



AFRICAN TELECOMMUNICATIONS UNION  
L'UNION AFRICAINE DES TELECOMMUNICATIONS

**Ref.: 043/04/ATU/ARD/CIR-2026**

Nairobi, 14 April 2026

To Member States

Dear Sir/Madam,

**INVITATION TO PARTICIPATE IN ATU WORKSHOP ON THE HARMONIZED CALCULATION METHOD FOR AFRICA (HCM4A)**

The ATU General Secretariat presents its compliments to your Administration.

The General Secretariat has the honour to inform that ATU is organizing a Workshop on the Harmonized Calculation Method for Africa (HCM4A), focusing on frequency coordination at borders, via E-Meeting from **11 to 15 May 2026 (12:00 AM to 18:00 PM East Africa Time)**, as follows:

- **Module 1:** 11 to 14 May 2026 for all engineers and technicians involved in frequency coordination;
- **Module 2:** 15 May 2026 for only each HCM4A Country Focal Point.

The indicative programme is annexed to this letter.

You are kindly invited to nominate delegates from your country and send their Names and Email addresses to [sg@atuuat.africa](mailto:sg@atuuat.africa) with copy to [atu-r@atuuat.africa](mailto:atu-r@atuuat.africa). The deadline for nominations is **Friday 30 April 2026**.

**The participation of each country Focal Point is highly recommended. Please indicate among the nominees the country Focal Point.**

I look forward to your participation in this important training Program.

Yours faithfully,

**John OMO**  
Secretary General





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**Annex: Indicative program**

AUDIENCE	Topics	Day	Period	Key Points
ALL THE DELEGATES	Introduction to HCM4A Agreement	Day 1: 11 May	Period 1: 12:00 – 13:30	<ul style="list-style-type: none"> <li>Opening Remarks (ITU, Ubiqwireless, ATU)</li> <li>HCM4A Agreement background and overview</li> </ul>
			<i>Break: 13:30 – 13:45</i>	
			Period 2: 13:45 – 15:15	<ul style="list-style-type: none"> <li>HCM4A software development details</li> <li>HCM vs HCM4A comparison</li> </ul>
			<i>Break: 15:15 – 15:30</i>	
			Period 3: 15:30 – 17:00	<ul style="list-style-type: none"> <li>HCM4A borders data</li> <li>Short demonstration of the software and the explanation on practical training</li> </ul>
	<i>Break: 17:00 – 17:15</i>		Period 4: 17:15 – 18:00	General Q&A and discussion on the HCM4A Agreement
	HCM4A software for fixed service	Day 2: 12 May	Period 1: 12:00 – 13:30	HCM4A FS background and GUI setup
			<i>Break: 13:30 – 13:45</i>	
			Period 2: 13:45 – 15:15	FS input of station records
			<i>Break: 15:15 – 15:30</i>	
			Period 3: 15:30 – 17:00	FS calculations theory and practice
	<i>Break: 17:00 – 17:15</i>		Period 4: 17:15 – 18:00	FS Q&A, discussion and further practice
	HCM4A software for mobile service	Day 3: 13 May	Period 1: 12:00 – 13:30	HCM4A MS background and GUI setup
			<i>Break: 13:30 – 13:45</i>	
			Period 2: 13:45 – 15:15	<ul style="list-style-type: none"> <li>MS input of station records</li> <li>MS antenna explanation</li> </ul>
			<i>Break: 15:15 – 15:30</i>	
			Period 3: 15:30 – 17:00	MS P2P calculations theory and practice
	<i>Break: 17:00 – 17:15</i>		Period 4: 17:15 – 18:00	MS P2P Q&A, discussion and further practice
	HCM4A software for mobile service (continued);	Day 4: 14 May	Period 1: 12:00 – 13:30	MS CBR calculations theory and practice
			<i>Break: 13:30 – 13:45</i>	
Period 2: 13:45 – 15:15			<ul style="list-style-type: none"> <li>MS P2L calculations theory and practice</li> <li>MS Q&amp;A, discussion and further practice</li> </ul>	
<i>Break: 15:15 – 15:30</i>				
		Period 3: 15:30 – 17:00	Data sources for FS and MS calculations	

	<b>Data sources for FS and MS calculations.</b>		<i>Break: 17:00 – 17:15</i>	
			Period 4: 17:15 – 18:00	Wrap up of the training on the GUI software
<b>COUNTRIES FOCAL POINTS</b>	<b>Source Code Architecture &amp; Compilation; Further development of HCM4A Agreement discussion</b>	Day 5: 15 May	Period 1: 12:00 – 13:30	HCM4A software architecture and source code explanation
			<i>Break: 13:30 – 13:45</i>	
			Period 2: 13:45 – 15:15	Compilation process for libraries and GUI
			<i>Break: 15:15 – 15:30</i>	
			Period 3: 15:30 – 17:00	Discussion on the HCM4A Agreement development, including the software and the web-page
			<i>Break: 17:00 – 17:15</i>	
			Period 4: 17:15 – 18:00	Closing Remarks