



African Telecommunications Union

ORGANIZATION OF WORK FOR RA/WRC-23 PREPARATIONS

The ATU wishes to provide the 1st ITU Inter-regional Workshop on WRC-23 Preparation the ATU Preparatory Work Plan for WRC-23 and Leaderships for various working groups which shows the organization of its work for RA/WRC-23 preparations as follows. Note; Outcomes of the ATU preparatory meetings 1 and 2 dubbed [APM23-1](#) and [APM23-2](#), respectively, can be found on their respective share folders.



African Telecommunications Union

ATU Preparation Work Plan for WRC-23

as established by

APM23-1

August 2020

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1. Introduction

The prominent world rule making and decision conferences on matters of the radio spectrum and radiocommunications in general is the World Radiocommunications Conference (WRC) and its associated Radiocommunication Assembly (RA). Due to the increasing value of the radio spectrum and radiocommunications, WRCs have also increasingly become key and effective participation crucial as well.

In the past WRCs, notably WRC-12, WRC-15 and WRC-19, the continent performed remarkably well in promoting and defending its interests in the use of the radio spectrum and radiocommunications in general at the said WRCs. Notwithstanding the foregoing, it remains essential that under the continued coordination of ATU, the continent steps-up its effective participation in the conferences.

As part of its mandate, ATU has developed this strategy to assist itself and its Membership in the preparation for the Radiocommunication conferences and in the implementation of their outcomes as a guideline. The guideline has two elements, namely:

1. *ATU working groups for WRC-23 preparatory and implementation of outcomes of previous WRCs and other studies, and*
2. *Meeting schedule and expected outputs.*

The framework of the working groups, and meeting schedule and expected outputs are outlined below.

2. Working Groups' working relationship with APM

Shown below is the high-level working relationship between APM and the working groups. Working group structures are provided in section 3.

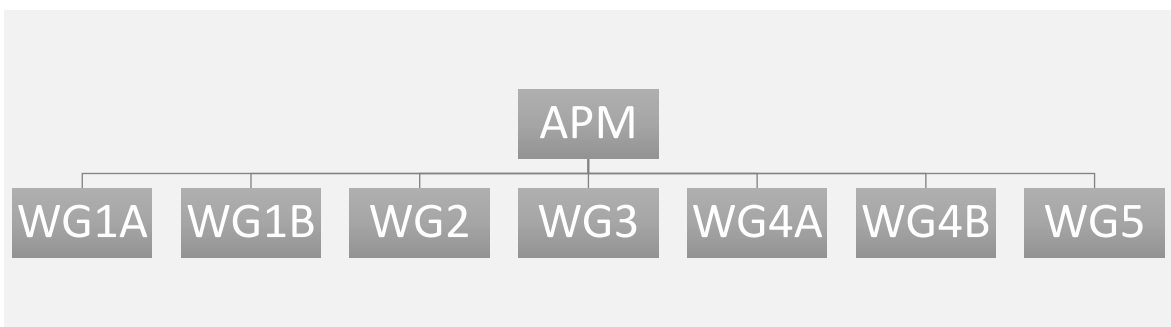


Figure 1: Working Groups' Structure

3. Structure of the Seven (07) ATU preparatory working groups for WRC-23

3.1 Working Group 1A: IMT in the mobile service/ Broadband applications in the mobile service (under Chapter 1)

Chair		
Vice-chair		
Champions	AI 1.1	Possible protection of stations of the aeronautical and maritime mobile services located in international airspace and waters from other stations located within national territories in the frequency band 4 800-4 990 MHz, in accordance with Resolution 223 (Rev.WRC-19) ;
Champions	AI 1.2	Possible IMT studies in 3 300-3 400 MHz, 3 600-3 800 MHz, 6 425-7 025 MHz, 7 025-7 125 MHz and 10.0-10.5 GHz, in accordance with Resolution 245 (WRC-19) ;
Champions	AI 1.4	Possible High-altitude platform stations as IMT base stations (HIBS) in the mobile service in certain frequency bands below 2.7 GHz already identified for IMT, in accordance with Resolution 247 (WRC-19) ,

3.2 Working Group 1B: Fixed, Mobile and Broadcasting issues (under Chapter 1)

Chair		
Vice-chair		
Champions	AI 1.3	Possible primary allocation of the band 3 600-3 800 MHz to mobile service within Region 1, in accordance with Resolution 246 (WRC-19) ;
Champions	AI 1.5	Possible review of 470-694 MHz in Region 1, in accordance with Resolution 235 (WRC-15) ;
Champions	AI 9.1 (Topic C)	Study the use of International Mobile Telecommunication system for fixed wireless broadband in the frequency bands allocated to the fixed services on primary basis, in accordance with Resolution 175 (WRC-19) ;

3.3 Working Group 2: Aeronautical and maritime issues (Chapter 2)

Chair		
Vice-chair		
Champions	AI 1.6	Possible Regulatory provisions to facilitate radiocommunications for sub-orbital vehicles, in accordance with Resolution 772 (WRC-19)
Champions	AI 1.7	Possible new aeronautical mobile-satellite (R) service (AMS(R)S) allocation for both the Earth-to-space and space-to-Earth directions of aeronautical VHF communications in all or part of the frequency band 117.975-137 MHz, in accordance with Resolution 428 (WRC-19)
Champions	AI 1.8	Possible revising Resolution 155 (Rev.WRC-19) and No. 5.484B to accommodate the use of fixed-satellite service (FSS) networks by control and non-payload communications of unmanned aircraft systems, in accordance with Resolution 171 (WRC-19) ,
Champions	AI 1.9	Possible review Appendix 27 in order to accommodate digital technologies for commercial aviation safety-of-life applications in existing HF bands allocated to the aeronautical mobile (route) service and ensure coexistence of current HF systems alongside modernized HF systems, in accordance with Resolution 429 (WRC-19)
Champions	AI 1.10	possible new allocations for the aeronautical mobile service for the use of non-safety aeronautical mobile applications, in accordance with Resolution 430 (WRC-19)
Champions	AI 1.11	possible regulatory actions to support the modernization of the Global Maritime Distress and Safety System and the implementation of e-navigation, in accordance with Resolution 361 (Rev.WRC-19)
Champions	AI 9.1 (Topic B)	Review of the amateur service and the amateur-satellite service allocations in the frequency band 1 240-1 300 MHz to determine if additional measures are required to ensure protection of the radionavigation-satellite (space-to-Earth) service operating in the same band in accordance with Resolution 774 (WRC-19) ;

3.4 Working Group 3: Science issues (Chapter 3)

Chair		
Vice-chair		
Champions	AI 1.12	possible new secondary allocation to the Earth exploration-satellite (active) service for spaceborne radar sounders within the range of frequencies around 45 MHz, in accordance with Resolution 656 (Rev.WRC-19)
Champions	AI 1.13	possible upgrade of the allocation of the frequency band 14.8-15.35 GHz to the space research service, in accordance with Resolution 661 (WRC-19)
Champions	AI 1.14	possible adjustments of the existing or possible new primary frequency allocations to EESS (passive) in the frequency range 231.5-252 GHz, to ensure alignment with more up-to-date remote-sensing observation requirements, in accordance with Resolution 662 (WRC-19)
Champions	AI 9.1 (Topic A)	review the results of studies relating to the technical and operational characteristics, spectrum requirements and appropriate radio service designations for space weather sensors, in accordance with Resolution 657 (Rev.WRC-19) ,
Champions	AI 9.1 (Topic D)	Protection of EESS (passive) in the frequency band 36-37 GHz from non-GSO FSS space stations;

3.5 Working Group 4A: Satellite services issues (under Chapter 4)

Chair		
Vice-chair		
Champions	AI 1.15	harmonize the use of the frequency band 12.75-13.25 GHz (Earth-to-space) by earth stations on aircraft and vessels communicating with geostationary space stations in the fixed-satellite service globally, in accordance with Resolution 172 (WRC-19) ;
Champions	AI 1.16	facilitate the use of the frequency bands 17.7-18.6 GHz and 18.8-19.3 GHz and 19.7-20.2 GHz (space-to-Earth) and 27.5-29.1 GHz and 29.5-30 GHz (Earth-to-space) by non-GSO FSS earth stations in motion, in accordance with Resolution 173 (WRC-19) ;
Champions	AI 1.17	appropriate regulatory actions for the provision of inter-satellite links in specific frequency bands, or portions thereof, by adding an inter-satellite service allocation where appropriate, in accordance with Resolution 773 (WRC-19) ,

Champions	AI 1.18	potential new allocations to the mobile-satellite service for future development of narrowband mobile-satellite systems, in accordance with Resolution 248 (WRC-19) ;
Champions	AI 1.19	new primary allocation to the fixed-satellite service in the space-to-Earth direction in the frequency band 17.3-17.7 GHz in Region 2, in accordance with Resolution 174 (WRC-19) ;

3.6 Working Group 4B: Satellite regulatory issues (under Chapter 4)

Chair		
Vice-chair		
Champions	AI 7	Improvements to satellite regulations, in accordance with Resolution 86 (Rev.WRC-07)

3.7 Working Group 5: General issues (Chapter 5)

Chair		
Vice-chair		
Champions	AI 2/3/4	RR house keeping
Champions	AI 5	appropriate action on, the Report from the Radiocommunication Assembly submitted in accordance with Nos. 135 and 136 of the Convention;
Champions	AI 6	identify those items requiring urgent action by the radiocommunication study groups in preparation for the next world radiocommunication conference;
Champions	AI 8	Footnotes - requests from administrations to delete their country footnotes or to have their country name deleted from footnotes, if no longer required, taking into account Resolution 26 (Rev.WRC-19) ;
Champions	AI 9.2	any difficulties or inconsistencies encountered in the application of the Radio Regulations; and ¹
Champions	9.3	on action in response to Resolution 80 (Rev.WRC-07) ;

¹ This agenda sub-item is strictly limited to the Report of the Director on any difficulties or inconsistencies encountered in the application of the Radio Regulations and the comments from administrations. Administrations are invited to inform the Director of the Radiocommunication Bureau of any difficulties or inconsistencies encountered in the Radio Regulations.

Champions	AI 10	Future WRC agenda items, in accordance with Article 7 of the Convention and Resolution 804 (Rev.WRC-19) ,
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4. Framework of the ATU working groups for WRC-23 preparatory, implementation of outcomes of previous WRCs and other studies

1. **Scope:** the scope of working groups shall be two-fold:
 1. Studies related to WRC-23 Agenda items,
 2. Studies related to implementation of previous WRCs and other relevant studies under their purview.
2. **Mandate:** the mandate¹ of the working groups is under the following:
 1. Prepare draft ATU common contribution to ITU-R Study Groups;
 2. Draft report briefs on the development of undergoing studies regarding agenda items under its scope including other regional groups views;
 3. Draft recommendations/opinions/views to African Preparatory Meetings for WRC-23 on agenda items under its scope;
 4. The chairman or vice-chairman of working group after consultation with the group members, may share information with other regional groups on agenda items under its scope;
 5. After consultation with working group members and the ATU Secretary General, Working Group chairs may request to conduct physical meeting in order to conduct discussions for agenda items under working group scope;
 6. Working groups may decide to conduct workshops/ studies for issues or subjects that lay under its scope
7. **Management team:** Each working group shall have a management team composed of chair, vice chair(s), and agenda item lead champions.
8. **Tenure:** The working groups' tenure shall be up to the 1st ATU preparatory meeting for WRC-27.
9. **Working method:** Each working group shall establish its working method consistent with those practiced by ATU organs.

¹ The work of the working group(s) shall be subject to ATU WRC-23 Preparatory meetings.

10. **Work modality:** The working group primary mode of work shall be via electronic means. However, under the consultation and facilitation of ATU Secretary General, they may hold physical meetings as individual group or in association with other group or groups, as appropriate. In this case, holding the physical meeting back-to-back with APM meeting is most preferable in more than 3 days to save cost for participants and administrations.
11. **Participation:** All ATU membership and African regional economic communities (including their duly appointed agents e.g. consultants) shall have full participation. African regulator associations, AU and its agencies, UN and its agencies, African institutions for which membership/ownership is drawn from African countries or their public institutions, and other persons duly invited by the ATU Secretary General, may participate in observer (advisory) capacity.
12. **Input contributions:** Input documents shall conform to the template for input submissions unless if they do not relate to WRC agenda items.
13. **Deadlines for submission of input contributions:** input documents not requiring translation (including Revisions, Addenda and Corrigenda to contributions) should be at least seven calendar days (**19H00 hours East African Time** or 16H00 hours UTC) before the start of a respective meeting. Contributions requiring translation documents should be submitted at least 14 days before the start of the ATU working groups meeting to allow Secretariat to time to translate. Exceptions should apply to sub-regional groups and/or Member states who are hosting their preparation meeting(s) seven days before the start of the meeting. It is the responsibility of the sub-regional groups and/or Member states to notify Secretariat of their meeting(s).
14. **Submission of documents:** Submission of input contributions and/or info documents to be done by electronic mail to: Secretary General sg@atuuat.africa with copy to a.koech@atuuat.africa and k.mwale@atuuat.africa
15. **Treatment of late input submissions:** Input contributions which are not available to participants at the opening of the meeting can be only considered for information unless the meeting decides otherwise.
16. **Costs:** All costs associated with participation to the work of the working groups (such as travel, accommodation and subsistence) shall be borne by their respective employers or sponsors or themselves, as appropriate.

5. Terms of Reference of Working Group Chairmen, Vice-Chairmen and Champions

1. The Chair will:

1. Work closely with the vice-chairs and champions in ensuring that African views are discussed and advanced/advocated;
2. Take into account all the work undertaken by vice-chairs and champions;
3. Prepare final draft proposals for submission to ITU through ATU General Secretariat;
4. Be the ATU contact focal point for all proposals sent to ITU;
5. Endeavor to participate in all preparatory meetings and ITU meetings as far as possible;
6. Coordinate the agenda items in the chapters assigned;
7. Consider all appropriate relevant work regarding the chapter;
8. Take into account the work and outputs of the agenda champions to review each agenda item;
9. Study contributions from all the agenda champions and note information documents;
10. Discuss proposal on all agenda items including reasoning arguments for selected criteria/method;
11. Reflect the results of all the discussions with possible reflection of the other groupings positions;
12. Prepare (or cause the group to prepare) draft proposals as appropriate to form African common proposals/positions; and
13. Forward the proposal to the overall coordinator for the final drafting and eventual submission to ITU through ATU General Secretariat.

2. The Vice-Chair will:

1. Assist the chairman in carrying his/her duties;
2. May act as chairman in the absence of the chairman or on express request of the chairman.
3. Each vice-chair to assist the chair in the management of specific agenda items or areas including the coordination of the champions.

3. The lead champion will:

1. Advocate and advance the ATU common position(s)/proposal(s), if available.
2. Coordinate the Advocacy and advancement the ATU common position(s)/proposal(s), if not available to do so in person.
3. Study critically the agenda items and work electronically with all the Member States and/or sub-regions to get their views on agenda item;

4. Assess the views of the industry players on the agenda item and see how it affects the view of the Member States and/or sub-regions;
5. Assess and note positions of the other regions and other stakeholders players, analysis impact and formulate recommendations to Chair, ATU caucuses, APMs, as appropriate;
6. Put together all the inputs on the agenda and develop draft recommendation to APM or otherwise; and
7. Work closely with the chair and/or vice-chair, as appropriate.

6. Milestones and Schedule of Meetings for WRC-23 Preparatory Working Groups

No.	Objective	Activities	When
1	Establish Seven (07) ATU WRC-23 Preparatory Working Groups (one each for the 5 chapters of CPM), taking into account expertise of individuals.	<ol style="list-style-type: none"> 1. ATU GS to propose position allocation of the Chairs, Vice-Chairs and for the Working Groups. 2. APM23-1 to establish the groups based on ATU GS proposals or otherwise, as appropriate. 	7 Aug 2020
2	Develop and submit ATU common contribution to ITU-R Study Groups, based on drafts developed by the Working Groups, as appropriate.	<ol style="list-style-type: none"> 1. Develop (<u>by way of carrying out technical studies or otherwise</u>) draft ATU common contribution to ITU-R Study Groups. 2. Recommendation to African Preparatory Meetings for WRC-23. 	<ul style="list-style-type: none"> • April 2021 • April 2022 • May 2023 <p><i>(period subject to refinement according to the progress of work in ITU-R and ATU)</i></p>

7. African Preparatory Meetings for WRC-23

No.	Meeting	Activities/Main Agenda Items	When	Expected Outcomes
1	1st African Preparatory meeting for WRC-23 (APM23-1)	<ol style="list-style-type: none"> 1. Review WRC-19 preparation/participation. 2. Consider the ITU Work Plan for WRC-23. 3. Consider and approve ATU Work Plan for WRC-23. 4. Appoint ATU WRC-23 working groups leaderships 	Aug 2020	<ol style="list-style-type: none"> 1. WRC-19 preparation/participation reviewed with key elements noted 2. ITU Work Plan for WRC-23 reviewed and comments made for ITU consideration 3. ATU Work Plan for WRC-23 considered and approved 6. Preparatory group leaderships appointed.

2	2 nd African Preparatory meeting for WRC-23 (APM23-2)	Prepare <u>preliminary</u> AFCPs in as many agenda items as possible.	Sep 2021	<u>Preliminary</u> AFCPs formulated in as many agenda items as possible.
3	3 rd African Regional Preparatory meeting for WRC-23 (APM23-3)	<ol style="list-style-type: none"> 1. Update <u>preliminary</u> AFCPs in as many agenda items as possible. 2. Develop common proposals to the work of CPM23-2 	Sep 2022	<ol style="list-style-type: none"> 1. Updated <u>Preliminary</u> AFCPs in as many agenda items as possible 2. Common proposals for submission to CPM23-2.
4	4 th African Regional Preparatory meeting for WRC-23 (APM23-4) to be held after the 2 nd WRC-23 ITU Conference Preparatory Meeting (CPM23-2)	<ol style="list-style-type: none"> 1. Review AFCPs taking into account the outcome of CPM23-2 2. Adopt final AFCPs for submission as proposals to WRC-23 3. Consider and develop AFCPs for submission as proposals for RA-23 4. Review the implementation status of WRC-19 outcomes 5. Consider preliminary views on the WRC-27 Agenda Items. 	Aug 2023	AFCPs formulated in as many agenda items as possible for submission to RA-23/WRC-23. [In the case of WRC-15, AFCPs were agreed in 96% of the WRC-19 issues].
5	ATU Caucus Meetings during RA-23 and WRC-23	Progress reports, general assessment of AFCP performance and review of AFCP as required	During WRC-23 as required	Satisfactory AFCP performance reports

8. Allotment and Appointment of Working Groups Leaderships (rev01-Sep-2020)

WG1A: IMT in the mobile service/ Broadband applications in the mobile service (under Chapter 1)

Role	Region	Name (country)
CHAIR	ECCAS	El Hadjar ABDOURAMANE (CME) choco0742@live.ca +237 697 39 27 63
VICE-CHAIR	EACO	Wako GABABO (KEN) Gababo@ca.go.ke +254 721 600 694
VICE-CHAIR	ECOWAS	Mandialy BODIAN (SEN) mandialy.bodian@artp.sn +221 77 819 6046
AI	Lead Champion	Assistant AI Champions
Lead Champion: AI 1.1	SADC	Richard Makgotlho (AFS) RMakgotlho@icasa.org.za +27 82 376 0012
Lead Champion: AI 1.2	SADC/NORTH*	Octavio Domingos MACHADO (AGL) octavio.machado@inacom.gov.ao +244 923 605 024 Mohamed BOUCHOU (ALG) m.bouchou@anf.dz +213 659 62 81 97
Lead Champion: AI 1.4	NORTH	Zied BENZID (TUN) zied.benzid@anf.tn +216 96 479 060

*NORTH is assisting

WG1B: Fixed, Mobile and Broadcasting issues (under Chapter 1)

Role	Region	Name (country)	
CHAIR	ECOWAS	Usman ALIYU (NIG) ualiyu@ncc.gov.ng +234 806 601 8776	
VICE-CHAIR	ECCAS	Pontien NGOIE KAJINGU (RDC) pontien.ngoie@arptc.gouv.cd +243 821 918 823	
VICE-CHAIR	NORTH	Assia DERRIDJ (ALG) a.derridj@anf.dz +213 550 170 523	
AI	Lead Champion		Assistant AI Champions
Lead Champion: AI 1.3	EACO	Deogratias BIZINDAVYI (BRI) deobizi@yahoo.fr +257 799 259 94	Alfred Joseph Bogere (UGA) abogere@ucc.co.ug +256 714 234 278 Mme. Michele MABOPDA (CME) marianemabopda@gmail.com +237 695 289 288
Lead Champion: AI 1.5	SADC	Ronel Le Grange (NMB) RleGrange@cran.na +264 811 550 101	Mme. Josiane GONDIO A KOKOH (CME) josianeanne2002@yahoo.com +237 699 548 449
Lead Champion: AI 9.1 Topic C	NORTH	Taleb ABDELILAH (MRC) a.taleb@anrt.ma +212 665 623 148	

WG2: Aeronautical and maritime issues (Chapter 2)

Role	Region	Name (country)
CHAIR	SADC	Hilario TAMELE (MOZ) htamele@arecom.gov.mz +258 829759529
VICE-CHAIR	NORTH	Ramzi HALIMOUCHE (ALG) r.halimouche@anf.dz
VICE-CHAIR	ECCAS	Karl LIMBONDZI (GAB) limbondzi@arcep.ga +241 77 29 50 98
AI	Lead Champion	Assistant AI Champions
Lead Champion: AI 1.6	ECOWAS	Mrs Arowolo OMODELE (NIG), omodelearowolo@yahoo.com +234 805 709 9623
Lead Champion: AI 1.7	ECOWAS	Zakaria SIEBA (BFA) zsieba@yahoo.fr +226 54 57 11 89
Lead Champion: AI 1.8	ECCAS	Chancel BAHOUHOULA (COG) Chancel.BAHOUHOULA@arpce.cg +242 05 570 96 25
Lead Champion: AI 1.9	NORTH	Ahmed KORMOD (EGY) akormed@tra.gov.eg +200 106 140 3409
Lead Champion: AI 1.10	SADC	Lisa CokisaTele (AFS) LisaT@atns.co.za +27 83 779 3920

Lead Champion: AI 1.11	EACO	Stella BANYENZA (TZA) stella.banyenza@tcra.go.tz +255 784 304 767	
Lead Champion: AI 9.1 Topic B	EACO	Anne KINYANJUI (KEN) Kinyanjui@ca.go.ke +254 720 614 941	

WG3: Science issues (Chapter 3)

Role	Region	Name (country)	
CHAIR	SADC	Lephoi NTSOEBEA (LSO) lnntsoe@lca.org.ls +266 588 82 442	
VICE-CHAIR	ECOWAS	Jeremie ILBOUDO (BFA) jeremie.ilboudo@arcep.bf +226 790 505 46	
VICE-CHAIR	EACO	George William Kasangaki (UGA) rmayanjac@gmail.com	
AI	Lead Champion		Assistant AI Champions
Lead champion: AI 1.12	EACO	George KASANGAKI (UGA) wkasangaki@ucc.co.ug +256 704 005 057	
Lead champion: AI 1.13	NORTH	Mohamed KHALIFA (EGY) mkhalifa@tra.gov.eg +2 011 1871 6121	
Lead champion: AI 1.14	SADC	Ncheme Sekhokoane (LSO) Ncheme.sekhokoane@gov.ls +26 663 261 025	

Lead champion: AI 9.1 Topic A	ECOWAS	Magaji ABDULLAHI (NIG) malannababa@gmail.com +234 909 707 1541	
Lead champion: AI 9.1 Topic D	ECCAS	Chynauldat BANGUE (COG) Chynauldat.BANGUE@arpce.cg +242 06 954 1577	

WG4A: Satellite issues (Chapter 4)

Role	Region	Name (country)
CHAIR	NORTH	Mostafa MOUSA (EGY) mmousa@tra.gov.eg +20 100 148 4207
VICE-CHAIR	ECOWAS	Gabriel Yao KOFFI (CTI) Gabriel.KOFFI@aigf.ci +225 070 808 0204
VICE-CHAIR	SADC	Patrick MUSIYAPO (MWI) patrickmusiyapo@gmail.com +265 888 89 31 79
AI	Lead Champion	Assistant AI Champions
Lead champion: AI 1.15	ECCAS	Arsène Baudoin ENTSEA (COG) Arsene.ENTSEA@arpce.cg +242 06 666 32 93
Lead champion: AI 1.16	EACO	Leonel ZAMBA (SSD) zambason@gmail.com +211 926 520 088
Lead champion: AI 1.17	SADC	Sibusiso Ndabukelwayo (SWZ) sibusiso@esccom.org.sz
Lead champion: AI 1.18	ECOWAS	Yetondji HOUEYETONGNON (BEN) hyetondji@arcep.bj +229 97 89 84 09
Lead champion: AI 1.19	ECCAS	Mme Olive NDOUMBE NGASSE (CME) olivendoumbngass@yahoo.fr +237 678 76 46 24

WG4B: Satellite issues (Chapter 4 AI 7)

Role	Region	Name (country)
CHAIR	EACO	George KWIZERA (RRW) gkwizera@space.gov.rw +250 783 798 859
VICE-CHAIR	SADC	Basebi MOSINYI (BOT) Mosinyi@BOCRA.ORG.BW +267 71 405 464
VICE-CHAIR	ECOWAS	Timothy ASHONG (GHA) timothy.ashong@nca.org.gh +233 20 862 3315
AI	Lead Champion	Assistant AI Champions
Lead champion: AI 7 Topic A	ECCAS	Gilles TCHOUMAMO (CME) gilles.tchoumamo@minpostel.gov.cm +237 696 34 60 06
Lead champion: AI 7 Topic B	NORTH	Hagar EMAD (EGY) hagare@tra.gov.eg +201 152 446 800
Lead champion: AI 7 Topic C	EACO	Ramlah HUSSEIN (UGA) rhussein@ucc.co.ug
Lead champion: AI 7 Topic D	ECOWAS	Timothy ASHONG (GHA) timothy.ashong@nca.org.gh +233 20 862 3315
Lead champion: AI 7 Topic E	SADC	Basebi Mosinyi (BOT) mosinyi@bocra.org.bw +267 71 405 464

Lead champion: AI 7 Topic F	ECCAS	Adam TALBA (CME) adamtalba2017@gmail.com +237 698 48 20 48	
Lead champion: AI 7 Topic G	NORTH	Deena ABDALLA (SDN) deena.abdallah@tpra.gov.sd +249 92 220 7098	
Lead champion: AI 7 Topic H	EACO	Fuad RWABUHUNGU (TZA) fuad.rwabuhungu@tcra.go.tz	
Lead champion: AI 7 Topic I	ECOWAS	Larnor TETTEH (GHA) larnor.tetteh@nca.org.gh +233 20 4307930	
Lead champion: AI 7 Topic J	SADC	Basebi Mosinyi (BOT) mosinyi@bocra.org.bw +267 71 405 464	
Lead champion: AI 7 Topic K	NORTH	Feriel BOUGUETTA (ALG) f.bouguetta@anf.dz +213 559 527 295	

WG5: General issues (Chapter 5)

Role	Region	Name (country)
CHAIR	ECCAS	Valery OTTOU (CME) ottou@minpostel.gov.cm +237 693 06 63 83
VICE-CHAIR	NORTH	Mohamed SOLIMAN (EGY) msoliman@tra.gov.eg +201 005 002 642
VICE-CHAIR	EACO	Stella BANYENZA (TZA) stella.banyenza@tcra.go.tz +255 784 304 767
AI	Lead Champion	Assistant AI Champions
Lead champion: AI 2 &3	ECCAS	Dr HOUZIBE (TCHAD) ousmanouss@yahoo.fr +33 61 29 79 673
Lead champion: AI 4	EACO	Leonel ZAMBA (SSD) zambason@gmail.com +211 926 520 088
Lead champion: AI 5 & 6	NORTH	Mohamed CHEBLI (ALG) m.chebli@anf.dz
Lead champion: AI 8	SADC	Ikuja JUMANNE (TZA) ikuja.jumanne@tcra.go.tz +255783297297

Lead champion: AI 9.2 & 9.3	SADC	Fuad RWABUHUNGU (TZA) Fuad.rwabuhungu@tcra.go.tz	
Lead champion: AI 10	ECOWAS	Sanusi BAWA (NIG) sanusi@ncc.gov.ng +234 803 391 7046	