

**Minutes of 515th MHRC Meeting**  
**MINISTRY OF INFORMATION AND COMMUNICATIONS**

**Venue: MoIC**

**Date: 23 August 2021 (Monday)**

**Time: 2:15 PM**

**Agenda 3: Action Taken Report of 514th MHRC.**

<b>Sl. No.</b>	<b>Agenda</b>	<b>Action taken report 513th MHRC</b>	<b>514th MHRC directives</b>
<b>1</b>	<p><b>Purpose:</b> Invitation to the Extraordinary Meeting of the APT Preparatory Group for WTSA-20 (APT WTSA20-e) <b>(World Telecommunication Standardization Assembly )</b></p> <p><b>Institute/Country:</b> APT, Thailand</p> <p><b>Source of Funding:</b> NA as it is a Virtual event.</p> <p><b>Start/End Date:</b> (17-19 November 2021</p>	<p><i>MHRC directed HRD to forward the invitation to DITT.</i></p> <p>HRD was informed that DITT has deferred the agenda to the next DHRC.</p>	<p><i>Noted</i></p>

<p>2</p>	<p><b>Purpose:</b> APT Web Dialogue: Spectrum Management "Interactive panel discussion on key issues on allocation and licensing of spectrum for the deployment of 5G" (SM01-04)</p> <p><b>Institute/Country:</b> APT, Thailand.</p> <p><b>Source of Funding:</b> NA as it is a Virtual event.</p> <p><b>Start/End Date:</b>30 August 2021</p>	<p><i>MHRC directed DITT to discuss the nomination and may consider nominations from BICMA.</i></p> <p>HRD was informed that DITT has deferred the agenda to the next DHRC.</p>	<p><i>Noted</i></p>
<p>3</p>	<p><b>Purpose:</b> Collective letter 11/5: Virtual meeting of ITU-T Study Group 5,</p> <p><b>Institute/Country:</b>ITU, Geneva</p> <p><b>Source of Funding:</b> NA as it is a Virtual event.</p> <p><b>Start/End Date:</b> 30 November -10 December 2021</p>	<p><i>MHRC directed HRD to forward the invitation to DITT for nomination and DITT may consider nomination from PPD.</i></p> <p>HRD was informed that DITT has deferred the agenda to next DHRC</p>	<p><i>Noted</i></p>

4	<p><b>Purpose:</b> Invitation to participate in the 2021 Global CyberDrill</p> <p><b>Institute/Country:</b> ITU, Geneva</p> <p><b>Source of Funding:</b> NA as it is a Virtual event.</p> <p><b>Start/End Date:</b> September to November 2021</p>	<p><i>MHRC directed DITT to discuss the nominations.</i></p> <p>HRD was informed that DITT has deferred the agenda to next DHRC</p>	Noted
5	<p><b>Purpose:</b> Delegation to Glasgow 2021 UN climate change conference.</p> <p><b>Institute/Country:</b> UNFCCCC/Glasgow, UK</p> <p><b>Source of Funding:</b> Funding to be borne by respective agencies</p> <p><b>Start/End Date:</b> 31 October to 12 November 2021</p>	<p><i>MHRC directed nominations from PPD and RSTA on condition of availability of funds. RSTA to check the level of participation.</i></p> <p><i>HRD received the following nomination from RSTA and PPD:</i></p> <ol style="list-style-type: none"> <li><i>1. Mr. Chhimi Dorji, CPO, PPD</i></li> <li><i>2. Mr. Sithar Dorji, CTO, RSTA</i></li> </ol>	<p><i>Nominations approved. However, MHRC directed RSTA and PPD to study the relevance and value addition in attending this conference especially at this time. The need to look into the budget availability was also advised.</i></p>

**Agenda 5: Invitations/Offer**

SI No	Agenda:	Background/Objectives	MHRC further directives
-------	---------	-----------------------	-------------------------

<p><b>1</b></p>	<p><b>Purpose:</b> Invitation to the Regional Conference on Transport Research and Education, (Online Training Course)</p> <p><b>Institute/Country:</b> UN ESCAP, Thailand</p> <p><b>Source of Funding:</b> NA as it is a Virtual event.</p> <p><b>Start/End Date:</b> 22-23 September 2021</p>	<p>The Ministry received an invitation vide email dated 20 August 2021 from the Department of Multilateral Affairs, Ministry of Foreign Affairs regarding the Regional Conference on Transport Research and Education.</p> <p>The Conference will provide the opportunity to policy makers of member States, transport research, education and training institutes and other government agencies to discuss the research and training needs of the region on sustainable transport, and to consider a mechanism for coordination and knowledge exchange, as well as a proposed training package to be launched by ESCAP under the project.</p>	<p><i>MHRC directed HRD to forward to PPD and RSTA for nomination.</i></p> <p><i>PPD and RSTA to discuss the nominations.</i></p>
-----------------	---	--	---

<p>2</p>	<p><b>Purpose:</b> APT Training Course on IOT Technologies &amp; Ecosystem</p> <p><b>(Online Training Course)</b></p> <p><b>Institute/Country:</b> Rajiv Gandhi Memorial Telecom Training Centre (RGM TTC) Ghaziabad, India</p> <p><b>Source of Funding:</b> NA as it is a Virtual event.</p> <p><b>Start/End Date:</b> 25 – 29 October 2021 (5 days) 1 participant per administration/ Organization, closing date for nomination: 30 September 2021.</p>	<p>The Ministry received invitation vide letter no. Ref. APT/CB/4.1.1-2021/NIIPRIT/On-line 17 August 2021.</p> <p>The objectives of this course are to:</p> <p>Understand the IOT technologies and the IOT ecosystem</p> <p>Potential Use cases and the way these technologies can be used to address the issues being faced in development work.</p> <p>Enable policy planners to devise a mechanism of checks and balances for addressing the issues of security and data privacy.</p> <p>This course mainly focuses on knowledge on the following topics that will be imparted to the participants.</p> <ul style="list-style-type: none"> <li>• Various IOT Technologies and IOT Ecosystems including the opportunities and challenges.</li> <li>• Communication Technologies like LPWAN, 3GPP based technologies, WiFi HaLow, ZigBee, and 5G for massive machine type communication (mMTC).</li> <li>• Application Protocols viz. CoAP and MQTT, Cellular Connected Drone</li> <li>• IOT Security and Data security.</li> <li>• Artificial Intelligence in Edge Computing and Smart City Solutions.</li> </ul> <p>NTIPRIT will conduct a training course on Microsoft Teams Platform. All training related material viz., Study Material, Session Recording etc. will be made available on the platform. Login Credentials will be shared with the nominated trainees on their emails. The trainees are required to have a computer to get access to the online system during the training period.</p>	<p><i>MHRC directed HRD to forward to DITT for nomination.</i></p> <p><i>DITT to discuss the nomination.</i></p>
----------	---	---	--

<p><b>3</b></p>	<p><b>Purpose:</b>1. ICAO Regional Accident Investigation Workshop and ;</p> <p>2. Asia and Pacific Regions, Ninth Meeting of the Asia-Pacific Investigation group (APAC-AIG/9).</p> <p><b>Institute/Country:</b> ICAO, Bangkok.</p> <p><b>Source of Funding:</b> NA as it is a Virtual event.</p> <p><b>Start/End Date:</b> 1) 26 October 2021.</p> <p>2) 27 – 28 October 2021,(3:30 Hours each Day, 11:00-14:30 BKK TIME, UTC+7)</p>	<p>The Ministry received invitation vide letter no.Ref.: T 6/8.3 – AP151/21 (FS) 16 August 2021.</p> <p>The workshop aims to inform States in our Region about some of the challenges which have been identified over the years and during the COVID-19 Pandemic. It also aims to inform and Provide certain examples, techniques for handling these challenges. The invitation to participate is open to Accident Investigation Authorities and other relevant State authorities or organizations to discuss topics such as bi-lateral and multilateral agreements, coordination between investigation authorities and other State authorities to carry out onsite activities, new investigation techniques and technology, among others.</p> <p>The workshop is planned to be conducted in a 1-day virtual session, with an expected duration of about 4 hours.</p>	<p><i>MHRC directed HRD to forward the invitation to PPD. However, PPD should look into the relevance to BCAA, DoAT and the Airlines.</i></p>
-----------------	--	---	---

<p>4</p>	<p><b>Purpose:</b>APT Research Project on “Collaborative Response Measures to Prevent Unsolicited Commercial Messages (Spam) in Asia-Pacific Region”</p> <p><b>Institute/Country:</b> APT, Bangkok</p> <p><b>Source of Funding:</b> NA</p> <p><b>Start/End Date:</b> 30 September 2021</p>	<p>The Ministry received the invitation vide letter no.Ref. APT/2021/EBC-K(KISA)-02 20 August 2021.</p> <p>The Asia-Pacific Telecommunity (APT) is conducting a research on “Collaborative Response Measures to Prevent Unsolicited Commercial Messages (Spam) in Asia-Pacific Region”, which was approved at the 44th Session of the Management Committee of the APT (MC-44) in 2020 and is supported by the Extra-Budgetary Contribution from the Republic of Korea. This research intends to facilitate sharing of information and best practices among APT members regarding policies and legislations on issues related to spam, particularly given the increasing threats from the unsolicited, unwanted and harmful spam and the need to find appropriate way to cooperate among APT Members.</p> <p>As an important part of the research, APT request the Administration to kindly cooperate to this research by filling in the questionnaire at (<a href="https://forms.gle/R2z9pEesvvNaDGc3A">https://forms.gle/R2z9pEesvvNaDGc3A</a>) which is designed to gain a better idea of anti- spam framework in APT member countries, including issues they are facing, relevant policies/legislations, and international cooperation, etc. It would take around 20 minutes to complete this online survey. Please be assured that the information provided through this questionnaire will be used solely for the research purpose.</p> <p>To ensure timely arrangement, the Ministry is requested to fill in the questionnaire which is provided by the above Google Form link by 30 September 2021.</p>	<p><i>MHRC directed HRD to forward to DITT for nominations.</i></p>
----------	--	--	---

<p>5</p>	<p><b>Purpose:</b>APT Training Course on the Development and Application of Artificial Intelligence and Blockchain Technology.</p> <p><b>Institute/Country:</b> Beijing University of Posts and Telecommunications (BUPT) Beijing.P.R, China.</p> <p><b>Source of Funding:</b> NA</p> <p><b>Start/End Date:</b> 2-9 November 2021 (8 days)</p> <p><b>Closing date of nomination:</b> 1 October 2021.</p>	<p>The Ministry received invitation vide letter no.Ref. APT/CB/2021/CHN/BUPT 20 August 2021.</p> <p>Objective: The objectives of this course are: The development trend of artificial intelligence,the construction of a complete artificial intelligence system Integration of artificial intelligence and new media development Deep learning framework and practical application Intelligent scene analysis Object analysis and understand of video Application of artificial intelligence technology in medical field Artificial intelligence and block chain technology The application of machine learning. Participants in this training program will explore AI development trends, AI and new media development integration, deep learning framework and practical applications, intelligent scene</p> <p>The expected outcome of this course is that trainees can learn the following: 1. The development trend of artificial intelligence and blockchain technology 2. Theoretical basis of artificial intelligence and blockchain technology 3. Cases and applications of artificial intelligence and blockchain technology</p>	<p><i>MHRC directed HRD to forward to DITT for nominations. DITT to consider nominations from ICTD, MoIC and PPD if found relevant.</i></p>
----------	--	---	---



<p>6.</p>	<p><b>Purpose:</b> The 22nd Meeting of the South Asian Telecommunication Regulators Council (SATRC-22)</p> <p><b>Institute/Country:</b> APT, Bangkok.</p> <p><b>Source of Funding:</b> NA as it virtual</p> <p><b>Start/End Date:</b> 1-3 November 2021.</p> <p><b>Last date of registration.:</b> 15 October 2021.</p>	<p>The Ministry received invitation vide letter no.Ref. APT/2021/SATRC-22/INV 20 August 2021 with regard to the 22nd Meeting of the South Asian Telecommunication Regulators’s Council ( SATRC-22).</p> <p>SATRC meeting is held annually to discuss and coordinate regulatory and other related issues in the area of telecommunication and ICT that are common for the SATRC Members. The meeting will be attended by the heads of telecommunication regulatory bodies, designated senior level officers of SATRC Members. Other APT members are also welcome to participate at SATRC-22.</p> <p>SATRC-22 will discuss the key policy and regulatory issues in SATRC Member countries, approve the outcomes of SATRC Action Plan Phase VII and discuss and adopt SATRC Action Plan Phase VIII. The meeting will also include special sessions such as Regulators’ Roundtable and Regulator-Industry Dialogue to facilitate the development of the telecommunications and ICT sector in the South Asia region. The Regulators’ Roundtable will be held exclusively for the head of regulators to discuss and share thoughts on important regulatory issues that need regional collaboration among SATRC Members. Regulator-Industry Dialogue will provide a unique opportunity to exchange opinions among regulators and industry on the issues of common interests.</p>	<p><i>MHRC directed HRD to forward to DITT for nominations. DITT to consider nominations from BICMA if found relevant.</i></p>
-----------	---	---	--

<p>7.</p>	<p><b>Purpose:</b> Invitation to the third meeting of the TDAG Working Group on the Strategic and Operational Plans.</p> <p><b>Institute/Country:</b> ITU, Bangkok, Thailand.</p> <p><b>Source of Funding:</b> NA as it is virtual.</p> <p><b>Start/End Date:</b> 4 October 2021. (1200h-1500h in Bangkok).</p>	<p>The Ministry received invitation vide letter no.Ref.: Circular BDT/DDR/TDAG/102 Geneva, 20 August 2021 with regard to the third meeting of the TDAG working group on the Strategic and Operational Plans.</p> <p>Based on the discussions taken at the last TDAG meeting, the goal of this meeting will be to capture input from the TDAG-WG-SOP on the frameworks for the ITU Strategic Plan and the Addis Ababa Action Plan.</p> <p>The agenda for the meeting, which will be conducted in English only, is attached as Annex 1. In Annex 2, the information will be useful for participants. Membership is encouraged to submit contributions to the work of this Group through the online submission system available on the TDAG-WG-SOP webpage.</p>	<p><i>MHRC directed HRD to forward the invitation to DITT for nomination.</i></p>
-----------	---	--	---