Paper 11/2014 that addressed Hong Kong's preliminary position on the WRC-15 agenda items.

4. Regarding WRC-15 Agenda Item 1.1 on the identification of additional frequency bands for IMT, Mr Adam Wong opined that the 610 – 790 MHz band might not be available locally for IMT in the near future due to the deferring of the Analogue Switch Off. He noted that some European countries had assigned the 3.4 – 3.6 GHz band for IMT while some Region 3 countries were also studying the use of this band for IMT. Ms Vicky Wong pointed out that, according to some interference studies conducted by the ITU Joint Task Group 4-5-6-7, satellite and IMT services in the 3.4 – 3.6 GHz band might not be compatible. Mr Adam Wong opined that interference mitigation measures such as restricted use of spectrum in confined areas might be feasible and proposed to consider the identification of this band for IMT.

5. Ms Vicky Wong suggested that Hong Kong's preliminary position on this agenda item regarding identification of spectrum for IMT should be subject to satisfactory results of relevant compatibility studies. The Chairman said that Hong Kong's preliminary position was to support in general the identification of additional frequency bands for IMT and had not yet supported the allocation of any specific frequency band for IMT. In this connection, he considered that Hong Kong's preliminary position on this agenda item was appropriate.

6. For WRC-15 Agenda Item 1.3 which covered spectrum harmonisation of broadband public protection and disaster relief ("PPDR"), Dr Simon Wong said that the 4940 – 4990 MHz band had been identified for PPDR service. He noted that WRC-15 Agenda Item 1.1 on identification of spectrum for IMT had included this band and was concerned on the compatibility issues between IMT and PPDR. The Chairman said that relevant compatibility studies were being conducted by ITU and OFCA would keep in view of the study results when formulating the Hong Kong position on WRC-15.

7. The Chairman welcomed further comments from Members on this subject by 31 December 2014.

Agenda Item 3: Proposed New Performance Specifications for Base Station and User Equipment for Use in Evolved Terrestrial Radio Access (E-UTRA) Time Division Duplex (TDD) Network (SSAC Paper 12/2014)

8. Mr Eric Fung introduced SSAC Paper 12/2014 that proposed the adoption of two new specifications HKCA 1072 and HKCA 1073 for base

stations and user equipment respectively operating in the 2.3 GHz band for use in E-UTRA TDD network (commonly known as TD-LTE network). These two HKCA specifications would replace the current type acceptance criteria for certification of E-UTRA TDD equipment.

9. Mr Henry Chan noted that the proposed HKCA specifications made reference to ETSI standards EN 301 908-1, EN 301 908-13 and EN 301 908-14 and asked whether the version number of these standards should also be specified in the HKCA specifications. Mr Eric Fung explained that type approval applications would be processed in accordance with the versions currently in force as published on the Harmonised Standards website of the European Commission. Mr Henry Chan said that the testing requirements of ETSI standards, rather than those of 3GPP standards, were specified in the proposed HKCA specifications. He asked if there was any difference between the testing requirements of these standards. Mr Eric Fung replied that the EN 301 908 series of standards adopted the relevant testing requirements of 3GPP standards for E-UTRA TDD equipment.

10. The Chairman invited further comments from Members on the new specifications HKCA 1072 and HKCA 1073 by 31 December 2014.

Agenda Item 4: Proposed Spectrum Release Plan for 2015-17 (SSAC Paper 13/2014)

11. Mr C H Chan introduced SSAC Paper 13/2014 on the proposed Spectrum Release Plan (“SRP”) covering the period 2015-2017.

12. The Chairman said that the proposed SRP for 2015-2017 had incorporated the results of spectrum auction conducted in December 2014. As shown in the proposed SRP, there would be no mobile spectrum available for release in the coming three years. He added that SRP was published to inform the industry of the potential supply of radio spectrum through an open bidding or tendering process for the following three years. If necessary, the SRP could be updated as required taking into account the latest developments.

13. Mr Adam Wong said that some countries carried out spectrum planning for IMT for a period longer than three years. As mobile operators would normally adopt a long term perspective in infrastructure planning, he

opined that OFCA might consider the feasibility of adopting a similar approach for spectrum planning for IMT. The Chairman noted.

14. The Chairman invited further comments from Members on the proposed SRP for 2015-2017 by 31 December 2014.

Agenda Item 5: Update on Standard for Accreditation of Certification Bodies (SSAC Paper 14/2014)

15. Mr Kent Yu introduced SSAC Paper 14/2014 that updated Members on the accreditation standard for certification bodies which conducted certification for type-approval of telecommunications equipment for use in Hong Kong.

16. The Chairman said that certification bodies (“CBs”) had been accredited to ISO/IEC Guide 65 so far to ensure their competence in performing certification work. As ISO/IEC Guide 65 would be superseded by ISO/IEC 17065 on 15 September 2015, all CBs should obtain accreditation to ISO/IEC 17065 before their ISO/IEC Guide 65 accreditation expired or became invalid. OFCA had notified the CBs on such arrangement and updated the relevant Information Notes relating to telecommunications equipment certification on OFCA website.

Agenda Item 6: Any Other Business

17. Mr Warren Kwok said that at the 5th SSAC meeting held on 12 September 2013, Members were informed of the amendments to the Telecommunications (Control of Interference) Regulations (Cap. 106B) (“the Regulations”), which regulated the emission levels of non-telecommunications apparatus for preventing interference to telecommunications equipment and services. He reported that the legislative amendments had been completed and the amended Regulations became effective on 21 November 2014.

18. Mr Brian Cheng asked whether domestic LED lighting equipment would be covered by the Regulations and LED lamps commonly available on the market would comply with the new requirements. The Chairman said that the Regulations would cover electrical lighting and similar equipment including

domestic LED lighting equipment. The lighting industry was duly consulted in 2011 on the proposed amendments to the Regulations and their comments were taken into consideration in the amendment exercise.

19. There being no other business, the meeting adjourned at 4:15 p.m.

Office of the Communications Authority
January 2015