

AFRINIC-33

Public Policy Meeting
2-3 June 2021



AFRINIC
The Internet Numbers Registry for Africa



ORGANISED BY

AfNOG
African Network Operators Group

AGENDA (DAY 1)

Wednesday 2nd June 2021

10:10 - 10:15	Welcome, Introduction & Agenda Overview
10:15 - 10:35	The AFRINIC PDP & Building Consensus
10:35 - 10:47	Policy update from other RIRs: <ul style="list-style-type: none">• ARIN (video to be played)• RIPE NCC (video to be played)• LACNIC
10:50 - 11:00	Policy Implementation Experience Report
11:00 - 11:10	Questions & Answers
11:10 - 12:00	Proposal #1: Abuse Contact Policy Update
12:00 - 12:10	TEA BREAK
12:10 - 13:00	Proposal #2: General Abuse Contact
13:00	Closing Remarks for Day 1

GUIDELINES FOR PARTICIPATING

AFRINIC Code of Conduct

- As a participant in AFRINIC Public Policy Meetings, you are expected to:
 - Behave professionally and respectfully at all times.
 - Act in the best interests of the AFRINIC community at all times.
 - Respect the agenda: Please keep your remarks on-topic for the relevant part of the meeting.
- ***Harassment, intimidation or offensive behavior will not be tolerated.***

How to Participate in the PPM

- Question Time will be opened to allow questions from participants.
- Please use the Q&A Window on Meetecho conference platform.
- For those following the PPM on Facebook and YouTube, your questions will be monitored and copied to the Q&A Window of the Meetecho conference platform.
- You may also subscribe to rpd@afrinic.net and make your contributions to the policy discussions.
- Consult the RPD archives to acquaint with the discussions on draft policy proposals.

How to Participate in the PPM

When given the floor:

- Introduce yourself: State your Name & Affiliation clearly.
- Respect the timekeeping & keep your remarks reasonably short.
- Respect language differences, translators, and remote participants.
- Please speak slowly and clearly.
- If you are opposing or supporting any policy you must give an **objective reason** bearing in mind the AFRINIC Code of Conduct.
- If microphones are closed before you have had a chance to speak, post your message on the RPD mailing which will be monitored throughout.

POLICY DEVELOPMENT PROCESS (PDP)

AFRINIC Internet Number Resource Policies

Internet Number Resources Management Policies:

- Guidelines by which AFRINIC manages Internet number resources.
- Guidelines for the services offered by AFRINIC around these resources.
- Developed by the AFRINIC Internet Community (PDWG).
- Developed through the AFRINIC Policy Development Process (PDP).

Coordination of the PDWG

The Policy Development Working Group (PDWG) is:

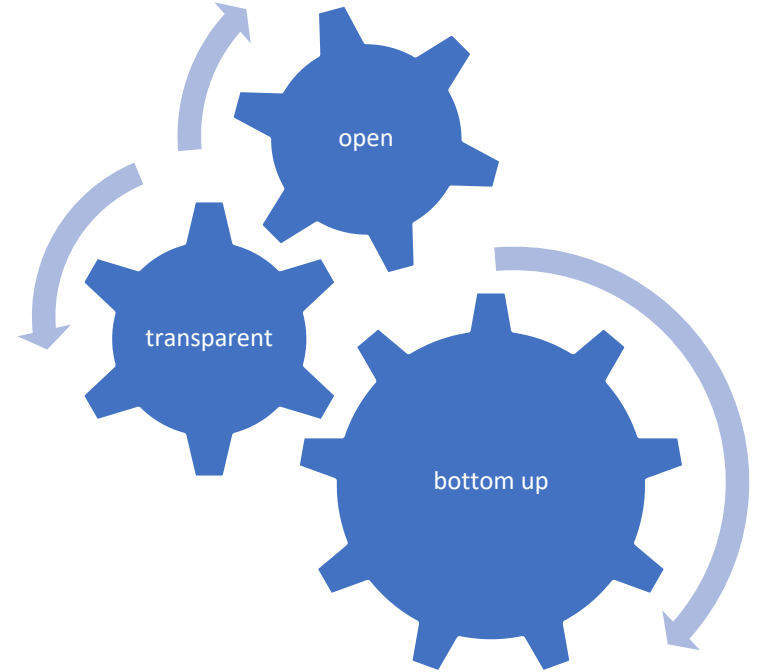
- Composed of anyone that is involved in discussing a policy proposal.
- Chaired by 2 Co-Chairs (Volunteers).
- Current PDWG Co-Chairs:
 - Vincent Ngundi (Kenya)
 - Darwin Da Costa (Angola)
- Supported by AFRINIC through the Policy Liaison Team (secretariat duties).

Roles of the PDP Co-Chairs

- Moderate the RPD mailing list.
- Determining whether there is rough consensus during open public policy proposal discussions.
- Initiation and termination of the final review of proposals (Last Call).
- Sending a report on the outcomes of policy discussions at public policy meetings to the AFRINIC Board of Directors.
- Publishing minutes of the proceedings of public policy meetings.

Policy Development Process

---The set of steps by which the African Internet community proposes, deliberates and adopts the policies that guide the use of Internet number resources in the AFRINIC service region---



Policy Development Process

- The PDP is a documented policy (CPM 3.0), also subject to change.
- Procedures in the PDP are designed to be fair, open, objective.
 - Provide ample opportunity for participation by any interested party.
 - Decisions are based on “*rough consensus*”.
- Changes to the PDP must follow the PDP.
- Implemented policies can evolve to adapt to new situations that prevail.

The PDP Principles

Openness

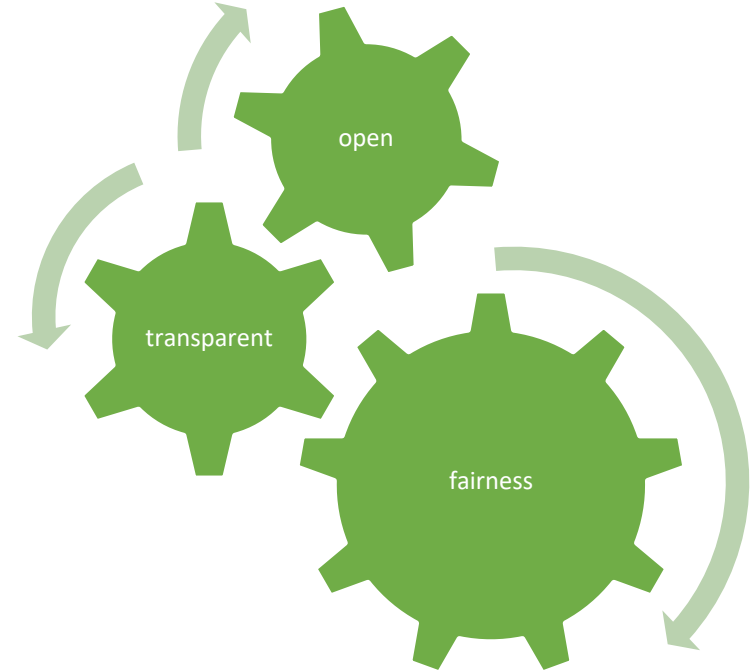
- Policy development happens in an open forum.
- Anyone can participate.

Transparency

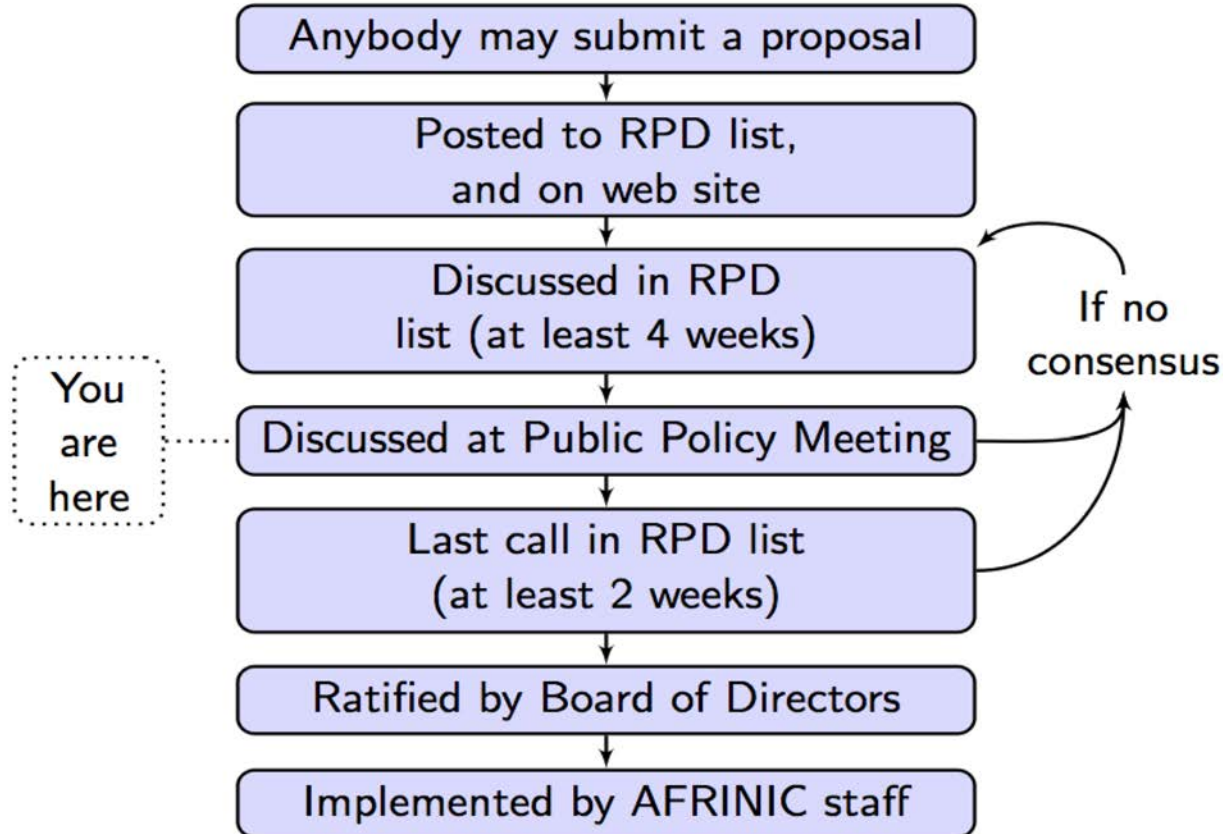
- Everything documented, publicly available.

Fairness

- Goal of all discussions is to ensure fair distribution of resources.



The PDP Simplified



AFRINIC Consolidated Policy Manual

All ratified policies are documented in the AFRINIC Policy manual

<https://www.afrinic.net/policy/manual>

The manual is updated once new policies are ratified and implemented

BUILDING & DETERMINING CONSENSUS

Building & Determining Consensus

Section 3.0 of the CPM

- The objective of the PDP is to:
 - Provide ample opportunity for participation and comment by all interested parties;
 - Establish widespread Internet community **consensus**.

Section 3.4.2 of the CPM

- The Chair(s) determine(s) whether **rough consensus** has been achieved during the Public Policy Meeting.

Building & Determining Consensus

- **RFC 7282** (On Consensus and Humming in the IETF)
 - A guide to building & determining consensus
 - Developed for the IETF, an environment similar to ours
- **Moderation of DPP Discussions**
 - Identify **objections & contentious issues** regarding the DPP
 - **Track open issues** yet to be addressed by the Author(s) and participants
- **Building Consensus**
 - Direct the PDWG towards the **areas that are contentious**
 - Participants encouraged to **focus** and **seek consensus** on such areas
 - AfriNIC **impact assessment** may raise or address some contentious issues

Building & Determining Consensus

- **Determining Consensus**

- Objective is to always aim for **rough consensus**, if not consensus
- Rough consensus is **not** built/determined through a VOTING mechanism
- Rather by ensuring that **all objections/concerns are adequately addressed**
- Look/seek consensus **throughout** the process (*for each contentious issue*)
- **No VOTING mechanism** applied at any point in time (*avoid “vote stuffing”*)
- 100 people for and 5 people against **might** not be rough consensus
*If a **minority** of participants have a **valid objection**, that objection must be dealt with before rough consensus can be declared*
- 5 people for and 100 people against **might** still be rough consensus
*As long as there are no **valid objections** that have not been addressed*

Building & Determining Consensus

Moderate DPP Discussions

Identify objections/contentious issues

Track open issues that are yet to be addressed

Build Consensus

Direct PDWG towards open issues

Encourage PDWG to focus & seek solutions to these issues

Leverage on impact assessment to address open issues

Determine Consensus

Focus is to ensure that all open issues have been addressed

Looks/seek consensus throughout the process

No voting (to avoid vote stuffing)

100 people for & 5 against **might not be** rough consensus

5 people for & 100 against **might be** rough consensus

DRAFT POLICY PROPOSALS

Draft Policy Proposal for AF33

Three draft policy proposals for discussion during AF33 PPM:

- Abuse Contact Policy Update
- General Abuse Contact
- RPKI ROAs for Unallocated and Unassigned AFRINIC Address Space

Flow of the Discussions

Presentation of the policy proposal by Author	8 minutes
Presentation of Staff Impact Assessment by Secretariat	2 minutes
Presentation on contentious areas by the Co-Chairs	5 minutes
OpenMic Discussions by the PDWG + Q&A comments/questions	20 minutes
Response by the Authors	10 minutes
Announcement of the decision of the Co-Chairs	5 minutes

ABUSE CONTACT POLICY UPDATE

[Proposal #1]

Abuse Contact Policy Update

- Discussions on the RPD carried on after the AFRINIC-32 PPM in 2020 for v6 of this draft policy proposal
- No discussions on v7 of the draft policy proposal

Abuse Contact Policy Update (Key Concerns)

Concerns	Addressed/Pending	
Proposal asks AFRINIC to manage mailbox's subject line.	Addressed by the Author & some members in Working Group	Proposal is requesting AFRINIC to implement an abuse-c attribute and that the the mailbox shouldn't be filtered to only receive from AfriNIC, or a specific subject, or content. The mailbox is to be validated periodically.
Redundant proposal - Members should already have abuse contact or alternative if they really needed it.	Pending	This matter is yet to be addressed by the author.

Abuse Contact Policy Update (Key Concerns)

Concerns	Addressed/Pending	
<p>RIRs have no ability to define what is “abuse”, one abuse or even criminal activity could be entirely a legal operation in a different jurisdiction.</p> <p>No Definition of abuse in proposal.</p>	Addressed	<p>The RIR does not need to define "abuse". It publishes contacts.</p> <p>RFC2142 defines what is abuse.</p>
<p>Making a member forcefully reply to abuse contact emails is a waste of resources and totally pointless, it is entirely up to the member to define what they think is acceptable in their network.</p>	Addressed	<p>Today AFRINIC is paying for the cost of the abuse handling.</p> <p>AFRINIC staff are handling abuse complaints for IP addresses that have already been delegated to the AFRINIC members.</p>
<p>AFRINIC has no mandate to force any member to reply to an “abuse”, since AFRINIC doesn’t even have the ability to identify what is considered an abuse.</p>	Addressed	<p>The proposal is mandating AFRINIC to publish the working abuse contacts of its members to which it has/will delegate resources to.</p>

Abuse Contact Policy Update (Key Concerns)

Concerns	Addressed/Pending	
It will only be a waste of resources as it will cost extra to have this policy pointlessly worked on (implemented)	Addressed	<p>Today AFRINIC is paying for the cost of the abuse handling.</p> <p>The staff impact assessment of version 7 of the policy proposal does not raise the concern for additional staff.</p>
Abuse enforcement is out of the scope for RIRs.	Addressed	Proposal enforces that a valid abuse contact exists.
<p>This policy which is capable of bringing complications, misunderstanding and/or problems among AFRINIC resource members with regards to the use of internet resources.</p> <p>There is no need of making it mandatory as it may lead to further unforeseen and avoidable complications.</p>	Addressed	These are vague/unclear objections.

Abuse Contact Policy Update (Key Concerns)

Concerns	Addressed/Pending	
AFRINIC only has a mandate to manage registration of IP numbers, it does not have the capacity or mandate to manage networks. Networks have already showed technical need during the application process and done correct registration of their numbers, and they are done with AFRINIC from this point on. How they manage a network is entirely out of the scope of AFRINIC.	Addressed	Members are bound to comply with the policies and RSA which stipulates that applicants shall provide and ensure accurate contact information are stored in AFRINIC databases.
Redundant proposal - Members should already have abuse contact or alternative if they really needed it.	Pending	This matter is yet to be addressed by the author.

GENERAL ABUSE CONTACT

[Proposal #2]

Flow of the Discussions

Presentation of the policy proposal by Author	8 minutes
Presentation of Staff Impact Assessment by Secretariat	2 minutes
Presentation on contentious areas by the Co-Chairs	5 minutes
OpenMic Discussions by the PDWG + Q&A comments/questions	20 minutes
Response by the Authors	10 minutes
Announcement of the decision of the Co-Chairs	5 minutes

General Abuse Contact (Key Concerns)

Concerns	Addressed/Pending	
What is more intrusive, asking for a validation or allowing victims to pay for the abuses?	Pending	This matter is yet to be addressed by the author.
What is more intrusive, asking for a validation or because it doesn't exist and you don't even bother to say "this is not abuse for me", get the full network filtered by the rest of the world, or even worst, many AFRICAN networks become filtered?	Pending	This matter is yet to be addressed by the author.
What is more intrusive, asking for a validation to the resource holders, or imposing the cost into AFRINIC, which is covered by members?	Pending	This matter is yet to be addressed by the author.
What is more intrusive, asking for a validation or enforcing the RSA, which stands for appropriate use of the resources? It is appropriate to ignore abuses from your customers?	Pending	This matter is yet to be addressed by the author.

AFRINIC PUBLIC POLICY MEETING

Day #2, Thursday 3rd June 2021

AGENDA (DAY 2)

Thursday 3rd June 2021

10:10 - 10:20	Welcome, Introduction & Agenda Overview
10:20 - 11:10	Proposal #3: RPKI ROAs for Unallocated and Unassigned Address Space
11:10 - 12:00	AFRINIC-34 Competing Policy Proposals: <ul style="list-style-type: none">• Simple PDP Update for the new “Normal”• Chairs Elections Process
12:00 - 12:10	TEA BREAK
12:10 - 12:35	<ul style="list-style-type: none">• PDP Working Group(WG) Guidelines and Procedures• Open Discussion with the PDWG on the Way Forward
12:35 - 12:55	Open Microphone on the PPM
12:55 - 13:00	Closing Remarks

RPKI ROAs FOR UNALLOCATED & UNASSIGNED AFRINIC ADDRESS SPACE

[Proposal #3]

Flow of the Discussions

Presentation of the policy proposal by Author	8 minutes
Presentation of Staff Impact Assessment by Secretariat	2 minutes
Presentation on contentious areas by the Co-Chairs	5 minutes
OpenMic Discussions by the PDWG + Q&A comments/questions	20 minutes
Response by the Authors	10 minutes
Announcement of the decision of the Co-Chairs	5 minutes

RPKI ROAs for Unallocated & Unassigned AFRINIC Address Space (Key Concerns)

- Discussions on RPD carried on after the AFRINIC-32 PPM IN 2020 for v2 of this draft policy proposal
- No discussions on v3 of the draft policy proposal

RPKI ROAs for Unallocated & Unassigned AFRINIC Address Space (Key Concerns)

Concerns	Addressed/Pending	
I believe this policy would extend AFRINIC's power way beyond its control. AFRINIC is a registration entity and should not have authority over RPKI.	Addressed	Technical Understanding of RPKI. https://lists.afrinic.net/pipermail/rpd/2020/011240.html
It is going to create a centralization on the control of the internet which can result in an abuse of power. the risk of Internet centralization and undermine the legitimacy of AFRINIC as an impartial institution.	Addressed	

RPKI ROAs for Unallocated & Unassigned AFRINIC Address Space (Key Concerns)

Concerns	Addressed/Pending	
<p>The current state of the RPKI infrastructure does not provide a sufficient period between revocation of ROA and notification that a given prefix has been allocated to an organisation which can have a huge effect on the allocation</p> <p>It takes time to revoke ASO state for one IP address, not to mention many of the resources are allocated in blocks. So it will be extremely inconvenient to the end-users and ISPs if their network takes a very long period to “recover”.</p> <p>Is the imperviousness of the current proposed policy when it comes to human/computer error when revoking the ASO state.</p>	Addressed	<p>According to staff https://lists.afrinic.net/ipermail/rpd/2020/011348.html</p> <p>It will take 1 day .</p>

RPKI ROAs for Unallocated & Unassigned AFRINIC Address Space (Key Concerns)

Concerns	Addressed/Pending	
Policy that potentially asks AFRINIC to proactively interfere with routing	Addressed	AFRINIC is *only* providing a service, like the WHOIS, to provide accuracy of what resources have been allocated to members and what are unallocated.

AFRINIC-34 COMPETING POLICY PROPOSALS

[Review of Section 3.0 of the CPM]

Flow of the Discussions

Presentation of the policy proposals by Authors - 15 minutes each	45 minutes
BREAK	10 minutes
Presentation by Co-Chairs on Competing Aspects of the Proposals	10 minutes
Open Discussions on the Way Forward with the PDWG	25 minutes

Competing Policy Proposals

- Four draft policy proposals that all seek to review Section 3.0 of the CPM:
 - PDP Working Group (WG) Guidelines and Procedures
 - Simple PDP Update for the New “Normal”
 - Chairs Election Process
 - Co-Chair Recall
- Presentation by Authors.

Health Break (10 minutes)

Competing Policy Proposals

- Co-Chairs prepared a table that maps what areas the various policy proposals seek to review (or introduce) as regards Section 3.0 of the CPM which covers the AFRINIC PDP.
- The table should not be misconstrued as the opinion (or endorsement) of the Co-Chairs but a way for the community to realize that the four policy proposals compete in one aspect or the other.
- The intention is to assist the PDWG & Authors in charting a way forward.

Competing Policy Proposals

SECTION OF THE CPM	SUMMARY OF NEW PROVISIONS	PDP WORKING GROUP (WG) GUIDELINES AND PROCEDURES	SIMPLE PDP UPDATE FOR THE NEW “NORMAL”	CHAIRS ELECTION PROCESS	CO-CHAIR RECALL
Policy Development Working Group	Rewording		Section 3.3		
Responsibilities of PDWG Co-Chairs	The Co-Chair responsibilities are being detailed	Sections 3.3.1 & 3.3.2	Section 3.4.2		
Terms of Co-Chairs	Sets condition for ‘returning of Co-Chairs’			Section 3.3.1.6	
Eligibility Criteria of Co-Chairs	Document the eligibility criteria for Co-Chairs	Section 3.3.3		Section 3.3.1	

Competing Policy Proposals

SECTION OF THE CPM	SUMMARY OF NEW PROVISIONS	PDP WORKING GROUP (WG) GUIDELINES AND PROCEDURES	SIMPLE PDP UPDATE FOR THE NEW “NORMAL”	CHAIRS ELECTION PROCESS	CO-CHAIR RECALL
Selection of Co-Chairs	Defines how Co-Chairs shall be selected? Various methods (consensus, elections, IRV)	Section 3.3.3		Section 3.3.2	
Voting Register	Who can vote?	Section 3.3.3		Section 3.3.2.3	
Resignation of Co-Chair(s)	Resignation of 1 or both Co-Chairs	Section 3.3.5			
Absence of Co-Chairs in a PPM	Caters for the absence of 1 or both Co-Chairs	Section 3.3.8		Section 3.3	

Competing Policy Proposals

SECTION OF THE CPM	SUMMARY OF NEW PROVISIONS	PDP WORKING GROUP (WG) GUIDELINES AND PROCEDURES	SIMPLE PDP UPDATE FOR THE NEW "NORMAL"	CHAIRS ELECTION PROCESS	CO-CHAIR RECALL
Role of temporary Chair	Defines what the temporary Chair can do	Section 3.3.8			
Operations Working Group (PDWG)	Defines how Moderation of Working Group discussions and sessions shall happen	Section 3.3.6			
Application of Code of Conduct	Introduces a clause regarding Code of Conduct on the RPD mailing list	Section 3.3.7			

Competing Policy Proposals

SECTION OF THE CPM	SUMMARY OF NEW PROVISIONS	PDP WORKING GROUP (WG) GUIDELINES AND PROCEDURES	SIMPLE PDP UPDATE FOR THE NEW “NORMAL”	CHAIRS ELECTION PROCESS	CO-CHAIR RECALL
Definition of “Rough Consensus”	Defines “Rough Consensus”		Section 3.1.1		
Draft Policy Proposal	Changes the timelines for submission		Sections 3.4.1 & 3.4.2		
Expiry of a DPP	Modifies the lifetime of a DPP		Section 3.4.1		
Impact Assessments	Makes Impact Assessments mandatory		Section 3.4.1		

Competing Policy Proposals

SECTION OF THE CPM	SUMMARY OF NEW PROVISIONS	PDP WORKING GROUP (WG) GUIDELINES AND PROCEDURES	SIMPLE PDP UPDATE FOR THE NEW “NORMAL”	CHAIRS ELECTION PROCESS	CO-CHAIR RECALL
Discussion Timing	Proposes changes to discussion timings		Section 3.4.1		
Public Policy Meeting	Proposes more PPMs online	Sections 3.3.8 & 3.3.9	Sections 3.3 & 3.4.2		
Participation at a PPM	Co-Chairs can restrict participation in PPMs under certain conditions (restricted participation but not restricted attendance)	Section 3.3.8			

Competing Policy Proposals

SECTION OF THE CPM	SUMMARY OF NEW PROVISIONS	PDP WORKING GROUP (WG) GUIDELINES AND PROCEDURES	SIMPLE PDP UPDATE FOR THE NEW “NORMAL”	CHAIRS ELECTION PROCESS	CO-CHAIR RECALL
Consensus Determination	Can also happen outside a PPM on the RPD list	Section 3.3.9	Section 3.4.2		
Last Call	<p>Introduces a timeline of 1 week to confirm consensus.</p> <p>Any new objections must be substantiated & must therefore be based on opinions with a technical justification.</p>		Section 3.4.3		

Competing Policy Proposals

SECTION OF THE CPM	SUMMARY OF NEW PROVISIONS	PDP WORKING GROUP (WG) GUIDELINES AND PROCEDURES	SIMPLE PDP UPDATE FOR THE NEW "NORMAL"	CHAIRS ELECTION PROCESS	CO-CHAIR RECALL
Conflict Resolution (Appeals)	Introduces a role for the Board Chair in the Appeal Process	3.3.10.1			
Conflict Resolution (Appointment of Co-Chairs)	Introduces a role for the Board Chair in appointment of Co-Chairs	Section 3.3.10.2			
Conflict Resolution (Recall of Co-Chair)	Introduces a role for the Board Chair in appointment of Interim Co-Chairs Updates the Co-Chair Recall Process section of the CPM	Section 3.3.4			Section 3.5

Open Discussion with the PDWG on the Way Forward

Open Microphone Session on the PPM

Closing Remarks