



THE UNITED REPUBLIC OF TANZANIA
TANZANIA COMMUNICATIONS REGULATORY AUTHORITY
ISO 9001:2015 CERTIFIED



WRC-27 Agenda Item 1.13 and Related MSS Issues

“Regulatory Perspective in D2D Implementation and Licensing”

Presented By: ENG. VICTOR BENEZETH BAYONA





D2D: From Satellite Service to Integrated Mobile Connectivity



Direct-to-device is no longer simply a satellite licensing question. It now sits at the intersection of satellite, mobile, spectrum, national security, Consumers and telecommunications regulation.





National D2D Authorization: Key Regulatory Considerations

A

SPECTRUM

- Frequency assignment & coexistence with terrestrial IMT
- Interference limits & coordination

B

SERVICE AUTHORIZATION AND ACCESS

- SNO, MNO, or partnership
- Gateway provisioning & landing rights

C

SECURITY & DATA PROTECTION

- Lawful interception & national security
- Data protection & privacy

D

CONSUMER & COMPLIANCE

- Consumer/service obligations — SIM/eSIM, QoS, emergency services
- Monitoring, reporting & enforcement



Current D2D Operations and expectations post WRC-27

Current D2D Operations

RR No. 4.4 + National Authorizations

Non-conforming assignments may operate on the express condition that they shall not cause harmful interference to, and shall not claim protection from, stations operating in accordance with the Radio Regulations.

EXPECTATIONS AFTER STUDY RESULTS WRC-27



National authorization then covers implementation in full: spectrum assignment, landing rights, gateway provisioning, licensing, security, consumer protection and service authorization — followed by ongoing operational compliance.



Tanzania: Practical Regulatory Experience



Tanzania has developed a transitional D2D framework addressing:



Transitional Framework

"Framework remains subject to alignment with the outcome of WRC-27 AI 1.13."



Tanzania's Expectations for WRC-27 AI 1.13

1

- **Regulatory clarity** - A clear international framework for DC-MSS-IMT.

2

- **Protection of existing services**- Terrestrial IMT and other incumbent services must be adequately protected, without setting stringent conditions that may prevent up taking of the newly innovative technologies (DC-MSS-IMT)

3

- **Cross-border clarity** - Clear responsibilities for interference management between administrations/MNOs/SNOs, well-defined protection criteria's and associated operational parameters.

4

- **National regulatory flexibility** - WRC-27 should establish the international framework while allowing administrations to determine appropriate national authorization, licensing, security, consumer protection, and implementation arrangements.



Thank You For Your Kind Attention!

EMAIL: BARUA@TCRA.GO.TZ

TEL: +255 22 2412009 - 10

www.tcra.go.tz

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