

5th Preparatory Working Group Meeting for World Radiocommunication Conference 2012

In preparation for the World Radiocommunication Conference 2012 (“WRC-12”), IDA convened the 5th Preparatory Working Group Meeting (“PWGM”) on 17 June 2011. The objectives of the 5th PWGM were to highlight key radiocommunication issues that were of interest to Singapore and to review input contributions from the PWGM sub-working groups.

During the 4th PWGM, 12 of the many WRC-12 agenda items were identified by the sub-working groups as having significant importance to Singapore. These have been listed in Table 1, together with the recommended positions for IDA’s consideration. Consequently, at the 5th PWGM, IDA having reviewed these recommendations, proposed preliminary positions to be adopted for these WRC-12 agenda items. In collaboration with the industry, joint papers were prepared for submission to the 5th Asia Pacific Telecommunity Conference Group (“APG-5”).

Further discussions will be held at the 6th PWGM to update the outcome of the APG-5 meeting and to finalise Singapore’s positions at WRC-12.

Table 1: Key WRC-12 agenda items

S/N	Agenda Item	Description
1	1.3	To consider spectrum requirements and possible regulatory actions, including allocations, in order to support the safe operation of unmanned aircraft systems (UAS), based on the results of ITU R studies, in accordance with Resolution 421 (WRC 07)
2	1.14	To consider requirements for new applications in the radiolocation service and review allocations or regulatory provisions for implementation of the radiolocation service in the range 30 300 MHz, in accordance with Resolution 611 (WRC 07)
3	1.21	To consider a primary allocation to the radiolocation service in the band 15.4-15.7 GHz, taking into account the results of ITU R studies, in accordance with Resolution 614 (WRC 07)
4	1.5	To consider worldwide/regional harmonization of spectrum for electronic news gathering (ENG), taking into account the results of ITU R studies, in accordance with Resolution 954 (WRC 07)
5	1.17	To consider results of sharing studies between the mobile service and other services in the band 790-862 MHz in Regions 1 and 3, in accordance with Resolution 749 (WRC 07), to ensure the adequate protection of services to which this frequency band is allocated, and take appropriate action
6	1.20	To consider the results of ITU R studies and spectrum identification for gateway links for high altitude platform stations (HAPS) in the range 5 850 7 075 MHz in order to support operations in the fixed and mobile services, in accordance with Resolution 734 (Rev.WRC 07)
7	1.13	To consider the results of ITU R studies in accordance with Resolution 551 (WRC 07) and decide on the spectrum usage of the 21.4-22 GHz band for the broadcasting-satellite service and the associated feeder-link bands in Regions 1 and 3
8	7	To consider possible changes in response to Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference: "Advance

S/N	Agenda Item	Description
		publication, coordination, notification and recording procedures for frequency assignments pertaining to satellite networks", in accordance with Resolution 86 (Rev.WRC 07)
9	1.22	To examine the effect of emissions from short-range devices on radiocommunication services, in accordance with Resolution 953 (WRC 07)
10	1.19	To consider regulatory measures and their relevance, in order to enable the introduction of software-defined radio and cognitive radio systems, based on the results of ITU R studies, in accordance with Resolution 956 (WRC 07)
11	1.25	To consider possible additional allocations to the mobile-satellite service, in accordance with Resolution 231 (WRC 07)
12	8.2	To recommend to the Council items for inclusion in the agenda for the next WRC, and to give its views on the preliminary agenda for the subsequent conference and on possible agenda items for future conferences, taking into account Resolution 806 (WRC 07)

IDA will be organising the 6th PWGM on 6 October 2011. To register your interest for this PWGM or for further clarifications, please email to henry.foo@ida.gov.sg, michelle.xm.ho@ida.gov.sg or mary.lim@ida.gov.sg